

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG050994.D
 Acq On : 12 Nov 2021 10:16
 Operator : CG/JU
 Sample : M4615-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COV03

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050994.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.802	46	53	60	rBV	304463	489908	0.21%	0.048%
2	4.360	140	148	160	rVB4	281389	929240	0.39%	0.091%
3	4.543	171	179	184	rBV2	294894	622822	0.26%	0.061%
4	4.707	198	207	217	rVB	706328	1437475	0.60%	0.140%
5	4.836	224	229	237	rVB	254297	484974	0.20%	0.047%
6	5.118	268	277	285	rBV	466024	974960	0.41%	0.095%
7	5.218	285	294	298	rBV	262292	548172	0.23%	0.053%
8	5.283	298	305	311	rBV	1415861	3264944	1.37%	0.318%
9	5.336	311	314	319	rVV	749947	1289900	0.54%	0.126%
10	5.394	319	324	331	rVB	816653	1577746	0.66%	0.154%
11	5.547	345	350	355	rVV	414032	812739	0.34%	0.079%
12	5.641	358	366	376	rVV5	3614157	10333244	4.33%	1.007%
13	5.776	381	389	396	rVB	1460781	3226734	1.35%	0.314%
14	5.847	396	401	419	rVB2	893943	2978916	1.25%	0.290%
15	6.011	419	429	435	rBV	2359352	5898670	2.47%	0.575%
16	6.082	435	441	447	rBV2	3701552	8872862	3.72%	0.864%
17	6.170	451	456	460	rBV	2211385	4377936	1.83%	0.427%
18	6.241	460	468	476	rVB2	9902325	26804690	11.23%	2.612%
19	6.317	476	481	488	rVB	862813	1704174	0.71%	0.166%
20	6.399	488	495	502	rVB2	340213	888531	0.37%	0.087%
21	6.505	502	513	525	rBV3	5715875	24403568	10.22%	2.378%
22	6.611	525	531	540	rVB3	1872039	5349182	2.24%	0.521%
23	6.728	540	551	556	rBV5	3444821	11501868	4.82%	1.121%
24	6.805	556	564	568	rVB	3677724	8293856	3.47%	0.808%
25	6.887	568	578	589	rVB4	8824275	30284064	12.69%	2.951%
26	6.993	590	596	602	rVB	2811958	6062707	2.54%	0.591%
27	7.057	602	607	612	rBV2	1480806	2998776	1.26%	0.292%
28	7.128	613	619	626	rBV2	1844843	5081776	2.13%	0.495%
29	7.233	628	637	638	rBV5	4270966	10010867	4.19%	0.975%
30	7.322	647	652	656	rVB2	3640443	6518869	2.73%	0.635%
31	7.416	660	668	676	rVB3	9370617	28710995	12.03%	2.797%
32	7.592	694	698	703	rVB3	1638315	2800068	1.17%	0.273%
33	7.651	703	708	712	rBV2	2689472	5357447	2.24%	0.522%
34	7.927	745	755	762	rBV2	7227990	33396558	13.99%	3.254%
35	8.085	778	782	784	rBV3	1631220	2517005	1.05%	0.245%
36	8.279	807	815	820	rVB4	10818257	29853198	12.51%	2.909%

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37	8.356	820	828	832	rVV3	3103937	7654035	3.21%	0.746%
38	8.414	832	838	843	rVV3	5329055	12076337	5.06%	1.177%
39	8.479	843	849	854	rVV4	6329192	14639516	6.13%	1.426%
40	8.550	854	861	863	rVV2	5981925	12162659	5.10%	1.185%
41	8.597	863	869	873	rVV2	10551994	24572086	10.29%	2.394%
42	8.632	873	875	881	rVB4	4194473	6331080	2.65%	0.617%
43	8.814	896	906	911	rBV3	7907089	22182648	9.29%	2.161%
44	8.931	920	926	936	rVB2	7607151	21456524	8.99%	2.090%
45	9.049	938	946	950	rVV	6610818	13905583	5.83%	1.355%
46	9.090	950	953	956	rVV	2670133	4557470	1.91%	0.444%
47	9.143	956	962	973	rVV3	5547646	15034865	6.30%	1.465%
48	9.231	973	977	980	rVV	1116374	1922812	0.81%	0.187%
49	9.290	980	987	993	rVB5	3335880	8695333	3.64%	0.847%
50	9.354	993	998	999	rBV2	3123332	4483747	1.88%	0.437%
51	9.390	1000	1004	1013	rVV3	7319164	17501855	7.33%	1.705%
52	9.484	1013	1020	1021	rVV2	6995679	12943515	5.42%	1.261%
53	9.554	1023	1032	1036	rVV2	12845589	45322414	18.99%	4.416%
54	9.637	1036	1046	1055	rVV8	3651969	15132847	6.34%	1.474%
55	9.742	1056	1064	1073	rVV6	2947154	8558064	3.59%	0.834%
56	9.836	1074	1080	1086	rVV4	1755617	4787534	2.01%	0.466%
57	9.907	1087	1092	1099	rVV6	3598502	8189544	3.43%	0.798%
58	9.977	1099	1104	1107	rVV2	2448315	3938848	1.65%	0.384%
59	10.024	1107	1112	1118	rVB2	2544043	4659589	1.95%	0.454%
60	10.124	1124	1129	1135	rBV3	852165	2283843	0.96%	0.223%
61	10.195	1136	1141	1148	rVB	3855530	7295647	3.06%	0.711%
62	10.265	1148	1153	1157	rBV2	2027078	3899301	1.63%	0.380%
63	10.389	1168	1174	1182	rBV3	1283637	2831391	1.19%	0.276%
64	10.471	1182	1188	1194	rBV3	2729109	5124332	2.15%	0.499%
65	10.565	1200	1204	1209	rVB	883167	1269216	0.53%	0.124%
66	10.641	1209	1217	1223	rVB3	669098	1549981	0.65%	0.151%
67	10.712	1224	1229	1233	rVB	329292	548247	0.23%	0.053%
68	10.759	1233	1237	1245	rVB3	438134	956521	0.40%	0.093%
69	11.017	1273	1281	1288	rVV	3789536	7135692	2.99%	0.695%
70	11.123	1295	1299	1305	rVV	803268	1550020	0.65%	0.151%
71	11.188	1305	1310	1317	rVB2	967032	1806161	0.76%	0.176%
72	14.854	1928	1934	1945	rVB	290819	483344	0.20%	0.047%
73	17.598	2394	2401	2406	rBV	321726	524616	0.22%	0.051%
74	17.944	2452	2460	2465	rBV4	376788	931242	0.39%	0.091%
75	18.362	2520	2531	2544	rBV6	498773	1761022	0.74%	0.172%
76	18.479	2545	2551	2557	rVV	952338	1545756	0.65%	0.151%

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77	18.608	2565	2573	2578	rVV3	167664	491361	0.21%	0.048%
78	19.319	2690	2694	2704	rVB	987295	1432531	0.60%	0.140%
79	19.642	2735	2749	2760	rBV	740316	2539834	1.06%	0.247%
80	20.506	2890	2896	2902	rVV	8722910	13351391	5.59%	1.301%
81	20.612	2908	2914	2921	rVB	552950	1208009	0.51%	0.118%
82	20.823	2944	2950	2952	rVV	849602	1353346	0.57%	0.132%
83	20.859	2952	2956	2962	rVB2	1493560	2511399	1.05%	0.245%
84	20.970	2970	2975	2981	rVV	522199	1334383	0.56%	0.130%
85	21.023	2981	2984	2995	rVB	464123	964664	0.40%	0.094%
86	21.141	3000	3004	3015	rBV	621436	1508842	0.63%	0.147%
87	21.564	3054	3076	3117	rBV8	14932454	238680065	100.00%	23.254%
88	21.893	3131	3132	3150	rVB	11994378	26791403	11.22%	2.610%
89	22.069	3159	3162	3165	rVB2	1210824	1480570	0.62%	0.144%
90	22.110	3165	3169	3179	rVB2	2278013	4795518	2.01%	0.467%
91	22.198	3180	3184	3187	rBV	1184729	2007189	0.84%	0.196%
92	22.257	3188	3194	3199	rBV3	1959432	3553684	1.49%	0.346%
93	22.304	3199	3202	3207	rVB3	1617170	2686524	1.13%	0.262%
94	22.357	3207	3211	3214	rBV	1400827	1995650	0.84%	0.194%
95	22.398	3214	3218	3222	rBV2	1014088	2001955	0.84%	0.195%
96	22.545	3239	3243	3254	rVB2	825315	1813367	0.76%	0.177%
97	22.909	3278	3305	3311	rBV3	11469063	57905654	24.26%	5.642%
98	23.644	3408	3430	3462	rVB	2806756	19433625	8.14%	1.893%
99	24.031	3484	3496	3503	rBV	2806469	12827644	5.37%	1.250%
100	24.942	3645	3651	3664	rBV7	224747	863265	0.36%	0.084%

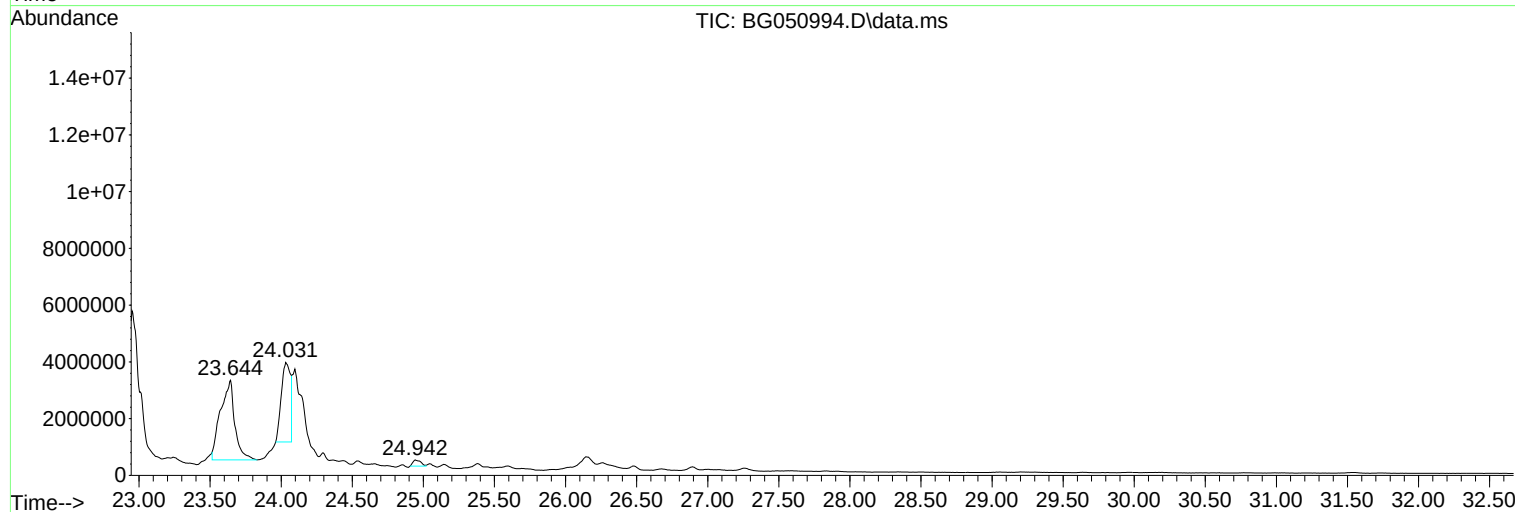
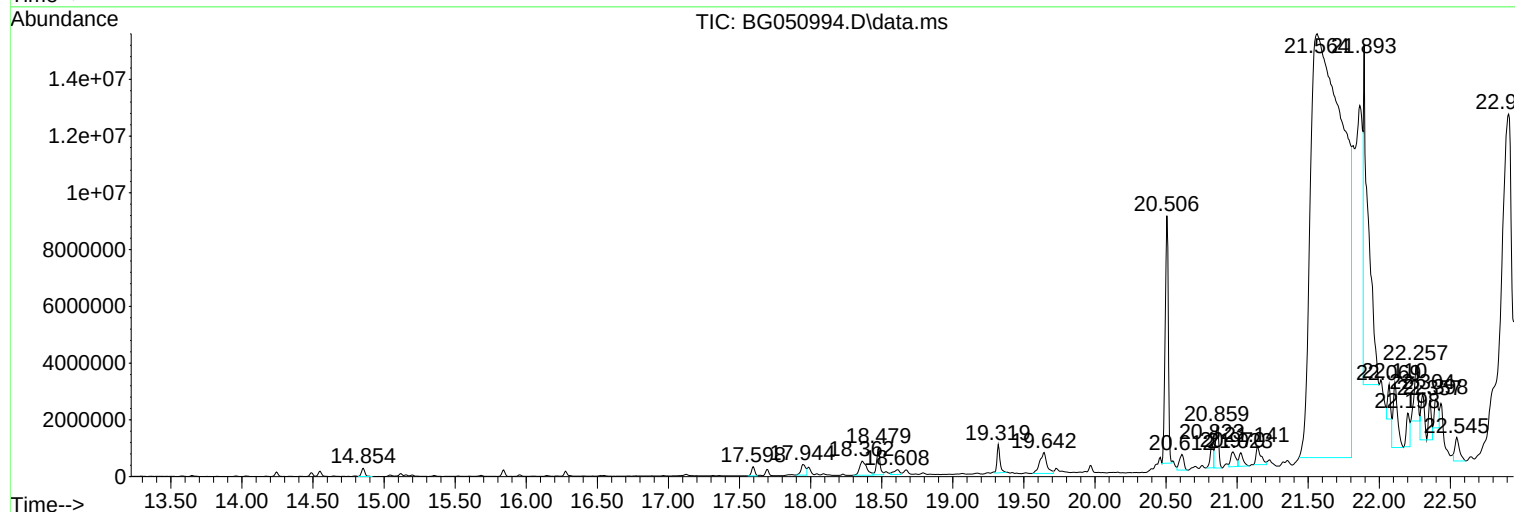
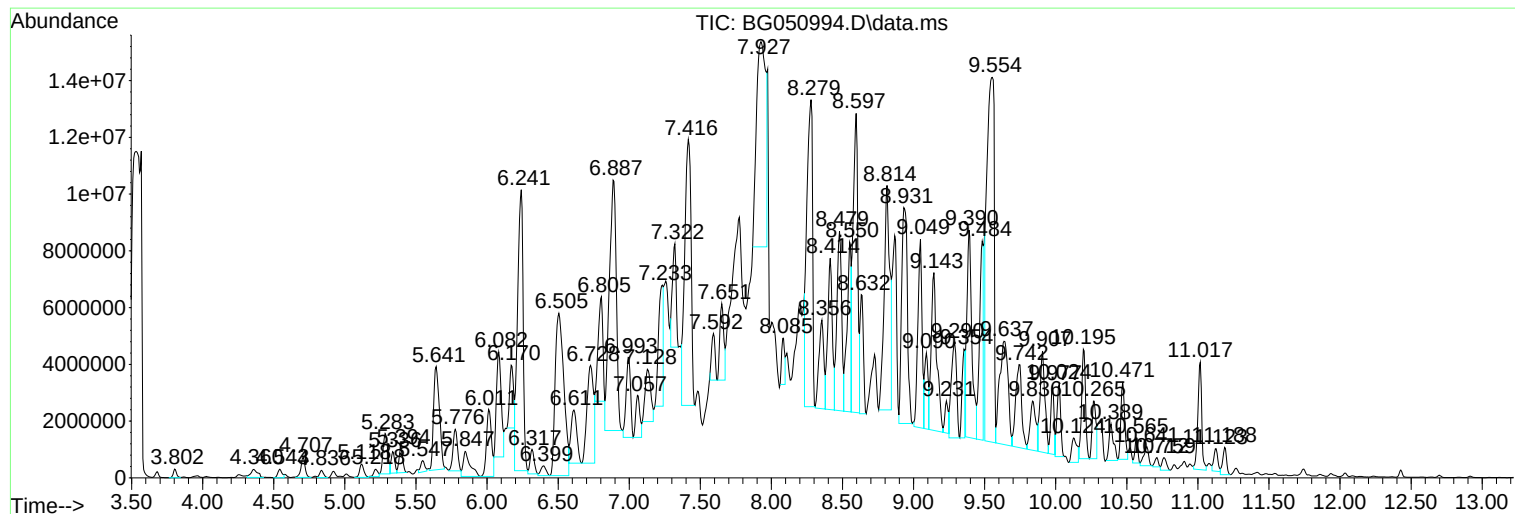
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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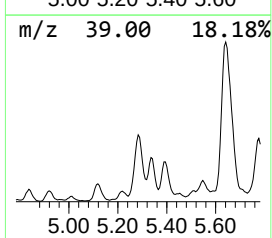
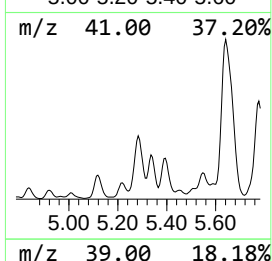
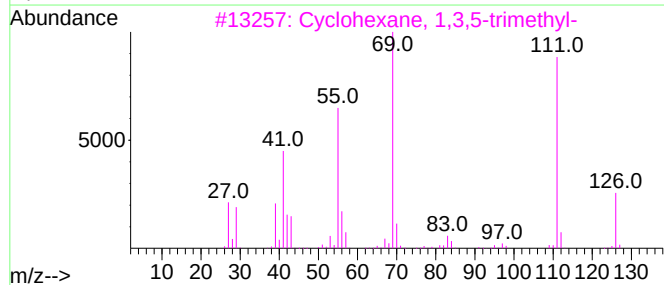
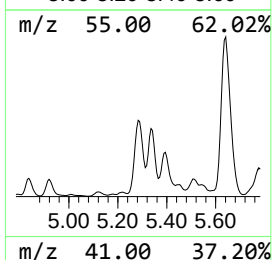
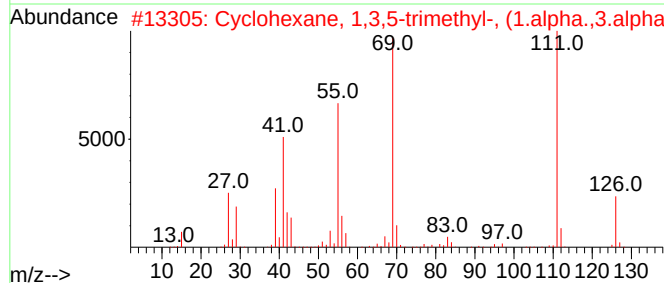
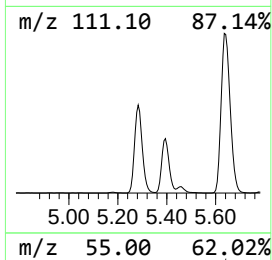
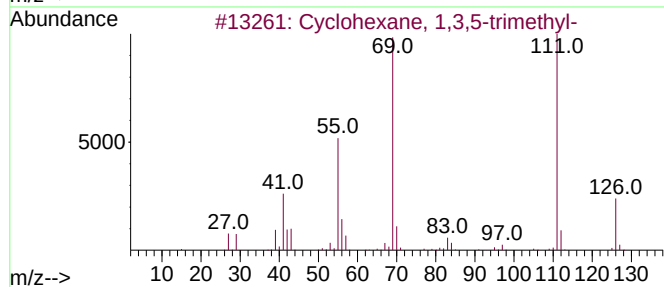
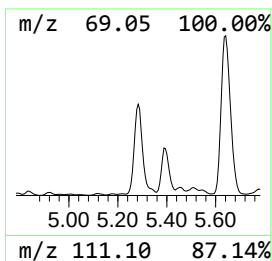
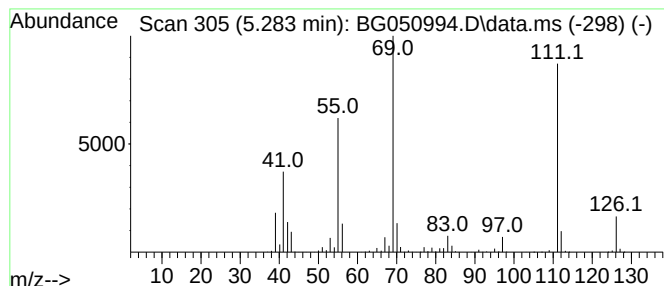
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic5.283 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.283	2.19 ng/ul	3264940	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	94
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	94
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	87
5			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	78



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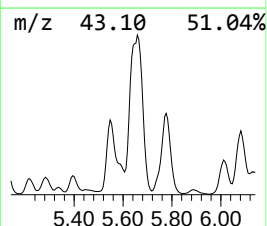
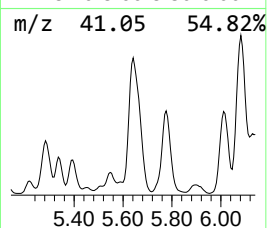
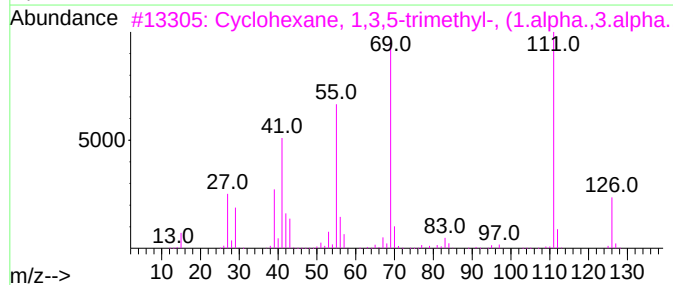
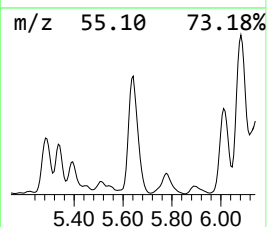
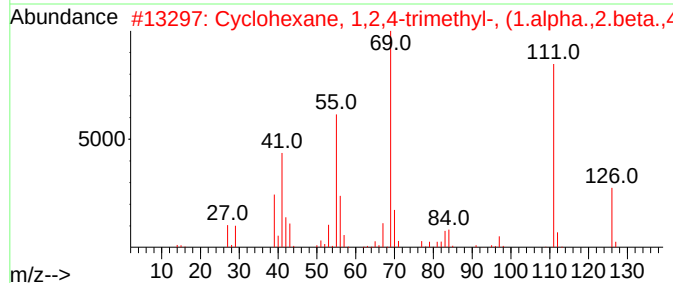
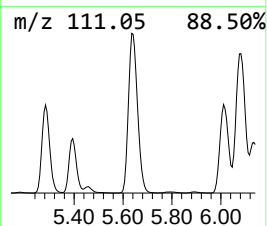
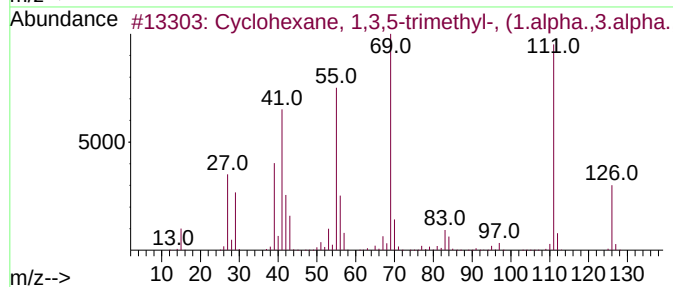
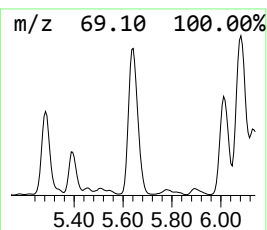
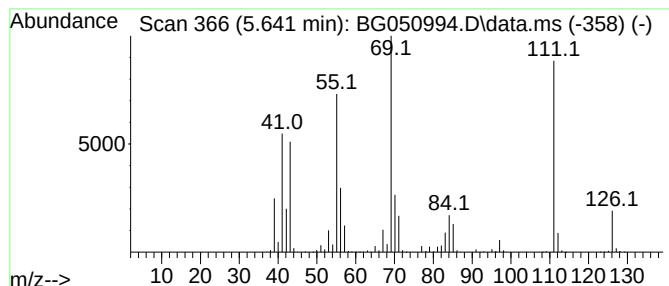
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic5.641 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.641	6.92 ng/ul	10333200	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64



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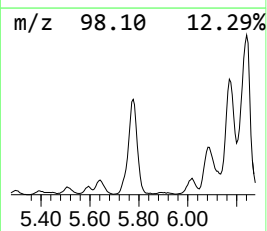
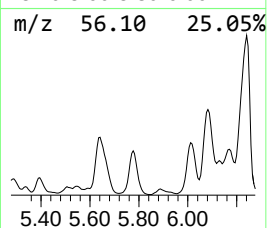
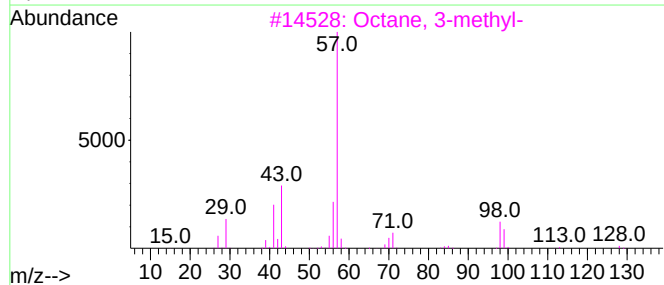
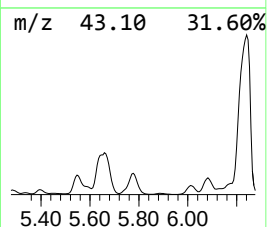
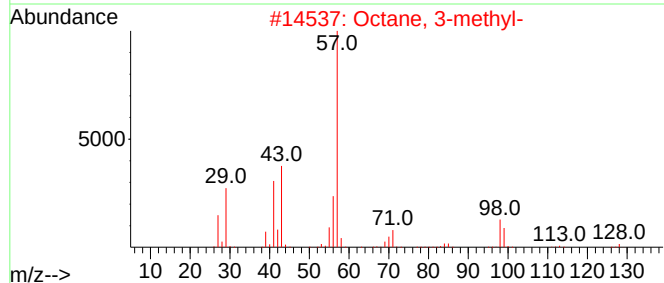
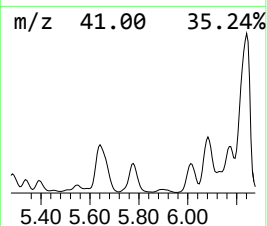
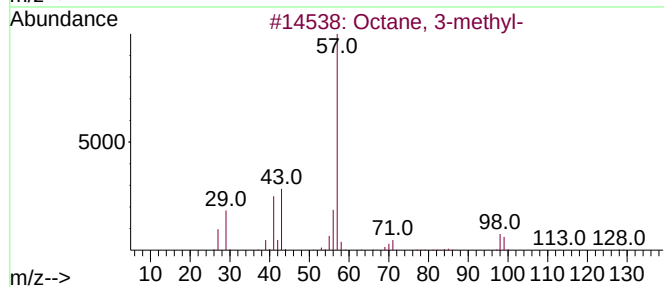
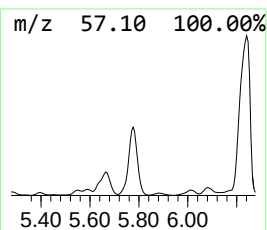
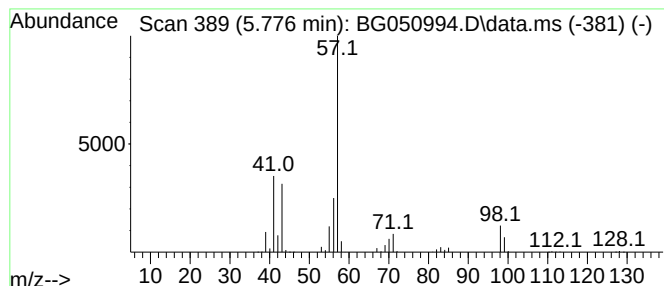
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.776	2.16 ng/ul	3226730	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	90
2			Octane, 3-methyl-	128	C9H20	002216-33-3	78
3			Octane, 3-methyl-	128	C9H20	002216-33-3	78
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

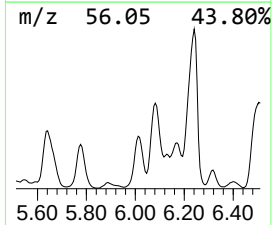
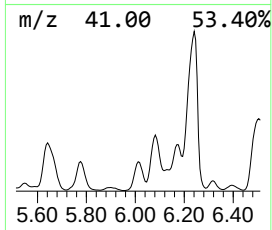
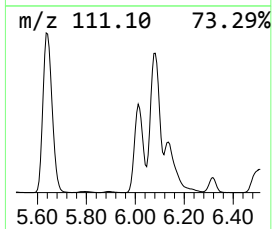
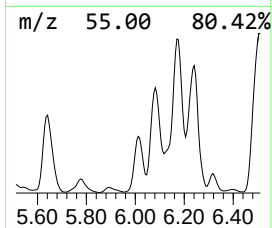
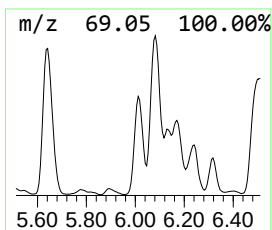
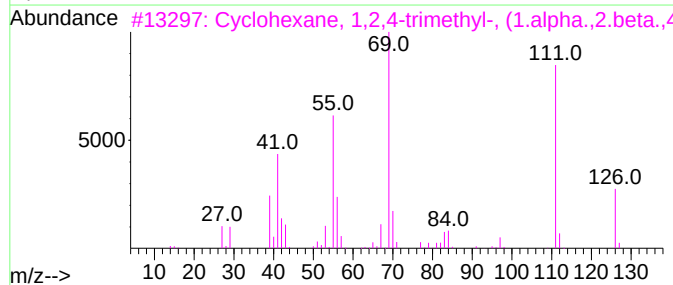
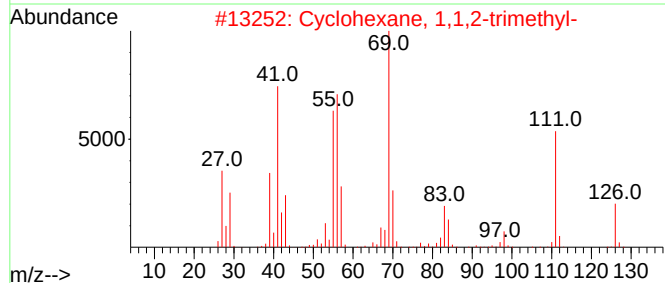
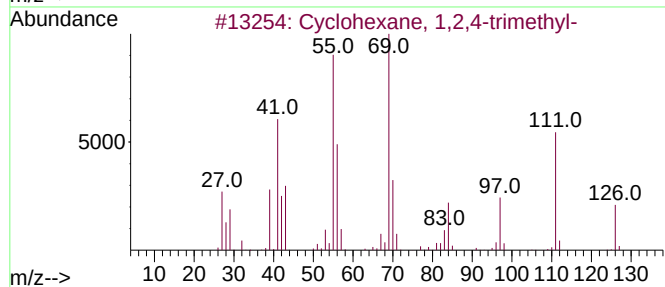
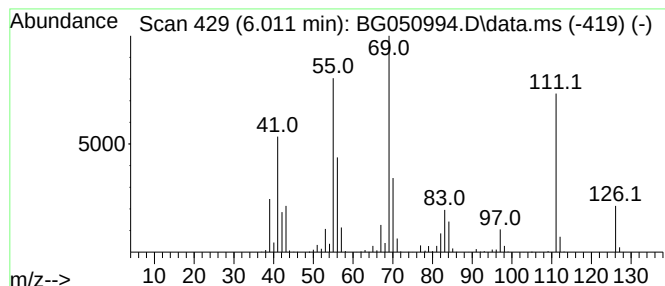
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic6.011 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.011	3.95 ng/ul	5898670	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	90
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
4			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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ClientSampleId :
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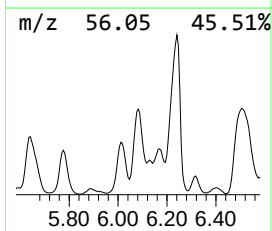
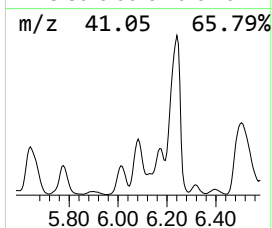
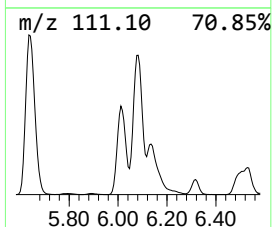
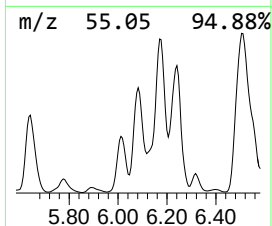
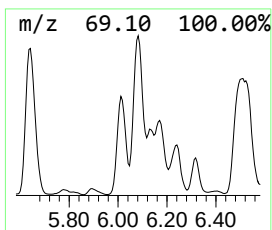
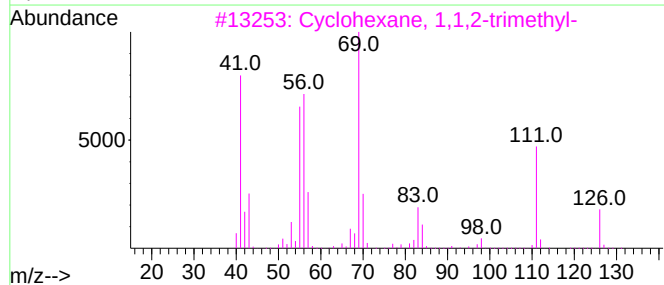
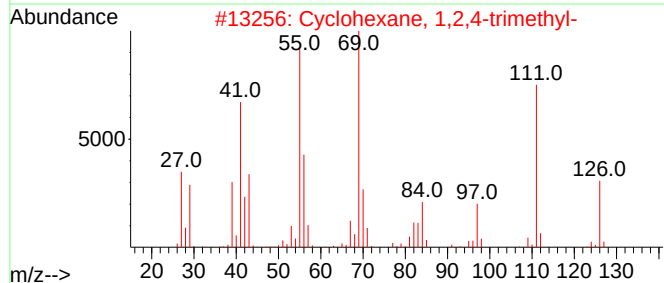
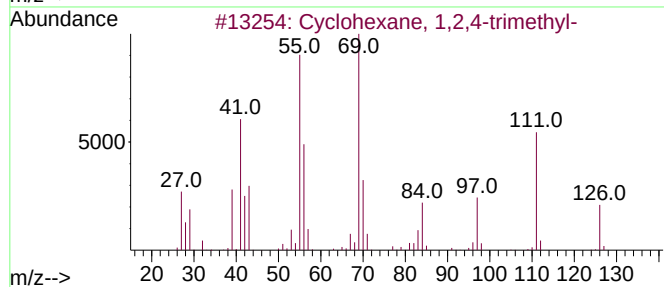
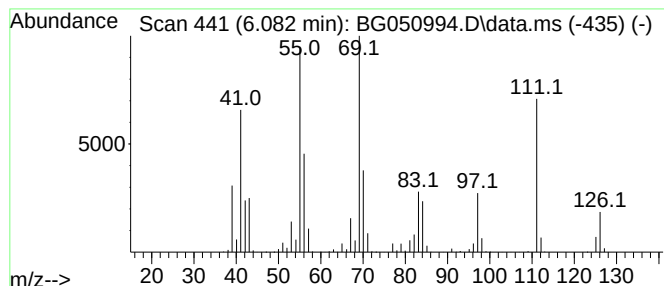
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic6.082 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.082	5.94 ng/ul	8872860	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	96
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	76
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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Acq On : 12 Nov 2021 10:16
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ClientSampleId :
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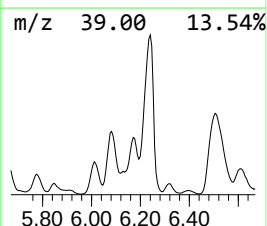
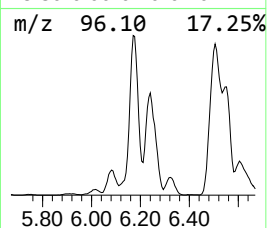
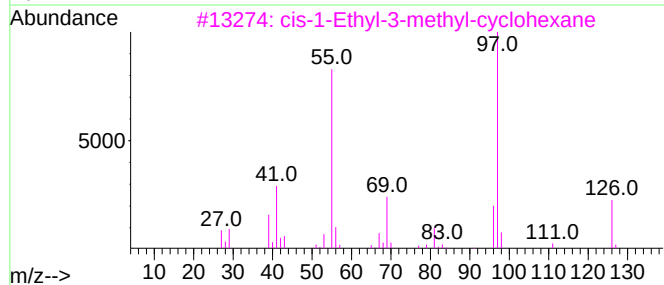
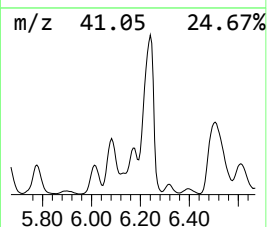
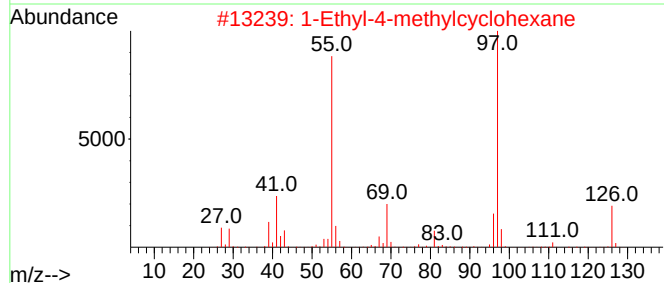
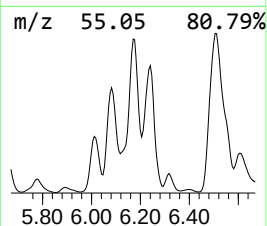
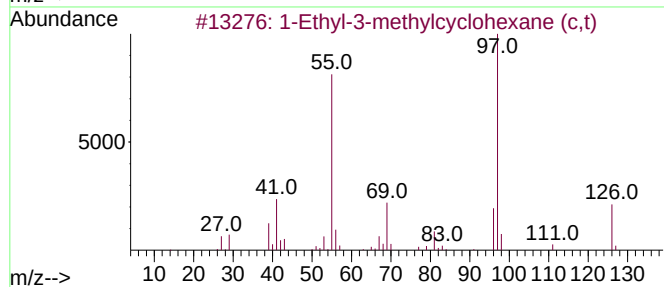
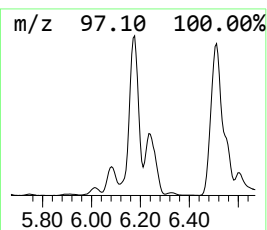
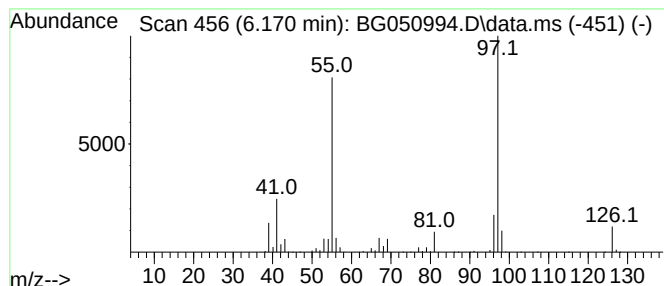
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic6.170 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.170	2.93 ng/ul	4377940	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
4			Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	72
5			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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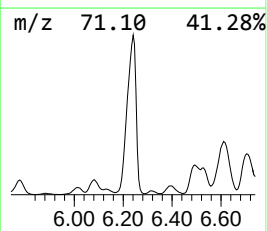
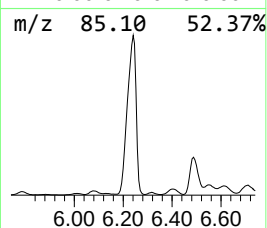
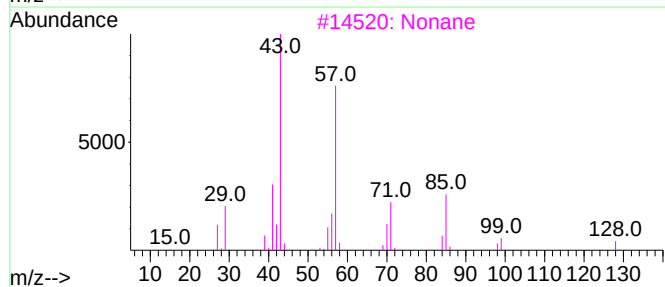
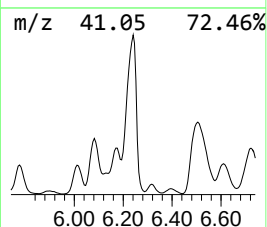
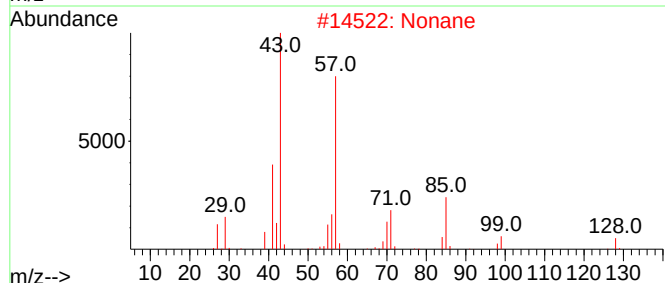
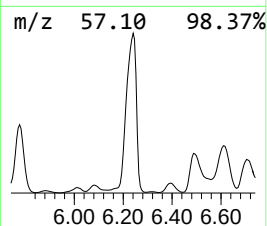
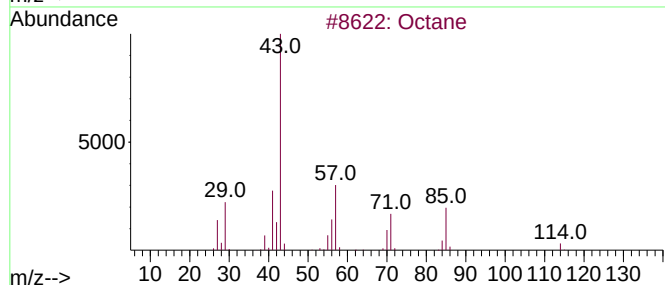
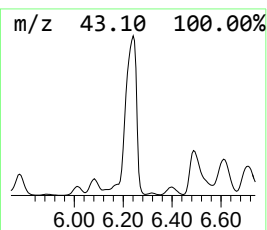
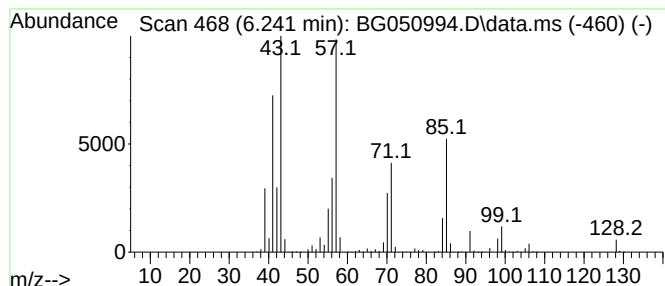
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.241	17.96 ng/ul	26804700	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	78
2	Nonane			128	C9H20	000111-84-2	72
3	Nonane			128	C9H20	000111-84-2	64
4	Butanoic acid, 2-methyl-, 1,2-di...			172	C10H20O2	084696-83-3	53
5	Octane, 4-methyl-			128	C9H20	002216-34-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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ClientSampleId :
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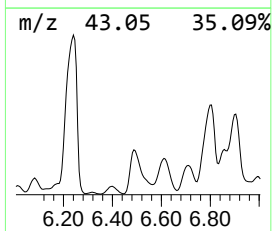
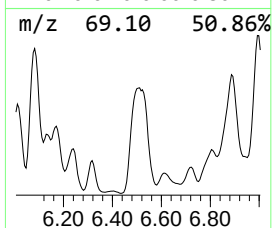
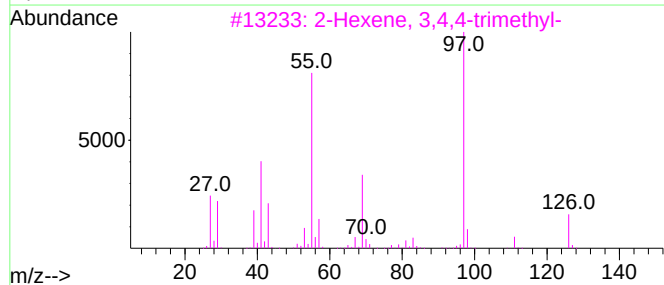
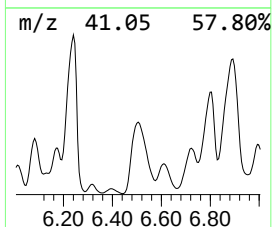
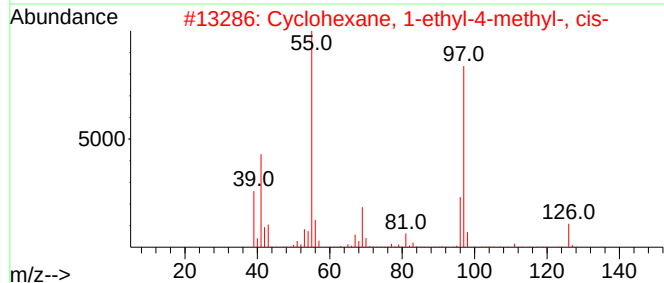
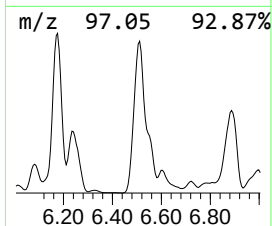
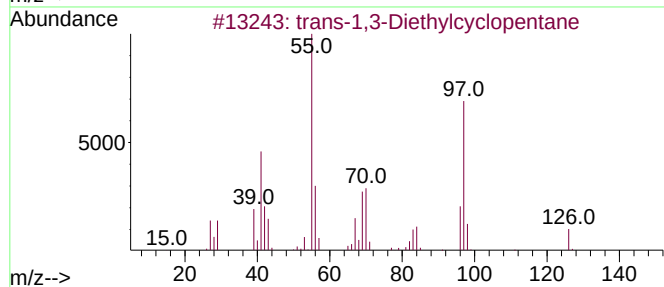
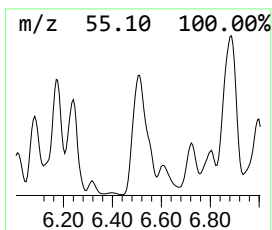
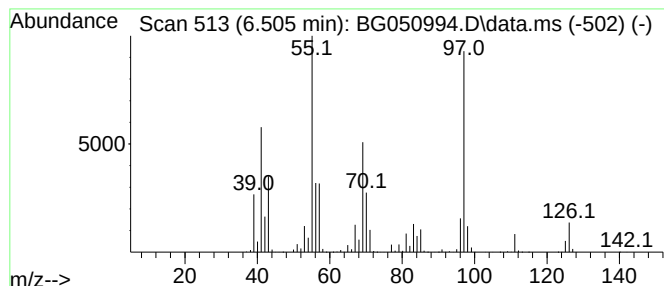
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic6.505 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.505	16.35 ng/ul	24403600	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	58
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
3			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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ClientSampleId :
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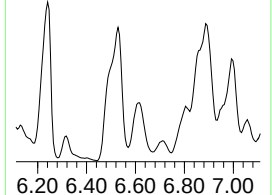
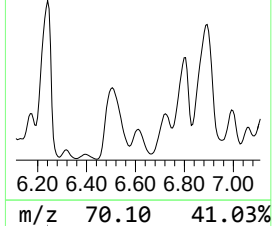
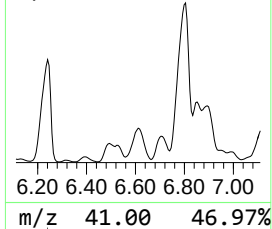
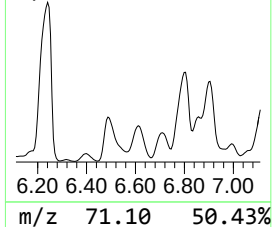
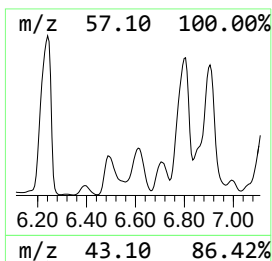
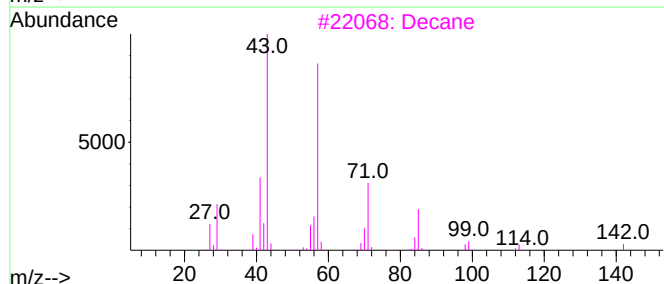
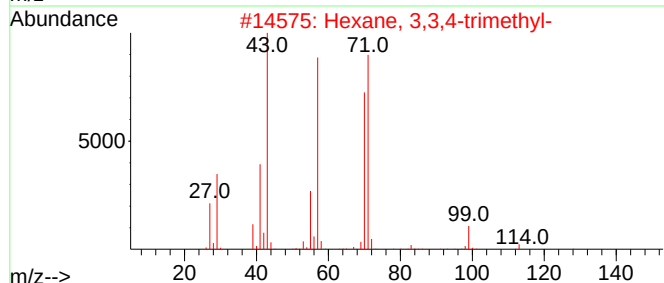
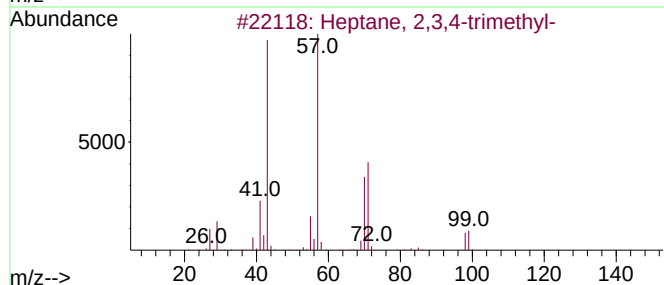
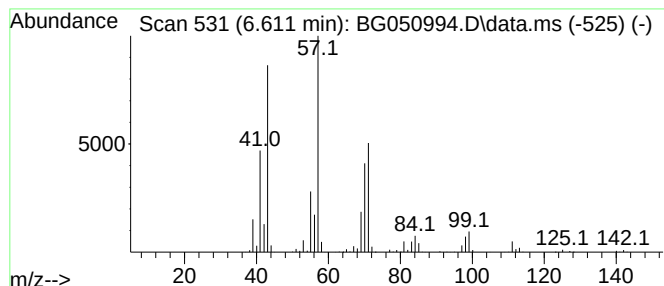
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.611	3.58 ng/ul	5349180	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
2			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	53
3			Decane	142	C10H22	000124-18-5	52
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
5			Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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Acq On : 12 Nov 2021 10:16
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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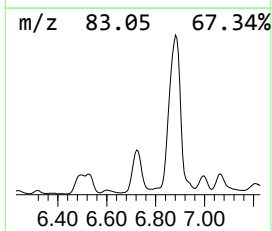
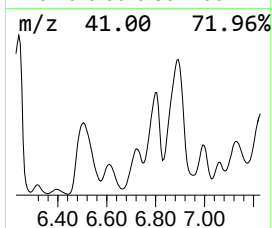
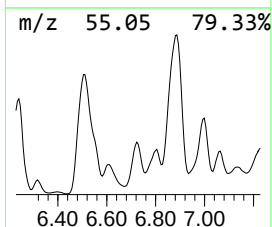
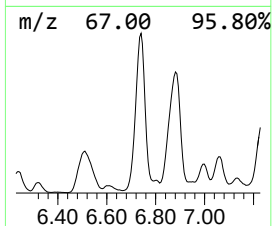
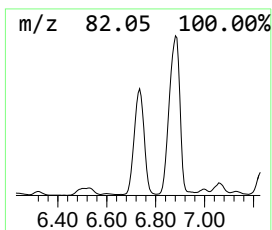
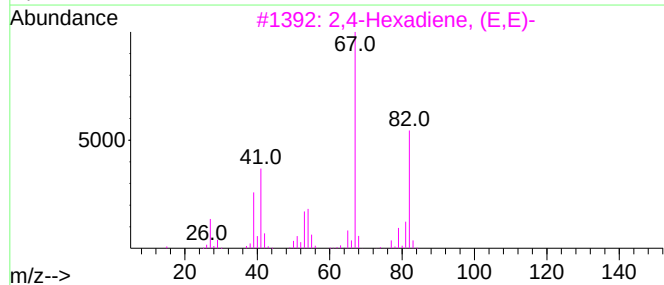
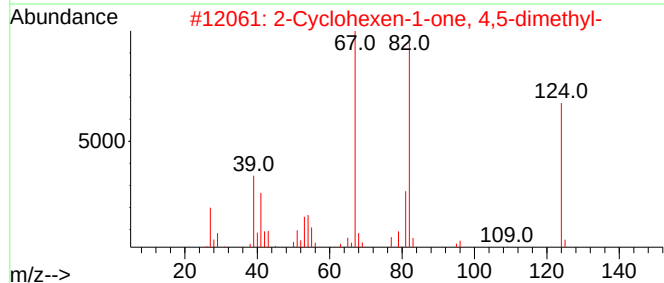
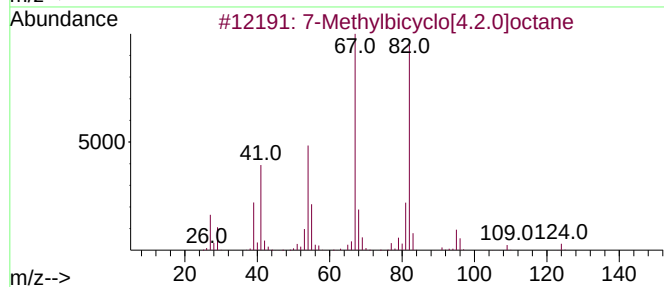
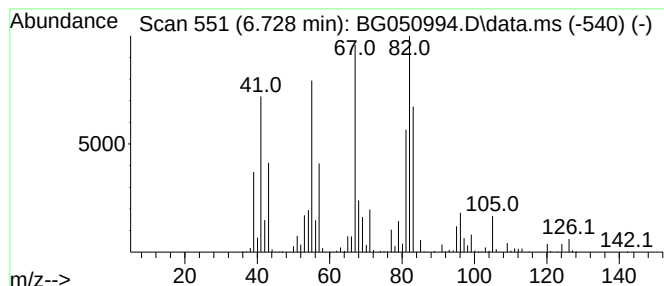
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 7-Methylbicyclo[4.2.0]octane Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	7.71 ng/ul	11501900	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	52
2			2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	49
3			2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	47
4			2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	46
5			(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

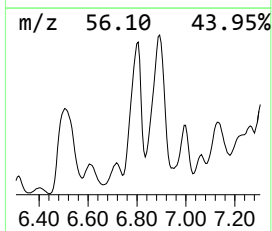
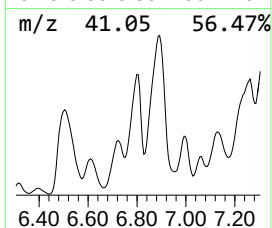
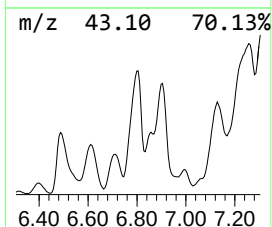
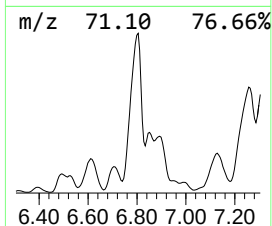
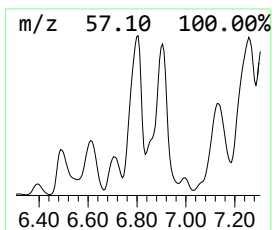
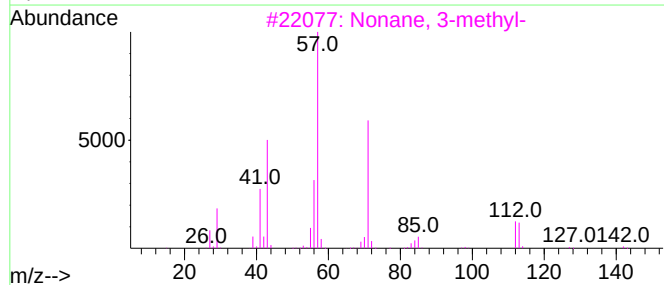
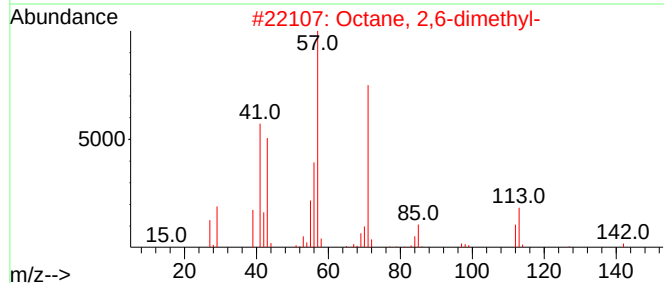
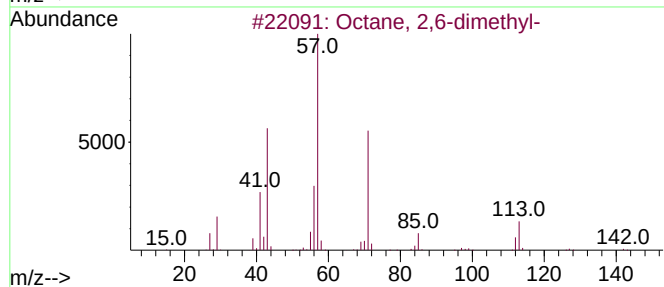
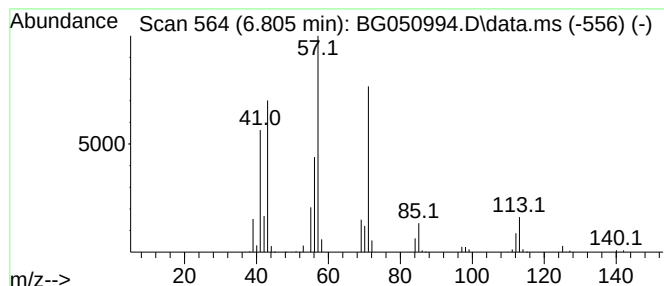
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.805	5.56 ng/ul	8293860	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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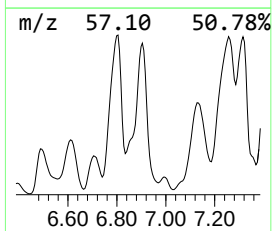
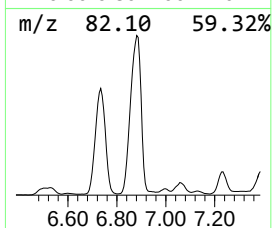
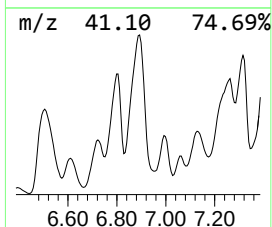
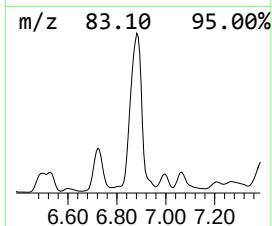
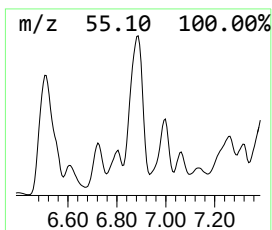
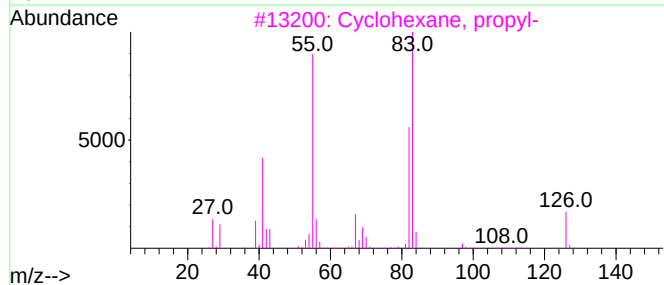
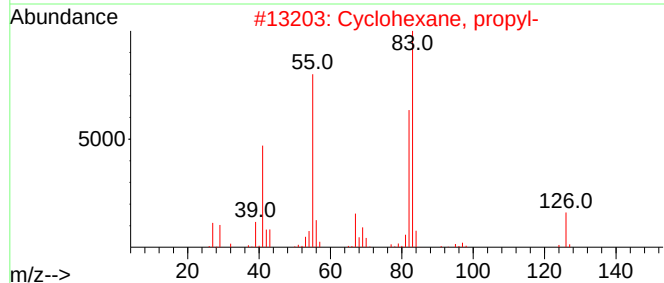
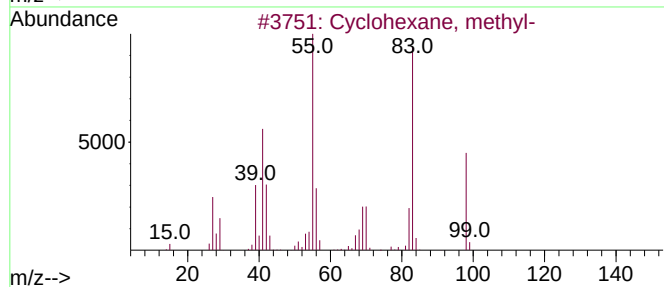
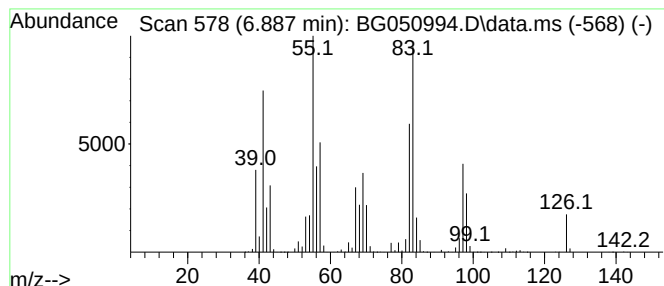
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic6.887 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	20.29 ng/ul	30284100	1,4-Dichlorobenzene-d4	8.215

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, methyl-	98	C7H14	000108-87-2	49
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	46
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	43
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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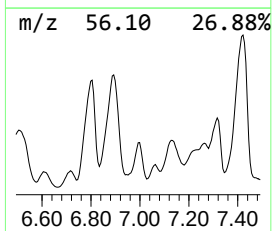
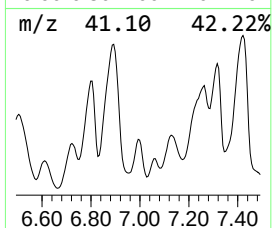
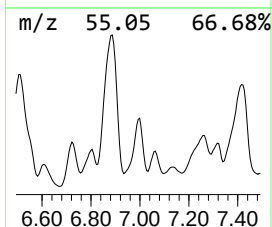
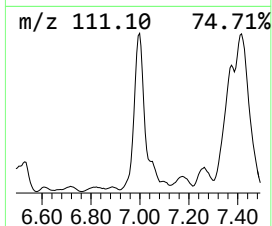
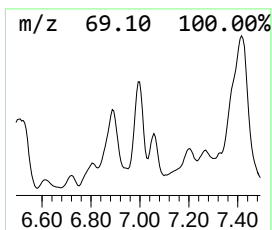
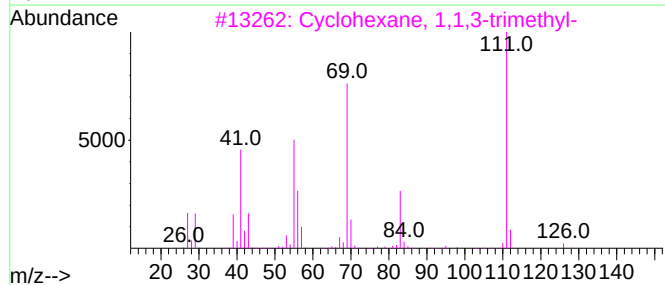
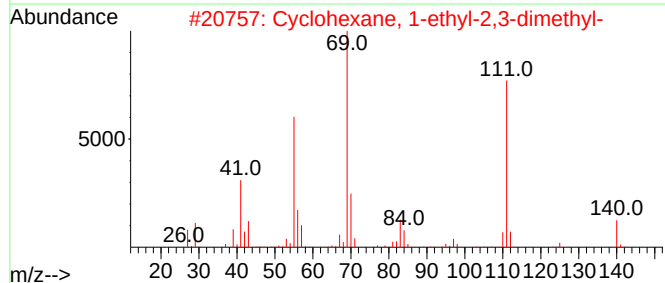
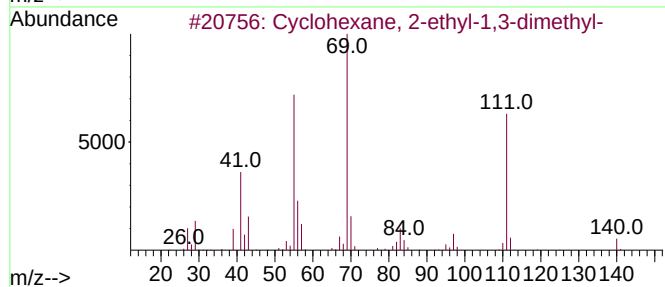
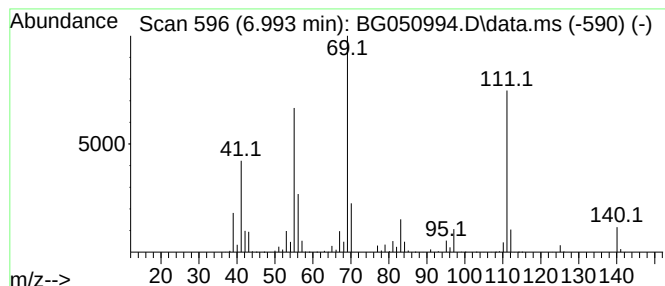
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic6.993 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	4.06 ng/ul	6062710	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	90
2			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	80
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4			2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	59
5			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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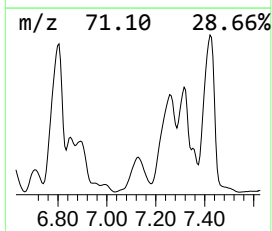
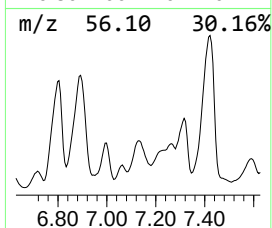
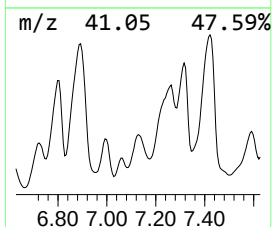
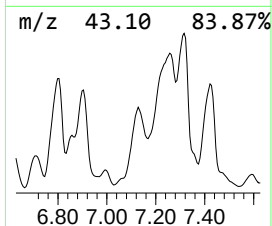
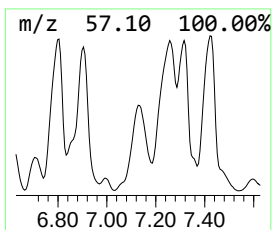
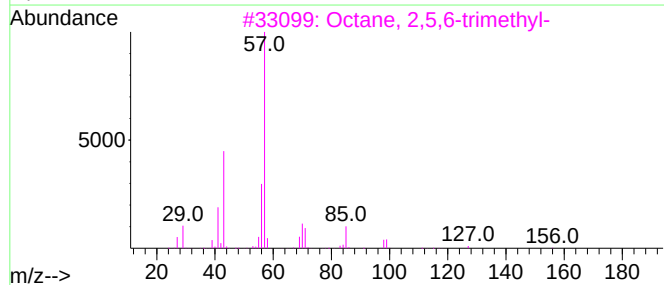
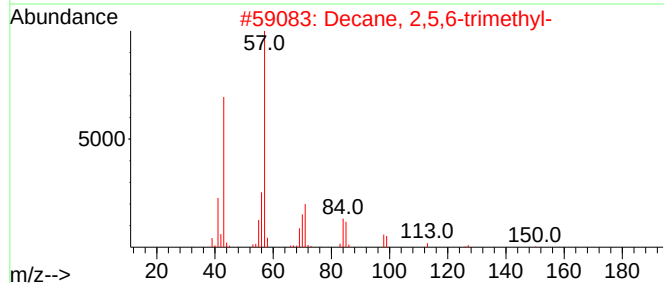
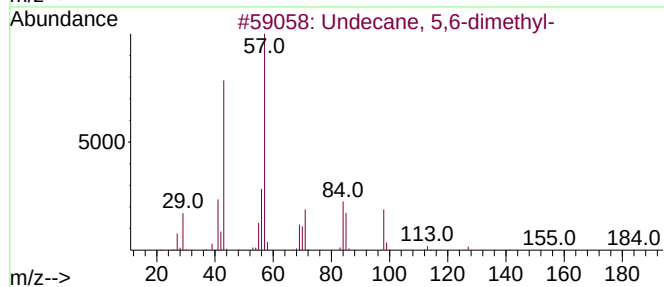
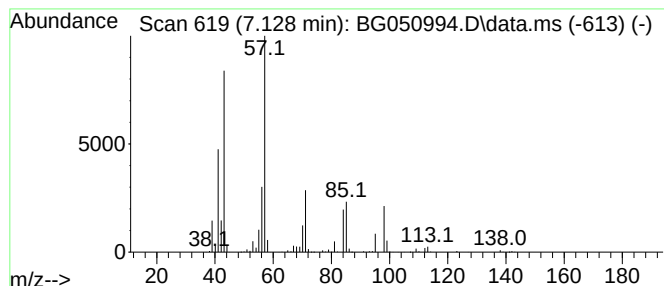
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.128	3.40 ng/ul	5081780	1,4-Dichlorobenzene-d4	8.215	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53
4	Decane, 5-methyl-	156	C11H24	013151-35-4	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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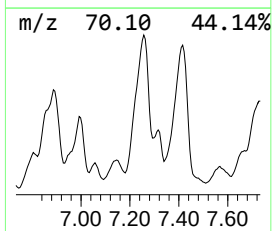
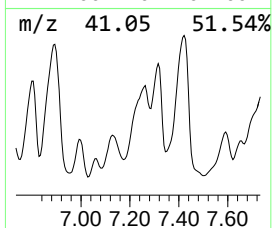
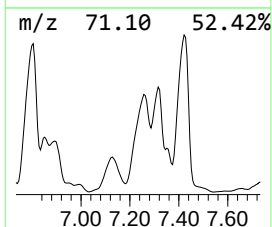
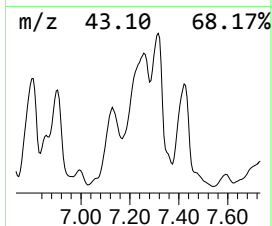
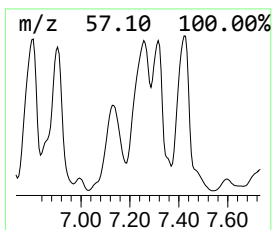
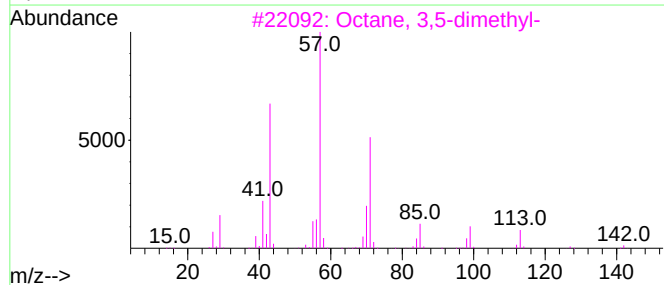
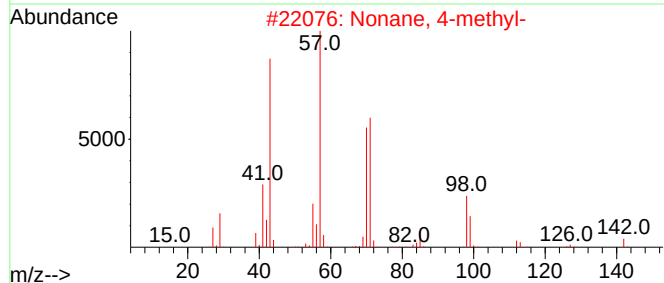
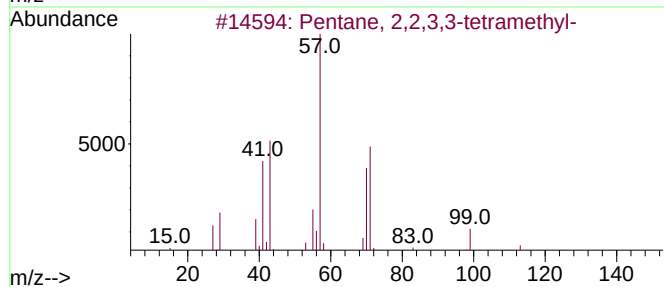
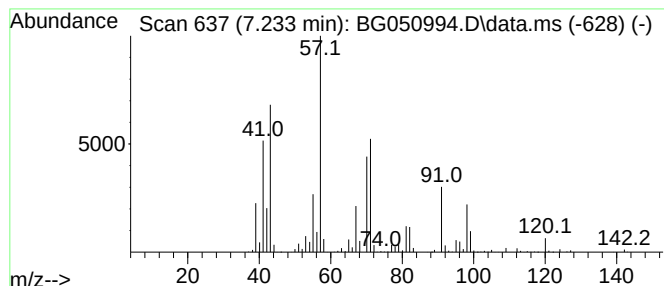
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.233	6.71 ng/ul	10010900	1,4-Dichlorobenzene-d4	8.215

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	47
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	38
5		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
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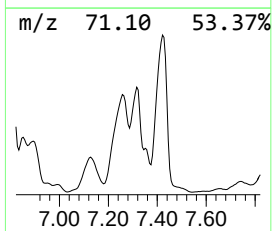
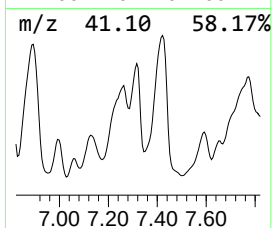
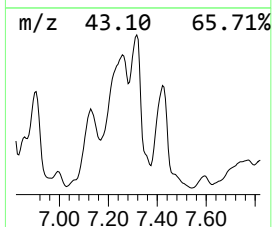
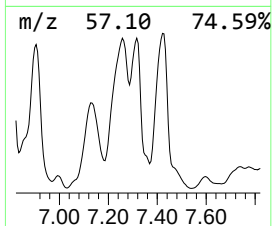
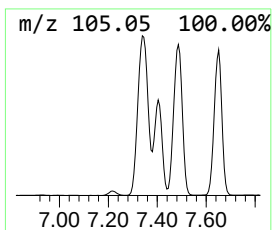
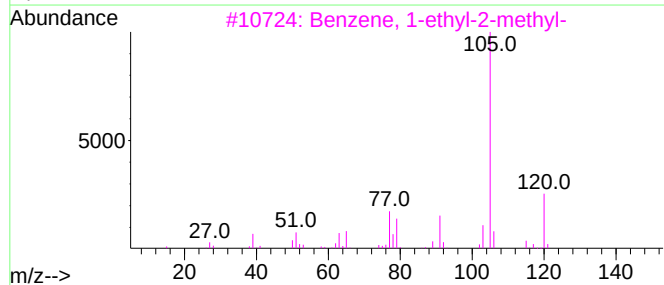
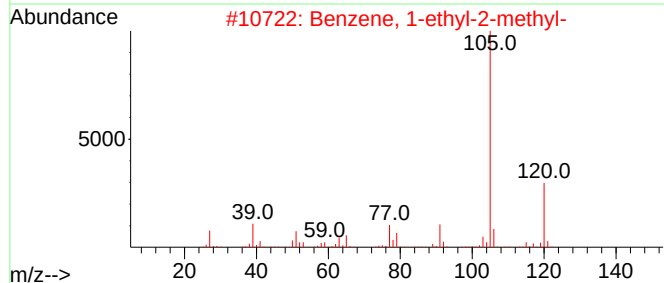
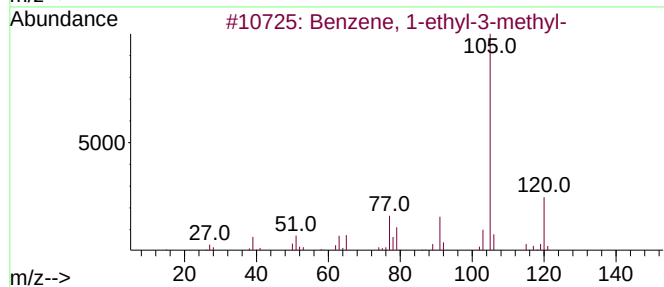
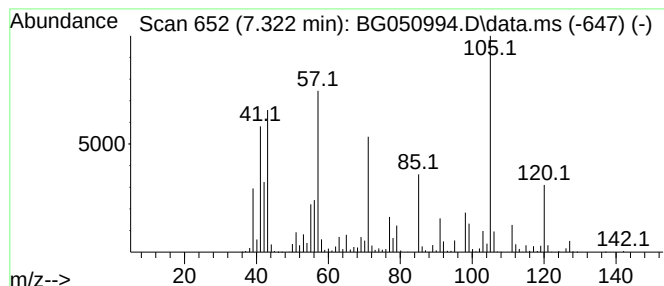
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1-ethyl-3-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.322	4.37 ng/ul	6518870	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	74
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	51
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	47
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

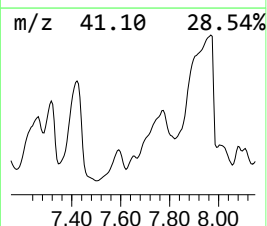
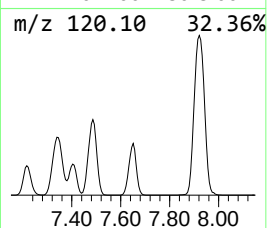
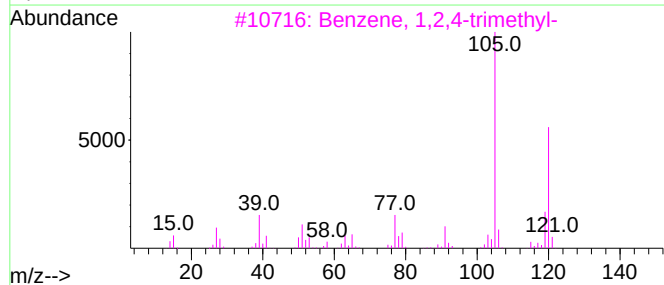
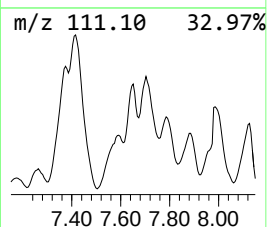
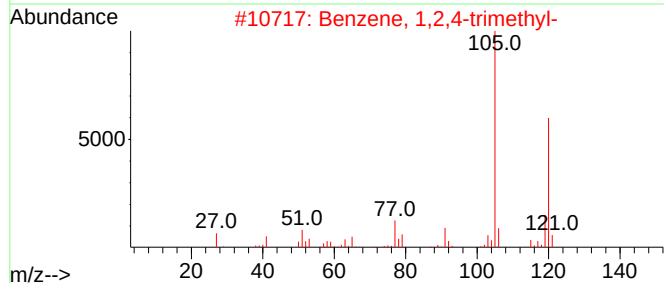
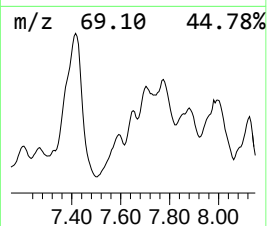
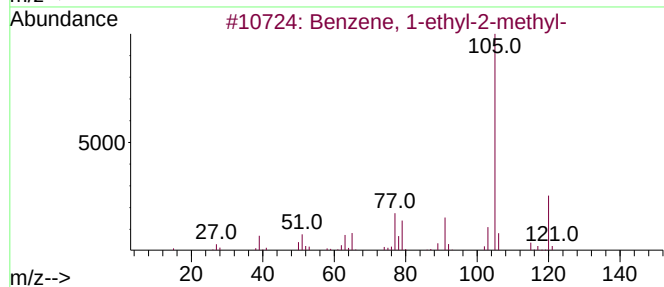
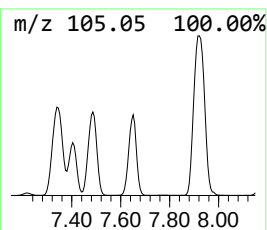
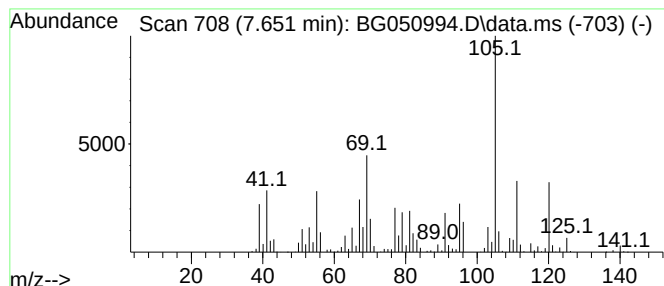
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-ethyl-2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.651	3.59 ng/ul	5357450	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	89
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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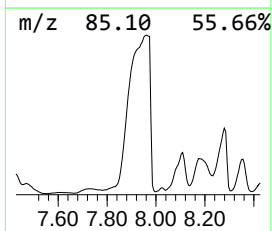
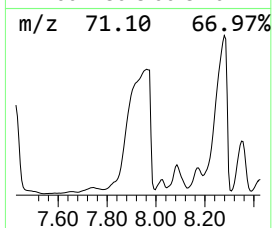
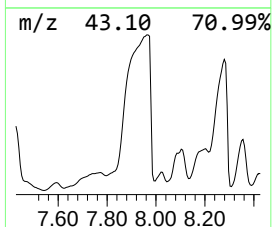
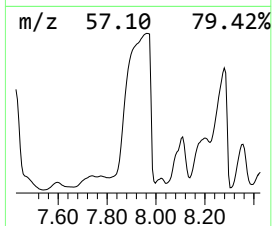
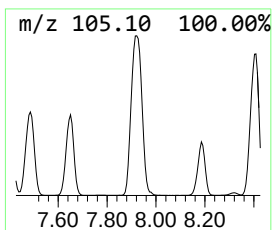
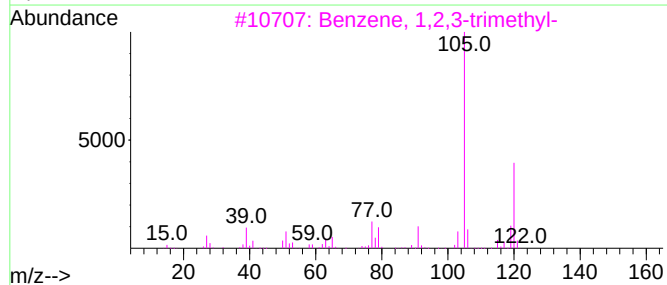
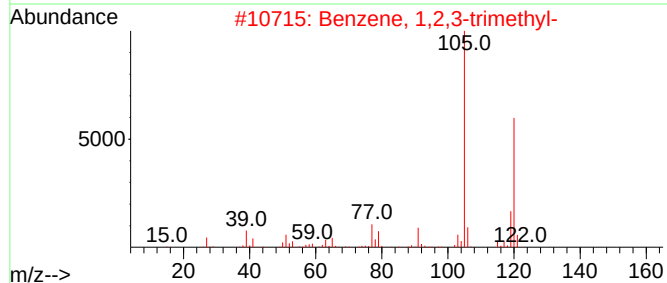
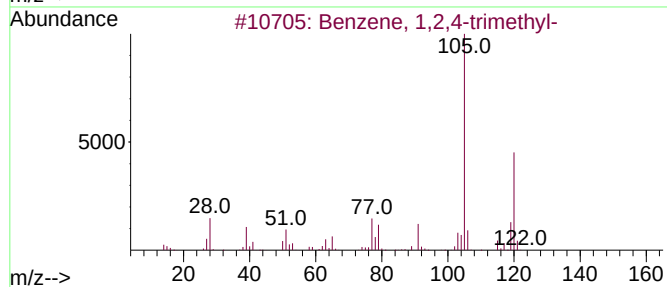
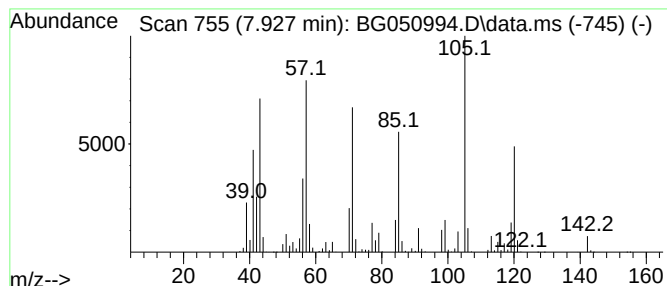
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.927	22.37 ng/ul	33396600	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
4			Mesitylene	120	C9H12	000108-67-8	86
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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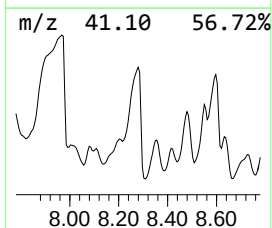
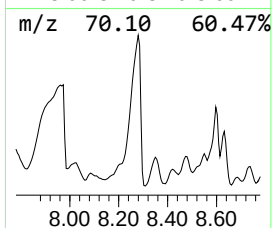
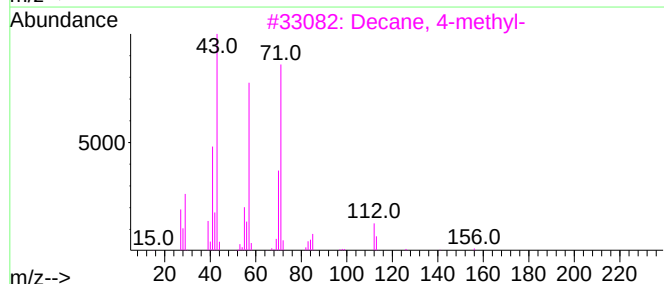
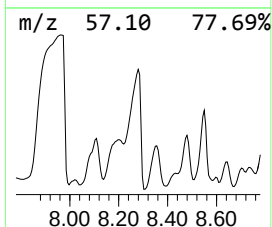
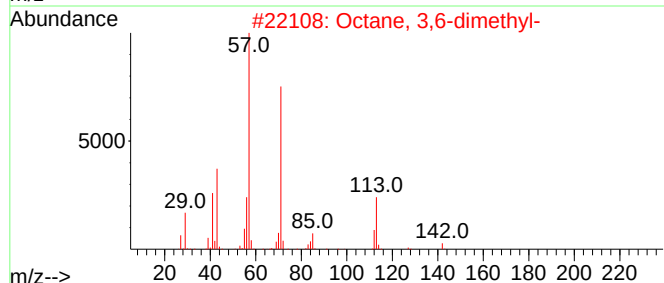
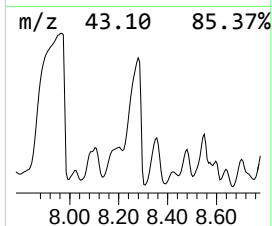
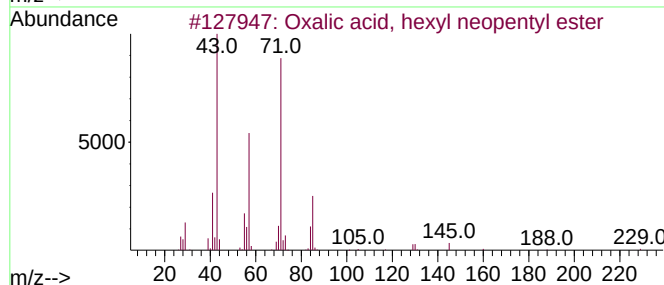
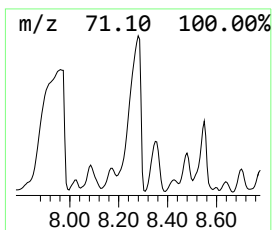
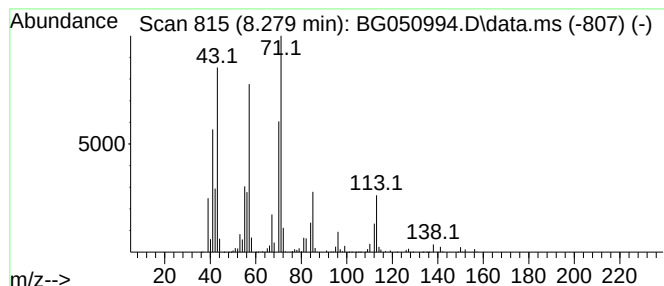
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Oxalic acid, hexyl neopentyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.279	20.00 ng/ul	29853200	1,4-Dichlorobenzene-d4	8.215

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	50
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
3		Decane, 4-methyl-	156	C11H24	002847-72-5	50
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	47
5		3-Bromooctane	192	C8H17Br	000999-64-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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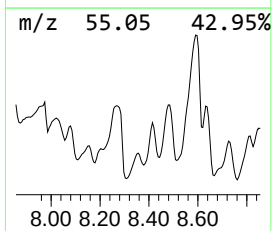
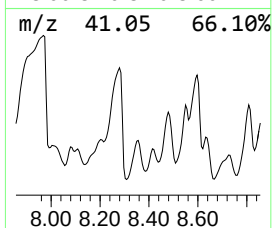
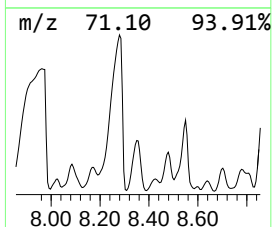
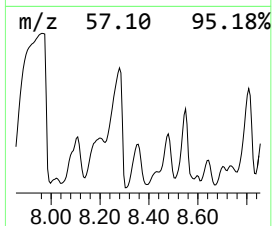
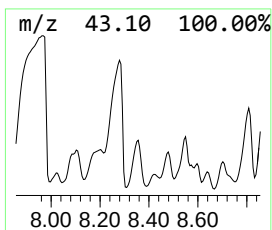
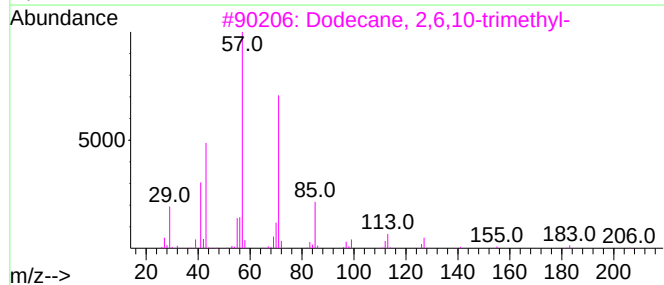
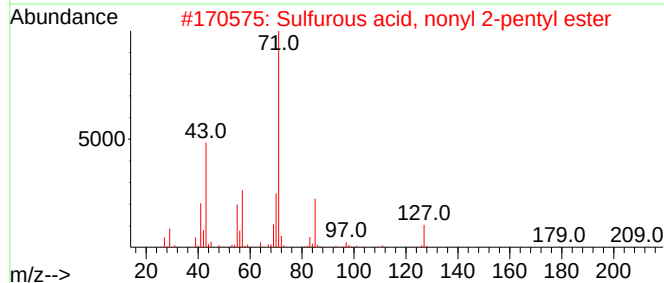
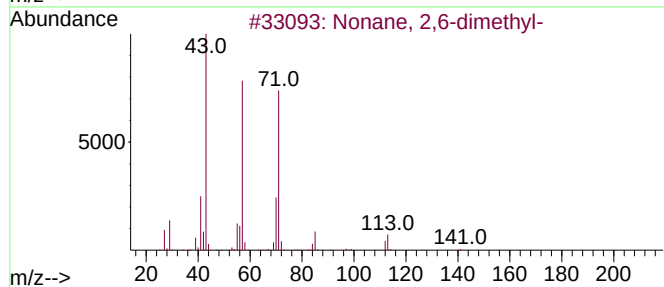
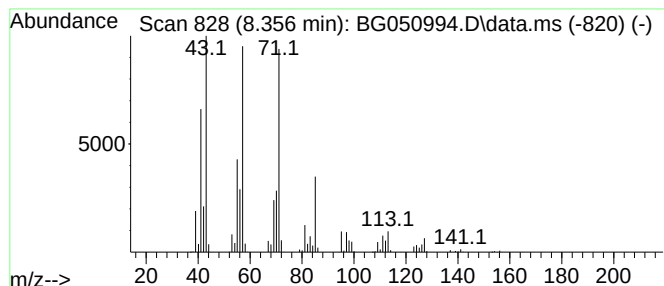
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.356	5.13 ng/ul	7654040	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
2			Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	53
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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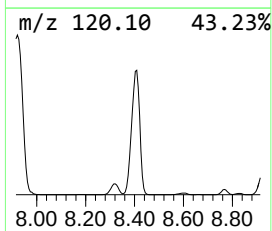
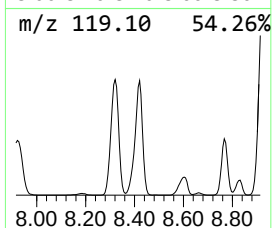
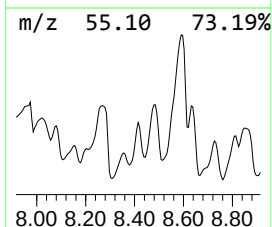
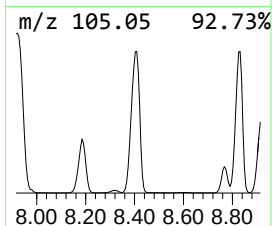
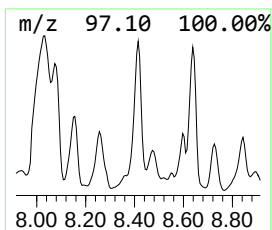
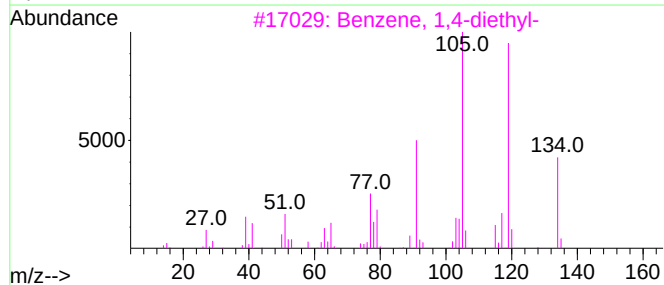
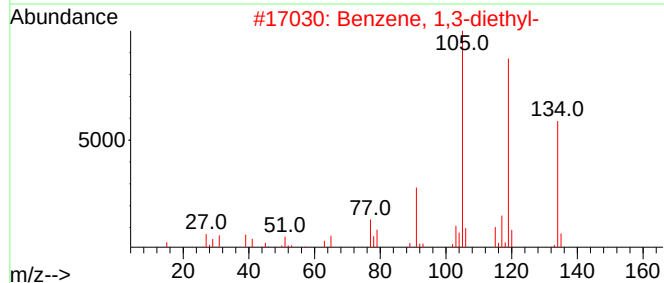
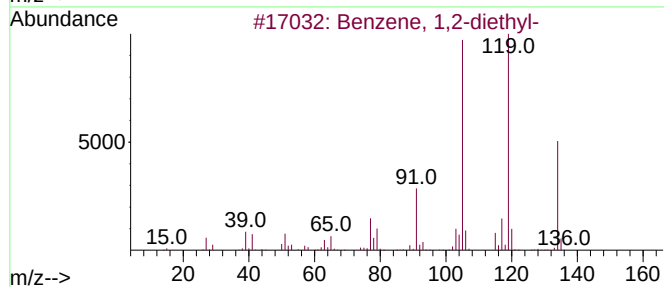
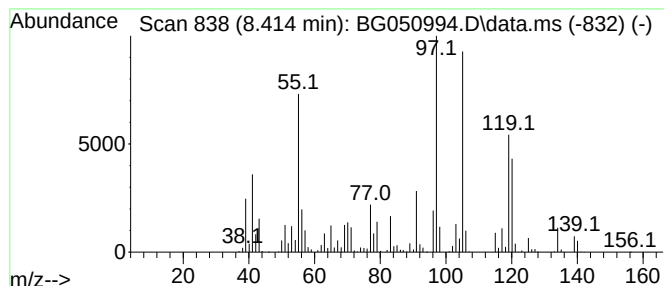
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1,2-diethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.414	8.09 ng/ul	12076300	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	42
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	38
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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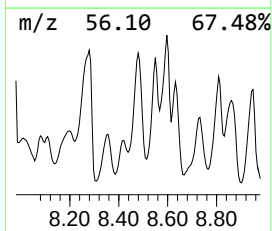
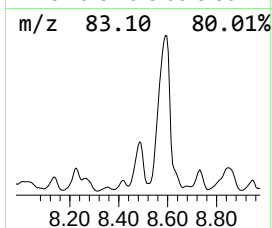
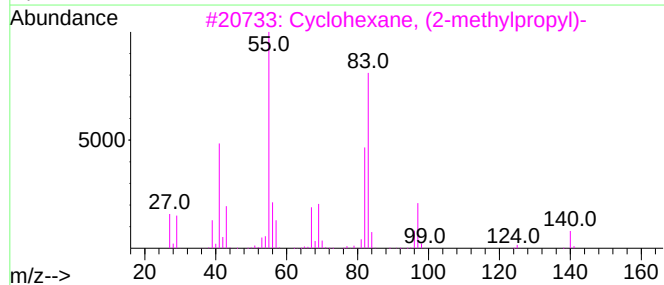
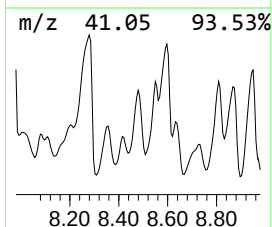
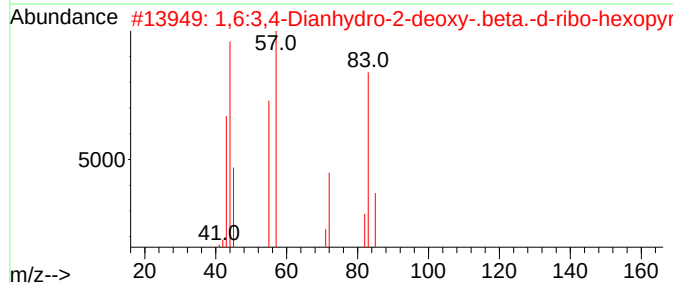
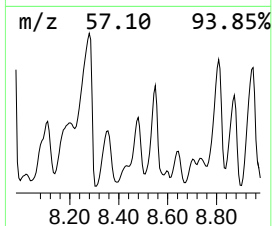
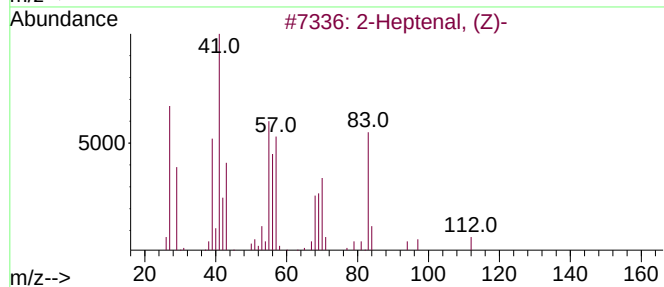
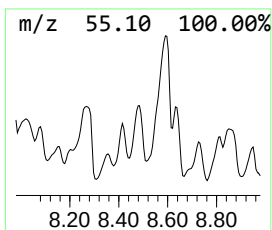
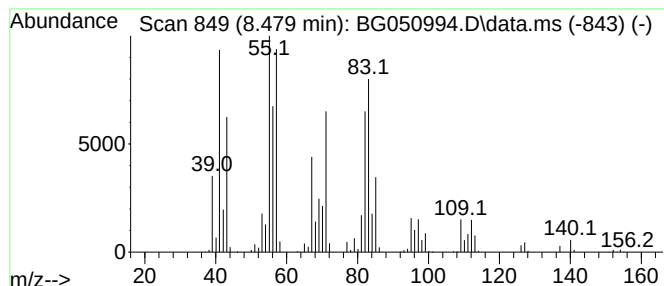
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.479	9.81 ng/ul	14639500	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (Z)-	112	C7H12O	057266-86-1	38
2			1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-52-7	35
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
4			Decyl octyl ether	270	C18H38O	1000406-38-3	27
5			1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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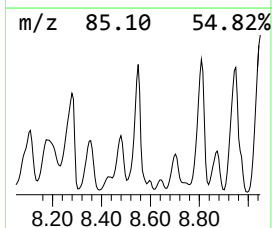
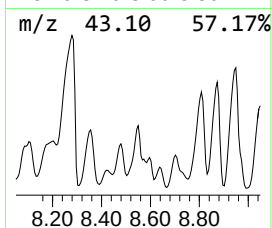
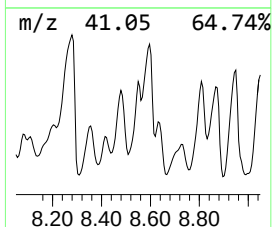
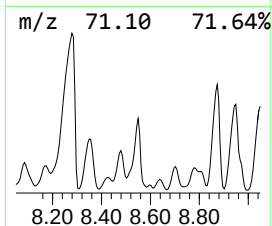
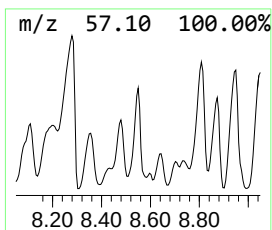
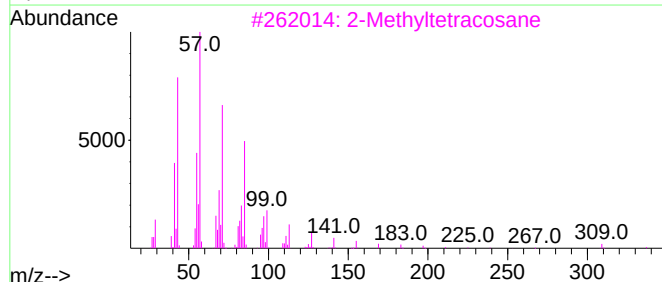
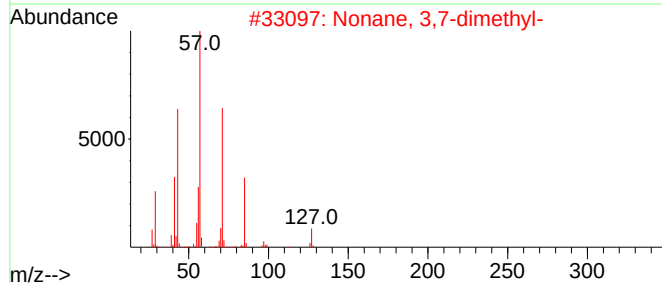
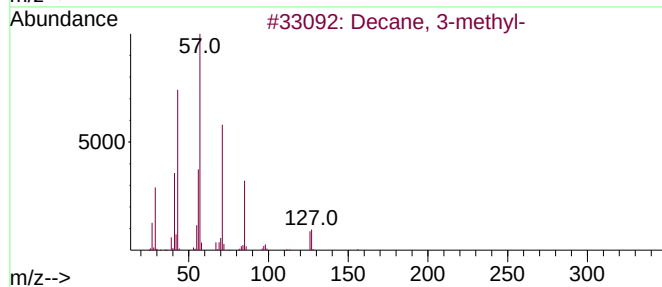
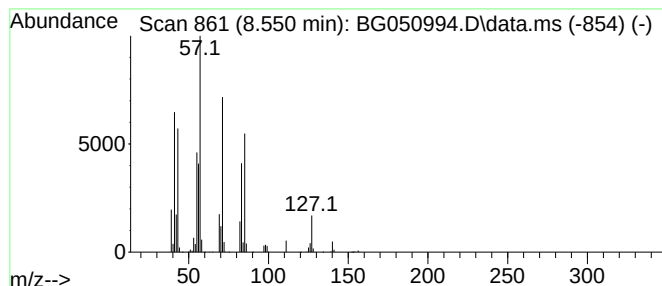
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.550	8.15 ng/ul	12162700	1,4-Dichlorobenzene-d4			8.215
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	70
2	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	64
3	2-Methyltetracosane		352	C25H52	001560-78-7	50
4	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	50
5	10-Methylnonadecane		282	C20H42	056862-62-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

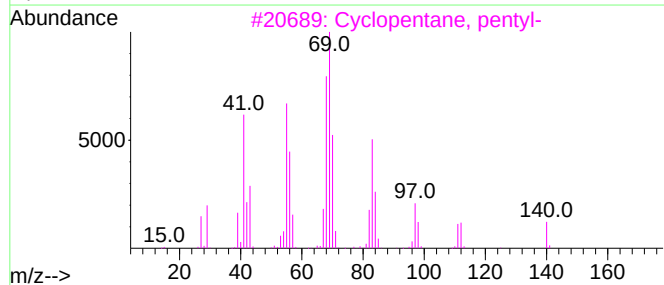
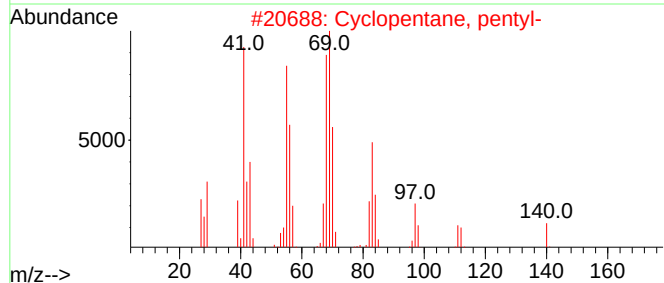
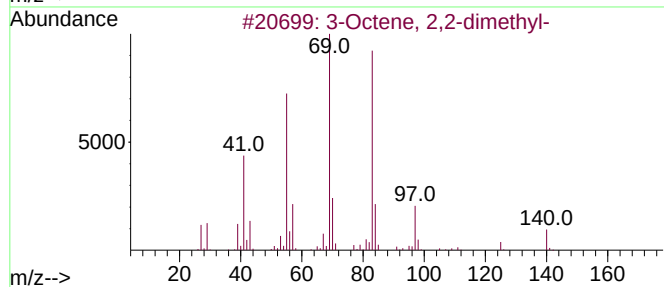
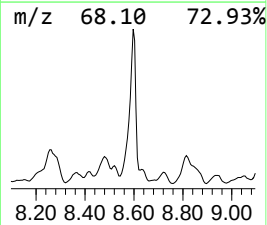
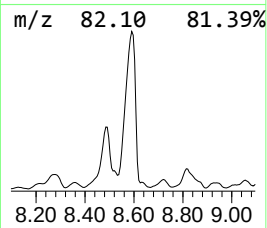
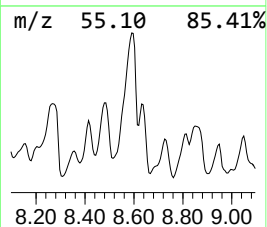
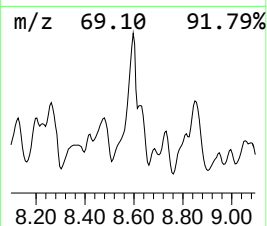
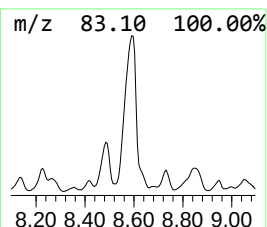
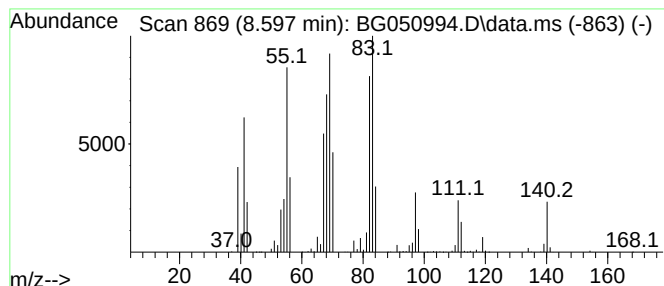
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.597	16.46 ng/ul	24572100	1,4-Dichlorobenzene-d4	8.215	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	55
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	55
3	Cyclopentane, pentyl-	140	C10H20	003741-00-2	47
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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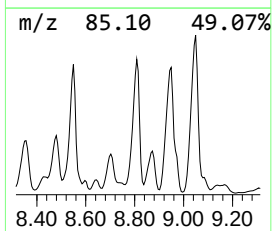
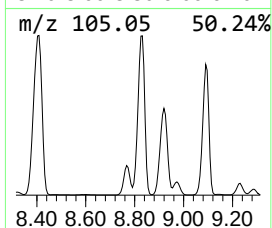
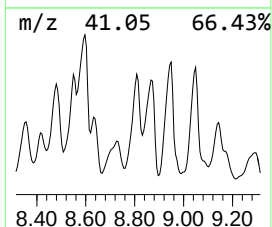
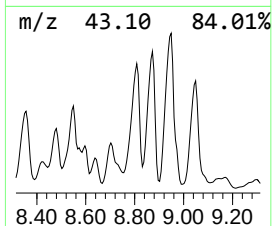
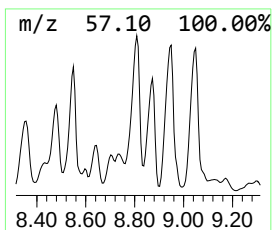
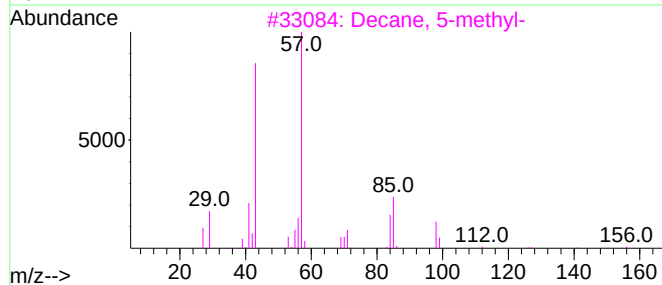
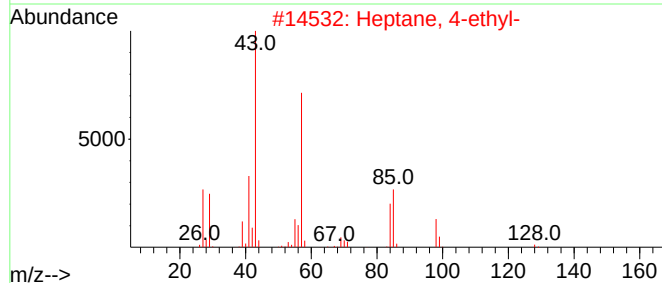
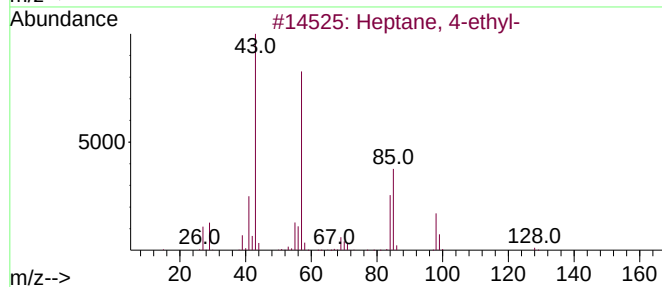
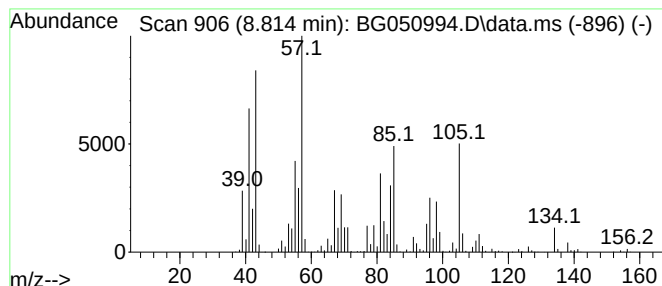
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.814	14.86 ng/ul	22182600	1,4-Dichlorobenzene-d4	8.215

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3		Decane, 5-methyl-	156	C11H24	013151-35-4	46
4		Heptadecane	240	C17H36	000629-78-7	35
5		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

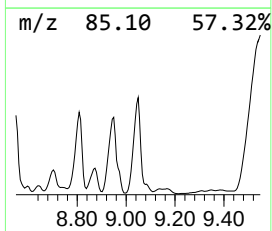
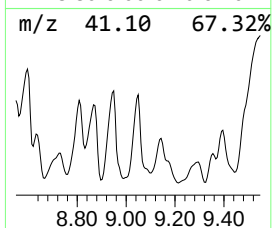
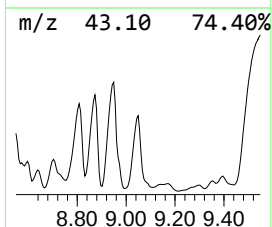
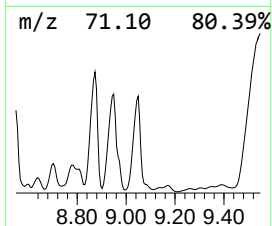
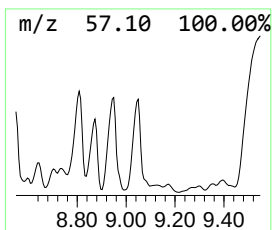
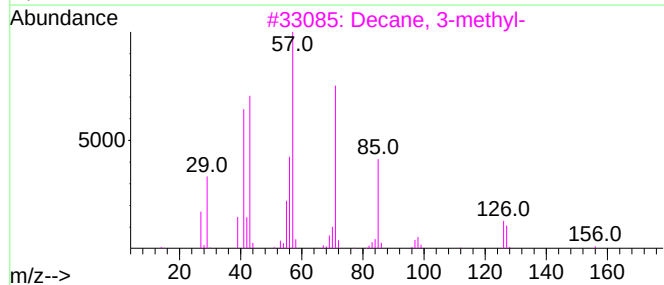
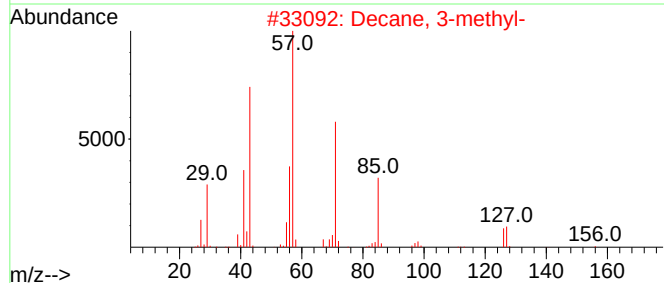
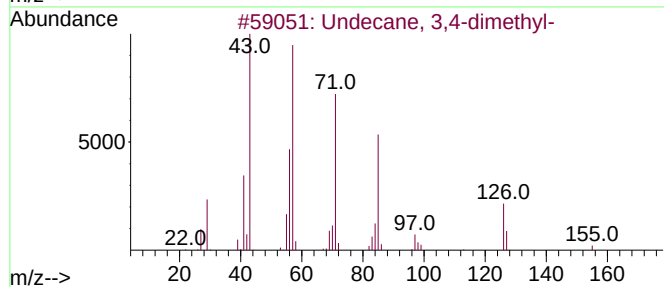
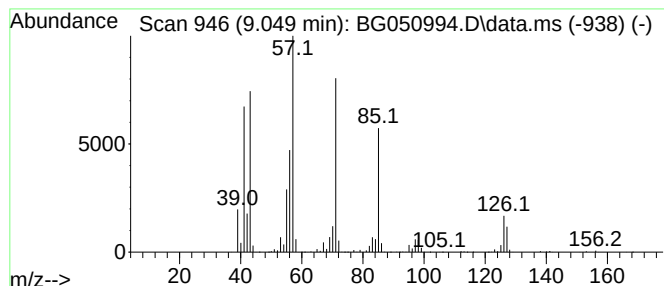
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	9.32 ng/ul	13905600	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	90
2			Decane, 3-methyl-	156	C11H24	013151-34-3	87
3			Decane, 3-methyl-	156	C11H24	013151-34-3	87
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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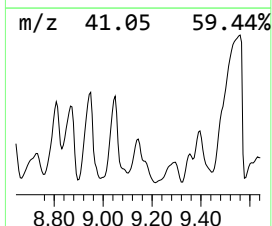
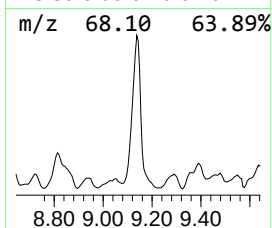
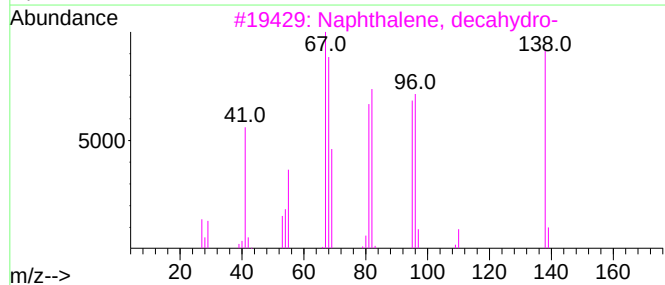
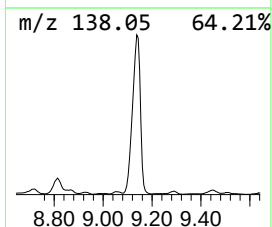
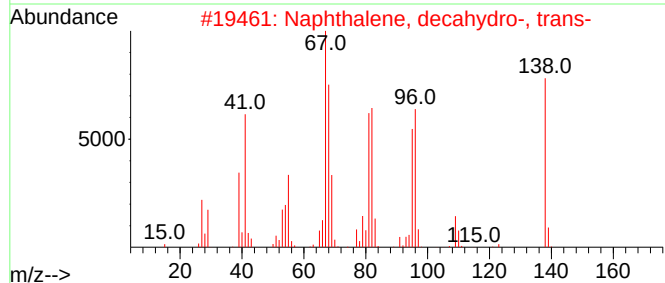
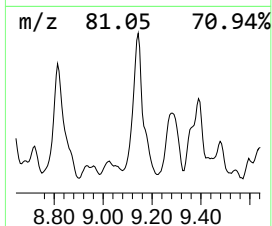
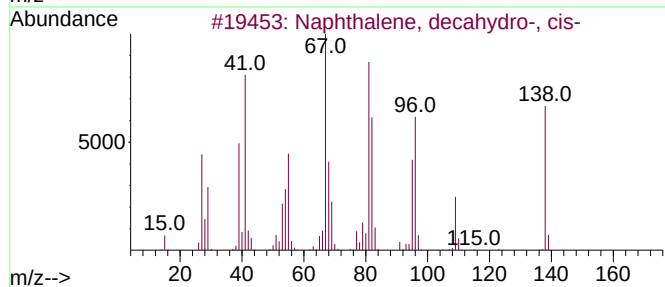
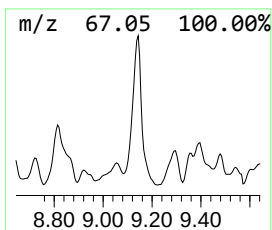
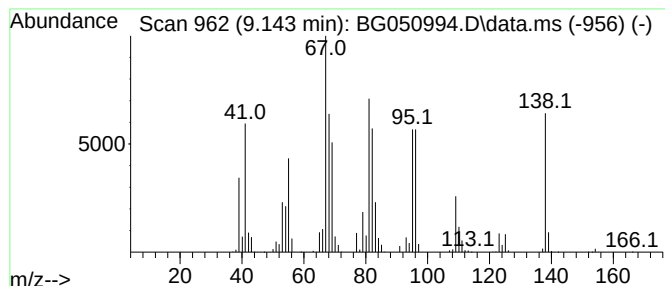
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, decahydro-, cis- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.143	10.07 ng/ul	15034900	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	91
4			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	87
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
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Instrument :
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ClientSampleId :
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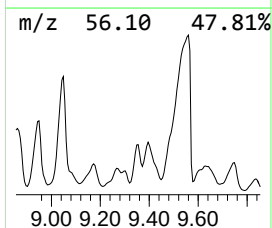
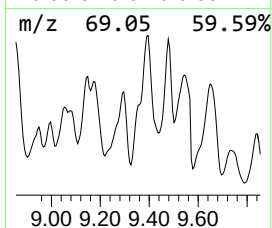
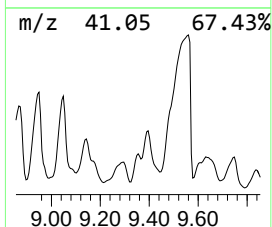
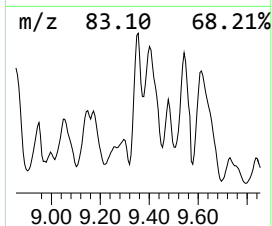
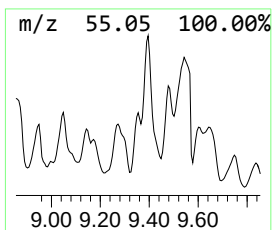
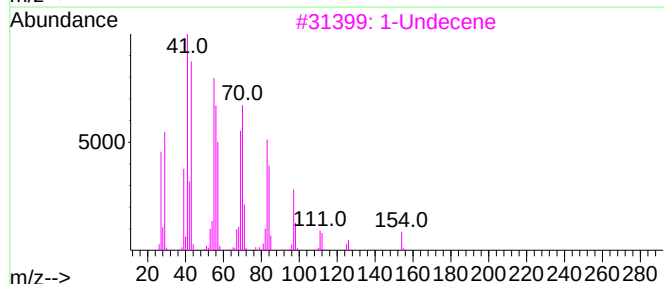
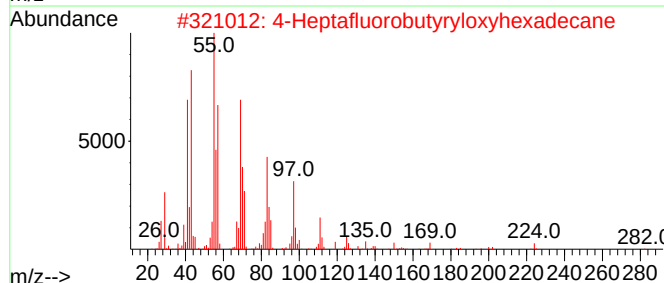
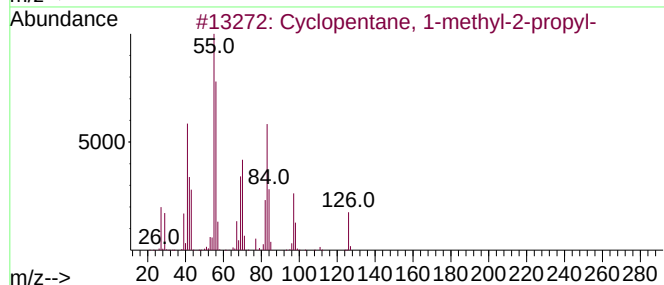
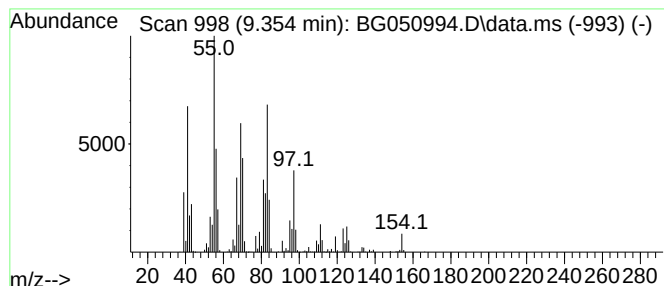
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic9.354 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.354	3.00 ng/ul	4483750	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	74
2			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1010282-97-2	74
3			1-Undecene	154	C11H22	000821-95-4	70
4			3-Undecene, (E)-	154	C11H22	001002-68-2	70
5			2-Undecene, (E)-	154	C11H22	000693-61-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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ClientSampleId :
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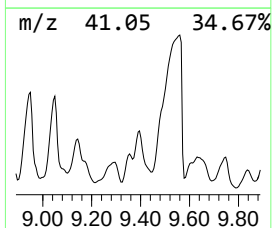
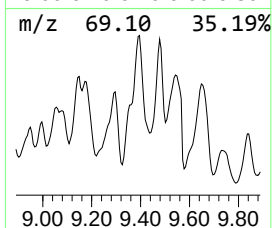
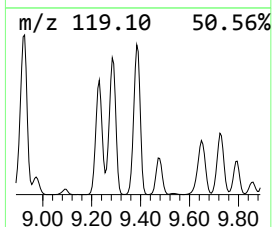
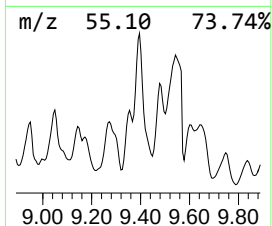
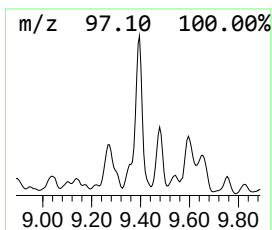
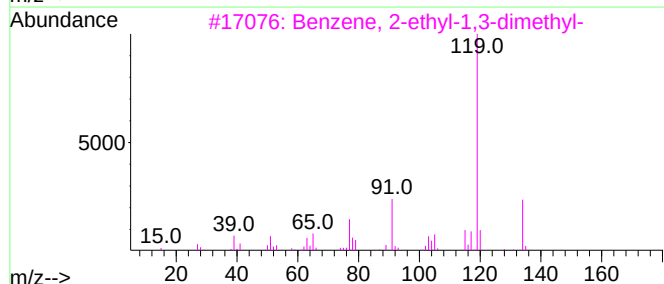
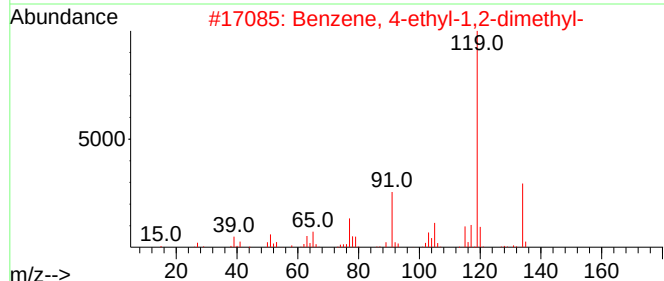
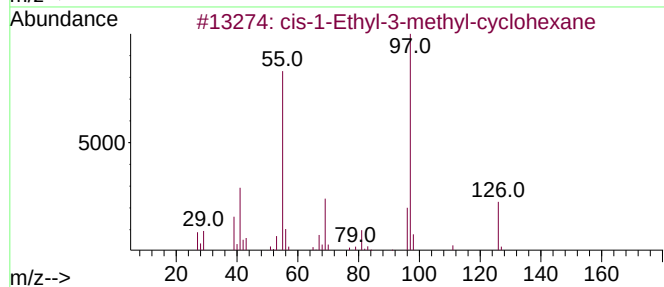
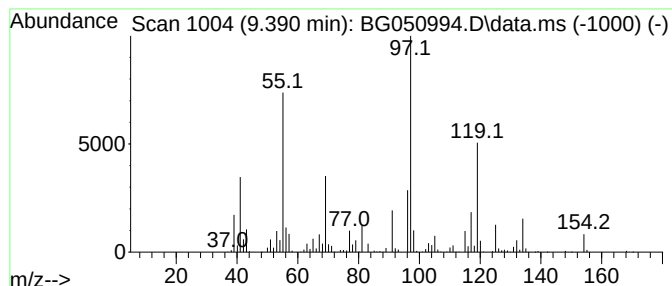
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic9.390 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.390	11.73 ng/ul	17501900	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	60
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	56
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
5			Furan, 2,5-dihydro-2,2,4-trimethyl-	112	C7H12O	023230-79-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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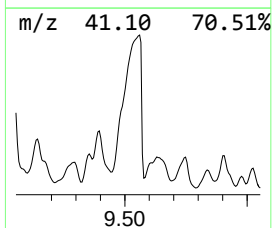
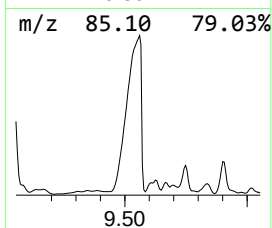
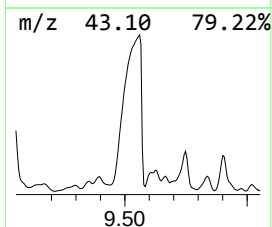
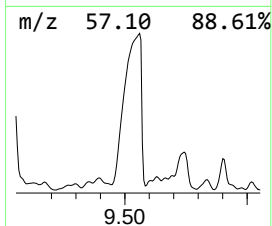
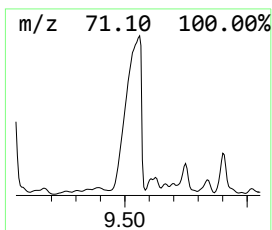
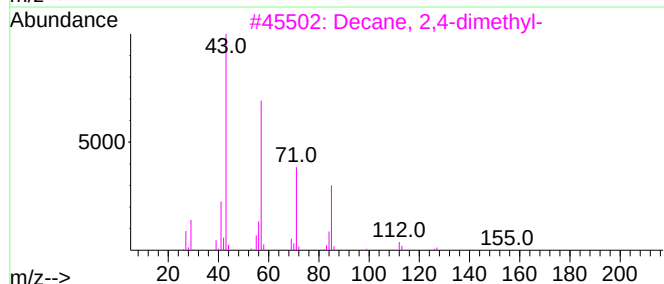
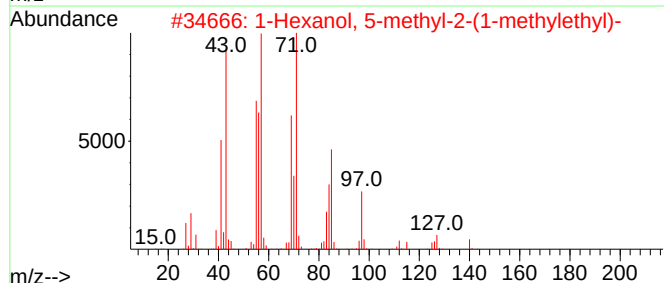
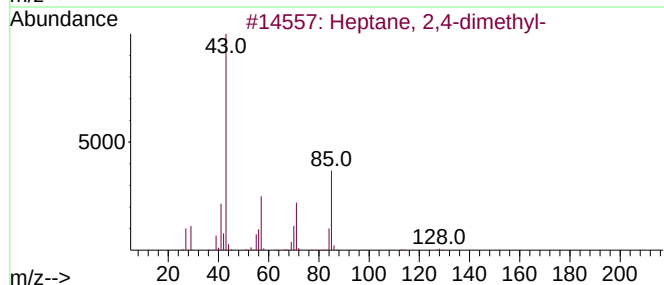
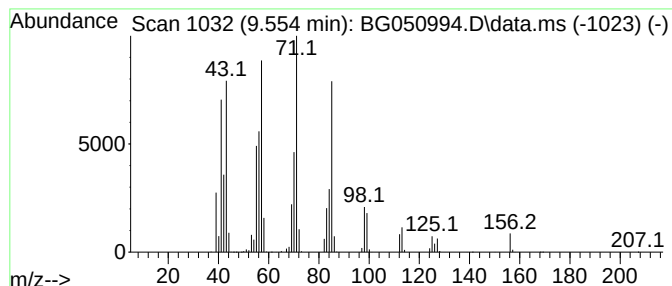
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.554	30.36 ng/ul	45322400	1,4-Dichlorobenzene-d4	8.215

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2		1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	53
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47
4		Octane	114	C8H18	000111-65-9	43
5		Decane, 5-methyl-	156	C11H24	013151-35-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

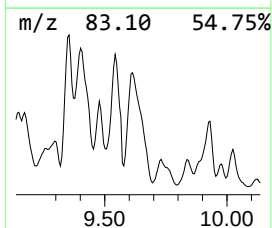
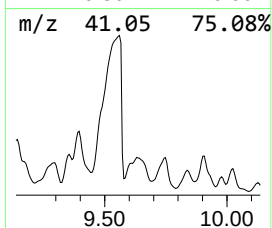
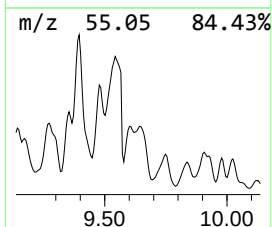
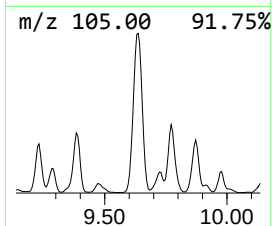
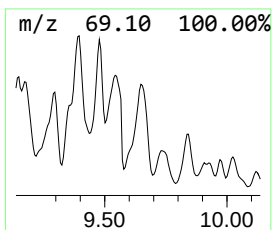
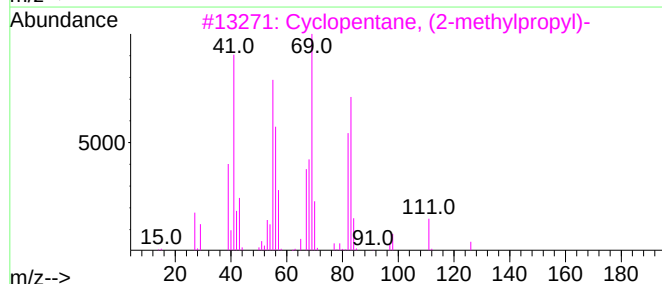
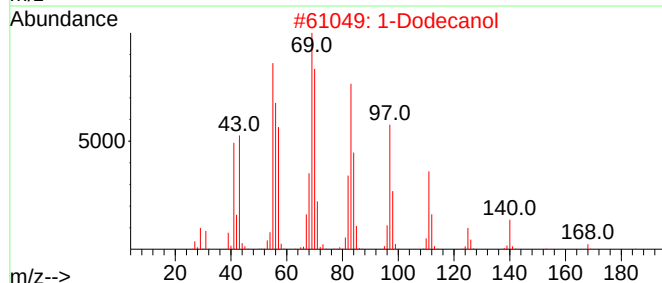
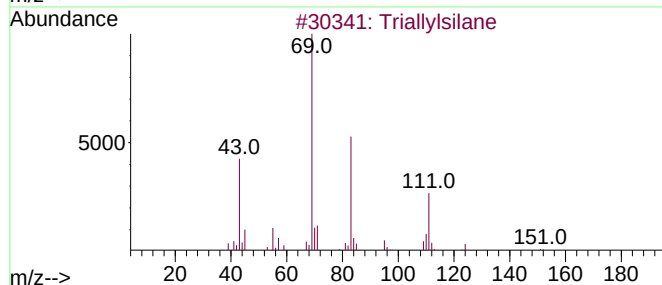
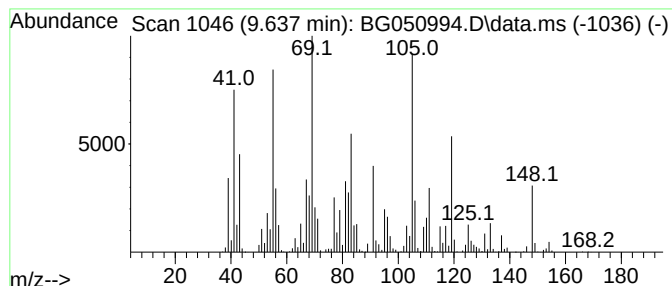
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.637	10.14 ng/ul	15132800	1,4-Dichlorobenzene-d4	8.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triallylsilane	152	C9H16Si	001116-62-7	43
2			1-Dodecanol	186	C12H26O	000112-53-8	43
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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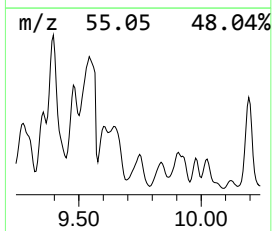
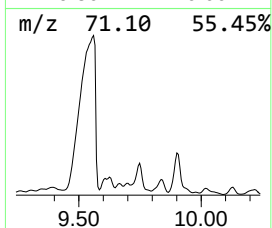
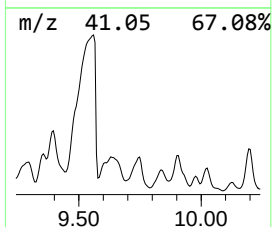
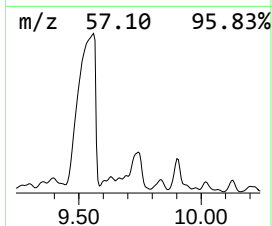
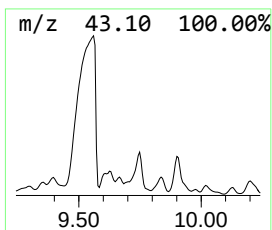
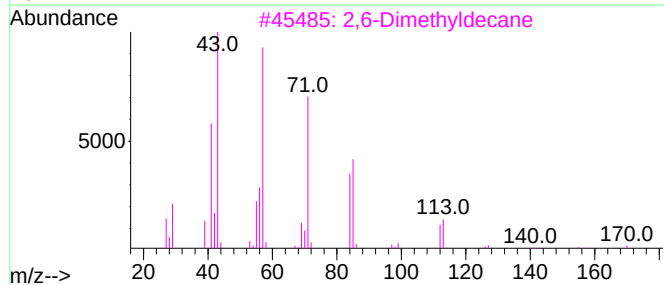
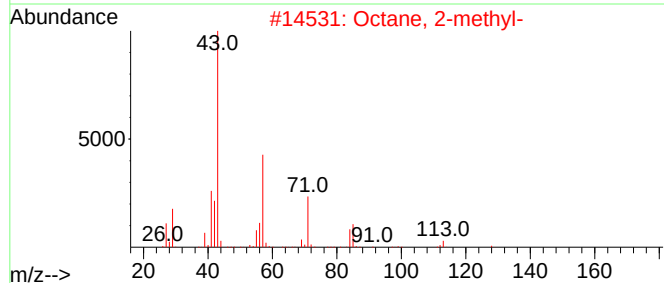
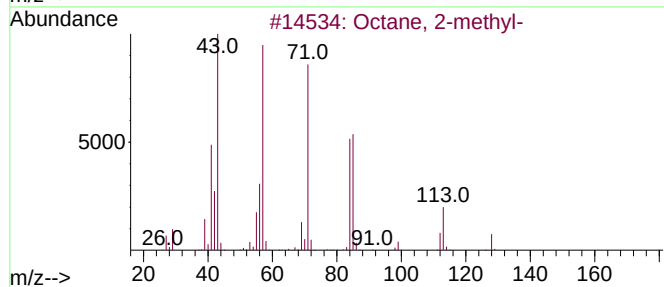
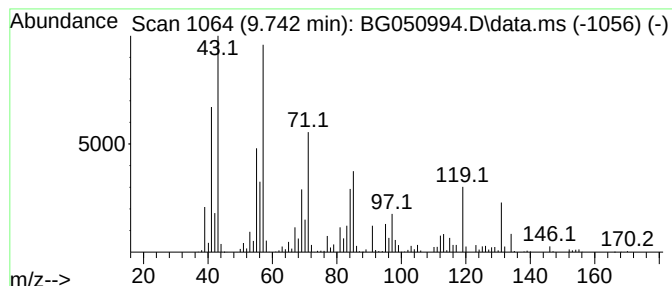
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.742	110.43 ng/ul	8558060	Naphthalene-d8	11.076

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	64
2			Octane, 2-methyl-	128	C9H20	003221-61-2	58
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	50
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

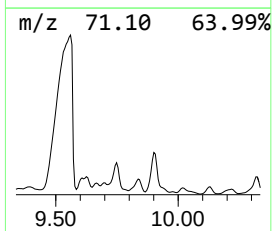
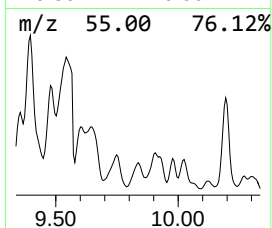
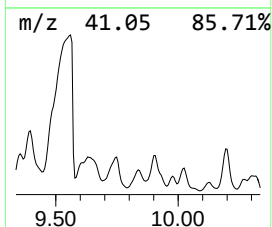
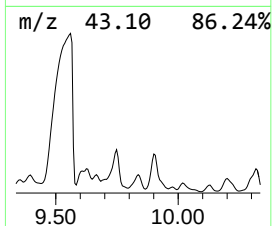
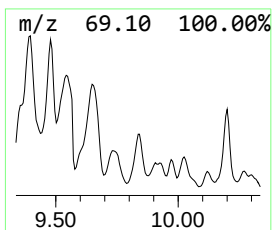
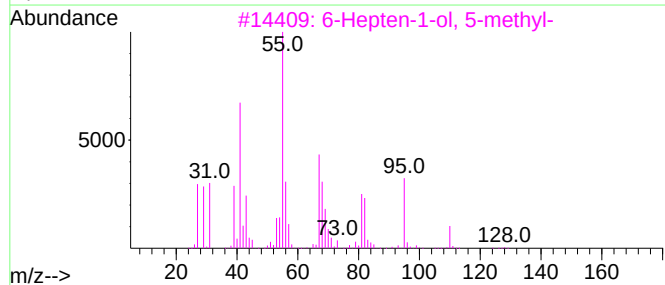
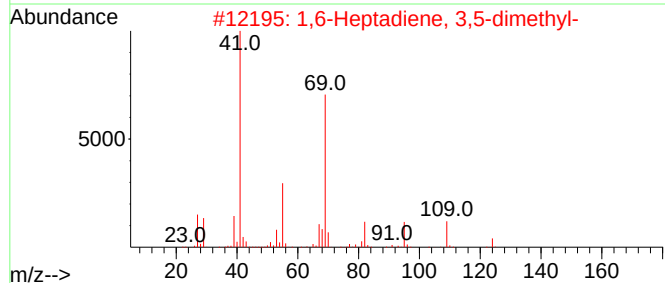
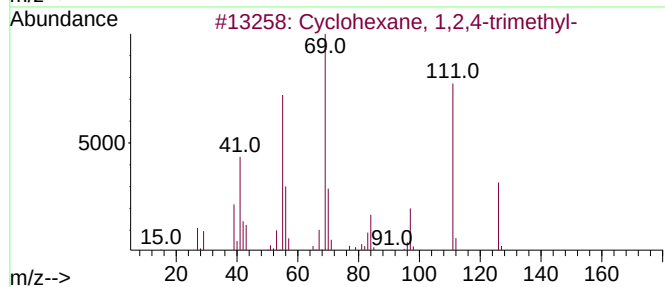
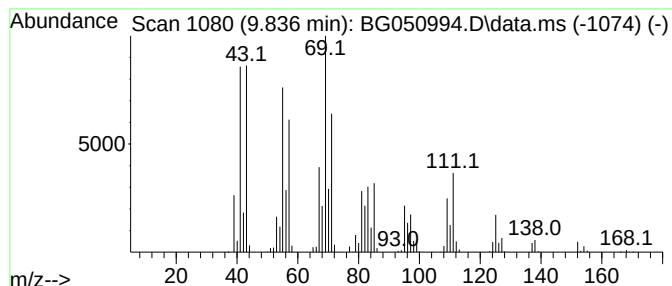
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic9.836 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.836	61.77 ng/ul	4787530	Naphthalene-d8	11.076

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
2		1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	38
3		6-Hepten-1-ol, 5-methyl-	128	C8H16O	026799-28-0	35
4		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	30
5		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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ClientSampleId :
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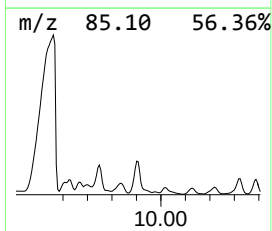
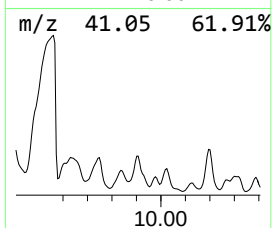
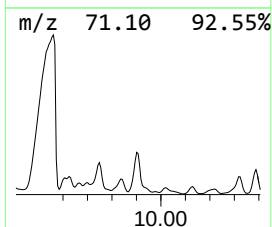
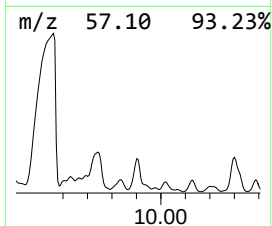
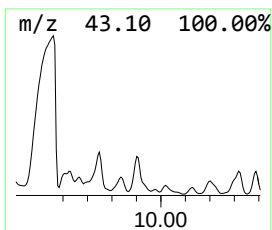
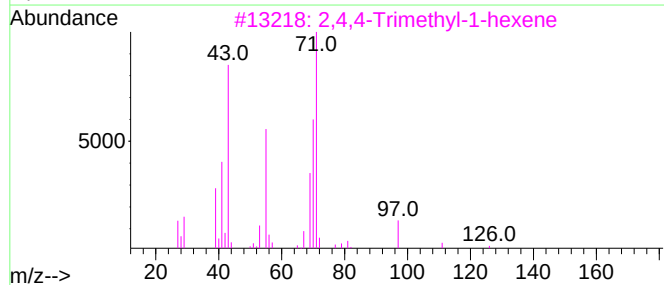
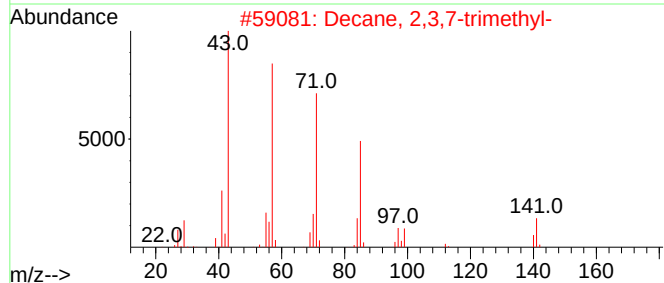
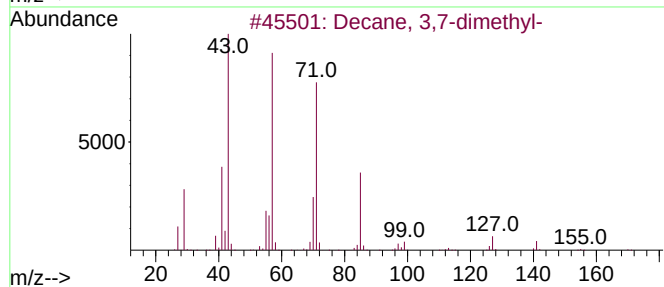
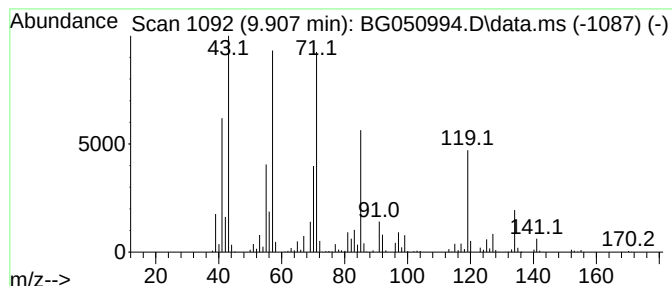
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.907	105.67 ng/ul	8189540	Naphthalene-d8	11.076

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	55
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47
3		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	45
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
5		Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

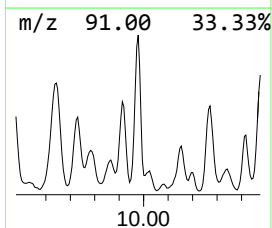
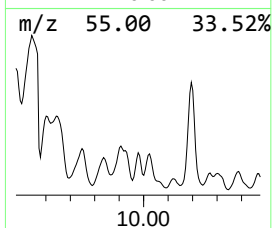
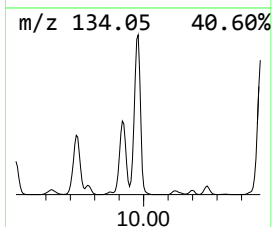
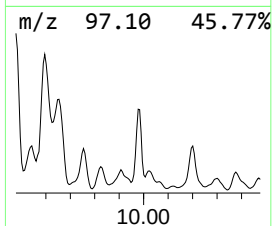
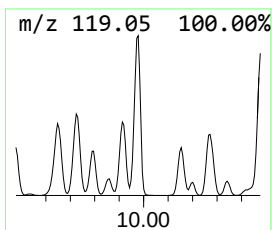
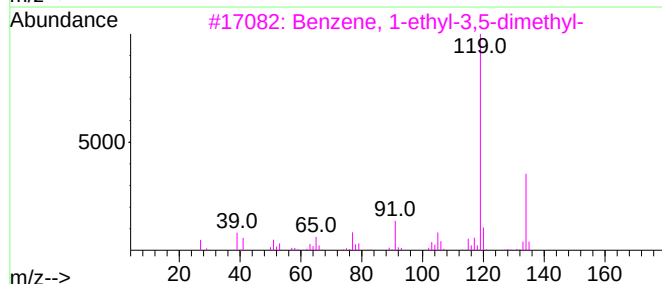
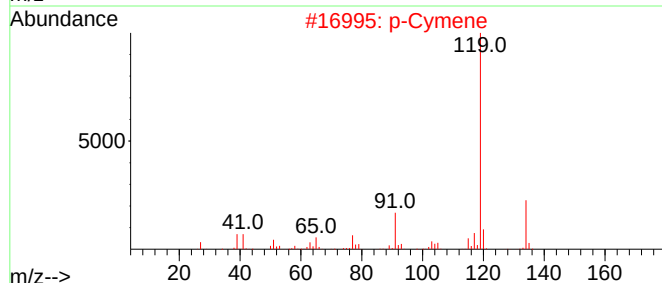
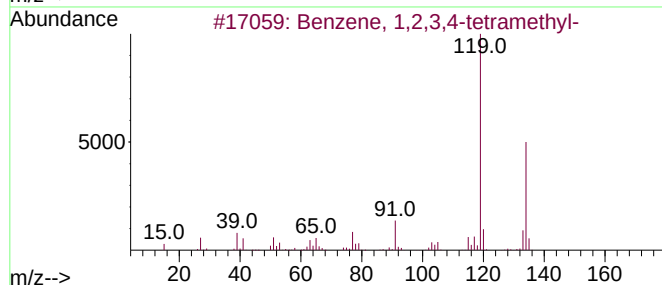
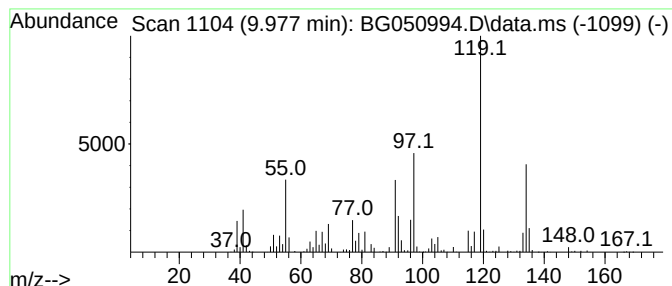
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.977	50.82 ng/ul	3938850	Naphthalene-d8	11.076

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2			p-Cymene	134	C10H14	000099-87-6	70
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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Acq On : 12 Nov 2021 10:16
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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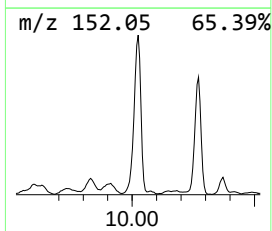
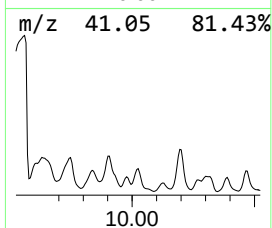
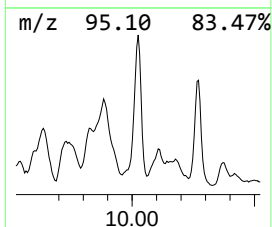
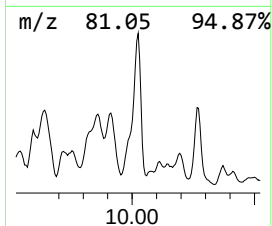
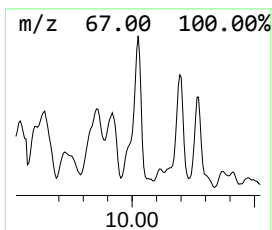
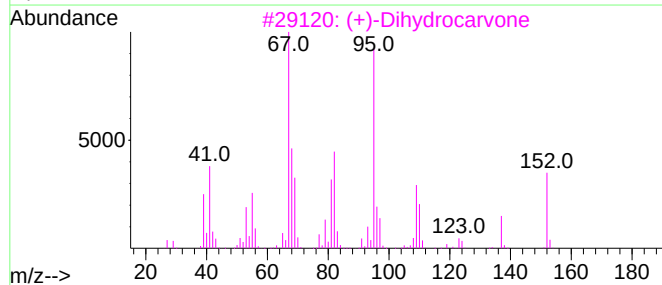
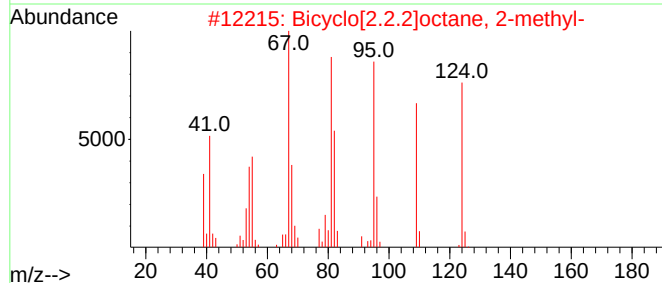
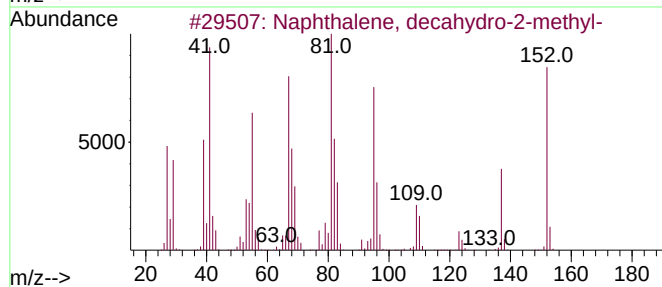
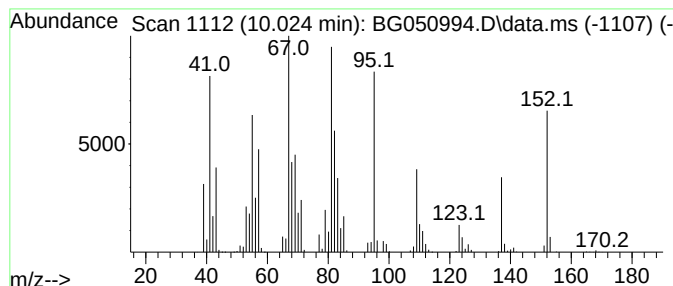
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.024	60.12 ng/ul	4659590	Naphthalene-d8	11.076

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
2		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	81
3		(+)-Dihydrocarvone	152	C10H16O	005524-05-0	74
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

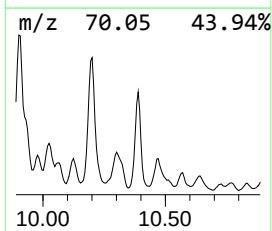
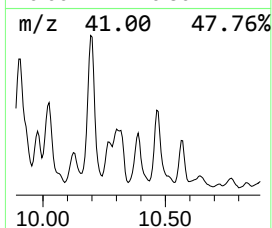
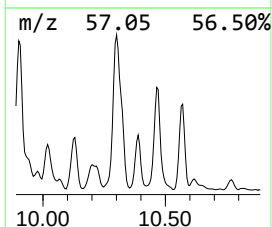
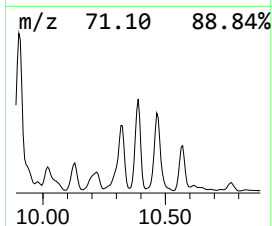
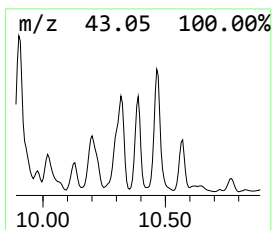
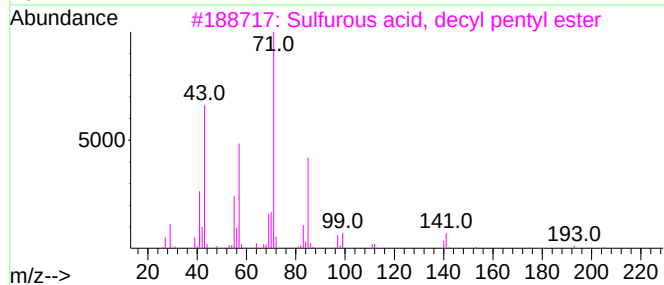
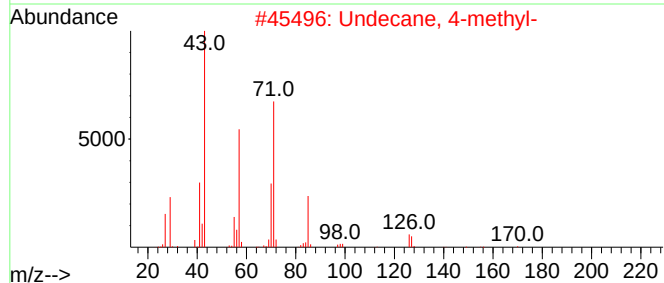
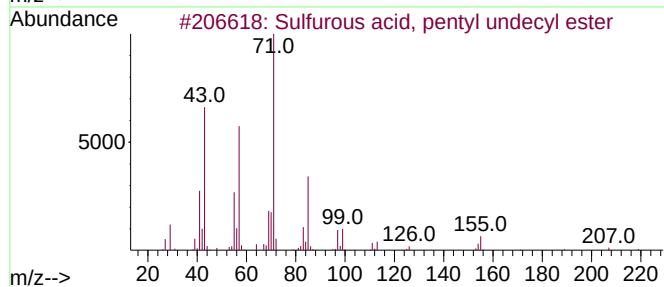
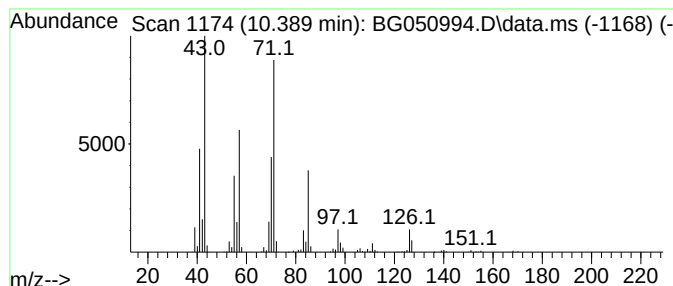
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BNA_G
ClientSampleId :
COV03

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Sulfurous acid, pentyl unde... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.389	36.53 ng/ul	2831390	Naphthalene-d8	11.076	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	64
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	62
3	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	53
4	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	50
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

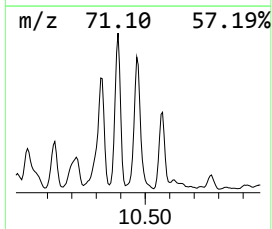
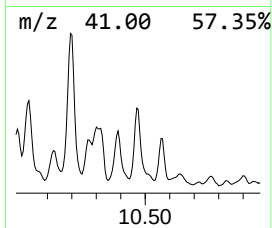
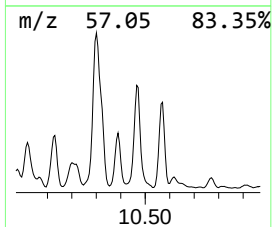
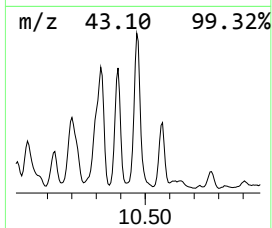
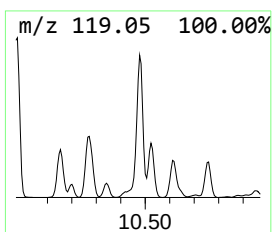
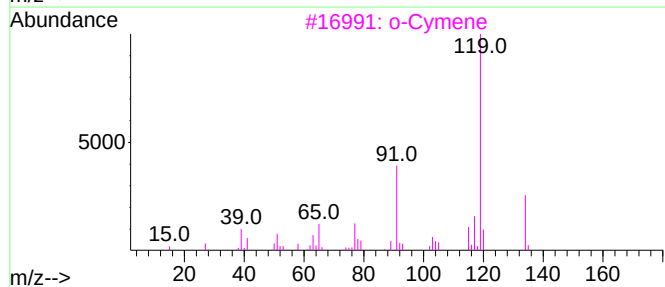
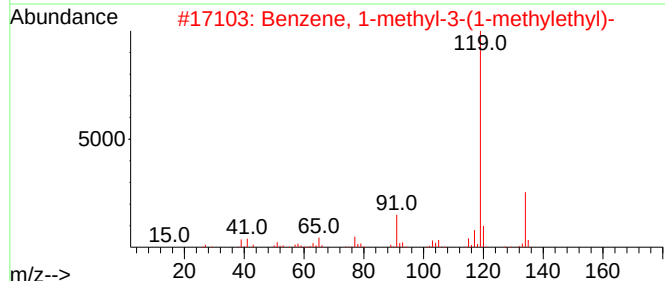
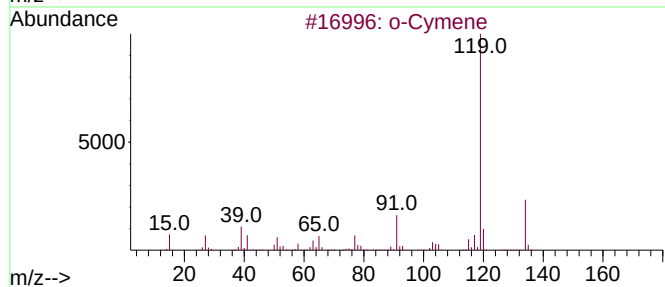
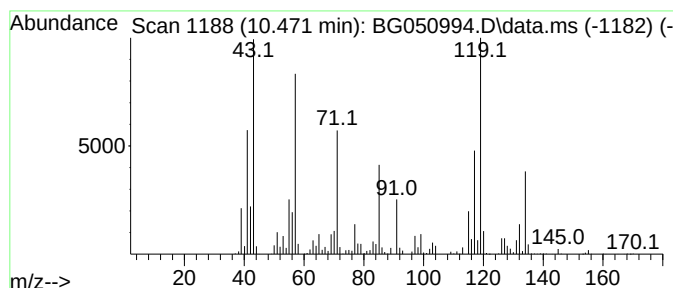
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.471	66.12 ng/ul	5124330	Naphthalene-d8	11.076

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	46
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
3		o-Cymene	134	C10H14	000527-84-4	46
4		o-Cymene	134	C10H14	000527-84-4	46
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

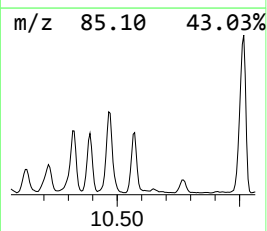
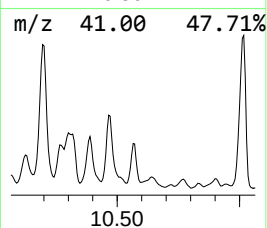
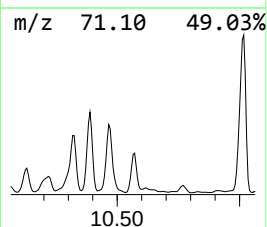
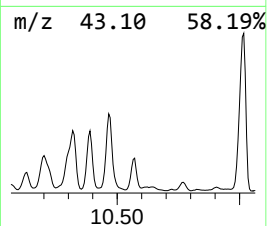
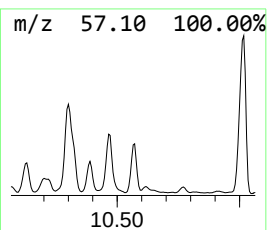
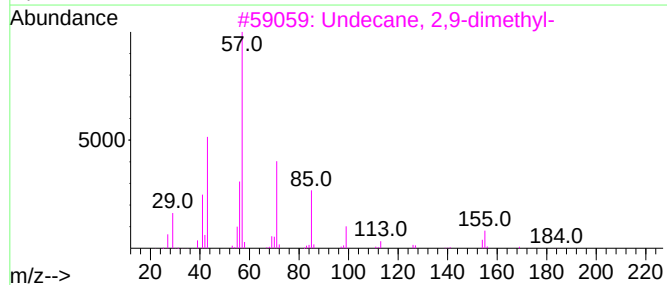
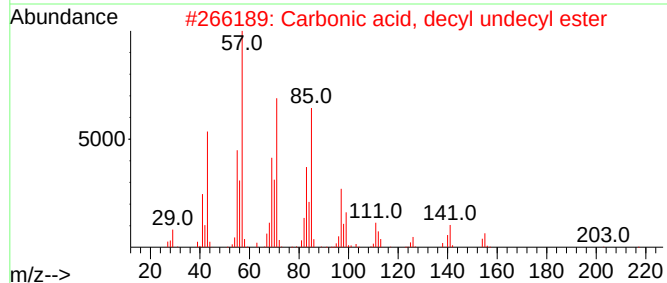
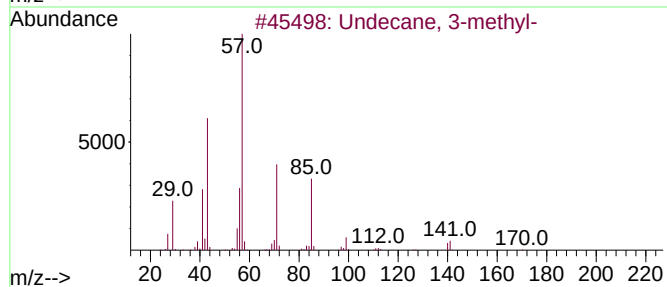
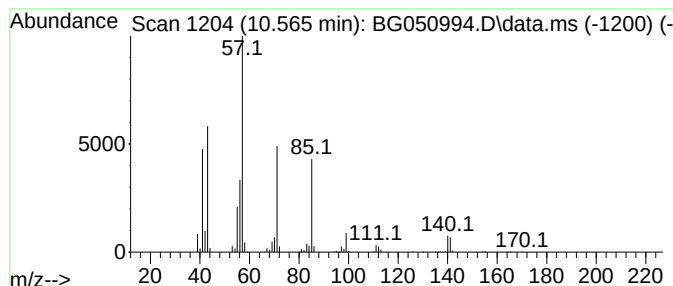
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.565	16.38 ng/ul	1269220	Naphthalene-d8	11.076

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	59
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

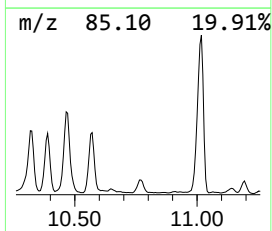
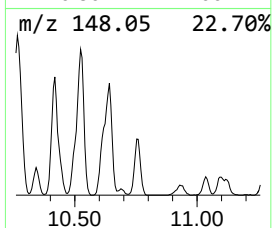
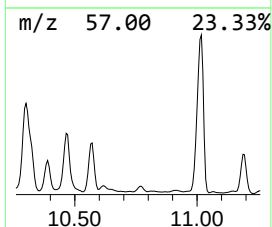
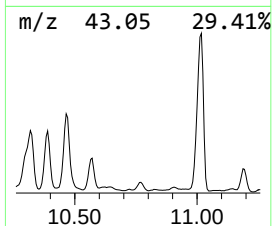
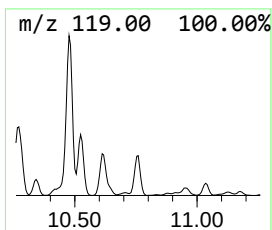
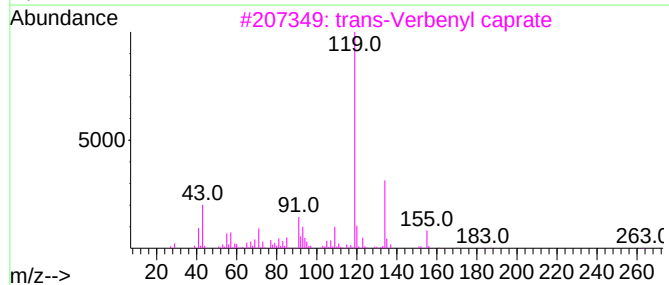
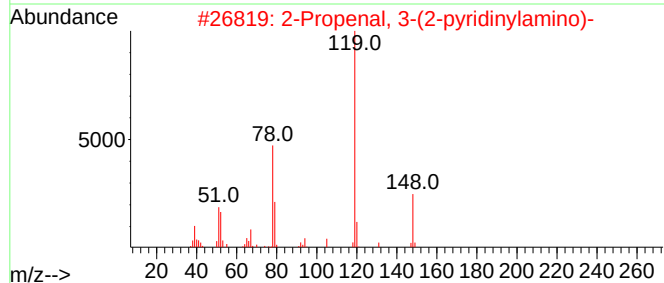
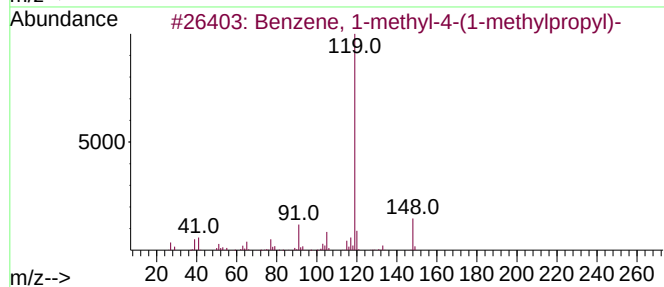
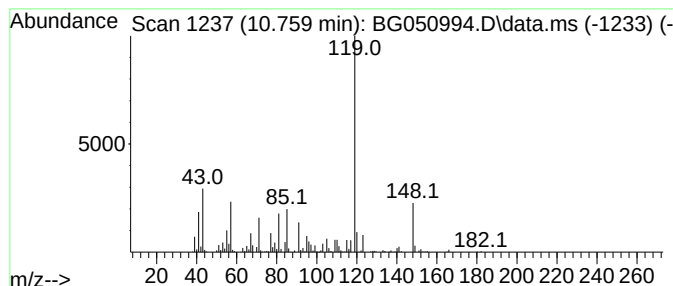
Instrument :
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ClientSampleId :
COV03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Benzene, 1-methyl-4-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.759	12.34 ng/ul	956521	Naphthalene-d8	11.076	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
2	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	50
3	trans-Verbenyl caprate	306	C20H34O2	1000414-14-7	50
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
5	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

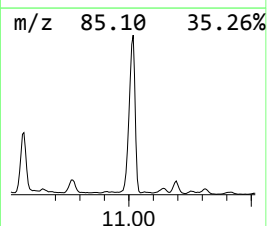
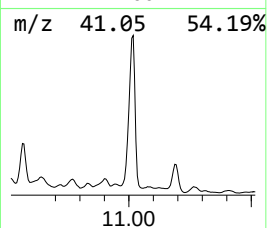
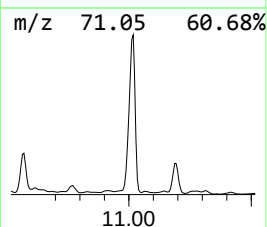
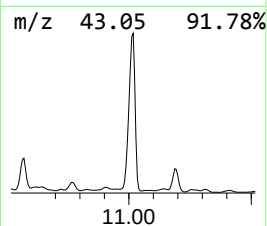
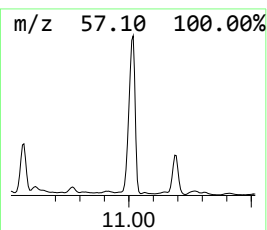
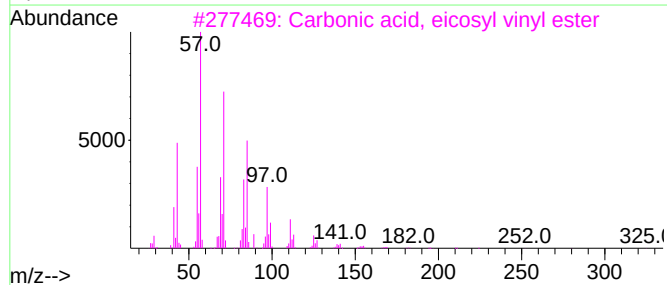
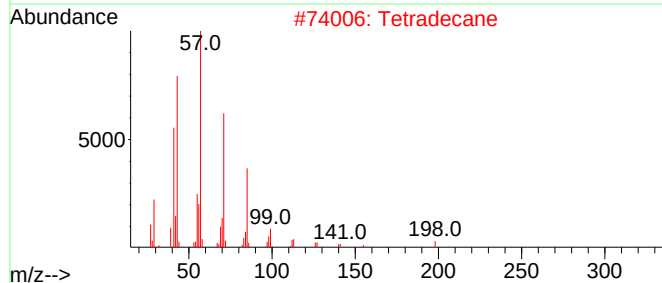
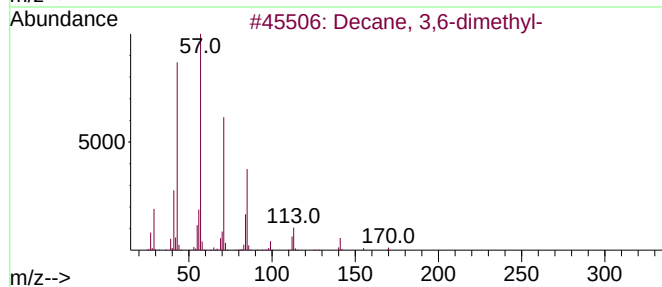
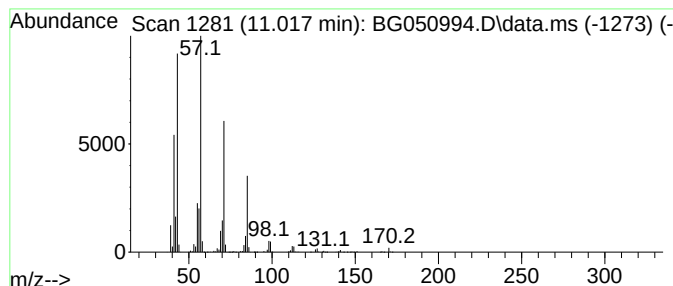
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.017	92.07 ng/ul	7135690	Naphthalene-d8	11.076

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	86
2		Tetradecane	198	C14H30	000629-59-4	83
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

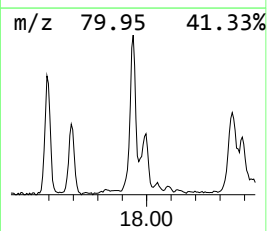
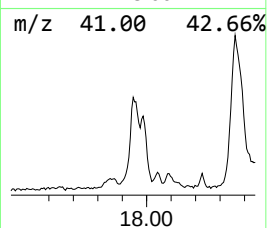
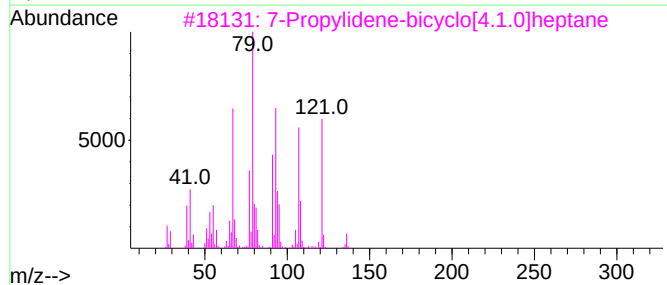
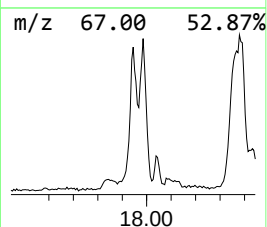
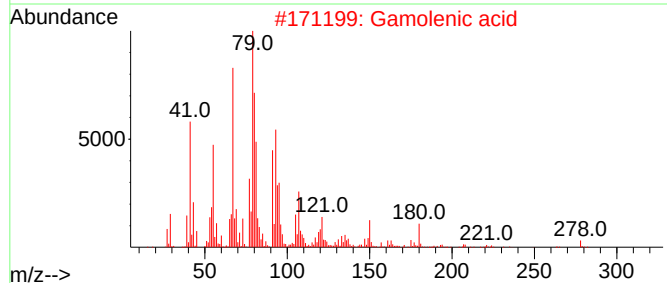
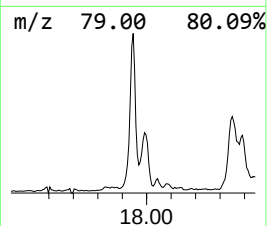
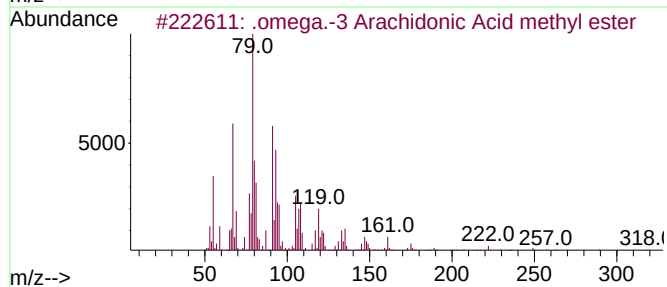
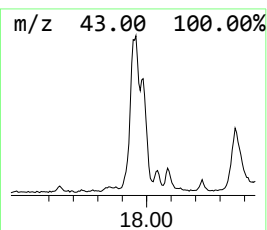
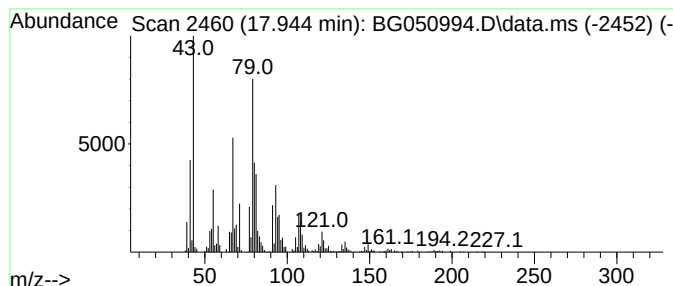
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 .omega.-3 Arachidonic Acid ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.944	35.50 ng/ul	931242	Phenanthrene-d10	17.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.omega.-3 Arachidonic Acid methy...	318	C21H34O2	132712-70-0	86
2			Gamolenic acid	278	C18H30O2	000506-26-3	83
3			7-Propylidene-bicyclo[4.1.0]heptane	136	C10H16	082253-09-6	80
4			Docosapentaenoic Acid methyl ester	344	C23H36O2	108698-02-8	78
5			5-Tetradecen-3-yne, (E)-	192	C14H24	074744-48-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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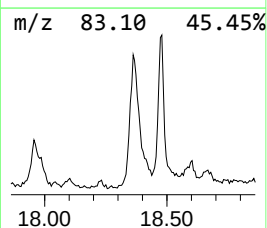
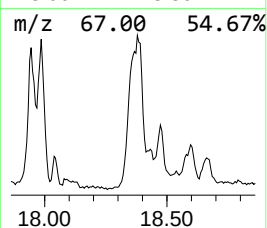
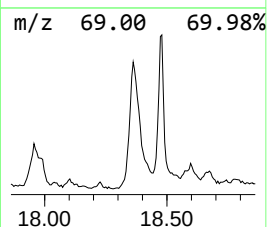
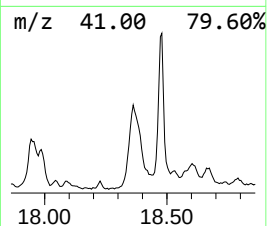
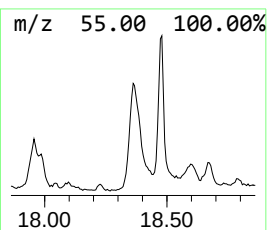
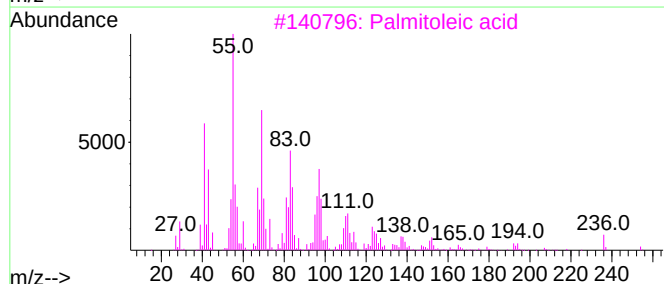
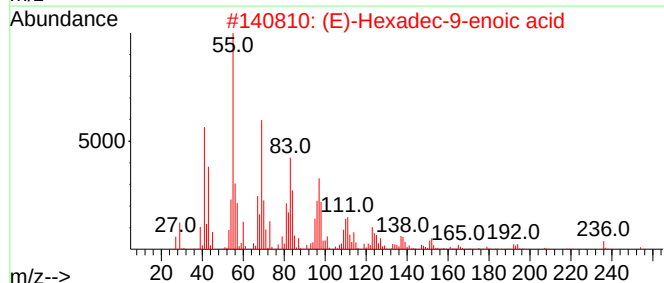
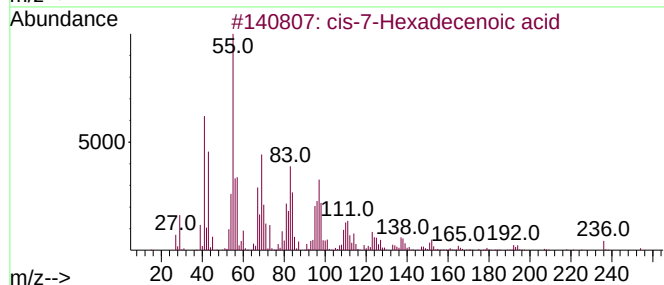
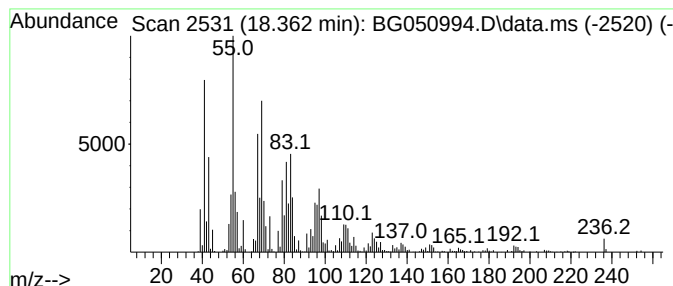
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 cis-7-Hexadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	67.14 ng/ul	1761020	Phenanthrene-d10	17.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
3			Palmitoleic acid	254	C16H30O2	000373-49-9	97
4			14-Methylpentadec-6-enoic acid	254	C16H30O2	127486-79-7	83
5			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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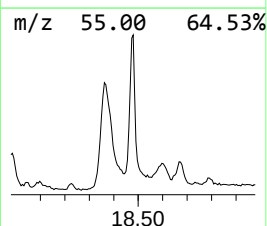
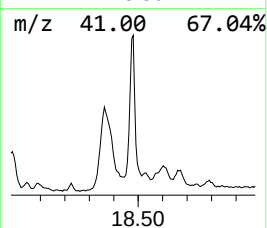
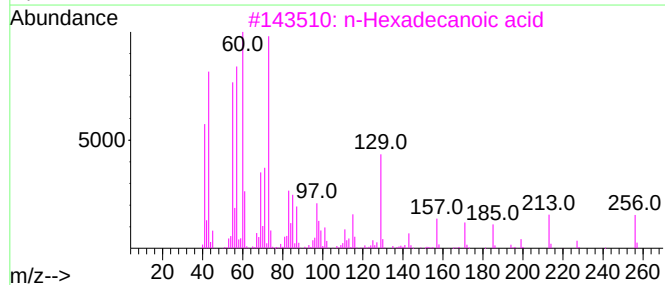
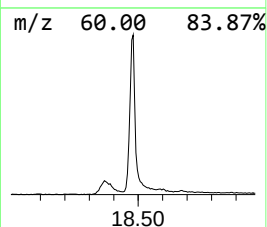
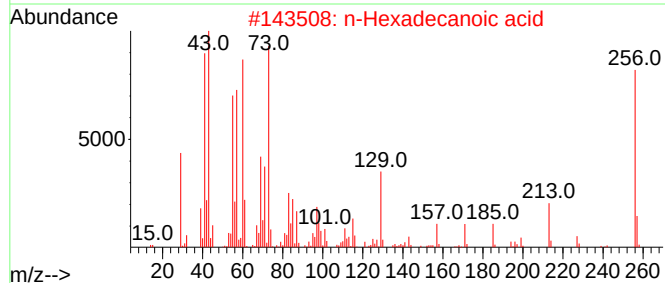
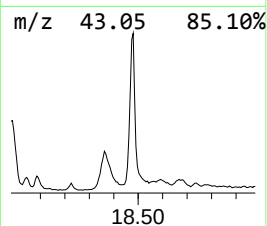
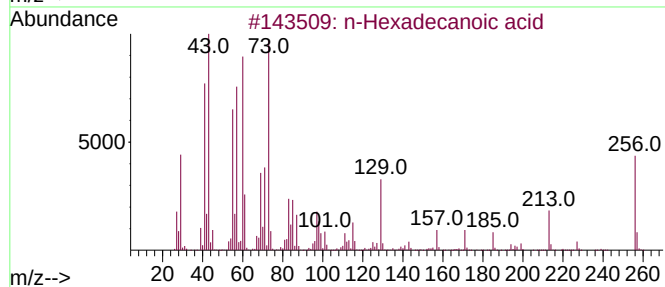
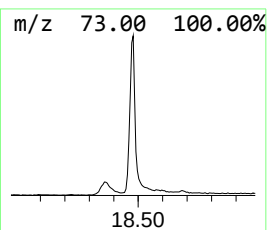
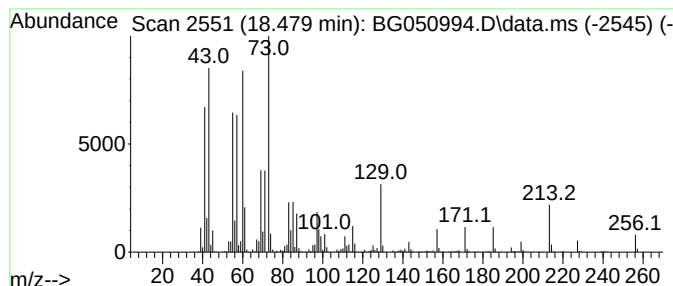
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.479	58.93 ng/ul	1545760	Phenanthrene-d10	17.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

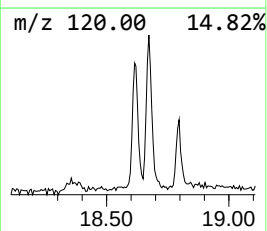
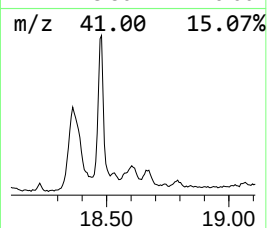
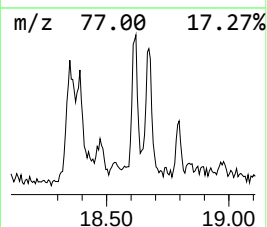
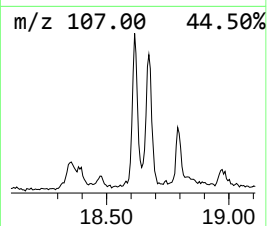
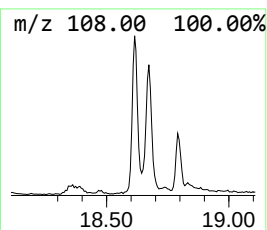
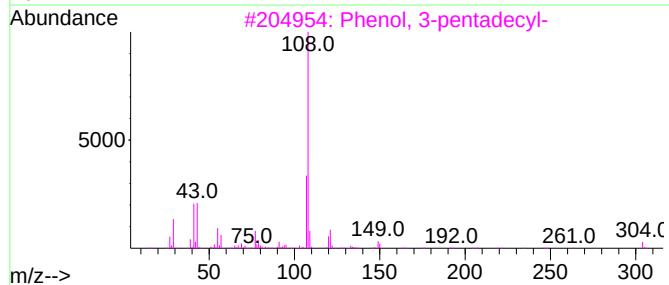
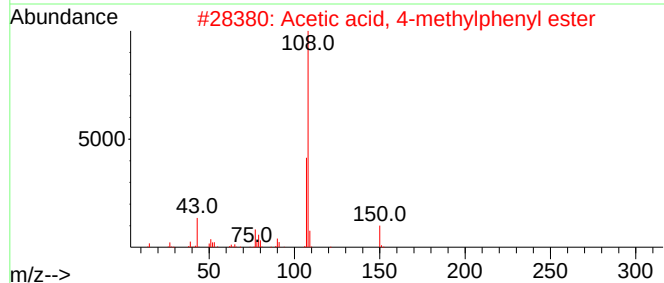
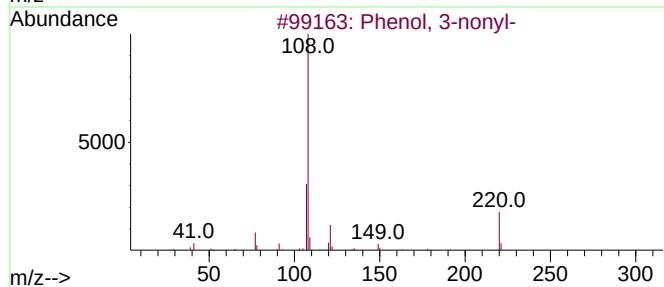
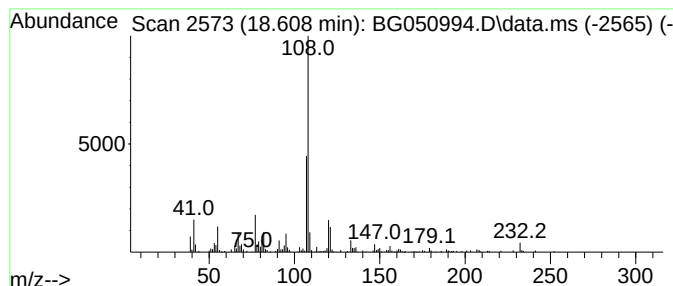
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Phenol, 3-nonyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.608	18.73 ng/ul	491361	Phenanthrene-d10	17.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-nonyl-	220	C15H24O	000139-84-4	72
2			Acetic acid, 4-methylphenyl ester	150	C9H10O2	000140-39-6	59
3			Phenol, 3-pentadecyl-	304	C21H36O	000501-24-6	59
4			m-Cresyl acetate	150	C9H10O2	000122-46-3	59
5			Carbonic acid, ethyl 3-methylphe...	180	C10H12O3	1000357-91-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
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Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

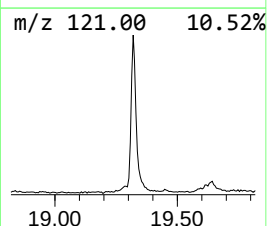
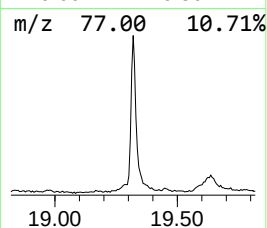
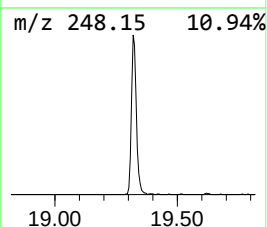
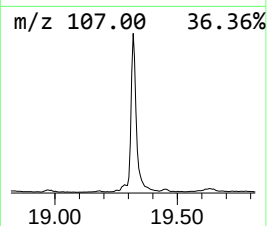
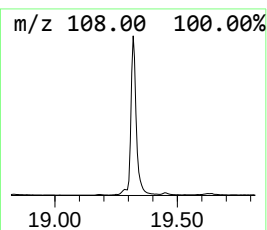
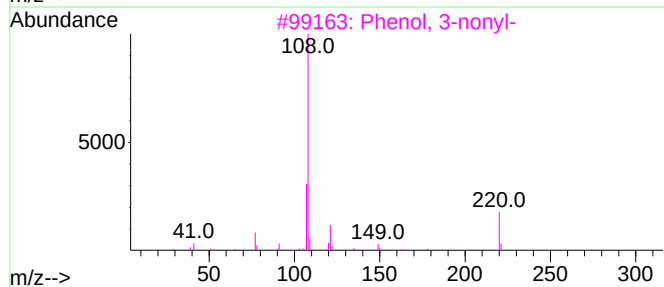
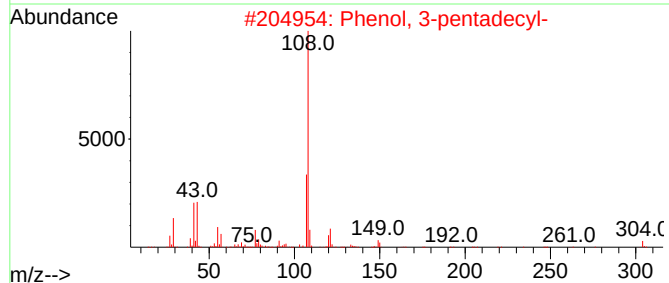
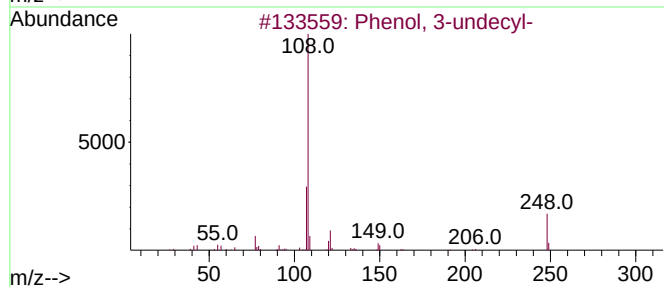
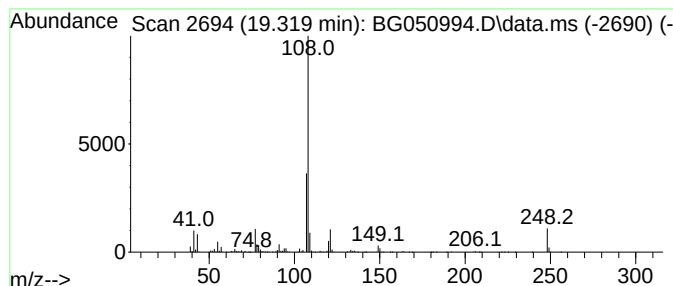
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Phenol, 3-undecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.319	54.61 ng/ul	1432530	Phenanthrene-d10	17.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-undecyl-	248	C17H28O	020056-72-8	95
2			Phenol, 3-pentadecyl-	304	C21H36O	000501-24-6	86
3			Phenol, 3-nonyl-	220	C15H24O	000139-84-4	78
4			Acetic acid, 4-methylphenyl ester	150	C9H10O2	000140-39-6	64
5			Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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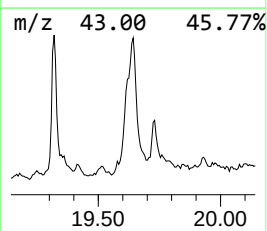
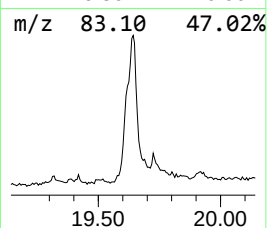
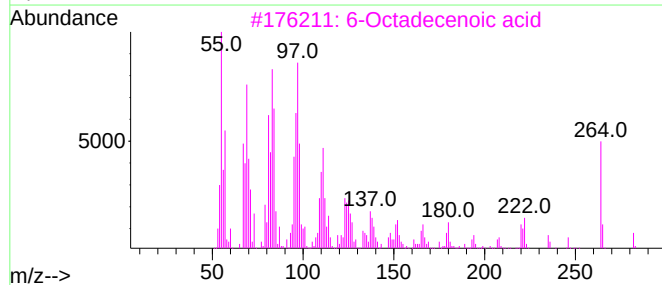
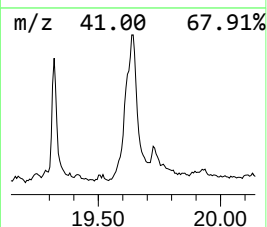
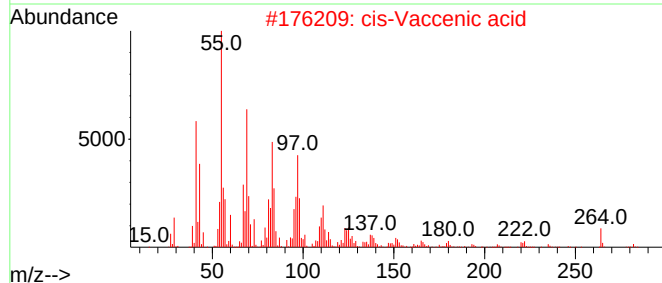
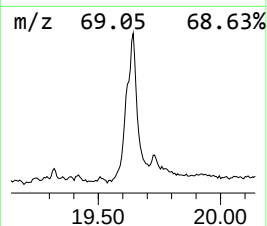
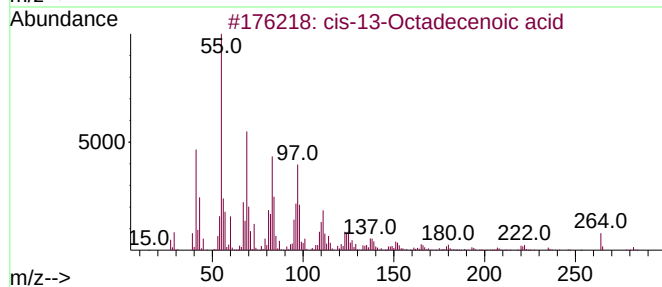
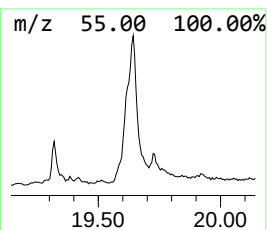
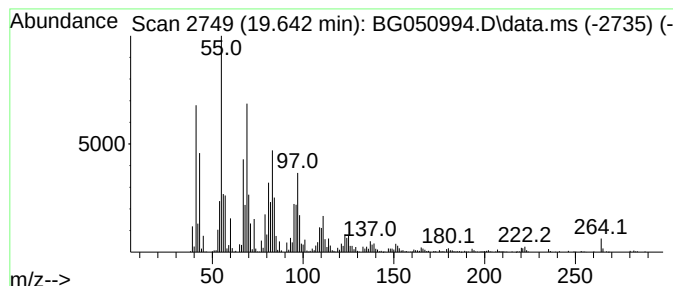
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 cis-13-Octadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.642	96.83 ng/ul	2539830	Phenanthrene-d10	17.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
2			cis-Vaccenic acid	282	C18H34O2	000506-17-2	97
3			6-Octadecenoic acid	282	C18H34O2	1000336-66-8	91
4			Palmitoleic acid	254	C16H30O2	000373-49-9	91
5			9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

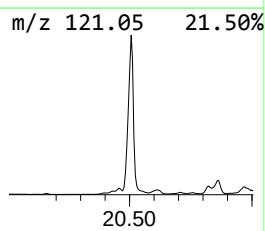
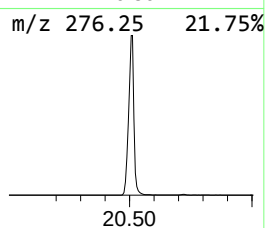
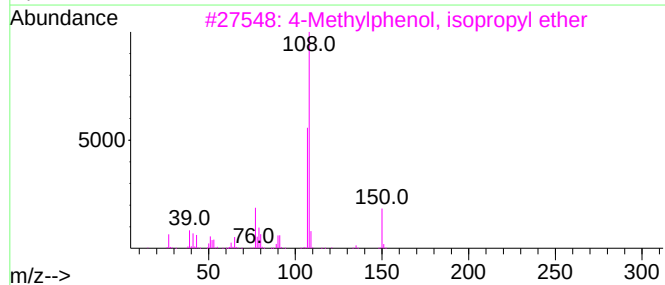
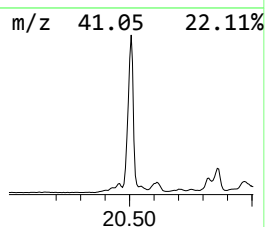
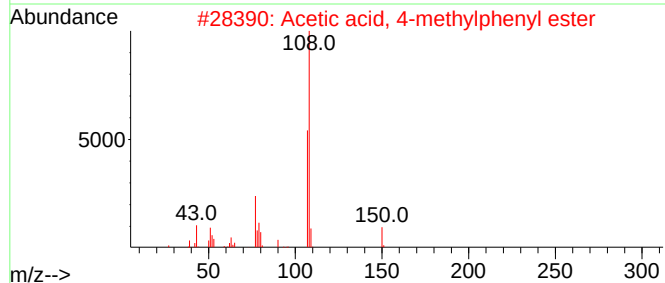
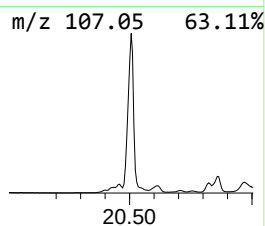
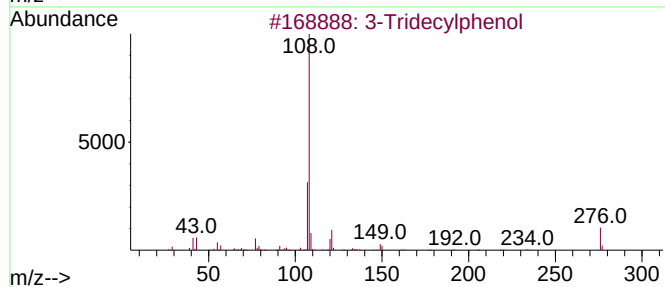
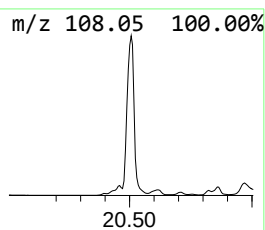
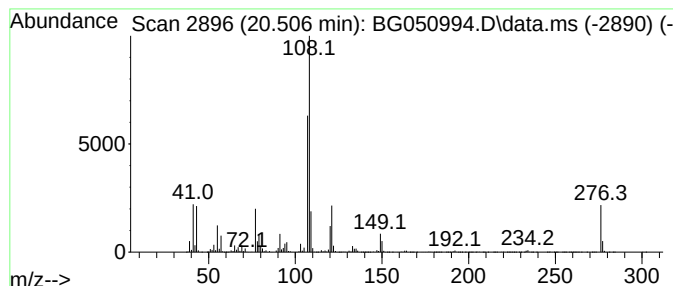
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 3-Tridecylphenol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.506	9.97 ng/ul	13351400	Chrysene-d12	21.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Tridecylphenol	276	C19H32O	072424-02-3	89
2			Acetic acid, 4-methylphenyl ester	150	C9H10O2	000140-39-6	59
3			4-Methylphenol, isopropyl ether	150	C10H14O	1000395-16-4	59
4			Phenol, 3-methyl-	108	C7H8O	000108-39-4	53
5			Phenol, 4-(2-aminoethyl)-	137	C8H11NO	000051-67-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

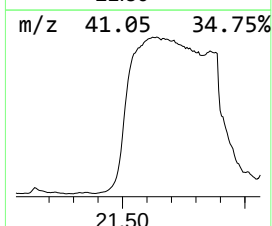
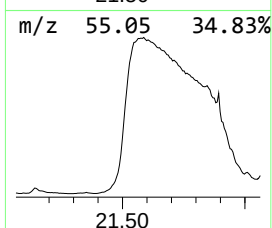
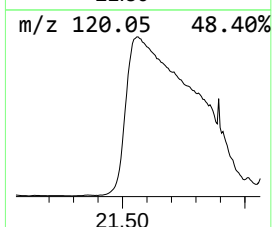
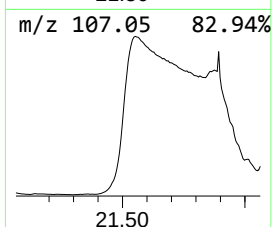
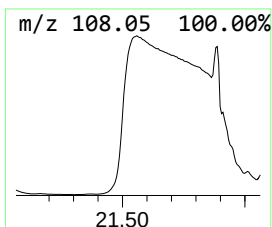
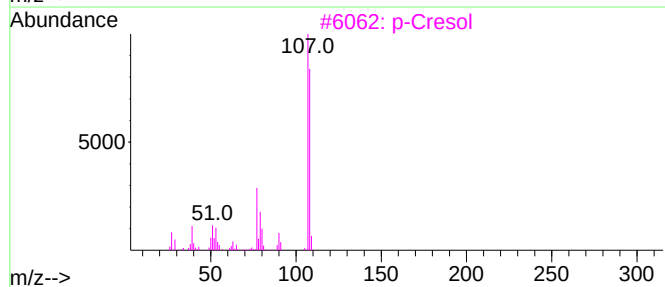
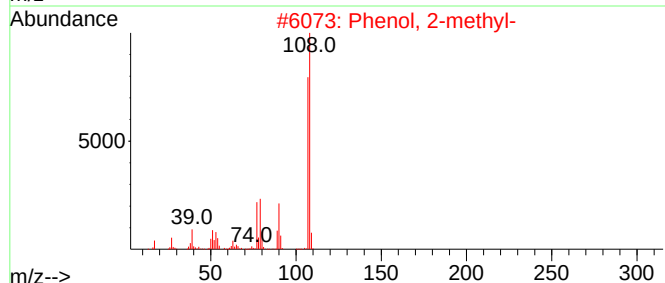
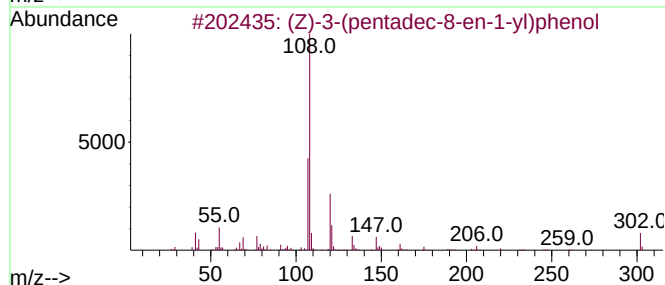
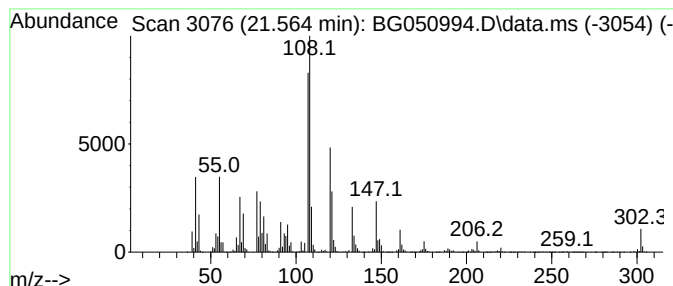
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.564	178.18 ng/ul	238680000	Chrysene-d12	21.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-3-(pentadec-8-en-1-yl)phenol	302	C21H34O	000501-26-8	49	
2	Phenol, 2-methyl-	108	C7H8O	000095-48-7	46	
3	p-Cresol	108	C7H8O	000106-44-5	46	
4	Phenol, 3-methyl-	108	C7H8O	000108-39-4	46	
5	Phenol, 2-methyl-	108	C7H8O	000095-48-7	46	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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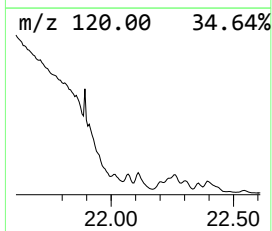
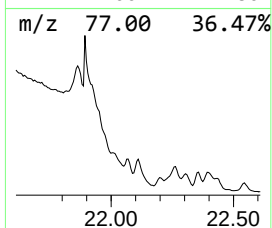
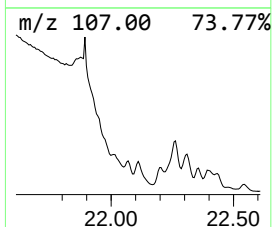
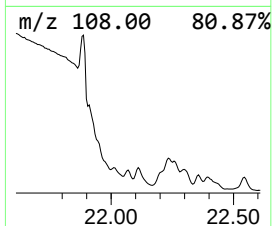
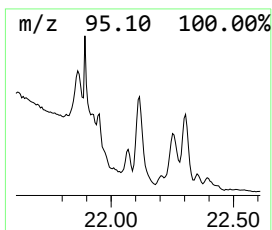
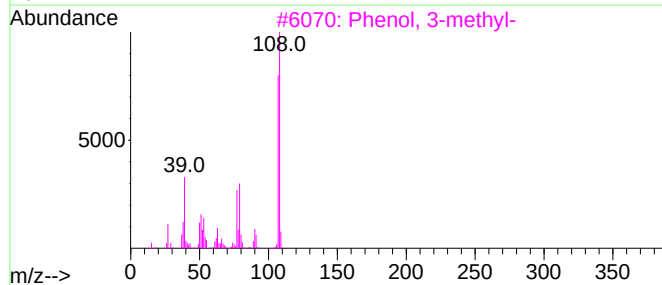
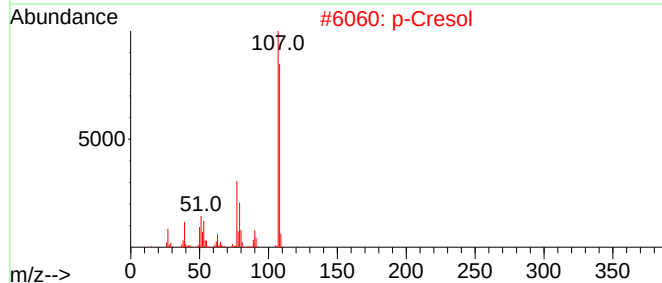
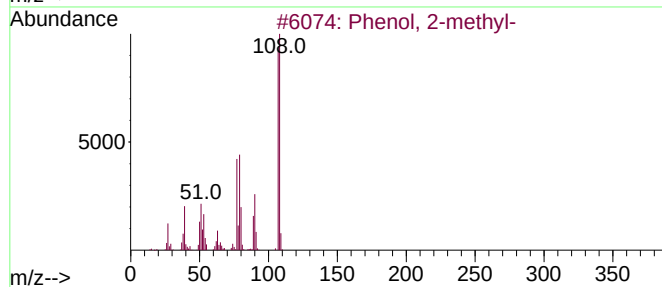
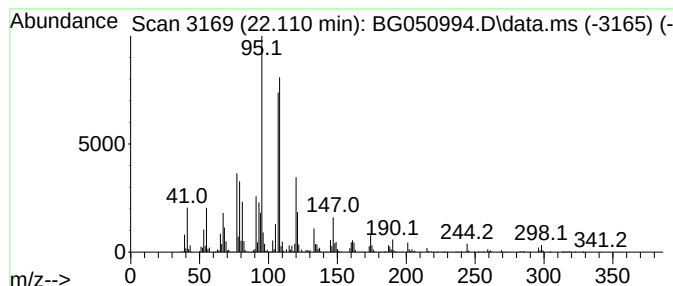
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 unknown-05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.110	3.58 ng/ul	4795520	Chrysene-d12	21.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-methyl-	108	C7H8O	000095-48-7	43
2			p-Cresol	108	C7H8O	000106-44-5	38
3			Phenol, 3-methyl-	108	C7H8O	000108-39-4	38
4			Phenol, 3-methyl-	108	C7H8O	000108-39-4	38
5			Silane, phenyl-	108	C6H8Si	000694-53-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

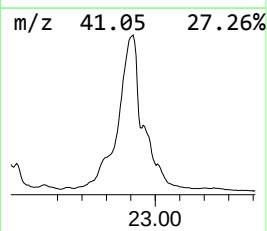
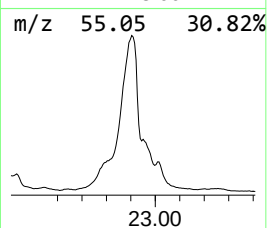
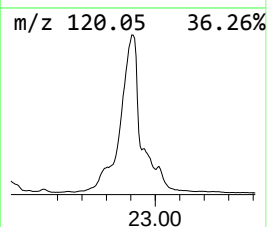
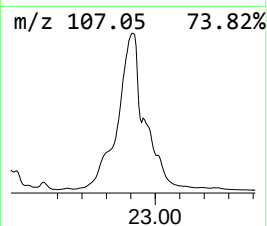
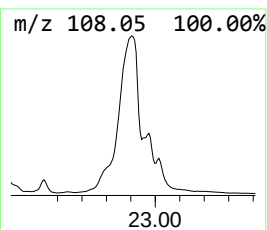
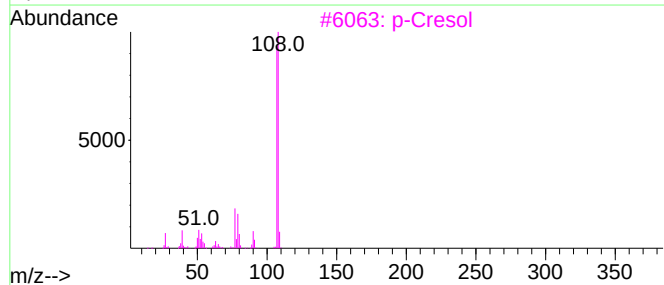
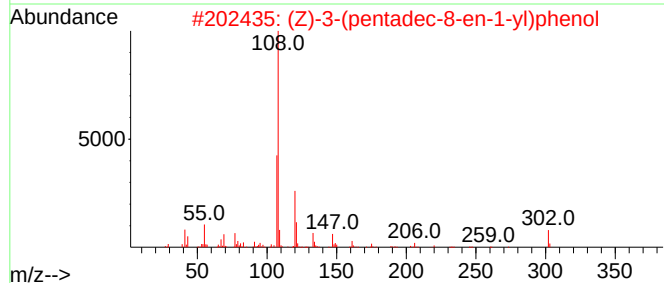
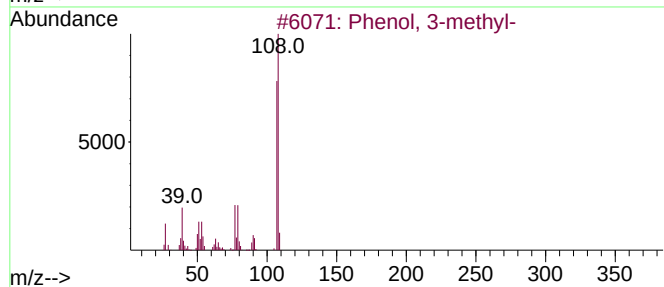
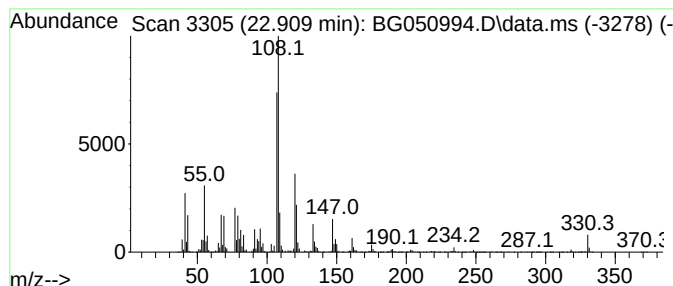
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Phenol, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.909	43.23 ng/ul	57905700	Chrysene-d12	21.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-methyl-	108	C7H8O	000108-39-4	64
2			(Z)-3-(pentadec-8-en-1-yl)phenol	302	C21H34O	000501-26-8	64
3			p-Cresol	108	C7H8O	000106-44-5	64
4			Phenol, 2-methyl-	108	C7H8O	000095-48-7	64
5			(Z)-3-(Heptadec-10-en-1-yl)phenol	330	C23H38O	111047-33-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

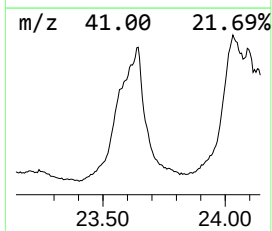
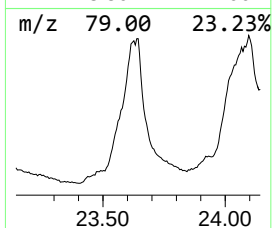
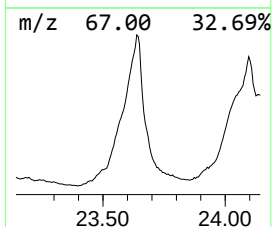
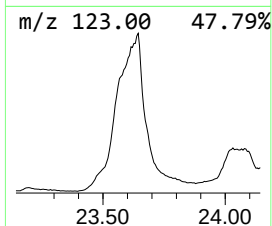
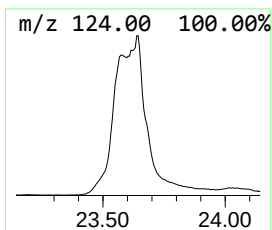
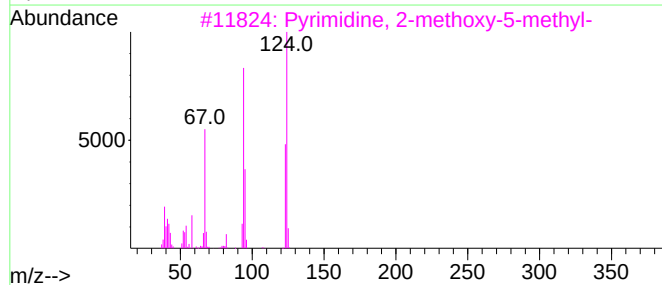
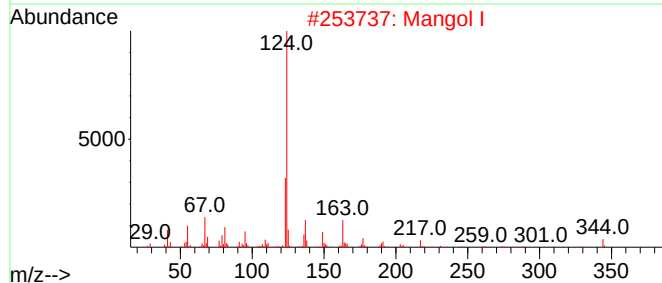
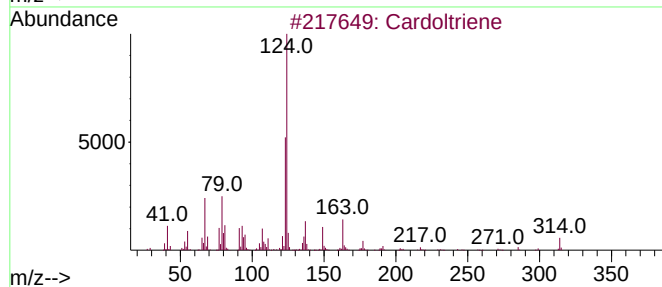
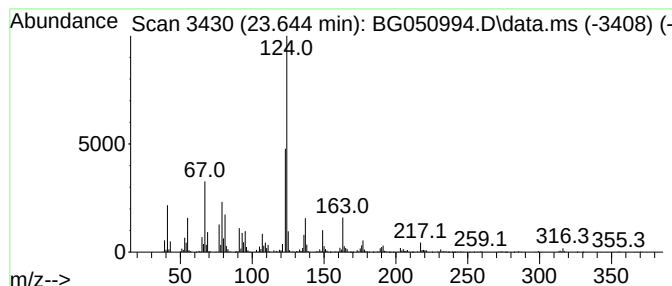
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Cardoltriene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.644	14.51 ng/ul	19433600	Chrysene-d12	21.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cardoltriene	314	C21H30O2	079473-24-8	90
2	Mangol I	344	C23H36O2	863649-33-6	83
3	Pyrimidine, 2-methoxy-5-methyl-	124	C6H8N2O	017758-07-5	59
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	58
5	1,3-Benzenediol, 5-(8Z,11Z)-8,11...	344	C23H36O2	138168-58-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COV03

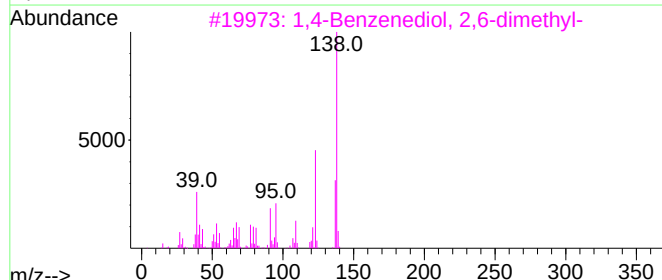
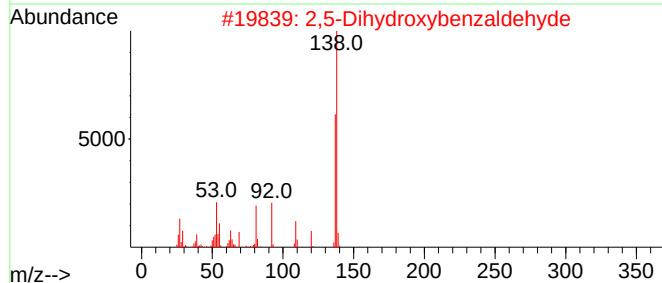
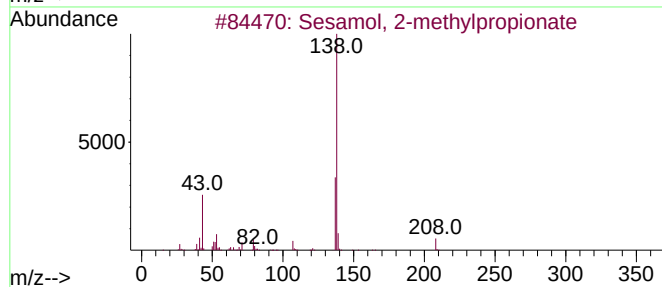
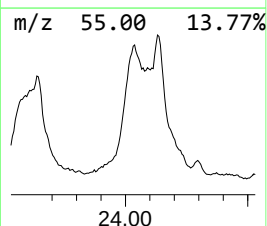
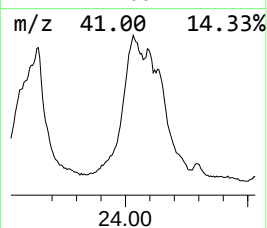
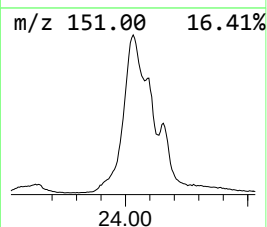
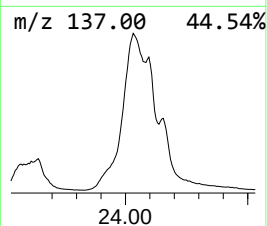
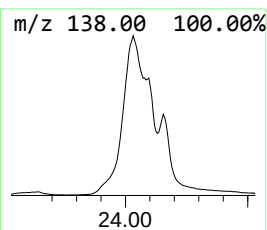
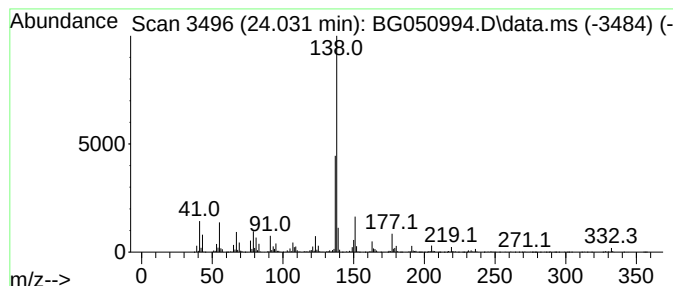
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 Sesamol, 2-methylpropionate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.031	297.19 ng/ul	12827600	Perylene-d12	25.383

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sesamol, 2-methylpropionate	208	C11H12O4	1000462-07-2	59
2			2,5-Dihydroxybenzaldehyde	138	C7H6O3	001194-98-5	59
3			1,4-Benzenediol, 2,6-dimethyl-	138	C8H10O2	000654-42-2	58
4			4,6-Diamino-0-cresol	138	C7H10N2O	1000239-67-5	50
5			Hydrazine, (3-methoxyphenyl)-	138	C7H10N2O	015384-39-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050994.D
Acq On : 12 Nov 2021 10:16
Operator : CG/JU
Sample : M4615-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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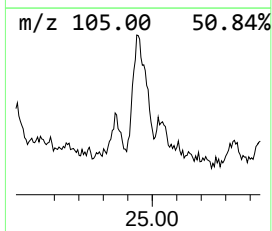
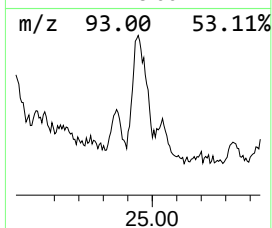
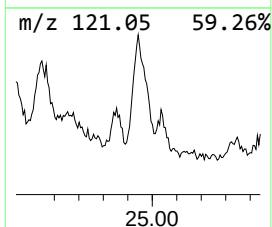
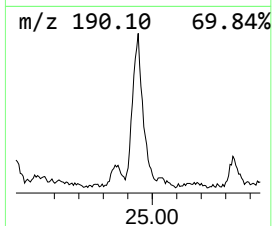
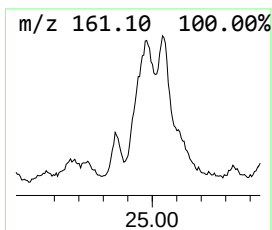
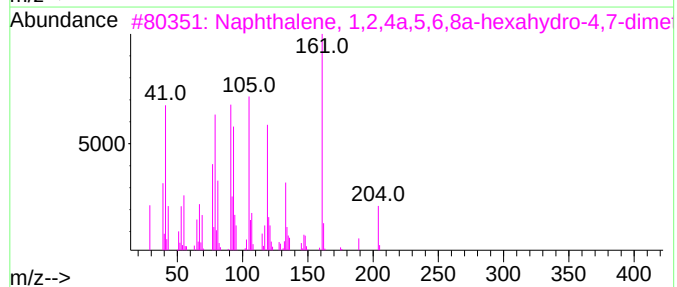
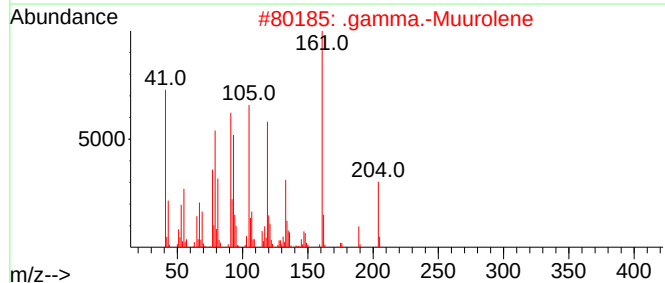
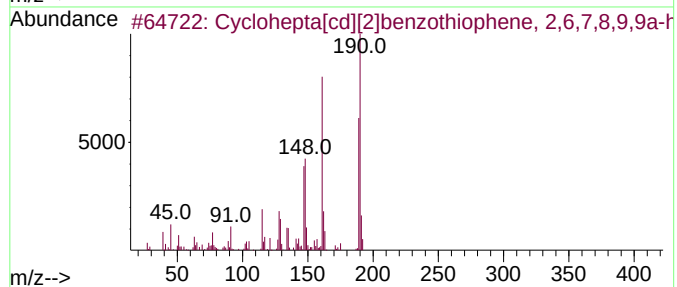
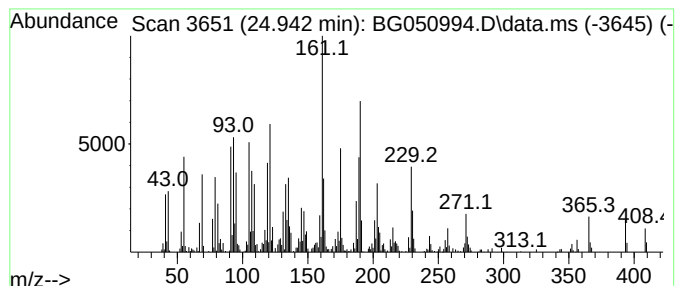
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.942	20.00 ng/ul	863265	Perylene-d12	25.383

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohepta[cd][2]benzothiophene,...	190	C12H14S	199807-57-3	43
2			.gamma.-Murolene	204	C15H24	030021-74-0	38
3			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	30
4			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	30
5			.gamma.-Murolene	204	C15H24	030021-74-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG050994.D
 Acq On : 12 Nov 2021 10:16
 Operator : CG/JU
 Sample : M4615-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	5.283	2.2	ng/ul	3264940	1	8.215	29853200	20.0
(DEL) Alkane: C...	5.641	6.9	ng/ul	10333200	1	8.215	29853200	20.0
(DEL) Alkane: S...	5.776	2.2	ng/ul	3226730	1	8.215	29853200	20.0
(DEL) Alkane: C...	6.011	4.0	ng/ul	5898670	1	8.215	29853200	20.0
(DEL) Alkane: C...	6.082	5.9	ng/ul	8872860	1	8.215	29853200	20.0
(DEL) Alkane: C...	6.170	2.9	ng/ul	4377940	1	8.215	29853200	20.0
(DEL) Alkane: S...	6.241	18.0	ng/ul	26804700	1	8.215	29853200	20.0
(DEL) Alkane: C...	6.505	16.4	ng/ul	24403600	1	8.215	29853200	20.0
(DEL) Alkane: S...	6.611	3.6	ng/ul	5349180	1	8.215	29853200	20.0
7-Methylbicyclo...	6.728	7.7	ng/ul	11501900	1	8.215	29853200	20.0
(DEL) Alkane: S...	6.805	5.6	ng/ul	8293860	1	8.215	29853200	20.0
(DEL) Alkane: C...	6.887	20.3	ng/ul	30284100	1	8.215	29853200	20.0
(DEL) Alkane: C...	6.993	4.1	ng/ul	6062710	1	8.215	29853200	20.0
(DEL) Alkane: S...	7.128	3.4	ng/ul	5081780	1	8.215	29853200	20.0
(DEL) Alkane: S...	7.233	6.7	ng/ul	10010900	1	8.215	29853200	20.0
Benzene, 1-ethy...	7.322	4.4	ng/ul	6518870	1	8.215	29853200	20.0
Benzene, 1-ethy...	7.651	3.6	ng/ul	5357450	1	8.215	29853200	20.0
Benzene, 1,2,4-...	7.927	22.4	ng/ul	33396600	1	8.215	29853200	20.0
Oxalic acid, he...	8.279	20.0	ng/ul	29853200	1	8.215	29853200	20.0
(DEL) Alkane: S...	8.356	5.1	ng/ul	7654040	1	8.215	29853200	20.0
Benzene, 1,2-di...	8.414	8.1	ng/ul	12076300	1	8.215	29853200	20.0
unknown-01	8.479	9.8	ng/ul	14639500	1	8.215	29853200	20.0
(DEL) Alkane: S...	8.550	8.2	ng/ul	12162700	1	8.215	29853200	20.0
(DEL) Alkane: S...	8.597	16.5	ng/ul	24572100	1	8.215	29853200	20.0
(DEL) Alkane: S...	8.814	14.9	ng/ul	22182600	1	8.215	29853200	20.0
(DEL) Alkane: S...	9.049	9.3	ng/ul	13905600	1	8.215	29853200	20.0
Naphthalene, de...	9.143	10.1	ng/ul	15034900	1	8.215	29853200	20.0
(DEL) Alkane: C...	9.354	3.0	ng/ul	4483750	1	8.215	29853200	20.0
(DEL) Alkane: C...	9.390	11.7	ng/ul	17501900	1	8.215	29853200	20.0
(DEL) Alkane: S...	9.554	30.4	ng/ul	45322400	1	8.215	29853200	20.0
unknown-02	9.637	10.1	ng/ul	15132800	1	8.215	29853200	20.0
(DEL) Alkane: S...	9.742	110.4	ng/ul	8558060	2	11.076	1550020	20.0
(DEL) Alkane: C...	9.836	61.8	ng/ul	4787530	2	11.076	1550020	20.0
(DEL) Alkane: S...	9.907	105.7	ng/ul	8189540	2	11.076	1550020	20.0
Benzene, 1,2,3,...	9.977	50.8	ng/ul	3938850	2	11.076	1550020	20.0
Naphthalene, de...	10.024	60.1	ng/ul	4659590	2	11.076	1550020	20.0
Sulfurous acid,...	10.389	36.5	ng/ul	2831390	2	11.076	1550020	20.0
unknown-03	10.471	66.1	ng/ul	5124330	2	11.076	1550020	20.0
(DEL) Alkane: S...	10.565	16.4	ng/ul	1269220	2	11.076	1550020	20.0
Benzene, 1-meth...	10.759	12.3	ng/ul	956521	2	11.076	1550020	20.0
(DEL) Alkane: S...	11.017	92.1	ng/ul	7135690	2	11.076	1550020	20.0
.omega.-3 Arach...	17.944	35.5	ng/ul	931242	4	17.598	524616	20.0
cis-7-Hexadecen...	18.362	67.1	ng/ul	1761020	4	17.598	524616	20.0
n-Hexadecanoic ...	18.479	58.9	ng/ul	1545760	4	17.598	524616	20.0
Phenol, 3-nonyl-	18.608	18.7	ng/ul	491361	4	17.598	524616	20.0
Phenol, 3-undecyl-	19.319	54.6	ng/ul	1432530	4	17.598	524616	20.0
cis-13-Octadece...	19.642	96.8	ng/ul	2539830	4	17.598	524616	20.0
3-Tridecylphenol	20.506	10.0	ng/ul	13351400	5	21.934	26791400	20.0
unknown-04	21.564	178.2	ng/ul	238680000	5	21.934	26791400	20.0
unknown-05	22.110	3.6	ng/ul	4795520	5	21.934	26791400	20.0
Phenol, 3-methyl-	22.909	43.2	ng/ul	57905700	5	21.934	26791400	20.0
Cardoltriene	23.644	14.5	ng/ul	19433600	5	21.934	26791400	20.0

Sesamol, 2-meth...	24.031	297.2	ng/ul	12827600	6	25.383	863265	20.0
unknown-06	24.942	20.0	ng/ul	863265	6	25.383	863265	20.0

Instrument :
BNA_G
ClientSampleId :
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