

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051512.D
 Acq On : 14 Dec 2021 20:43
 Operator : CG/JU
 Sample : M5013-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT0

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: BG051512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.233	290	297	306	rBV	58577	102633	0.21%	0.068%
2	7.254	630	641	649	rBV6	51568	151140	0.31%	0.101%
3	7.359	651	659	663	rBV	100112	163214	0.34%	0.109%
4	7.412	663	668	675	rVB2	104429	198065	0.41%	0.132%
5	7.495	675	682	689	rVB	130886	215384	0.44%	0.144%
6	7.588	691	698	702	rBV	127734	228772	0.47%	0.152%
7	7.806	724	735	742	rBV2	176747	384167	0.79%	0.256%
8	7.929	748	756	763	rVB	249308	414319	0.85%	0.276%
9	8.282	808	816	821	rBV	143221	249886	0.51%	0.167%
10	8.423	831	840	848	rVB2	416774	755123	1.55%	0.503%
11	8.664	874	881	889	rBV	272817	486015	1.00%	0.324%
12	8.875	906	917	921	rVV4	67169	206119	0.42%	0.137%
13	8.928	921	926	930	rVV2	84784	155901	0.32%	0.104%
14	8.975	930	934	942	rVB2	169410	287555	0.59%	0.192%
15	9.404	1000	1007	1011	rBV	90359	167337	0.34%	0.112%
16	9.451	1011	1015	1019	rVV	175232	339403	0.70%	0.226%
17	9.486	1019	1021	1027	rVV	116926	172454	0.35%	0.115%
18	9.545	1027	1031	1040	rVB2	65710	115574	0.24%	0.077%
19	9.932	1092	1097	1102	rVV2	94144	168030	0.35%	0.112%
20	9.991	1102	1107	1114	rVB	82243	142800	0.29%	0.095%
21	10.185	1132	1140	1146	rBV	140978	269745	0.55%	0.180%
22	10.244	1146	1150	1156	rVV2	72309	122490	0.25%	0.082%
23	10.361	1156	1170	1179	rVV2	222678	613822	1.26%	0.409%
24	10.479	1185	1190	1192	rVV	208369	336795	0.69%	0.224%
25	10.520	1192	1197	1210	rVV3	394337	1034903	2.13%	0.690%
26	10.667	1213	1222	1228	rVV2	206557	404463	0.83%	0.270%
27	10.737	1228	1234	1244	rVV2	207524	461942	0.95%	0.308%
28	11.049	1279	1287	1291	rBV	81681	162847	0.33%	0.109%
29	11.242	1296	1320	1325	rVV	14000815	48659639	100.00%	32.427%
30	11.313	1325	1332	1340	rVB	409449	679057	1.40%	0.453%
31	11.900	1420	1432	1441	rBV4	51862	132934	0.27%	0.089%
32	12.488	1525	1532	1545	rVB2	116559	215191	0.44%	0.143%
33	12.664	1554	1562	1571	rVB	266875	477098	0.98%	0.318%
34	12.793	1571	1584	1589	rBV	8365045	17275840	35.50%	11.513%
35	12.881	1593	1599	1606	rVV	602239	1121664	2.31%	0.747%
36	12.999	1606	1619	1627	rVB	5268175	10123109	20.80%	6.746%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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

37	13.322	1663	1674	1680	rBV3	118755	245374	0.50%	0.164%
38	13.757	1741	1748	1760	rVB	1673547	2625976	5.40%	1.750%
39	13.880	1760	1769	1775	rBV4	39744	124035	0.25%	0.083%
40	13.950	1775	1781	1791	rVV	513510	966298	1.99%	0.644%
41	14.097	1791	1806	1813	rVV2	514277	1541167	3.17%	1.027%
42	14.238	1823	1830	1836	rVV	768844	1476960	3.04%	0.984%
43	14.303	1836	1841	1848	rVV2	599973	1399973	2.88%	0.933%
44	14.473	1862	1870	1874	rBV	276898	471744	0.97%	0.314%
45	14.509	1874	1876	1881	rVB	110662	136120	0.28%	0.091%
46	14.614	1886	1894	1903	rBV4	922798	1902606	3.91%	1.268%
47	14.697	1903	1908	1916	rVB2	113171	212012	0.44%	0.141%
48	14.890	1935	1941	1943	rBV	348057	508552	1.05%	0.339%
49	14.920	1943	1946	1951	rVV	276552	417317	0.86%	0.278%
50	14.996	1951	1959	1964	rVV	6008853	10894032	22.39%	7.260%
51	15.043	1964	1967	1971	rVV	440004	629127	1.29%	0.419%
52	15.084	1971	1974	1978	rVB2	160549	215871	0.44%	0.144%
53	15.178	1986	1990	1994	rBV	74993	105701	0.22%	0.070%
54	15.225	1994	1998	2007	rVB	182555	318646	0.65%	0.212%
55	15.325	2007	2015	2020	rBV	3571976	6071937	12.48%	4.046%
56	15.384	2020	2025	2029	rVB4	82569	139275	0.29%	0.093%
57	15.531	2040	2050	2054	rVB4	57509	107868	0.22%	0.072%
58	15.695	2071	2078	2081	rBV3	97917	202181	0.42%	0.135%
59	15.830	2096	2101	2105	rVV3	133464	222221	0.46%	0.148%
60	15.907	2105	2114	2118	rVV	554497	966611	1.99%	0.644%
61	15.965	2118	2124	2129	rVV	2802800	4629449	9.51%	3.085%
62	16.006	2129	2131	2135	rVV	189399	231917	0.48%	0.155%
63	16.054	2135	2139	2142	rVV3	98224	190319	0.39%	0.127%
64	16.089	2142	2145	2147	rVV2	139418	201217	0.41%	0.134%
65	16.124	2147	2151	2156	rVV2	257635	420707	0.86%	0.280%
66	16.212	2162	2166	2169	rVV	146750	241187	0.50%	0.161%
67	16.253	2169	2173	2186	rVV	356056	588032	1.21%	0.392%
68	16.400	2192	2198	2210	rVV3	341602	1267677	2.61%	0.845%
69	16.488	2210	2213	2221	rVB	71292	116958	0.24%	0.078%
70	16.629	2229	2237	2245	rBV3	1208532	2208413	4.54%	1.472%
71	16.741	2250	2256	2259	rBV	179691	317779	0.65%	0.212%
72	16.823	2266	2270	2274	rVB5	65833	115791	0.24%	0.077%
73	16.935	2282	2289	2291	rBV2	94023	178727	0.37%	0.119%
74	16.958	2291	2293	2298	rVB	102151	142569	0.29%	0.095%
75	17.158	2322	2327	2337	rVB	98689	173423	0.36%	0.116%
76	17.311	2341	2353	2359	rVB2	545818	1098042	2.26%	0.732%

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77	17.481	2375	2382	2393	rVB	375515	641754	1.32%	0.428%
78	17.663	2408	2413	2416	rVV	389735	687882	1.41%	0.458%
79	17.716	2416	2422	2426	rVV	3346374	5539112	11.38%	3.691%
80	17.763	2426	2430	2440	rVB2	775351	1460780	3.00%	0.973%
81	17.875	2440	2449	2452	rBV4	52749	134649	0.28%	0.090%
82	17.922	2452	2457	2461	rVB	92772	149947	0.31%	0.100%
83	18.063	2474	2481	2487	rBV	1994322	3155025	6.48%	2.103%
84	18.186	2498	2502	2509	rVV4	53342	99996	0.21%	0.067%
85	18.450	2542	2547	2557	rBV4	96341	192825	0.40%	0.129%
86	18.538	2557	2562	2565	rVV	100499	155912	0.32%	0.104%
87	18.579	2565	2569	2578	rVB3	112732	202071	0.42%	0.135%
88	18.732	2586	2595	2606	rBV	187752	375361	0.77%	0.250%
89	18.908	2621	2625	2630	rVV	108347	169105	0.35%	0.113%
90	19.061	2647	2651	2657	rVB	260254	384247	0.79%	0.256%
91	19.331	2692	2697	2701	rBV	71461	115038	0.24%	0.077%
92	19.437	2711	2715	2720	rVB	151986	223353	0.46%	0.149%
93	19.655	2748	2752	2756	rBV3	54567	102002	0.21%	0.068%
94	19.701	2756	2760	2765	rVB	296761	389320	0.80%	0.259%
95	19.936	2795	2800	2805	rVB2	128987	193991	0.40%	0.129%
96	20.036	2810	2817	2826	rVV2	876272	1522213	3.13%	1.014%
97	20.489	2889	2894	2899	rBV	149252	220730	0.45%	0.147%
98	21.981	3142	3148	3163	rVB	417834	870173	1.79%	0.580%
99	25.241	3693	3703	3714	rVB	404475	1184979	2.44%	0.790%
100	25.482	3734	3744	3755	rVB2	222526	668533	1.37%	0.446%

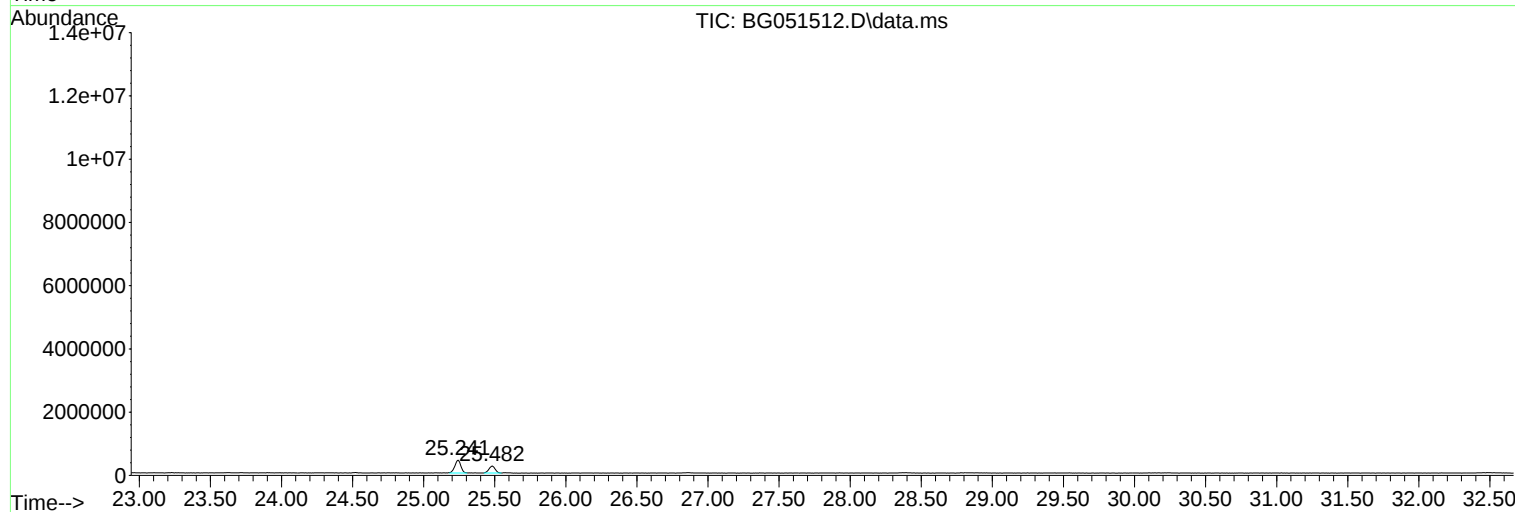
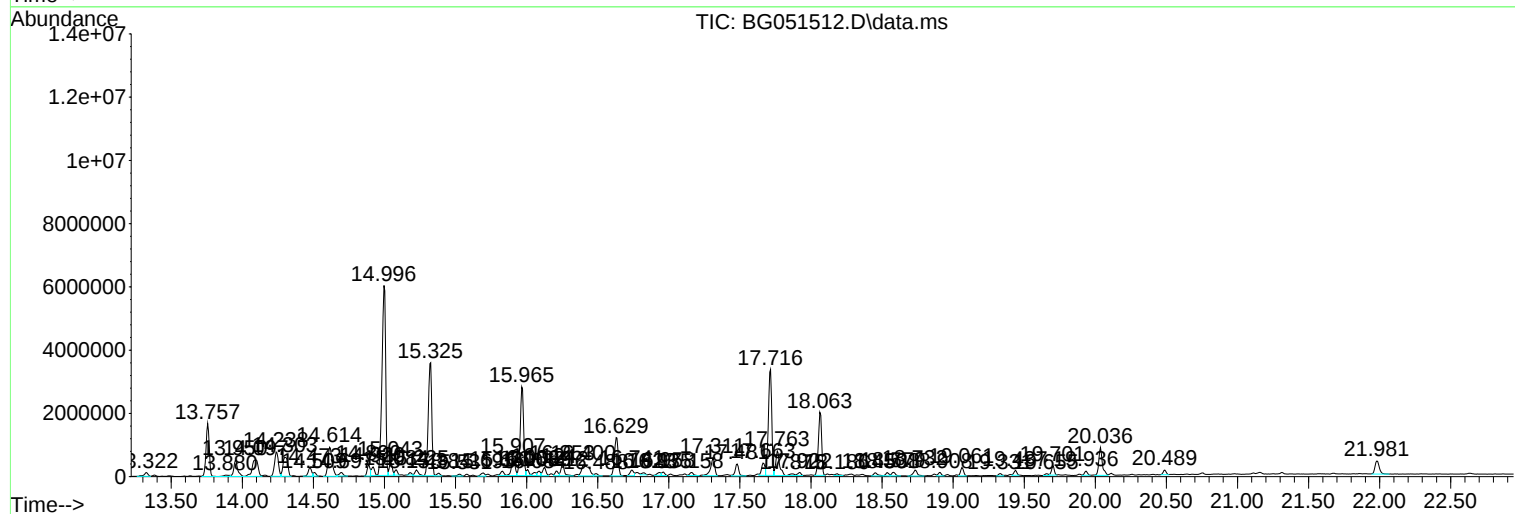
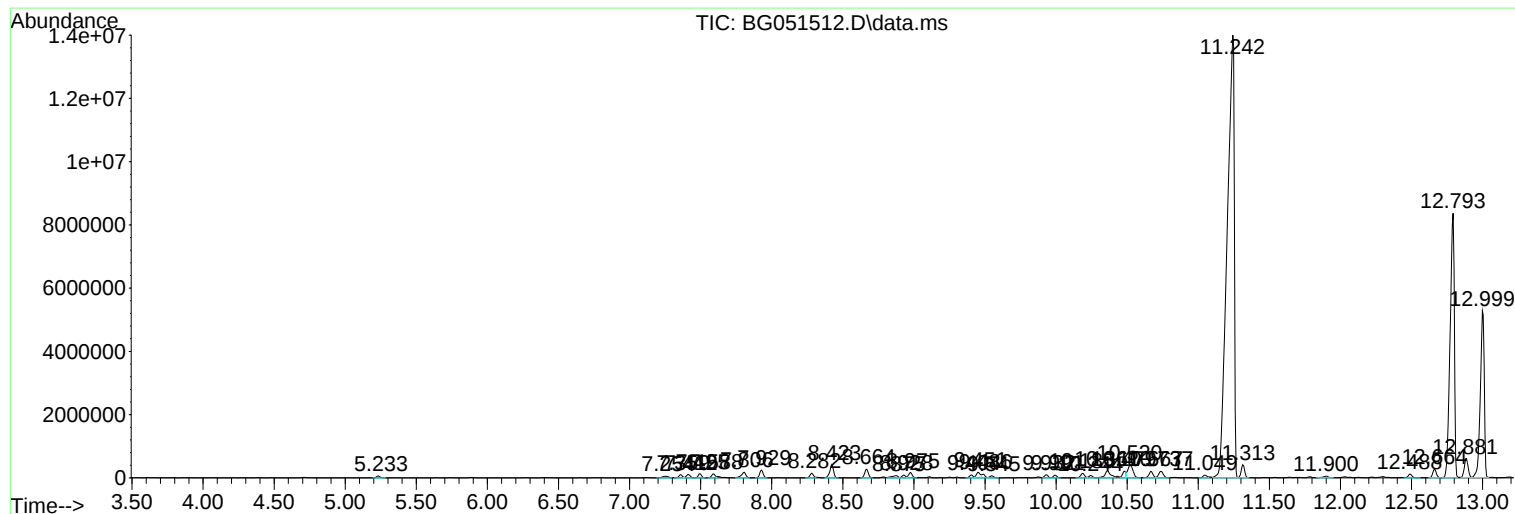
Sum of corrected areas: 150058239

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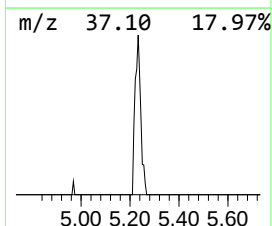
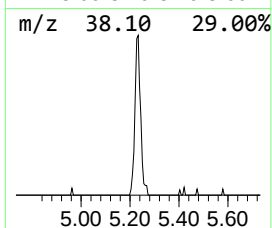
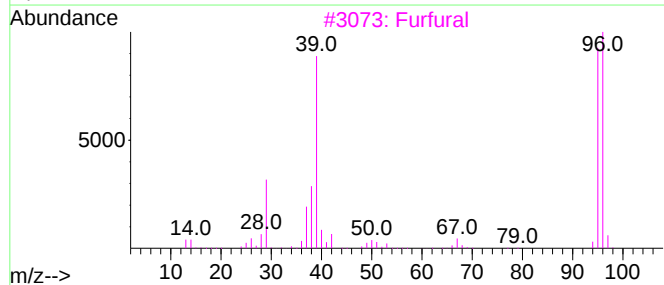
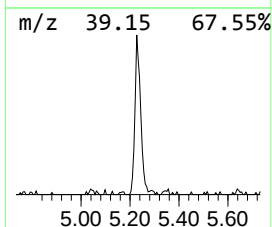
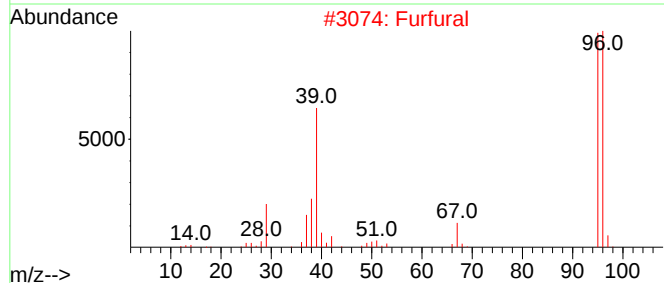
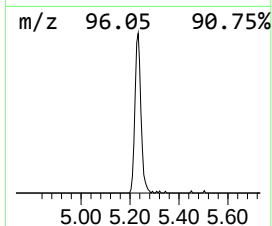
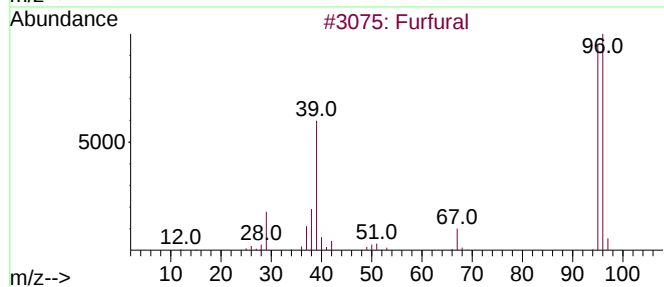
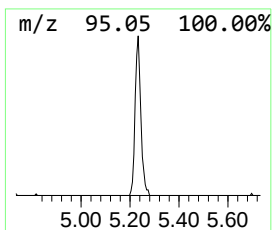
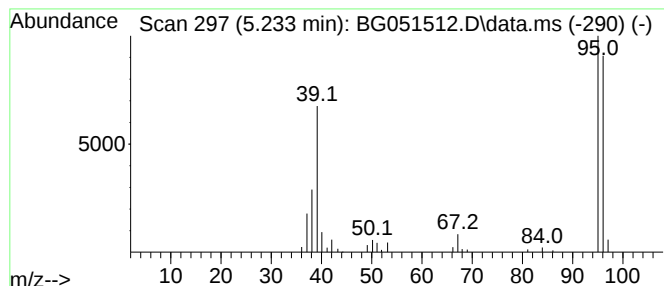
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Furfural Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.233	8.21 ng/ul	102633	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	91
2	Furfural			96	C5H4O2	000098-01-1	91
3	Furfural			96	C5H4O2	000098-01-1	87
4	3-Furaldehyde			96	C5H4O2	000498-60-2	83
5	Furfural			96	C5H4O2	000098-01-1	52



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ALS Vial : 10 Sample Multiplier: 1

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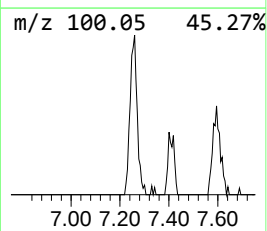
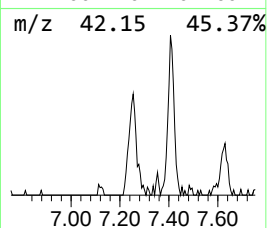
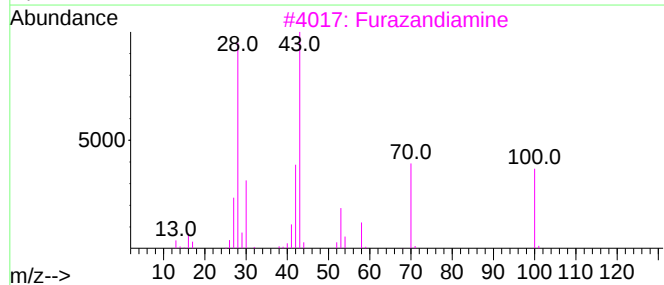
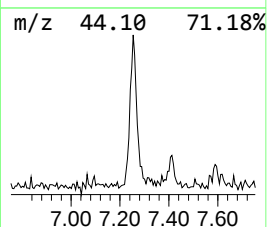
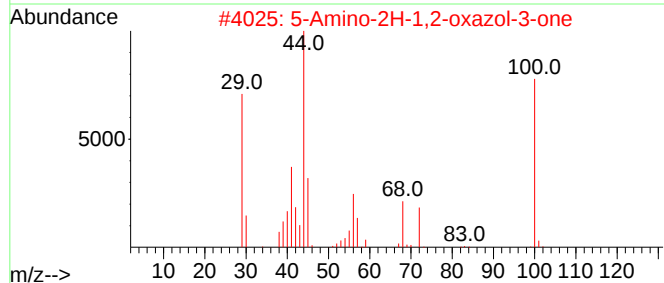
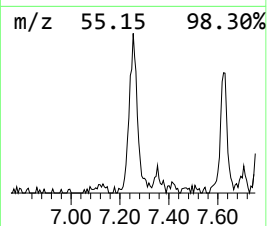
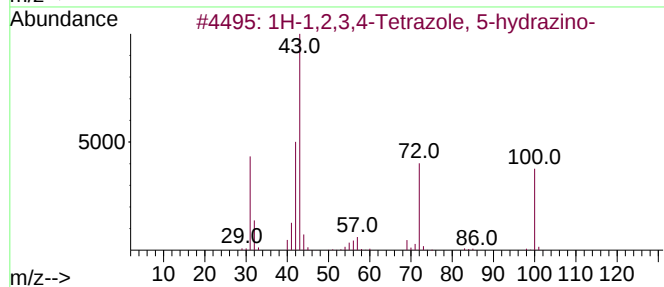
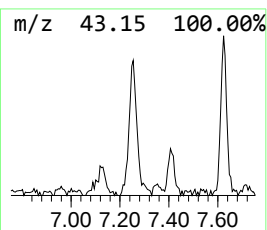
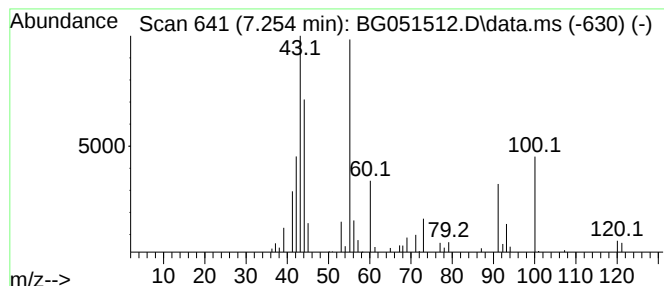
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.254	12.10 ng/ul	151140	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,3,4-Tetrazole, 5-hydrazino-	100	CH4N6	1000337-72-7	35		
2	5-Amino-2H-1,2-oxazol-3-one	100	C3H4N2O2	000822-63-9	35		
3	Furazandiamine	100	C2H4N4O	017220-38-1	27		
4	2-Piperazinone	100	C4H8N2O	005625-67-2	25		
5	1-Amino-3-methoxypropan-1-ol	105	C4H11NO2	1000435-44-9	23		



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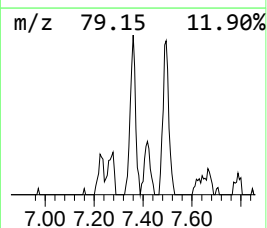
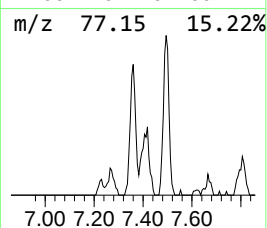
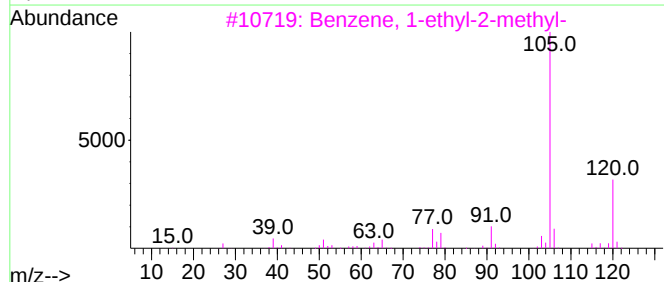
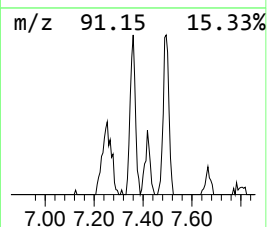
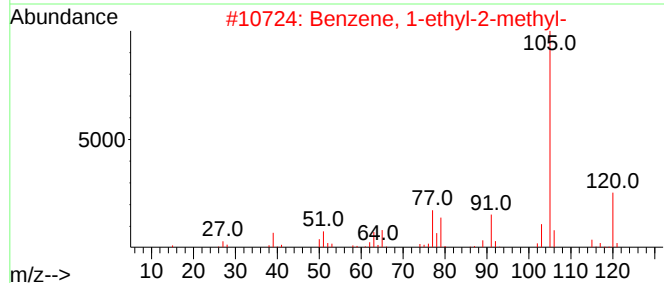
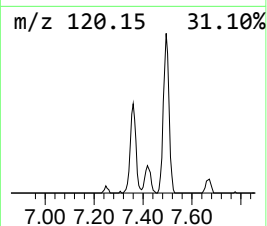
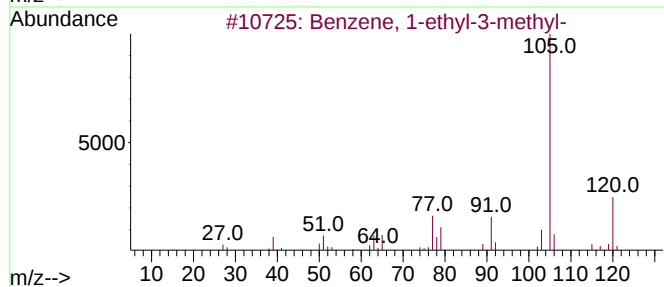
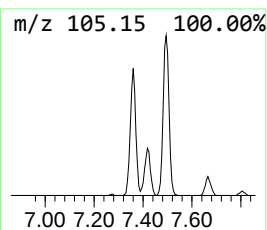
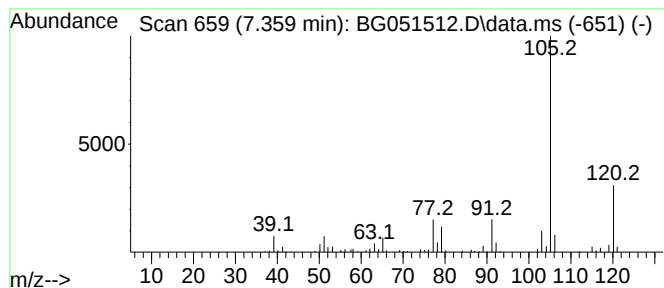
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.359	13.06 ng/ul	163214	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT0

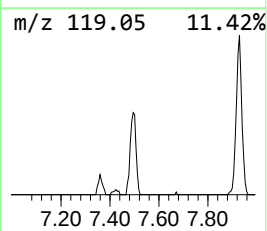
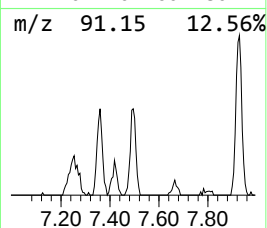
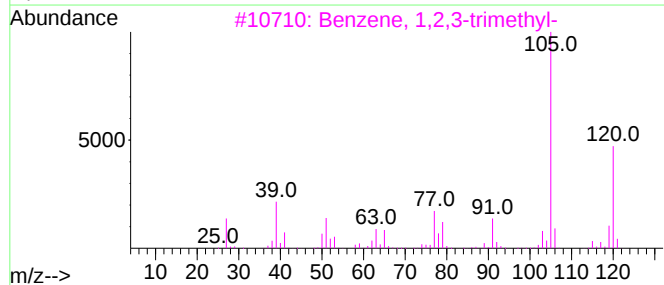
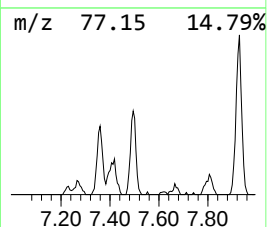
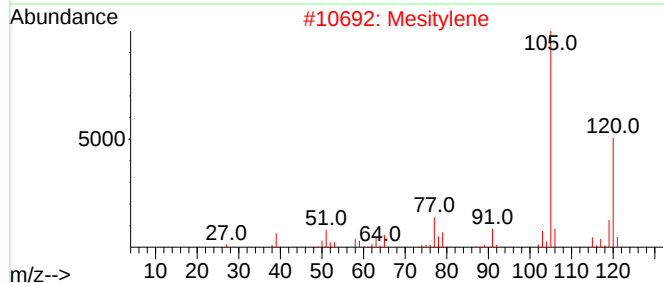
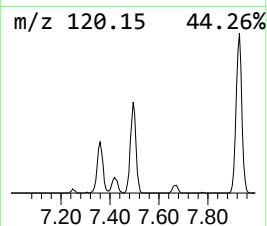
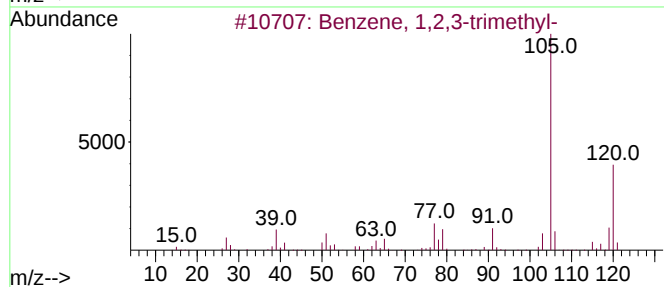
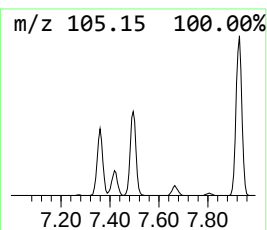
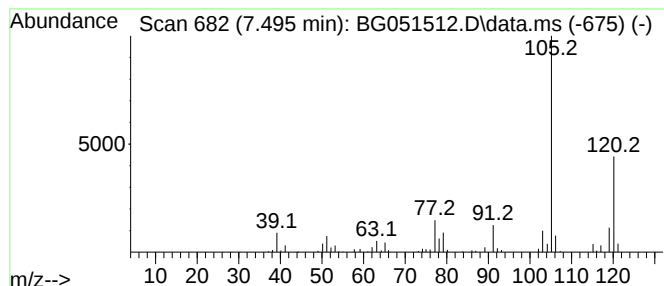
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.495	17.24 ng/ul	215384	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
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Instrument :
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ClientSampleId :
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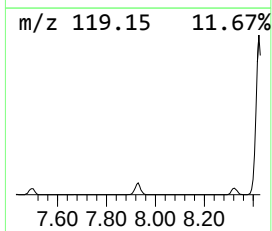
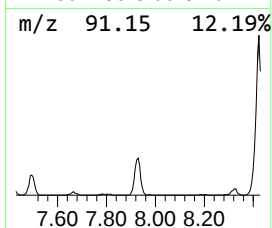
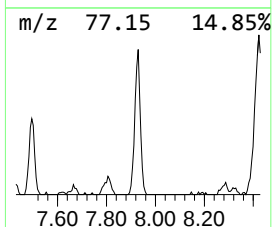
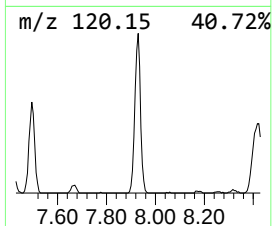
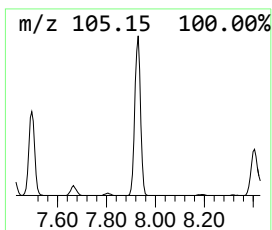
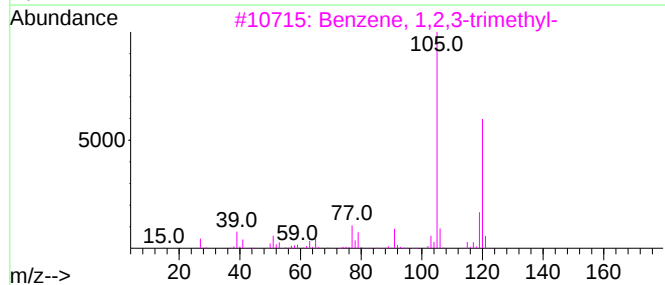
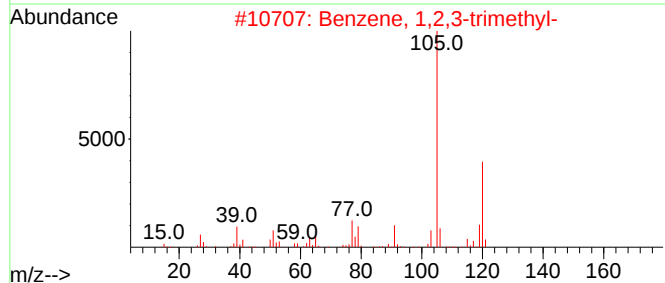
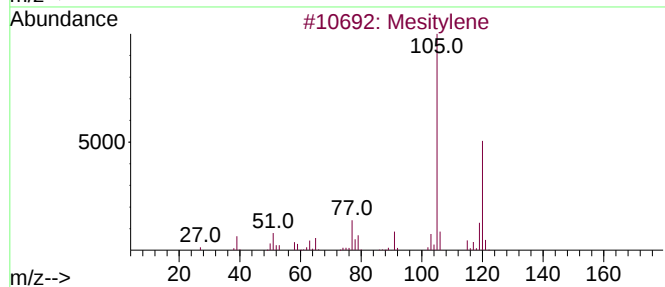
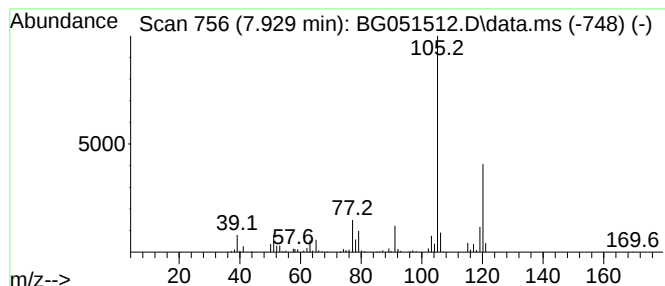
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.929	33.16 ng/ul	414319	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5			Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
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Instrument :
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ClientSampleId :
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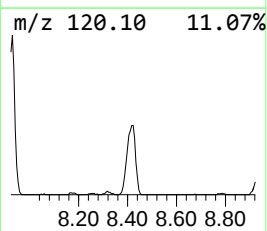
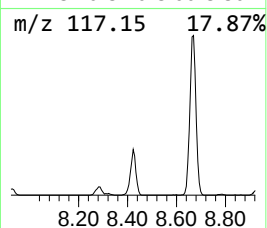
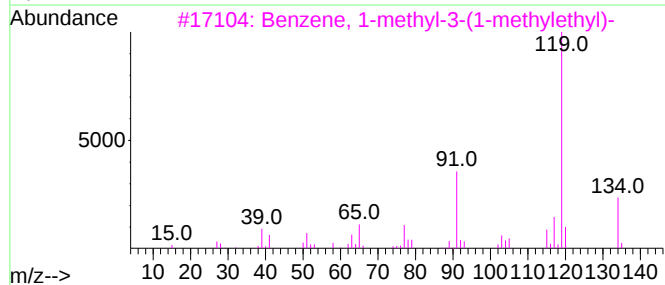
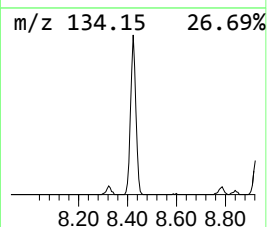
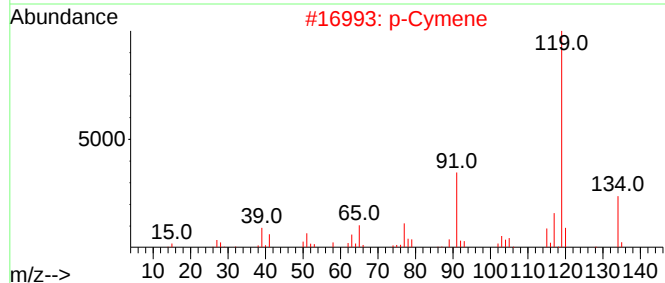
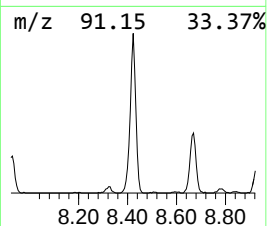
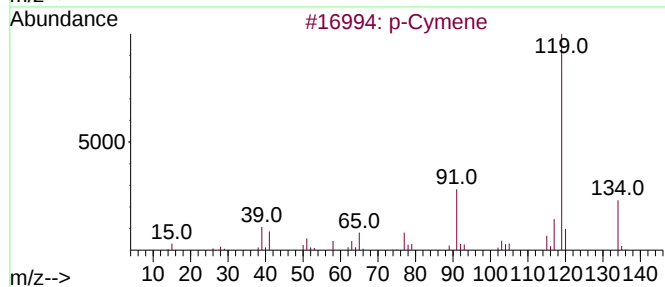
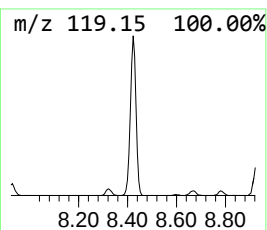
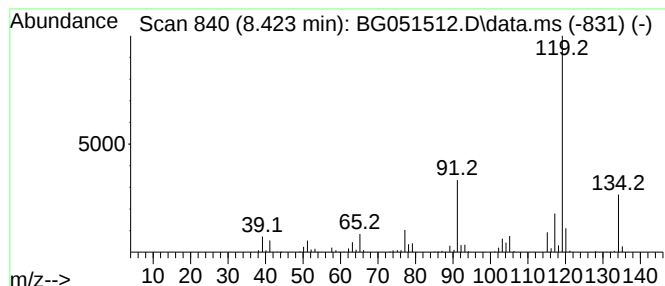
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.423	60.44 ng/ul	755123	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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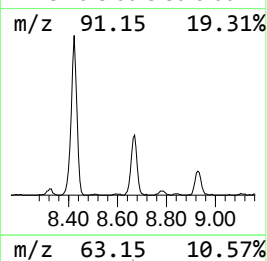
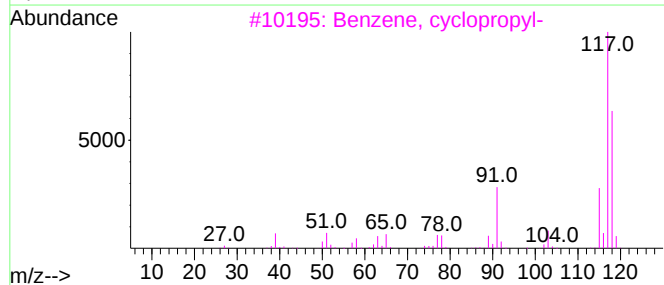
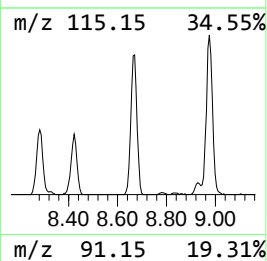
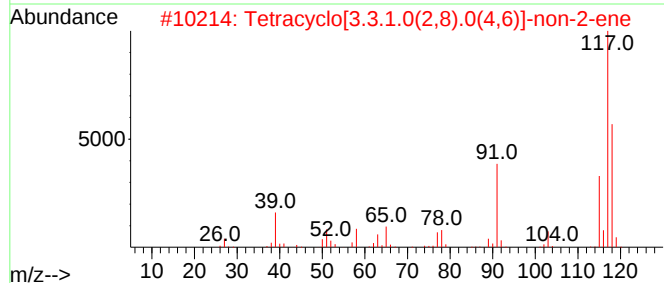
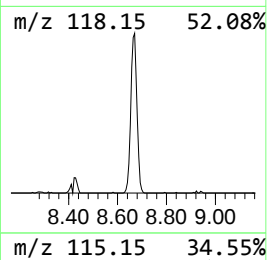
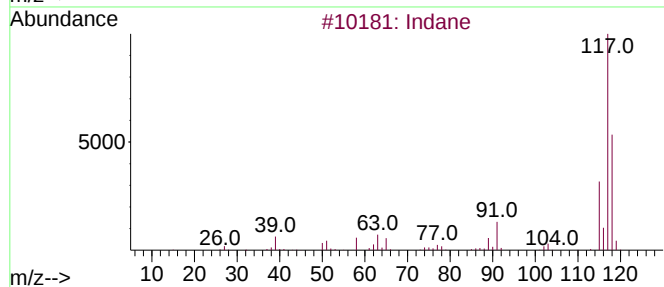
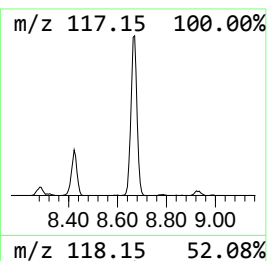
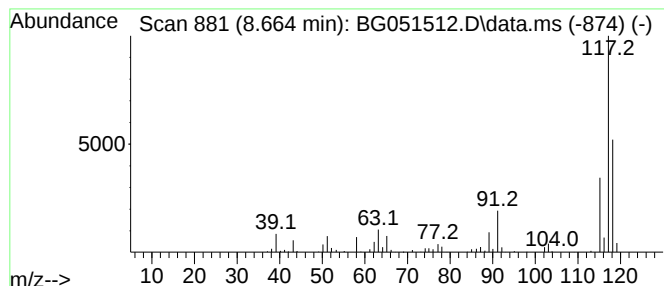
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.664	38.90 ng/ul	486015	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4			Indane	118	C9H10	000496-11-7	64
5			Indane	118	C9H10	000496-11-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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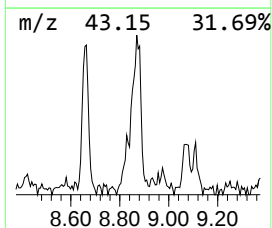
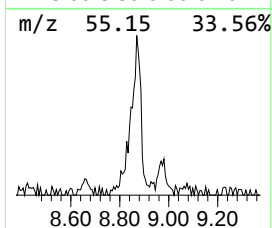
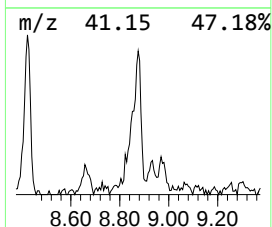
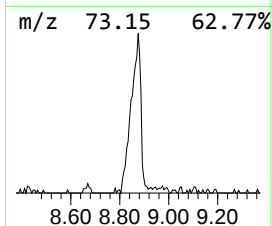
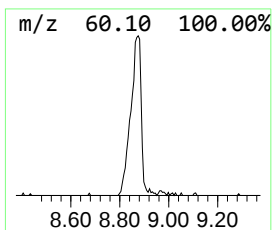
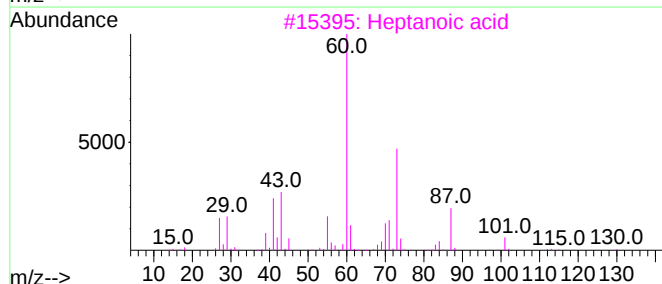
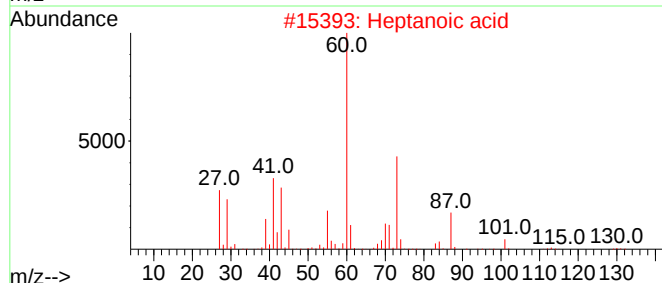
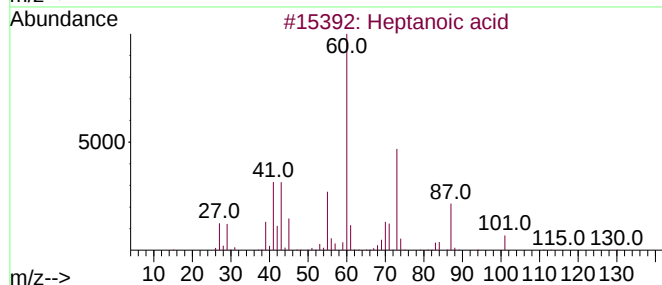
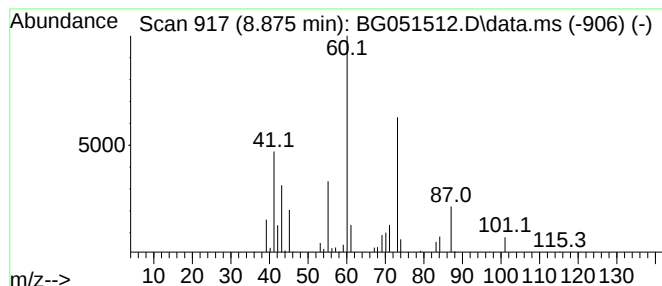
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Heptanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	16.50 ng/ul	206119	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanoic acid	130	C7H14O2	000111-14-8	90
2			Heptanoic acid	130	C7H14O2	000111-14-8	83
3			Heptanoic acid	130	C7H14O2	000111-14-8	83
4			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
5			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
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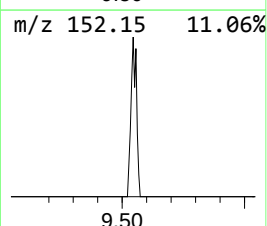
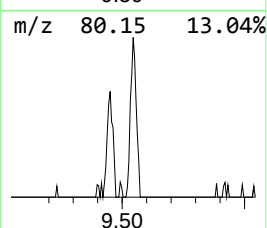
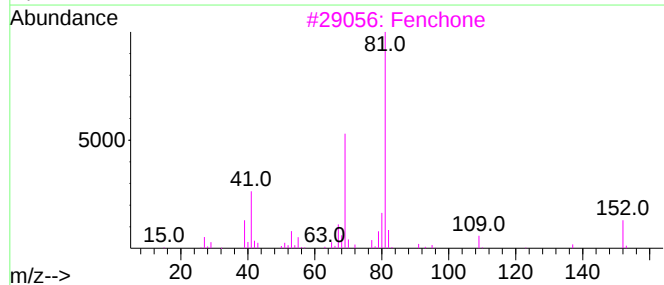
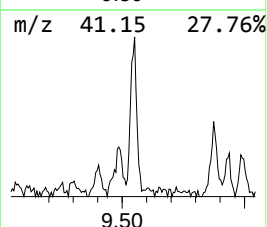
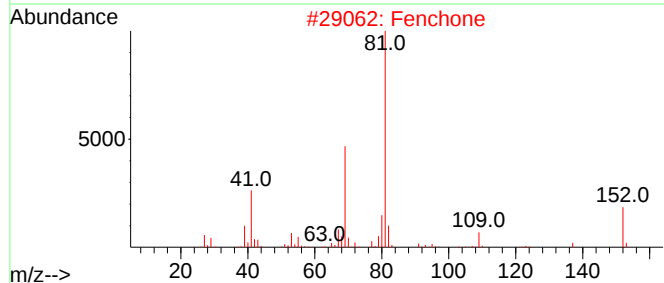
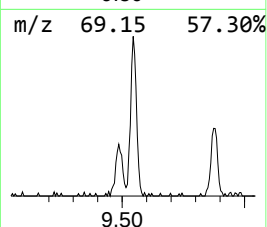
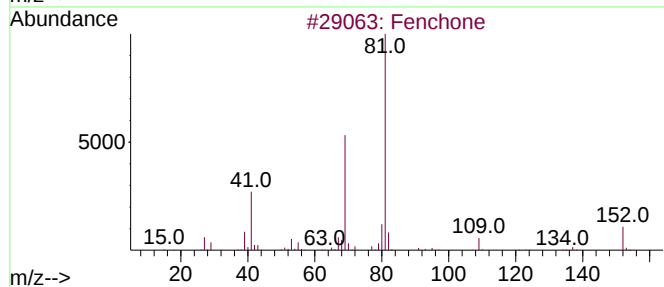
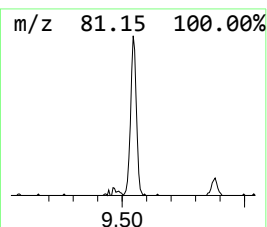
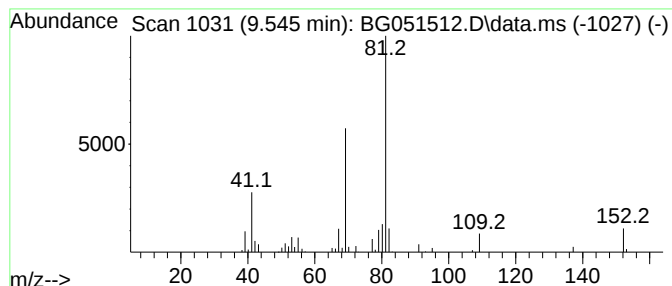
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Fenchone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	9.25 ng/ul	115574	1,4-Dichlorobenzene-d4	8.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchone	152	C10H16O	001195-79-5	90
2			Fenchone	152	C10H16O	001195-79-5	90
3			Fenchone	152	C10H16O	001195-79-5	87
4			L-Fenchone	152	C10H16O	007787-20-4	87
5			D-Fenchone	152	C10H16O	004695-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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Acq On : 14 Dec 2021 20:43
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Instrument :
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ClientSampleId :
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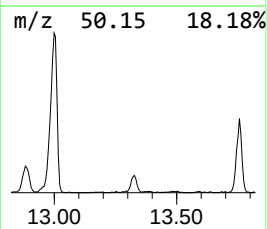
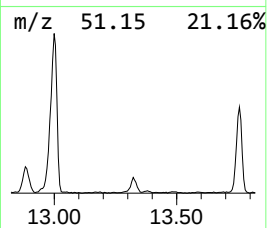
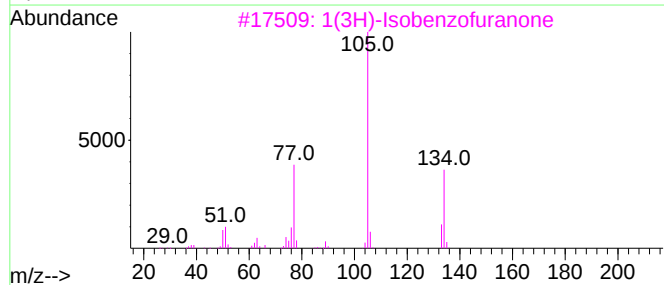
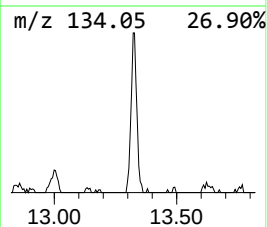
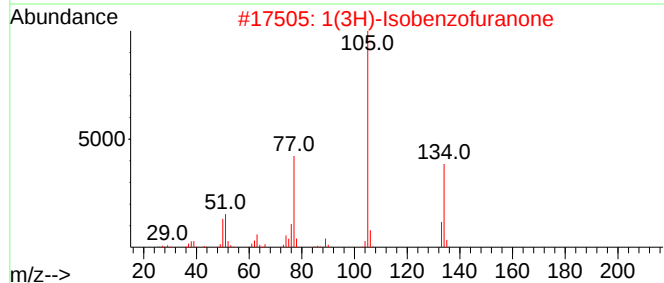
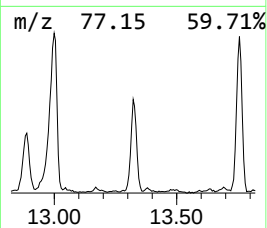
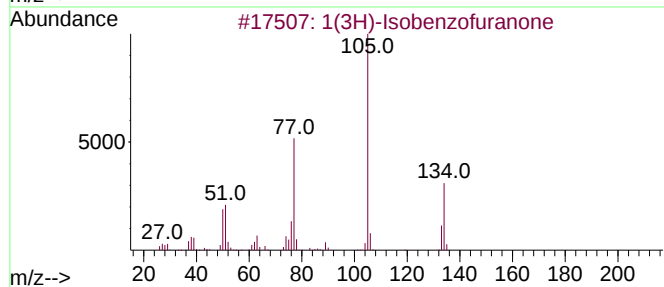
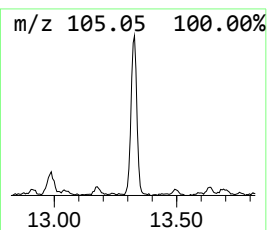
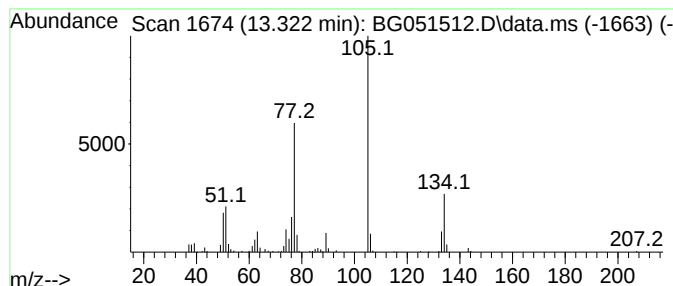
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1(3H)-Isobenzofuranone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	11.76 ng/ul	245374	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone			134	C8H6O2	000087-41-2	95
2	1(3H)-Isobenzofuranone			134	C8H6O2	000087-41-2	94
3	1(3H)-Isobenzofuranone			134	C8H6O2	000087-41-2	91
4	1(3H)-Isobenzofuranone			134	C8H6O2	000087-41-2	90
5	1(3H)-Isobenzofuranone			134	C8H6O2	000087-41-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT0

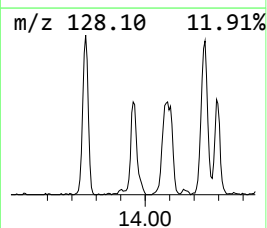
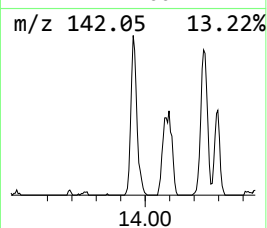
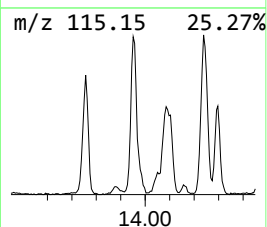
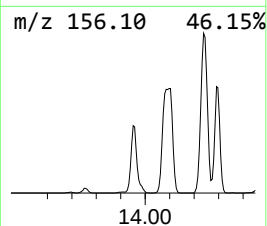
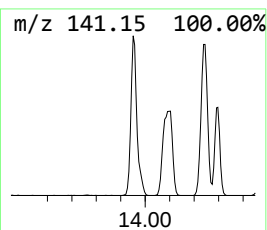
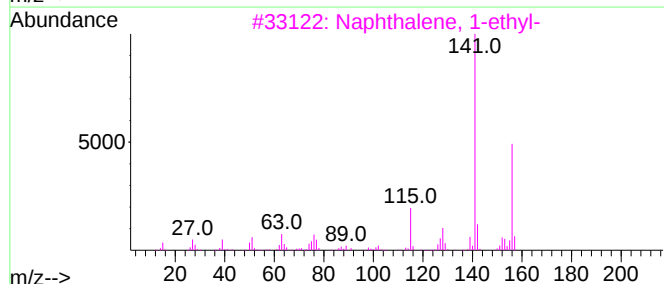
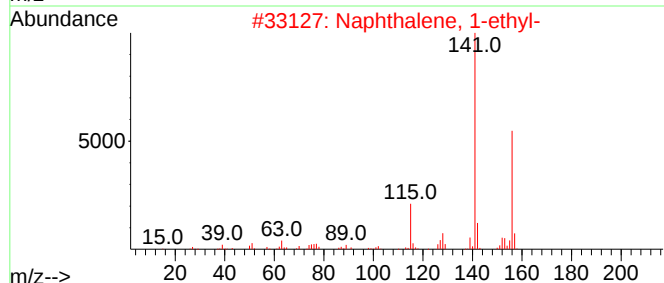
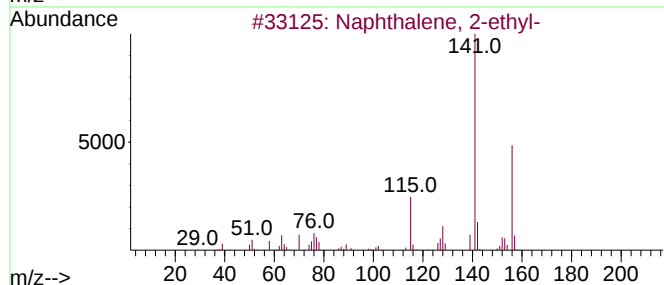
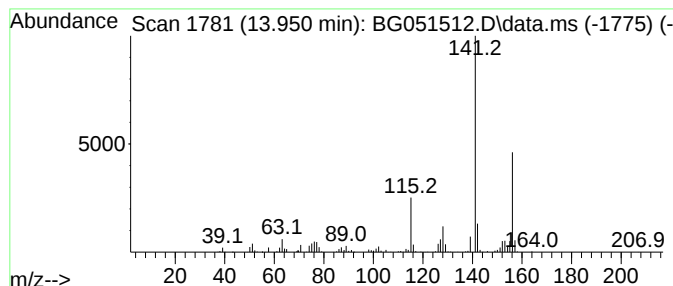
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	46.31 ng/ul	966298	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT0

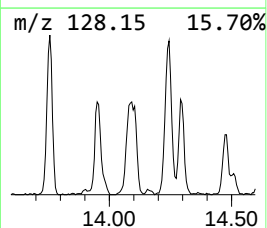
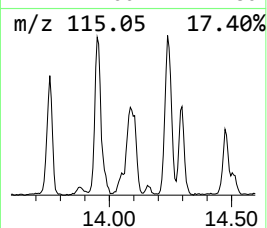
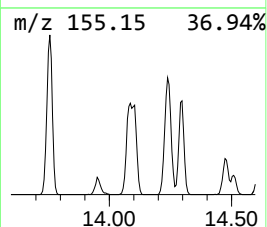
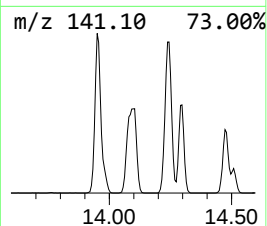
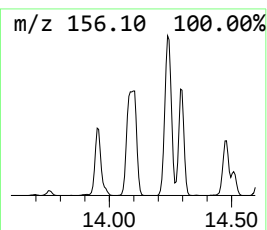
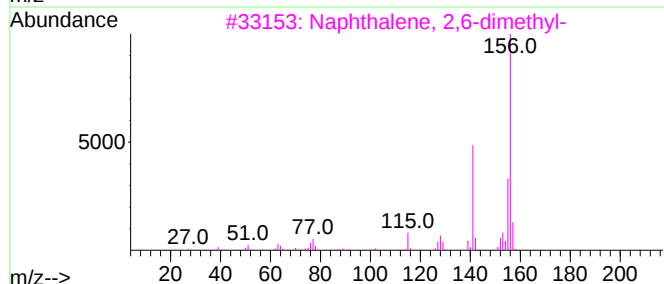
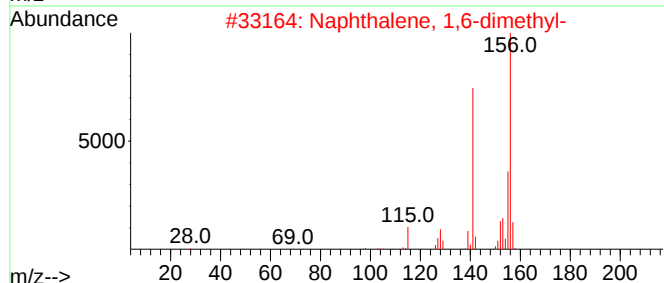
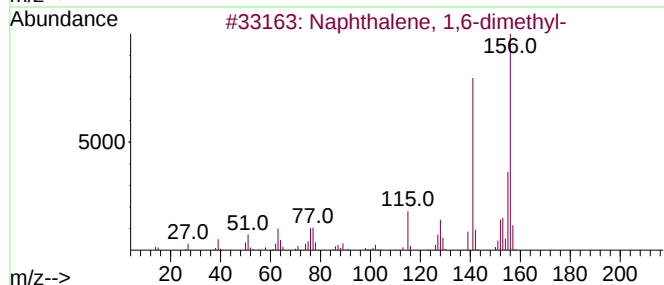
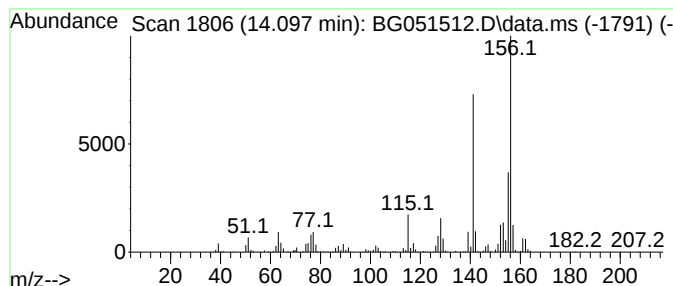
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	73.86 ng/ul	1541170	Acenaphthene-d10	14.920

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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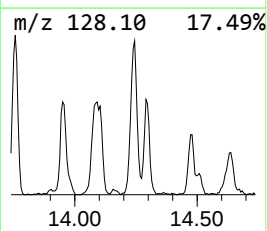
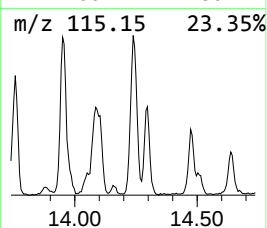
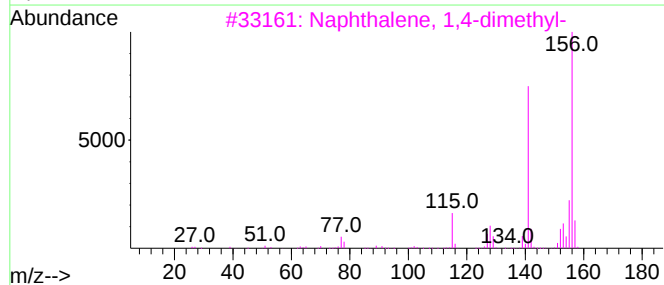
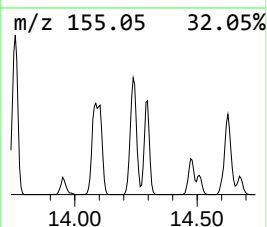
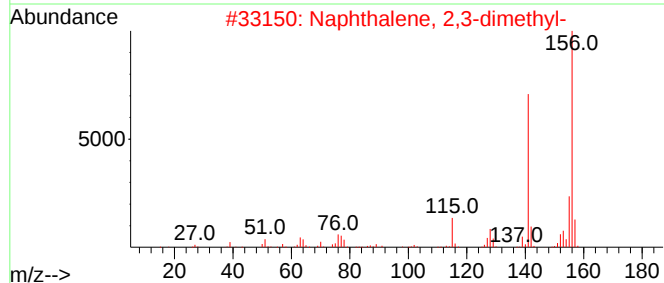
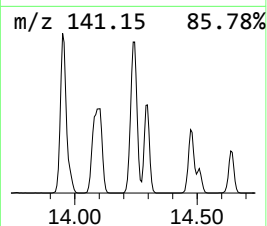
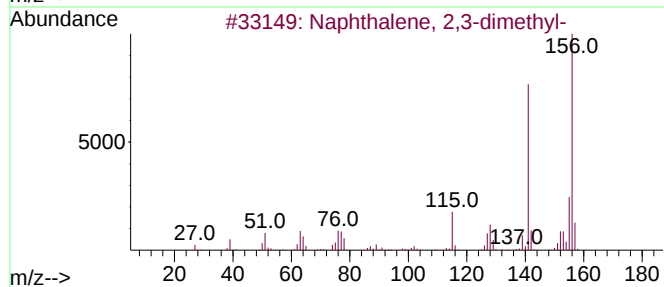
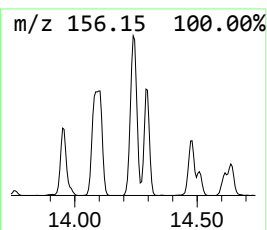
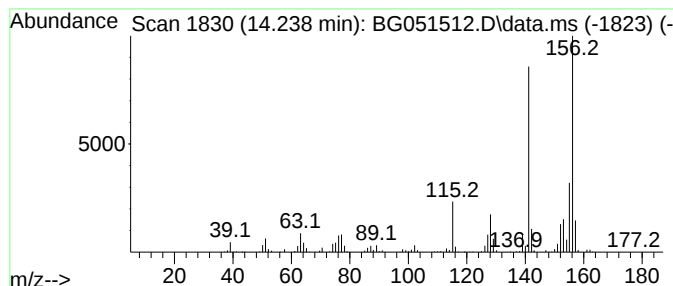
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.238	70.78 ng/ul	1476960	Acenaphthene-d10	14.920

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

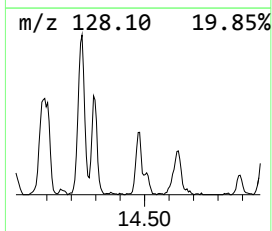
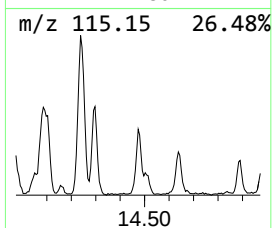
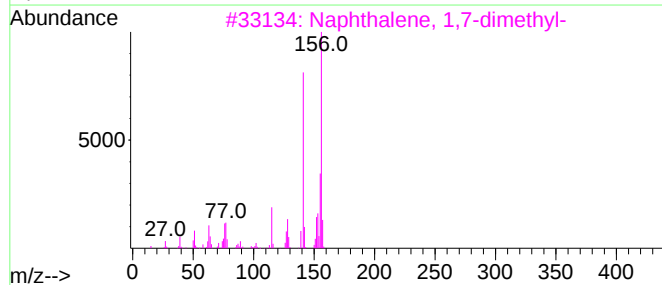
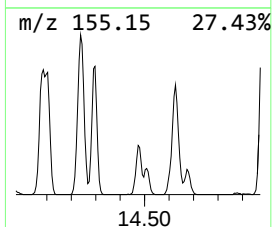
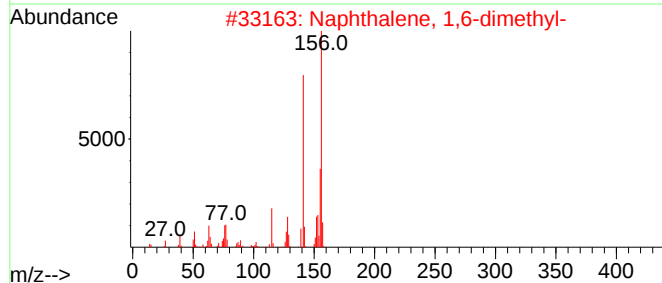
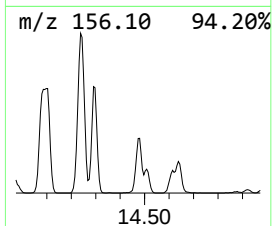
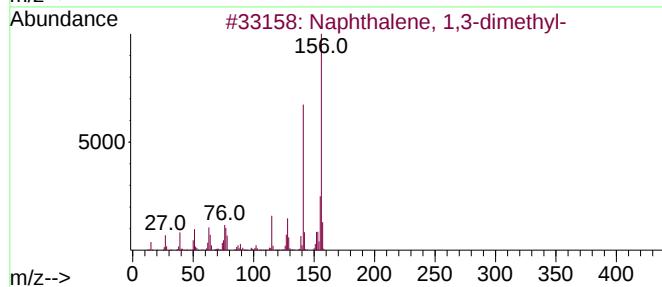
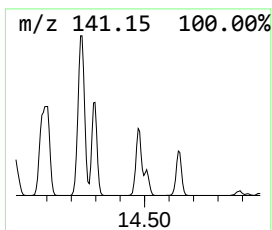
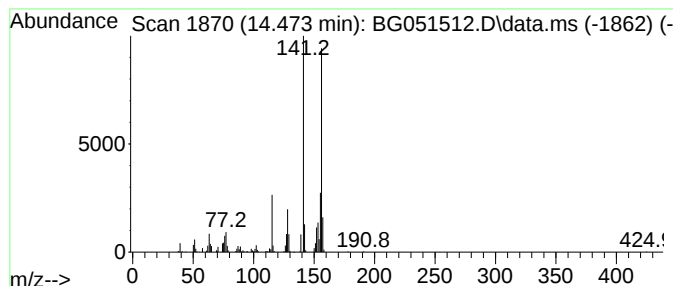
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.473	22.61 ng/ul	471744	Acenaphthene-d10	14.920	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT0

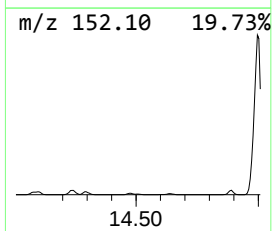
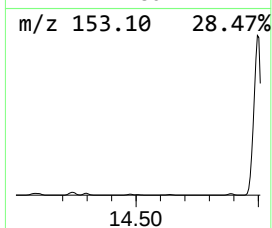
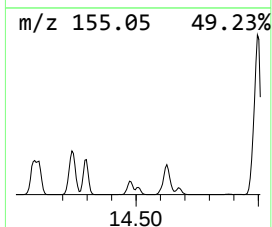
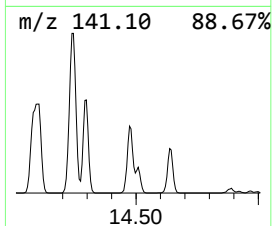
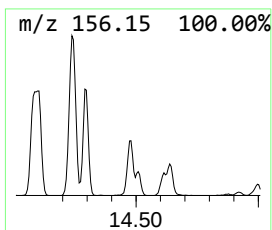
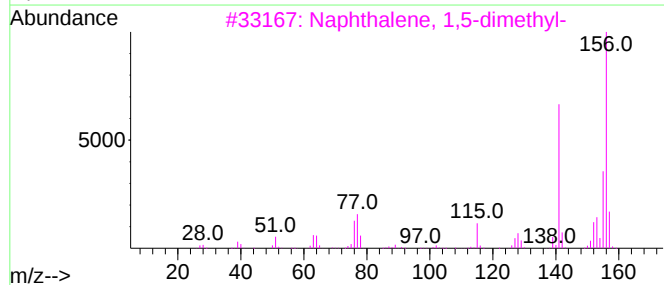
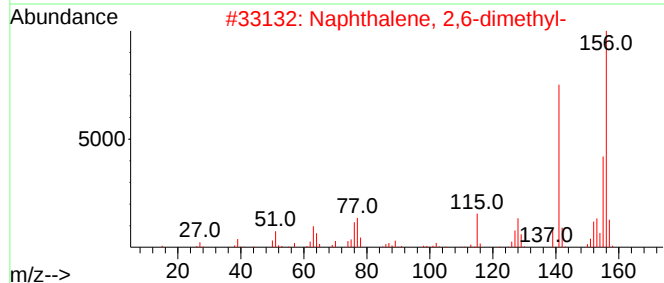
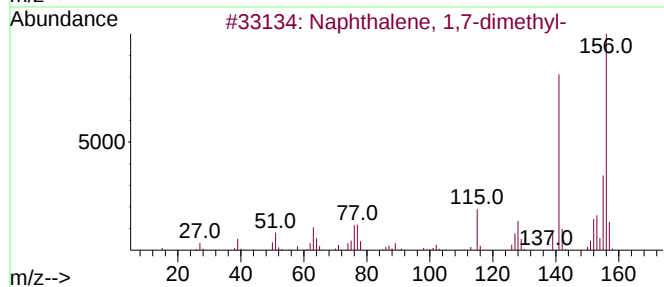
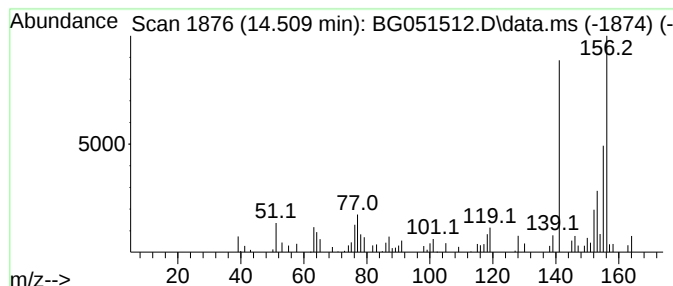
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.509	6.52 ng/ul	136120	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	76
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	68
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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Operator : CG/JU
Sample : M5013-01
Misc :
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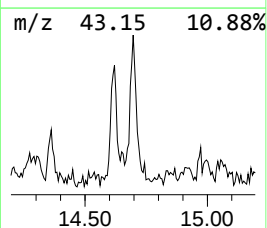
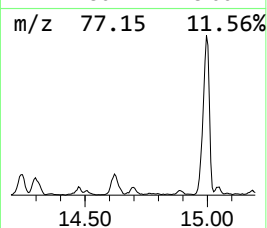
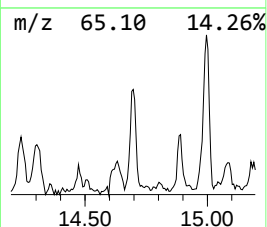
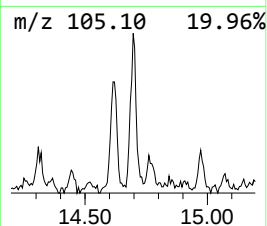
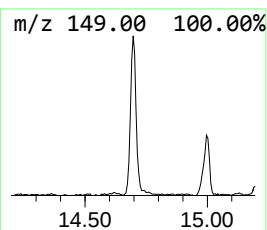
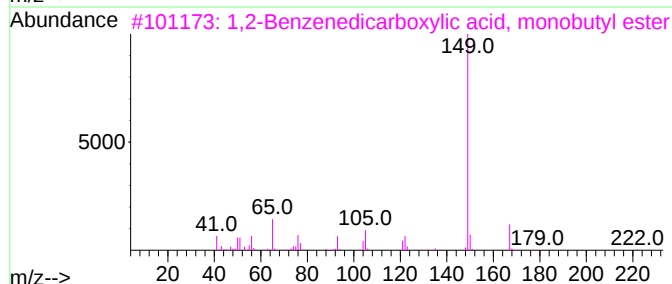
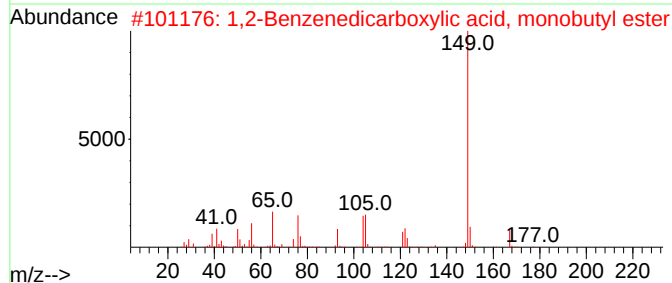
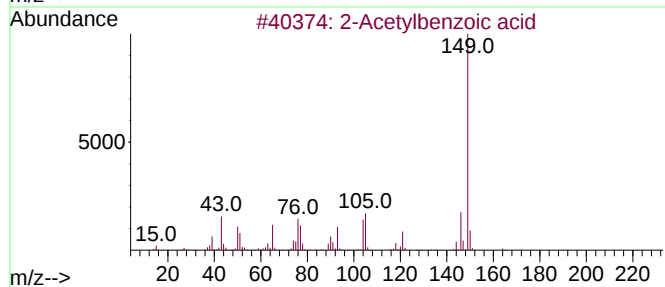
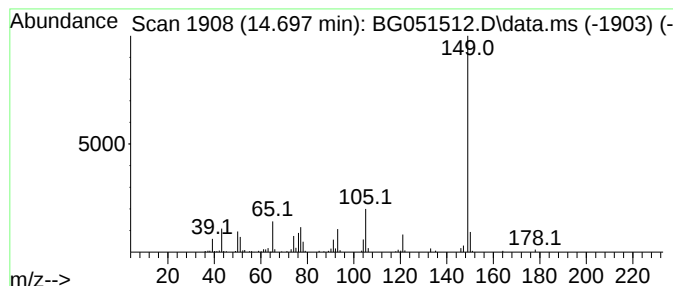
Instrument :
BNA_G
ClientSampleId :
DBLTO

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 17 2-Acetylbenzoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.697	10.16 ng/ul	212012	Acenaphthene-d10	14.920	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	80
2	1,2-Benzenedicarboxylic acid, monoethyl ester	222	C12H14O4	000131-70-4	78
3	1,2-Benzenedicarboxylic acid, monoethyl ester	222	C12H14O4	000131-70-4	72
4	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	70
5	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLT0

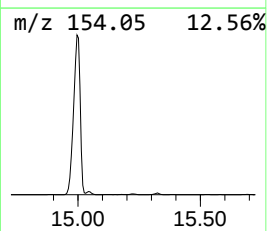
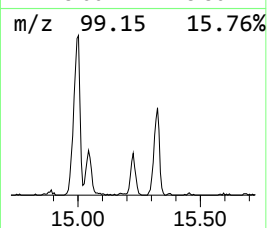
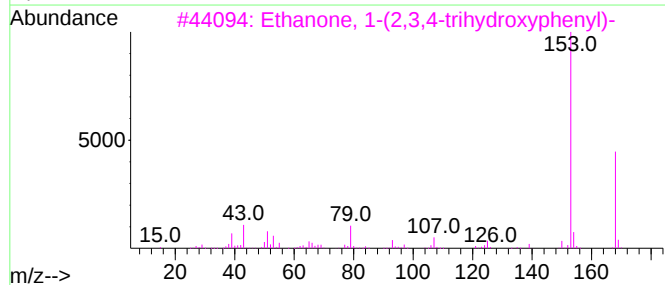
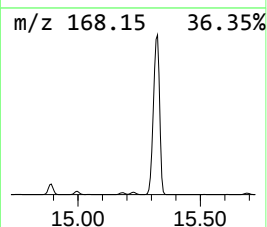
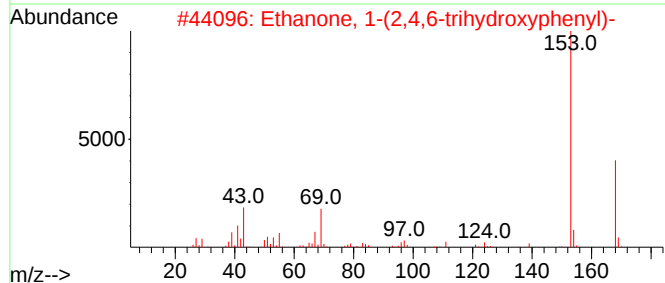
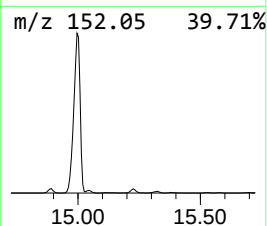
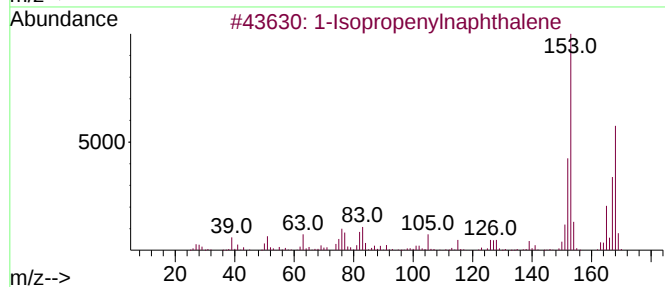
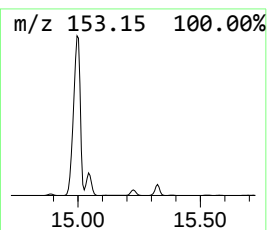
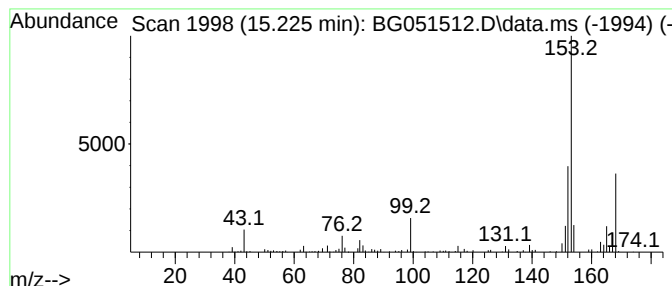
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.225	15.27 ng/ul	318646	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	43
3			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43
4			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	37
5			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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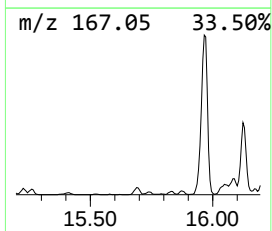
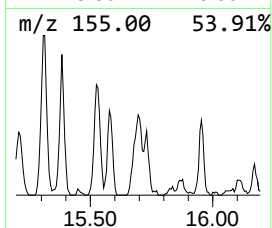
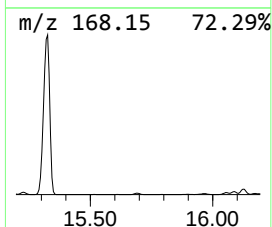
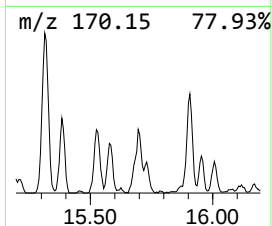
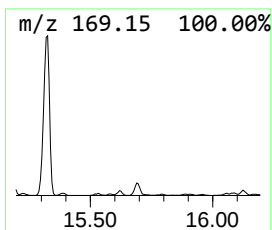
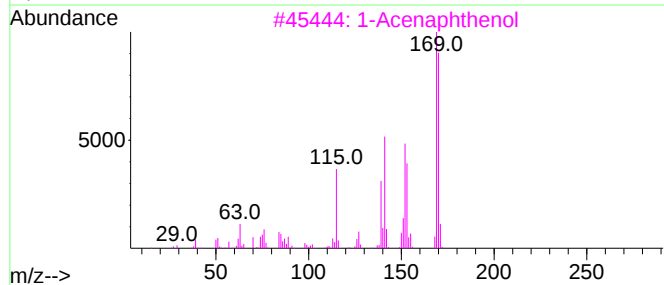
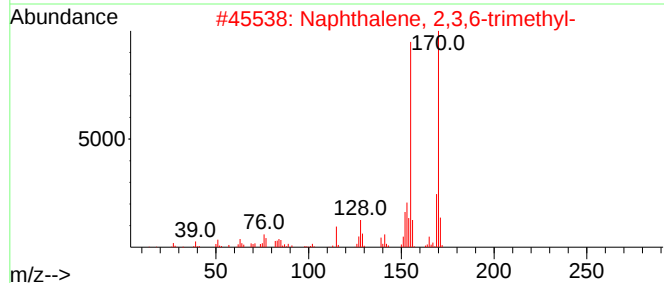
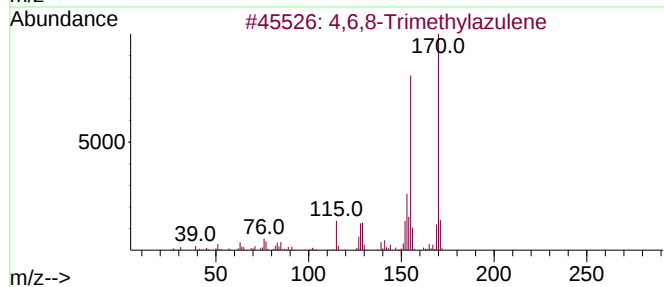
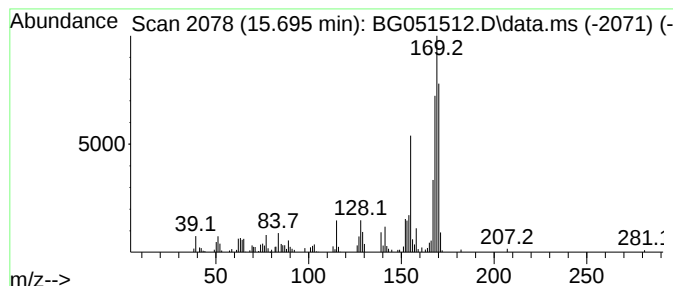
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 4,6,8-Trimethylazulene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.695	9.69 ng/ul	202181	Acenaphthene-d10	14.920

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3		1-Acenaphthenol	170	C12H10O	006306-07-6	60
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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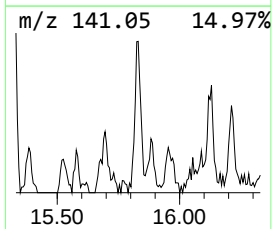
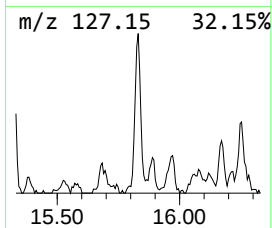
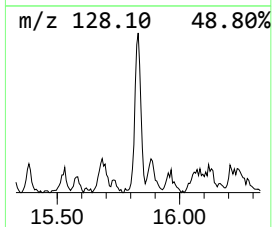
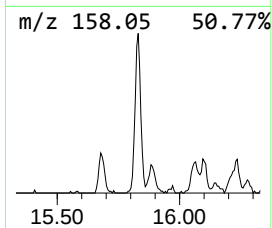
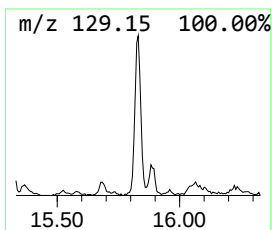
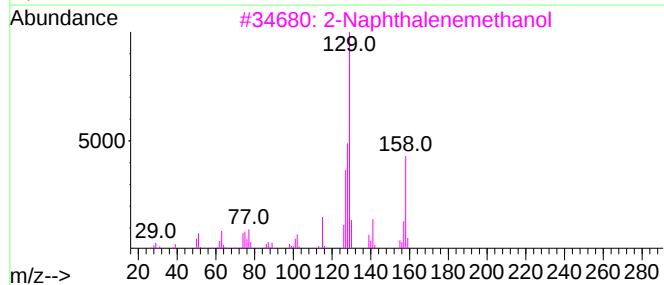
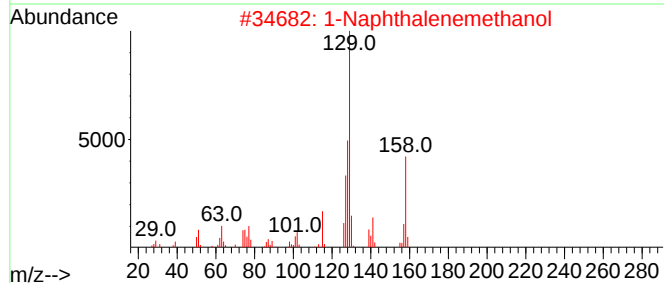
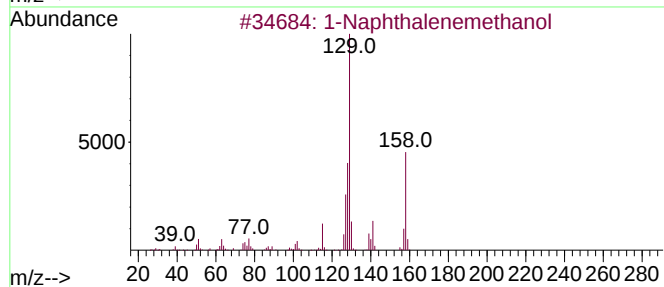
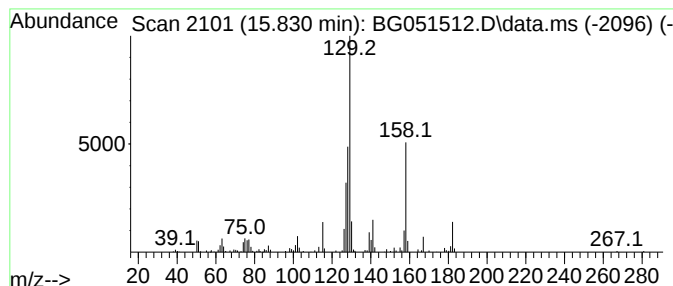
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1-Naphthalenemethanol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.830	10.65 ng/ul	222221	Acenaphthene-d10	14.920

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Naphthalenemethanol	158	C11H10O	004780-79-4	98
2		1-Naphthalenemethanol	158	C11H10O	004780-79-4	94
3		2-Naphthalenemethanol	158	C11H10O	001592-38-7	93
4		1-Naphthalenemethanol	158	C11H10O	004780-79-4	91
5		1-Naphthalenemethanol	158	C11H10O	004780-79-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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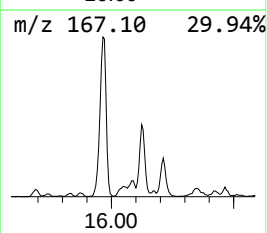
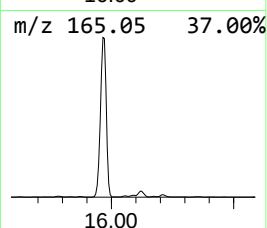
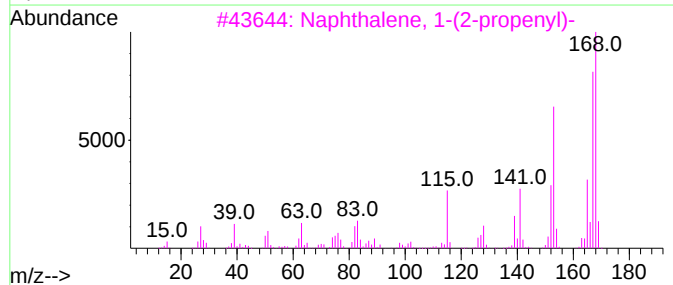
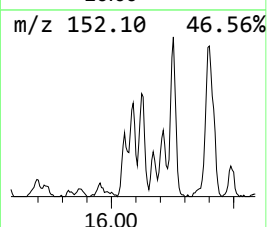
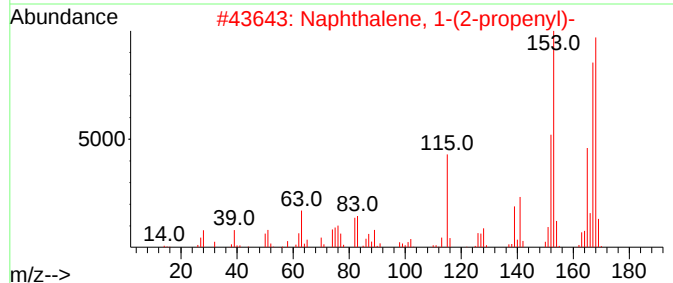
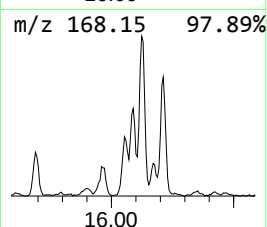
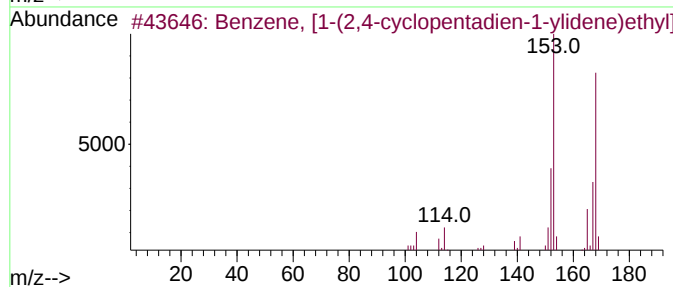
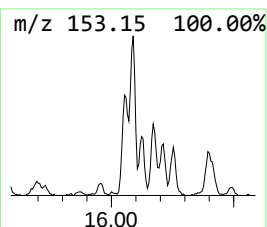
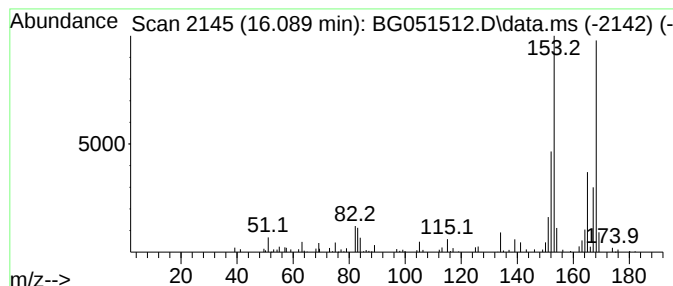
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, [1-(2,4-cyclopenta... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.089	9.64 ng/ul	201217	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
4			Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	49
5			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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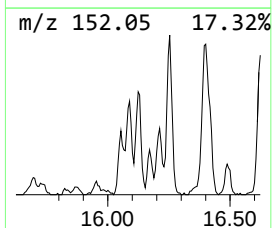
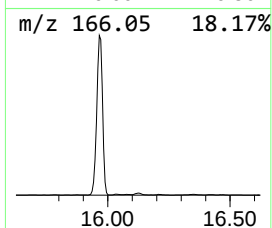
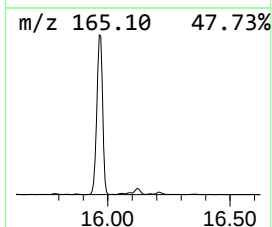
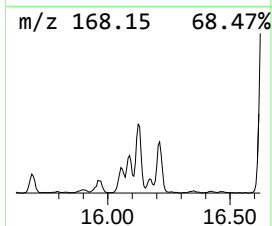
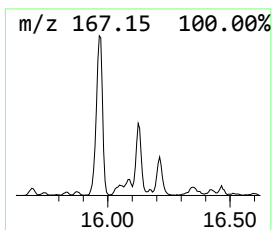
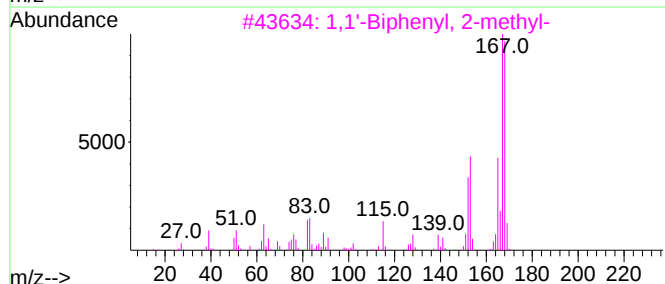
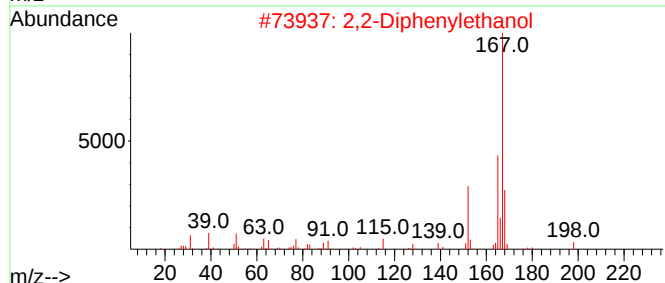
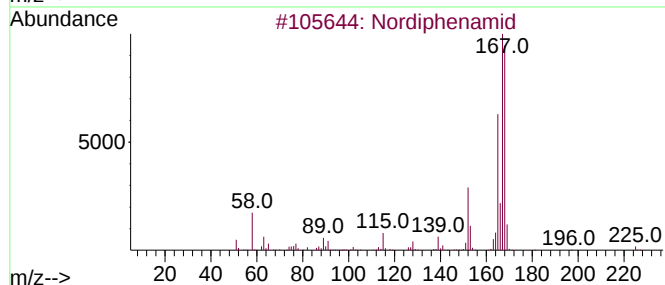
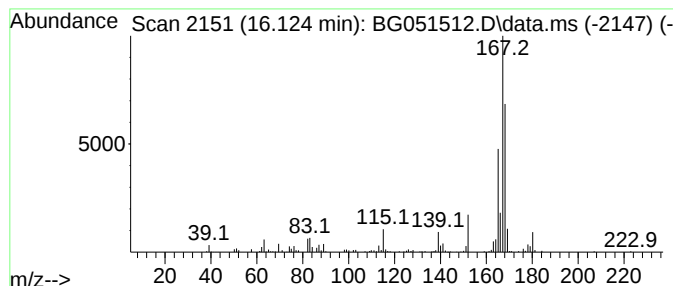
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Nordiphenamid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.124	20.16 ng/ul	420707	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nordiphenamid	225	C15H15NO	000954-21-2	78
2			2,2-Diphenylethanol	198	C14H14O	001883-32-5	59
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4			Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	58
5			Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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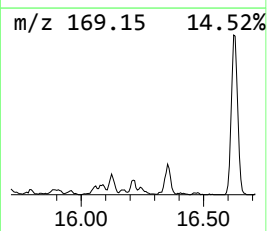
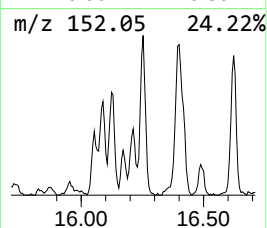
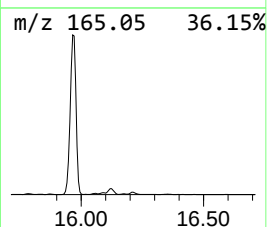
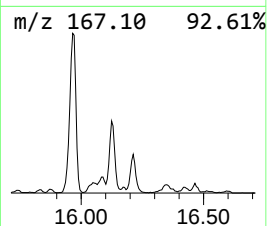
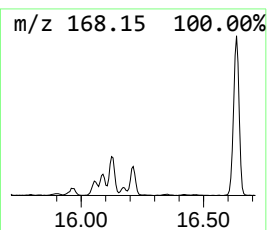
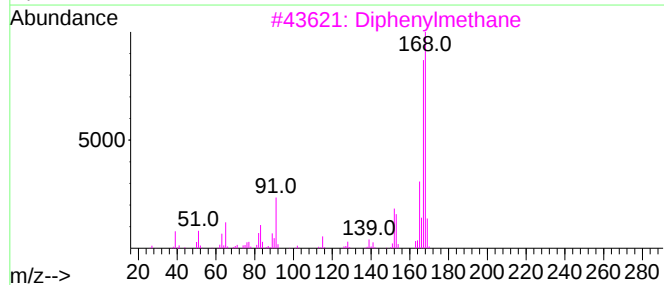
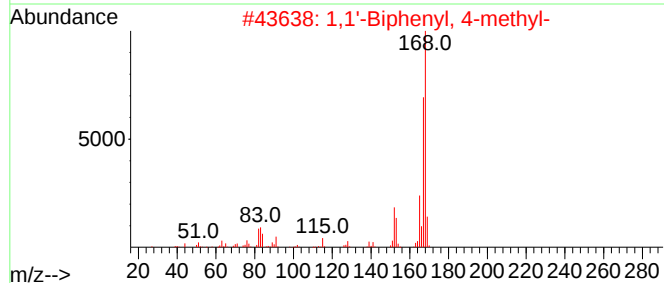
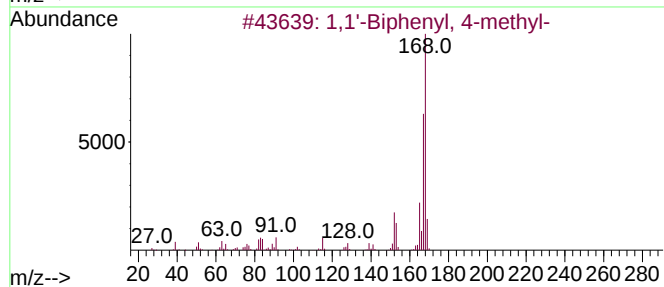
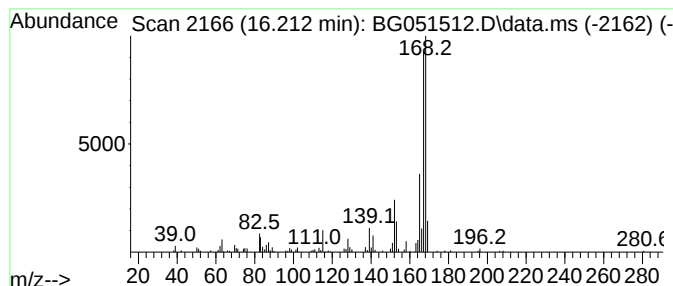
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1'-Biphenyl, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	11.56 ng/ul	241187	Acenaphthene-d10	14.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
3			Diphenylmethane	168	C13H12	000101-81-5	83
4			Diphenylmethane	168	C13H12	000101-81-5	83
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

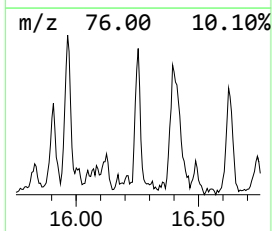
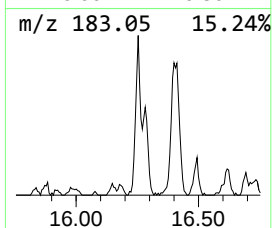
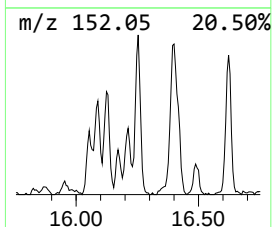
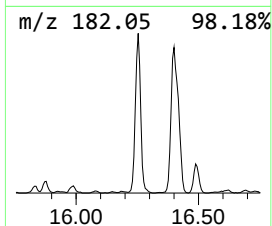
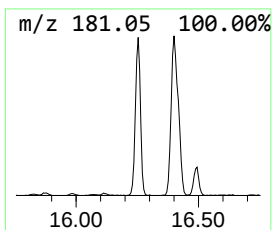
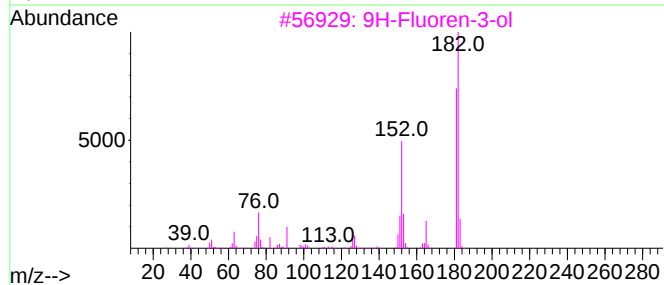
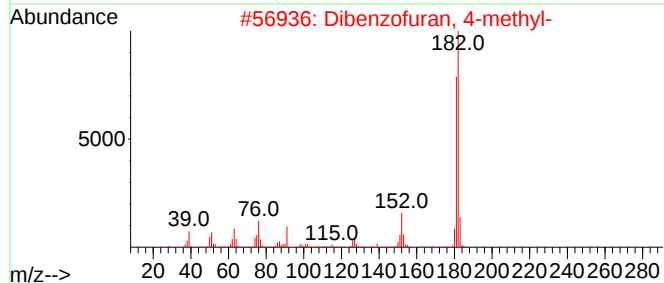
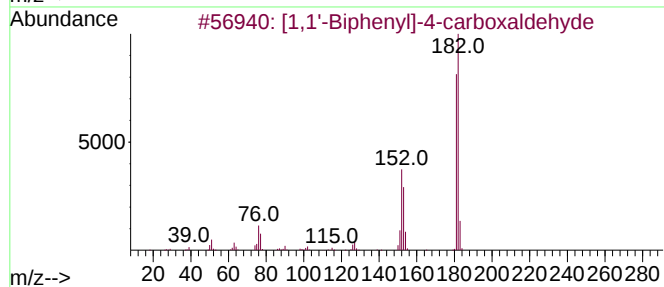
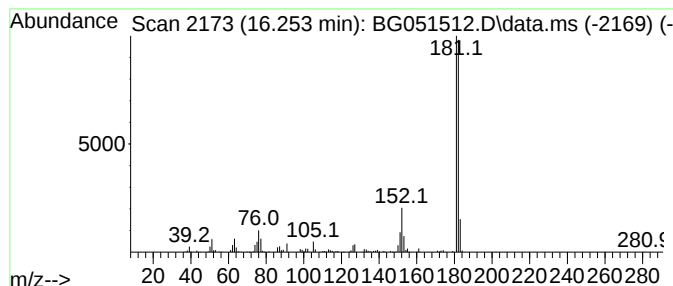
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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.253	28.18 ng/ul	588032	Acenaphthene-d10		14.920	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-		182	C13H10O	007320-53-8	91
3	9H-Fluoren-3-ol		182	C13H10O	006344-67-8	91
4	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

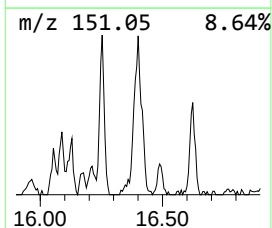
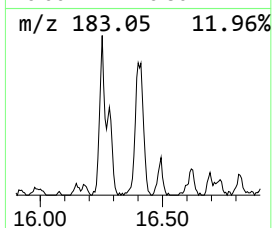
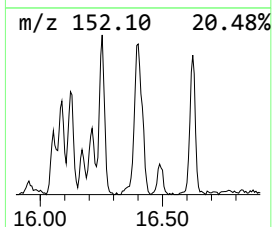
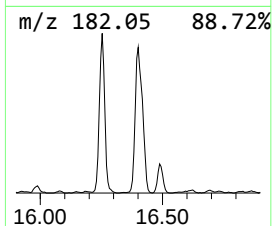
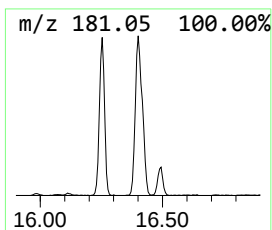
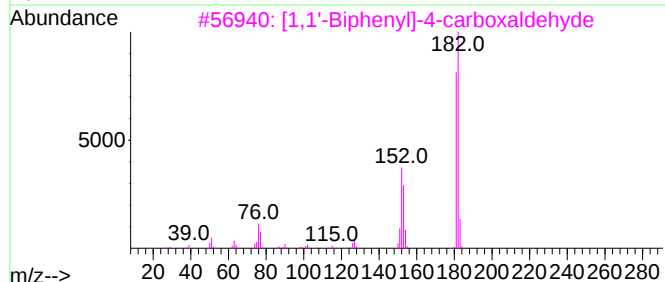
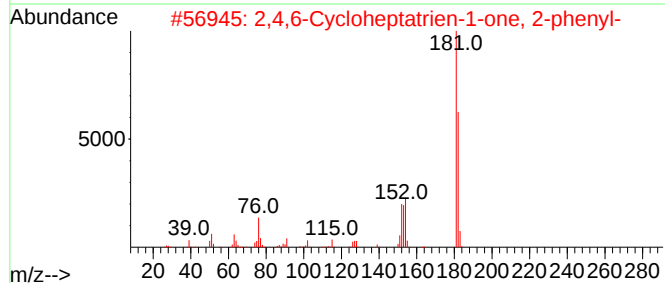
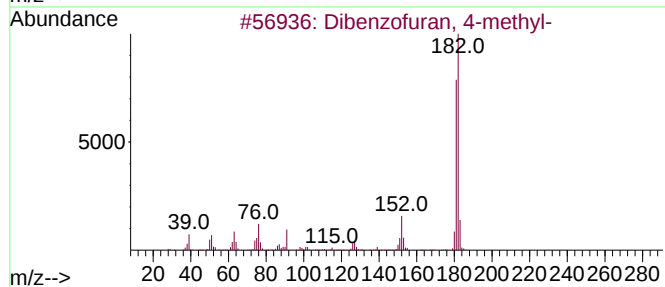
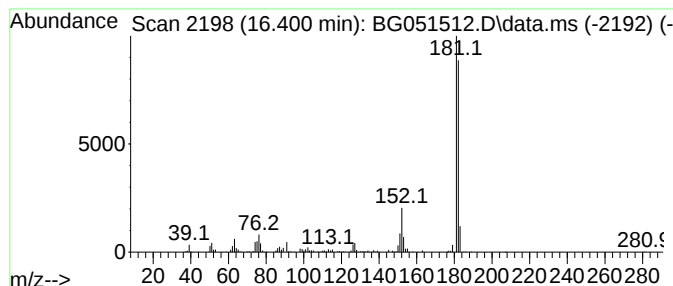
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.400	36.86 ng/ul	1267680	Phenanthrene-d10	17.663	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
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Instrument :
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ClientSampleId :
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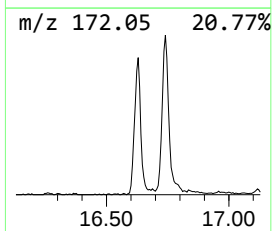
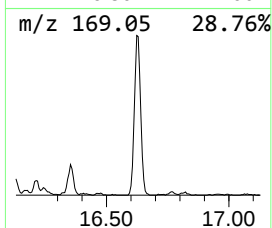
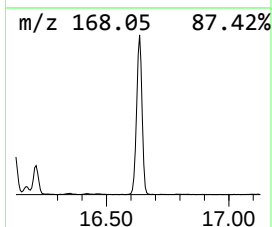
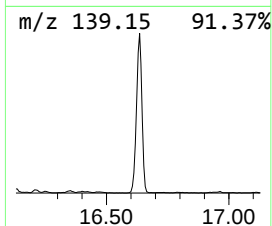
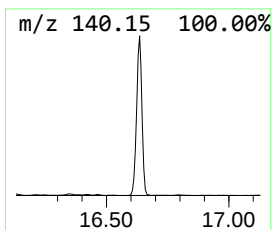
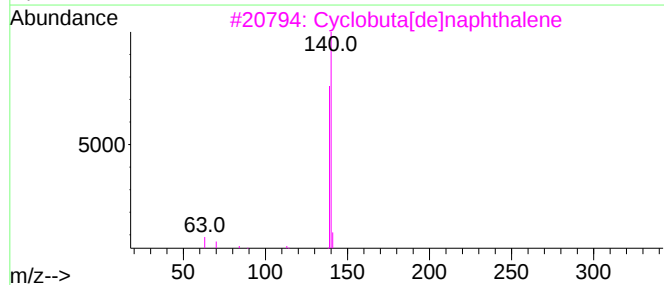
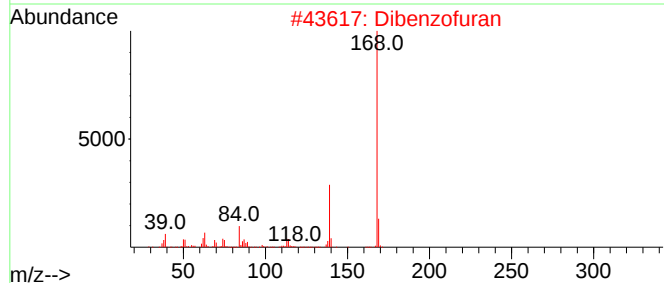
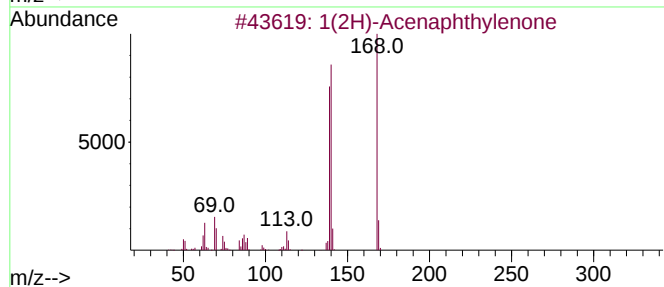
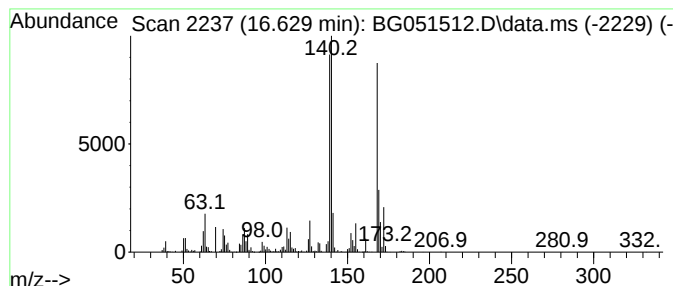
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.629	64.21 ng/ul	2208410	Phenanthrene-d10	17.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2			Dibenzofuran	168	C12H8O	000132-64-9	38
3			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
4			Dibenzofuran	168	C12H8O	000132-64-9	27
5			Thieno[3,4-b]thiophene	140	C6H4S2	000250-65-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

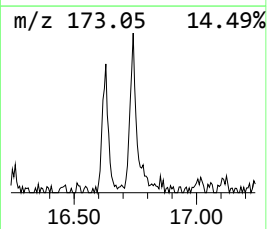
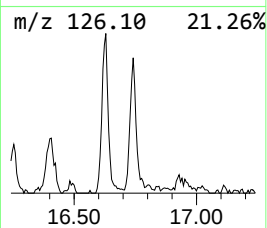
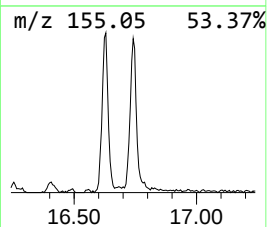
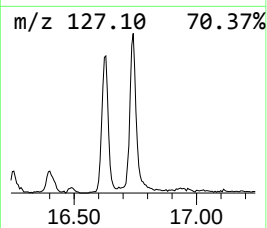
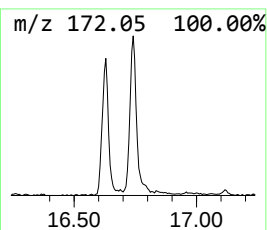
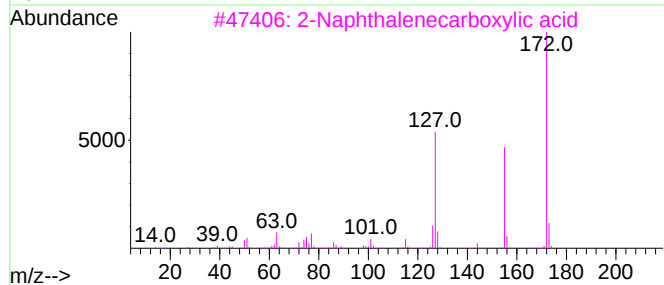
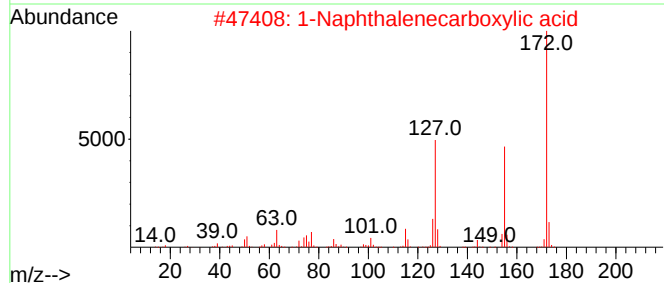
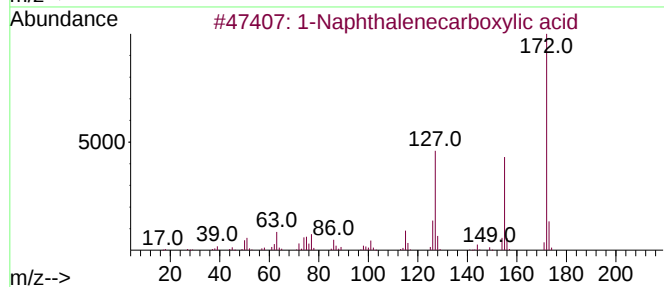
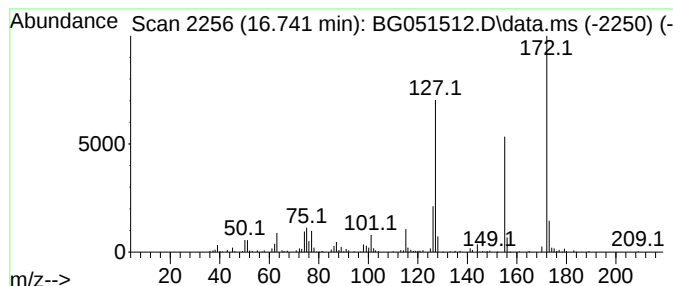
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 1-Naphthalenecarboxylic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.741	9.24 ng/ul	317779	Phenanthrene-d10		17.663	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91
2		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91
3		2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90
4		2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90
5		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
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Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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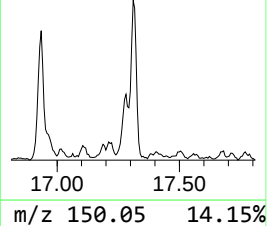
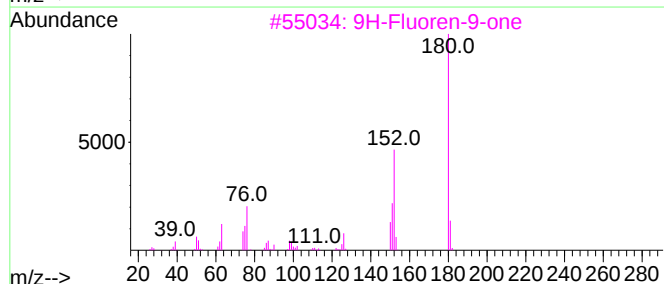
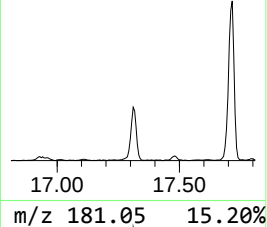
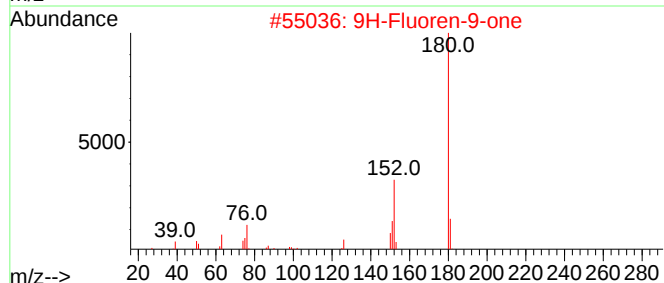
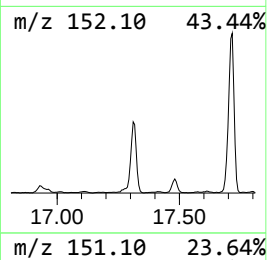
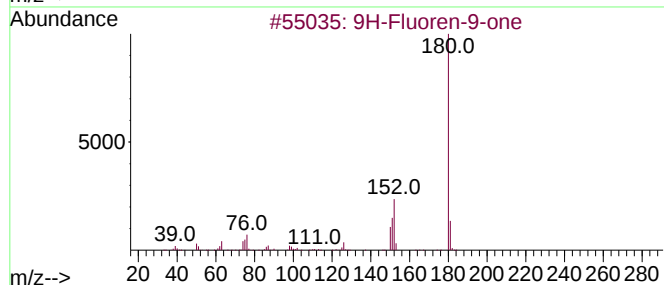
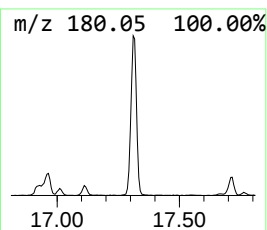
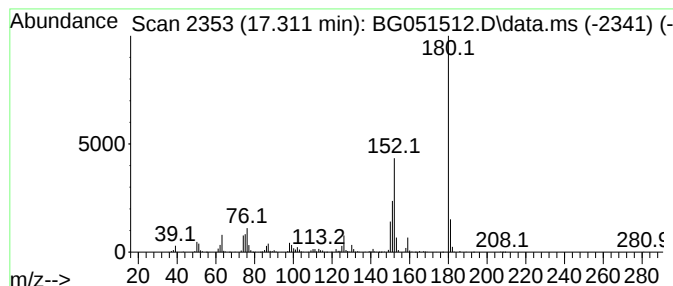
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.311	31.93 ng/ul	1098040	Phenanthrene-d10	17.663

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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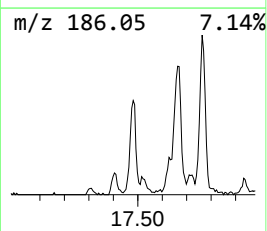
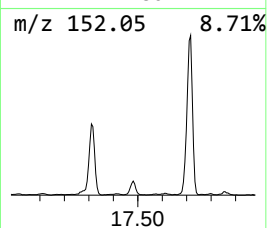
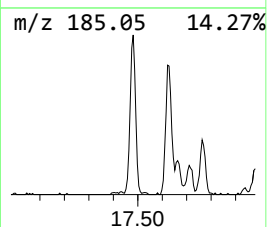
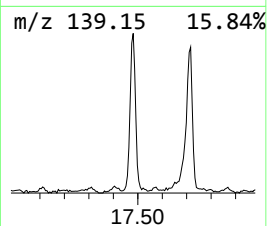
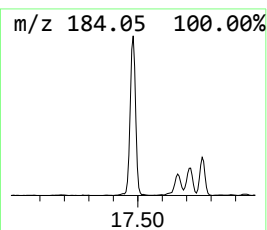
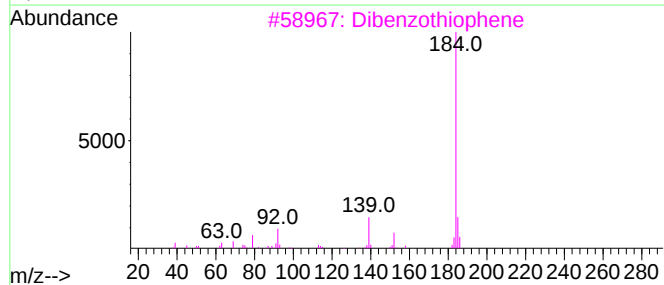
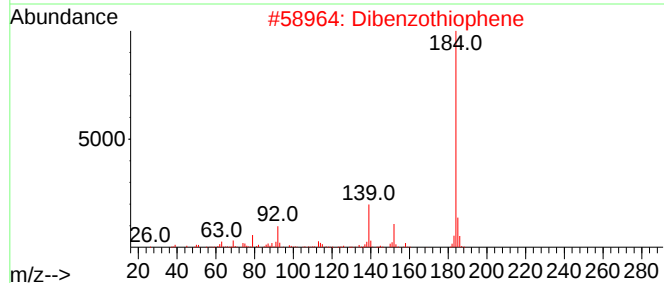
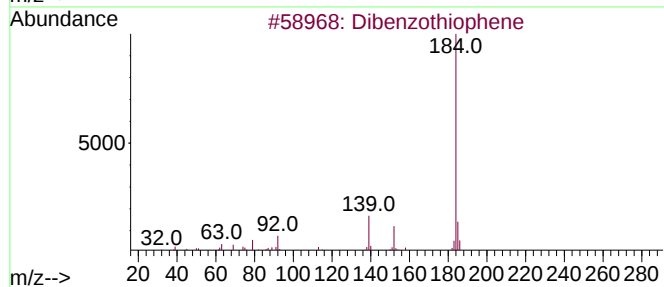
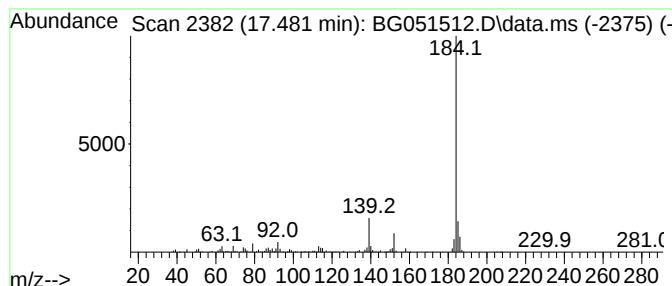
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.481	18.66 ng/ul	641754	Phenanthrene-d10	17.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	95
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Dibenzothiophene	184	C12H8S	000132-65-0	94
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Dibenzothiophene	184	C12H8S	000132-65-0	94



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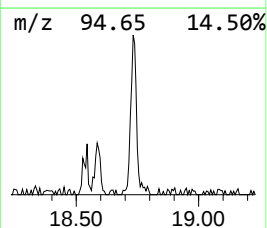
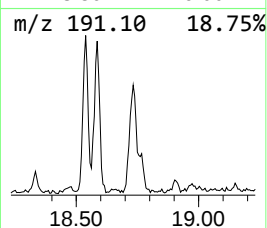
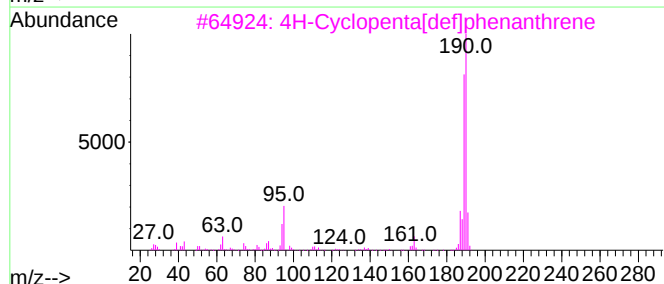
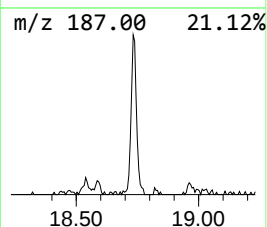
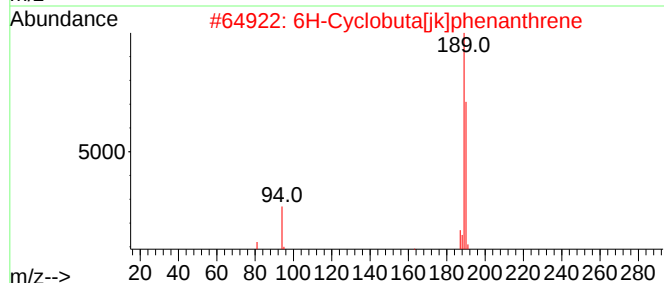
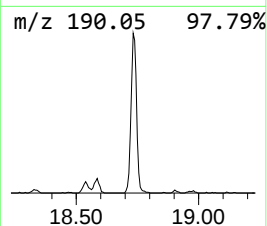
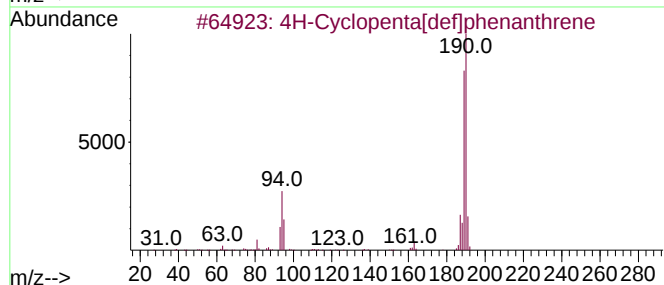
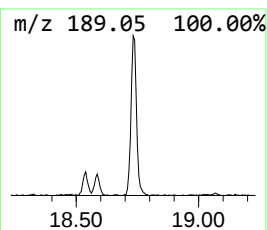
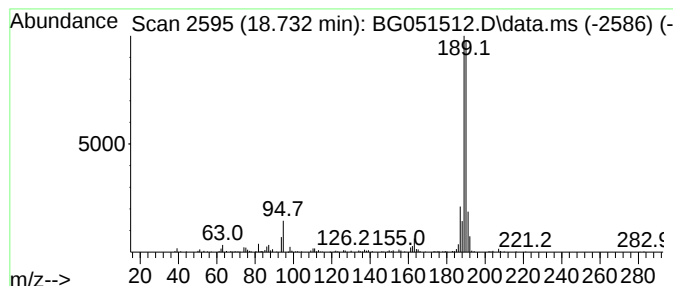
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 4H-Cyclopenta[def]phenanthrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.732	10.91 ng/ul	375361	Phenanthrene-d10		17.663	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	78
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	72
4	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	64
5	Pyrazole-4-carboxaldehyde, 3-(4-...		190	C10H7FN2O	306936-57-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBLT0

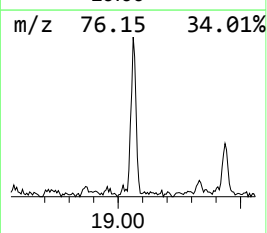
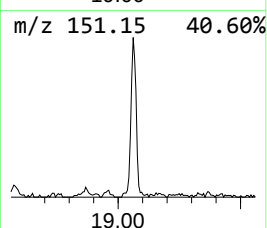
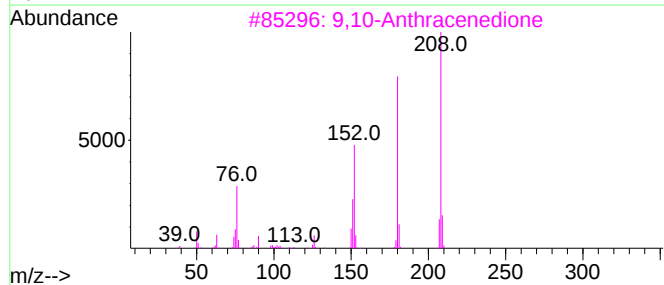
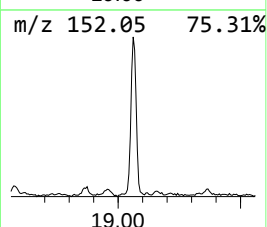
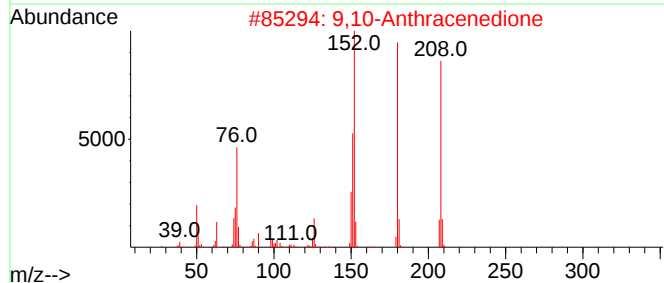
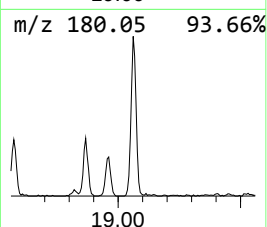
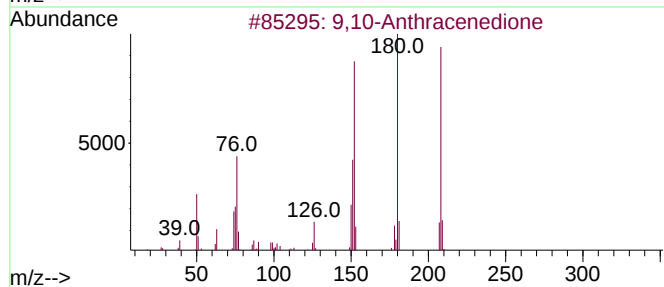
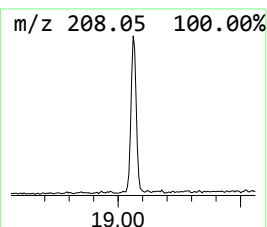
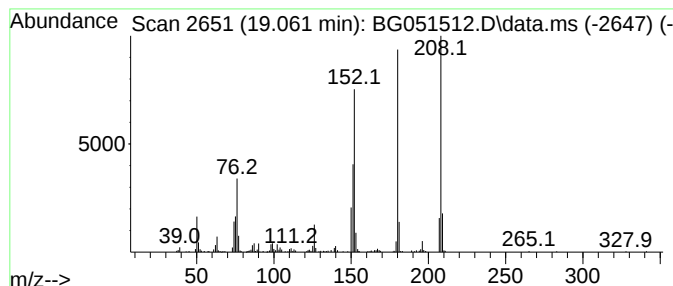
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 9,10-Anthracenedione Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.061	11.17 ng/ul	384247	Phenanthrene-d10		17.663

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95	
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95	
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94	
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94	
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051512.D
 Acq On : 14 Dec 2021 20:43
 Operator : CG/JU
 Sample : M5013-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	5.233	8.2	ng/ul	102633	1	8.282	249886	20.0
unknown-01	7.254	12.1	ng/ul	151140	1	8.282	249886	20.0
Benzene, 1-ethy...	7.359	13.1	ng/ul	163214	1	8.282	249886	20.0
Benzene, 1,2,3-...	7.495	17.2	ng/ul	215384	1	8.282	249886	20.0
Mesitylene	7.929	33.2	ng/ul	414319	1	8.282	249886	20.0
p-Cymene	8.423	60.4	ng/ul	755123	1	8.282	249886	20.0
Indane	8.664	38.9	ng/ul	486015	1	8.282	249886	20.0
Heptanoic acid	8.875	16.5	ng/ul	206119	1	8.282	249886	20.0
Fenchone	9.545	9.3	ng/ul	115574	1	8.282	249886	20.0
1(3H)-Isobenzof...	13.322	11.8	ng/ul	245374	3	14.920	417317	20.0
Naphthalene, 2-...	13.951	46.3	ng/ul	966298	3	14.920	417317	20.0
Naphthalene, 1,...	14.097	73.9	ng/ul	1541170	3	14.920	417317	20.0
Naphthalene, 2,...	14.238	70.8	ng/ul	1476960	3	14.920	417317	20.0
Naphthalene, 1,...	14.473	22.6	ng/ul	471744	3	14.920	417317	20.0
Naphthalene, 1,...	14.509	6.5	ng/ul	136120	3	14.920	417317	20.0
2-Acetylbenzoic...	14.697	10.2	ng/ul	212012	3	14.920	417317	20.0
1-Isopropenylna...	15.225	15.3	ng/ul	318646	3	14.920	417317	20.0
4,6,8-Trimethyl...	15.695	9.7	ng/ul	202181	3	14.920	417317	20.0
1-Naphthaleneme...	15.830	10.7	ng/ul	222221	3	14.920	417317	20.0
Benzene, [1-(2,...	16.089	9.6	ng/ul	201217	3	14.920	417317	20.0
Nordiphenamid	16.124	20.2	ng/ul	420707	3	14.920	417317	20.0
1,1'-Biphenyl, ...	16.212	11.6	ng/ul	241187	3	14.920	417317	20.0
[1,1'-Biphenyl]...	16.253	28.2	ng/ul	588032	3	14.920	417317	20.0
Dibenzofuran, 4...	16.400	36.9	ng/ul	1267680	4	17.663	687882	20.0
1(2H)-Acenaphth...	16.629	64.2	ng/ul	2208410	4	17.663	687882	20.0
1-Naphthaleneca...	16.741	9.2	ng/ul	317779	4	17.663	687882	20.0
9H-Fluoren-9-one	17.311	31.9	ng/ul	1098040	4	17.663	687882	20.0
Dibenzothiophene	17.481	18.7	ng/ul	641754	4	17.663	687882	20.0
4H-Cyclopenta[d...	18.732	10.9	ng/ul	375361	4	17.663	687882	20.0
9,10-Anthracene...	19.061	11.2	ng/ul	384247	4	17.663	687882	20.0