

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
 Data File : BG042189.D
 Acq On : 13 Aug 2019 20:24
 Operator : HP/JU
 Sample : K4215-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	5	10	31	rVB	1297504	2157185	11.99%	1.172%
2	7.012	664	668	674	rVB3	208204	340571	1.89%	0.185%
3	7.183	689	697	704	rBV4	364260	770767	4.28%	0.419%
4	7.347	715	725	731	rBV4	170869	370555	2.06%	0.201%
5	7.676	775	781	786	rBV	258963	437824	2.43%	0.238%
6	7.947	819	827	832	rVV7	118782	367417	2.04%	0.200%
7	8.017	832	839	845	rVV2	655774	1294801	7.20%	0.703%
8	8.287	878	885	888	rVV2	158715	435674	2.42%	0.237%
9	8.323	888	891	898	rVV3	249335	457232	2.54%	0.248%
10	8.575	928	934	940	rVV5	350158	914241	5.08%	0.497%
11	8.675	947	951	955	rVV2	204355	341352	1.90%	0.185%
12	8.734	955	961	967	rVV2	283974	626378	3.48%	0.340%
13	9.145	1022	1031	1036	rVV3	386547	898011	4.99%	0.488%
14	9.192	1036	1039	1043	rVV	191434	338281	1.88%	0.184%
15	9.245	1043	1048	1056	rVV6	151271	342403	1.90%	0.186%
16	9.398	1070	1074	1080	rVB5	209235	434414	2.41%	0.236%
17	9.674	1117	1121	1127	rVV2	190702	494149	2.75%	0.268%
18	9.733	1127	1131	1135	rVV	242511	463413	2.58%	0.252%
19	9.927	1156	1164	1168	rBV4	244779	519842	2.89%	0.282%
20	10.032	1177	1182	1189	rBV4	186884	404862	2.25%	0.220%
21	10.197	1203	1210	1214	rBV3	190567	326828	1.82%	0.178%
22	10.250	1214	1219	1224	rVV3	185172	377036	2.10%	0.205%
23	10.467	1252	1256	1265	rVB	271042	534624	2.97%	0.290%
24	10.849	1311	1321	1326	rVV2	393377	1092785	6.07%	0.594%
25	10.896	1326	1329	1337	rVV6	156576	468925	2.61%	0.255%
26	10.978	1337	1343	1346	rVV	307825	634308	3.53%	0.345%
27	11.019	1346	1350	1355	rVV	414882	681316	3.79%	0.370%
28	11.566	1438	1443	1450	rVB4	199189	395057	2.20%	0.215%
29	11.771	1472	1478	1486	rBV2	138674	314761	1.75%	0.171%
30	11.883	1492	1497	1502	rBV	440520	763063	4.24%	0.415%
31	12.512	1595	1604	1610	rVB2	868675	1764859	9.81%	0.959%
32	12.729	1635	1641	1651	rBV	814416	1609618	8.95%	0.874%
33	13.229	1721	1726	1731	rVB	647193	971118	5.40%	0.528%
34	13.622	1787	1793	1799	rVB3	182429	428126	2.38%	0.233%

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35	13.716	1805	1809	1812	rBV	269300	391833	2.18%	0.213%
36	13.851	1825	1832	1833	rBV	740473	1121768	6.24%	0.609%
37	14.010	1848	1859	1864	rBV	1184733	2486199	13.82%	1.351%
38	14.063	1864	1868	1876	rVB2	723919	1760486	9.79%	0.956%
39	14.175	1883	1887	1891	rVB	790289	1057901	5.88%	0.575%
40	14.245	1895	1899	1903	rBV	394820	589716	3.28%	0.320%
41	14.380	1918	1922	1926	rBV	619820	954880	5.31%	0.519%
42	14.662	1965	1970	1971	rBV	363413	504436	2.80%	0.274%
43	14.686	1971	1974	1980	rVB	569496	926844	5.15%	0.504%
44	14.897	2004	2010	2019	rVB2	540317	1454427	8.08%	0.790%
45	15.091	2038	2043	2049	rVB	760620	1255840	6.98%	0.682%
46	15.162	2050	2055	2060	rVV	539682	896712	4.98%	0.487%
47	15.214	2060	2064	2074	rVB6	323846	609285	3.39%	0.331%
48	15.309	2075	2080	2084	rBV	476993	797358	4.43%	0.433%
49	15.361	2085	2089	2093	rVB	458327	642252	3.57%	0.349%
50	15.479	2102	2109	2112	rBV	261835	583642	3.24%	0.317%
51	15.514	2112	2115	2120	rVB3	255305	344386	1.91%	0.187%
52	15.685	2140	2144	2148	rVB	634049	910189	5.06%	0.494%
53	15.784	2156	2161	2165	rBV3	188640	355115	1.97%	0.193%
54	15.949	2184	2189	2194	rVB	958066	1419853	7.89%	0.771%
55	16.131	2212	2220	2222	rBV	1071262	1940161	10.78%	1.054%
56	16.160	2222	2225	2236	rVV3	1217501	2121608	11.79%	1.153%
57	16.249	2237	2240	2245	rVV3	216384	323016	1.80%	0.175%
58	16.437	2262	2272	2281	rVV	4493404	7798081	43.34%	4.237%
59	16.531	2281	2288	2292	rVV	4854698	8594087	47.77%	4.669%
60	16.601	2292	2300	2305	rVV3	8333538	17991214	100.00%	9.774%
61	16.660	2305	2310	2314	rVV2	7462553	12964768	72.06%	7.043%
62	16.701	2314	2317	2321	rVV	4908458	7029093	39.07%	3.819%
63	16.748	2321	2325	2328	rVV	3006201	5351790	29.75%	2.907%
64	16.801	2332	2334	2338	rVV2	1983515	2607132	14.49%	1.416%
65	16.860	2338	2344	2349	rVV3	4652071	9621628	53.48%	5.227%
66	16.924	2349	2355	2358	rVV	4933659	8916971	49.56%	4.844%
67	16.960	2358	2361	2364	rVV	3634590	5988984	33.29%	3.254%
68	16.995	2364	2367	2374	rVB	3239619	5131418	28.52%	2.788%
69	17.130	2383	2390	2393	rBV2	547347	1131873	6.29%	0.615%
70	17.253	2404	2411	2415	rBV2	1322599	2334781	12.98%	1.268%
71	17.447	2439	2444	2448	rBV3	654452	1060019	5.89%	0.576%

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72	17.488	2448	2451	2455	rVV	346116	512219	2.85%	0.278%
73	17.547	2456	2461	2468	rVB3	904660	1437315	7.99%	0.781%
74	17.858	2510	2514	2518	rBV3	292935	444613	2.47%	0.242%
75	18.323	2589	2593	2596	rBV2	361139	571464	3.18%	0.310%
76	18.364	2596	2600	2611	rVB2	2150046	3411013	18.96%	1.853%
77	18.458	2611	2616	2620	rBV	810371	1410917	7.84%	0.767%
78	18.505	2620	2624	2628	rBV3	1557547	2873162	15.97%	1.561%
79	18.593	2633	2639	2643	rVV2	1135521	2477125	13.77%	1.346%
80	18.634	2643	2646	2650	rVV	1034205	1669738	9.28%	0.907%
81	18.675	2650	2653	2656	rVV2	1724335	2463279	13.69%	1.338%
82	18.710	2656	2659	2663	rVV2	1621305	2511185	13.96%	1.364%
83	18.752	2663	2666	2671	rVV	1480299	2026651	11.26%	1.101%
84	18.822	2671	2678	2682	rVV2	1170307	2852928	15.86%	1.550%
85	18.869	2683	2686	2691	rVB	1084870	1494583	8.31%	0.812%
86	18.951	2697	2700	2706	rVB3	295145	465855	2.59%	0.253%
87	19.045	2710	2716	2721	rBV2	406988	1038201	5.77%	0.564%
88	19.233	2745	2748	2753	rVB2	378667	529363	2.94%	0.288%
89	19.357	2766	2769	2776	rBV4	261615	626236	3.48%	0.340%
90	19.527	2794	2798	2804	rVB2	642906	1056198	5.87%	0.574%
91	19.586	2805	2808	2819	rVV4	296531	802962	4.46%	0.436%
92	19.727	2828	2832	2837	rVB4	250057	436333	2.43%	0.237%
93	19.827	2844	2849	2854	rBV	980223	1511381	8.40%	0.821%
94	20.191	2906	2911	2918	rBV2	328498	858947	4.77%	0.467%
95	20.450	2952	2955	2962	rVB	301109	451567	2.51%	0.245%
96	20.831	3016	3020	3027	rVB	1554949	1741658	9.68%	0.946%
97	21.613	3148	3153	3159	rVB	1059228	1400517	7.78%	0.761%
98	21.725	3166	3172	3186	rVB	692050	1375945	7.65%	0.748%
99	24.768	3682	3690	3704	rVB	552763	1538460	8.55%	0.836%
100	24.997	3721	3729	3746	rVB2	421730	1337091	7.43%	0.726%

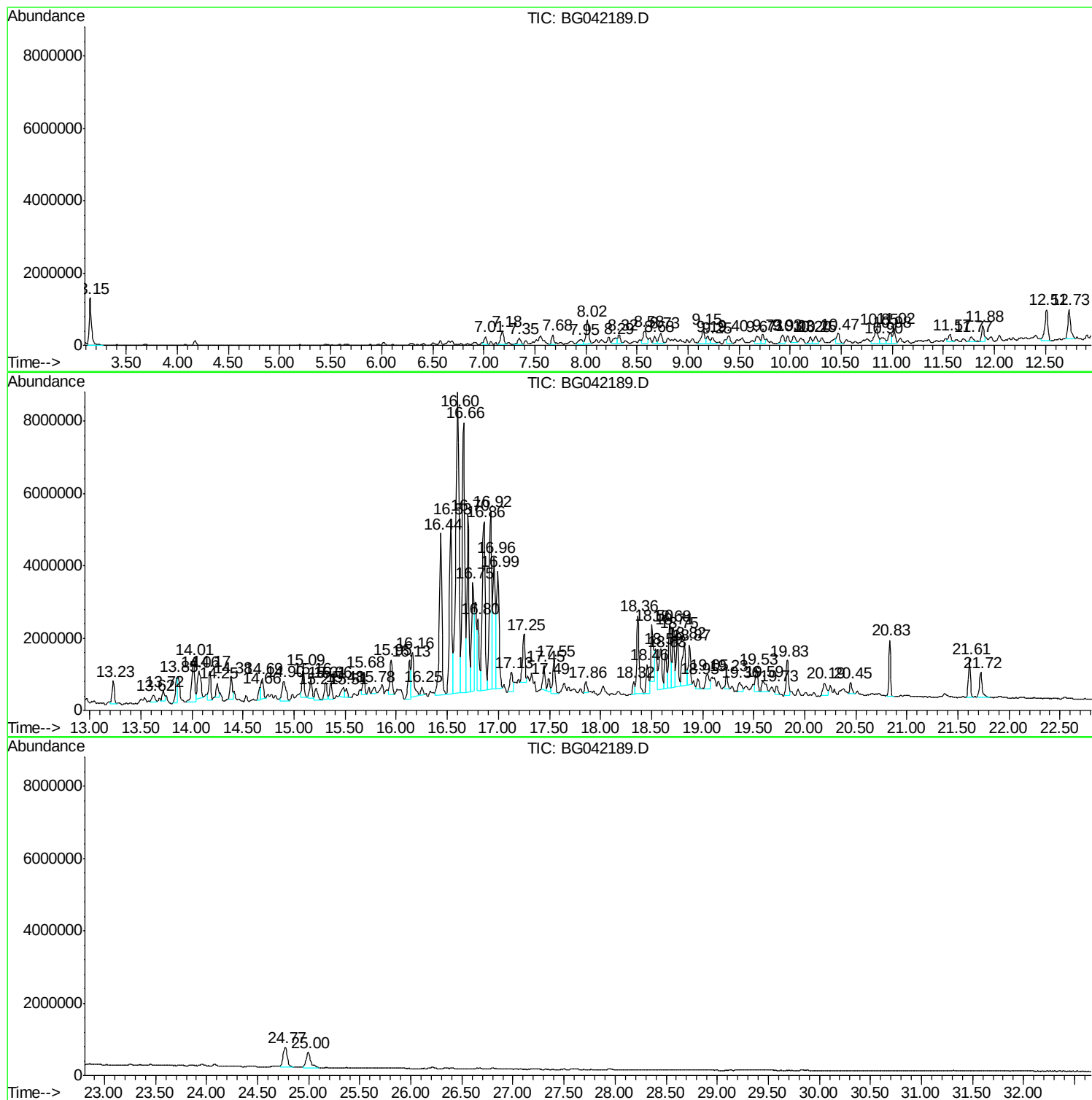
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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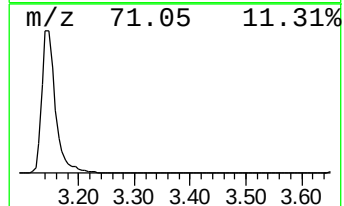
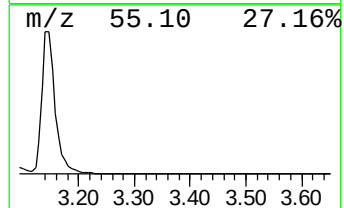
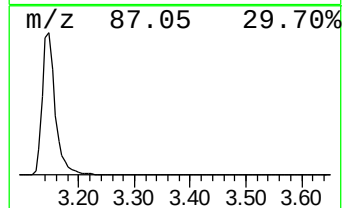
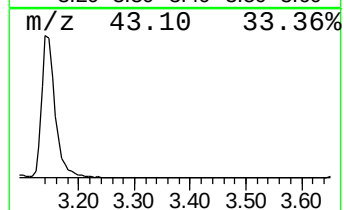
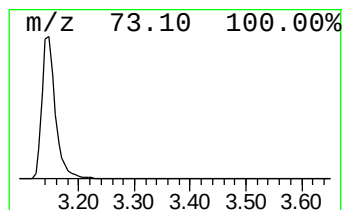
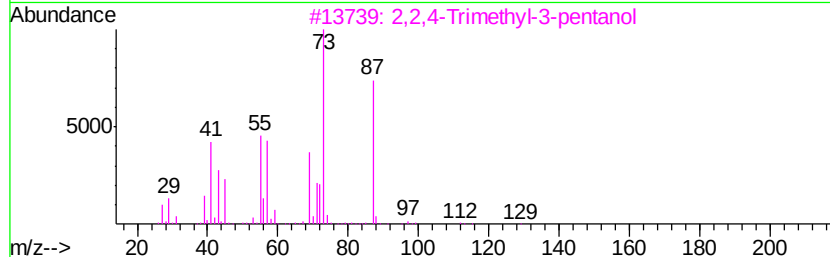
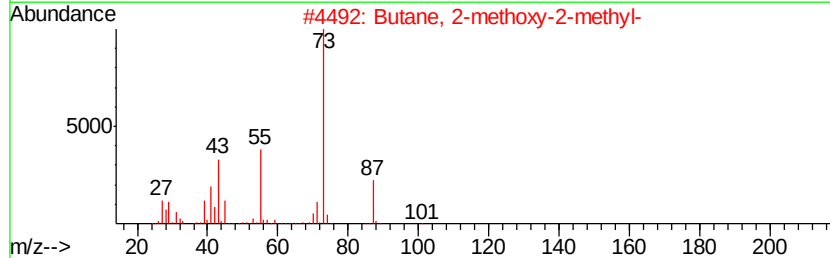
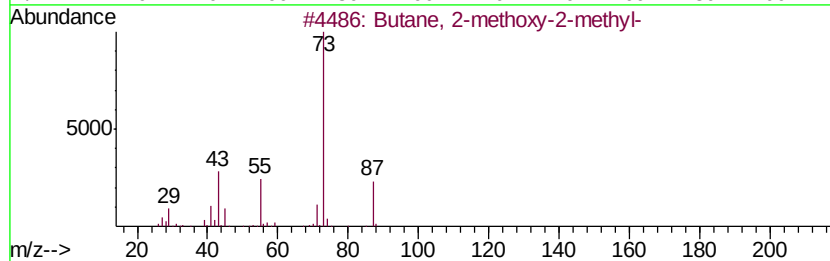
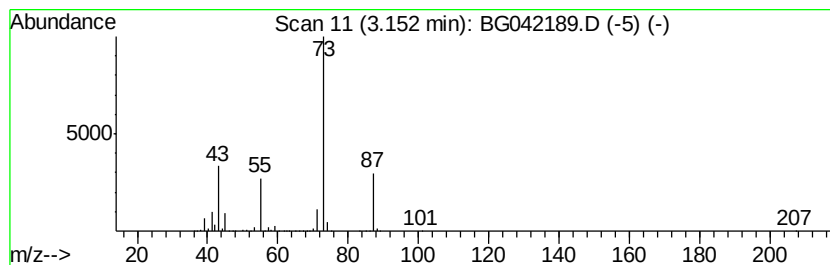
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	33.32 ng/ul	2157190	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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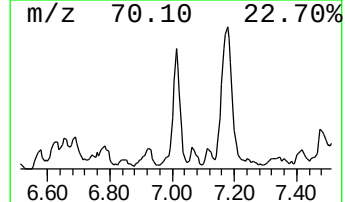
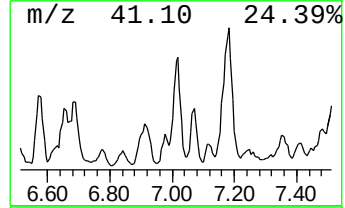
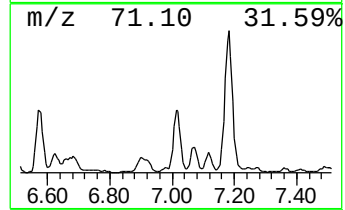
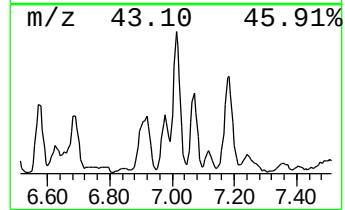
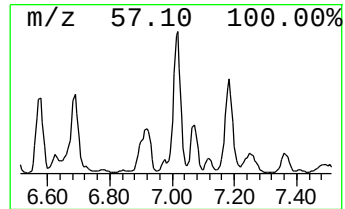
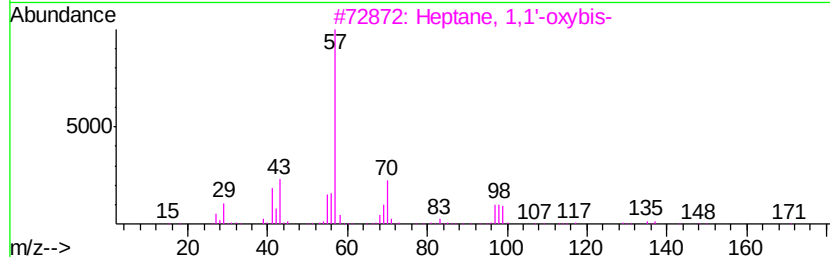
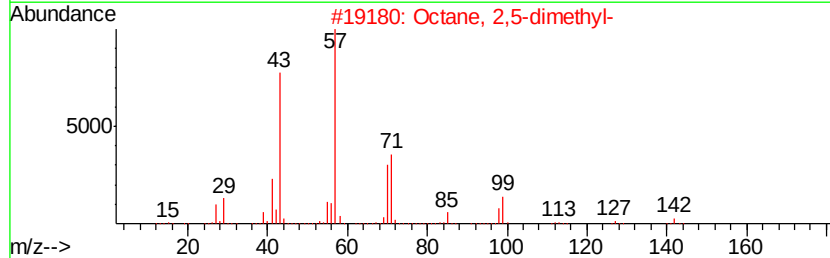
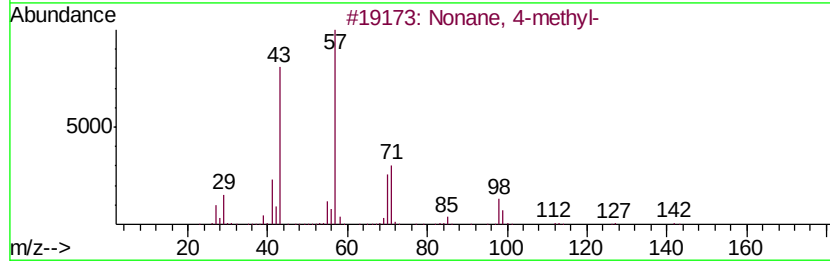
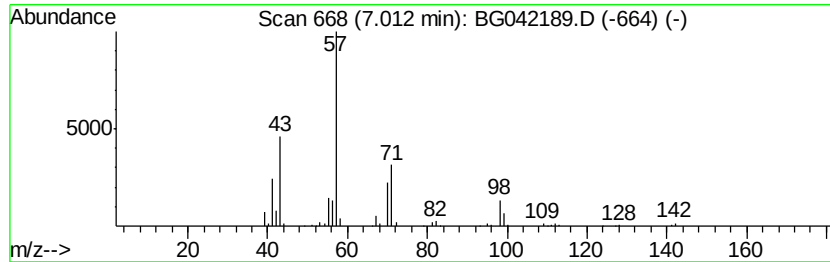
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD		R.T.
7.01	5.26 ng/ul	340571	1,4-Dichlorobenzene-d4		8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	56
3			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



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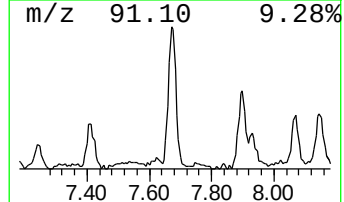
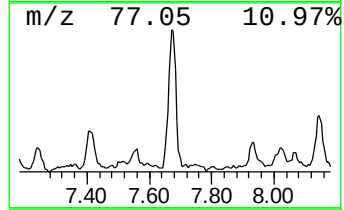
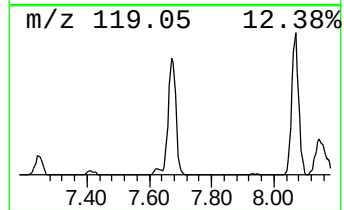
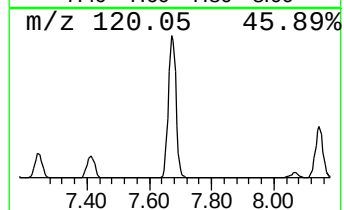
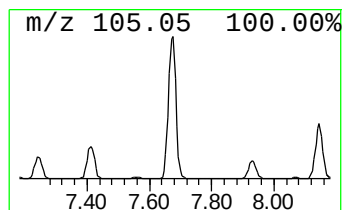
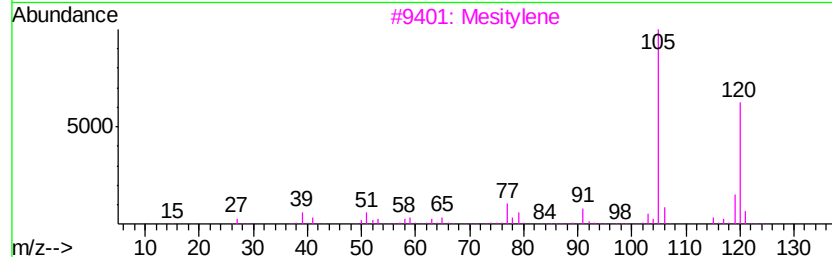
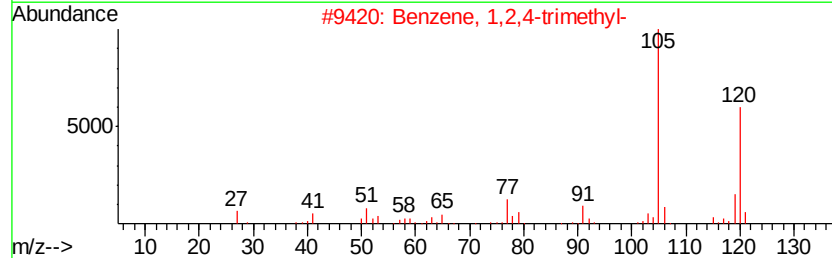
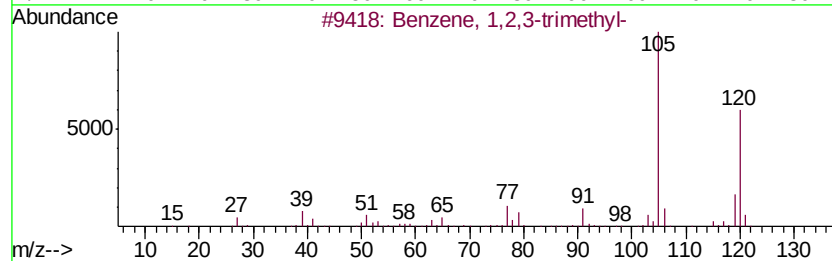
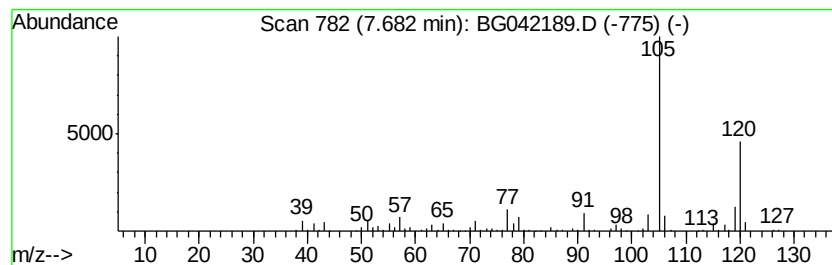
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	6.76 ng/ul	437824	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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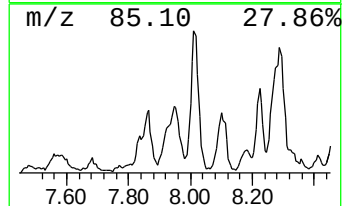
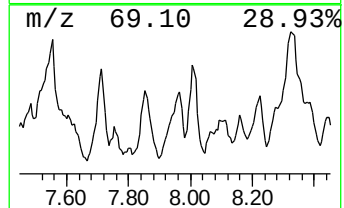
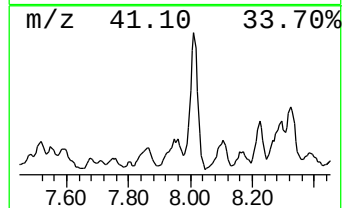
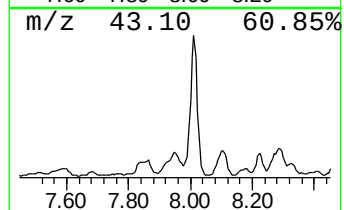
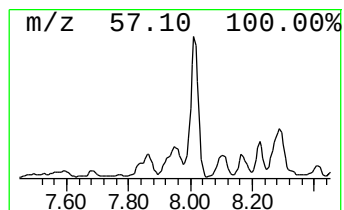
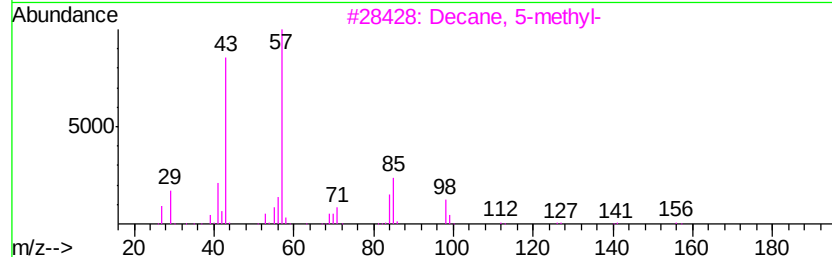
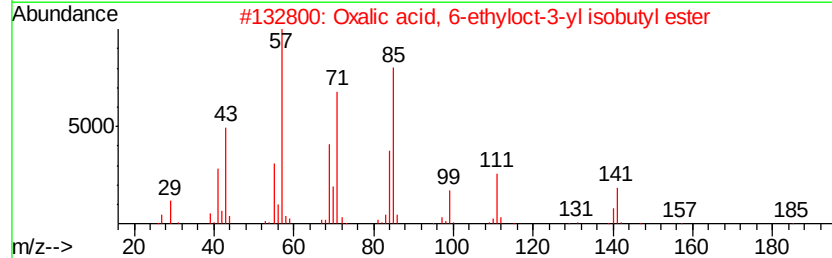
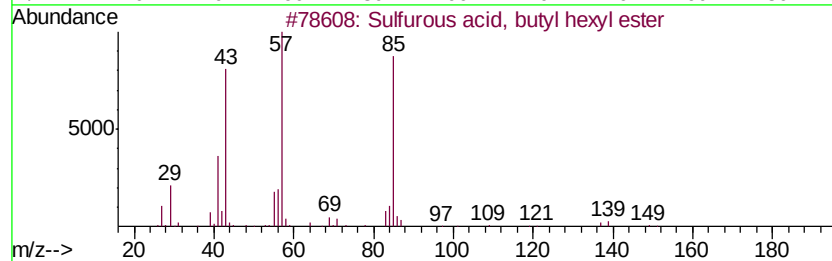
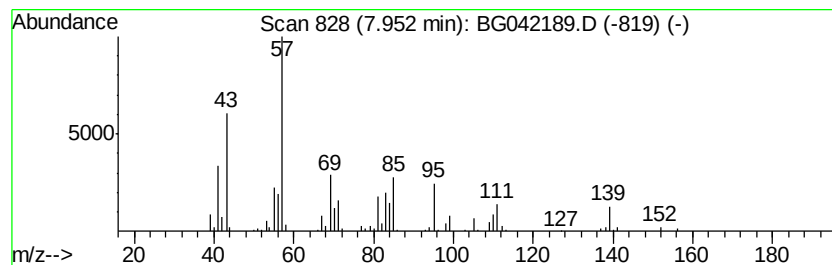
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	5.68 ng/ul	367417	1,4-Dichlorobenzene-d4	8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	38
2			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	38
3			Decane, 5-methyl-	156	C11H24	013151-35-4	38
4			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	35
5			4,4-Dimethyl octane	142	C10H22	015869-95-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
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Instrument :
BNA_G
ClientSampleId :
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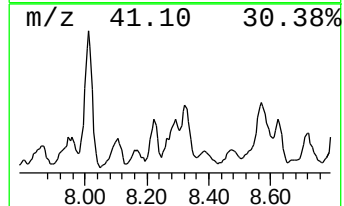
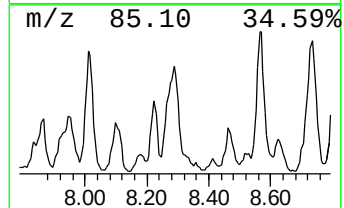
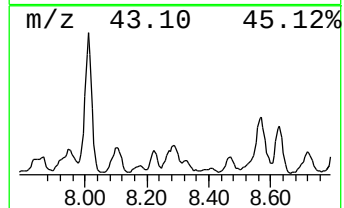
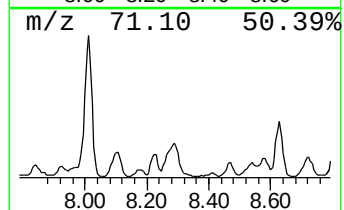
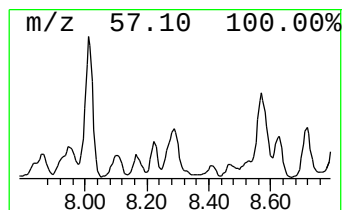
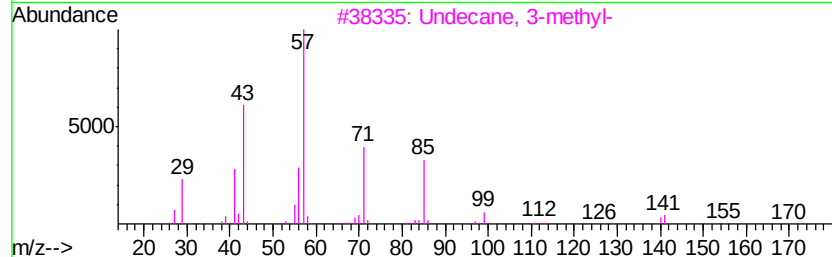
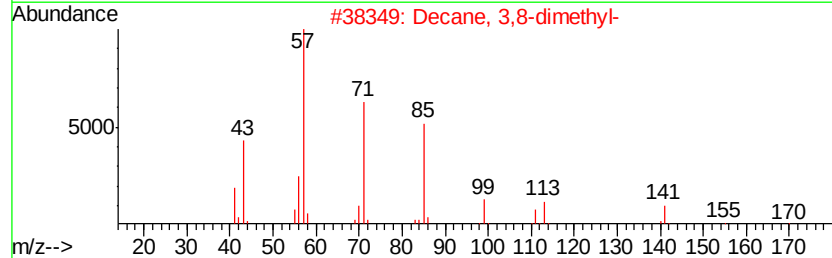
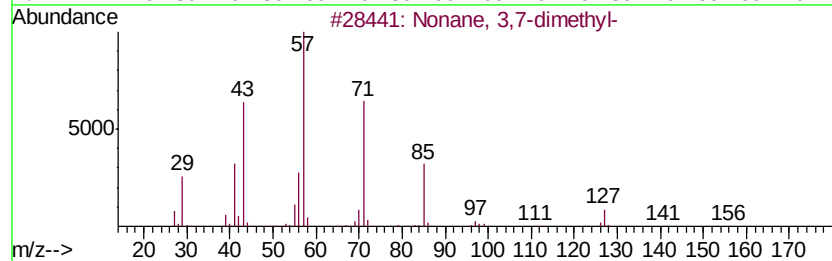
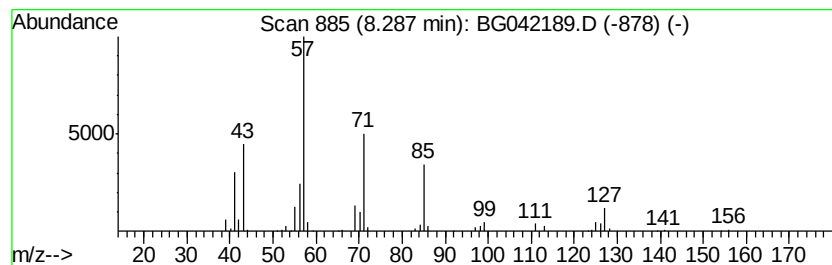
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	6.73 ng/ul	435674	1,4-Dichlorobenzene-d4	8.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
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Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

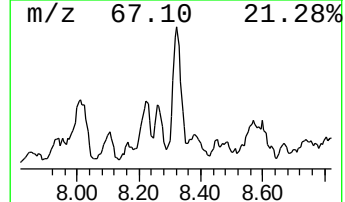
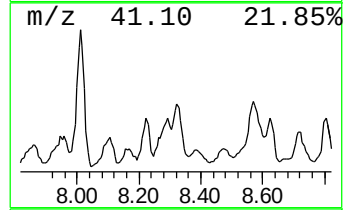
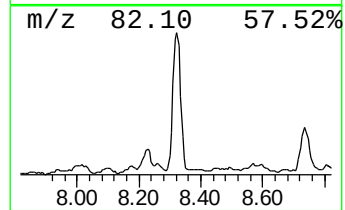
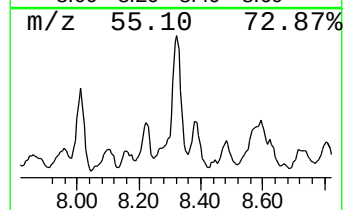
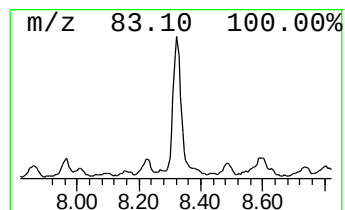
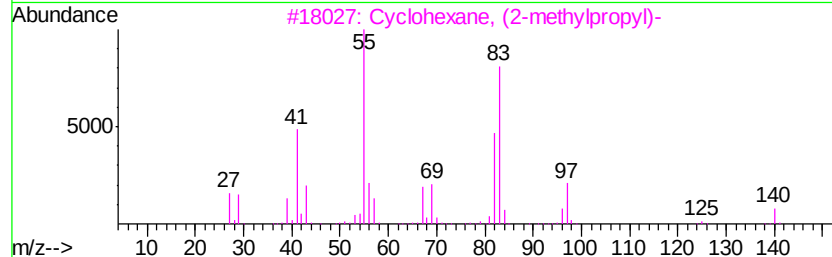
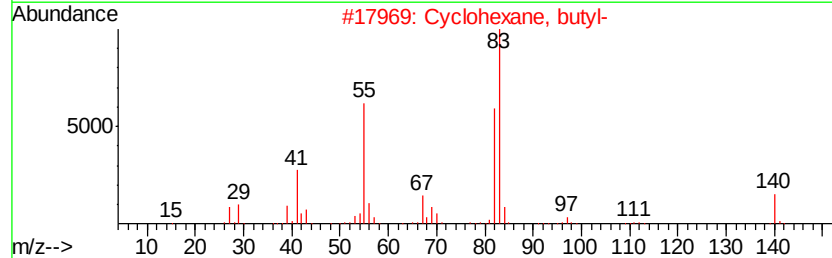
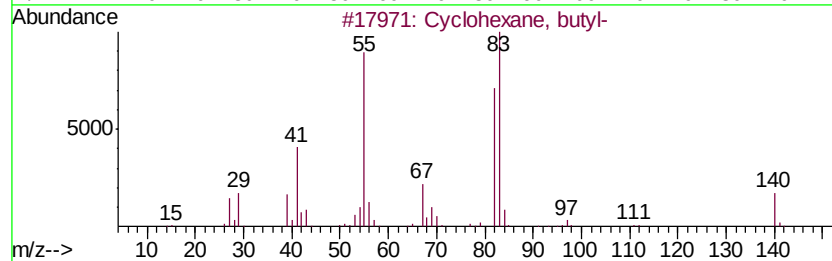
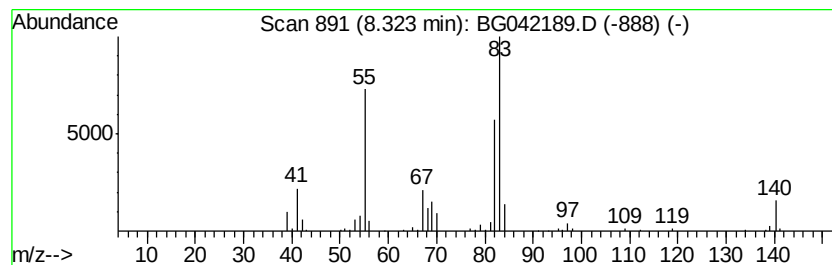
Instrument :
BNA_G
ClientSampleId :
ETOB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic8.32 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.32	7.06 ng/ul	457232	1,4-Dichlorobenzene-d4	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
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ClientSampleId :
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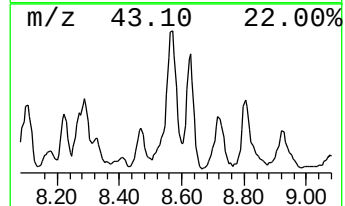
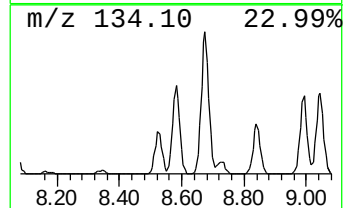
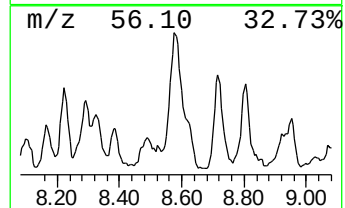
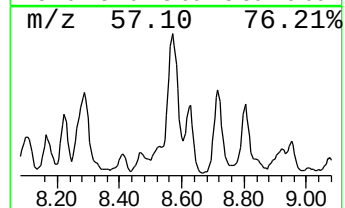
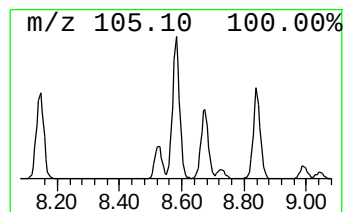
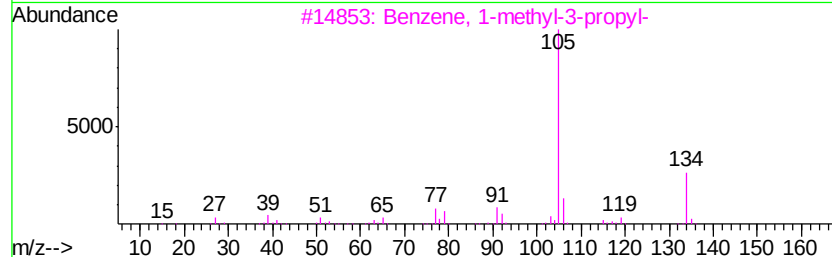
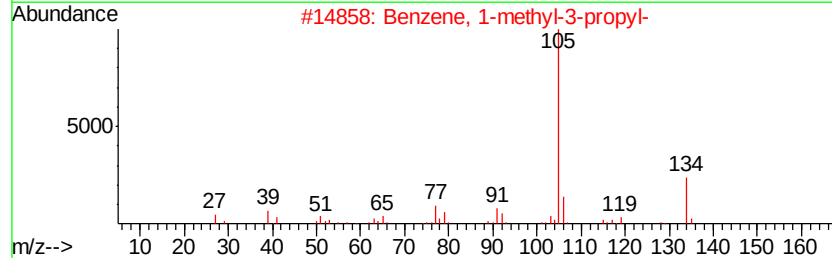
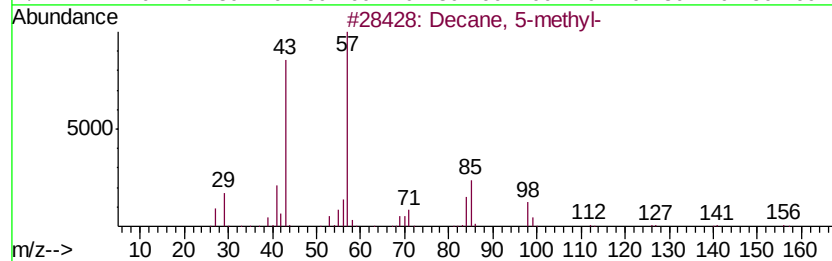
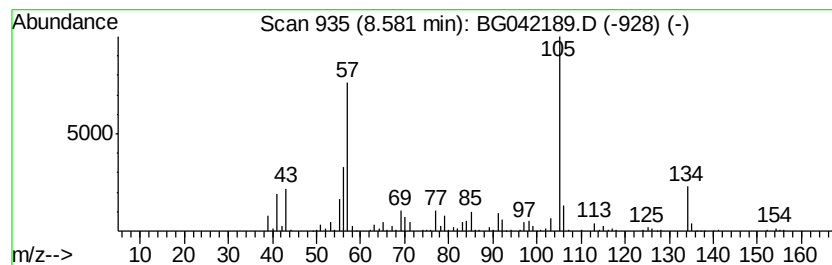
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	14.12 ng/ul	914241	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	43
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
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Sample : K4215-04
Misc :
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Instrument :
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ClientSampleId :
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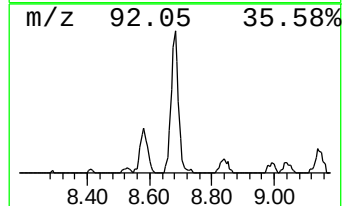
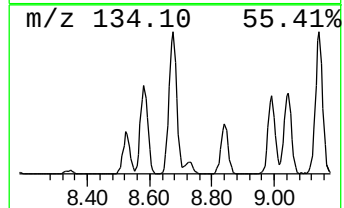
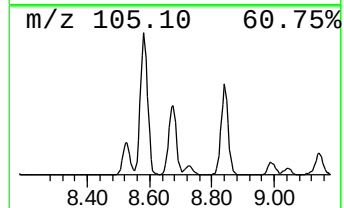
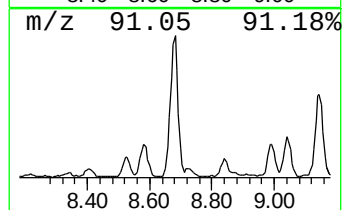
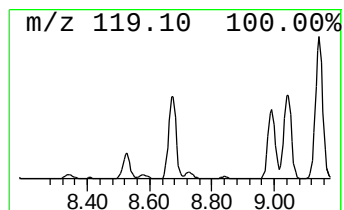
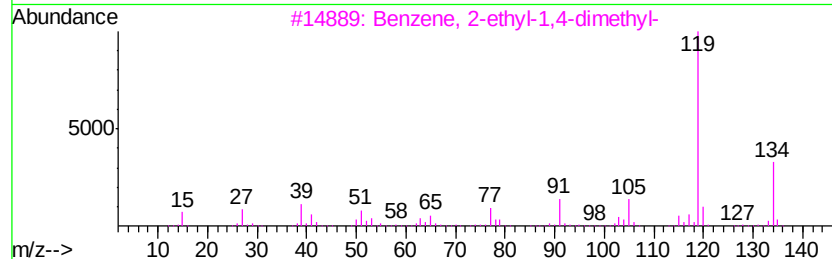
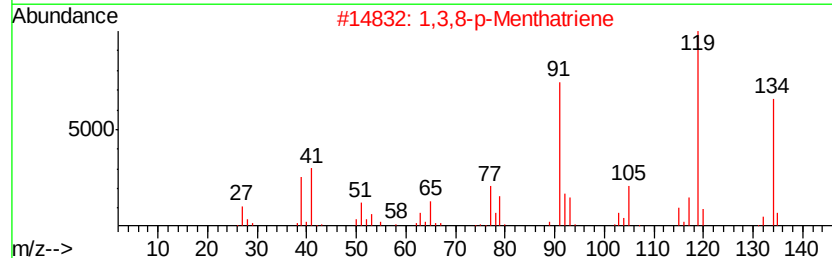
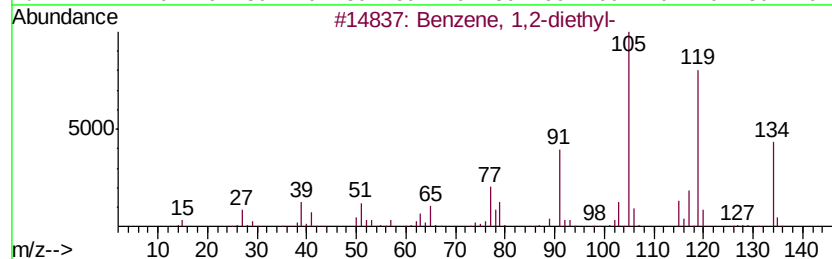
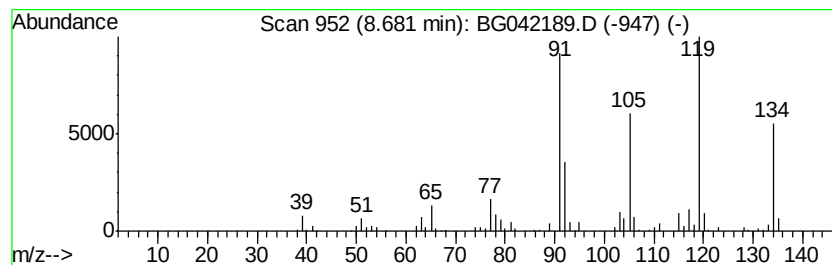
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	5.27 ng/ul	341352	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
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Sample : K4215-04
Misc :
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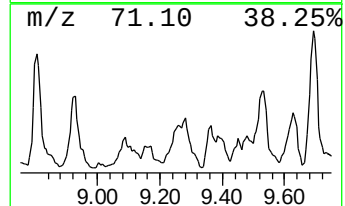
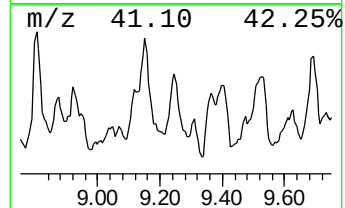
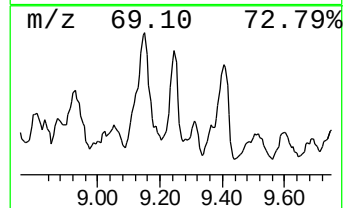
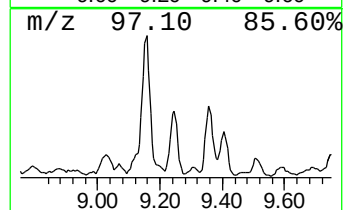
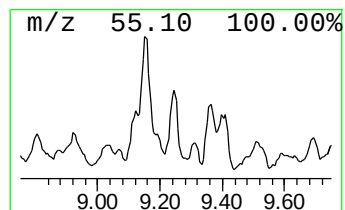
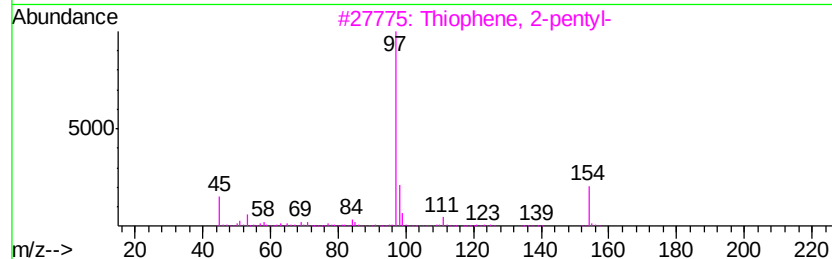
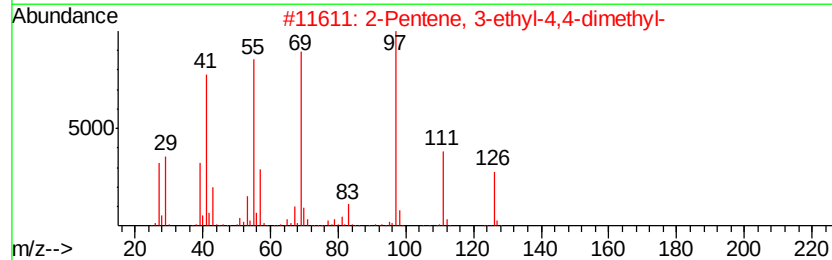
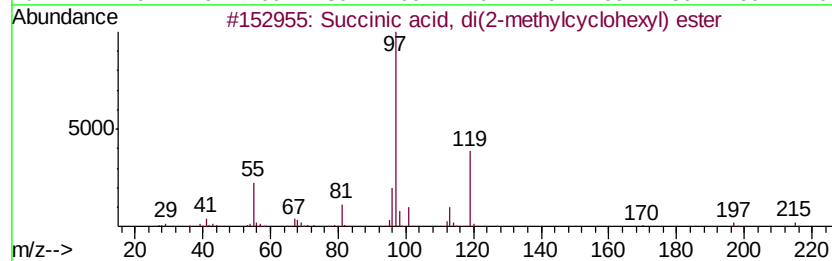
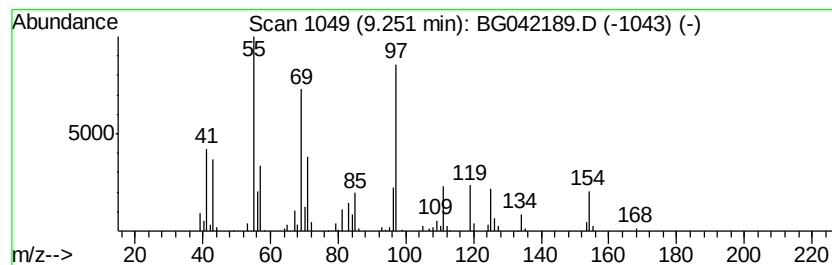
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.25	5.29 ng/ul	342403	1,4-Dichlorobenzene-d4	8.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Succinic acid, di(2-methylcyclohexyl) ester	310	C18H30O4	1000329-83-0	43
2		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	30
3		Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	27
4		5-Chloropentanoic acid, 1-(cyclohexyl)-	232	C12H21ClO2	1000293-37-6	27
5		Thiophene, 2-(3-methylbutyl)-	154	C9H14S	026963-33-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
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Sample : K4215-04
Misc :
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ClientSampleId :
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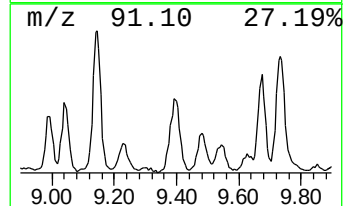
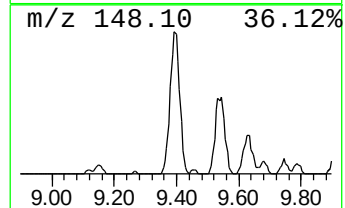
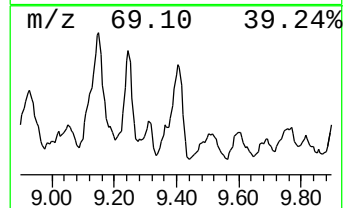
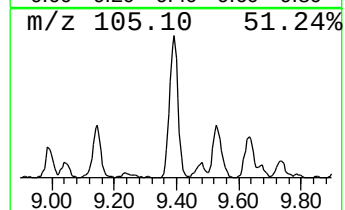
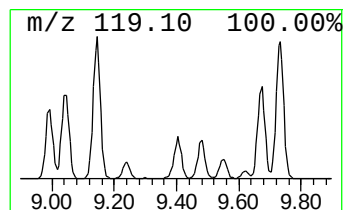
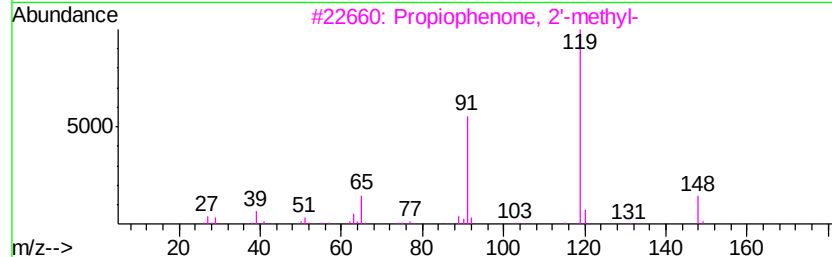
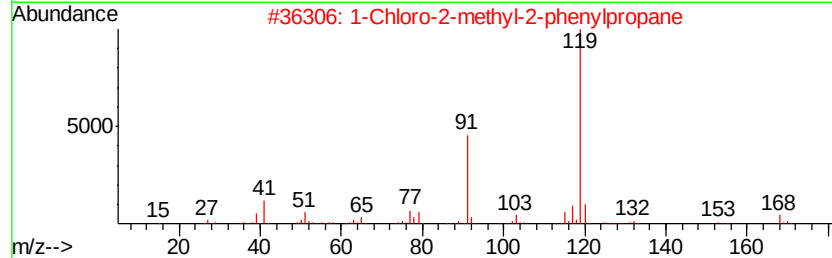
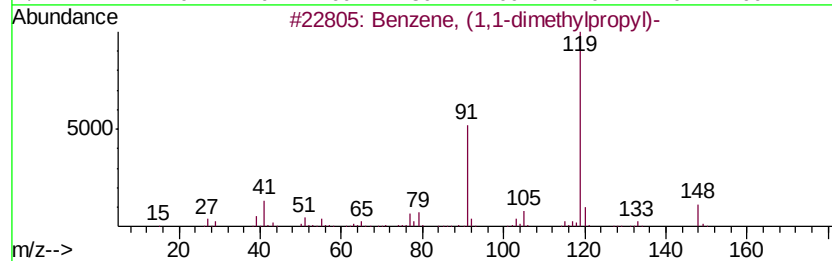
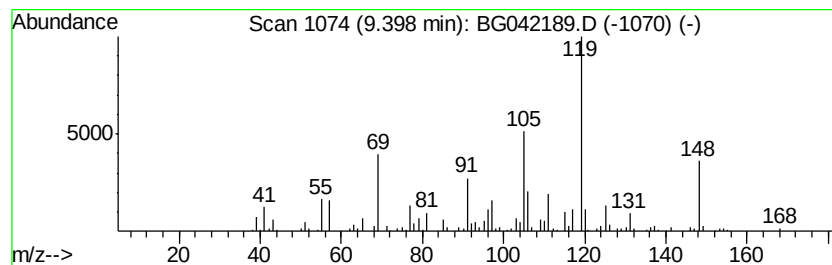
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-03 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	6.71 ng/ul	434414	1,4-Dichlorobenzene-d4	8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
2			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	43
3			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
4			4-Aminostyrene	119	C8H9N	001520-21-4	43
5			o-Cymene	134	C10H14	000527-84-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

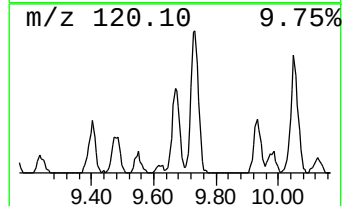
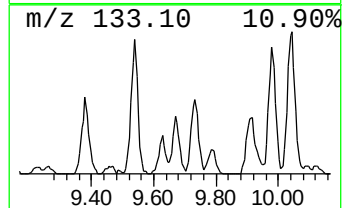
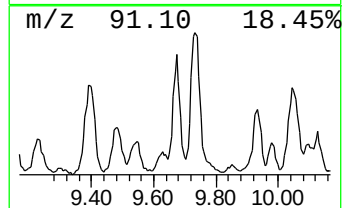
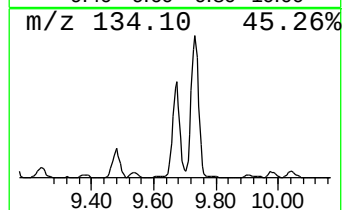
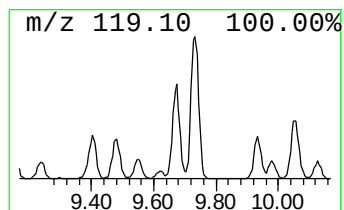
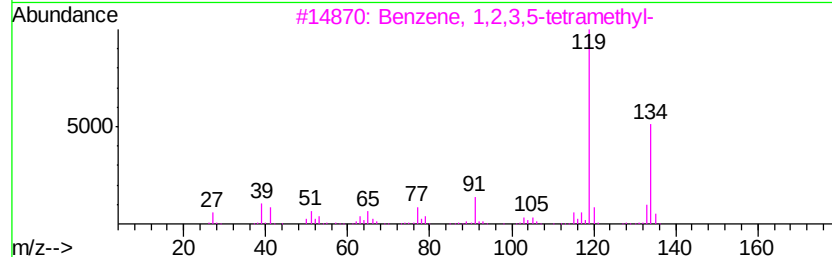
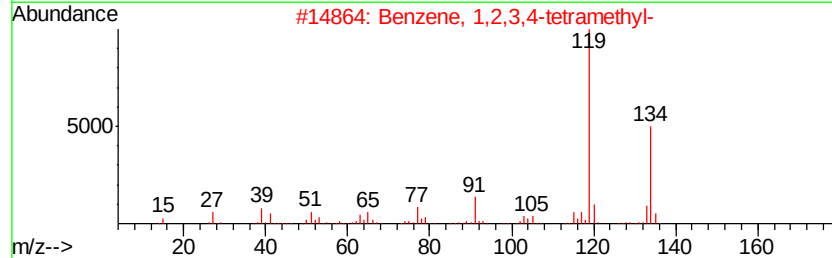
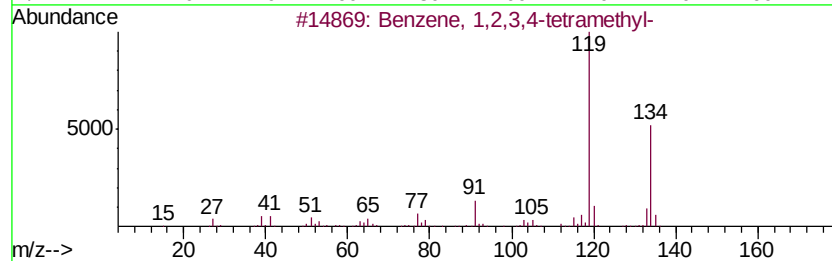
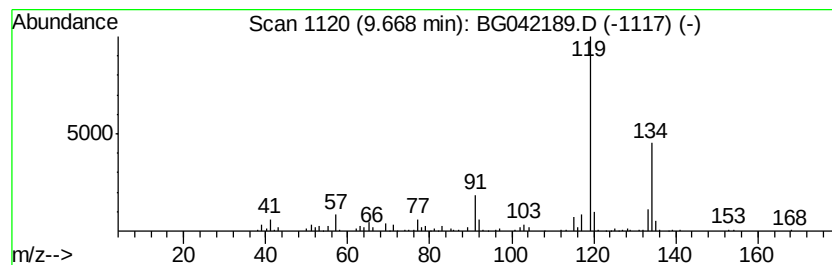
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	9.04 ng/ul	494149	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

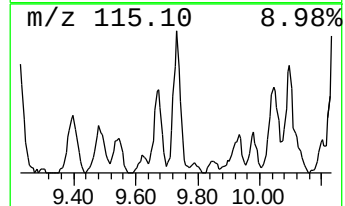
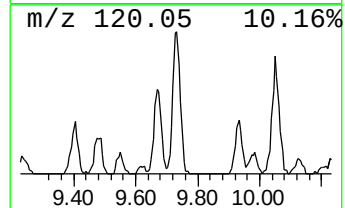
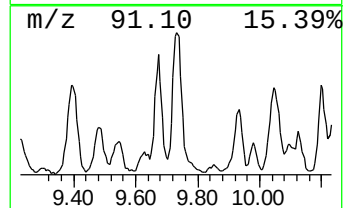
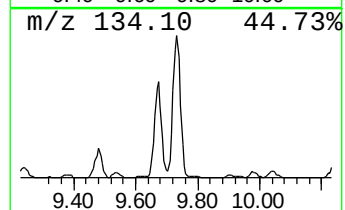
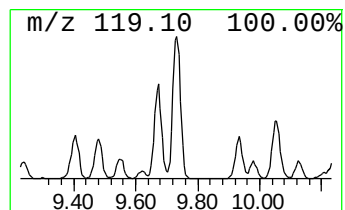
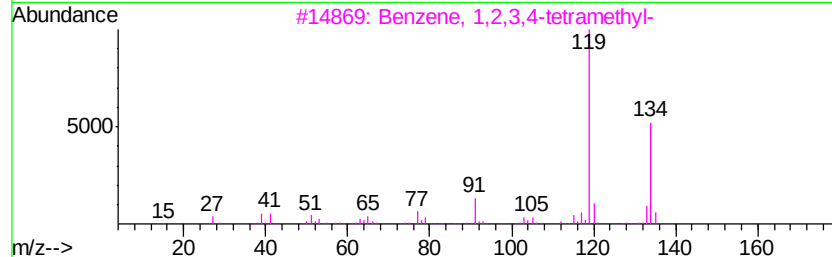
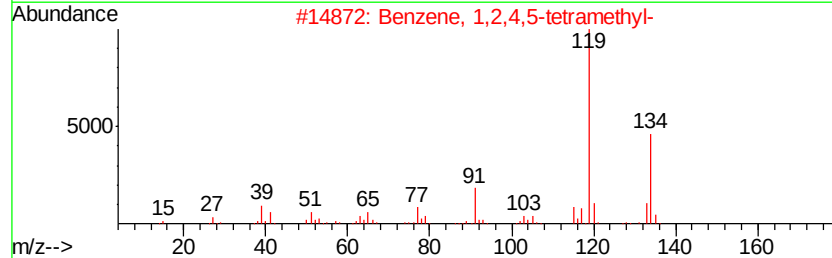
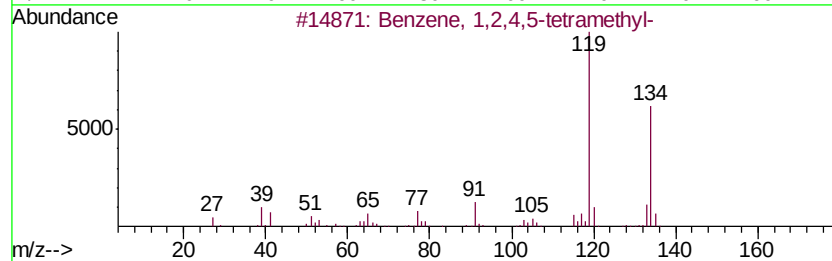
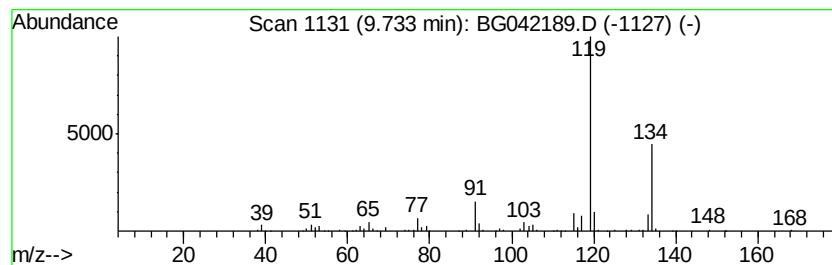
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	8.48 ng/ul	463413	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

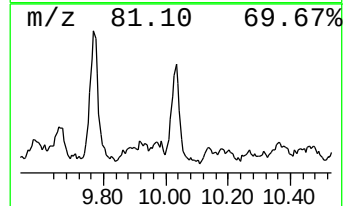
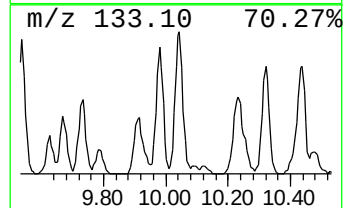
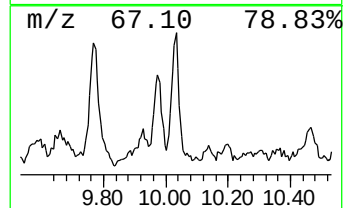
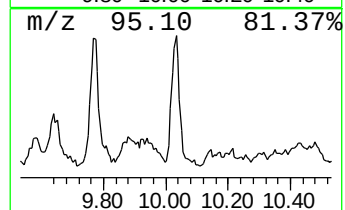
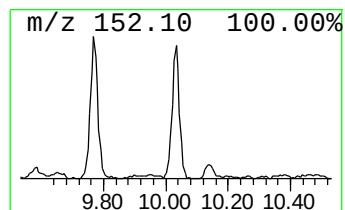
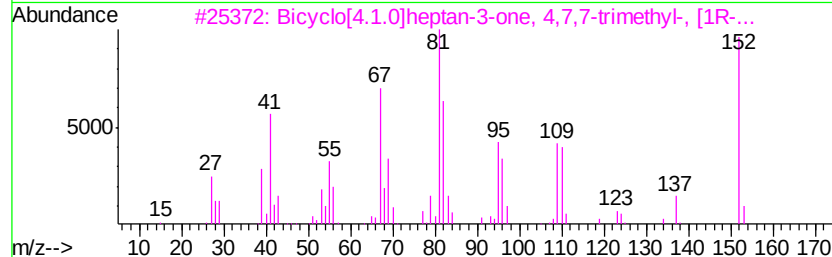
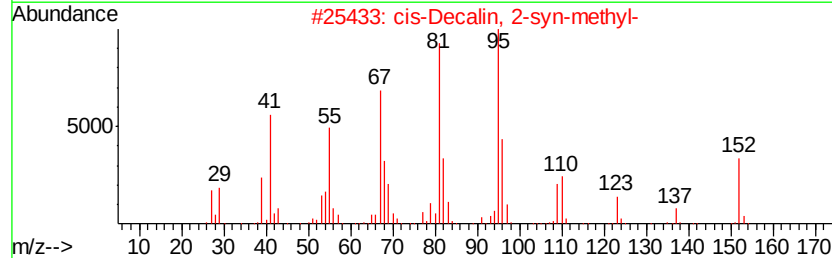
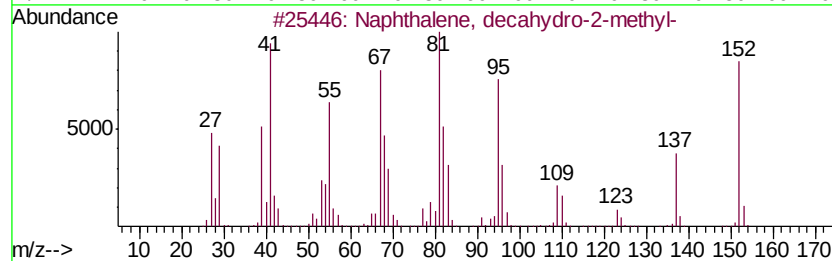
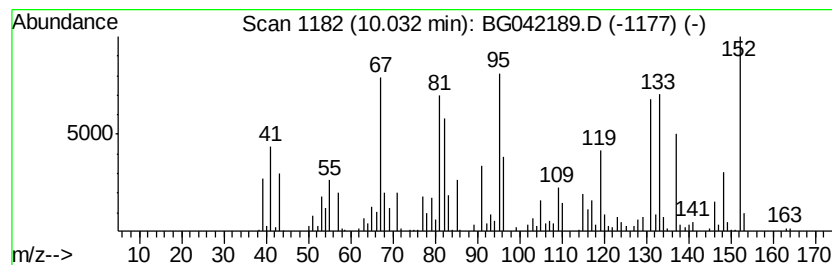
Instrument :
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ClientSampled :
ETOB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	7.41 ng/ul	404862	Naphthalene-d8	10.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 86
2		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 52
3		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-01-6 43
4		1-Adamantanol	152 C10H16O	000768-95-6 41
5		Pulegone	152 C10H16O	000089-82-7 30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
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Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

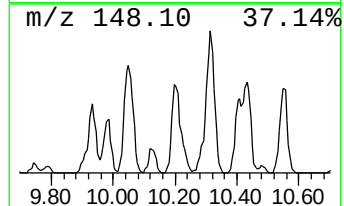
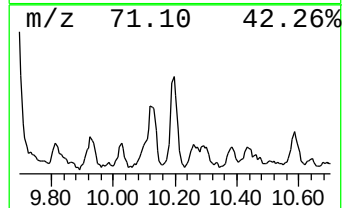
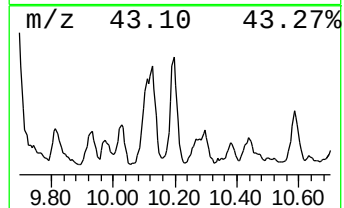
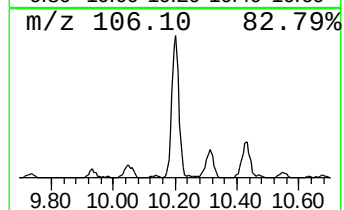
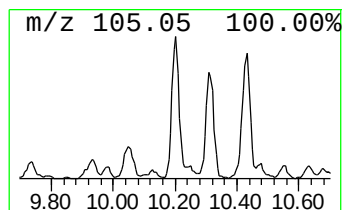
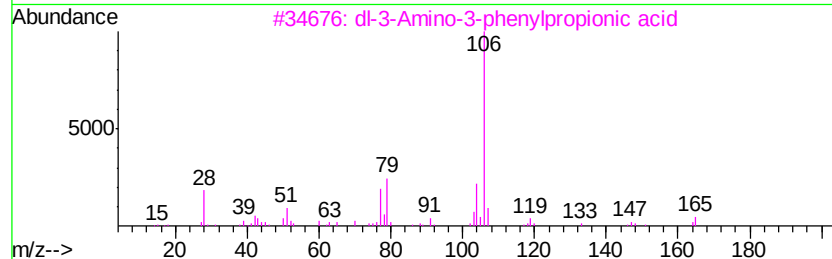
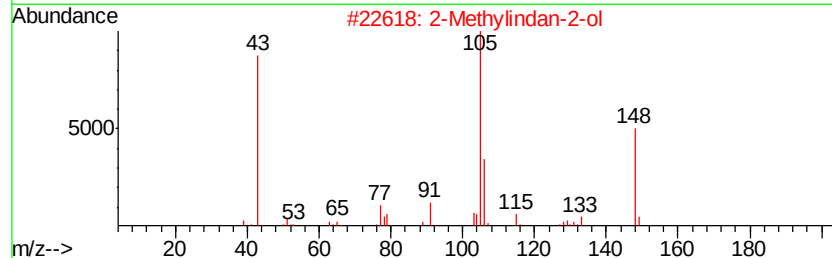
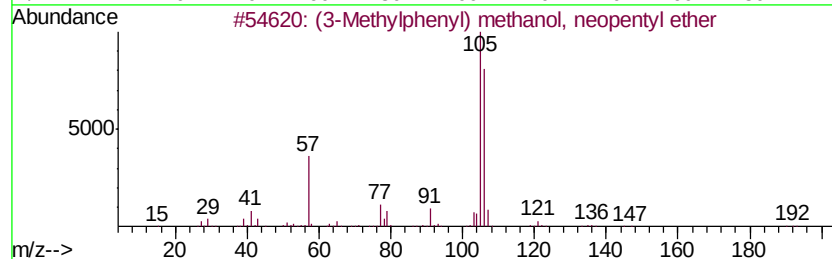
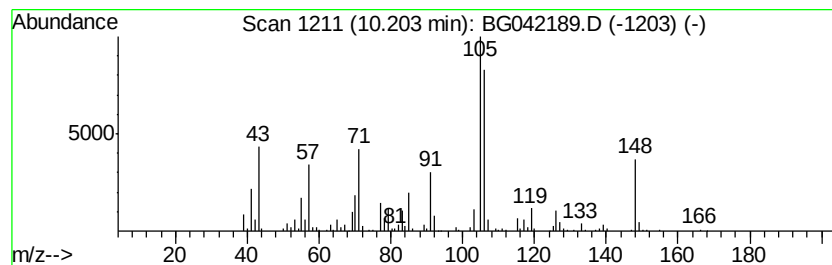
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-04 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.20	5.98 ng/ul	326828	Naphthalene-d8	10.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methylphenyl) methanol, neope...	192	C13H20O	1000374-44-1	30
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	18
3	dl-3-Amino-3-phenylpropionic acid	165	C9H11NO2	000614-19-7	14
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	14
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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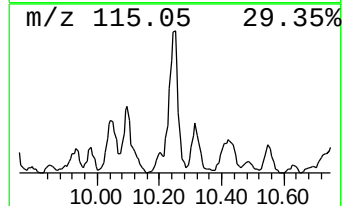
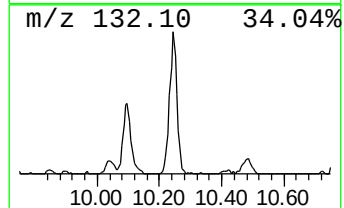
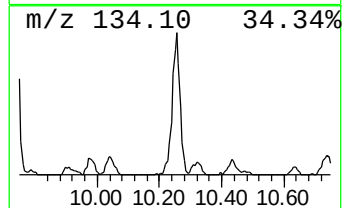
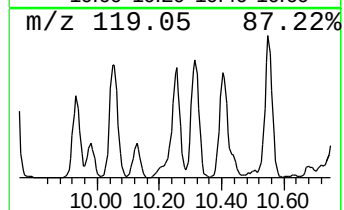
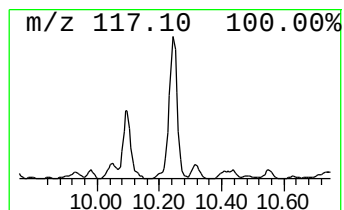
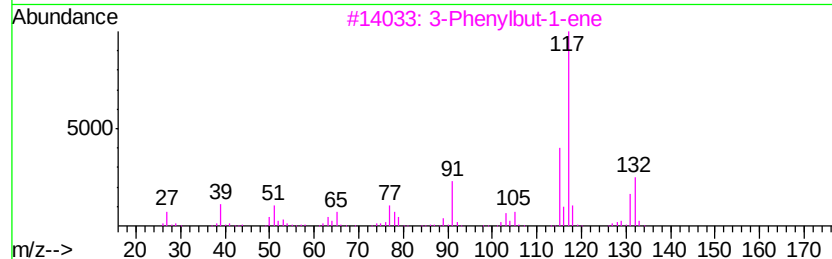
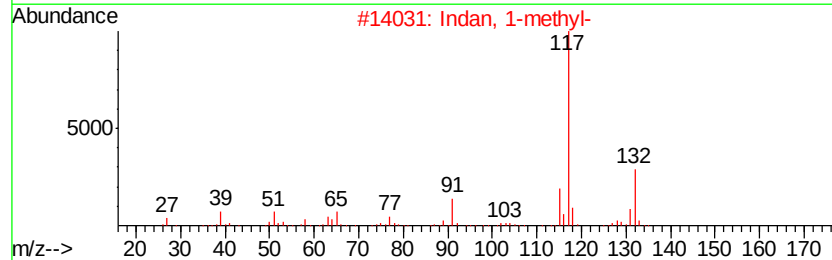
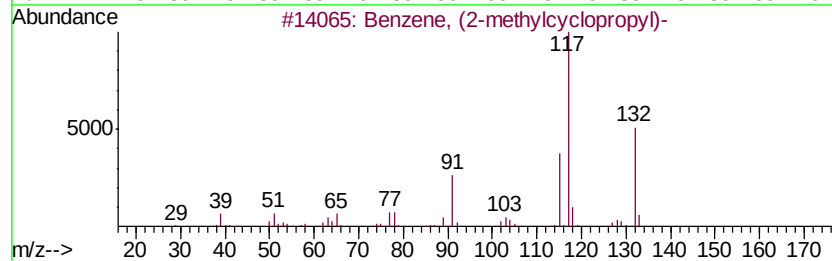
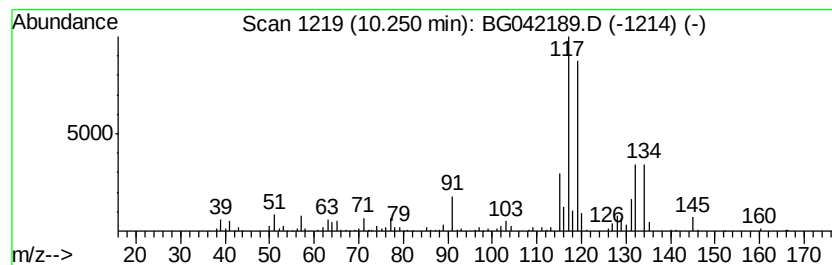
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, (2-methylcycloprop... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	6.90 ng/ul	377036	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
2		Indan, 1-methyl-	132	C10H12	000767-58-8	49
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	49
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
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Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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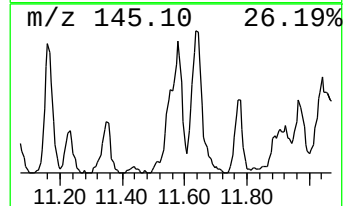
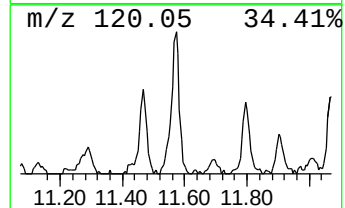
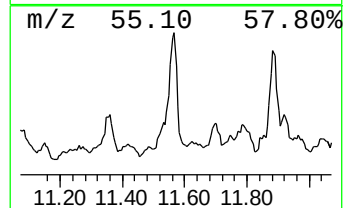
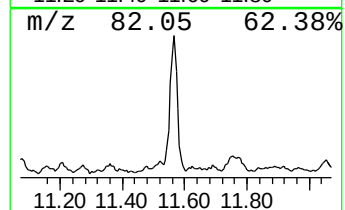
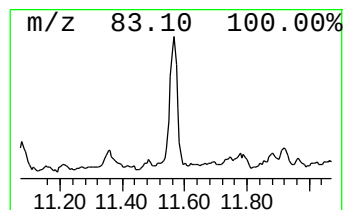
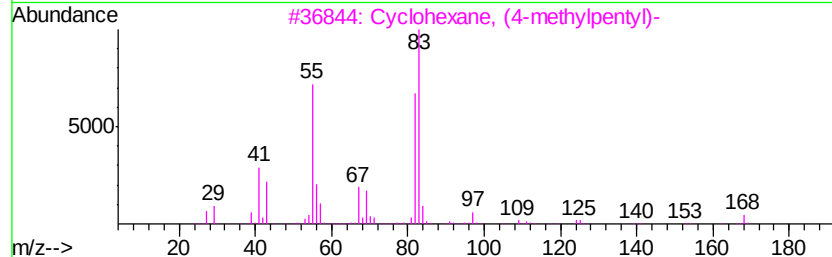
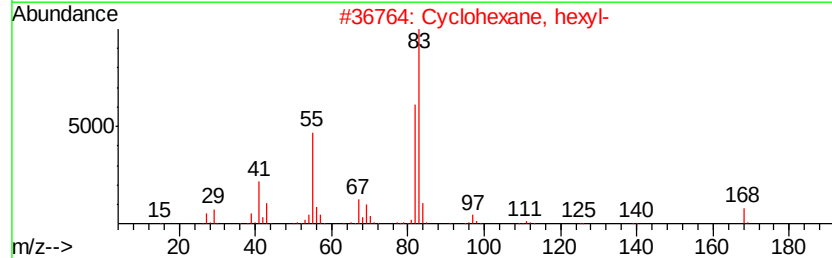
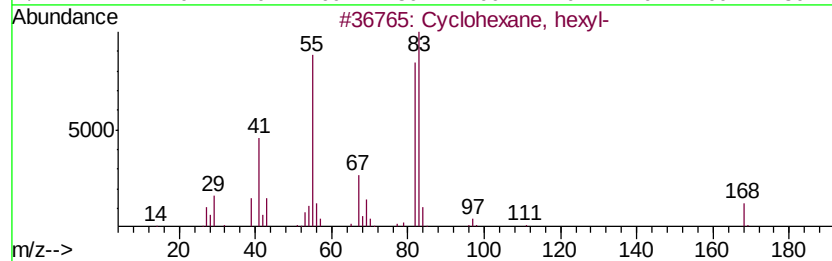
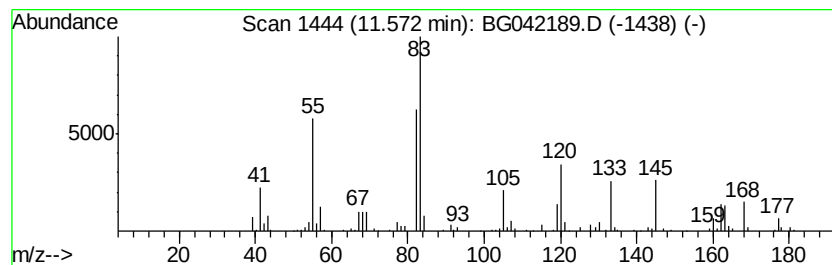
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic11.57 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.23 ng/ul	395057	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	60
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

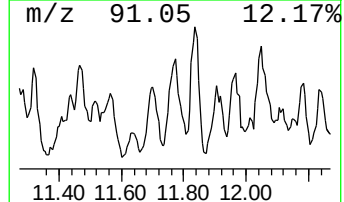
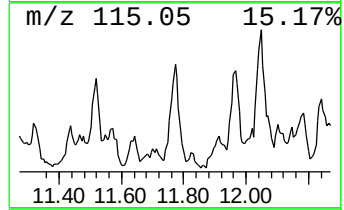
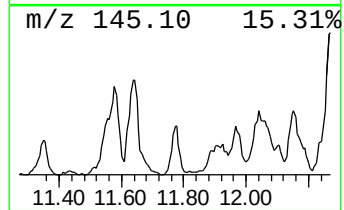
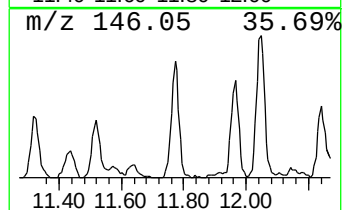
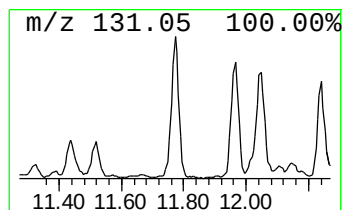
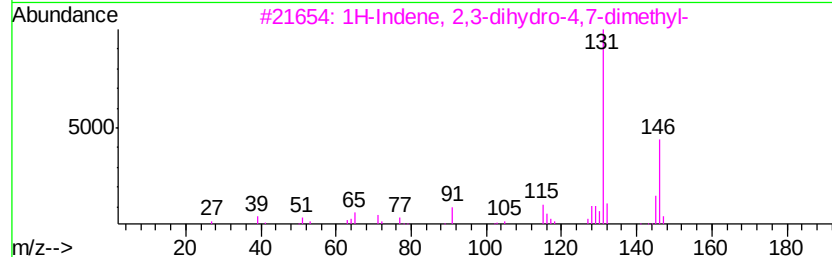
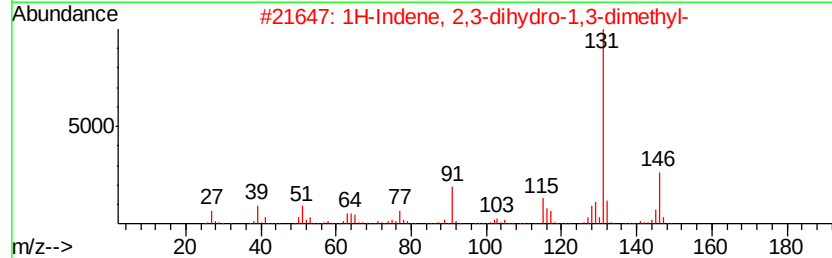
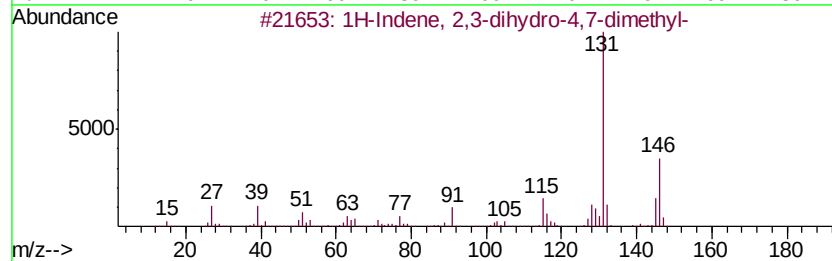
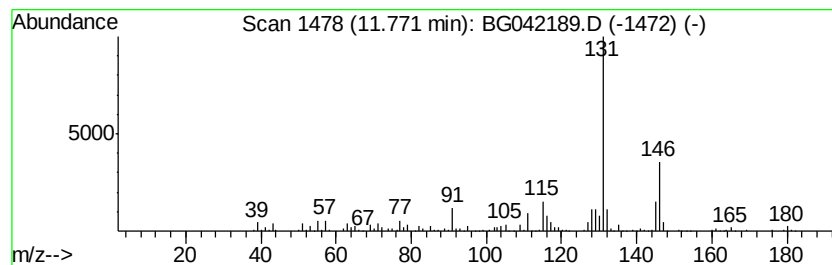
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.76 ng/ul	314761	Naphthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

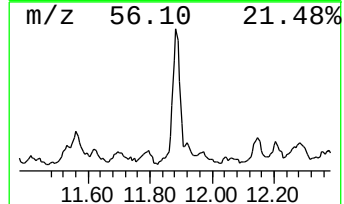
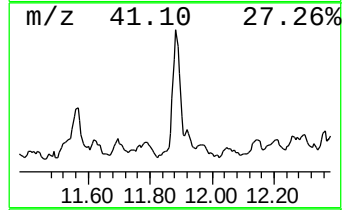
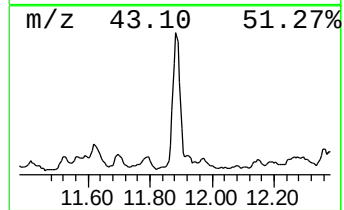
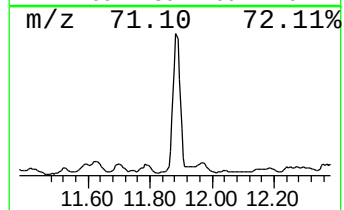
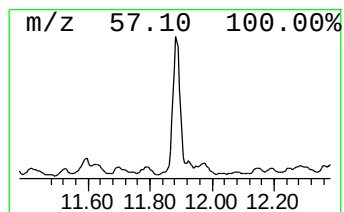
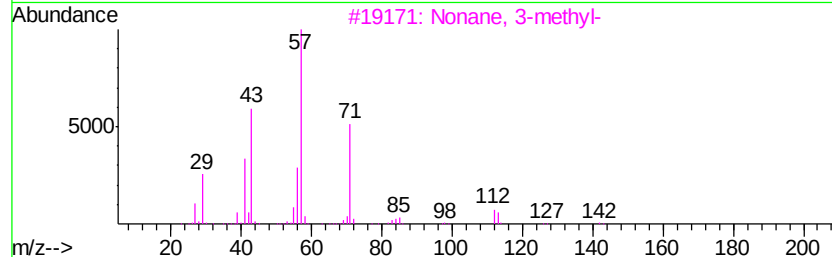
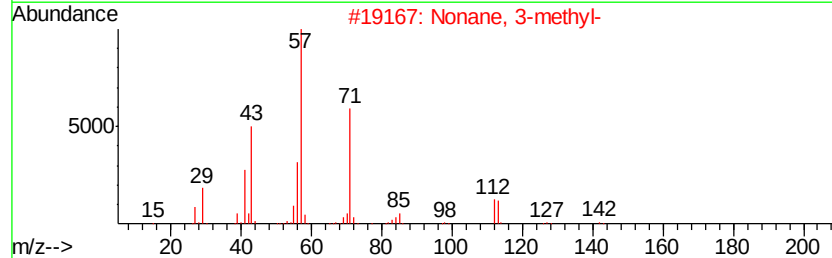
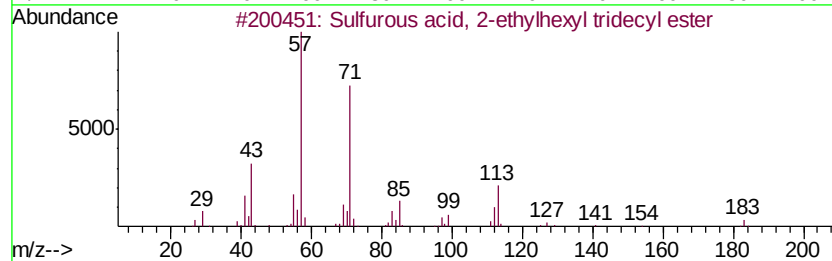
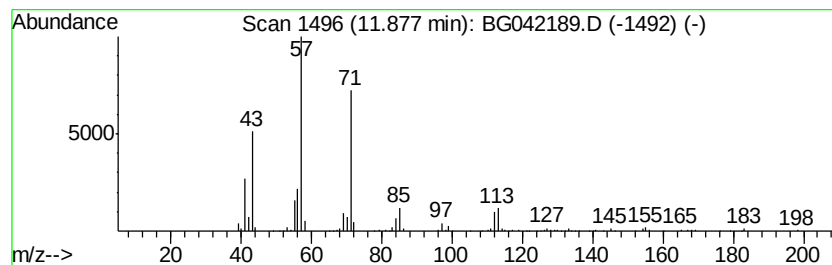
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Sulfurous acid, 2-ethylhexy... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	13.97 ng/ul	763063	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

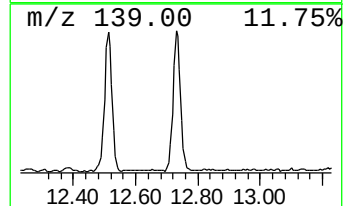
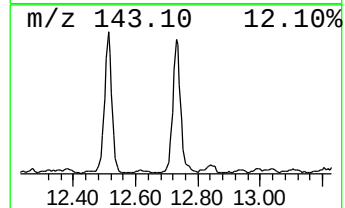
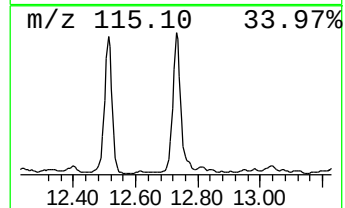
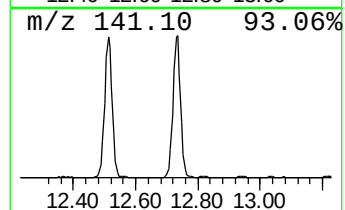
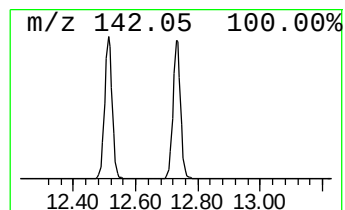
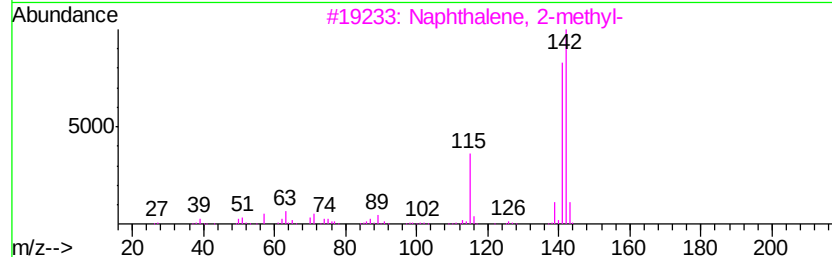
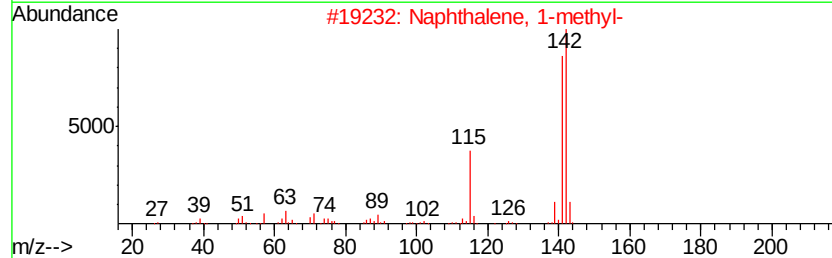
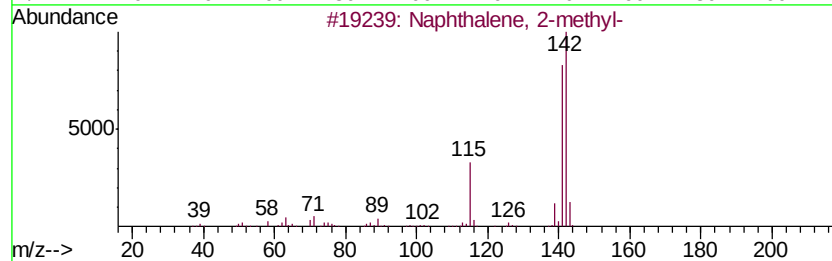
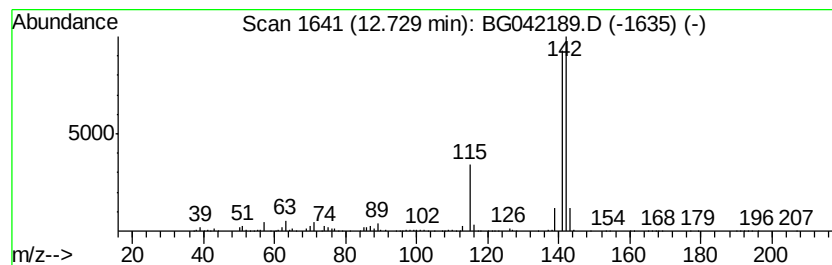
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	29.46 ng/ul	1609620	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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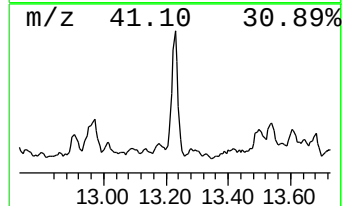
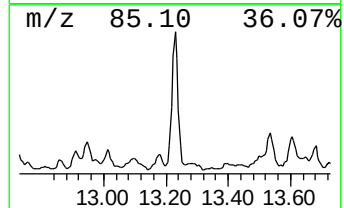
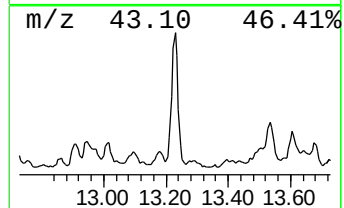
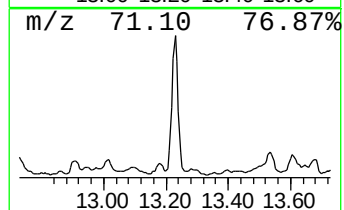
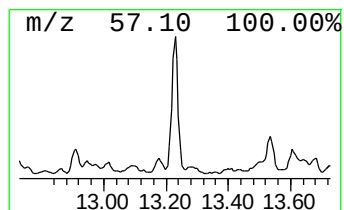
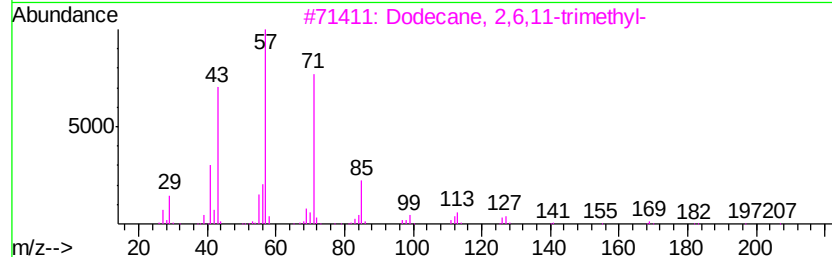
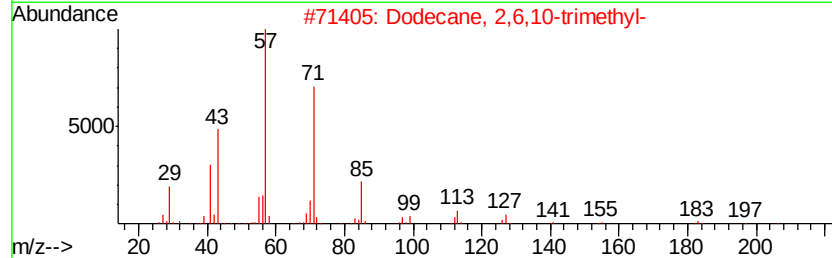
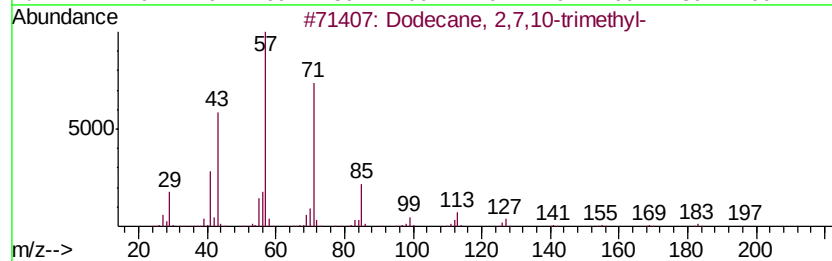
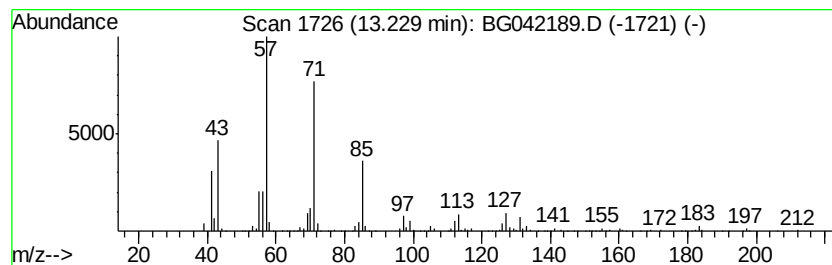
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	20.96 ng/ul	971118	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
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Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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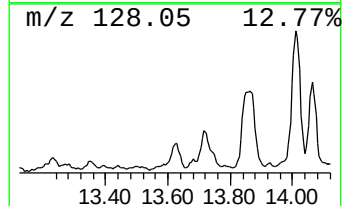
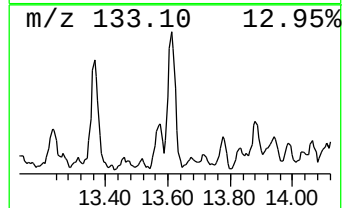
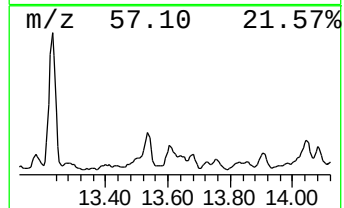
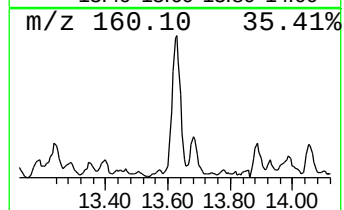
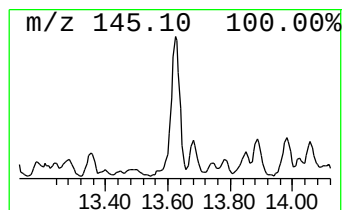
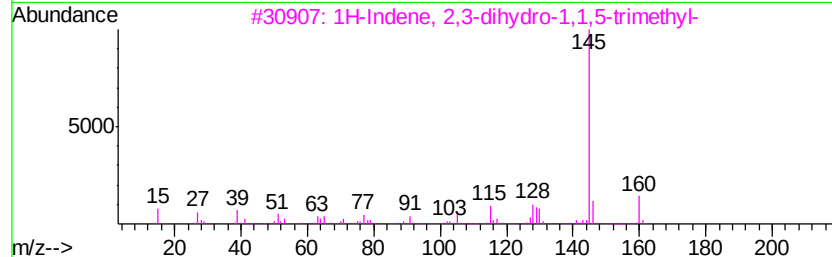
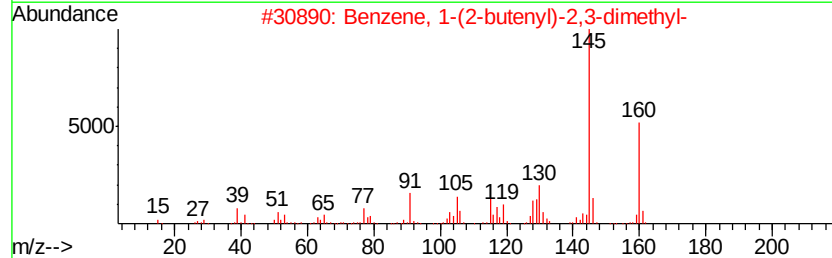
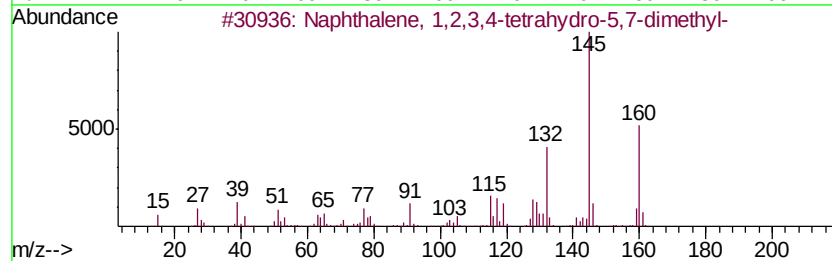
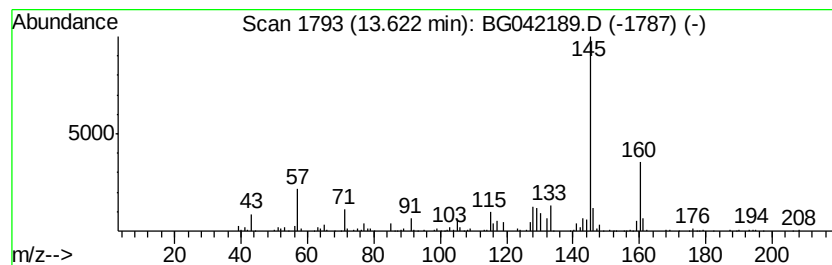
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Naphthalene, 1,2,3,4-tetra... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	9.24 ng/ul	428126	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
4		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

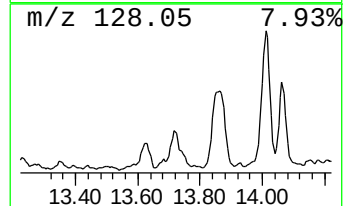
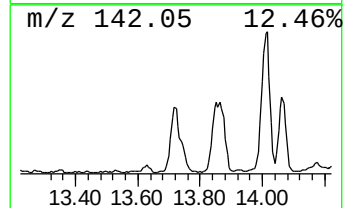
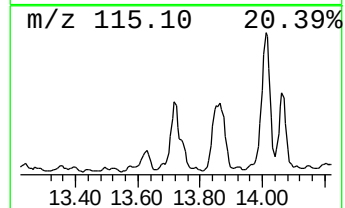
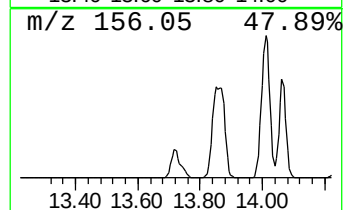
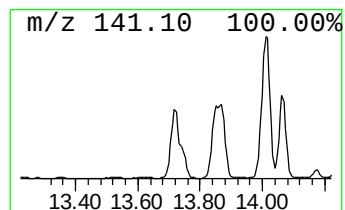
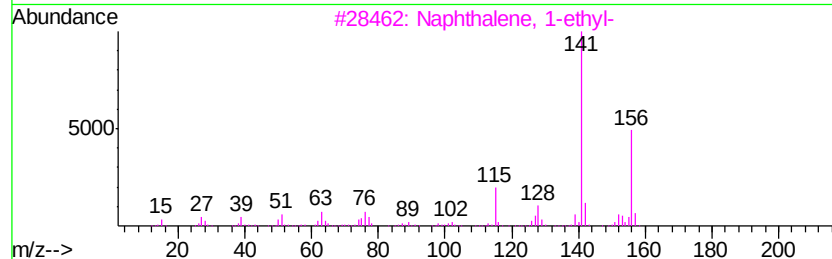
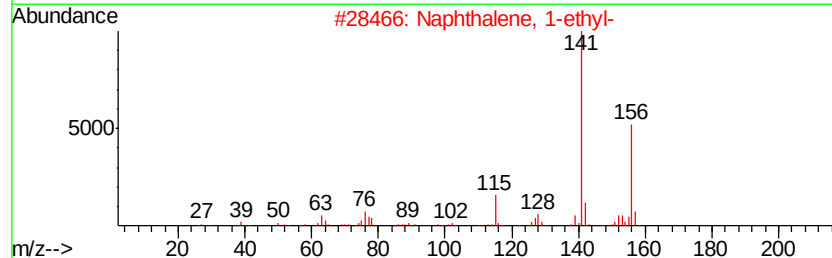
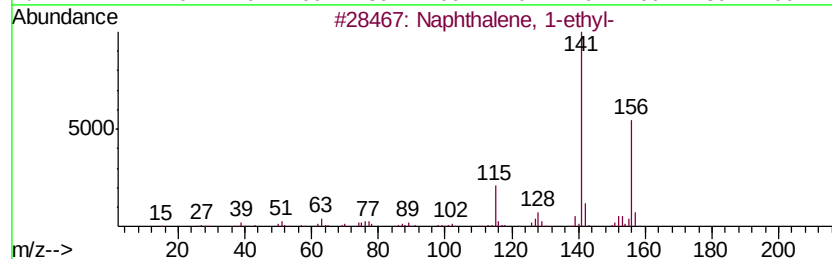
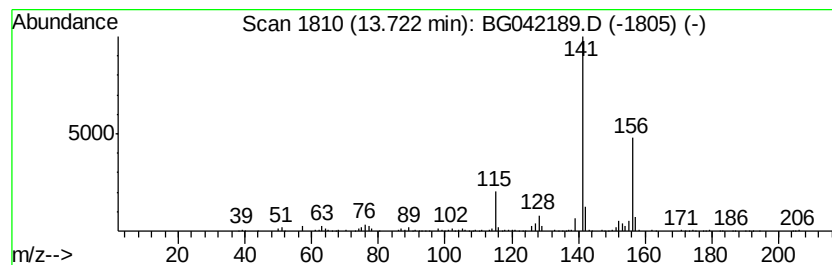
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 1-ethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	8.46 ng/ul	391833	Acenaphthene-d10	14.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
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Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

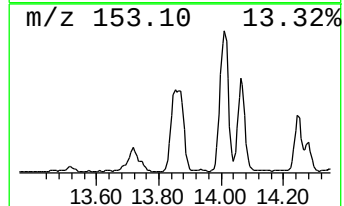
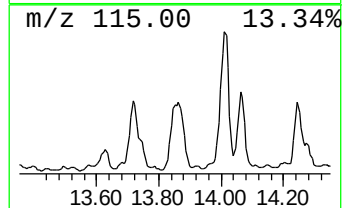
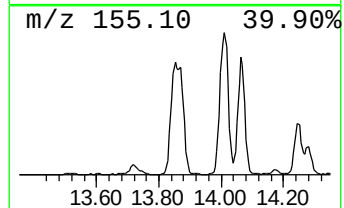
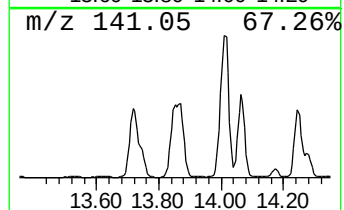
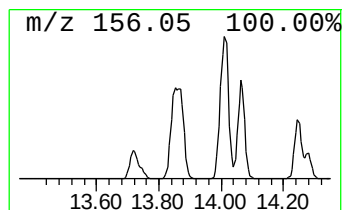
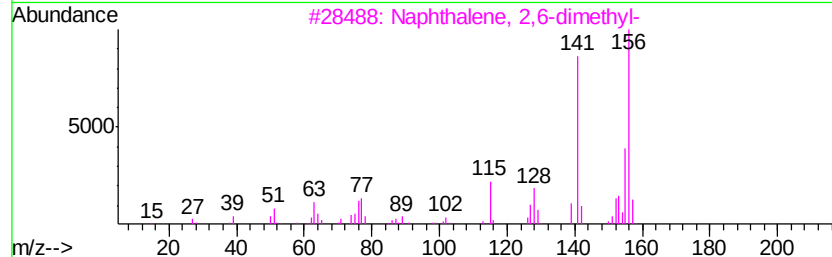
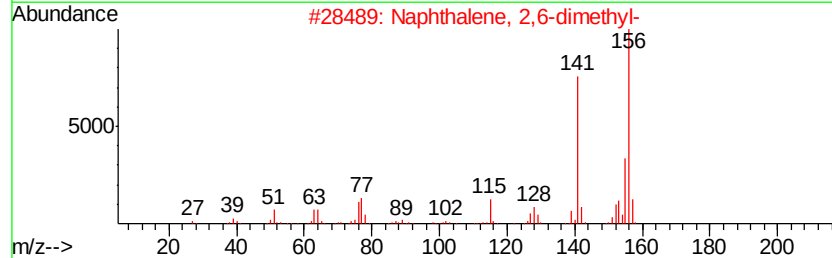
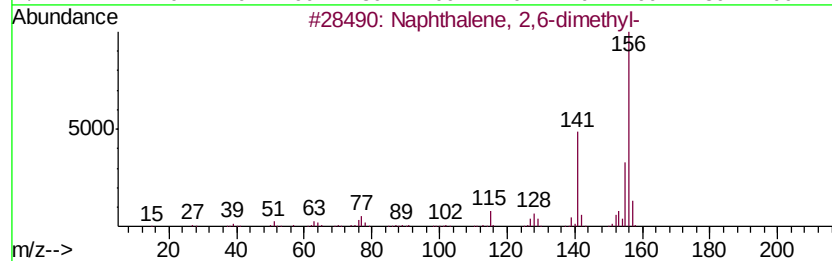
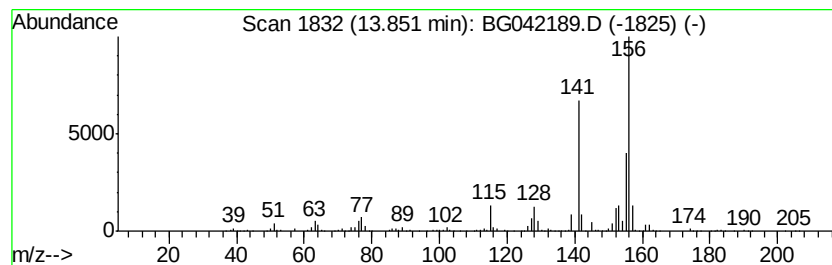
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 2,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	24.21 ng/ul	1121770	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
ETOB5

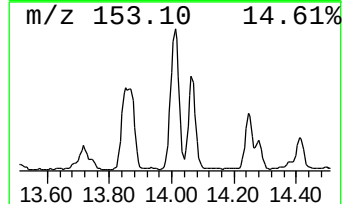
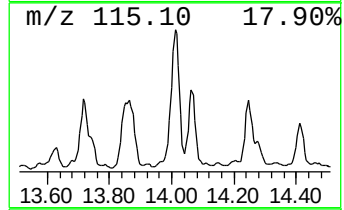
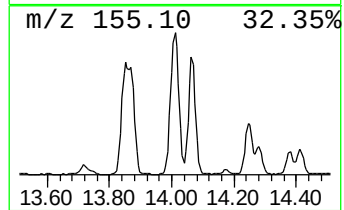
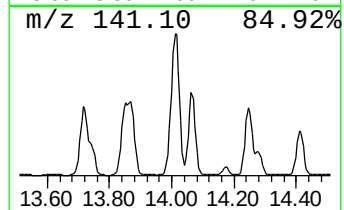
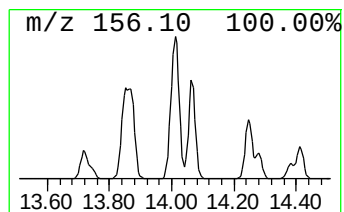
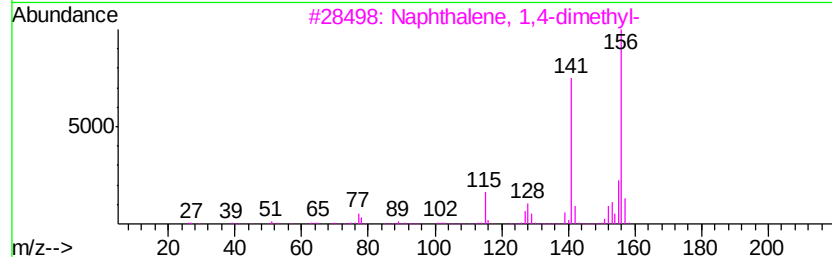
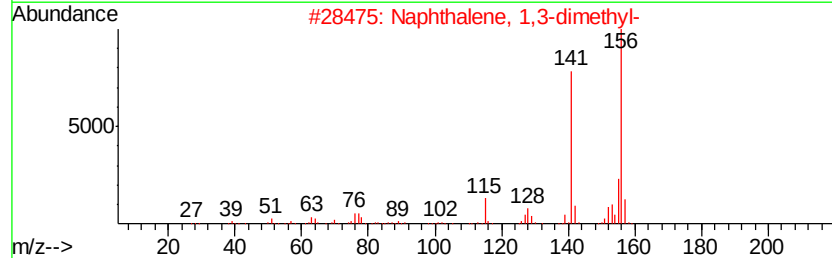
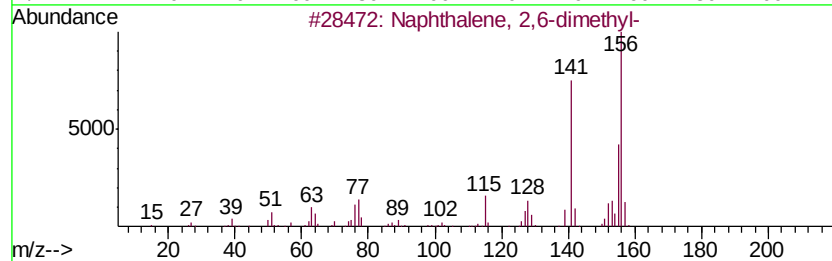
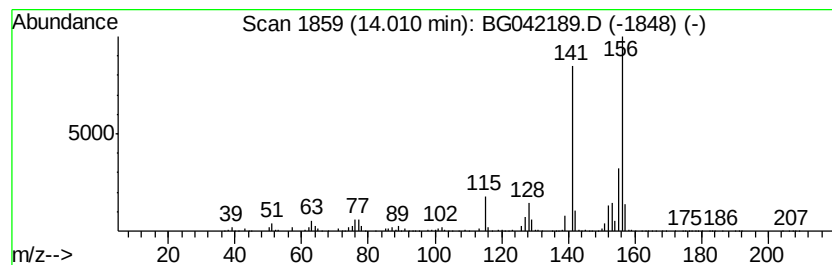
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	53.65 ng/ul	2486200	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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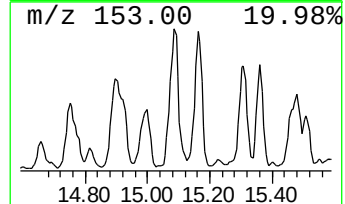
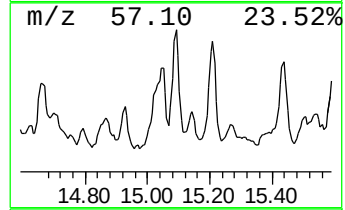
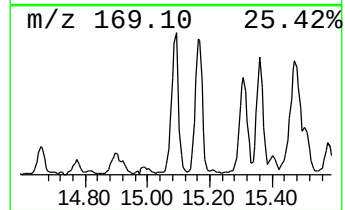
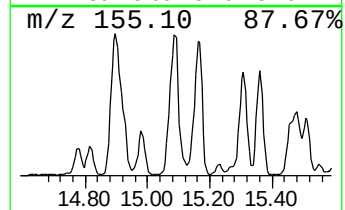
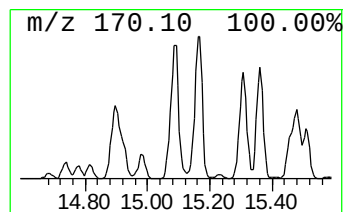
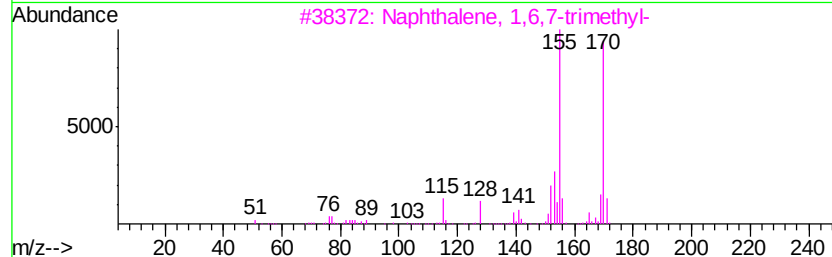
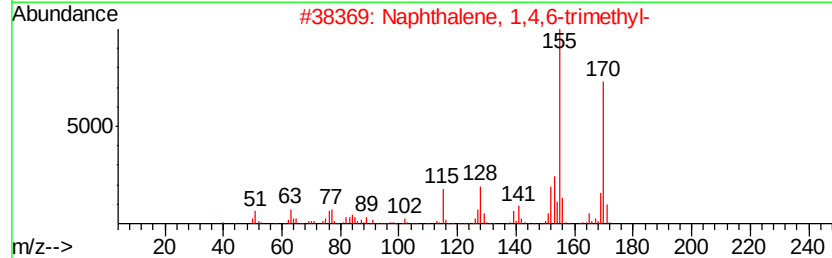
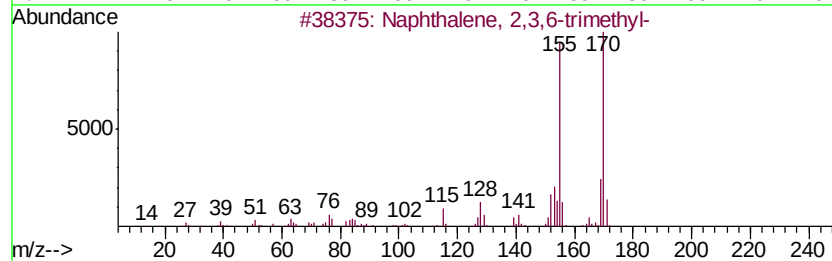
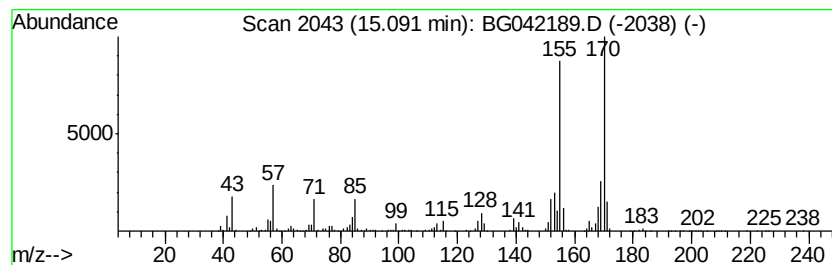
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	27.10 ng/ul	1255840	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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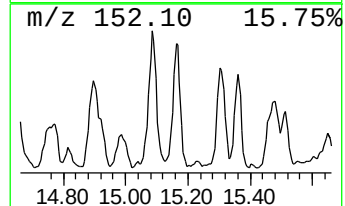
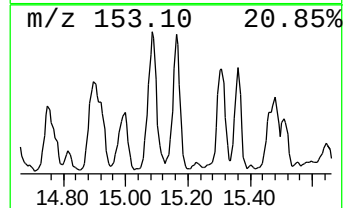
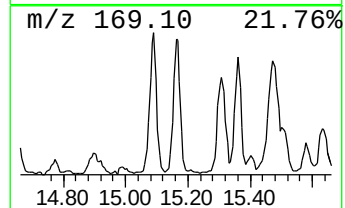
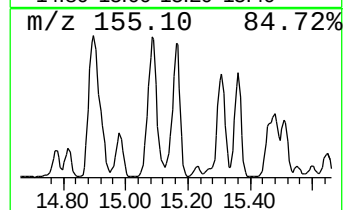
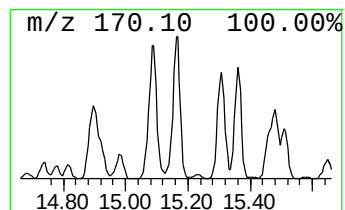
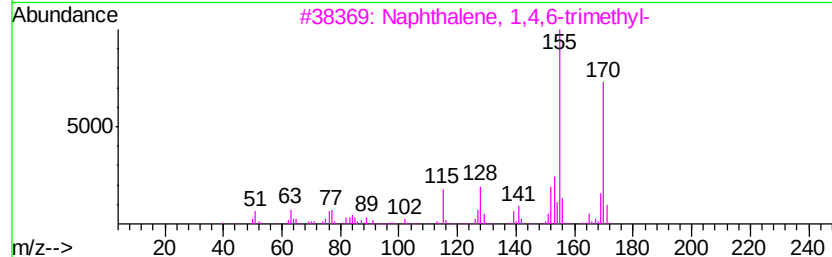
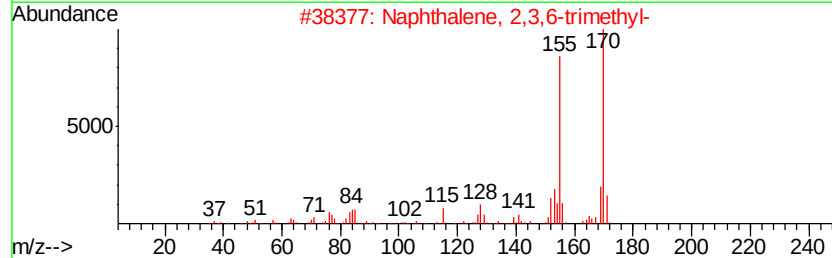
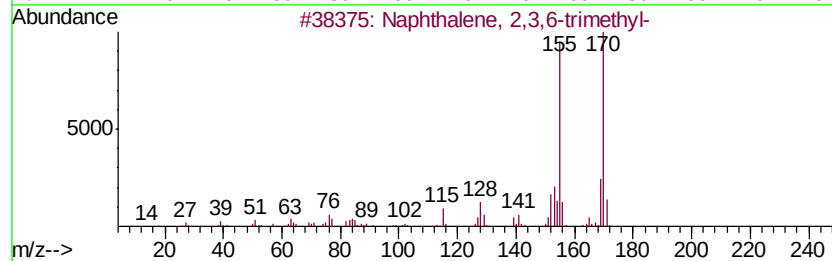
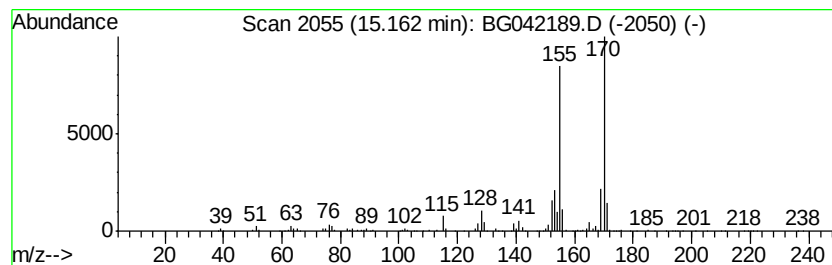
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	19.35 ng/ul	896712	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
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Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
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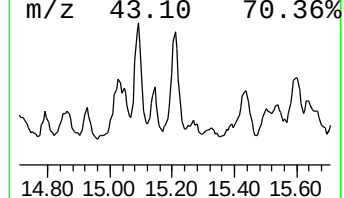
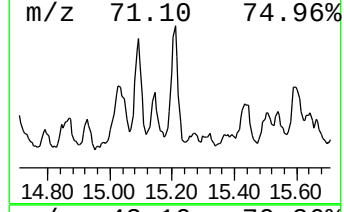
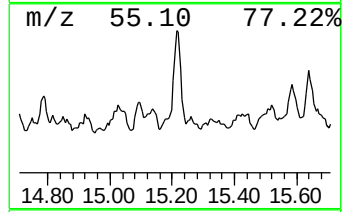
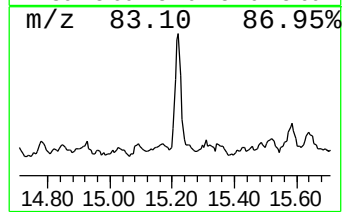
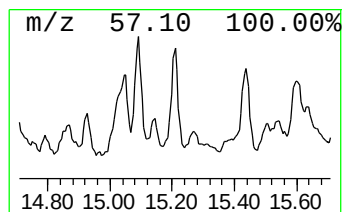
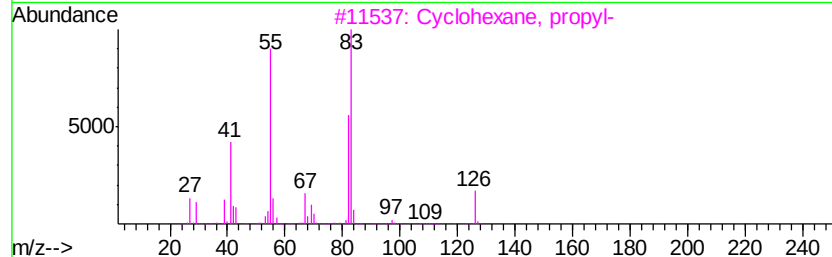
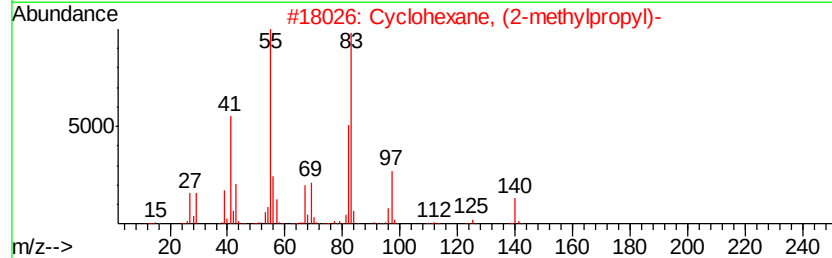
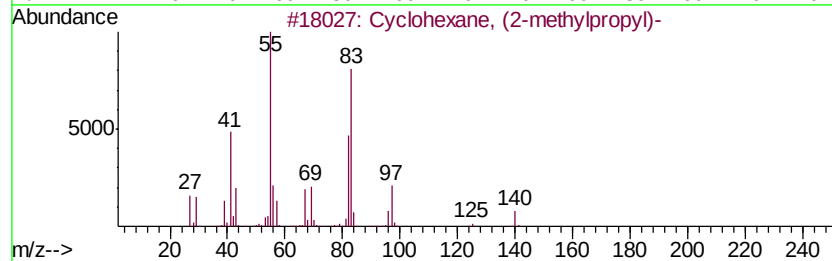
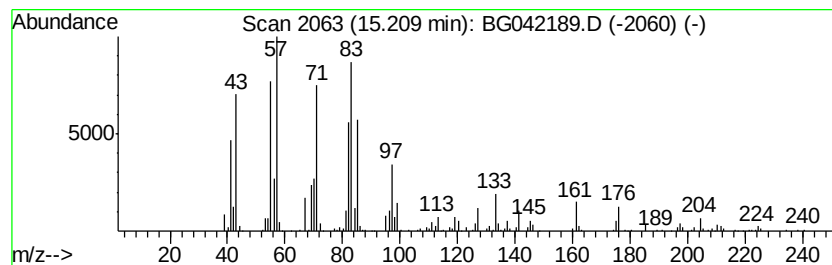
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic15.21 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	13.15 ng/ul	609285	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	46
4		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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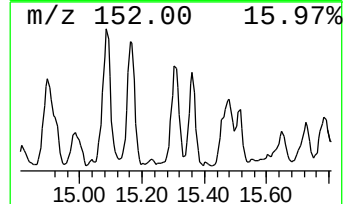
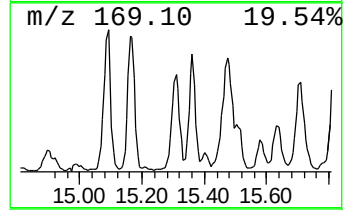
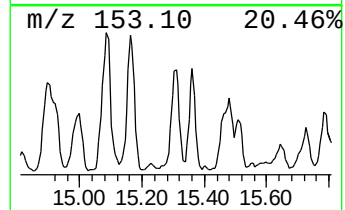
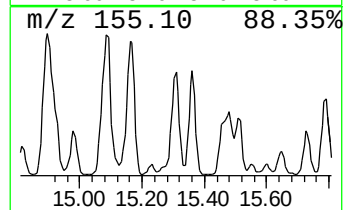
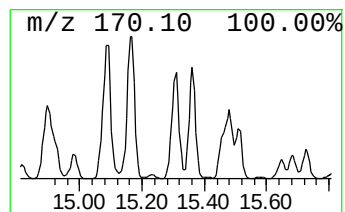
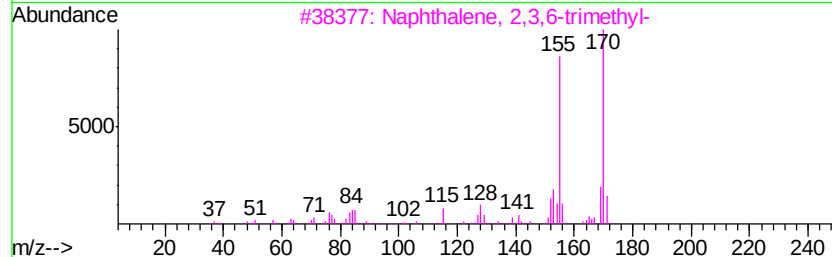
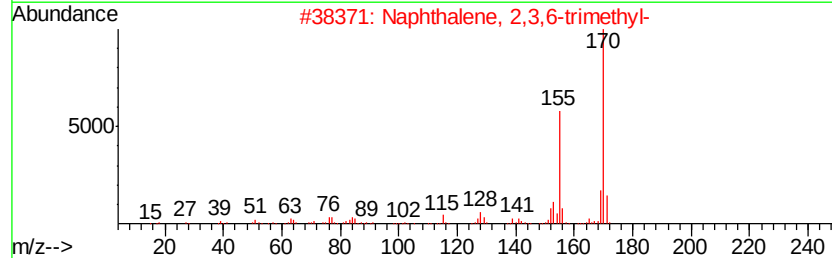
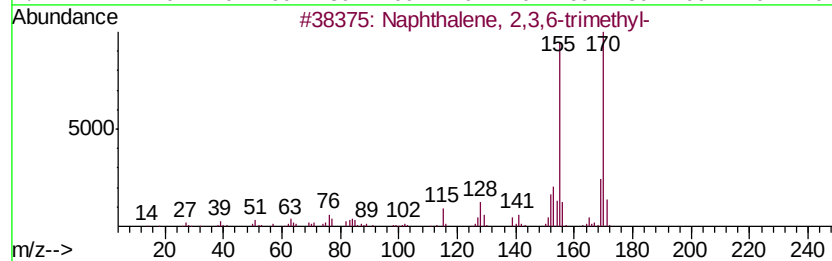
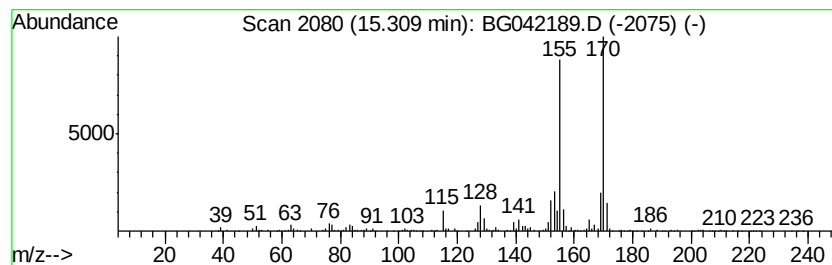
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	17.21 ng/ul	797358	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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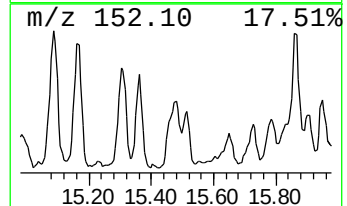
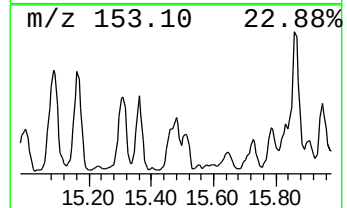
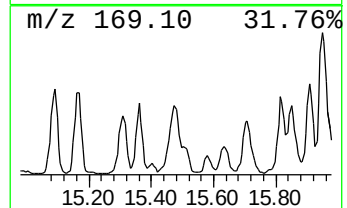
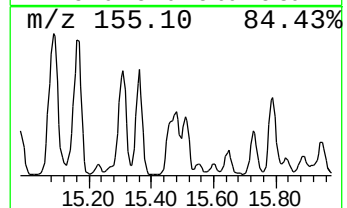
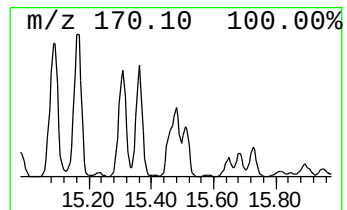
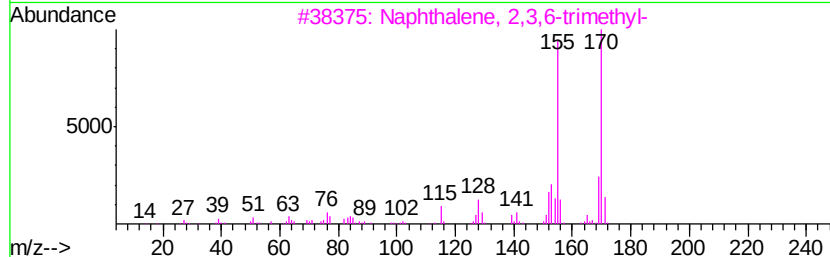
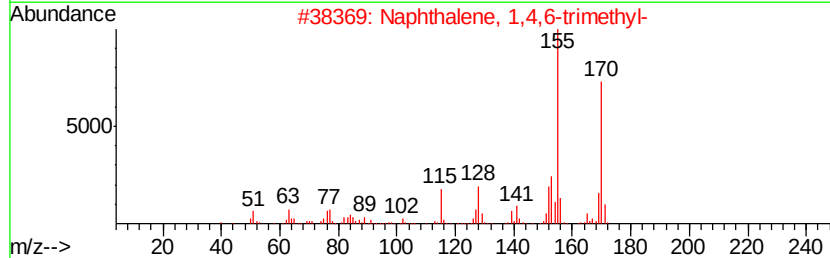
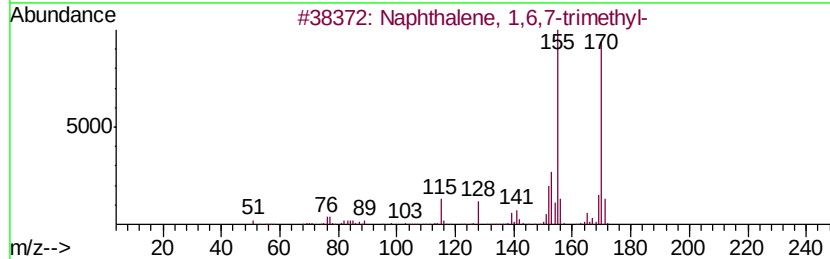
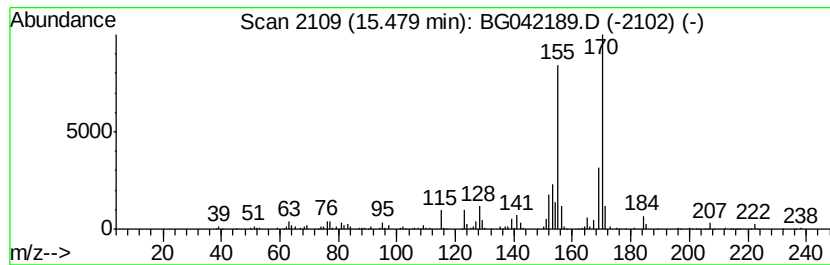
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Naphthalene, 1,4,5-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	12.59 ng/ul	583642	Acenaphthene-d10	14.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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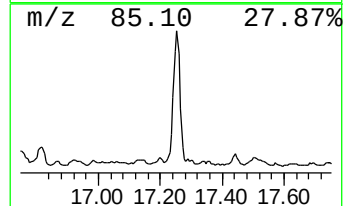
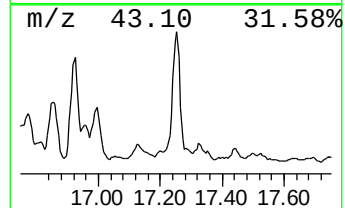
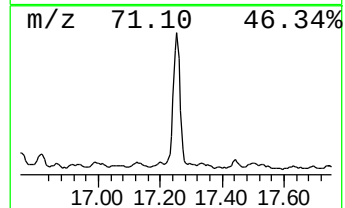
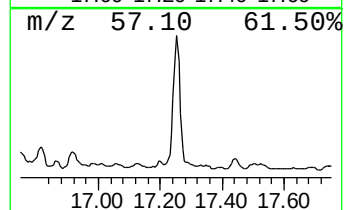
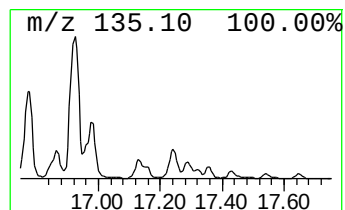
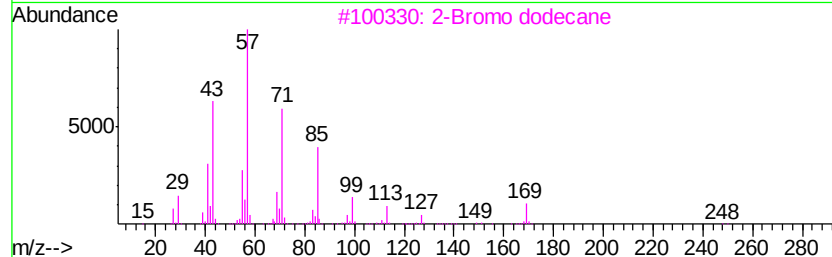
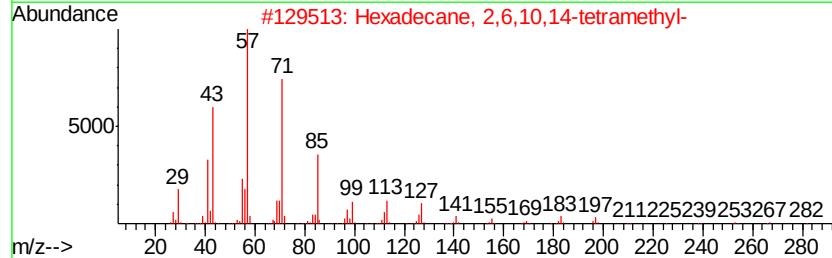
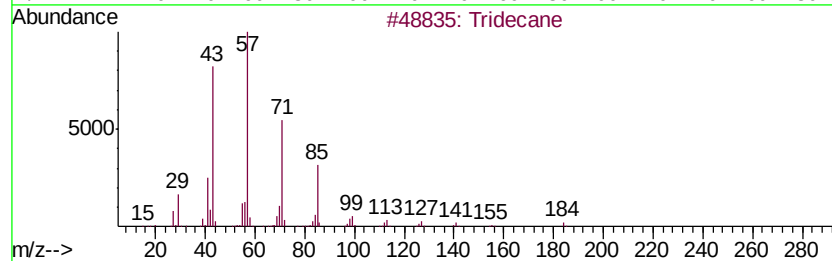
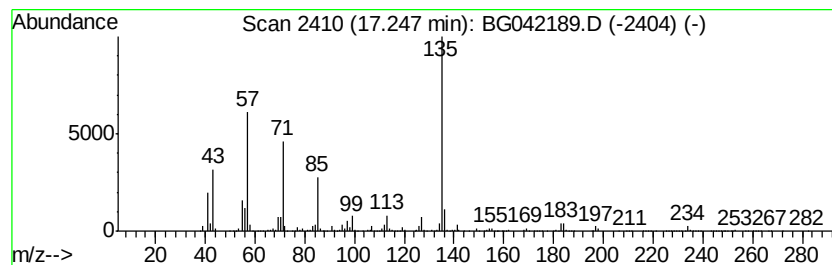
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	44.05 ng/ul	2334780	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	64
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	60
4		Tridecane	184	C13H28	000629-50-5	60
5		Tridecane	184	C13H28	000629-50-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042189.D
Acq On : 13 Aug 2019 20:24
Operator : HP/JU
Sample : K4215-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB5

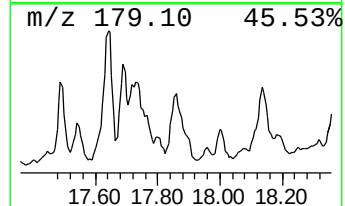
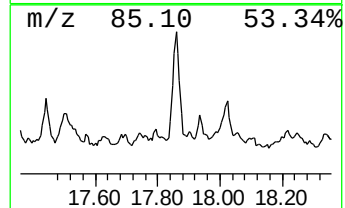
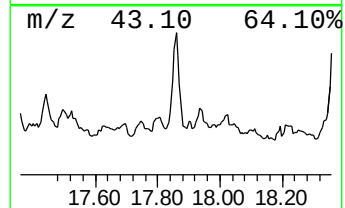
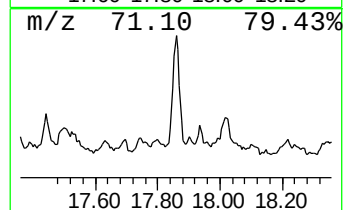
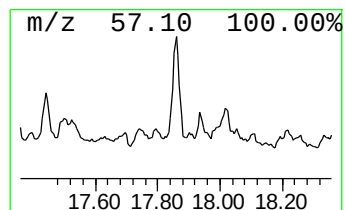
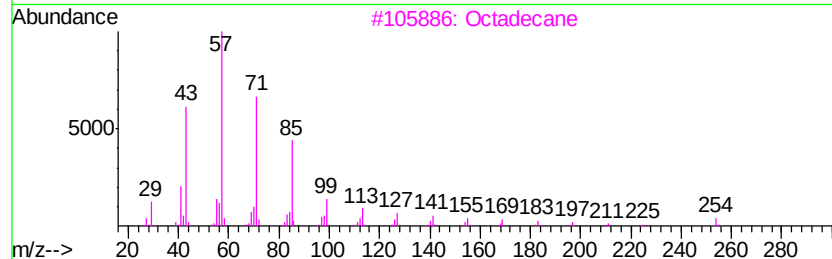
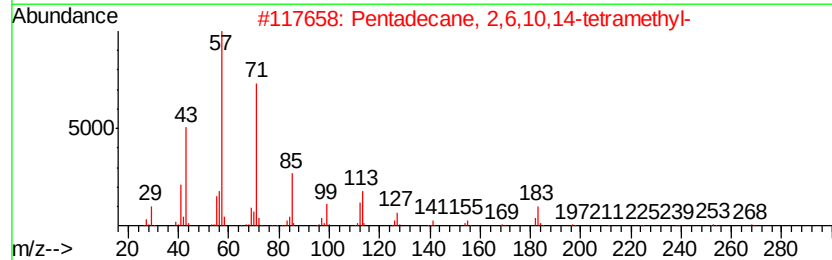
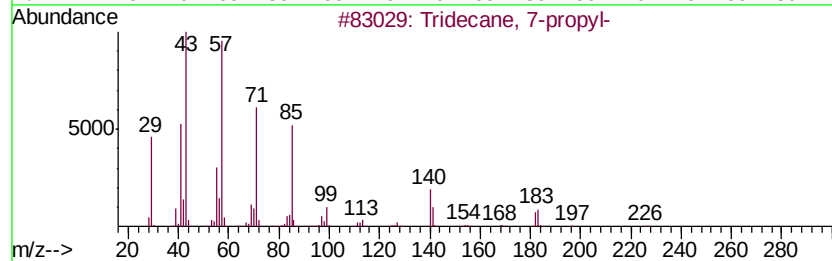
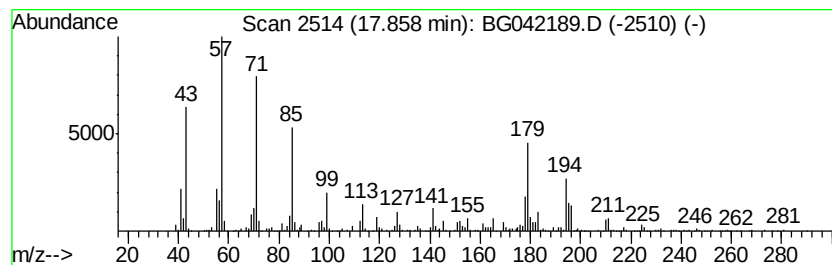
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	8.39 ng/ul	444613	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	70
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	66
3		Octadecane	254	C18H38	000593-45-3	53
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	53
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
 Data File : BG042189.D
 Acq On : 13 Aug 2019 20:24
 Operator : HP/JU
 Sample : K4215-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	33.3	ng/ul	2157190	1	8.03	1294800	20.0
(DEL) Alkane: Str...	7.01	5.3	ng/ul	340571	1	8.03	1294800	20.0
Benzene, 1,2,3-tr...	7.68	6.8	ng/ul	437824	1	8.03	1294800	20.0
unknown-01	7.95	5.7	ng/ul	367417	1	8.03	1294800	20.0
(DEL) Alkane: Str...	8.29	6.7	ng/ul	435674	1	8.03	1294800	20.0
(DEL) Alkane: Cyc...	8.32	7.1	ng/ul	457232	1	8.03	1294800	20.0
(DEL) Alkane: Str...	8.58	14.1	ng/ul	914241	1	8.03	1294800	20.0
Benzene, 1,2-diet...	8.68	5.3	ng/ul	341352	1	8.03	1294800	20.0
unknown-02	9.25	5.3	ng/ul	342403	1	8.03	1294800	20.0
unknown-03	9.40	6.7	ng/ul	434414	1	8.03	1294800	20.0
Benzene, 1,2,3,4-...	9.67	9.0	ng/ul	494149	2	10.85	1092790	20.0
Benzene, 1,2,4,5-...	9.73	8.5	ng/ul	463413	2	10.85	1092790	20.0
Naphthalene, deca...	10.03	7.4	ng/ul	404862	2	10.85	1092790	20.0
unknown-04	10.20	6.0	ng/ul	326828	2	10.85	1092790	20.0
Benzene, (2-methy...	10.25	6.9	ng/ul	377036	2	10.85	1092790	20.0
(DEL) Alkane: Cyc...	11.57	7.2	ng/ul	395057	2	10.85	1092790	20.0
1H-Indene, 2,3-di...	11.77	5.8	ng/ul	314761	2	10.85	1092790	20.0
Sulfurous acid, 2...	11.88	14.0	ng/ul	763063	2	10.85	1092790	20.0
Naphthalene, 1-me...	12.73	29.5	ng/ul	1609620	2	10.85	1092790	20.0
(DEL) Alkane: Str...	13.23	21.0	ng/ul	971118	3	14.69	926844	20.0
Naphthalene, 1,2,...	13.62	9.2	ng/ul	428126	3	14.69	926844	20.0
Naphthalene, 1-et...	13.72	8.5	ng/ul	391833	3	14.69	926844	20.0
Naphthalene, 2,6-...	13.85	24.2	ng/ul	1121770	3	14.69	926844	20.0
Naphthalene, 1,3-...	14.01	53.6	ng/ul	2486200	3	14.69	926844	20.0
Naphthalene, 2,3,...	15.09	27.1	ng/ul	1255840	3	14.69	926844	20.0
Naphthalene, 1,4,...	15.16	19.4	ng/ul	896712	3	14.69	926844	20.0
(DEL) Alkane: Cyc...	15.21	13.2	ng/ul	609285	3	14.69	926844	20.0
Naphthalene, 1,6,...	15.31	17.2	ng/ul	797358	3	14.69	926844	20.0
Naphthalene, 1,4,...	15.48	12.6	ng/ul	583642	3	14.69	926844	20.0
(DEL) Alkane: Str...	17.25	44.0	ng/ul	2334780	4	17.45	1060020	20.0
(DEL) Alkane: Str...	17.86	8.4	ng/ul	444613	4	17.45	1060020	20.0