

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051705.D
 Acq On : 21 Dec 2021 7:28
 Operator : CG/JU
 Sample : M5171-13DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLA9DL

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-BG121421.M
 Title : SVOA CALIBRATION

Signal : TIC: BG051705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.407	661	667	675	rVB5	25064	48531	0.57%	0.182%
2	7.912	745	753	759	rBV	29917	50238	0.59%	0.188%
3	8.270	805	814	824	rBV2	169357	315081	3.69%	1.180%
4	8.634	870	876	882	rVB6	11593	25831	0.30%	0.097%
5	8.822	902	908	912	rVV4	24014	57272	0.67%	0.214%
6	8.934	920	927	928	rBV5	18571	37416	0.44%	0.140%
7	8.963	929	932	939	rVB4	24936	40193	0.47%	0.150%
8	9.392	996	1005	1010	rBV3	35998	78355	0.92%	0.293%
9	9.492	1016	1022	1029	rVB10	13748	30636	0.36%	0.115%
10	9.645	1043	1048	1057	rVB9	15927	39069	0.46%	0.146%
11	9.750	1057	1066	1067	rBV6	11669	25659	0.30%	0.096%
12	9.921	1089	1095	1100	rBV	59423	105509	1.24%	0.395%
13	9.980	1100	1105	1109	rBV	28682	44505	0.52%	0.167%
14	10.168	1130	1137	1142	rBV7	21558	47764	0.56%	0.179%
15	10.220	1142	1146	1151	rVV3	20431	35229	0.41%	0.132%
16	10.285	1151	1157	1163	rVV9	21112	44094	0.52%	0.165%
17	10.356	1163	1169	1176	rVV6	20461	55969	0.66%	0.210%
18	10.438	1177	1183	1189	rVV5	18616	38888	0.46%	0.146%
19	10.502	1189	1194	1200	rVV4	35183	75867	0.89%	0.284%
20	10.561	1200	1204	1209	rVV5	14012	25602	0.30%	0.096%
21	10.620	1209	1214	1219	rVV4	14516	26506	0.31%	0.099%
22	10.714	1227	1230	1239	rVB5	16019	34387	0.40%	0.129%
23	10.802	1239	1245	1254	rBV5	12481	26489	0.31%	0.099%
24	11.107	1286	1297	1302	rVV	229614	485587	5.69%	1.818%
25	11.160	1302	1306	1312	rVV2	98740	182126	2.13%	0.682%
26	11.260	1312	1323	1329	rVB3	52452	136433	1.60%	0.511%
27	11.319	1329	1333	1339	rBV6	15447	29826	0.35%	0.112%
28	11.812	1412	1417	1422	rVV6	27105	57974	0.68%	0.217%
29	11.936	1433	1438	1444	rVB4	24270	42315	0.50%	0.158%
30	12.018	1444	1452	1458	rBV5	31199	67808	0.79%	0.254%
31	12.112	1463	1468	1473	rBV	60023	100116	1.17%	0.375%
32	12.206	1480	1484	1490	rVB5	20177	34200	0.40%	0.128%
33	12.294	1493	1499	1505	rBV6	20774	40750	0.48%	0.153%
34	12.500	1528	1534	1538	rBV5	18746	37159	0.44%	0.139%
35	12.641	1555	1558	1566	rVB7	17881	26661	0.31%	0.100%
36	12.717	1566	1571	1580	rVB5	26307	55879	0.65%	0.209%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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37	12.846	1588	1593	1598	rVB7	14055	27901	0.33%	0.104%
38	12.970	1606	1614	1623	rVB	90982	180488	2.11%	0.676%
39	13.128	1636	1641	1644	rBV3	20611	35914	0.42%	0.134%
40	13.299	1667	1670	1676	rVV3	26031	37300	0.44%	0.140%
41	13.387	1681	1685	1690	rVV7	24483	45312	0.53%	0.170%
42	13.440	1690	1694	1702	rVB2	74321	128115	1.50%	0.480%
43	13.710	1735	1740	1741	rBV3	32950	38583	0.45%	0.144%
44	14.068	1796	1801	1813	rVB4	59104	155434	1.82%	0.582%
45	14.233	1823	1829	1833	rBV2	90385	169253	1.98%	0.634%
46	14.286	1833	1838	1843	rVB3	99840	173724	2.04%	0.650%
47	14.344	1843	1848	1850	rBV2	62747	97828	1.15%	0.366%
48	14.380	1850	1854	1858	rVB2	100189	136441	1.60%	0.511%
49	14.462	1864	1868	1871	rBV3	34310	54161	0.63%	0.203%
50	14.603	1887	1892	1895	rBV2	38024	55809	0.65%	0.209%
51	14.750	1912	1917	1921	rVB2	72263	104477	1.22%	0.391%
52	14.908	1933	1944	1949	rBV	370937	711890	8.34%	2.665%
53	15.184	1988	1991	1995	rBV4	25084	36711	0.43%	0.137%
54	15.290	2006	2009	2015	rVB5	74905	137267	1.61%	0.514%
55	15.408	2026	2029	2037	rVB6	48516	92789	1.09%	0.347%
56	15.519	2045	2048	2053	rBV5	44160	70467	0.83%	0.264%
57	15.572	2053	2057	2062	rBV6	58769	83227	0.98%	0.312%
58	15.701	2075	2079	2088	rVB5	95550	172497	2.02%	0.646%
59	15.842	2099	2103	2108	rVB4	62068	117962	1.38%	0.442%
60	15.895	2109	2112	2116	rBV4	47010	68661	0.80%	0.257%
61	16.142	2151	2154	2160	rVB3	99166	140374	1.64%	0.526%
62	16.312	2179	2183	2187	rBV	73850	121093	1.42%	0.453%
63	16.353	2187	2190	2194	rVV3	58424	84572	0.99%	0.317%
64	16.624	2232	2236	2241	rVB	247553	346787	4.06%	1.298%
65	16.723	2249	2253	2256	rBV2	72525	122325	1.43%	0.458%
66	17.446	2373	2376	2380	rVB	121106	152883	1.79%	0.572%
67	17.657	2406	2412	2417	rBV	423152	726758	8.51%	2.721%
68	19.085	2652	2655	2661	rVB3	118841	155874	1.83%	0.584%
69	19.426	2710	2713	2721	rVB5	80878	132348	1.55%	0.495%
70	19.625	2743	2747	2753	rVB	177789	241958	2.83%	0.906%
71	19.901	2791	2794	2799	rVB	104123	138538	1.62%	0.519%
72	20.025	2812	2815	2820	rVB2	95588	119412	1.40%	0.447%
73	20.800	2945	2947	2951	rVB	60262	66447	0.78%	0.249%
74	21.300	3027	3032	3039	rVB2	415851	688784	8.07%	2.579%
75	21.388	3044	3047	3051	rVB	73178	88818	1.04%	0.333%
76	21.464	3056	3060	3065	rVB	201856	264012	3.09%	0.988%

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77	21.582	3076	3080	3086	rVB3	59340	88804	1.04%	0.332%
78	21.852	3118	3126	3137	rVB	5299739	8535484	100.00%	31.954%
79	21.969	3140	3146	3153	rVB3	395415	753489	8.83%	2.821%
80	22.140	3171	3175	3178	rBV2	81890	135533	1.59%	0.507%
81	22.392	3215	3218	3224	rVB	60580	95361	1.12%	0.357%
82	22.457	3226	3229	3237	rVB	91936	142282	1.67%	0.533%
83	22.586	3245	3251	3257	rVV	230641	428240	5.02%	1.603%
84	22.657	3257	3263	3274	rVB2	359381	804900	9.43%	3.013%
85	22.833	3289	3293	3299	rVB3	42630	69847	0.82%	0.261%
86	23.162	3342	3349	3361	rVB	648590	1507922	17.67%	5.645%
87	23.591	3418	3422	3428	rVB3	56666	101156	1.19%	0.379%
88	23.837	3460	3464	3471	rVB3	45285	88779	1.04%	0.332%
89	23.943	3479	3482	3488	rVB	66361	109922	1.29%	0.412%
90	24.096	3501	3508	3520	rVB2	236382	592198	6.94%	2.217%
91	24.260	3530	3536	3545	rVB3	167786	445918	5.22%	1.669%
92	24.877	3634	3641	3646	rBV2	332223	926872	10.86%	3.470%
93	25.476	3735	3743	3752	rVB	206337	599294	7.02%	2.244%
94	26.122	3847	3853	3860	rBV2	70521	193193	2.26%	0.723%
95	26.199	3862	3866	3876	rVB2	75294	197196	2.31%	0.738%
96	27.291	4040	4052	4065	rVB	267557	974661	11.42%	3.649%
97	27.444	4071	4078	4086	rBV10	41757	148456	1.74%	0.556%
98	28.684	4279	4289	4300	rBV8	66027	255248	2.99%	0.956%
99	29.048	4344	4351	4353	rBV3	29728	68145	0.80%	0.255%
100	30.728	4629	4637	4653	rVB3	69845	319805	3.75%	1.197%

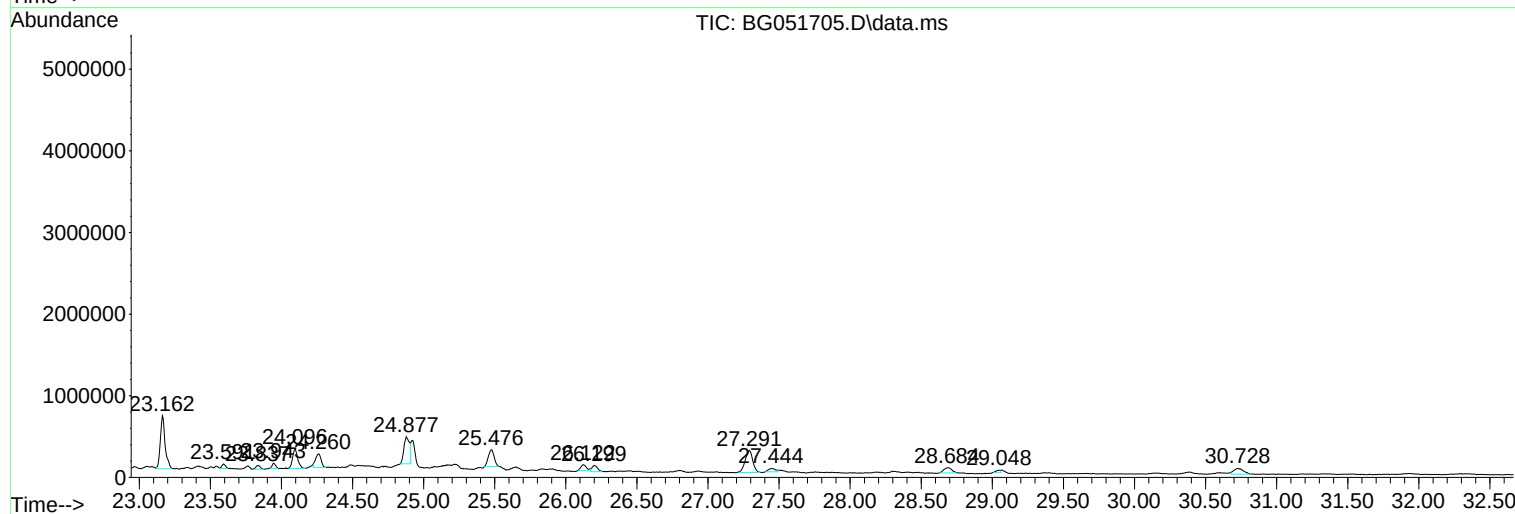
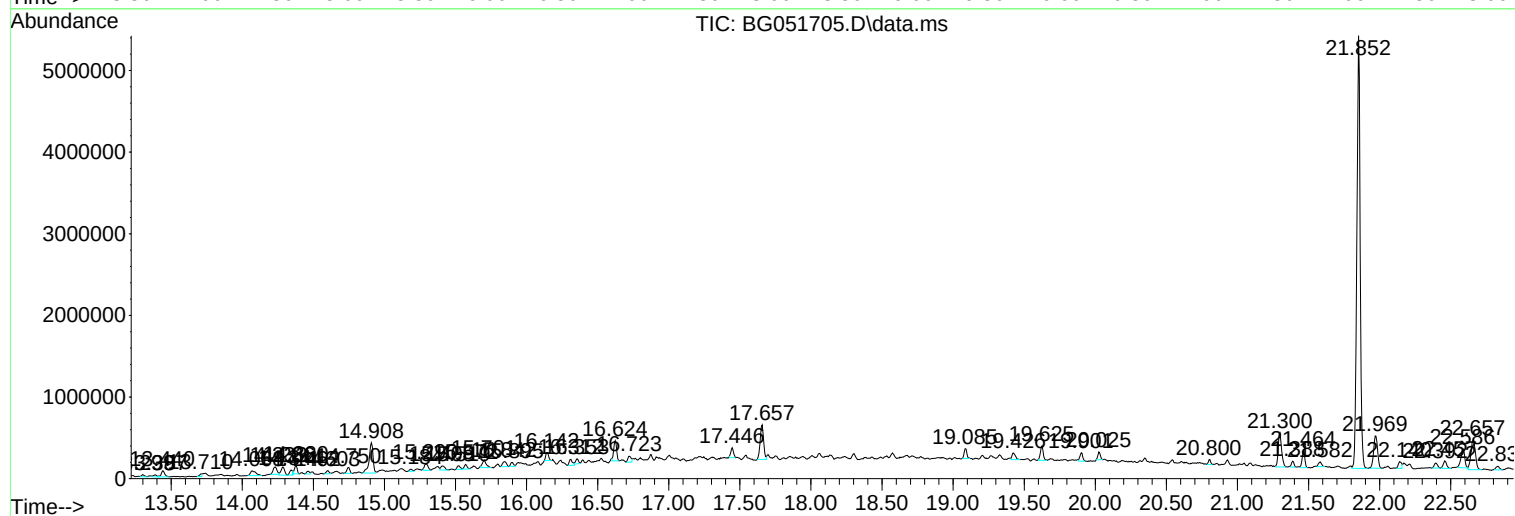
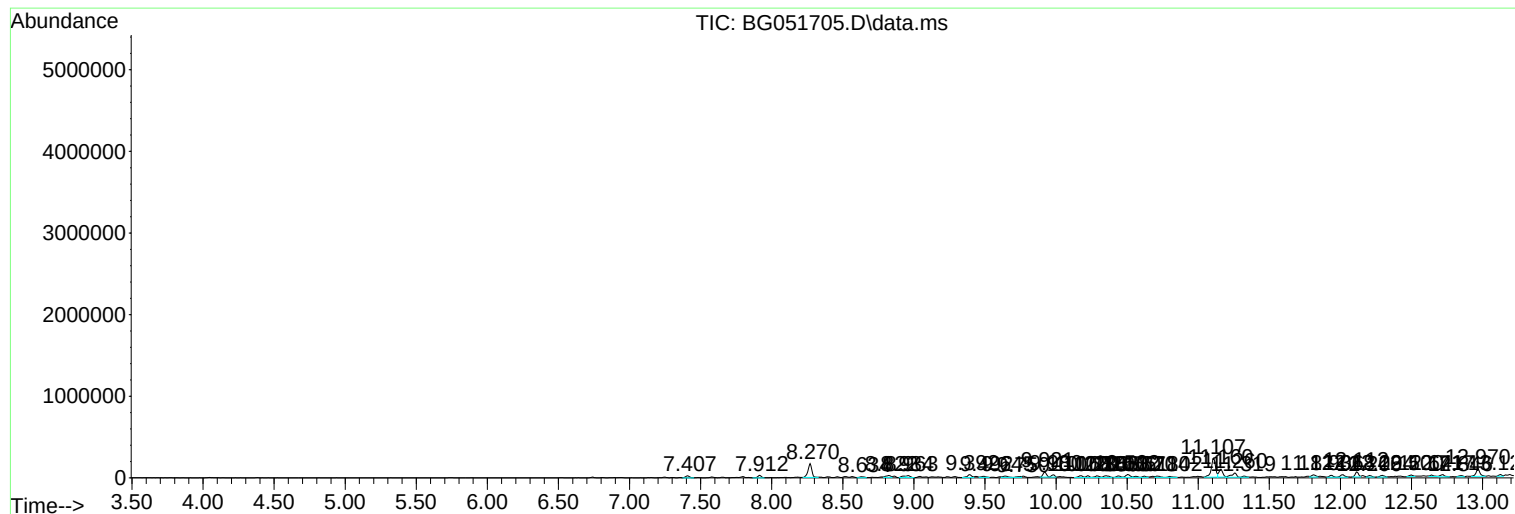
Sum of corrected areas: 26711823

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



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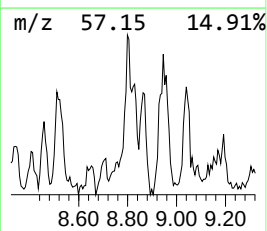
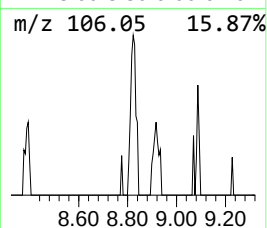
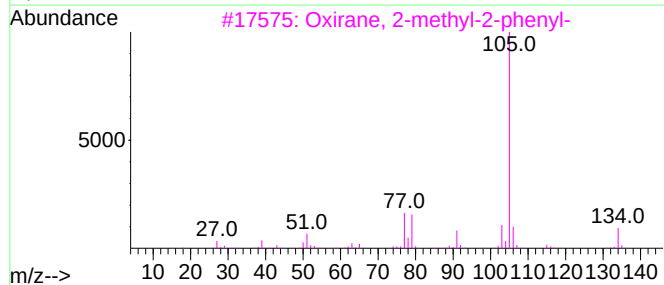
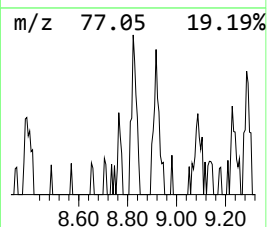
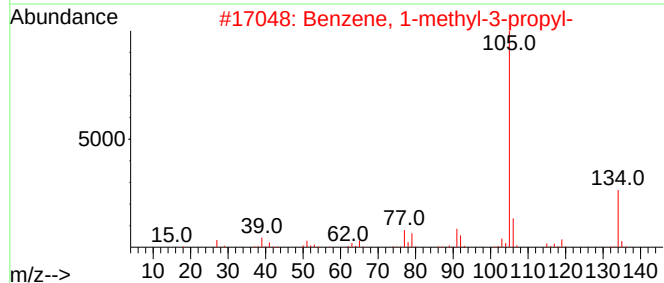
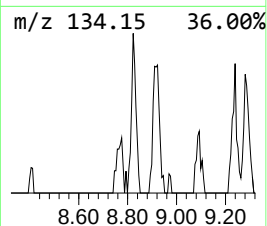
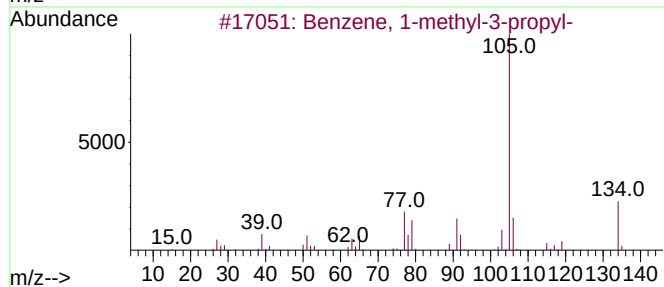
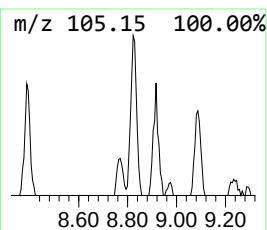
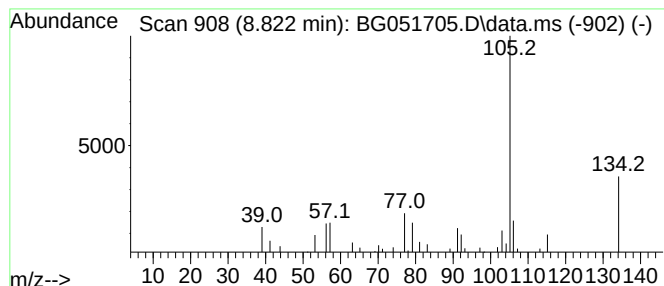
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	3.64 ng/ul	57272	1,4-Dichlorobenzene-d4	8.270

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	59
3			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	53
4			2-Tolyloxirane	134	C9H10O	002783-26-8	52
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50



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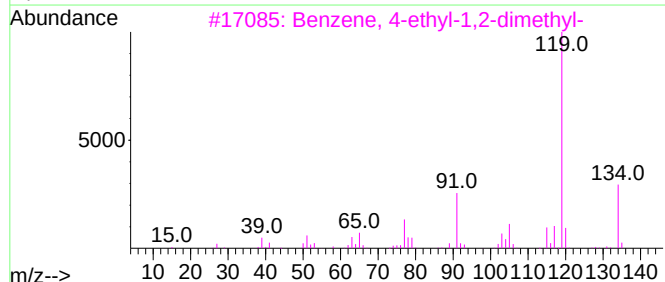
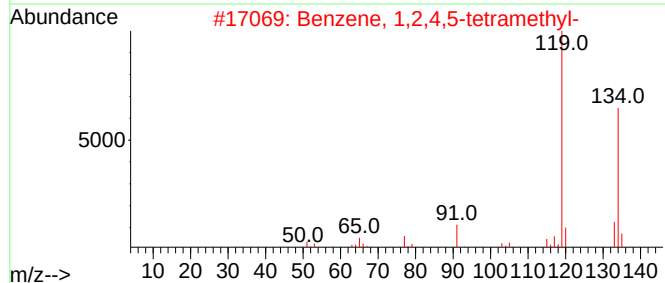
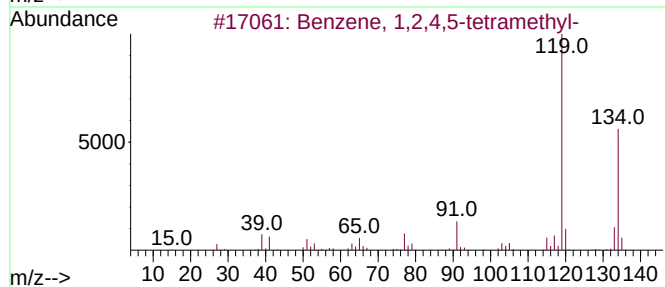
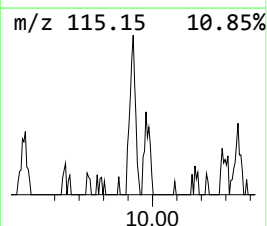
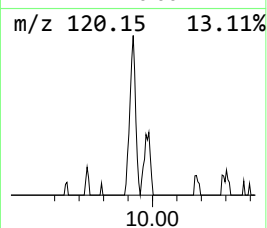
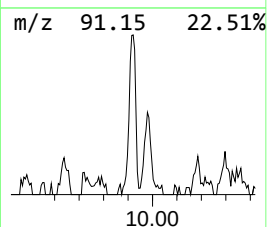
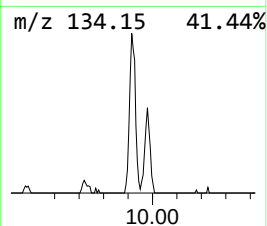
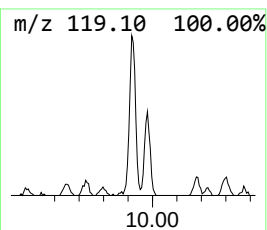
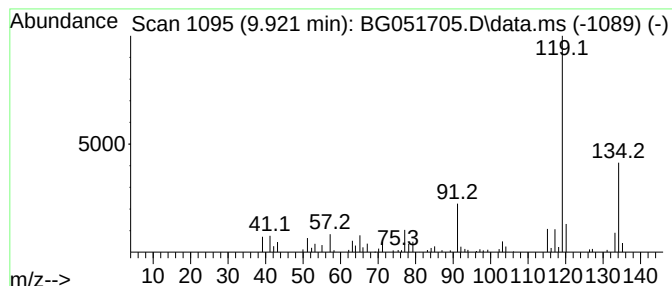
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.921	4.35 ng/ul	105509	Naphthalene-d8	11.108

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			p-Cymene	134	C10H14	000099-87-6	93



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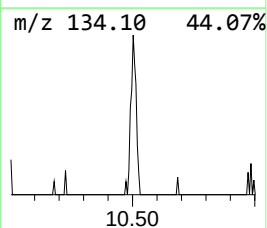
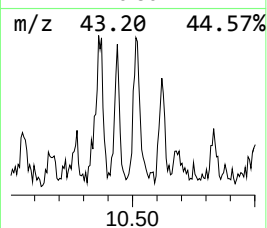
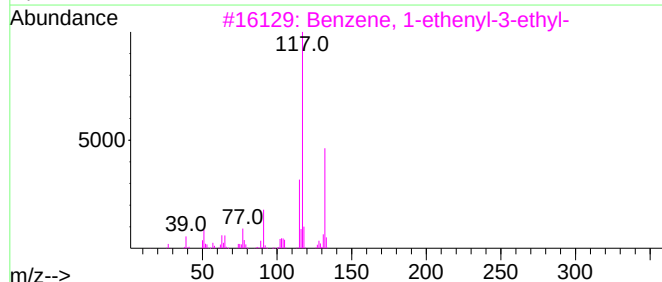
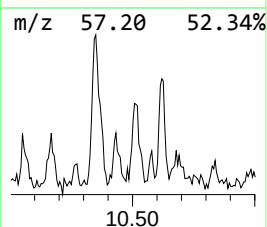
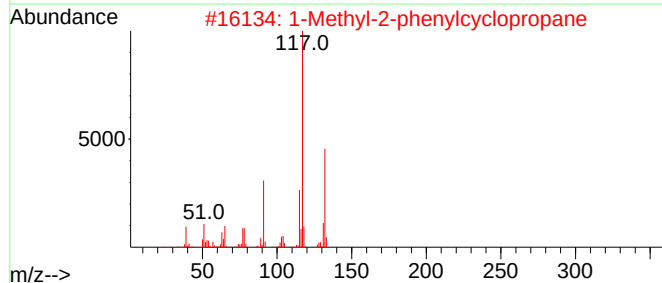
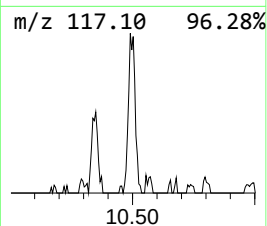
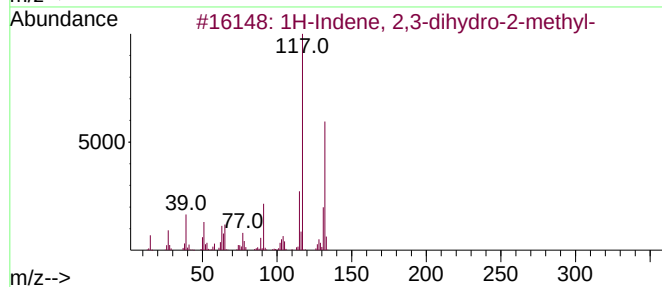
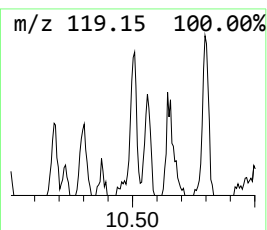
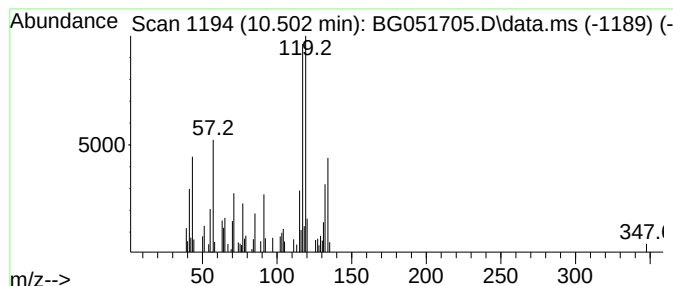
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	3.12 ng/ul	75867	Naphthalene-d8	11.108

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	50
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

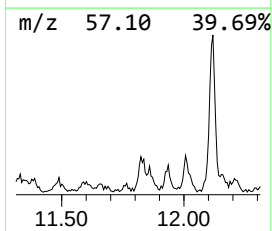
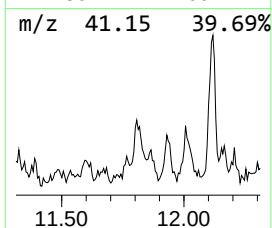
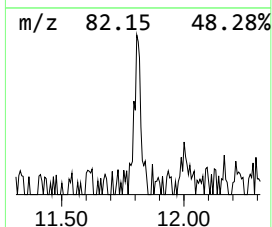
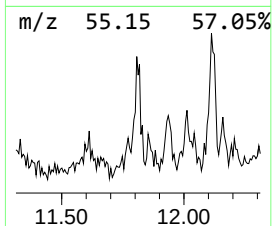
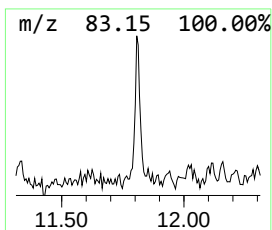
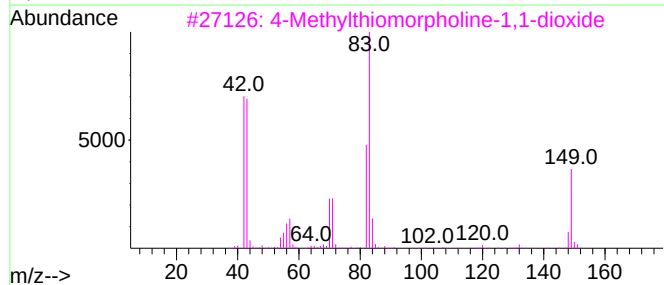
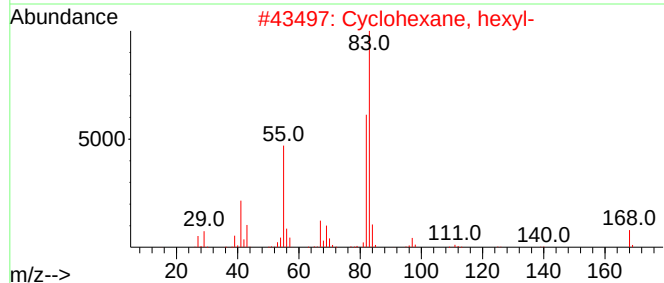
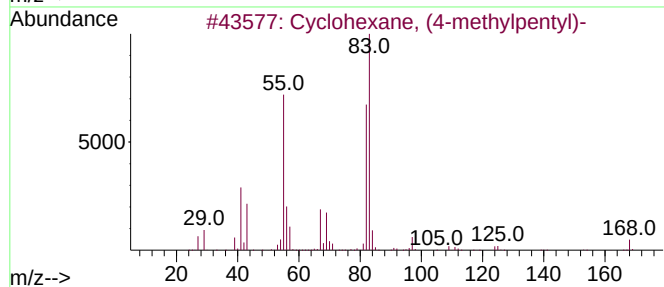
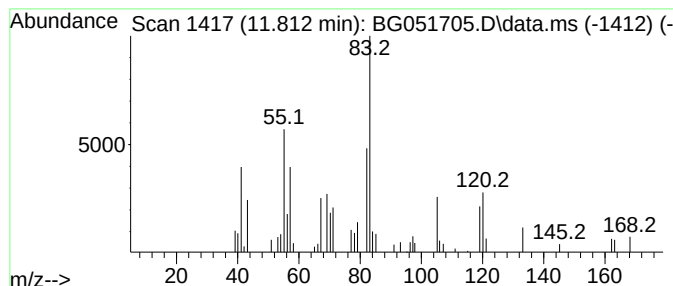
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic11.812 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.812	2.39 ng/ul	57974	Naphthalene-d8	11.108	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
3	4-Methylthiomorpholine-1,1-dioxide	149	C5H11NO2S	025343-91-3	47
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
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Instrument :
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ClientSampleId :
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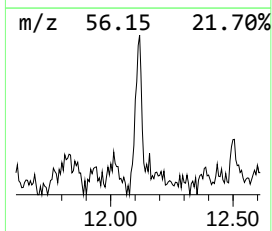
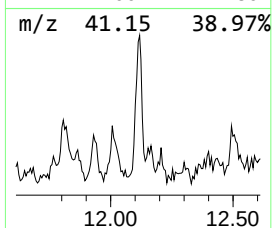
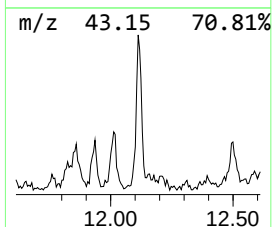
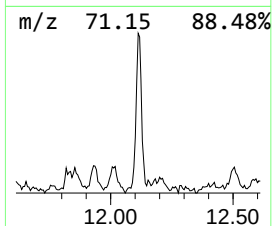
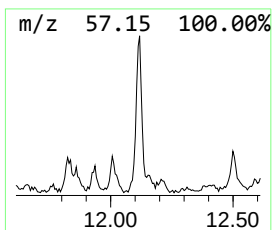
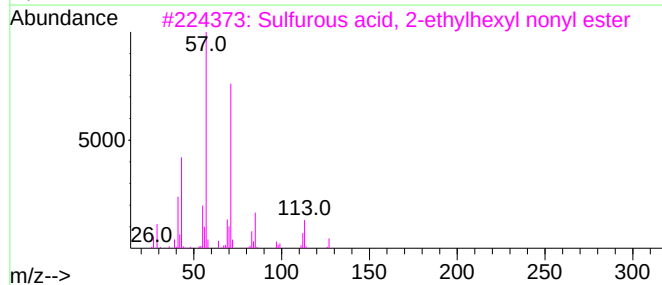
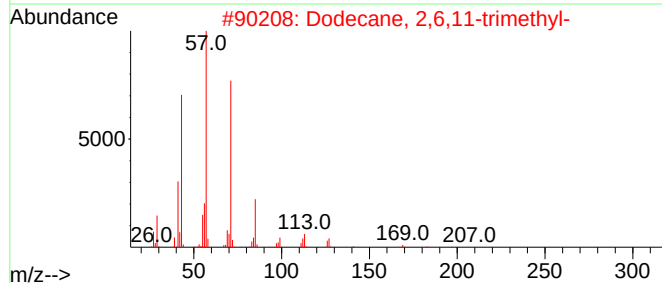
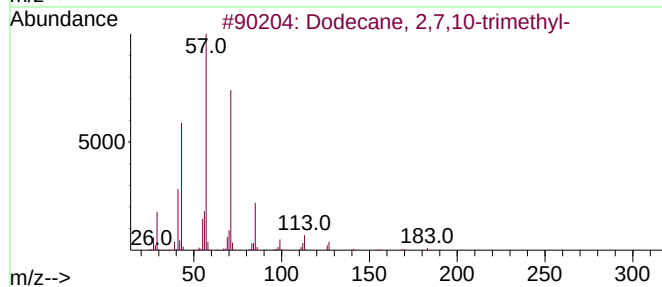
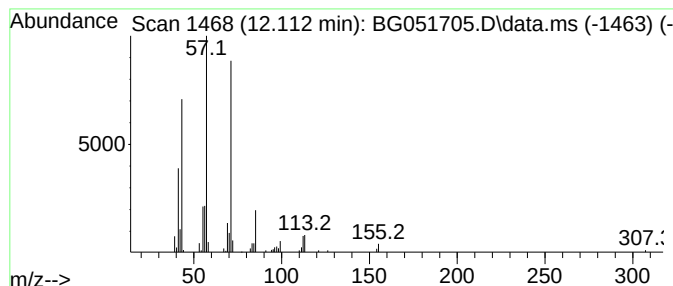
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.112	4.12 ng/ul	100116	Naphthalene-d8	11.108

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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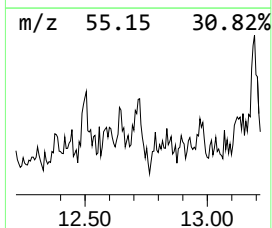
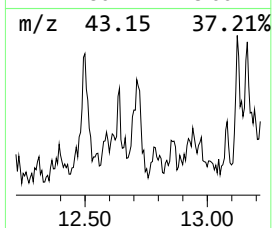
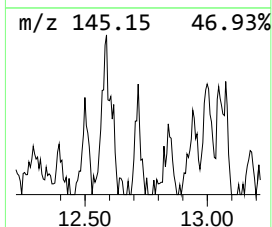
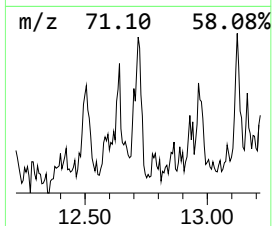
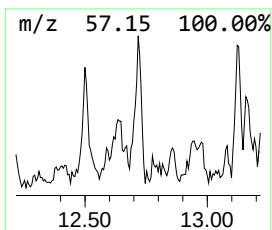
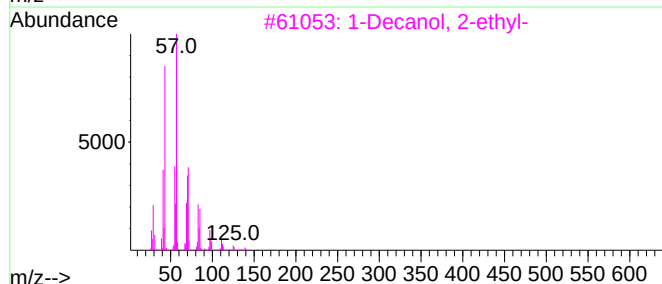
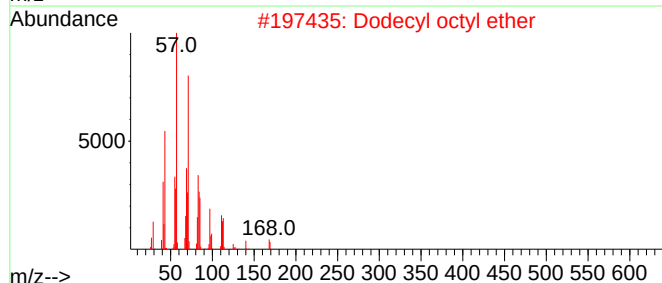
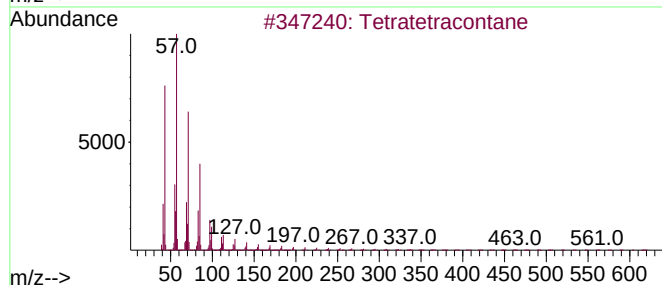
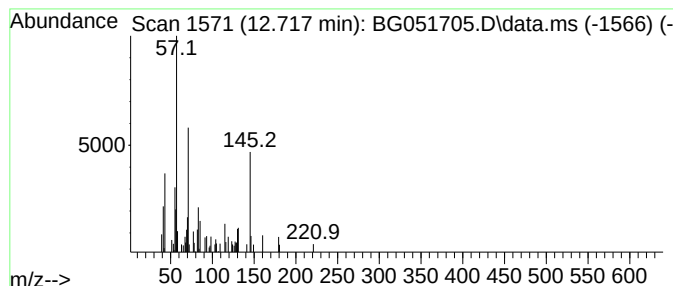
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.717	2.30 ng/ul	55879	Naphthalene-d8	11.108

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	43
2			Dodecyl octyl ether	298	C20H42O	1000406-38-4	43
3			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
4			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	37
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
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Sample : M5171-13DL 10X
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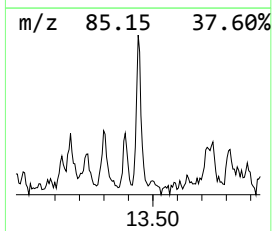
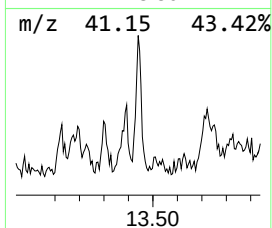
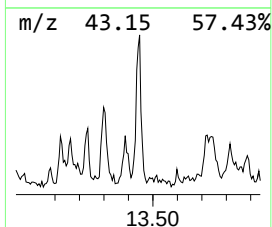
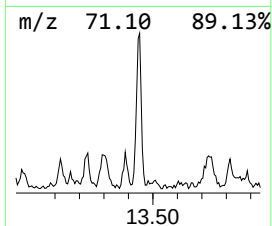
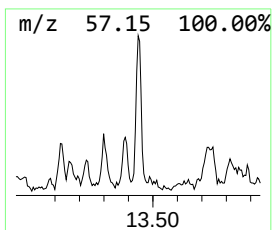
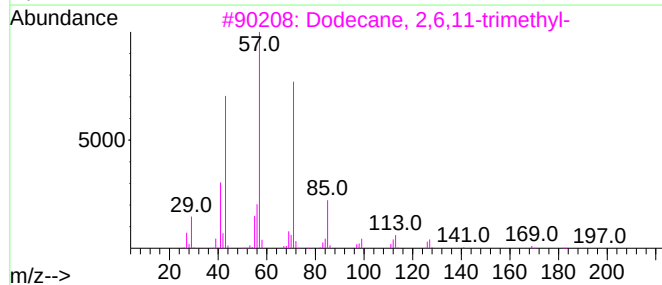
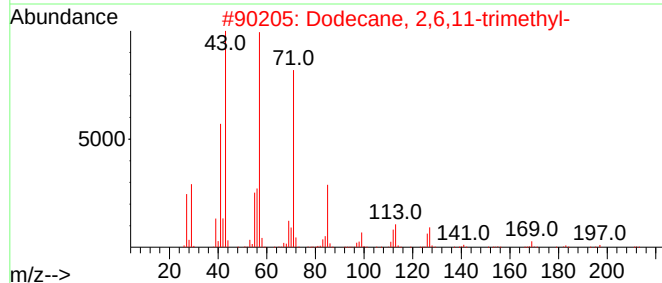
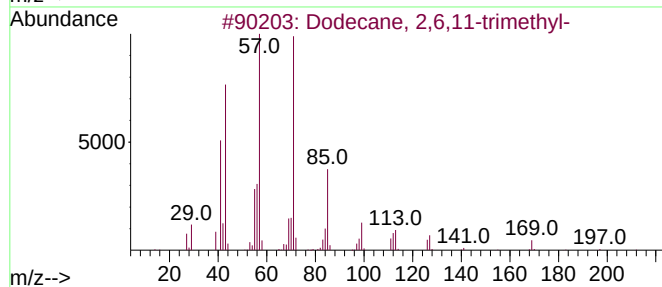
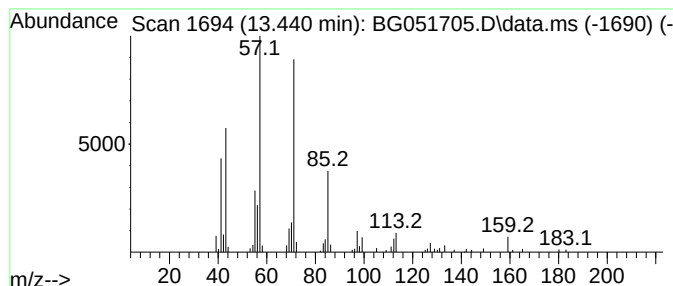
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.440	3.60 ng/ul	128115	Acenaphthene-d10		14.908	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	86
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	86
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	78
4	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	64
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
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Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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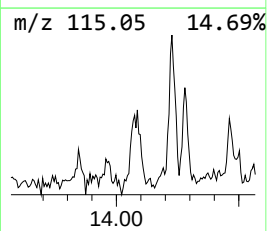
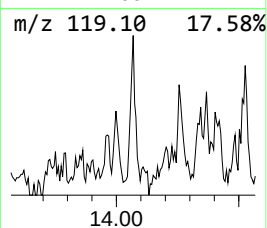
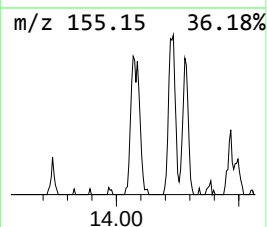
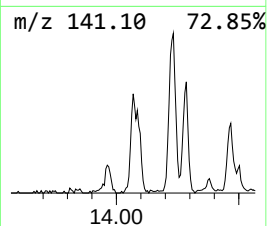
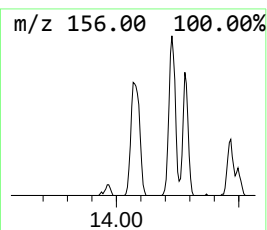
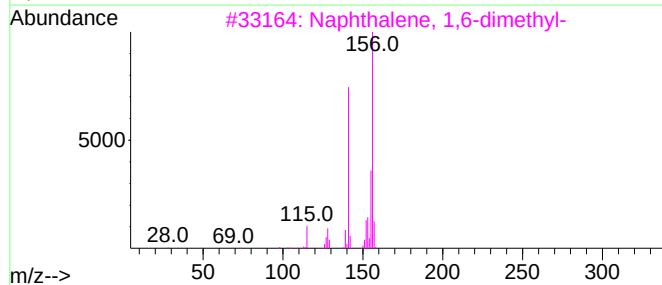
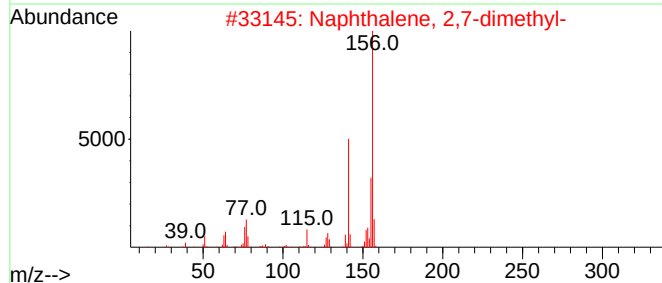
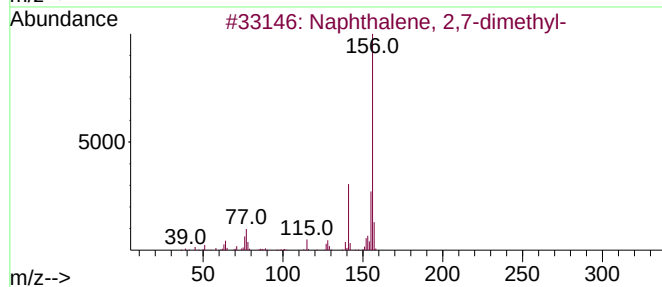
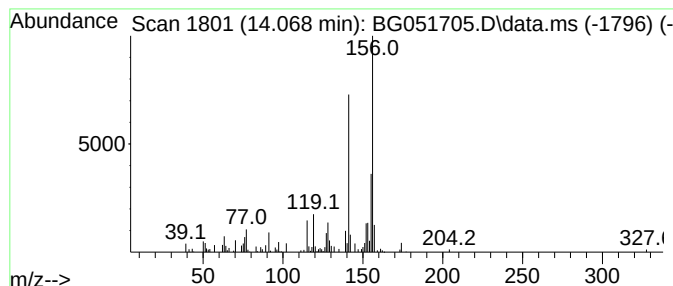
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	4.37 ng/ul	155434	Acenaphthene-d10	14.908

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
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ClientSampleId :
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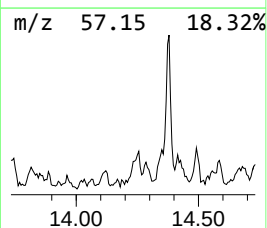
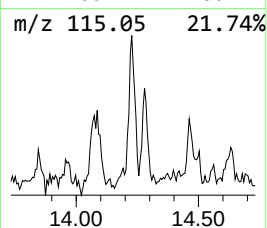
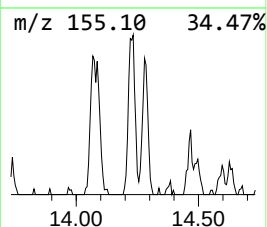
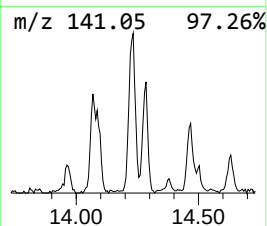
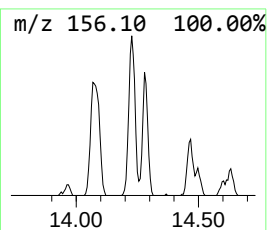
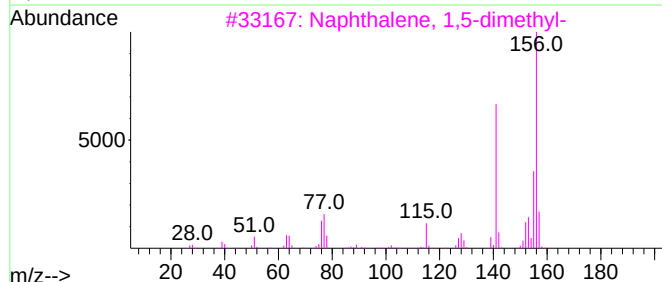
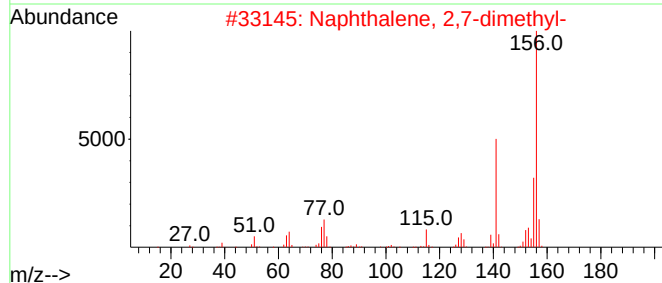
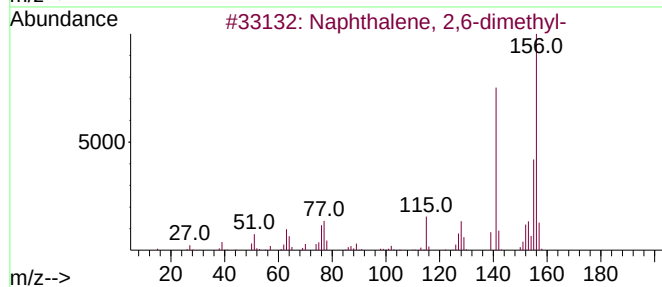
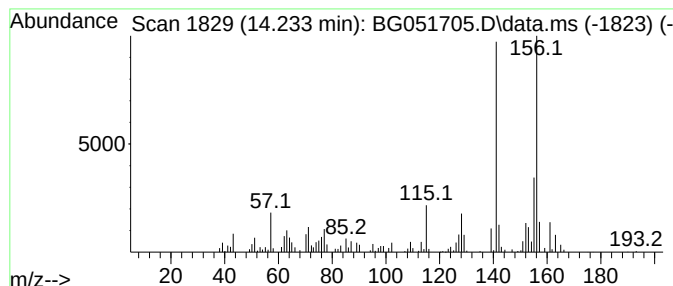
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	4.76 ng/ul	169253	Acenaphthene-d10	14.908

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
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Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

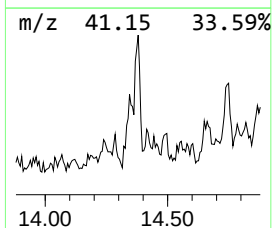
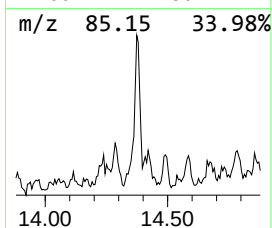
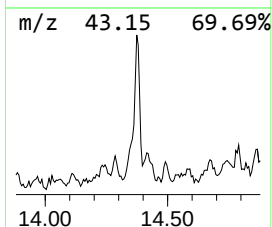
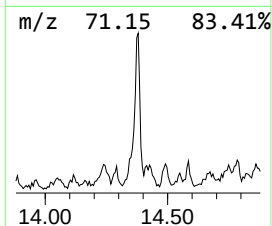
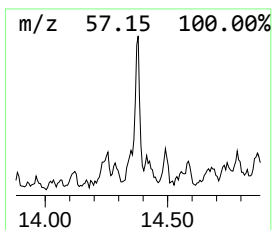
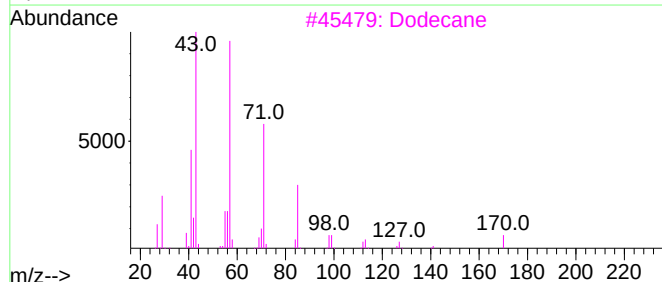
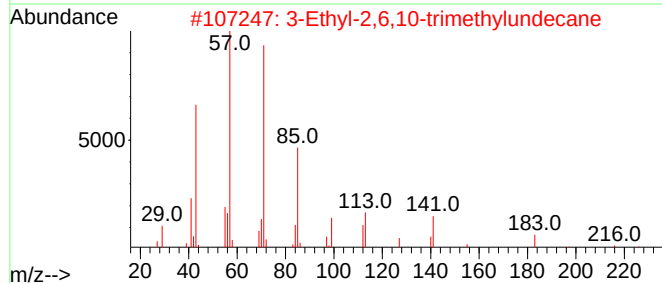
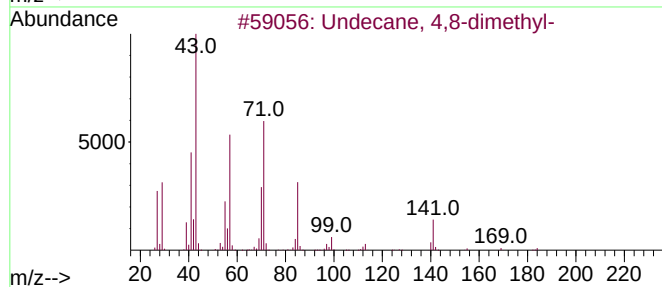
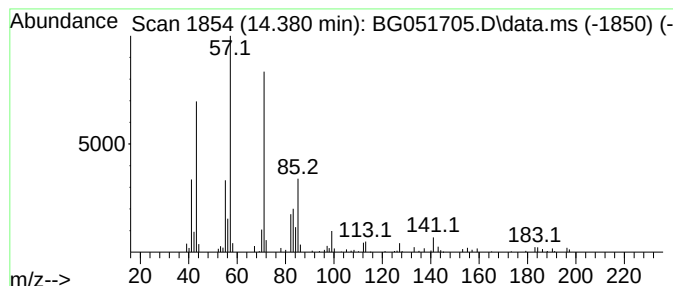
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.380	3.83 ng/ul	136441	Acenaphthene-d10		14.908	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	64
2	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	64
3	Dodecane		170	C12H26	000112-40-3	64
4	Tridecane		184	C13H28	000629-50-5	62
5	Tridecane		184	C13H28	000629-50-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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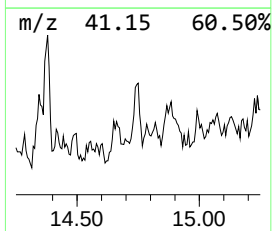
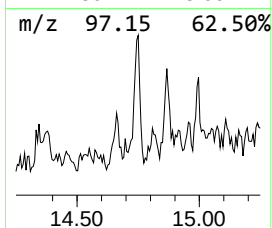
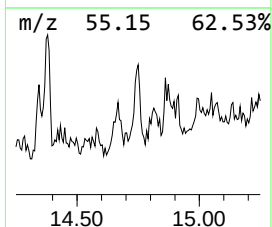
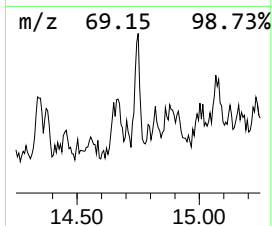
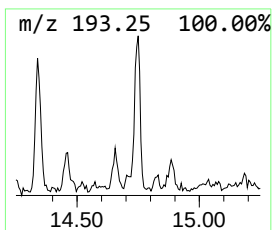
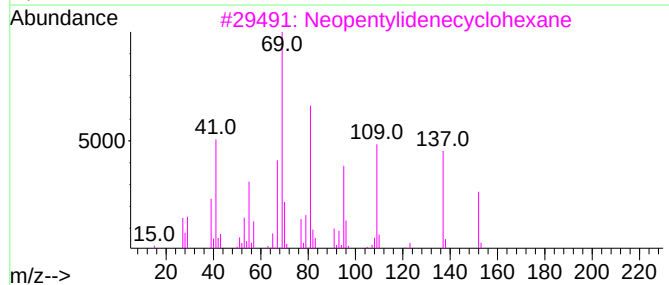
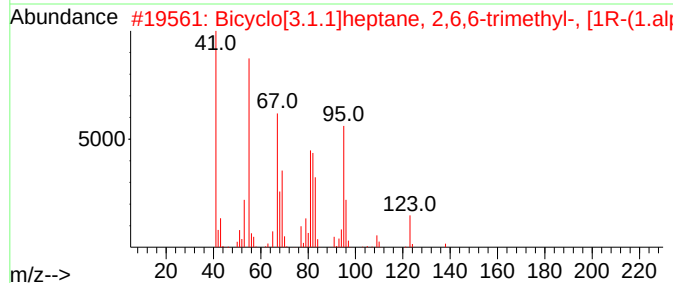
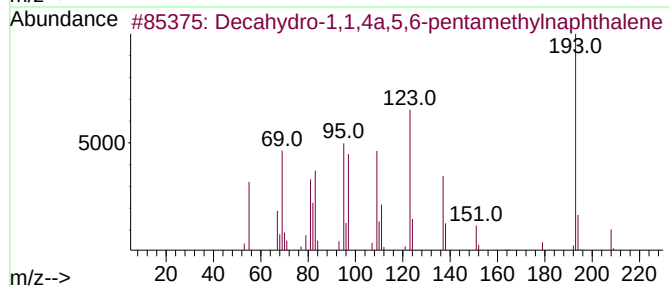
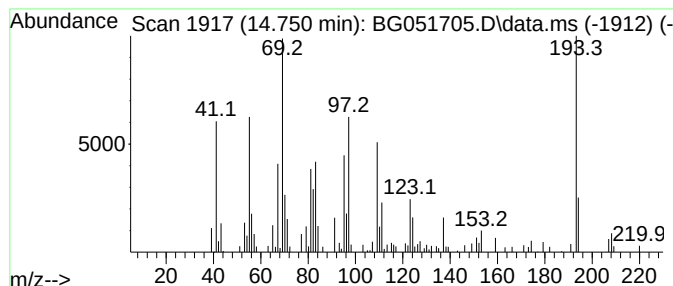
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.750	2.94 ng/ul	104477	Acenaphthene-d10	14.908

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	52
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	35
3			Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
4			Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	30
5			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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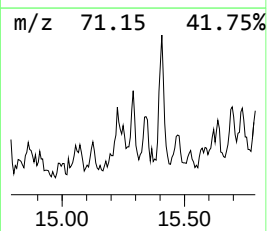
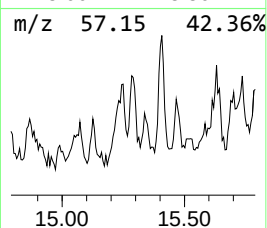
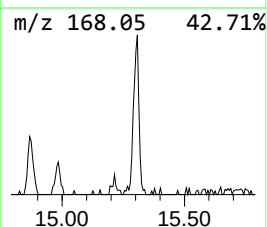
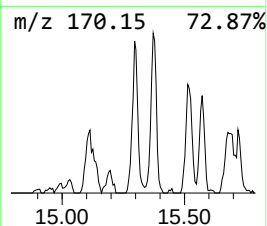
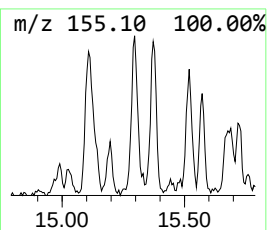
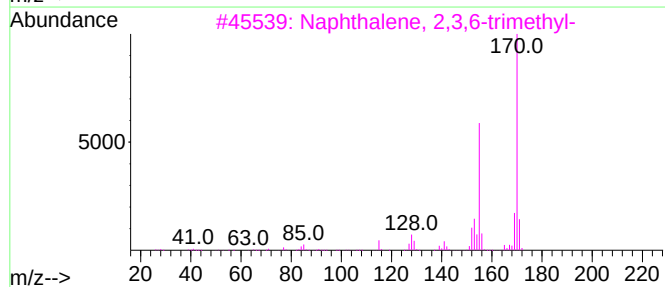
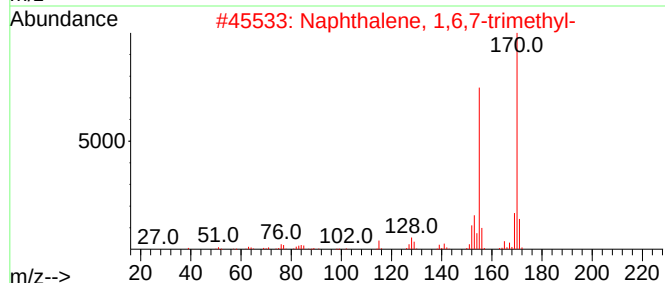
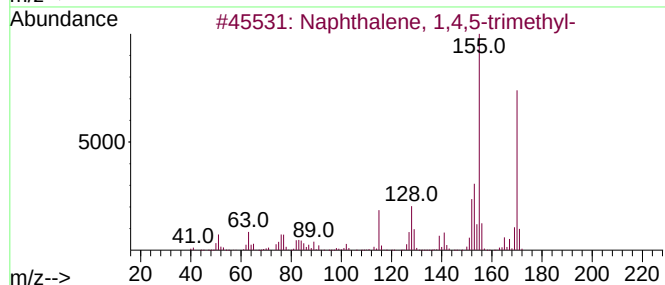
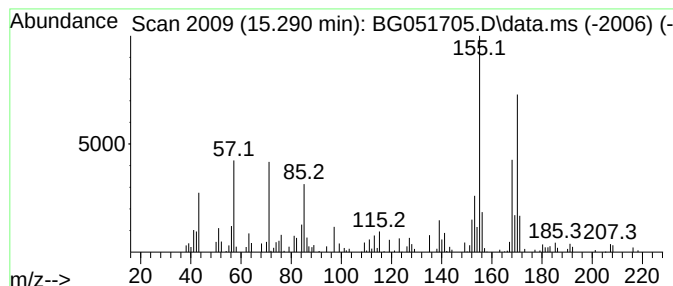
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.290	3.86 ng/ul	137267	Acenaphthene-d10	14.908

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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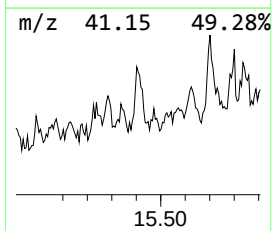
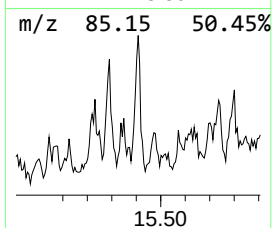
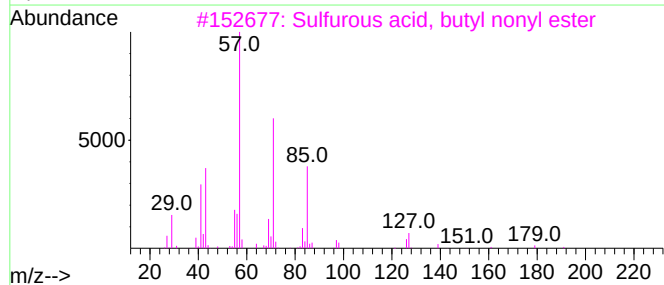
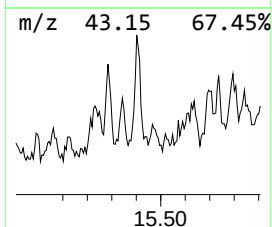
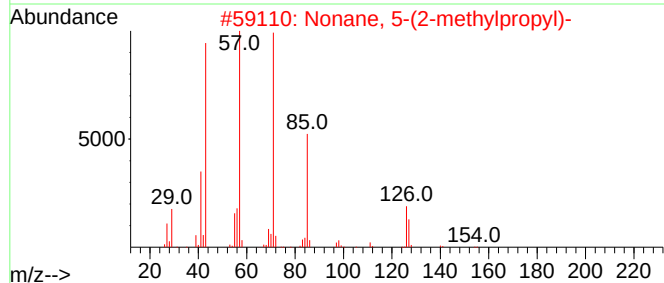
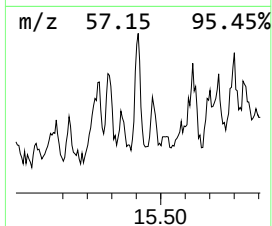
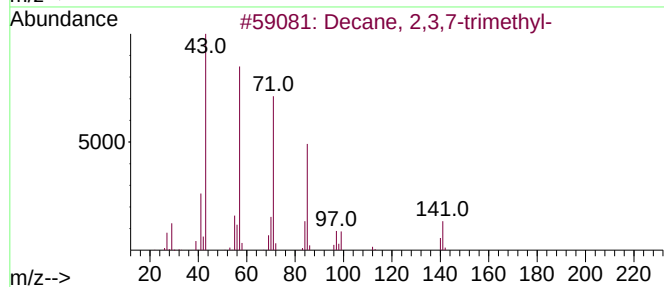
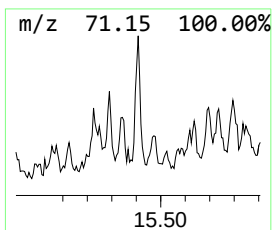
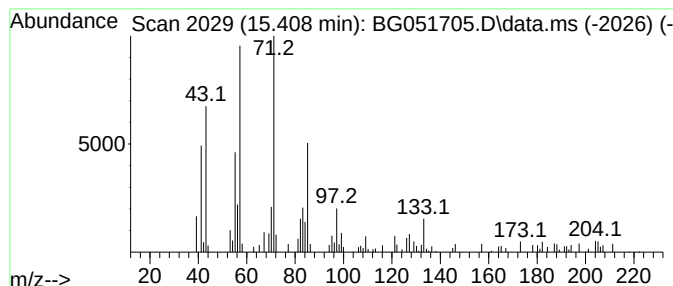
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.408	2.61 ng/ul	92789	Acenaphthene-d10	14.908

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59
2			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	58
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4			Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
5			Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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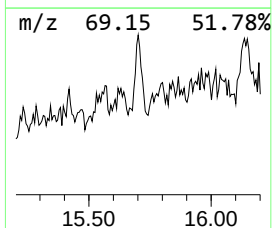
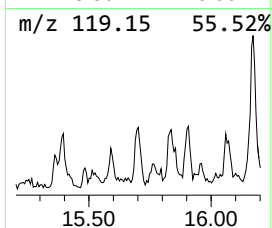
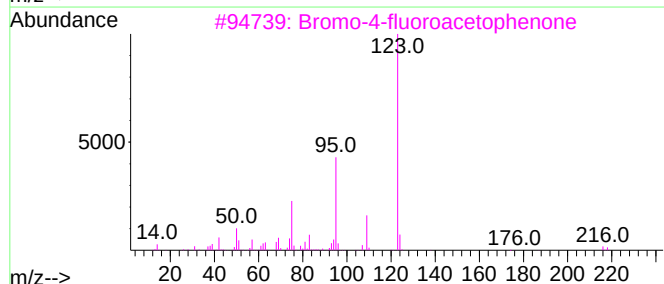
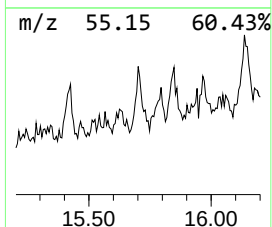
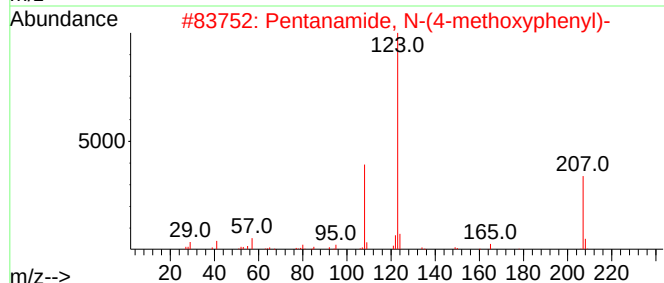
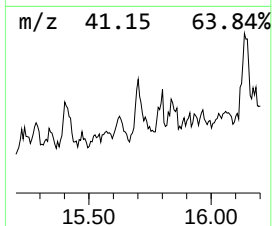
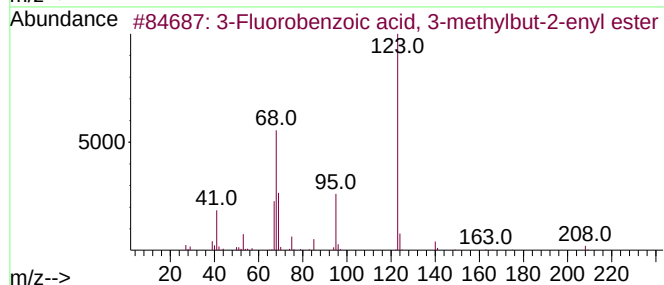
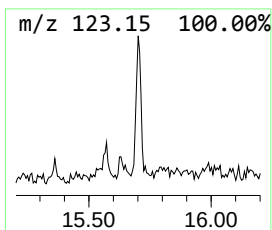
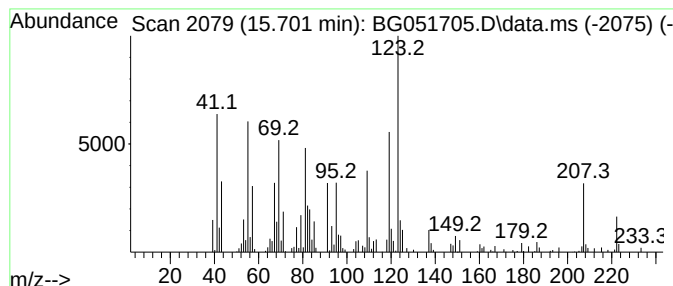
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	4.85 ng/ul	172497	Acenaphthene-d10	14.908

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	38
2			Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	38
3			Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	38
4			Bicyclo[4.1.0]heptane-7-carboxyl...	306	C14H14N2O6	1000311-95-8	35
5			4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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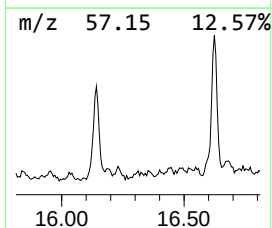
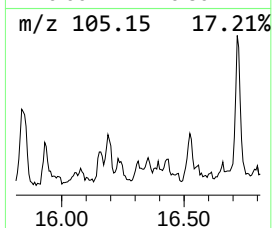
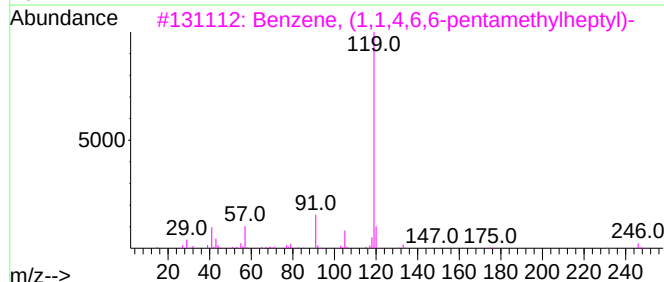
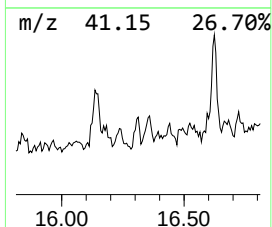
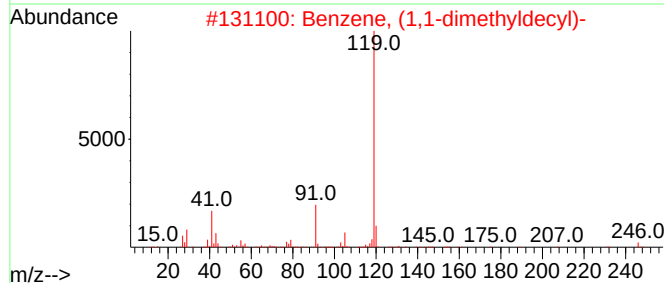
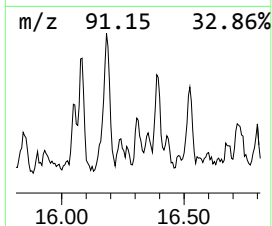
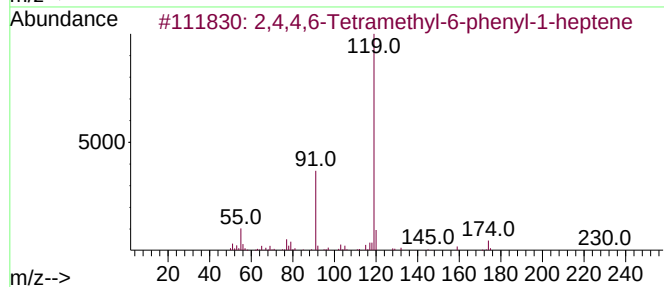
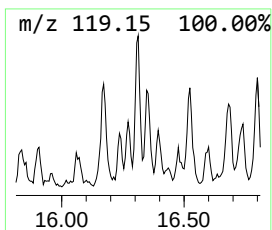
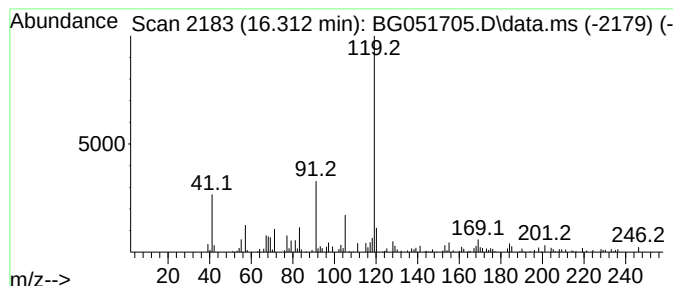
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 2,4,4,6-Tetramethyl-6-pheny... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.312	3.33 ng/ul	121093	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	74		
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72		
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72		
4	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	72		
5	2,4,4,6-Tetramethyl-6-phenylheptane	232	C17H28	1010293-28-6	72		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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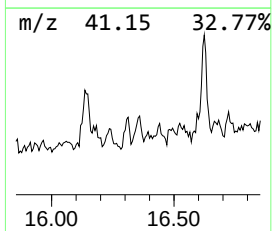
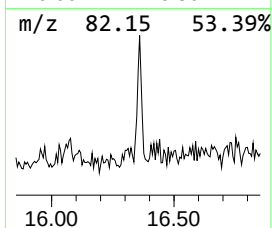
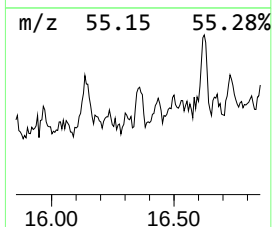
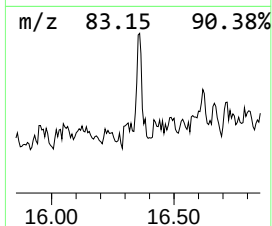
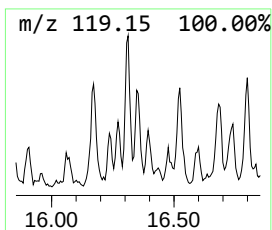
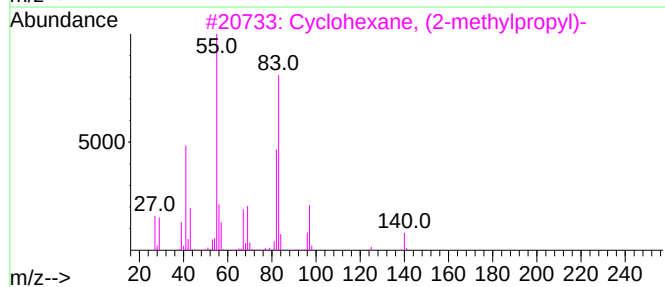
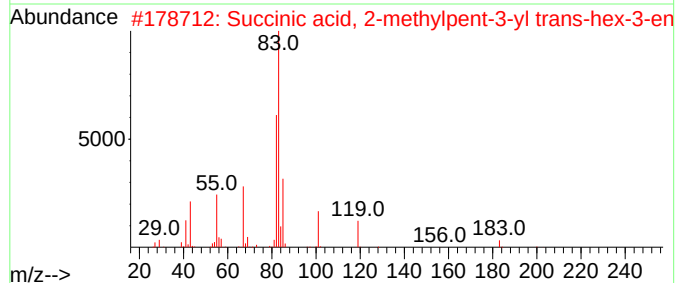
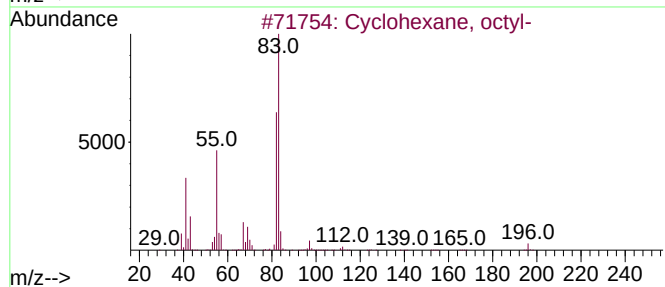
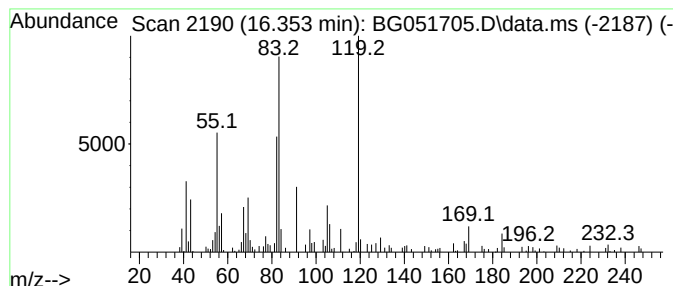
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic16.353 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.353	2.33 ng/ul	84572	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	46
2			Succinic acid, 2-methylpent-3-yl...	284	C16H28O4	1000391-11-2	38
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	35



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Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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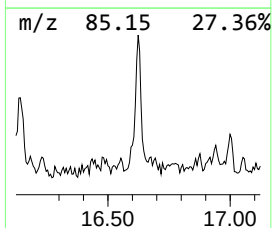
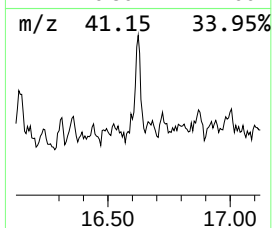
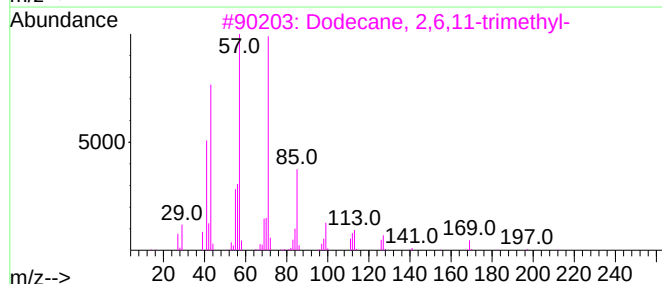
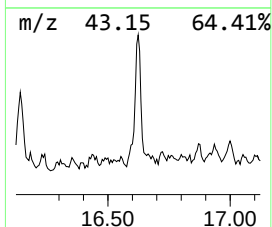
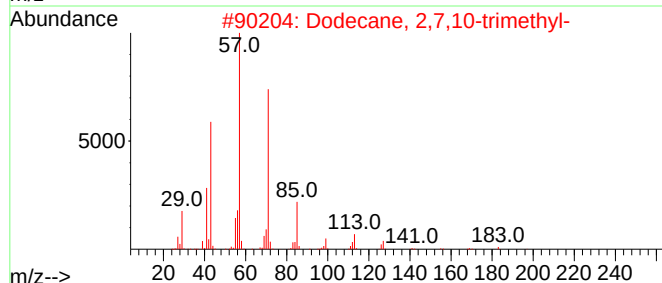
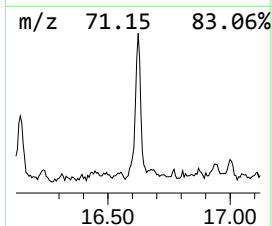
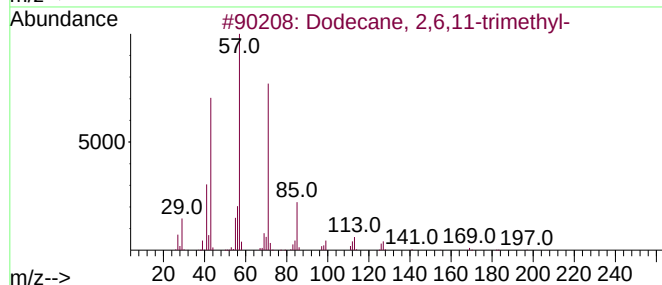
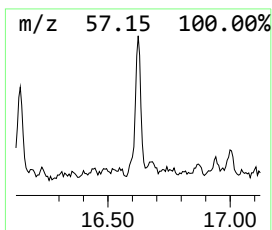
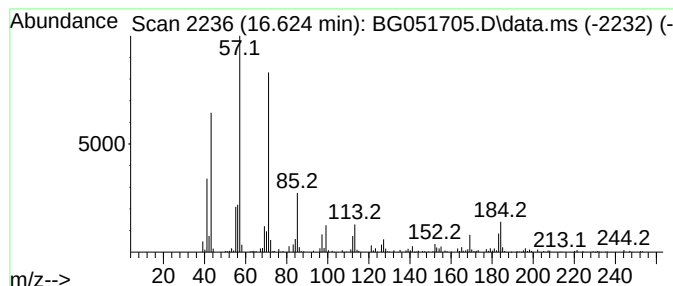
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.624	9.54 ng/ul	346787	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
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Sample : M5171-13DL 10X
Misc :
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Instrument :
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ClientSampleId :
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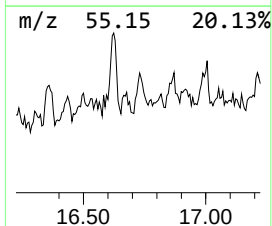
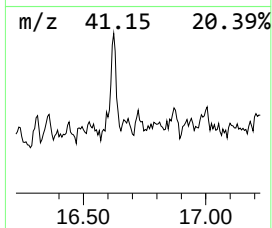
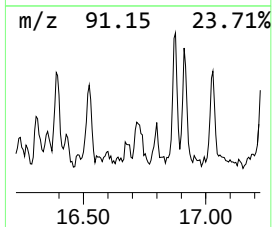
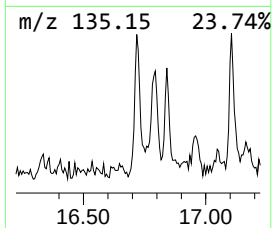
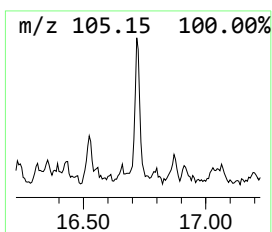
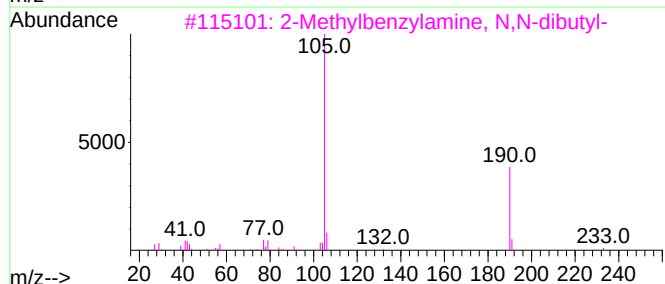
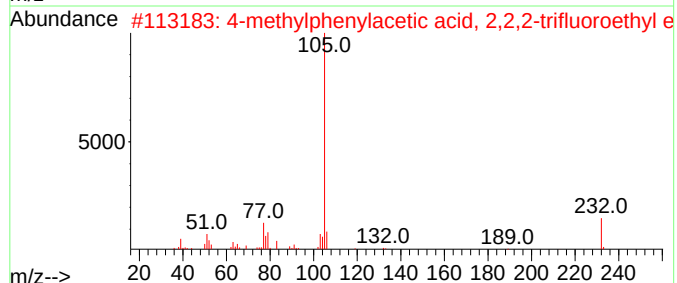
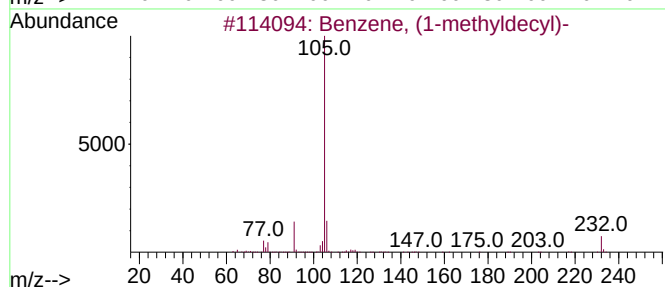
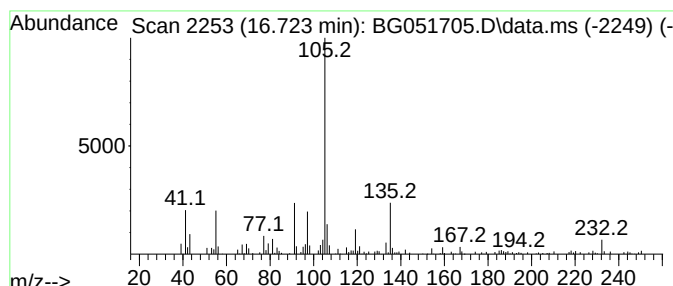
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.723	3.37 ng/ul	122325	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	38
2			4-methylphenylacetic acid, 2,2,2...	232	C11H11F3O2	1000376-55-2	27
3			2-Methylbenzylamine, N,N-dibutyl-	233	C16H27N	1000310-39-6	25
4			Benzene, (2-iodoethyl)-	232	C8H9I	017376-04-4	22
5			3-Methylbenzylamine, N,N-dibutyl-	233	C16H27N	1000310-40-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
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Instrument :
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ClientSampleId :
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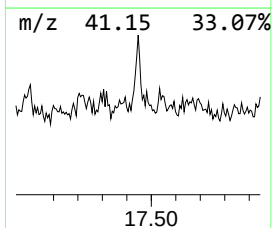
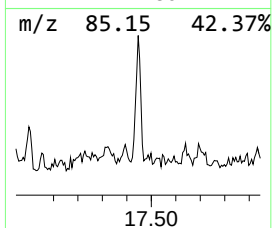
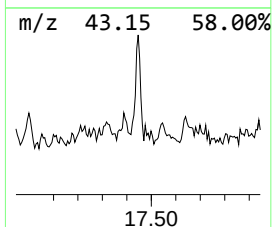
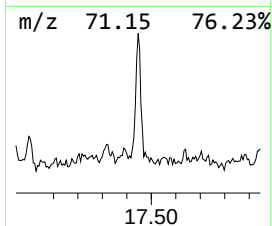
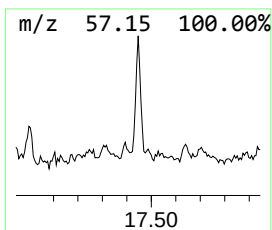
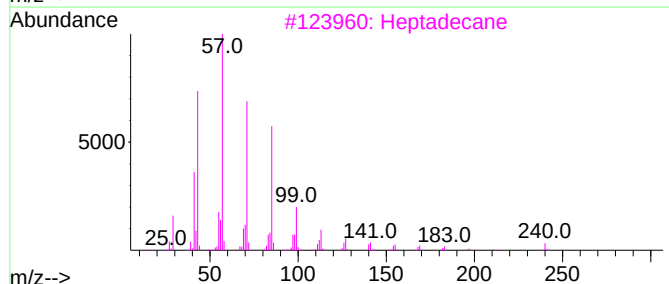
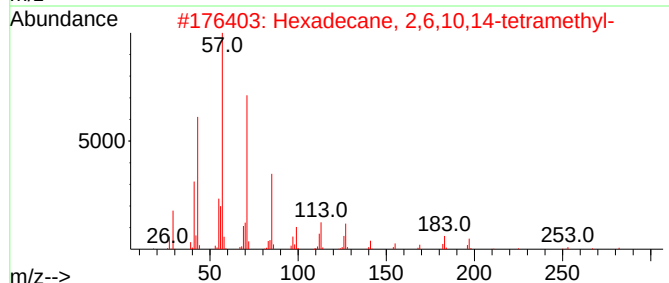
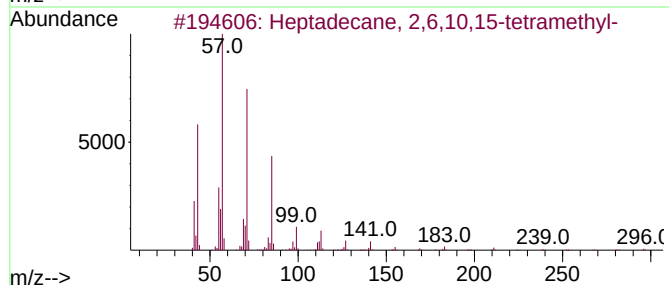
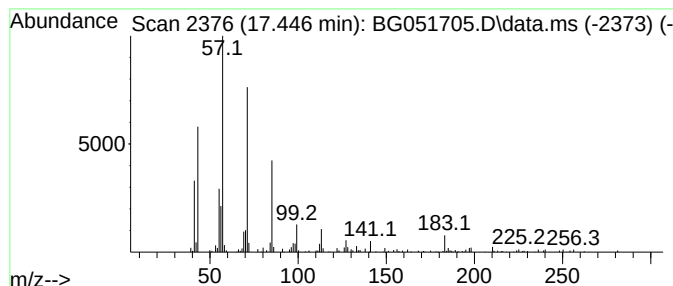
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.446	4.21 ng/ul	152883	Phenanthrene-d10	17.657

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Octacosane	394	C28H58	000630-02-4	86
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
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Instrument :
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ClientSampleId :
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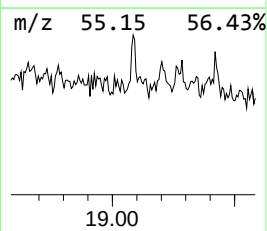
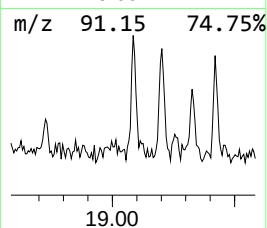
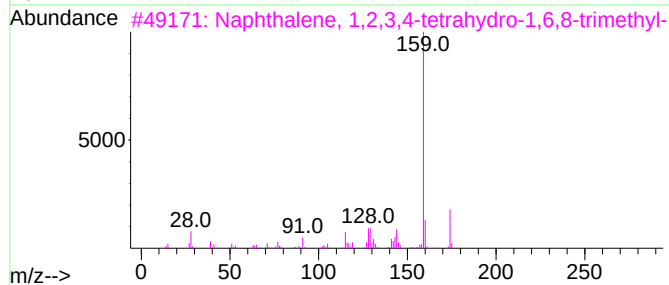
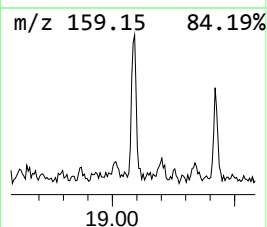
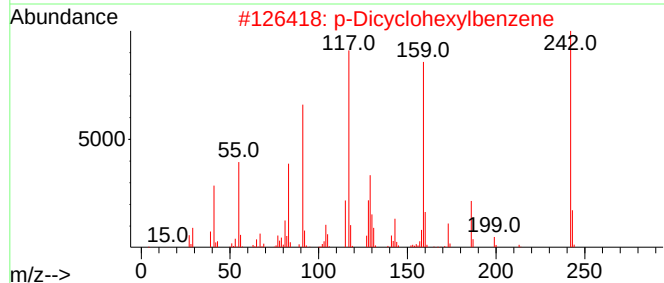
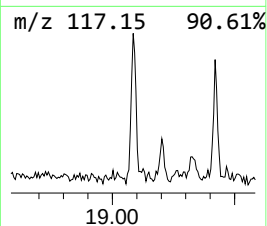
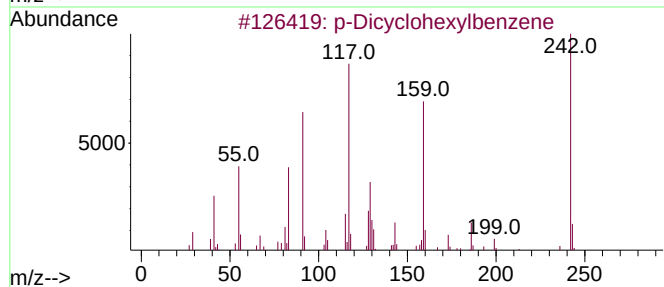
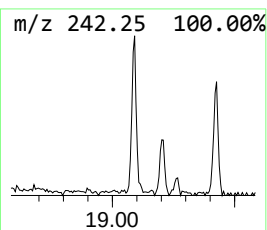
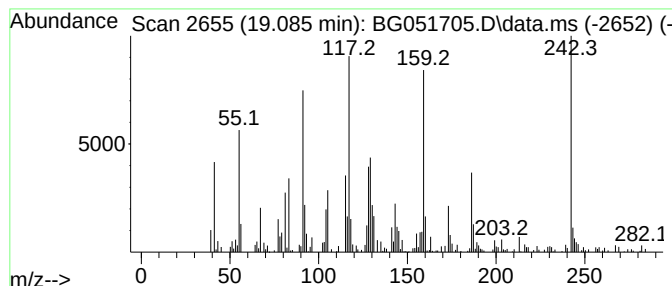
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 p-Dicyclohexylbenzene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.085	4.29 ng/ul	155874	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Dicyclohexylbenzene	242	C18H26	001087-02-1	91
2			p-Dicyclohexylbenzene	242	C18H26	001087-02-1	81
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	30
4			Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	14
5			Succinic acid, ethyl 2-(trifluor...	304	C14H15F3O4	1000381-64-9	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
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Instrument :
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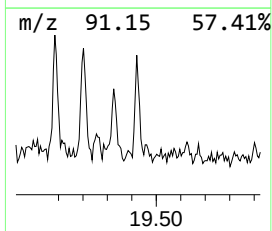
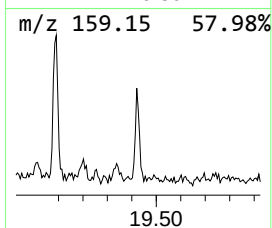
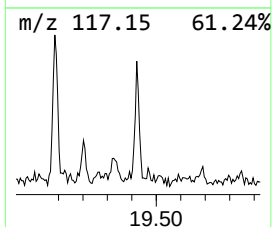
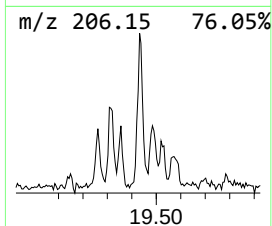
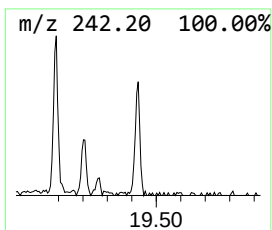
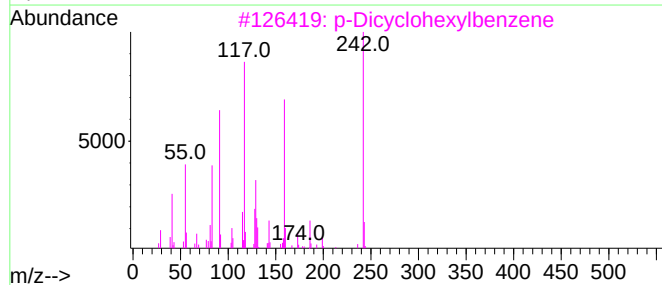
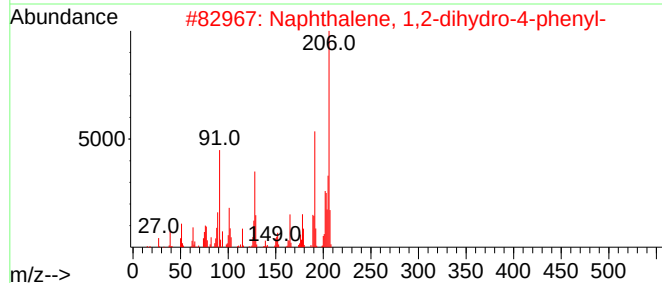
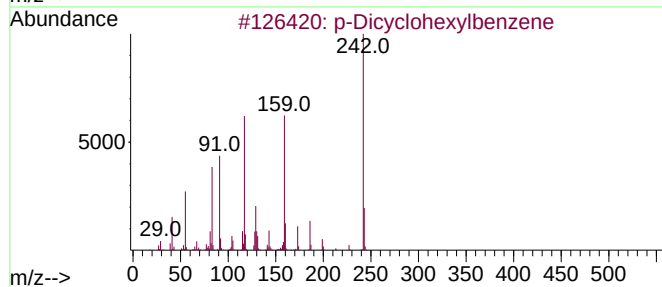
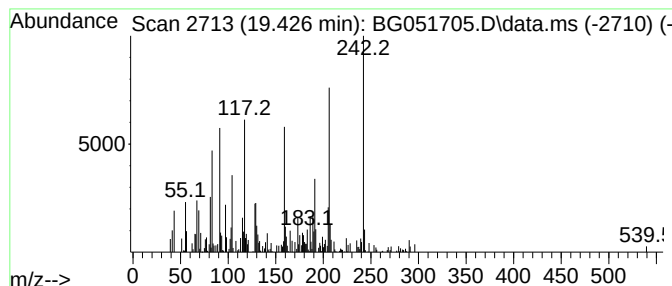
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphthalene, 1,2-dihydro-4-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.426	3.64 ng/ul	132348	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Dicyclohexylbenzene	242	C18H26	001087-02-1	89
2			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
3			p-Dicyclohexylbenzene	242	C18H26	001087-02-1	70
4			Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	49
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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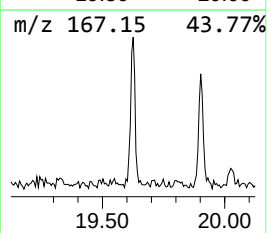
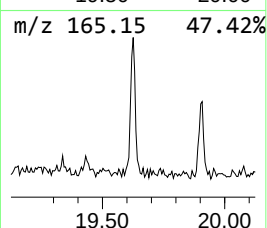
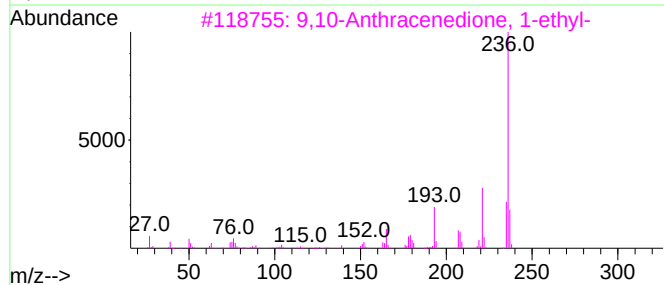
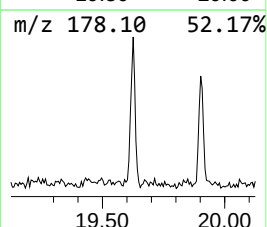
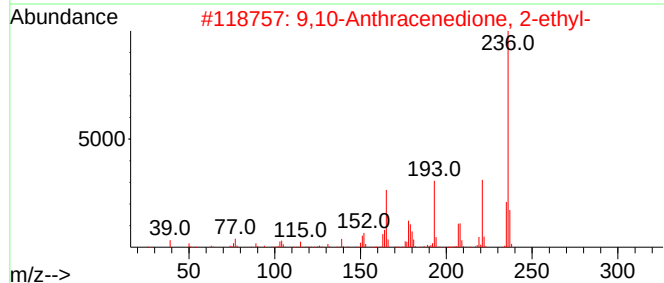
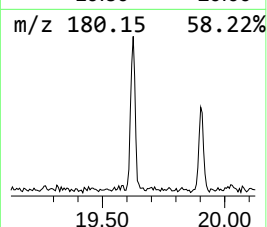
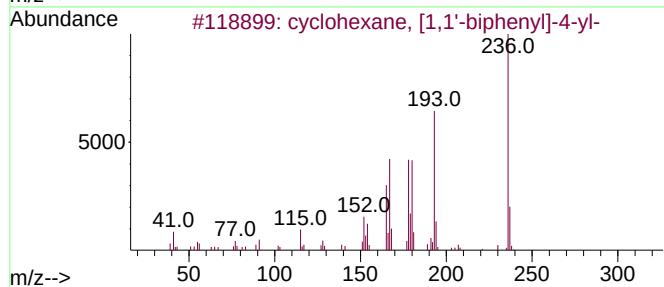
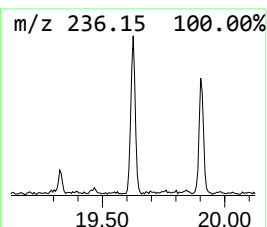
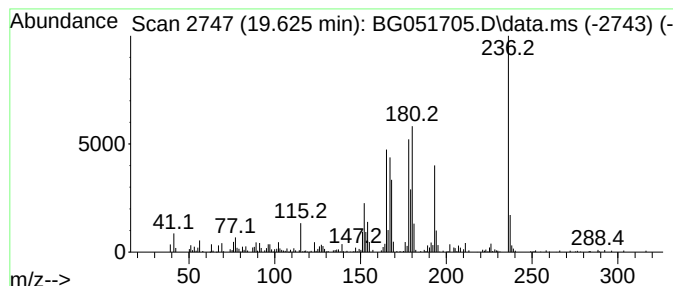
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 cyclohexane, [1,1'-biphenyl]... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.625	6.66 ng/ul	241958	Phenanthrene-d10	17.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	53
2			9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	49
3			9,10-Anthracenedione, 1-ethyl-	236	C16H12O2	024624-29-1	43
4			9,10-Anthracenedione, 2,3-dimethyl-	236	C16H12O2	006531-35-7	38
5			2,4-Diethoxy-5-methoxy-1-(2-prop...	236	C14H20O3	1000122-72-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
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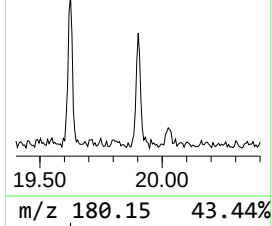
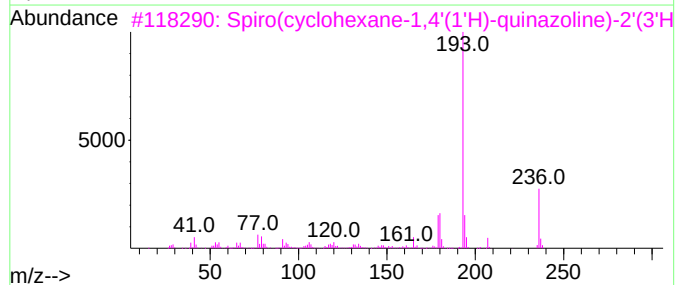
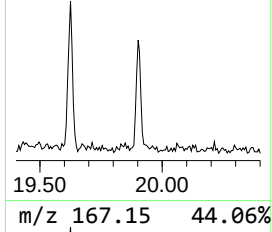
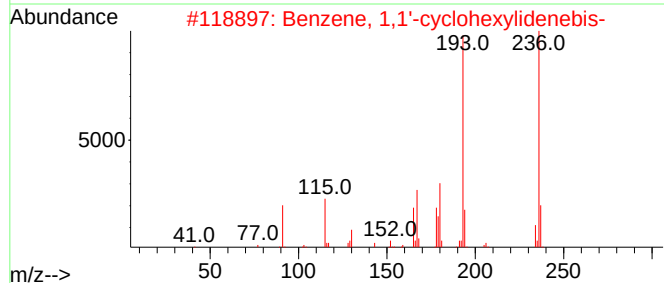
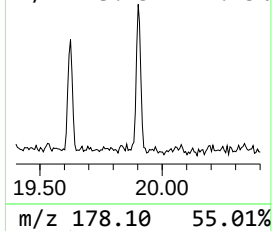
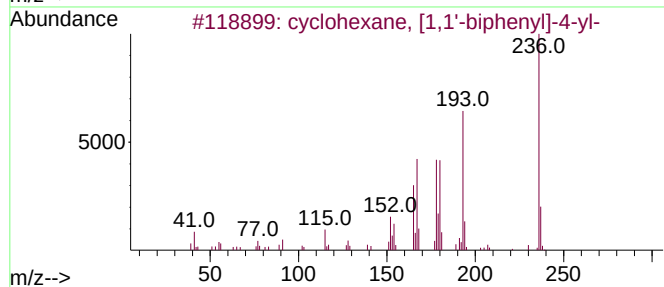
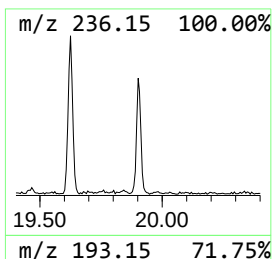
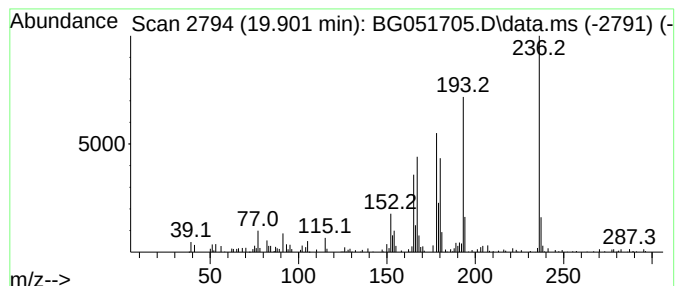
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzene, 1,1'-cyclohexylide... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.901	3.68 ng/ul	138538	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	93
2			Benzene, 1,1'-cyclohexylidenebis-	236	C18H20	021113-55-3	62
3			Spiro(cyclohexane-1,4'(1'H)-quin...	236	C13H20N2S	005579-43-1	60
4			9,10-Anthracenedione, 1-ethyl-	236	C16H12O2	024624-29-1	58
5			9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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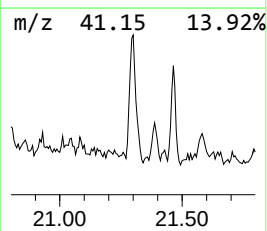
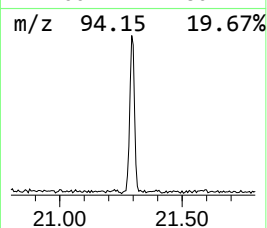
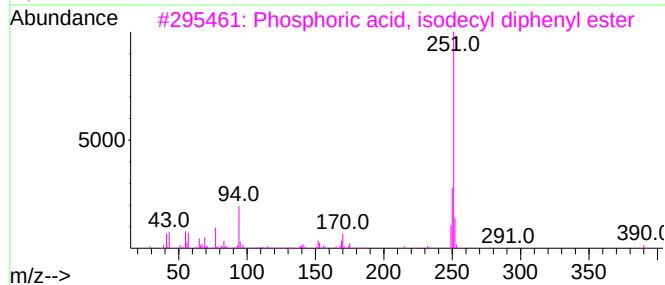
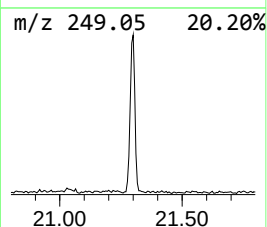
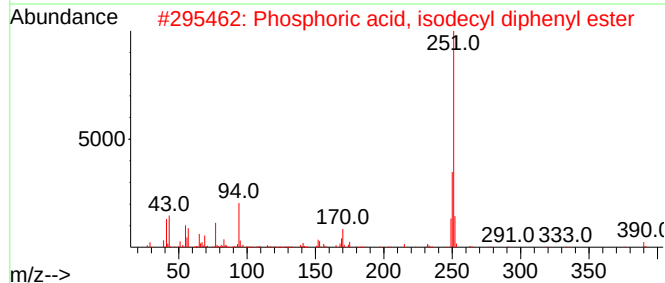
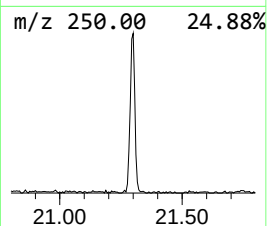
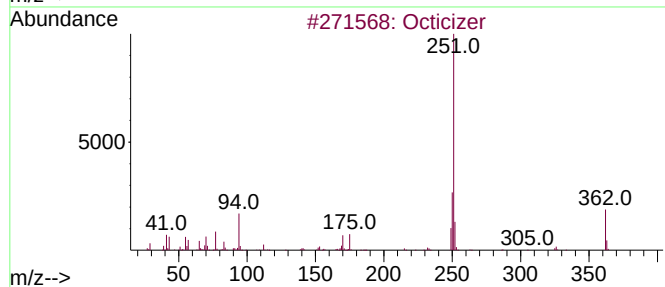
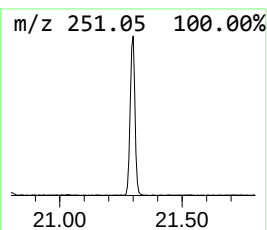
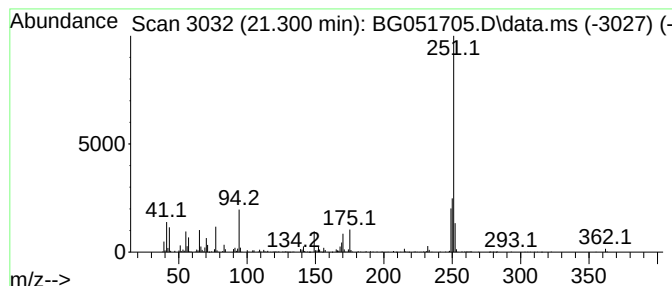
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Octicizer Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.300	18.28 ng/ul	688784	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octicizer	362	C20H27O4P	001241-94-7	91
2			Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	74
3			Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	58
4			7-Amino-2,3-dihydro-5-phenyl-1H-...	251	C15H13N3O	004928-02-3	47
5			2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
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Instrument :
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ClientSampleId :
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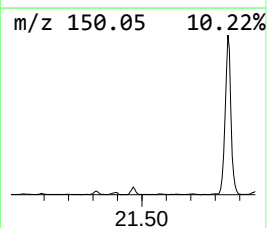
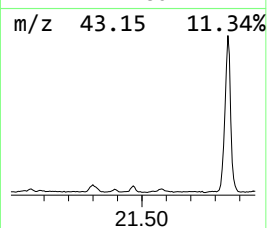
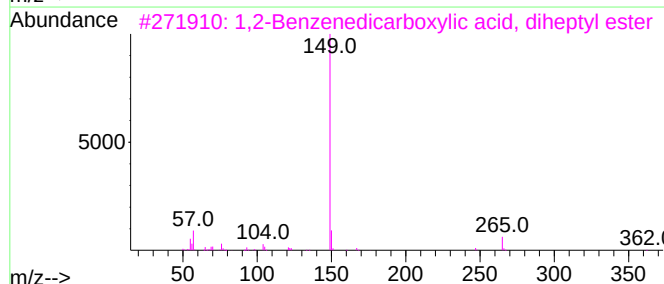
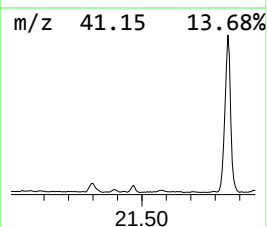
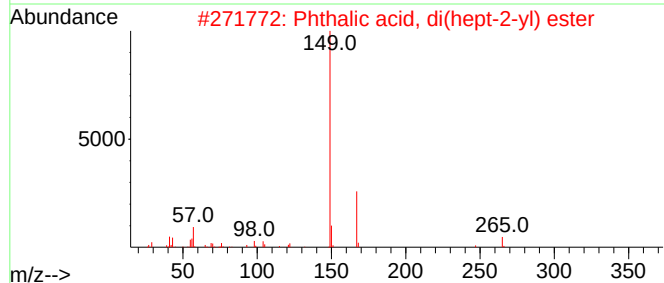
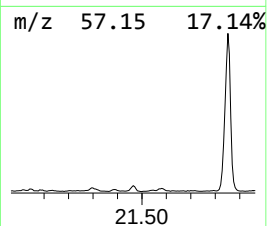
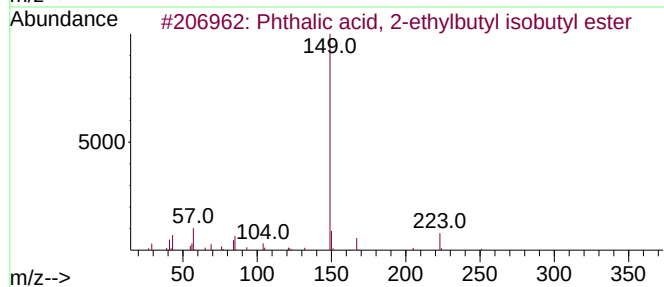
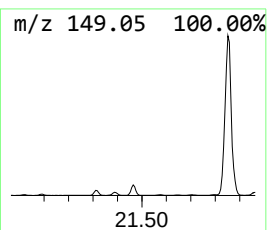
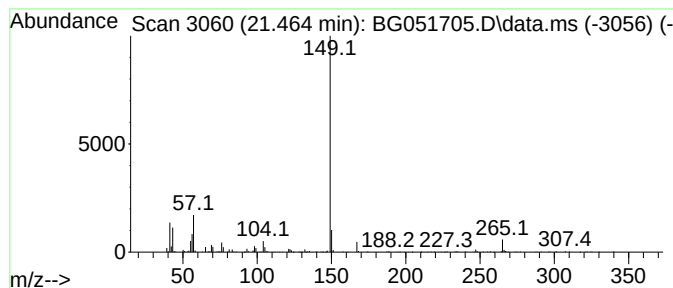
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phthalic acid, 2-ethylbutyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.464	7.01 ng/ul	264012	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 2-ethylbutyl isob...	306	C18H26O4	1000356-88-9	86
2			Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	86
3			1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
4			Phthalic acid, dodecyl phenyl ester	410	C26H34O4	1000314-87-7	72
5			Phthalic acid, decyl 3,5-difluor...	418	C24H28F2O4	1000314-96-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
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ClientSampleId :
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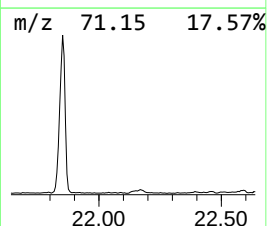
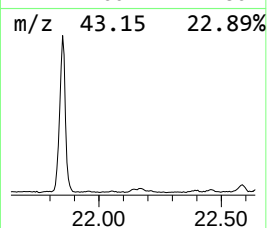
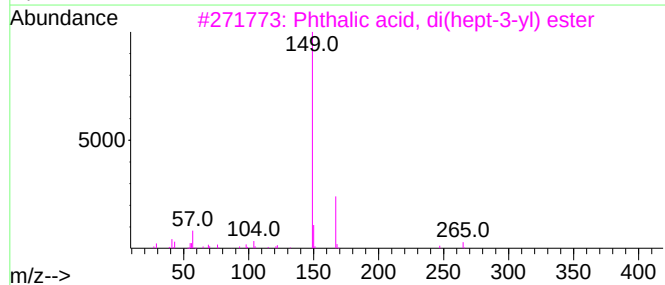
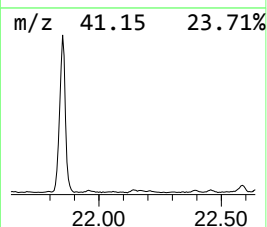
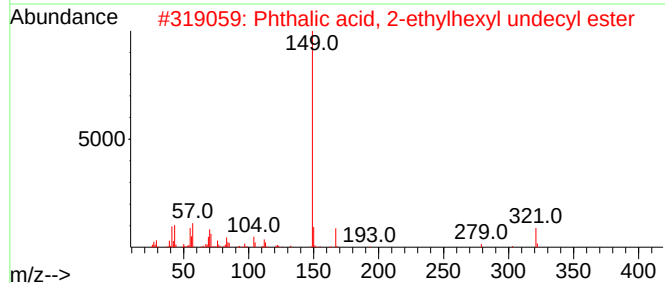
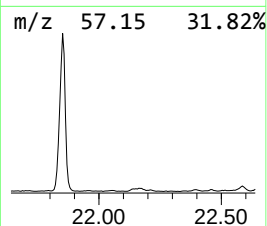
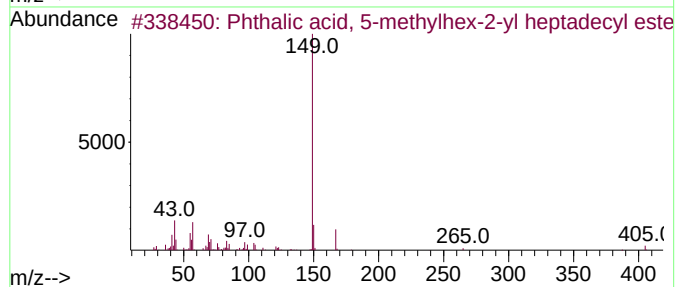
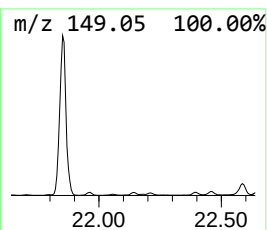
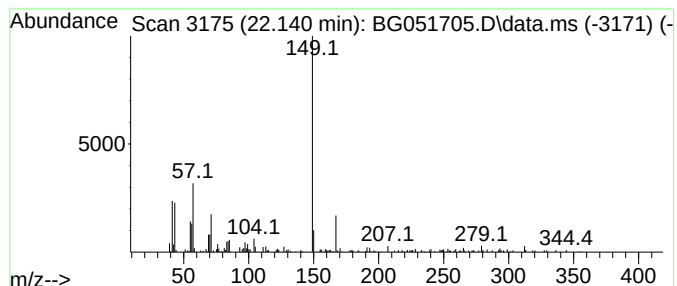
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Phthalic acid, 5-methylhex-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.140	3.60 ng/ul	135533	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	80
2			Phthalic acid, 2-ethylhexyl unde...	432	C27H44O4	1000308-97-4	80
3			Phthalic acid, di(hept-3-yl) ester	362	C22H34O4	1000357-00-0	72
4			Phthalic acid, 4,4-dimethylpent-...	320	C19H28O4	1000371-14-2	72
5			1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
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ClientSampleId :
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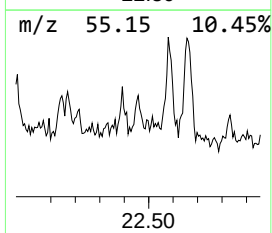
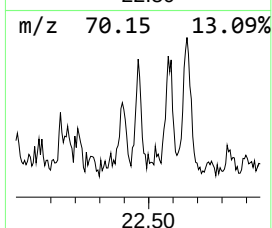
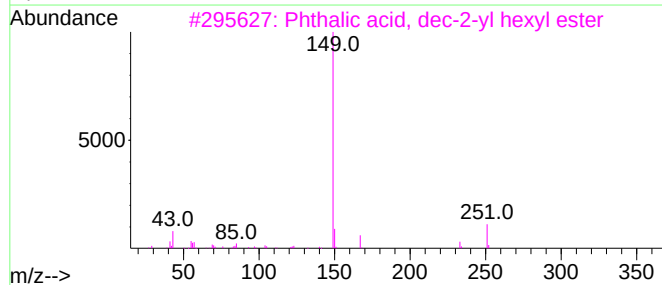
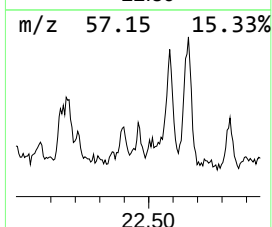
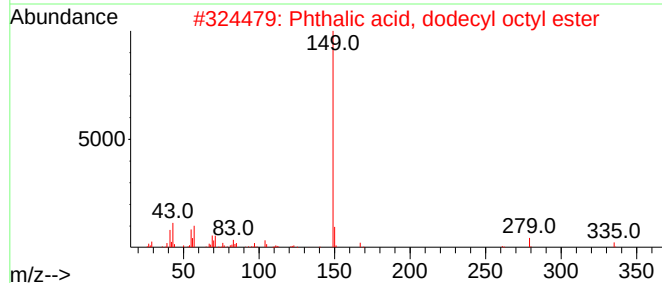
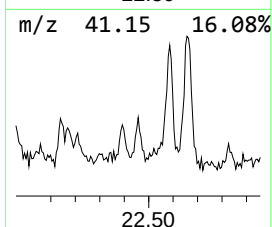
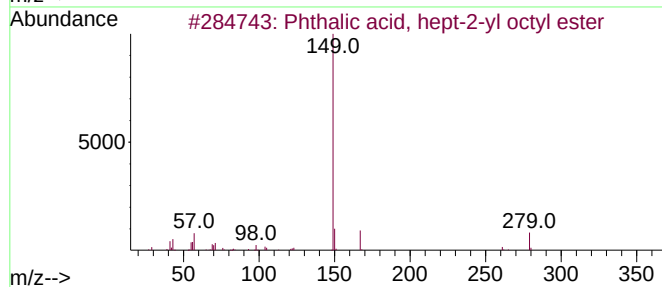
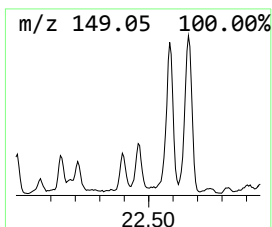
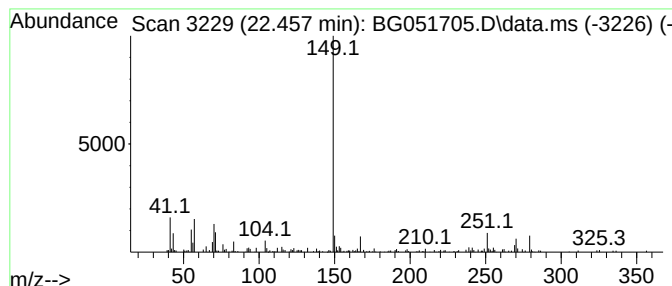
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Phthalic acid, hept-2-yl oc... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.457	3.78 ng/ul	142282	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, hept-2-yl octyl e...	376	C23H36O4	1000356-97-5	72
2			Phthalic acid, dodecyl octyl ester	446	C28H46O4	1010308-91-7	72
3			Phthalic acid, dec-2-yl hexyl ester	390	C24H38O4	1000356-94-2	64
4			Phthalic acid, isohexyl undecyl ...	404	C25H40O4	1000308-97-5	64
5			Phthalic acid, isobutyl 4-nitrop...	343	C18H17NO6	1000315-26-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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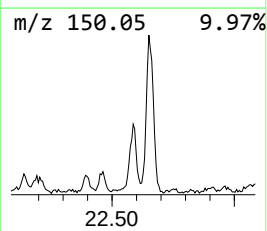
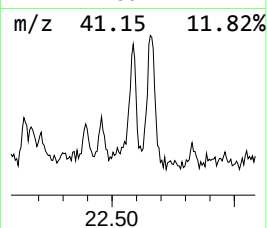
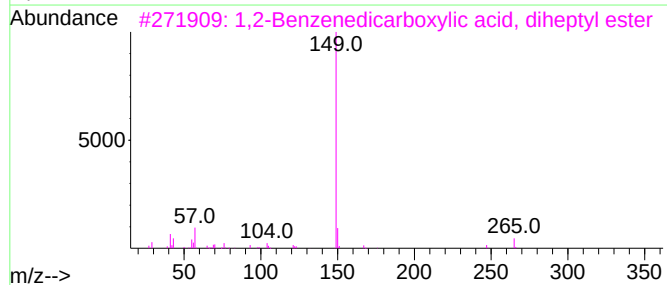
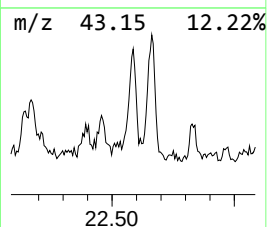
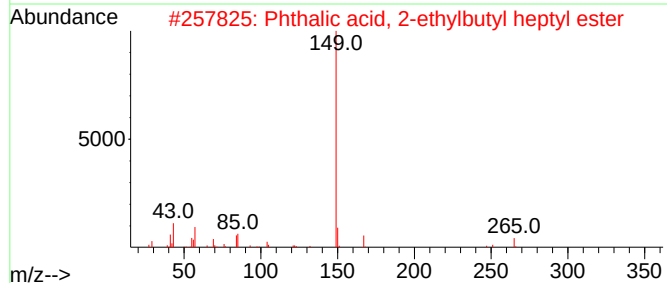
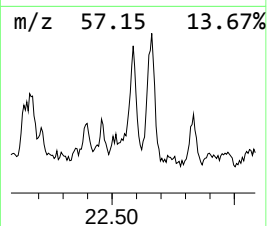
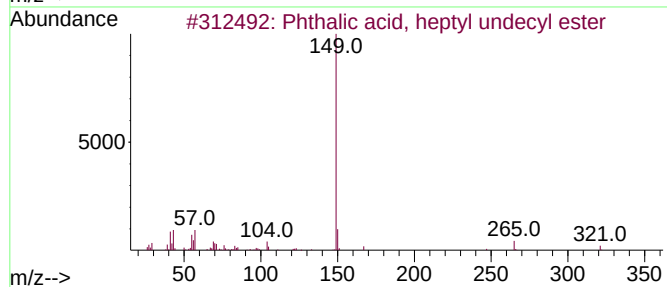
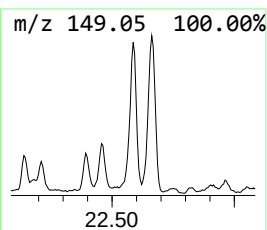
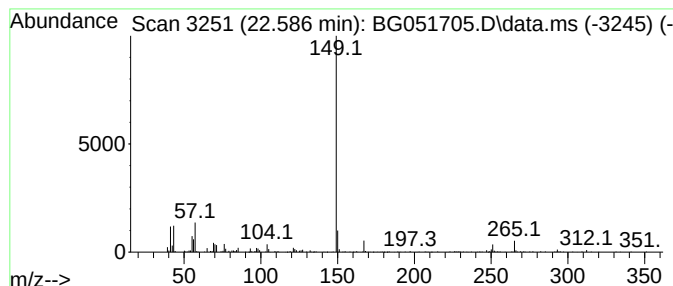
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Phthalic acid, heptyl undec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.586	11.37 ng/ul	428240	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	87
2			Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
3			1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
4			1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	83
5			Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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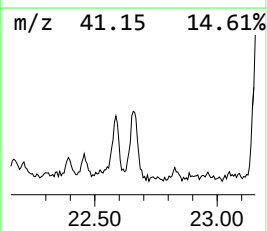
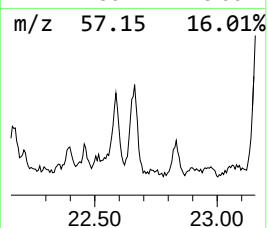
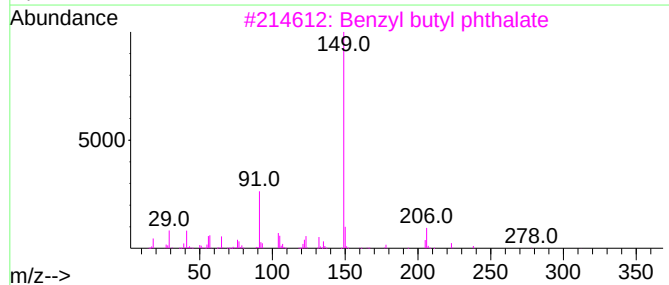
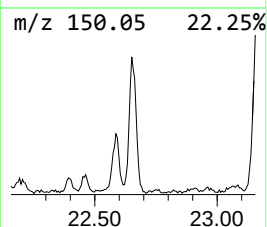
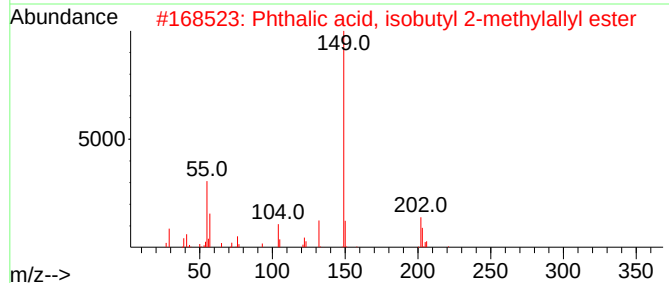
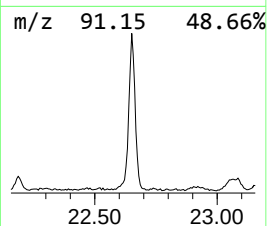
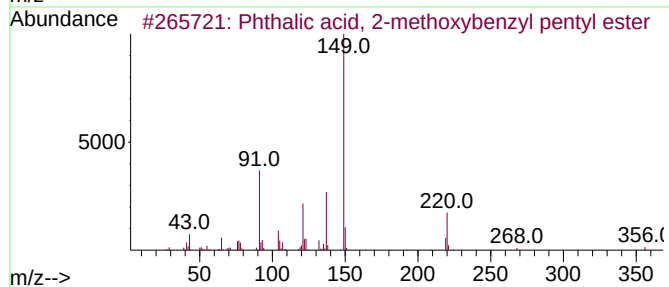
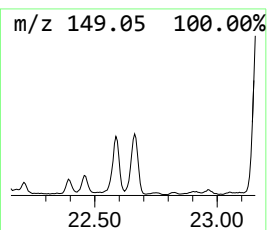
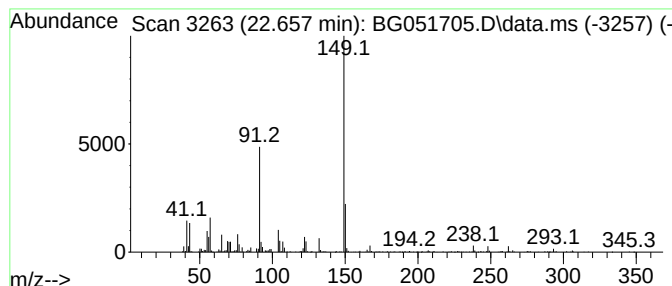
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Phthalic acid, 2-methoxyben... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.657	21.36 ng/ul	804900	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 2-methoxybenzyl p...	356	C21H24O5	1000382-49-4	72
2			Phthalic acid, isobutyl 2-methyl...	276	C16H20O4	1000315-82-3	64
3			Benzyl butyl phthalate	312	C19H20O4	000085-68-7	64
4			Diamyl phthalate	306	C18H26O4	000131-18-0	64
5			2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	024539-58-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
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Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

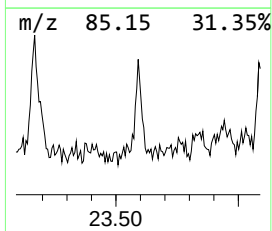
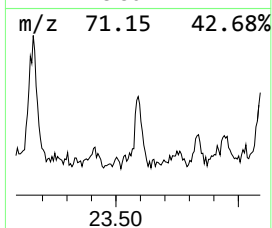
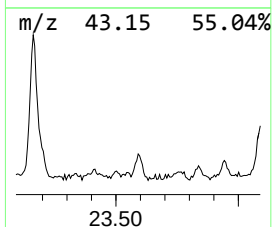
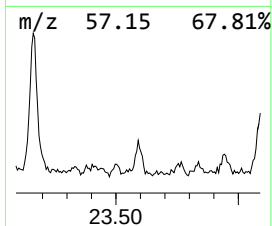
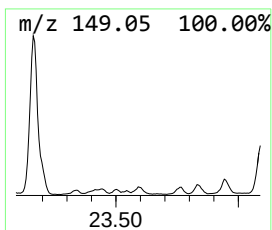
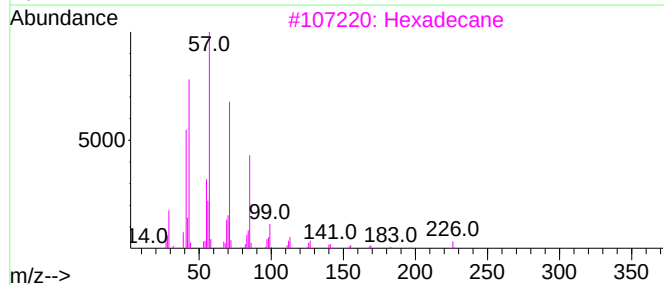
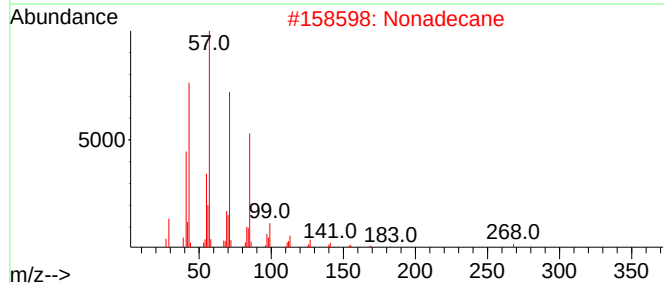
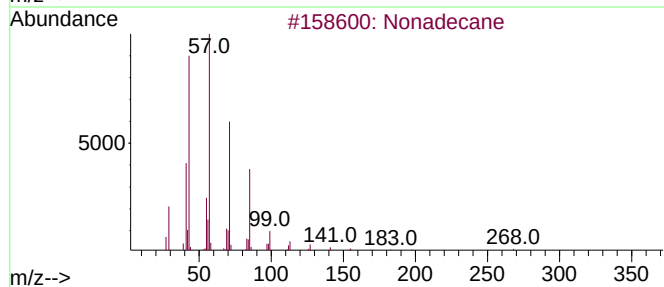
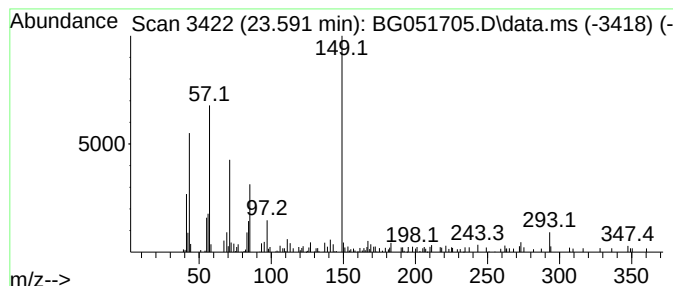
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BNA_G
ClientSampleId :
BGLA9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.591	2.69 ng/ul	101156	Chrysene-d12		21.975	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	38
2	Nonadecane		268	C19H40	000629-92-5	38
3	Hexadecane		226	C16H34	000544-76-3	38
4	Eicosane		282	C20H42	000112-95-8	38
5	Tetradecane		198	C14H30	000629-59-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA9DL

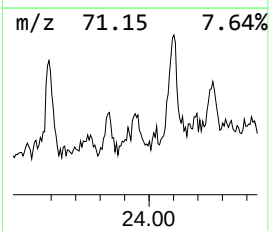
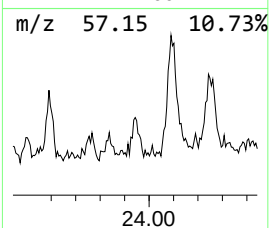
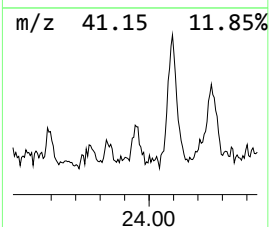
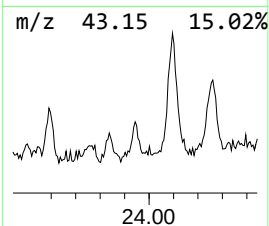
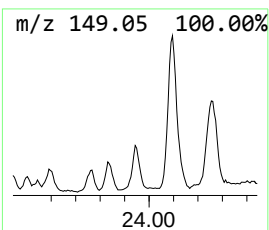
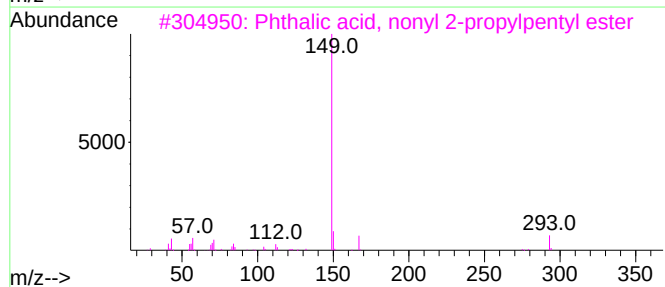
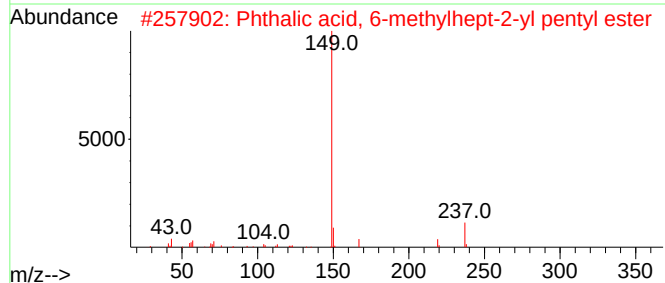
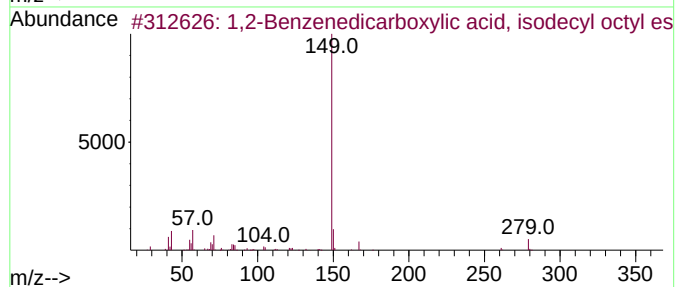
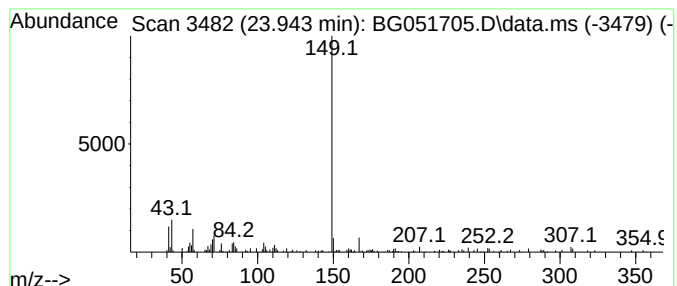
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 1,2-Benzenedicarboxylic aci... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.943	3.67 ng/ul	109922	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	64
2			Phthalic acid, 6-methylhept-2-yl...	348	C21H32O4	1000377-95-9	59
3			Phthalic acid, nonyl 2-propylpen...	404	C25H40O4	1000377-92-5	59
4			Phthalic acid, isobutyl 2-pentyl...	292	C17H24O4	1000315-48-6	59
5			Phthalic acid, 2-methylbutyl pen...	306	C18H26O4	1000322-81-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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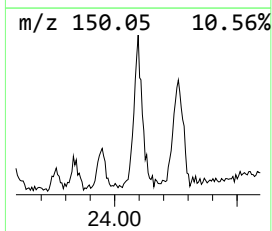
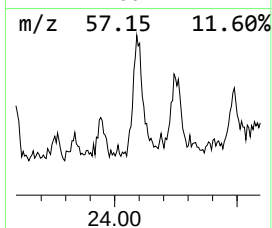
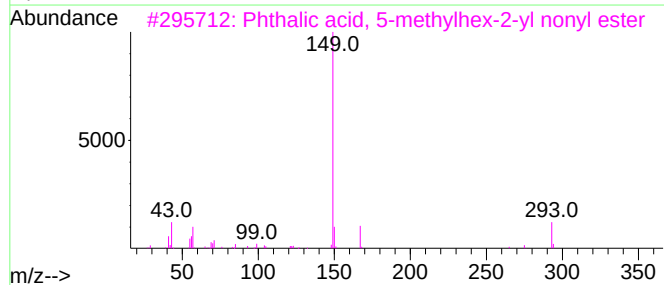
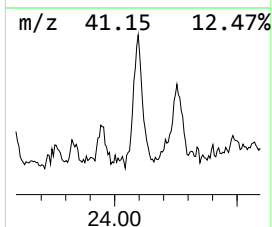
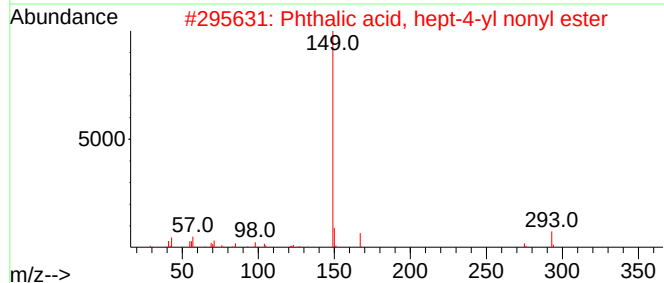
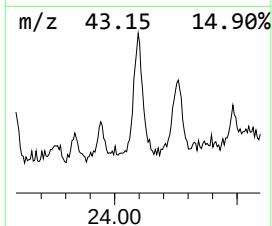
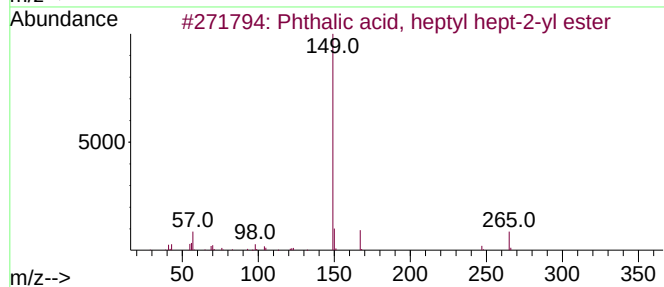
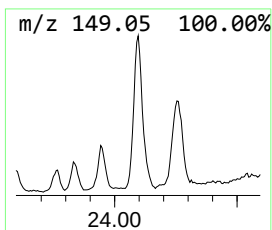
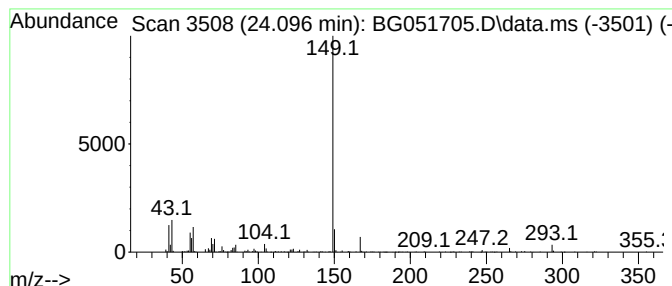
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 Phthalic acid, heptyl hept-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.096	19.76 ng/ul	592198	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	86
2			Phthalic acid, hept-4-yl nonyl e...	390	C24H38O4	1000356-79-0	86
3			Phthalic acid, 5-methylhex-2-yl ...	390	C24H38O4	1000371-08-5	86
4			Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	86
5			1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA9DL

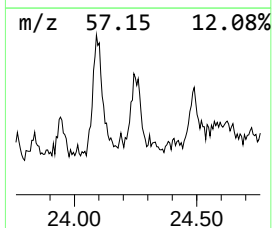
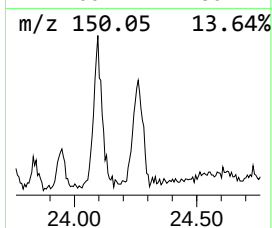
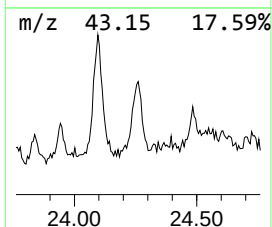
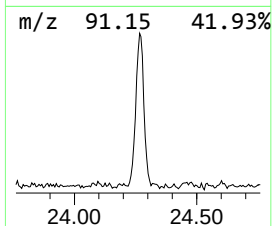
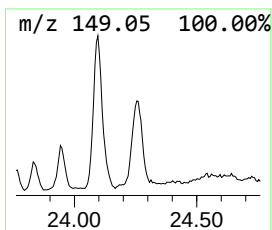
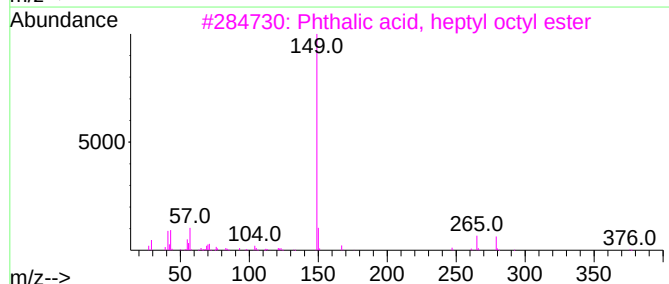
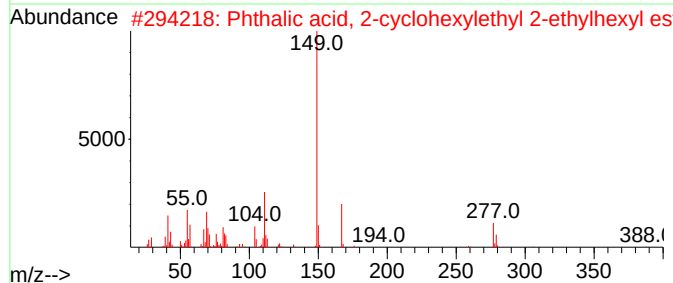
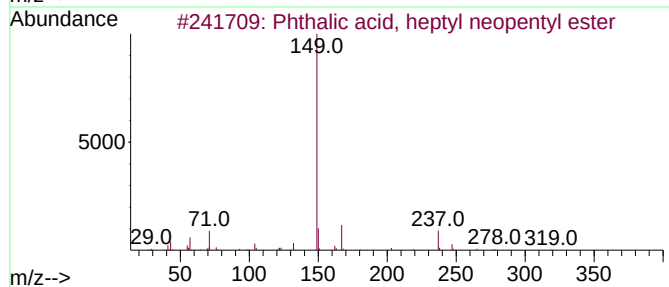
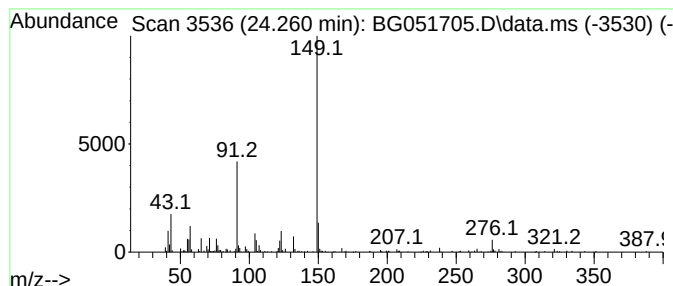
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Phthalic acid, heptyl neope... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.260	14.88 ng/ul	445918	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, heptyl neopentyl ...	334	C20H30O4	1000315-30-0	72
2			Phthalic acid, 2-cyclohexylethyl...	388	C24H36O4	1010309-05-6	64
3			Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	59
4			Phthalic acid, hex-2-yn-4-yl iso...	330	C20H26O4	1000315-20-0	59
5			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
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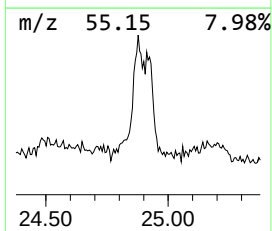
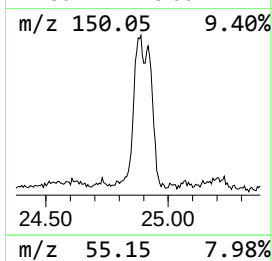
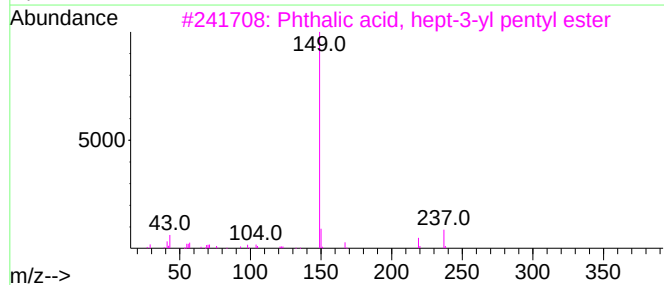
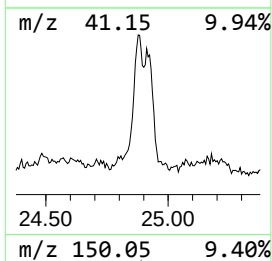
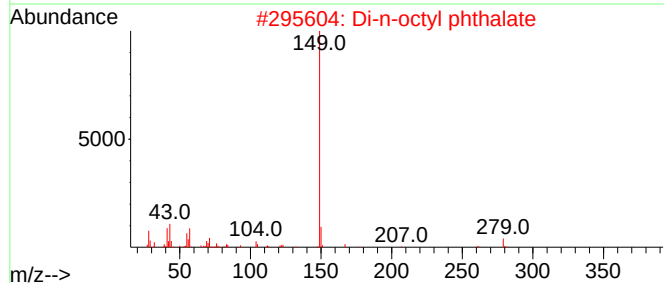
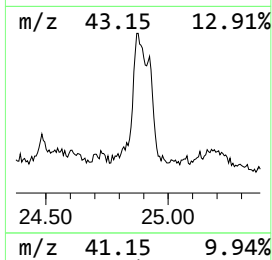
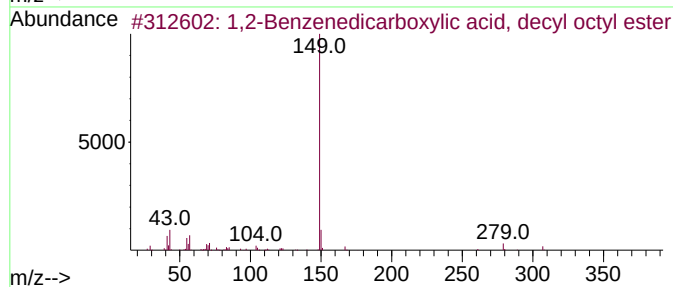
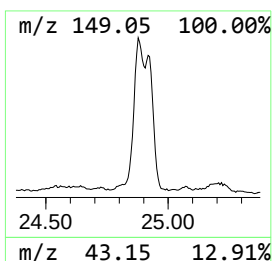
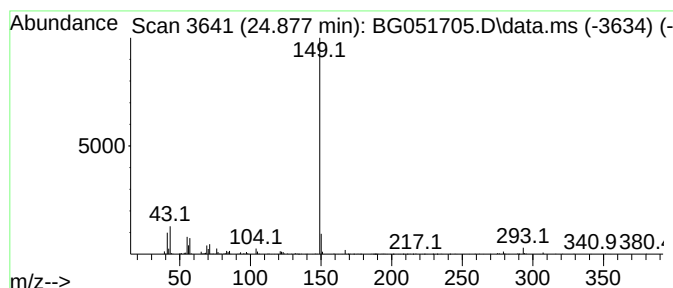
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.877	30.93 ng/ul	926872	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	83
2			Di-n-octyl phthalate	390	C24H38O4	000117-84-0	72
3			Phthalic acid, hept-3-yl pentyl ...	334	C20H30O4	1010356-98-8	72
4			Phthalic acid, decyl 3-methylbut...	376	C23H36O4	1000356-81-1	72
5			Phthalic acid, 6-ethyl-3-octyl h...	390	C24H38O4	1000315-17-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA9DL

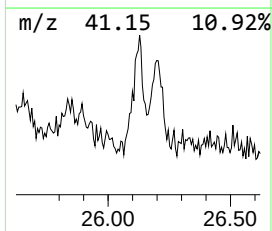
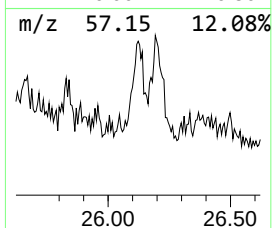
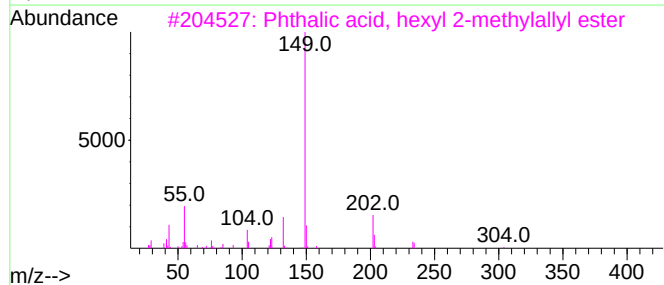
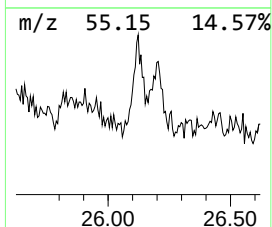
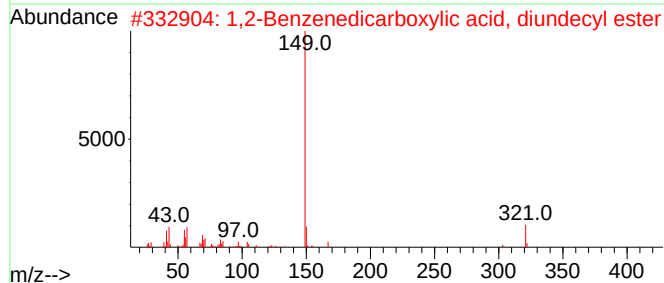
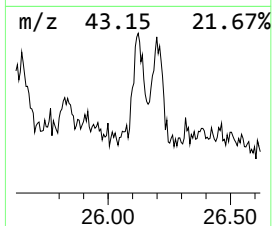
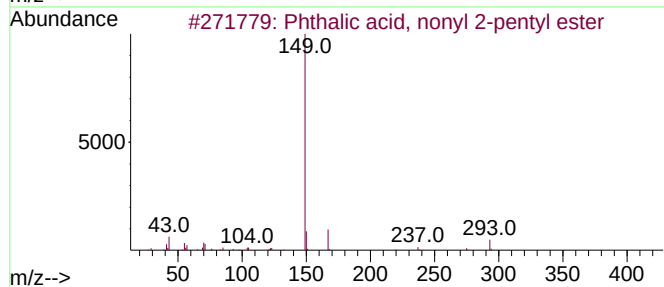
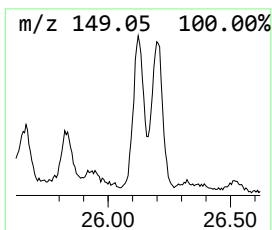
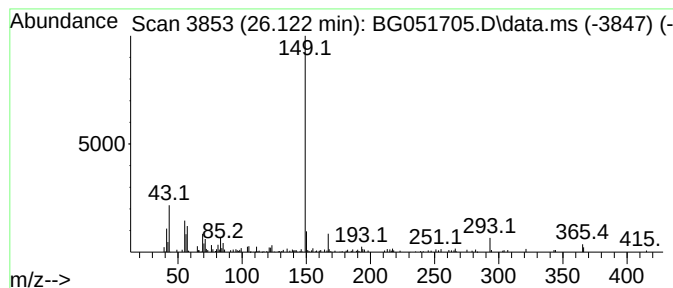
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Phthalic acid, nonyl 2-pent... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.122	6.45 ng/ul	193193	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, nonyl 2-pentyl ester	362	C22H34O4	1000315-48-1	72
2			1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	64
3			Phthalic acid, hexyl 2-methylall...	304	C18H24O4	1000315-82-6	64
4			1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	64
5			Phthalic acid, butyl pent-4-enyl...	290	C17H22O4	1000360-46-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGLA9DL

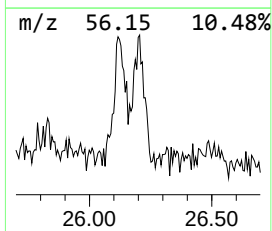
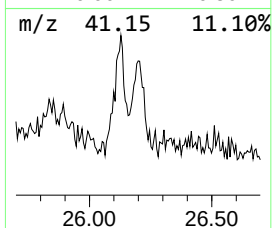
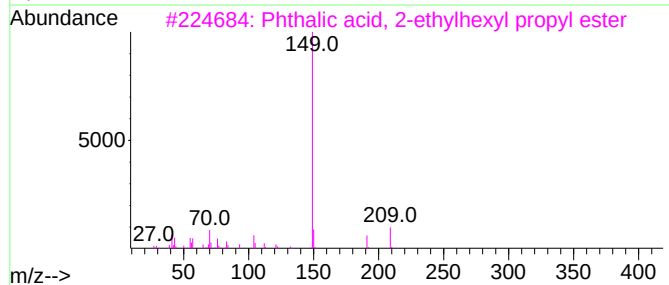
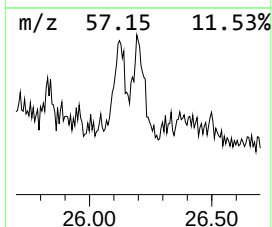
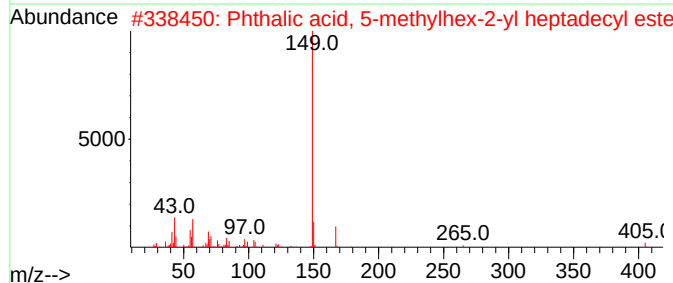
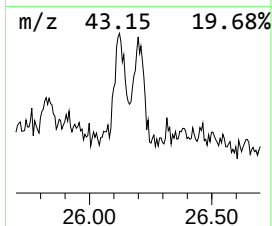
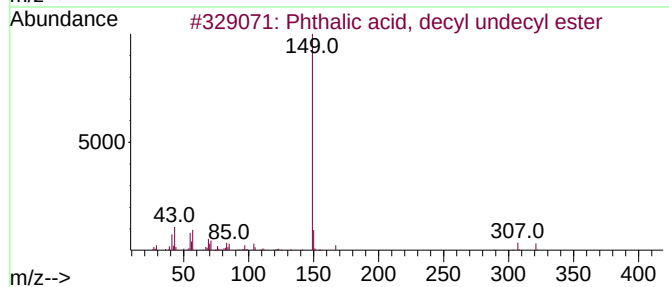
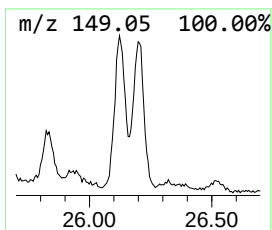
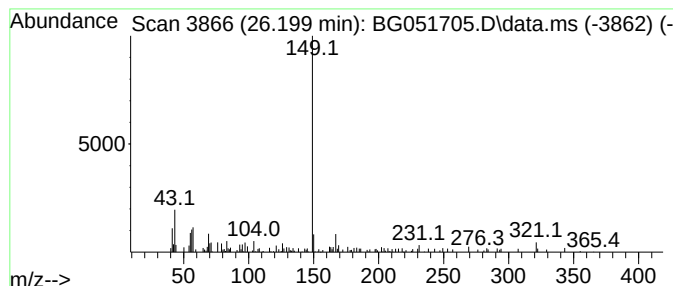
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 Phthalic acid, decyl undecyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.199	6.58 ng/ul	197196	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, decyl undecyl ester	460	C29H48O4	1000308-91-9	64
2			Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	64
3			Phthalic acid, 2-ethylhexyl prop...	320	C19H28O4	1000309-00-2	59
4			Phthalic acid, cyclohexyl 4-form...	352	C21H20O5	1000315-73-5	59
5			Phthalic acid, 3-fluorophenyl is...	316	C18H17FO4	1000356-49-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA9DL

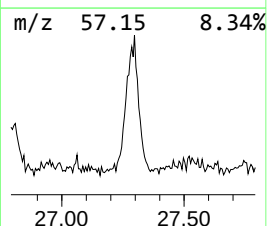
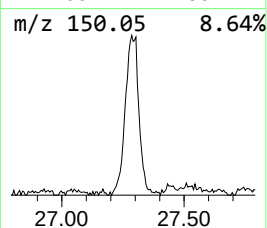
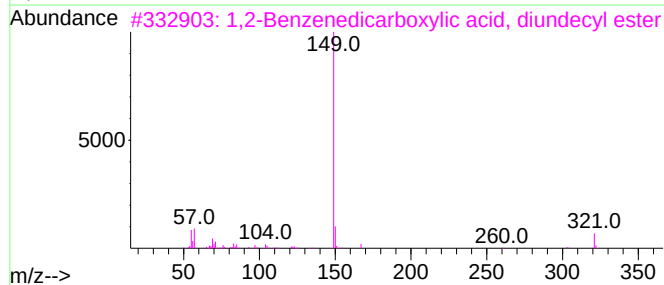
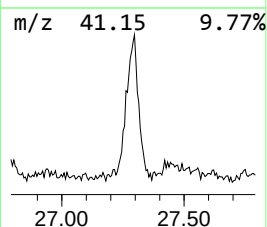
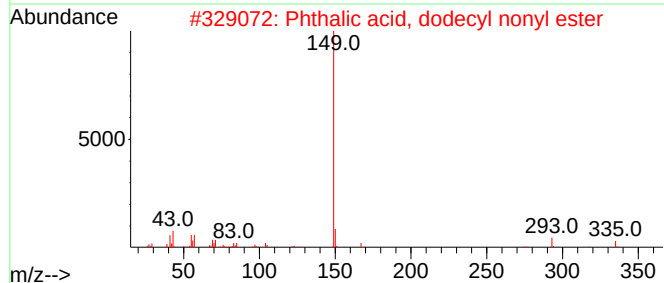
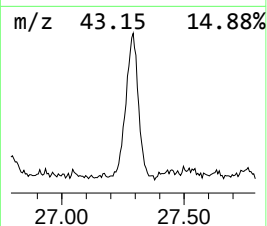
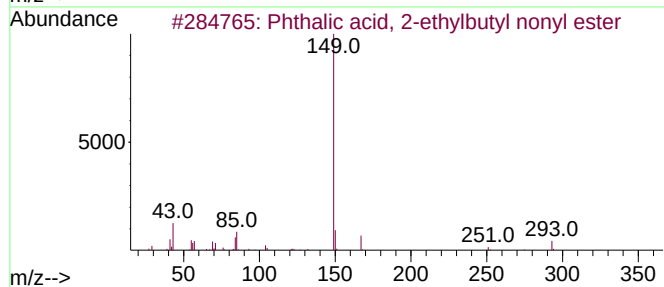
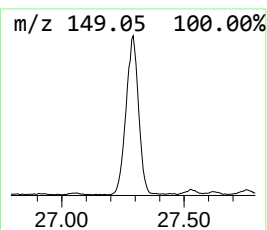
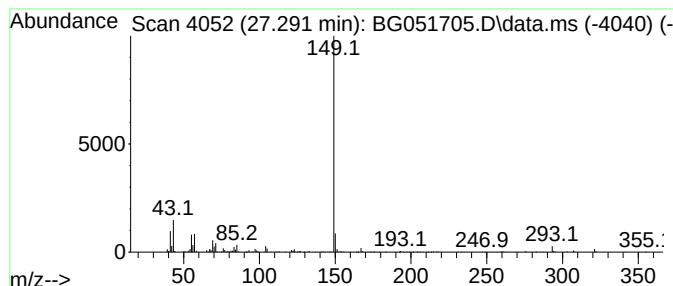
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Phthalic acid, 2-ethylbutyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.291	32.53 ng/ul	974661	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 2-ethylbutyl nonyl...	376	C23H36O4	1000356-89-4	80
2			Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	80
3			1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	74
4			Didodecyl phthalate	502	C32H54O4	002432-90-8	74
5			1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA9DL

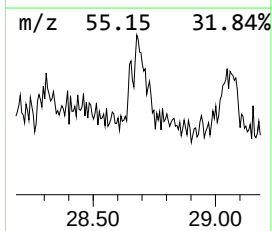
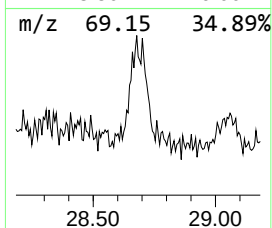
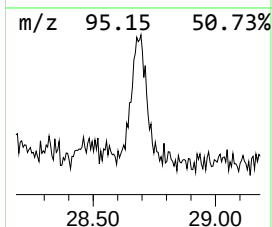
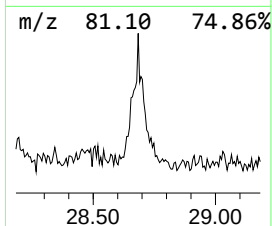
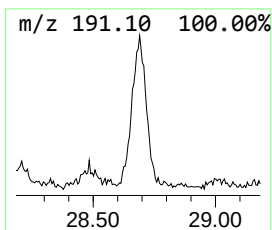
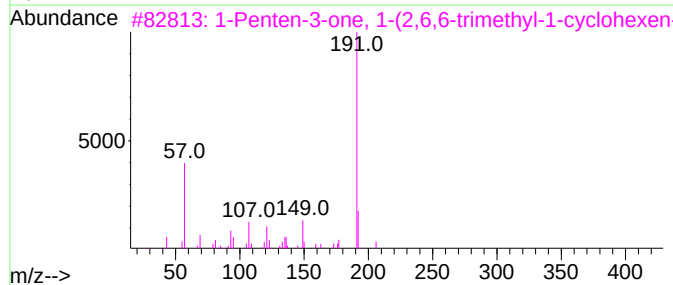
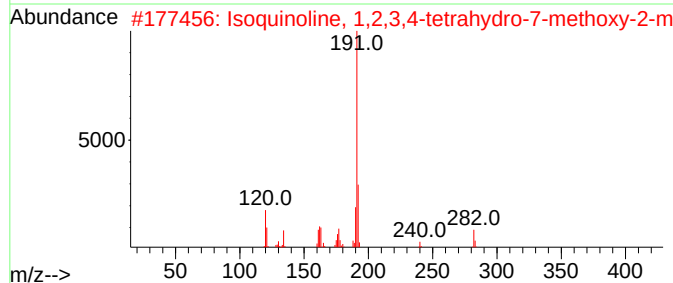
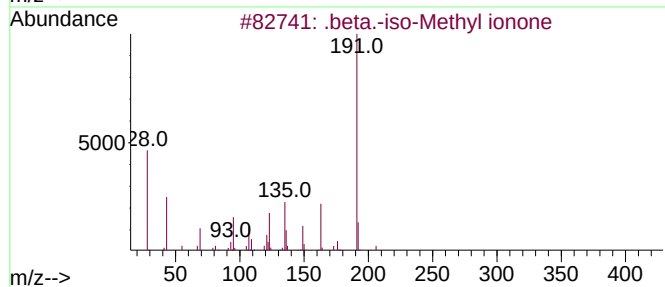
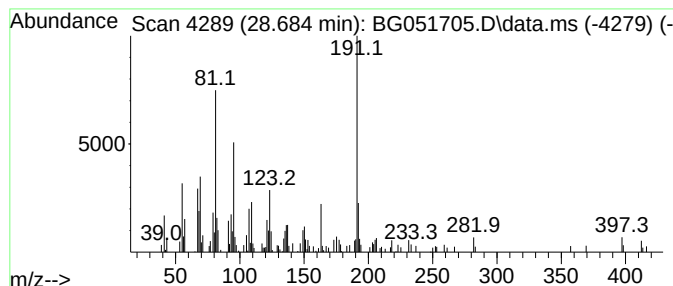
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.684	8.52 ng/ul	255248	Perylene-d12	25.476

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	55
2		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	35
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	30
4		thiazolo[5,4-b]pyridin-2-amine, ...	191	C9H9N3S	1000400-23-3	27
5		3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051705.D
Acq On : 21 Dec 2021 7:28
Operator : CG/JU
Sample : M5171-13DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLA9DL

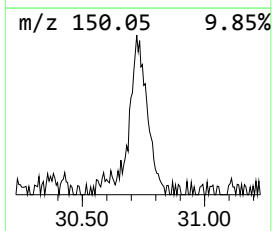
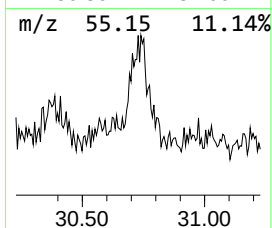
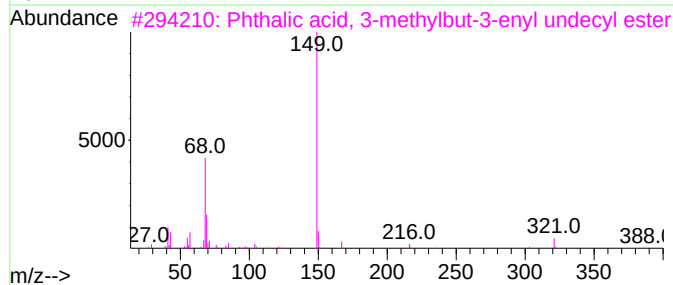
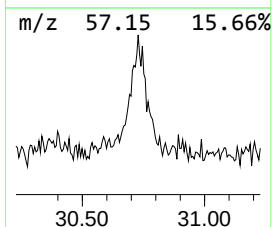
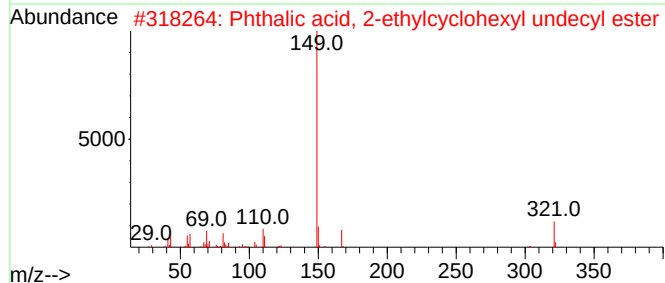
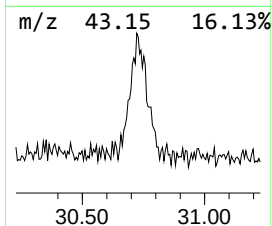
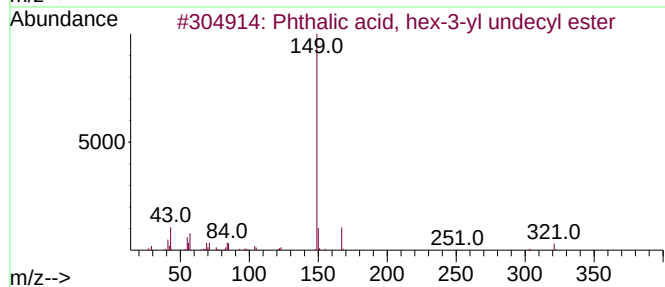
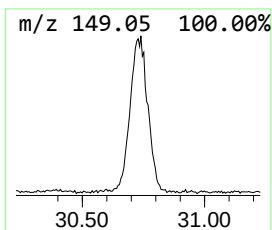
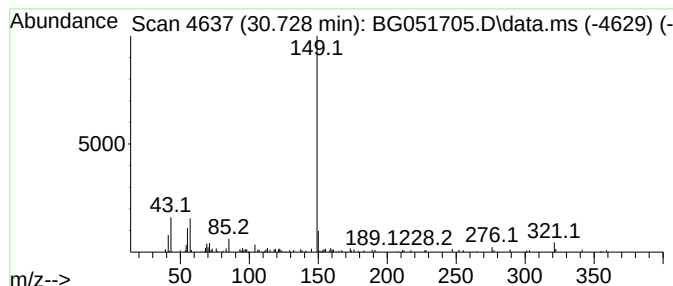
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 Phthalic acid, hex-3-yl und... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.728	10.67 ng/ul	319805	Perylene-d12	25.476

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	80
2			Phthalic acid, 2-ethylcyclohexyl...	430	C27H42O4	1000315-36-1	78
3			Phthalic acid, 3-methylbut-3-eny...	388	C24H36O4	1000357-10-9	78
4			1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
5			Phthalic acid, decyl 3,4,5-trich...	484	C24H27Cl3O4	1000357-07-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051705.D
 Acq On : 21 Dec 2021 7:28
 Operator : CG/JU
 Sample : M5171-13DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLA9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-meth...	8.822	3.6	ng/ul	57272	1	8.270	315081	20.0
Benzene, 1,2,4,...	9.921	4.3	ng/ul	105509	2	11.108	485587	20.0
1H-Indene, 2,3-...	10.502	3.1	ng/ul	75867	2	11.108	485587	20.0
(DEL) Alkane: C...	11.812	2.4	ng/ul	57974	2	11.108	485587	20.0
(DEL) Alkane: S...	12.112	4.1	ng/ul	100116	2	11.108	485587	20.0
(DEL) Alkane: S...	12.717	2.3	ng/ul	55879	2	11.108	485587	20.0
(DEL) Alkane: S...	13.440	3.6	ng/ul	128115	3	14.908	711890	20.0
Naphthalene, 2,...	14.068	4.4	ng/ul	155434	3	14.908	711890	20.0
Naphthalene, 2,...	14.233	4.8	ng/ul	169253	3	14.908	711890	20.0
(DEL) Alkane: S...	14.380	3.8	ng/ul	136441	3	14.908	711890	20.0
Decahydro-1,1,4...	14.750	2.9	ng/ul	104477	3	14.908	711890	20.0
Naphthalene, 1,...	15.290	3.9	ng/ul	137267	3	14.908	711890	20.0
(DEL) Alkane: S...	15.408	2.6	ng/ul	92789	3	14.908	711890	20.0
unknown-01	15.701	4.8	ng/ul	172497	3	14.908	711890	20.0
2,4,4,6-Tetrame...	16.312	3.3	ng/ul	121093	4	17.657	726758	20.0
(DEL) Alkane: C...	16.353	2.3	ng/ul	84572	4	17.657	726758	20.0
(DEL) Alkane: S...	16.624	9.5	ng/ul	346787	4	17.657	726758	20.0
unknown-02	16.723	3.4	ng/ul	122325	4	17.657	726758	20.0
(DEL) Alkane: S...	17.446	4.2	ng/ul	152883	4	17.657	726758	20.0
p-Dicyclohexylb...	19.085	4.3	ng/ul	155874	4	17.657	726758	20.0
Naphthalene, 1,...	19.426	3.6	ng/ul	132348	4	17.657	726758	20.0
cyclohexane, [1...	19.625	6.7	ng/ul	241958	4	17.657	726758	20.0
Benzene, 1,1'-c...	19.901	3.7	ng/ul	138538	5	21.975	753489	20.0
Octicizer	21.300	18.3	ng/ul	688784	5	21.975	753489	20.0
Phthalic acid, ...	21.464	7.0	ng/ul	264012	5	21.975	753489	20.0
Phthalic acid, ...	22.140	3.6	ng/ul	135533	5	21.975	753489	20.0
Phthalic acid, ...	22.457	3.8	ng/ul	142282	5	21.975	753489	20.0
Phthalic acid, ...	22.586	11.4	ng/ul	428240	5	21.975	753489	20.0
Phthalic acid, ...	22.657	21.4	ng/ul	804900	5	21.975	753489	20.0
(DEL) Alkane: S...	23.591	2.7	ng/ul	101156	5	21.975	753489	20.0
1,2-Benzenedica...	23.943	3.7	ng/ul	109922	6	25.476	599294	20.0
Phthalic acid, ...	24.096	19.8	ng/ul	592198	6	25.476	599294	20.0
Phthalic acid, ...	24.260	14.9	ng/ul	445918	6	25.476	599294	20.0
1,2-Benzenedica...	24.877	30.9	ng/ul	926872	6	25.476	599294	20.0
Phthalic acid, ...	26.122	6.5	ng/ul	193193	6	25.476	599294	20.0
Phthalic acid, ...	26.199	6.6	ng/ul	197196	6	25.476	599294	20.0
Phthalic acid, ...	27.291	32.5	ng/ul	974661	6	25.476	599294	20.0
2-(4a,8-Dimethy...	27.444	5.0	ng/ul	148456	6	25.476	599294	20.0
.beta.-iso-Meth...	28.684	8.5	ng/ul	255248	6	25.476	599294	20.0
Phthalic acid, ...	30.728	10.7	ng/ul	319805	6	25.476	599294	20.0