

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047822.D
 Acq On : 24 Dec 2020 7:23
 Operator : CG/JU
 Sample : L5149-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB8A0

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-BG120720MA.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	3.451	15	19	22	rVB	2955	4543	0.33%	0.028%
2	3.527	28	32	38	rBV4	7351	13787	1.01%	0.085%
3	4.303	158	164	171	rBV2	29588	58992	4.34%	0.365%
4	4.679	223	228	233	rVB5	4974	9089	0.67%	0.056%
5	5.807	412	420	422	rBV3	4774	9999	0.74%	0.062%
6	6.177	477	483	487	rBV3	7000	12039	0.89%	0.074%
7	6.224	487	491	494	rVB3	4338	6699	0.49%	0.041%
8	7.164	648	651	656	rVV	3026	4265	0.31%	0.026%
9	7.341	673	681	688	rVB	228061	402540	29.61%	2.487%
10	7.511	702	710	720	rVB2	133438	222597	16.37%	1.375%
11	7.728	738	747	755	rBV	225550	392398	28.86%	2.425%
12	7.881	770	773	778	rVB2	2567	3991	0.29%	0.025%
13	8.198	817	827	834	rBV	138531	241282	17.75%	1.491%
14	8.334	845	850	854	rVB2	2701	4758	0.35%	0.029%
15	8.510	877	880	884	rVB	3746	4459	0.33%	0.028%
16	8.898	939	946	953	rVV2	254903	456478	33.58%	2.821%
17	9.368	1018	1026	1033	rBV	217729	387413	28.50%	2.394%
18	9.520	1046	1052	1059	rBV3	18104	26827	1.97%	0.166%
19	9.703	1079	1083	1089	rBV2	3803	6270	0.46%	0.039%
20	9.767	1089	1094	1100	rVB2	30697	43816	3.22%	0.271%
21	10.096	1142	1150	1160	rBV3	206764	386918	28.46%	2.391%
22	10.355	1191	1194	1197	rBV	2224	3711	0.27%	0.023%
23	10.637	1233	1242	1249	rBV	296816	538403	39.60%	3.327%
24	10.978	1297	1300	1301	rBV2	4279	4041	0.30%	0.025%
25	11.025	1301	1308	1314	rVV	167574	312877	23.01%	1.933%
26	11.077	1314	1317	1322	rVV3	15476	26091	1.92%	0.161%
27	11.148	1322	1329	1337	rVV	237042	443303	32.61%	2.739%
28	12.411	1539	1544	1547	rBV3	3800	5233	0.38%	0.032%
29	12.540	1561	1566	1569	rBV2	3669	4931	0.36%	0.030%
30	12.599	1570	1576	1581	rVV3	4965	8991	0.66%	0.056%
31	12.670	1581	1588	1593	rBV4	11976	21938	1.61%	0.136%
32	12.887	1616	1625	1631	rBV	8201	15829	1.16%	0.098%
33	13.445	1715	1720	1723	rVB	2064	3820	0.28%	0.024%
34	13.633	1748	1752	1756	rBV3	5358	9661	0.71%	0.060%

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35	13.663	1756	1757	1761	rVB2	4741	5282	0.39%	0.033%
36	13.763	1769	1774	1776	rBV2	3212	4262	0.31%	0.026%
37	13.986	1804	1812	1813	rBV2	5638	8711	0.64%	0.054%
38	14.139	1833	1838	1844	rBV3	8035	15974	1.18%	0.099%
39	14.209	1844	1850	1856	rBV	487151	716746	52.72%	4.429%
40	14.520	1896	1903	1911	rVB	503870	817438	60.13%	5.051%
41	14.661	1923	1927	1929	rVV2	3163	3868	0.28%	0.024%
42	14.697	1929	1933	1937	rVB2	6337	8688	0.64%	0.054%
43	14.820	1943	1954	1960	rBV	276561	444368	32.69%	2.746%
44	14.885	1960	1965	1972	rVB2	19759	32959	2.42%	0.204%
45	14.991	1976	1983	1993	rBV	235992	408115	30.02%	2.522%
46	15.214	2016	2021	2029	rVV2	19047	31878	2.34%	0.197%
47	15.278	2029	2032	2041	rVB3	5221	10376	0.76%	0.064%
48	15.419	2053	2056	2057	rBV	4212	4329	0.32%	0.027%
49	15.472	2063	2065	2072	rVB4	6493	8904	0.65%	0.055%
50	15.596	2085	2086	2090	rVV2	4920	5564	0.41%	0.034%
51	15.637	2090	2093	2098	rVB4	9345	9421	0.69%	0.058%
52	15.807	2115	2122	2128	rBV	634480	963655	70.89%	5.954%
53	15.854	2128	2130	2135	rVB2	20498	29348	2.16%	0.181%
54	15.913	2135	2140	2149	rBV2	228559	347941	25.59%	2.150%
55	16.042	2156	2162	2169	rVB8	11069	22755	1.67%	0.141%
56	16.154	2176	2181	2185	rVB	10964	19064	1.40%	0.118%
57	16.295	2201	2205	2208	rVV3	12124	17101	1.26%	0.106%
58	16.348	2212	2214	2216	rVB3	4581	4067	0.30%	0.025%
59	16.495	2236	2239	2242	rBV4	7069	9824	0.72%	0.061%
60	16.659	2264	2267	2270	rBV2	4511	5525	0.41%	0.034%
61	17.006	2324	2326	2330	rVB4	7370	9763	0.72%	0.060%
62	17.088	2334	2340	2343	rBV5	10895	15749	1.16%	0.097%
63	17.123	2343	2346	2347	rBV3	4378	4000	0.29%	0.025%
64	17.211	2356	2361	2367	rBV5	13318	22434	1.65%	0.139%
65	17.282	2370	2373	2376	rBV4	12979	17113	1.26%	0.106%
66	17.376	2387	2389	2393	rVB2	17574	22315	1.64%	0.138%
67	17.558	2414	2420	2424	rBV	349976	567258	41.73%	3.505%
68	17.599	2424	2427	2432	rVB	242203	327752	24.11%	2.025%
69	17.658	2432	2437	2442	rBV	653326	969750	71.33%	5.992%
70	17.858	2469	2471	2475	rVB4	5358	5653	0.42%	0.035%
71	17.952	2483	2487	2490	rBV	20944	27757	2.04%	0.172%

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72	18.016	2497	2498	2503	rVB5	8522	10932	0.80%	0.068%
73	18.128	2515	2517	2522	rBV5	7358	11670	0.86%	0.072%
74	18.198	2526	2529	2533	rVB5	9363	9898	0.73%	0.061%
75	18.269	2539	2541	2543	rBV2	7124	8163	0.60%	0.050%
76	18.428	2564	2568	2572	rBV	46653	71051	5.23%	0.439%
77	18.475	2572	2576	2583	rVB	73250	102199	7.52%	0.631%
78	18.551	2585	2589	2595	rVB2	21969	32323	2.38%	0.200%
79	18.627	2595	2602	2605	rBV3	60106	127184	9.36%	0.786%
80	18.710	2614	2616	2622	rVB6	11065	12018	0.88%	0.074%
81	18.868	2638	2643	2646	rBV7	9375	17414	1.28%	0.108%
82	18.915	2647	2651	2655	rVV2	32787	46342	3.41%	0.286%
83	19.039	2670	2672	2674	rBV3	7697	6137	0.45%	0.038%
84	19.162	2690	2693	2698	rVB5	16073	20939	1.54%	0.129%
85	19.209	2698	2701	2704	rVB3	14415	17128	1.26%	0.106%
86	19.332	2717	2722	2726	rBV2	45873	69097	5.08%	0.427%
87	19.468	2741	2745	2749	rBV6	26370	42821	3.15%	0.265%
88	19.591	2760	2766	2773	rBV	459581	653966	48.11%	4.041%
89	19.926	2816	2823	2826	rBV2	825121	1359452	100.00%	8.400%
90	20.020	2835	2839	2843	rVB2	30718	48756	3.59%	0.301%
91	20.267	2877	2881	2887	rVB4	33291	77906	5.73%	0.481%
92	20.537	2924	2927	2930	rVB2	38591	41969	3.09%	0.259%
93	20.778	2966	2968	2973	rVB3	42150	42978	3.16%	0.266%
94	21.442	3077	3081	3085	rBV2	72640	99610	7.33%	0.615%
95	21.824	3138	3146	3152	rBV3	363087	971938	71.49%	6.006%
96	21.877	3152	3155	3162	rVB	168178	275126	20.24%	1.700%
97	24.109	3529	3535	3542	rBV2	109787	332812	24.48%	2.056%
98	24.944	3671	3677	3686	rVB2	294501	754160	55.48%	4.660%
99	25.179	3710	3717	3725	rVB	181990	486932	35.82%	3.009%
100	26.365	3912	3919	3928	rVB4	133346	389331	28.64%	2.406%

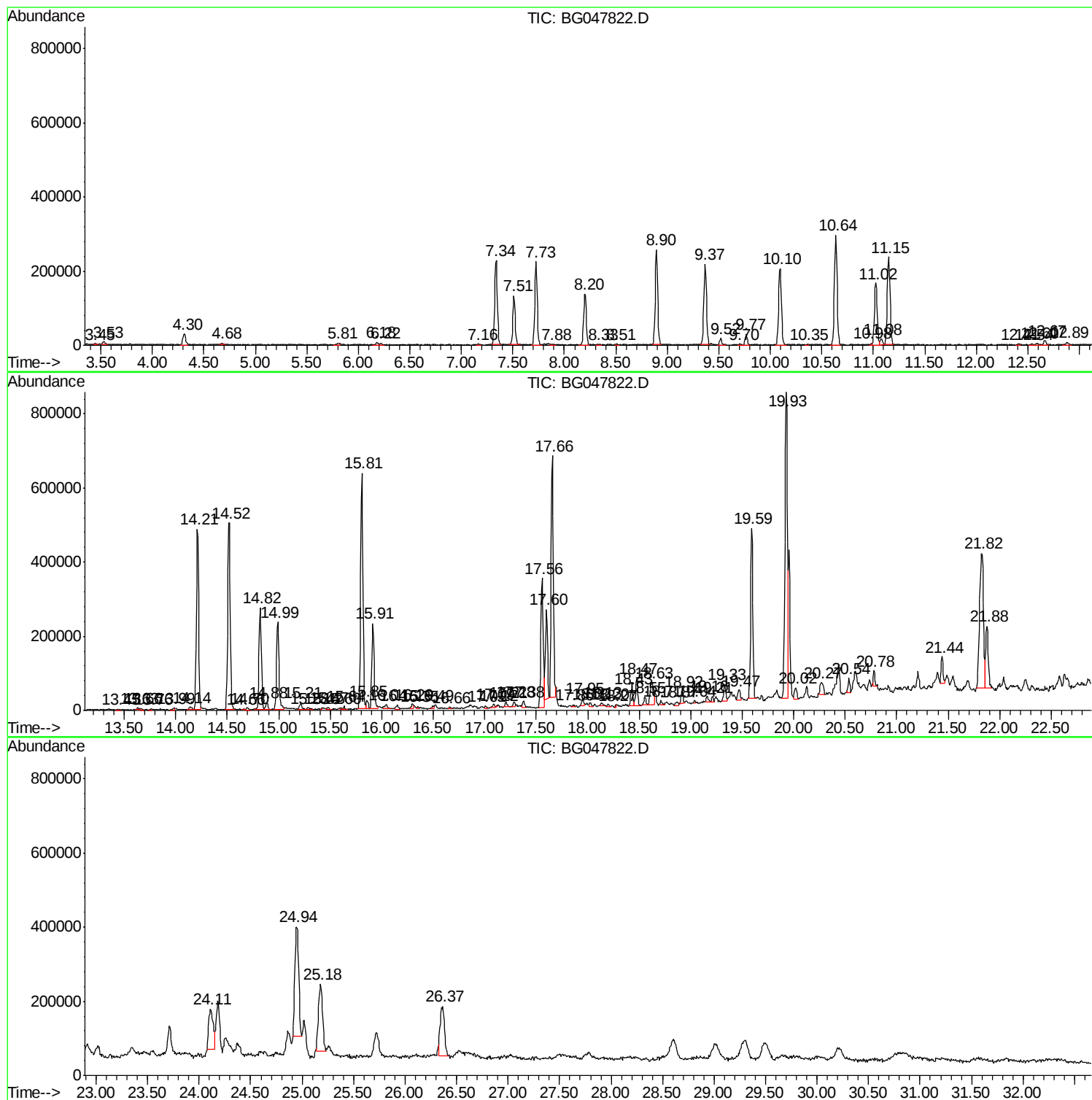
Sum of corrected areas: 16183948

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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



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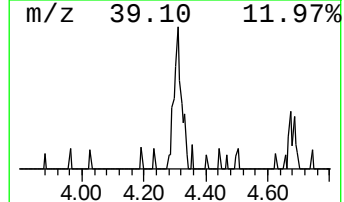
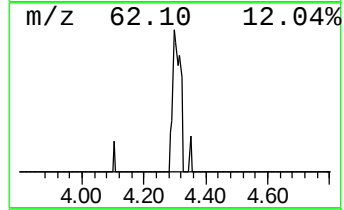
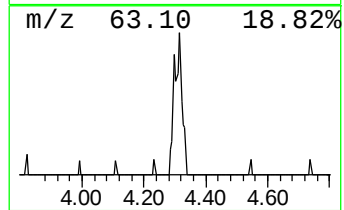
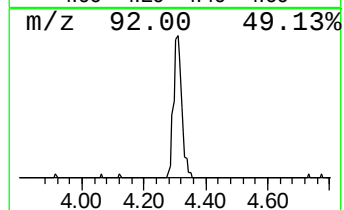
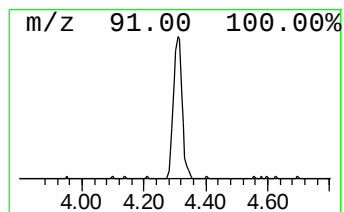
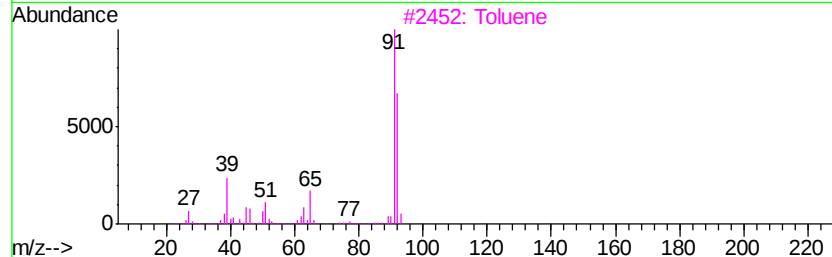
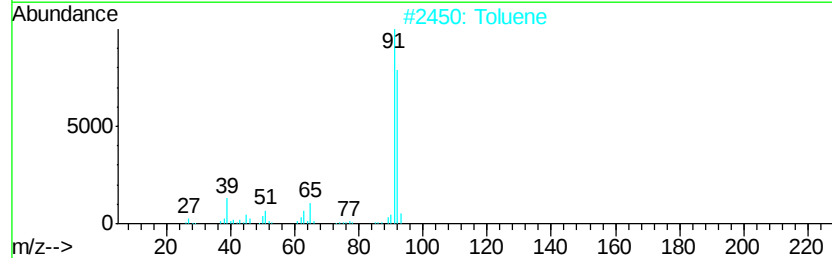
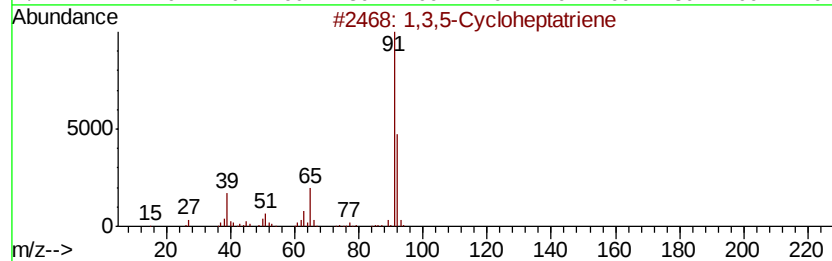
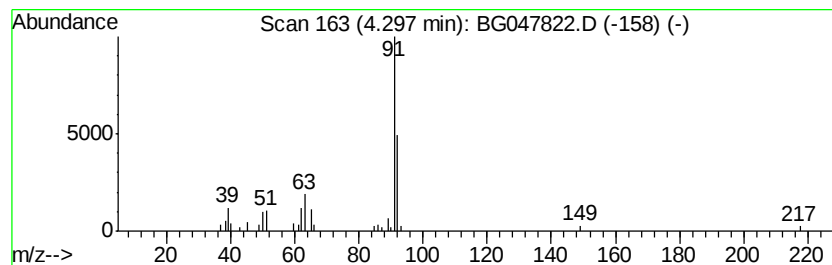
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	4.89 ng/ul	58992	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
2			Toluene	92	C7H8	000108-88-3	83
3			Toluene	92	C7H8	000108-88-3	83
4			Toluene	92	C7H8	000108-88-3	81
5			1,5-Heptadien-3-yne	92	C7H8	003511-27-1	80



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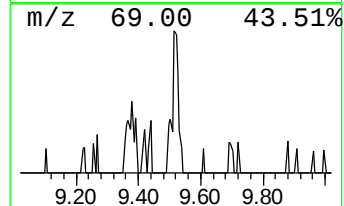
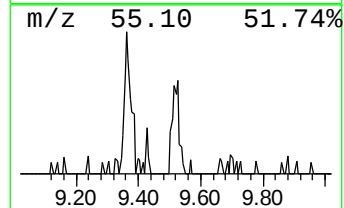
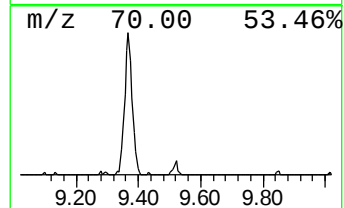
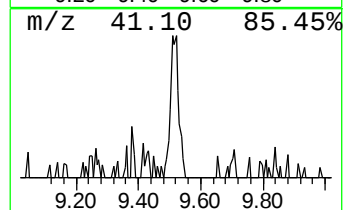
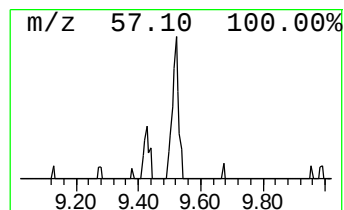
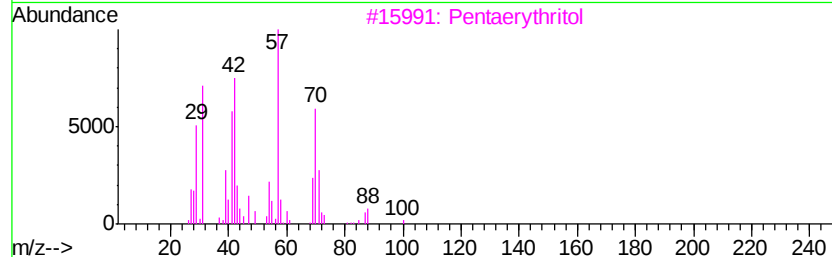
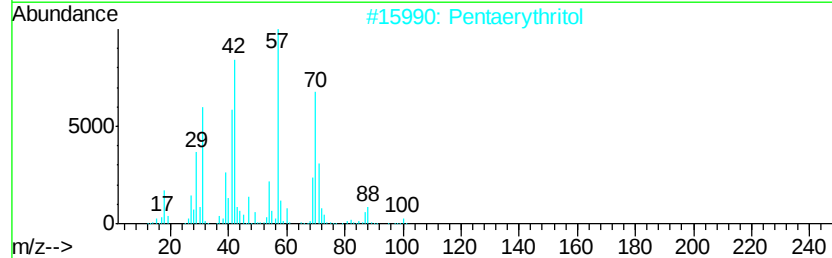
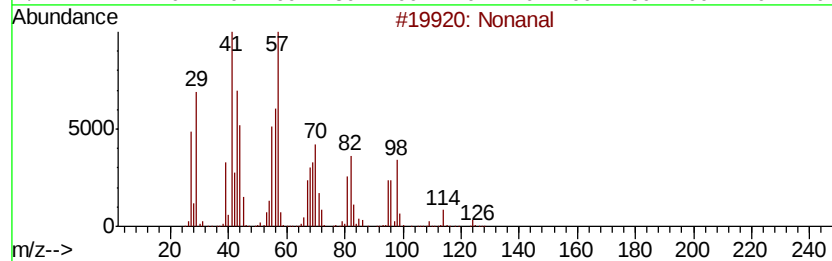
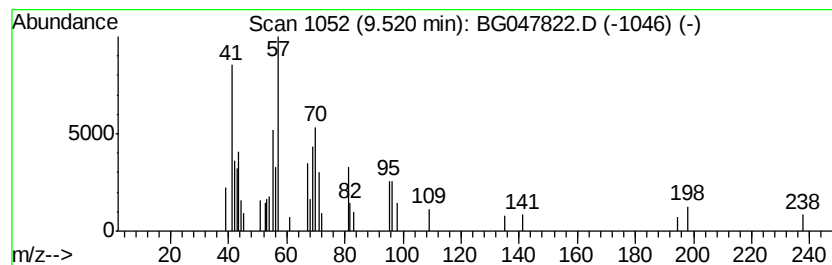
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.22 ng/ul	26827	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	38
2		Pentaerythritol	136	C5H12O4	000115-77-5	35
3		Pentaerythritol	136	C5H12O4	000115-77-5	35
4		1,1-Dodecanediol, diacetate	286	C16H30O4	056438-07-4	27
5		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	27



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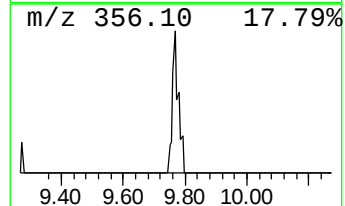
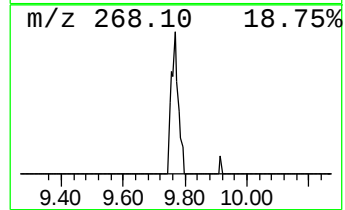
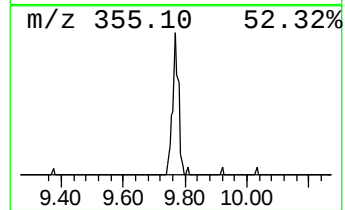
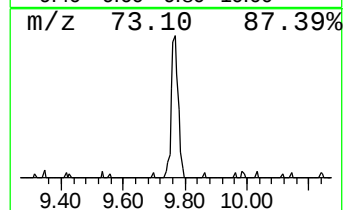
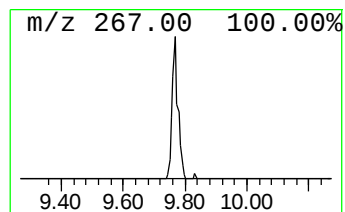
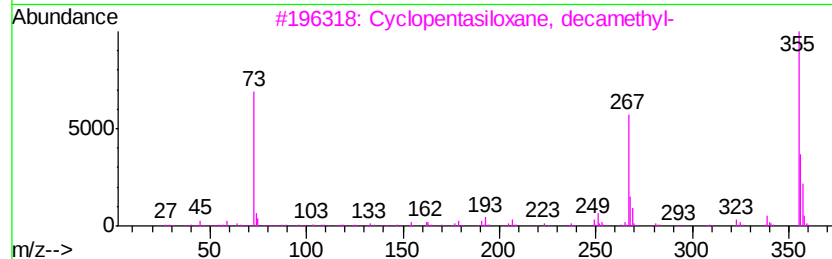
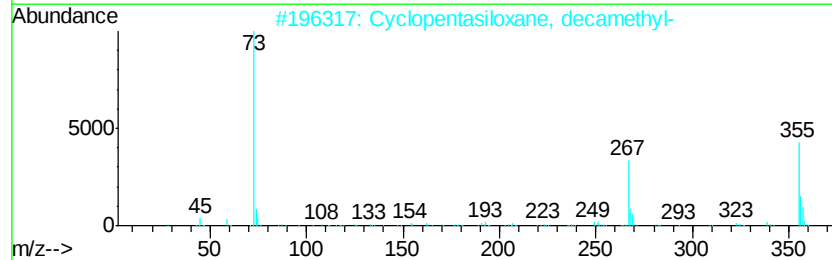
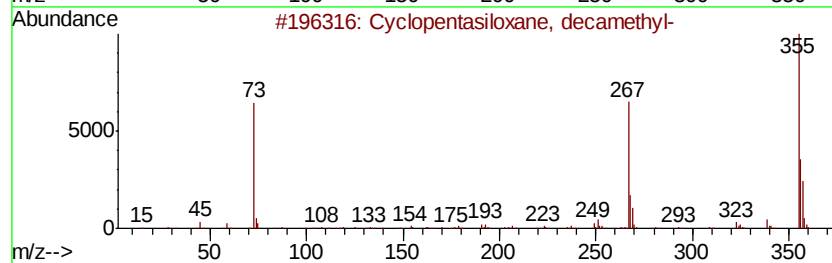
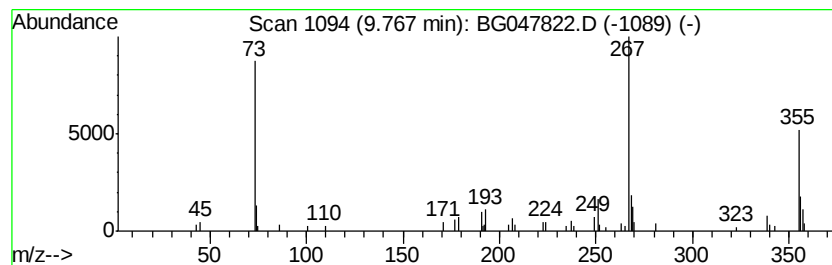
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Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.80 ng/ul	43816	Naphthalene-d8	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
4		4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	37
5		Benzoic acid, 4-[(trimethylsilyl)...	282	C13H22O3Si2	002078-13-9	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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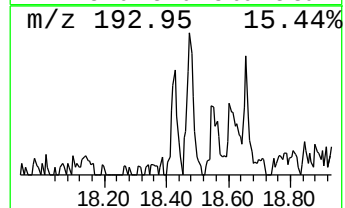
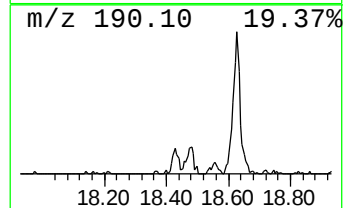
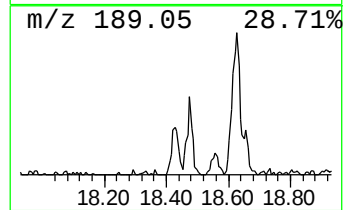
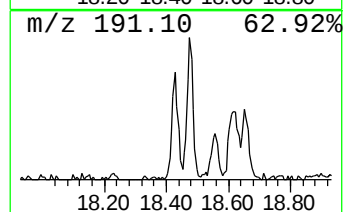
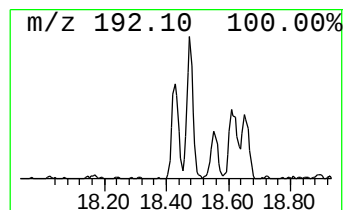
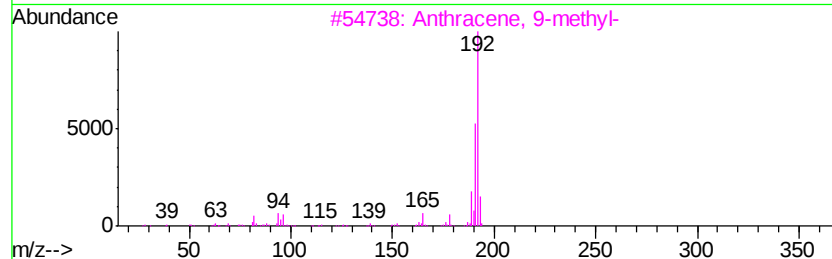
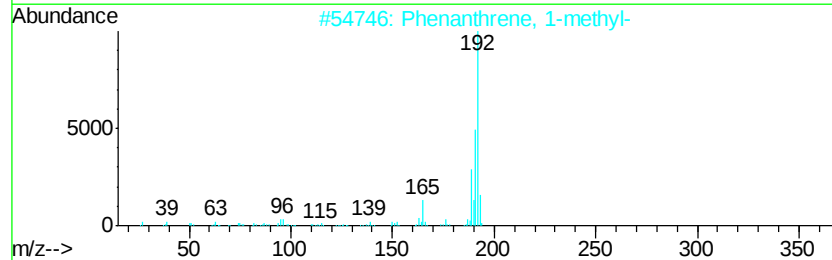
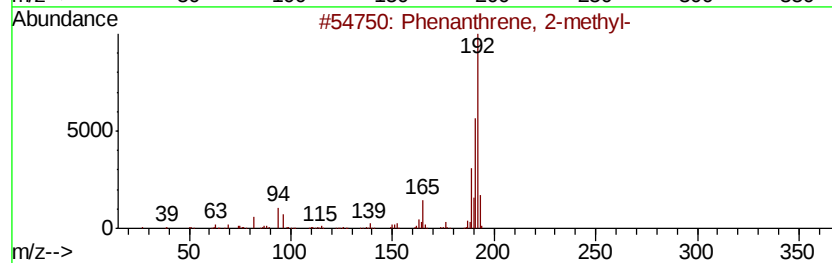
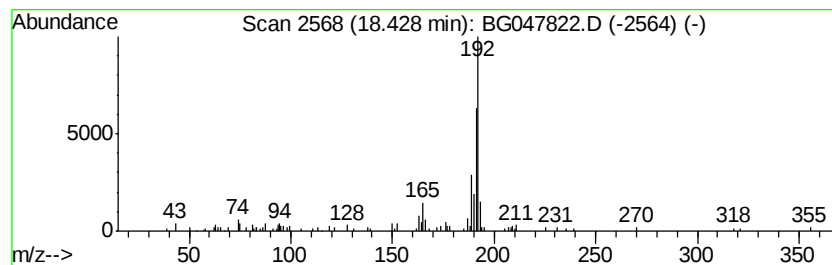
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.51 ng/ul	71051	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87	
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76	
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
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Sample : L5149-06
Misc :
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Instrument :
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ClientSampleId :
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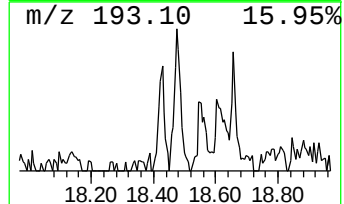
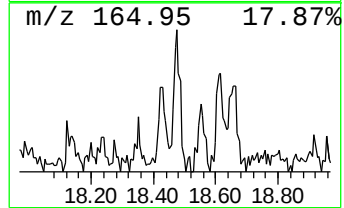
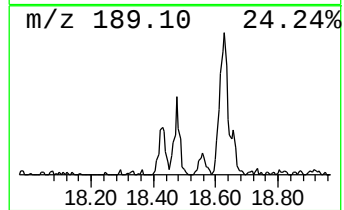
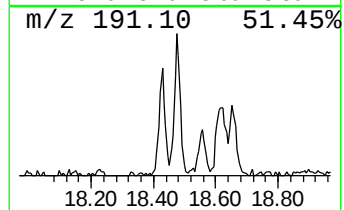
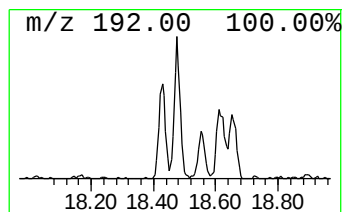
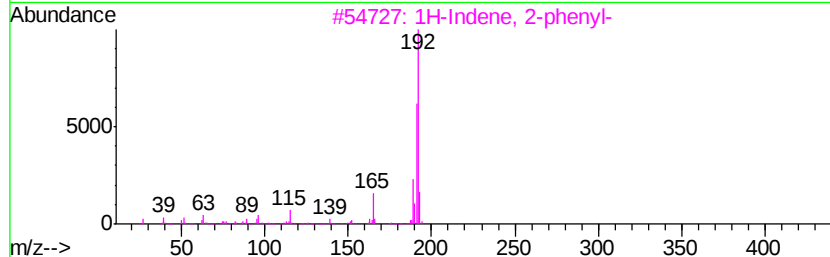
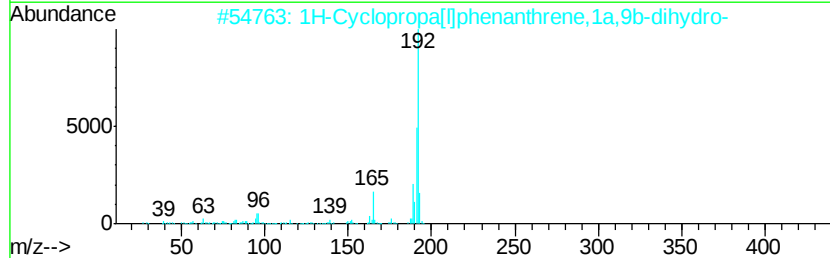
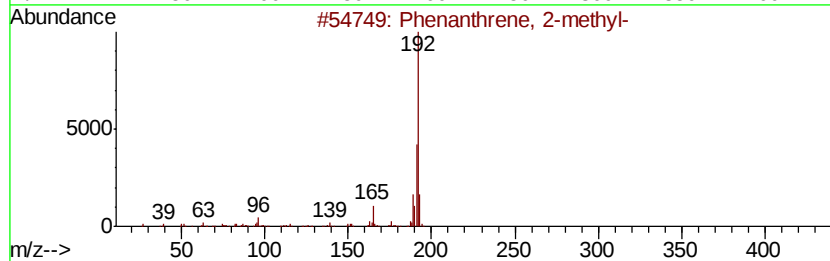
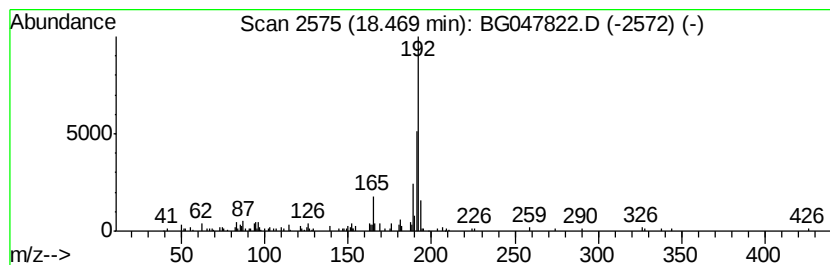
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Cyclopropa[1]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.60 ng/ul	102199	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
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Sample : L5149-06
Misc :
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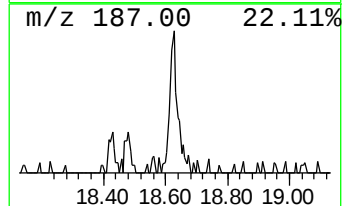
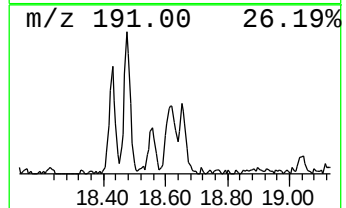
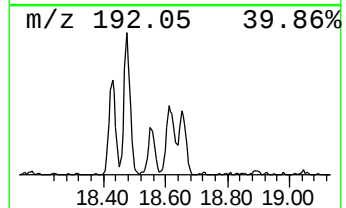
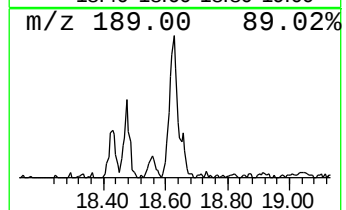
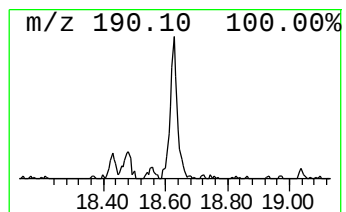
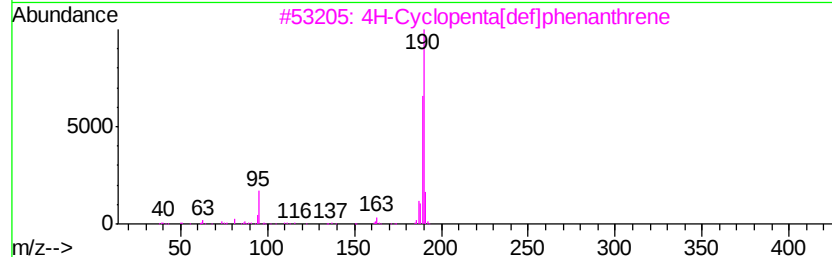
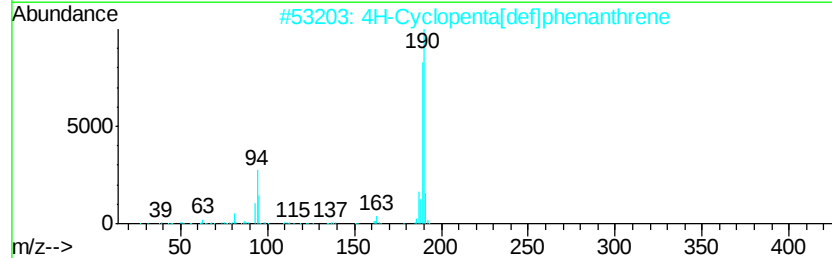
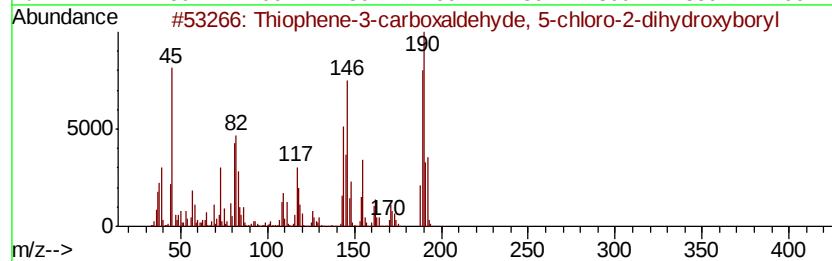
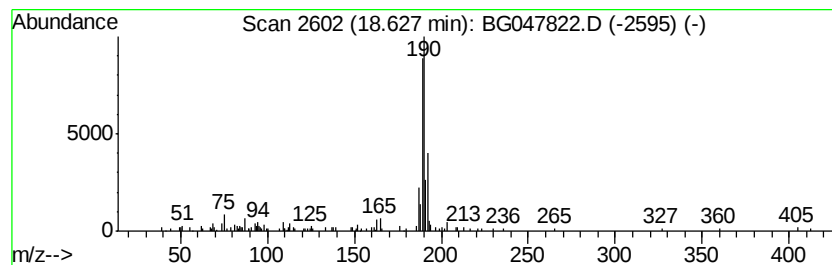
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Thiophene-3-carboxaldehyde,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.48 ng/ul	127184	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	80
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5		1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
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Instrument :
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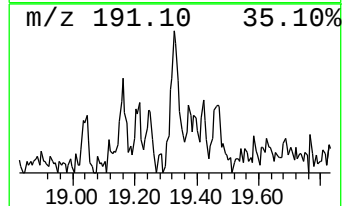
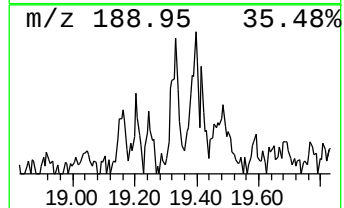
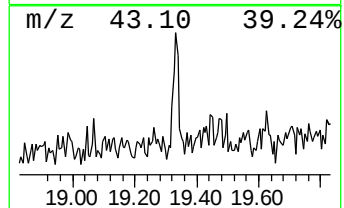
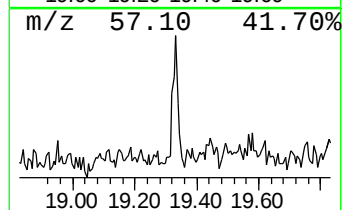
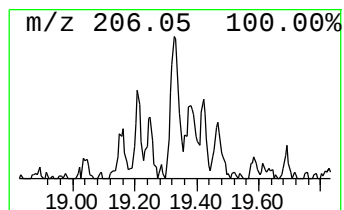
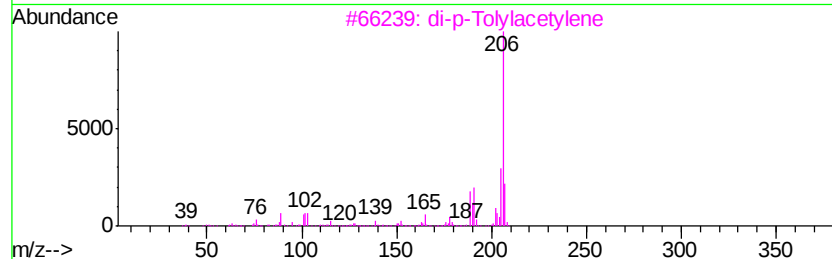
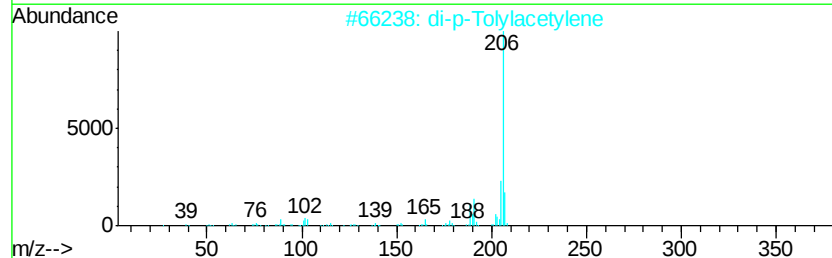
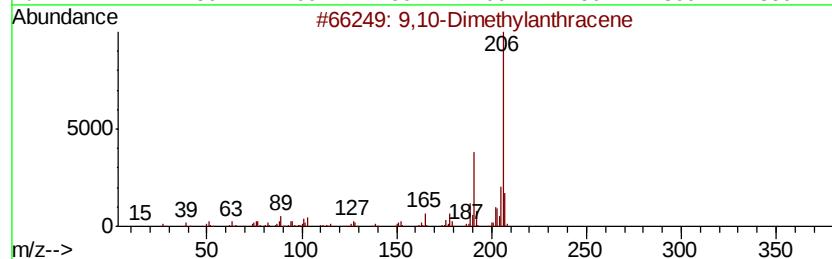
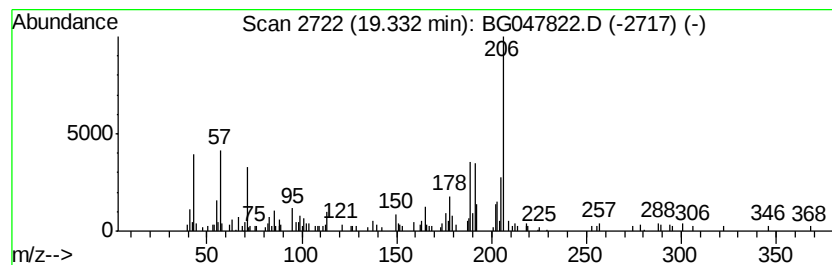
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.44 ng/ul	69097	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	76
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	74
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	74
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	72
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
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Sample : L5149-06
Misc :
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ClientSampleId :
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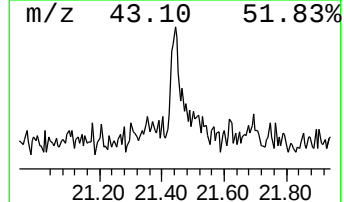
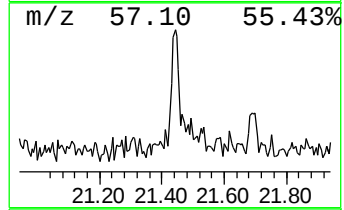
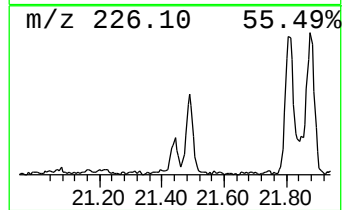
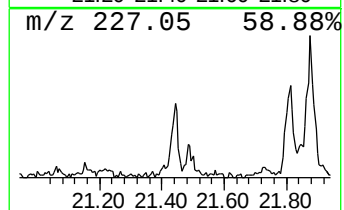
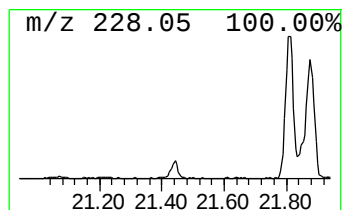
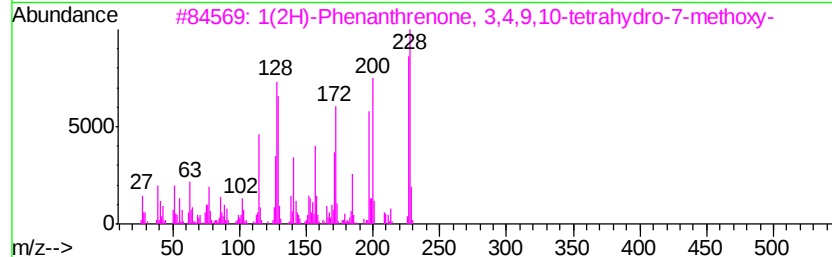
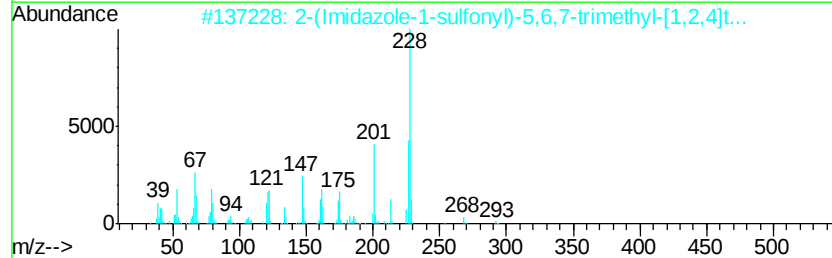
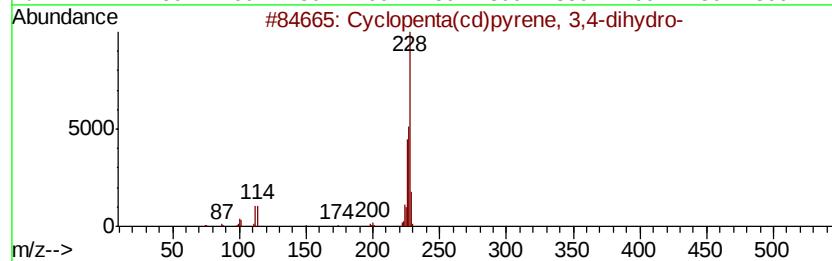
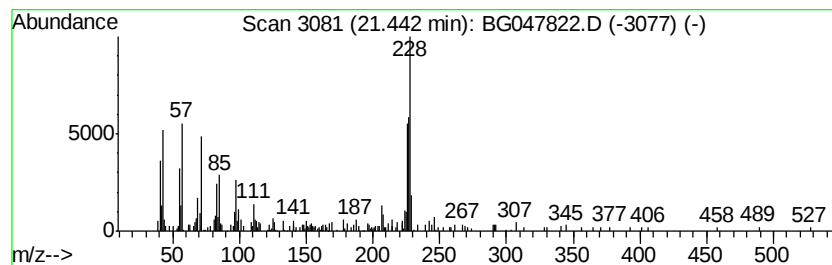
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.05 ng/ul	99610	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
2		2-(Imidazole-1-sulfonyl)-5,6,7-t...	292	C11H12N6O2S	1000301-20-1	35
3		1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	35
4		Triphenylene	228	C18H12	000217-59-4	30
5		Benzo[c]phenanthrene	228	C18H12	000195-19-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
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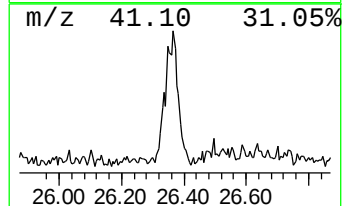
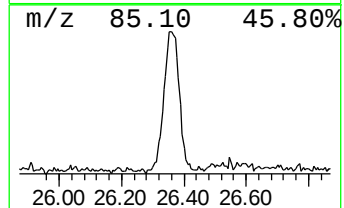
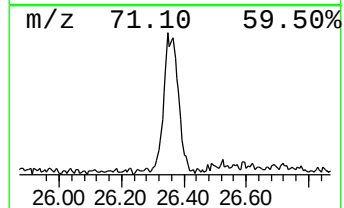
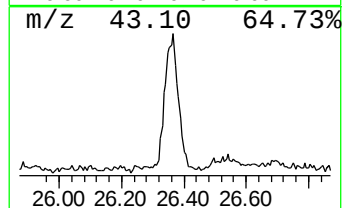
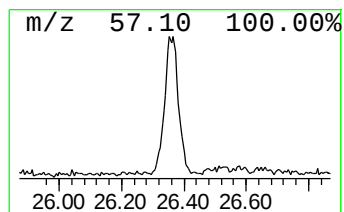
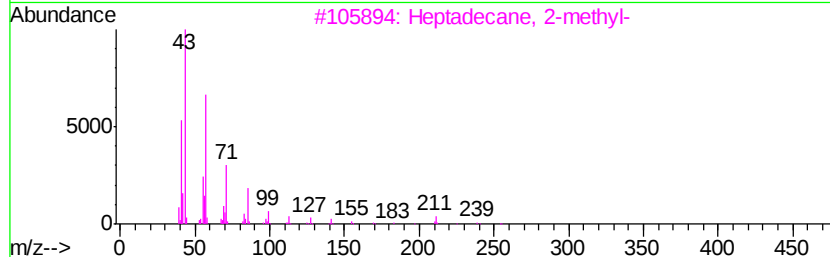
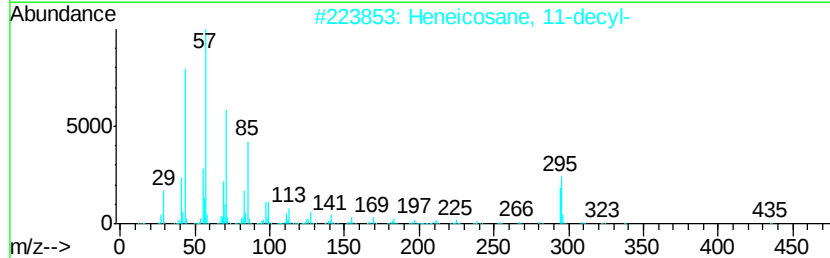
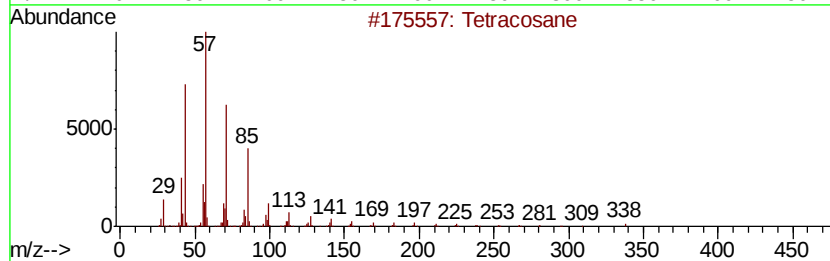
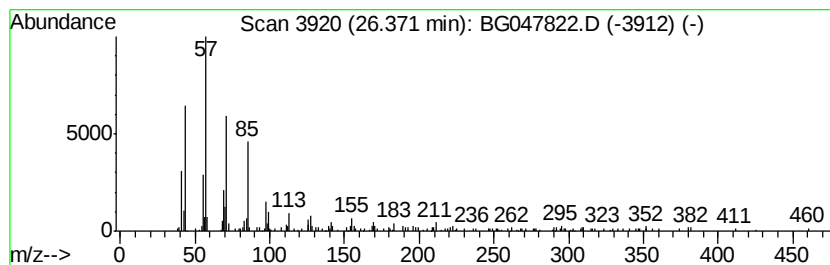
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.37	15.99 ng/ul	389331	Perylene-d12	25.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122320\
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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
1,3,5-Cycloheptat...	4.30	4.9	ng/ul	58992	1	8.20	241282	20.0
unknown-01	9.52	2.2	ng/ul	26827	1	8.20	241282	20.0
Cyclopentasiloxan...	9.77	2.8	ng/ul	43816	2	11.02	312877	20.0
Phenanthrene, 2-m...	18.43	2.5	ng/ul	71051	4	17.56	567258	20.0
1H-Cyclopropa[l]p...	18.47	3.6	ng/ul	102199	4	17.56	567258	20.0
Thiophene-3-carbo...	18.63	4.5	ng/ul	127184	4	17.56	567258	20.0
9,10-Dimethylanth...	19.33	2.4	ng/ul	69097	4	17.56	567258	20.0
unknown-02	21.44	2.0	ng/ul	99610	5	21.83	971938	20.0
(DEL) Alkane: Str...	26.37	16.0	ng/ul	389331	6	25.18	486932	20.0