

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043112.D
 Acq On : 9 Oct 2019 20:58
 Operator : JU
 Sample : K5175-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP89

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-BG100919MA.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	3.159	7	12	21	rBV	249559	531852	29.53%	2.413%
2	3.235	21	25	42	rVB	451992	759561	42.18%	3.446%
3	3.499	67	70	78	rVB5	9578	15878	0.88%	0.072%
4	3.922	140	142	144	rVB2	3036	2203	0.12%	0.010%
5	4.022	155	159	168	rBV2	15002	23627	1.31%	0.107%
6	4.146	176	180	184	rVB4	5201	6997	0.39%	0.032%
7	4.234	193	195	196	rBV3	2384	2291	0.13%	0.010%
8	4.469	233	235	239	rVB4	2475	2612	0.15%	0.012%
9	4.786	286	289	290	rBV2	2422	2871	0.16%	0.013%
10	5.156	345	352	358	rBV	13531	23596	1.31%	0.107%
11	5.808	460	463	469	rBV4	3766	5094	0.28%	0.023%
12	6.725	614	619	621	rBV	1632	2362	0.13%	0.011%
13	7.224	697	704	720	rBV	112685	285359	15.85%	1.295%
14	7.383	724	731	742	rBV	106268	207354	11.51%	0.941%
15	7.595	760	767	777	rBV	147990	289181	16.06%	1.312%
16	8.053	837	845	856	rBV	170071	325109	18.05%	1.475%
17	8.770	959	967	981	rBV2	113472	273654	15.20%	1.241%
18	9.216	1035	1043	1053	rBV2	151534	315351	17.51%	1.431%
19	9.645	1111	1116	1118	rBV4	4740	5886	0.33%	0.027%
20	9.745	1130	1133	1136	rBV	1522	2393	0.13%	0.011%
21	9.939	1157	1166	1180	rBV2	131106	280852	15.60%	1.274%
22	10.427	1243	1249	1252	rBV3	2352	4270	0.24%	0.019%
23	10.485	1252	1259	1271	rBV	163964	388717	21.59%	1.763%
24	10.861	1314	1323	1335	rBV	252414	494264	27.45%	2.242%
25	10.996	1339	1346	1365	rBV	88388	252066	14.00%	1.144%
26	11.226	1382	1385	1390	rVB2	2611	4179	0.23%	0.019%
27	11.325	1397	1402	1405	rBV2	1766	2919	0.16%	0.013%
28	12.266	1558	1562	1564	rBV2	1866	2698	0.15%	0.012%
29	12.448	1588	1593	1596	rBV3	3166	4252	0.24%	0.019%
30	12.518	1600	1605	1610	rBV	2462	5084	0.28%	0.023%
31	12.736	1639	1642	1646	rVB3	2300	3679	0.20%	0.017%
32	13.329	1741	1743	1746	rVB	1995	2278	0.13%	0.010%
33	13.499	1770	1772	1773	rBV2	2863	2343	0.13%	0.011%
34	13.576	1780	1785	1788	rVB2	2778	5132	0.28%	0.023%

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35	13.811	1818	1825	1828	rBV2	1245	3132	0.17%	0.014%
36	13.922	1837	1844	1845	rBV2	5397	6987	0.39%	0.032%
37	13.993	1854	1856	1861	rVB3	3070	4572	0.25%	0.021%
38	14.075	1864	1870	1875	rVV	474926	738699	41.02%	3.351%
39	14.122	1875	1878	1889	rVB	195296	296868	16.49%	1.347%
40	14.322	1910	1912	1914	rBV2	2576	2735	0.15%	0.012%
41	14.369	1914	1920	1936	rVB2	504658	877933	48.75%	3.983%
42	14.674	1965	1972	1980	rBV2	465869	755895	41.97%	3.429%
43	14.739	1980	1983	1989	rVB4	12005	17569	0.98%	0.080%
44	14.821	1992	1997	2003	rBV4	8724	15714	0.87%	0.071%
45	14.921	2005	2014	2037	rBV	874090	1769203	98.24%	8.026%
46	15.186	2058	2059	2061	rVB2	5033	2347	0.13%	0.011%
47	15.291	2073	2077	2080	rBV6	2919	4692	0.26%	0.021%
48	15.344	2084	2086	2089	rVB3	3698	3926	0.22%	0.018%
49	15.450	2102	2104	2105	rBV	4240	2869	0.16%	0.013%
50	15.667	2130	2141	2148	rBV	676543	1120601	62.23%	5.084%
51	15.779	2154	2160	2171	rBV	175145	285730	15.87%	1.296%
52	15.885	2175	2178	2179	rBV3	4140	4151	0.23%	0.019%
53	16.014	2196	2200	2201	rBV4	6159	5720	0.32%	0.026%
54	16.067	2208	2209	2212	rBV3	2172	2381	0.13%	0.011%
55	16.231	2235	2237	2239	rBV3	2903	3008	0.17%	0.014%
56	16.320	2248	2252	2254	rBV3	2909	3737	0.21%	0.017%
57	16.349	2254	2257	2258	rBV	2254	2226	0.12%	0.010%
58	16.378	2258	2262	2263	rBV	6119	7031	0.39%	0.032%
59	16.455	2273	2275	2278	rVB3	4407	4042	0.22%	0.018%
60	16.960	2357	2361	2364	rBV3	5257	8573	0.48%	0.039%
61	17.072	2377	2380	2387	rVB4	8184	15942	0.89%	0.072%
62	17.125	2387	2389	2391	rBV3	2818	2597	0.14%	0.012%
63	17.172	2391	2397	2402	rVV9	10875	18113	1.01%	0.082%
64	17.301	2417	2419	2420	rBV2	3425	3426	0.19%	0.016%
65	17.418	2433	2439	2444	rBV2	587126	982211	54.54%	4.456%
66	17.459	2444	2446	2451	rVV	191237	262749	14.59%	1.192%
67	17.518	2451	2456	2468	rVB	715524	1223976	67.97%	5.553%
68	17.777	2498	2500	2502	rBV2	3634	3074	0.17%	0.014%
69	17.824	2504	2508	2517	rBV4	19345	53256	2.96%	0.242%
70	18.000	2536	2538	2544	rVB5	11075	15885	0.88%	0.072%
71	18.117	2556	2558	2559	rBV2	4980	2736	0.15%	0.012%

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72	18.305	2584	2590	2593	rBV3	80028	151824	8.43%	0.689%
73	18.488	2616	2621	2625	rBV4	70659	136123	7.56%	0.618%
74	18.793	2669	2673	2675	rBV2	27661	38099	2.12%	0.173%
75	18.828	2676	2679	2690	rVB4	36463	70217	3.90%	0.319%
76	19.204	2740	2743	2748	rBV	41471	71293	3.96%	0.323%
77	19.345	2762	2767	2772	rBV8	38260	76224	4.23%	0.346%
78	19.469	2782	2788	2795	rBV	568192	831186	46.16%	3.771%
79	19.804	2839	2845	2848	rBV	1105759	1800822	100.00%	8.170%
80	20.321	2930	2933	2938	rVB2	107974	156653	8.70%	0.711%
81	20.421	2946	2950	2954	rBV	74907	101608	5.64%	0.461%
82	21.572	3142	3146	3153	rVB	217192	314086	17.44%	1.425%
83	21.684	3157	3165	3170	rBV2	753071	1712763	95.11%	7.770%
84	21.884	3196	3199	3207	rVB2	68013	103111	5.73%	0.468%
85	22.489	3298	3302	3309	rVB3	130725	211718	11.76%	0.960%
86	23.887	3533	3540	3548	rBV2	200482	670966	37.26%	3.044%
87	24.604	3658	3662	3667	rBV	82247	163335	9.07%	0.741%
88	24.686	3669	3676	3683	rVV	470607	1205409	66.94%	5.468%
89	24.910	3706	3714	3724	rBV2	396551	1157428	64.27%	5.251%

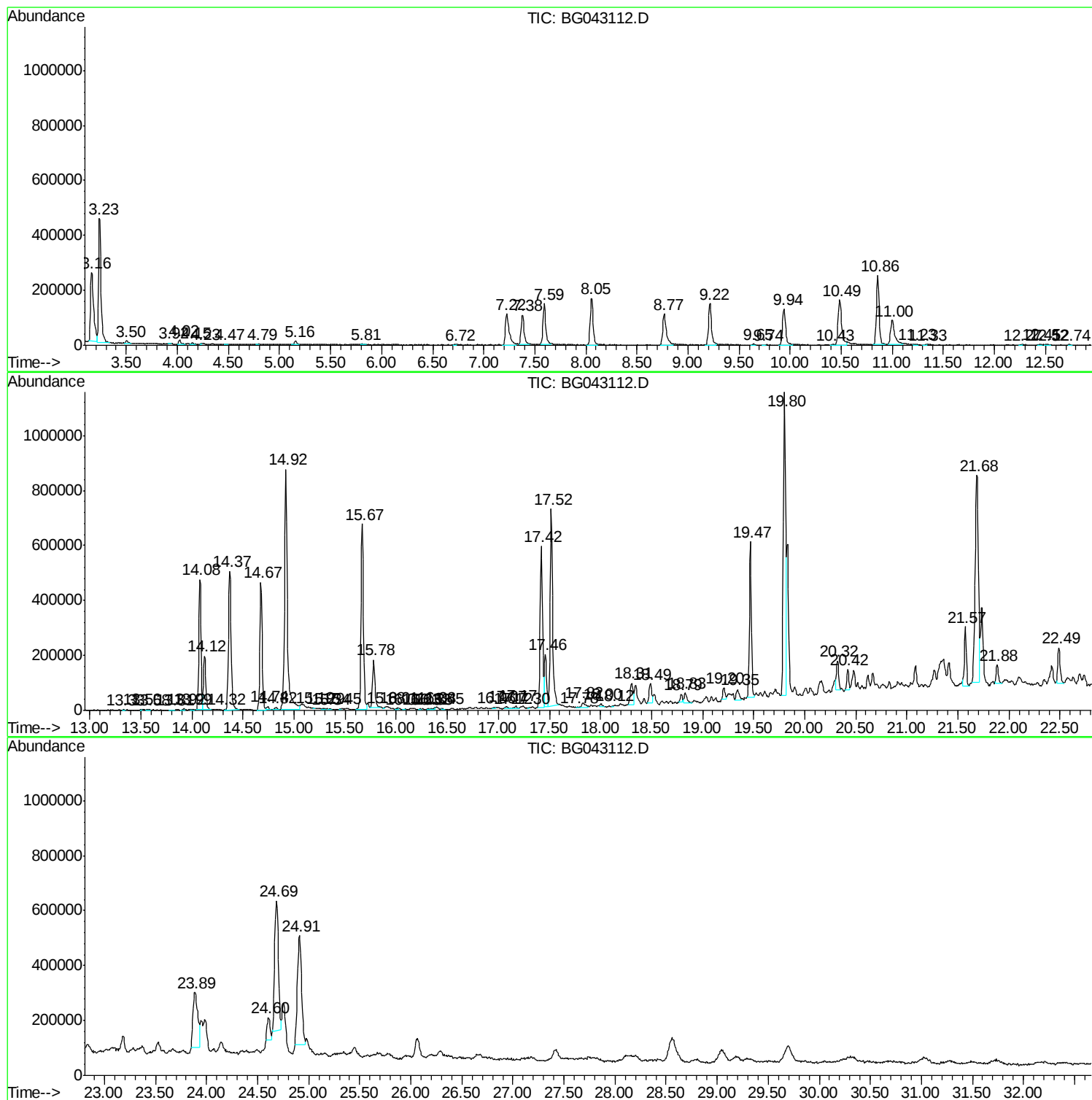
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



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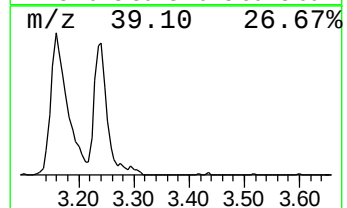
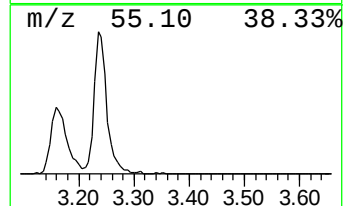
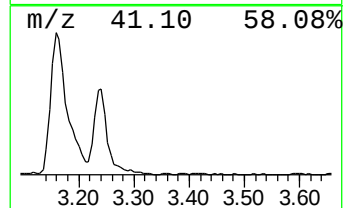
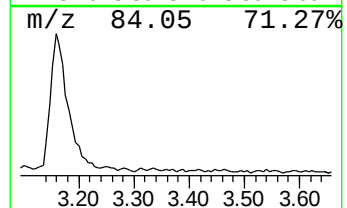
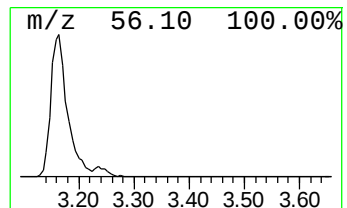
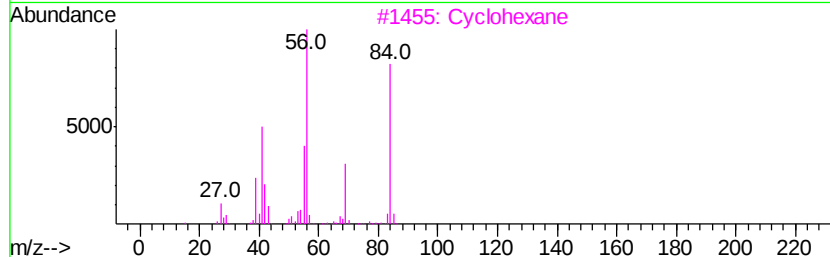
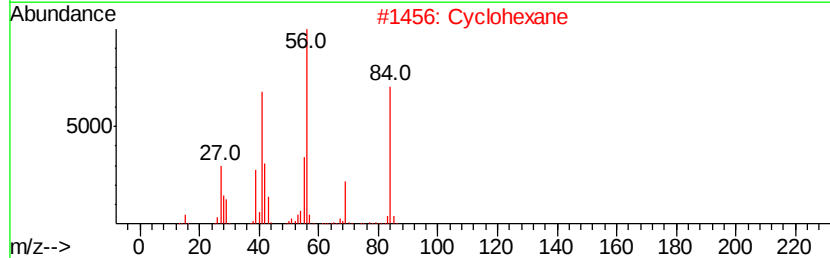
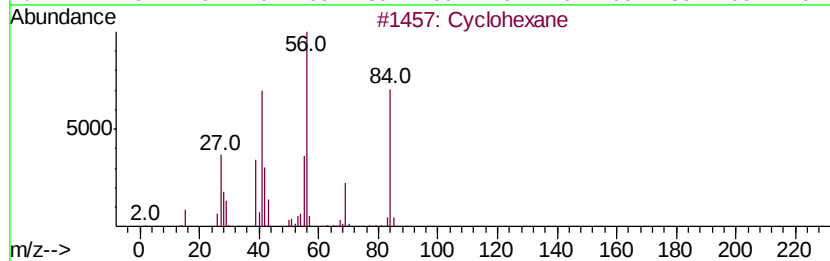
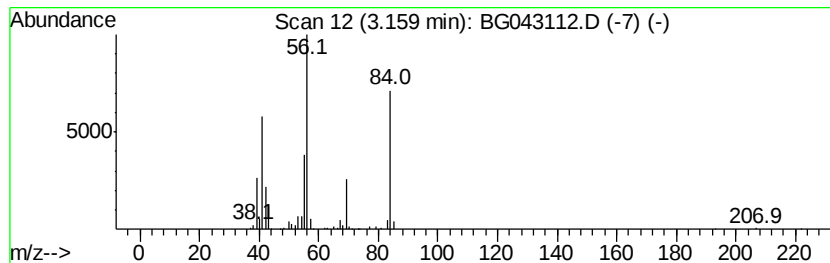
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	32.72 ng/ul	531852	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	91
2		Cyclohexane	84	C6H12	000110-82-7	91
3		Cyclohexane	84	C6H12	000110-82-7	91
4		Cyclohexane	84	C6H12	000110-82-7	91
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80



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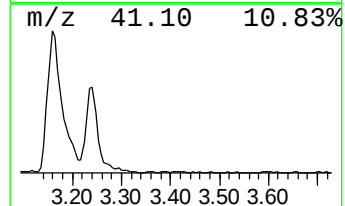
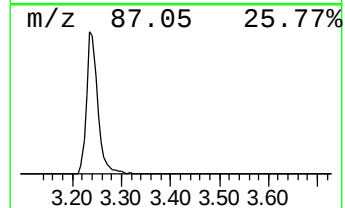
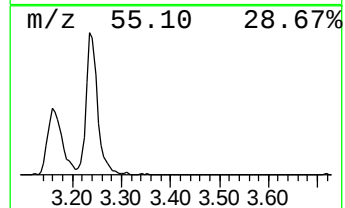
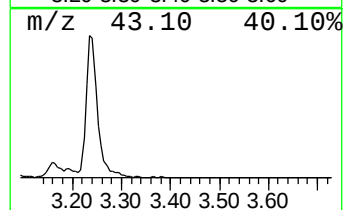
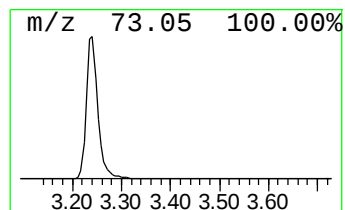
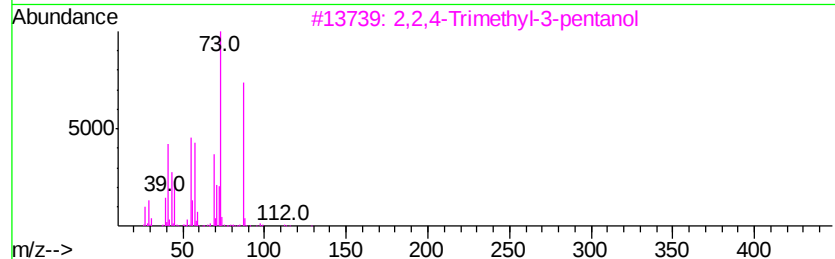
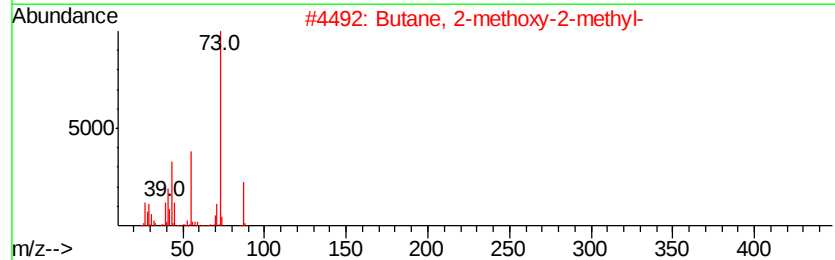
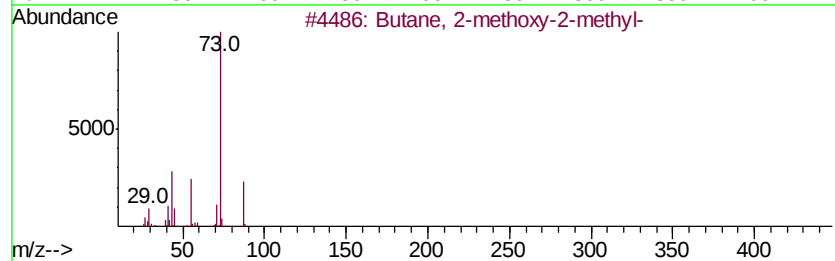
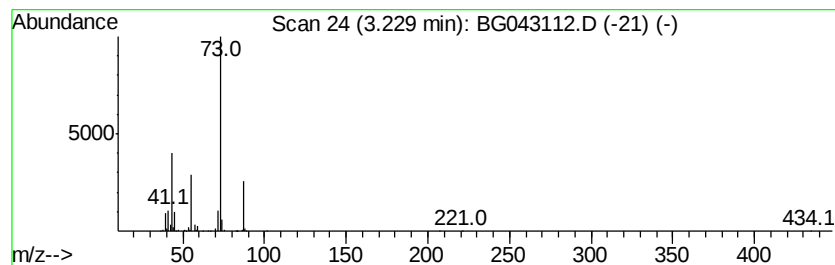
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	46.73 ng/ul	759561	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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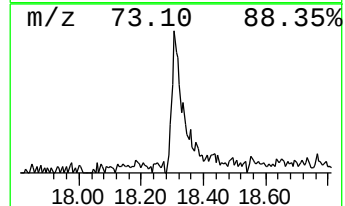
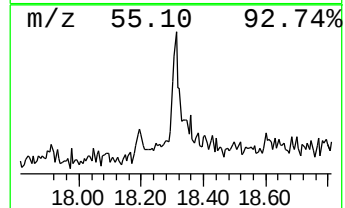
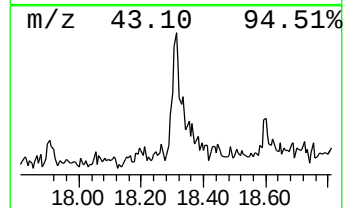
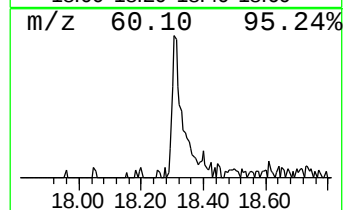
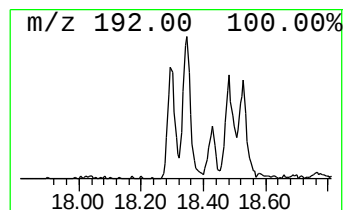
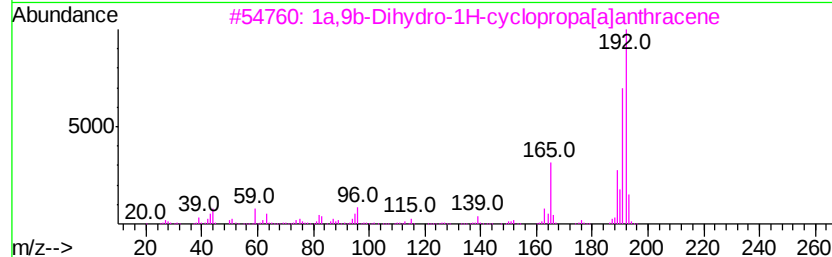
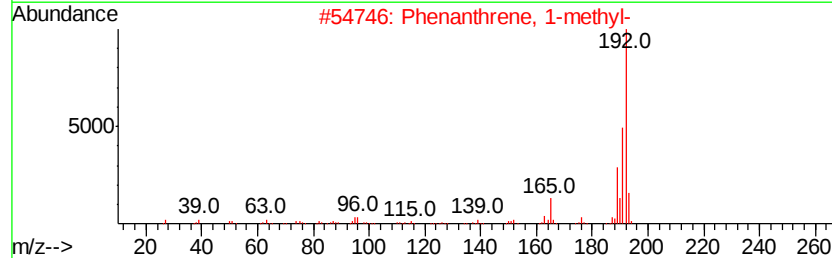
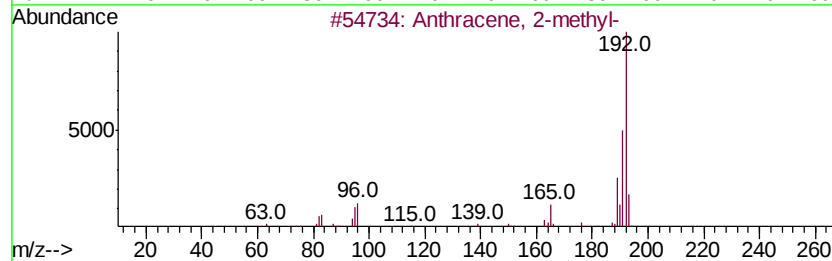
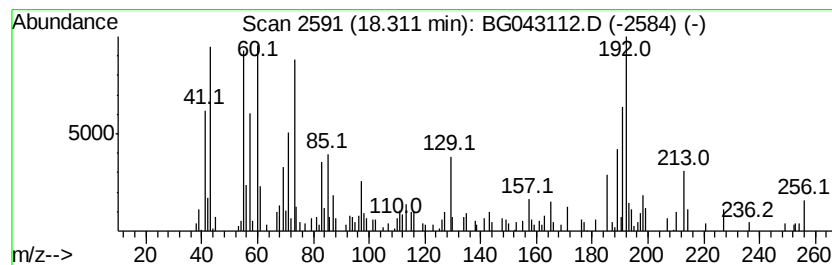
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.09 ng/ul	151824	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3		1a,9b-Dihydro-1H-cyclopropa[fa]lan...	192	C15H12	006109-24-6	50
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50



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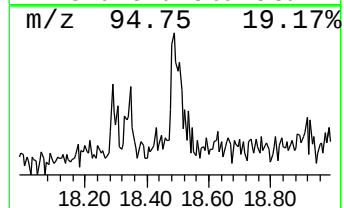
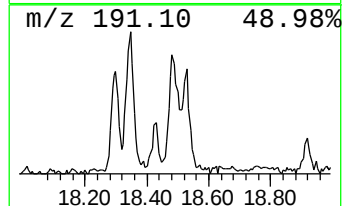
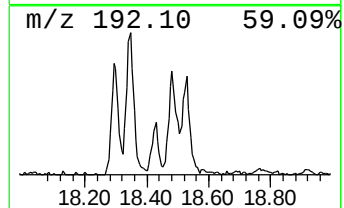
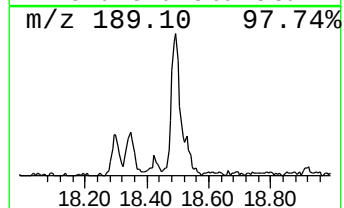
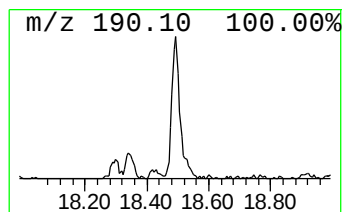
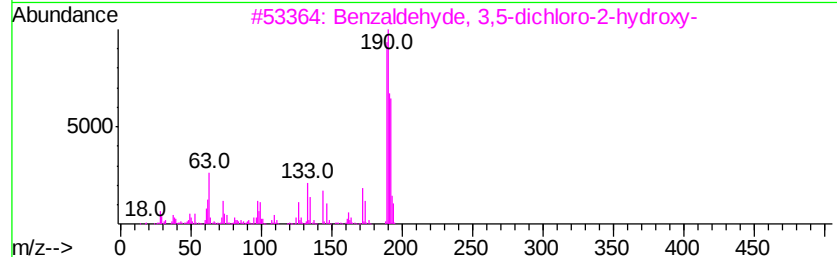
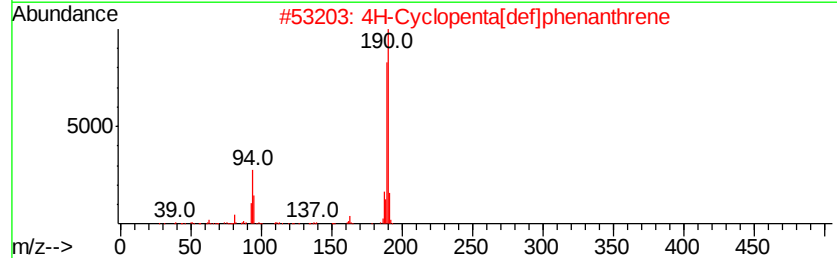
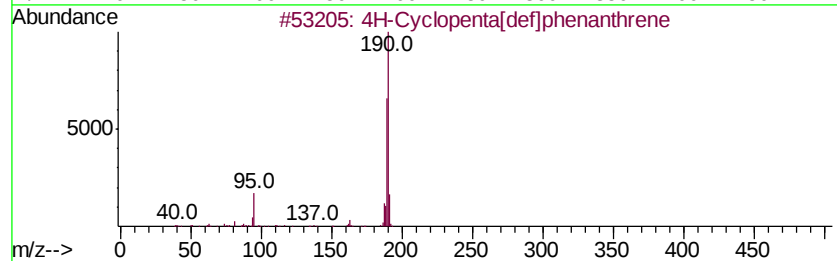
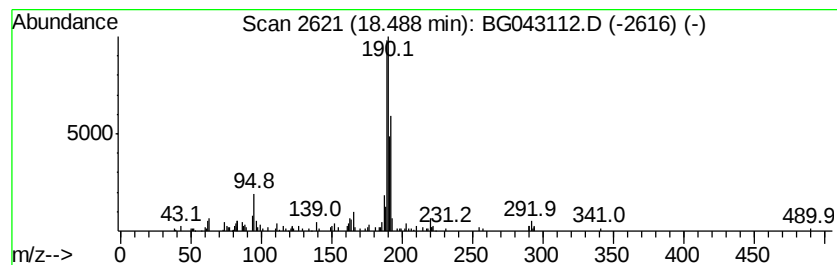
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.77 ng/ul	136123	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043112.D
Acq On : 9 Oct 2019 20:58
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP89

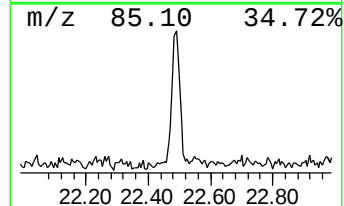
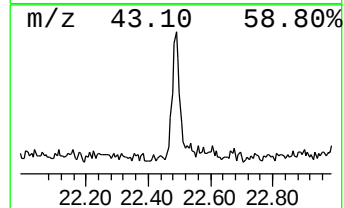
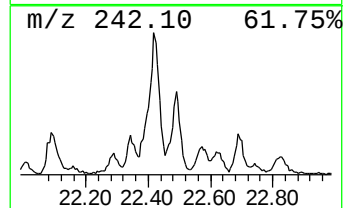
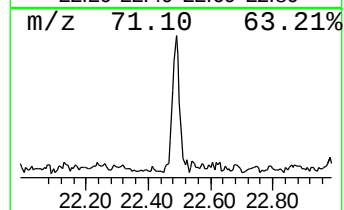
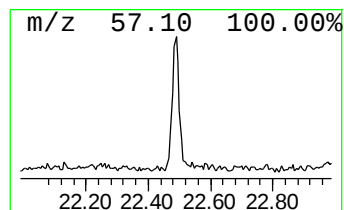
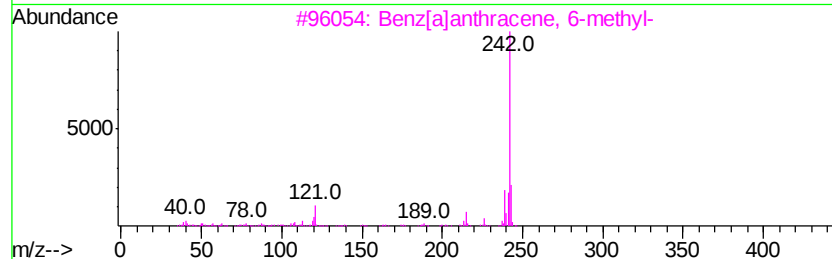
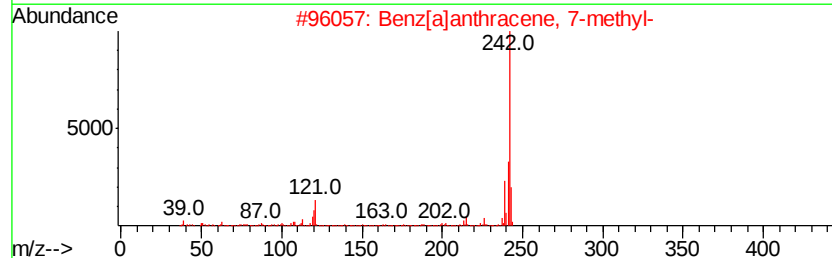
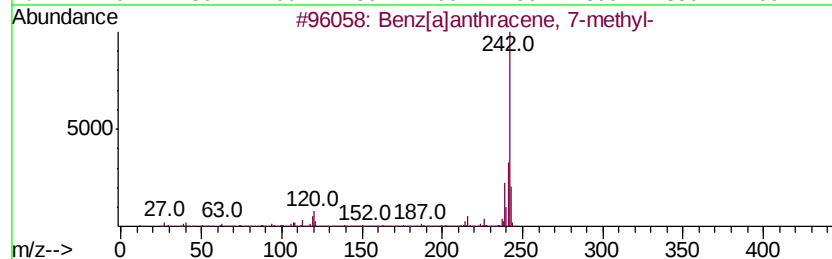
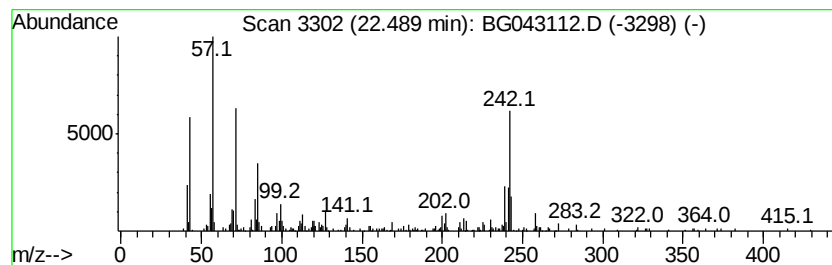
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.47 ng/ul	211718	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	42
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	42
3		Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	30
4		Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	30
5		Chrysene, 5-methyl-	242	C19H14	003697-24-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043112.D
Acq On : 9 Oct 2019 20:58
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.16	32.7	ng/ul	531852	1	8.06	325109	20.0
Butane, 2-methoxy...	3.23	46.7	ng/ul	759561	1	8.06	325109	20.0
Anthracene, 2-met...	18.31	3.1	ng/ul	151824	4	17.42	982211	20.0
4H-Cyclopenta[def...	18.49	2.8	ng/ul	136123	4	17.42	982211	20.0
unknown-01	22.49	2.5	ng/ul	211718	5	21.69	1712760	20.0