

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023220.D
 Acq On : 17 Oct 2019 14:02
 Operator : JU
 Sample : K5199-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP79DL

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_M\METHODS\SOM-EPA-BM101419MA.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	3.687	115	119	126	rVB3	44548	64339	0.69%	0.088%
2	3.905	152	156	162	rVB	38269	57919	0.63%	0.079%
3	4.816	305	311	315	rBV9	9530	23222	0.25%	0.032%
4	4.916	322	328	329	rBV6	11414	19510	0.21%	0.027%
5	5.205	371	377	383	rBV	40439	62059	0.67%	0.085%
6	5.334	394	399	404	rBV6	9921	18996	0.21%	0.026%
7	5.675	452	457	467	rVB	200804	324530	3.50%	0.443%
8	6.181	536	543	550	rVB3	29309	49606	0.54%	0.068%
9	6.663	621	625	633	rBV	15720	28065	0.30%	0.038%
10	6.846	648	656	664	rBV	282139	492738	5.32%	0.672%
11	7.004	675	683	691	rBV	233448	414667	4.48%	0.565%
12	7.204	710	717	723	rBV	315086	495455	5.35%	0.676%
13	7.322	732	737	741	rBV7	17350	29091	0.31%	0.040%
14	7.669	789	796	803	rBV	1809636	2850194	30.76%	3.886%
15	7.740	806	808	815	rVB7	7363	11867	0.13%	0.016%
16	8.216	884	889	896	rVB7	8740	23034	0.25%	0.031%
17	8.375	910	916	925	rBV	292271	492970	5.32%	0.672%
18	8.487	932	935	943	rVB3	16096	27126	0.29%	0.037%
19	8.816	983	991	999	rBV	286432	474391	5.12%	0.647%
20	9.540	1106	1114	1121	rBV	211418	360615	3.89%	0.492%
21	9.875	1168	1171	1177	rBV8	7876	17112	0.18%	0.023%
22	10.081	1199	1206	1214	rVB	369511	639315	6.90%	0.872%
23	10.451	1260	1269	1276	rBV	2372698	4029454	43.49%	5.494%
24	10.498	1276	1277	1284	rVV	43761	55574	0.60%	0.076%
25	10.586	1286	1292	1304	rVV	130473	269333	2.91%	0.367%
26	11.510	1447	1449	1457	rVB8	7420	14501	0.16%	0.020%
27	11.916	1511	1518	1521	rBV6	15876	25485	0.28%	0.035%
28	12.045	1538	1540	1544	rBV5	9380	11920	0.13%	0.016%
29	12.128	1547	1554	1561	rBV3	26133	54559	0.59%	0.074%
30	12.345	1586	1591	1600	rBV3	23082	40820	0.44%	0.056%
31	12.963	1690	1696	1702	rVB3	15078	31331	0.34%	0.043%
32	13.163	1728	1730	1734	rVB5	17144	22151	0.24%	0.030%
33	13.345	1756	1761	1762	rBV5	10591	11747	0.13%	0.016%
34	13.498	1780	1787	1791	rVB7	17444	36715	0.40%	0.050%

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35	13.645	1806	1812	1816	rBV4	35452	66359	0.72%	0.090%
36	13.733	1822	1827	1831	rBV	656492	879966	9.50%	1.200%
37	13.780	1831	1835	1843	rVB	243484	349941	3.78%	0.477%
38	13.875	1847	1851	1857	rBV7	33348	55460	0.60%	0.076%
39	14.010	1867	1874	1883	rBV2	809982	1464593	15.81%	1.997%
40	14.075	1883	1885	1889	rVV3	56334	75054	0.81%	0.102%
41	14.139	1891	1896	1903	rVB2	40080	90036	0.97%	0.123%
42	14.251	1911	1915	1920	rVB4	24898	32177	0.35%	0.044%
43	14.316	1920	1926	1932	rBV2	3427549	5330801	57.54%	7.269%
44	14.374	1932	1936	1945	rVB2	126963	247505	2.67%	0.337%
45	14.445	1945	1948	1949	rBV3	10520	11775	0.13%	0.016%
46	14.522	1955	1961	1965	rBV2	133812	227179	2.45%	0.310%
47	14.569	1965	1969	1972	rBV2	37536	56794	0.61%	0.077%
48	14.722	1990	1995	2003	rVV4	52193	121396	1.31%	0.166%
49	14.804	2005	2009	2015	rVB	31945	50782	0.55%	0.069%
50	14.945	2029	2033	2038	rVB5	27360	44076	0.48%	0.060%
51	14.998	2038	2042	2044	rBV3	24853	33638	0.36%	0.046%
52	15.151	2064	2068	2072	rVB2	59669	82504	0.89%	0.112%
53	15.204	2073	2077	2082	rVB6	31591	49074	0.53%	0.067%
54	15.316	2085	2096	2101	rBV	1065171	1617350	17.46%	2.205%
55	15.369	2101	2105	2111	rVB	110713	161497	1.74%	0.220%
56	15.439	2114	2117	2120	rBV3	45243	56781	0.61%	0.077%
57	15.498	2123	2127	2130	rBV5	22177	25236	0.27%	0.034%
58	15.545	2131	2135	2137	rBV5	21513	31583	0.34%	0.043%
59	15.669	2152	2156	2159	rBV2	33393	47022	0.51%	0.064%
60	15.880	2189	2192	2193	rBV2	32910	35426	0.38%	0.048%
61	16.427	2281	2285	2289	rBV	167054	224363	2.42%	0.306%
62	16.680	2325	2328	2332	rVB	141516	164300	1.77%	0.224%
63	17.063	2388	2393	2397	rBV2	3988888	5806429	62.67%	7.917%
64	17.104	2397	2400	2405	rVV	1325382	1795959	19.38%	2.449%
65	17.163	2405	2410	2414	rVV	1107120	1657264	17.89%	2.260%
66	17.198	2414	2416	2420	rVB	315301	341542	3.69%	0.466%
67	17.945	2539	2543	2547	rBV	270667	343796	3.71%	0.469%
68	17.992	2547	2551	2555	rVB	414793	563851	6.09%	0.769%
69	18.051	2556	2561	2569	rBV	3686267	4693263	50.66%	6.400%
70	18.139	2571	2576	2580	rBV3	578782	1014095	10.95%	1.383%
71	19.004	2720	2723	2731	rBV4	333561	590163	6.37%	0.805%

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72	19.127	2740	2744	2749	rVB	2872862	3691715	39.85%	5.034%
73	19.462	2797	2801	2803	rBV2	1681695	2296778	24.79%	3.132%
74	19.492	2803	2806	2814	rVB	2742992	3580765	38.65%	4.883%
75	20.968	3055	3057	3064	rVB2	1519071	1718732	18.55%	2.344%
76	21.198	3093	3096	3100	rVB	5829915	6519027	70.36%	8.889%
77	21.256	3100	3106	3110	rBV2	5551686	9264806	100.00%	12.633%
78	23.480	3479	3484	3489	rVB	3570163	6246264	67.42%	8.517%

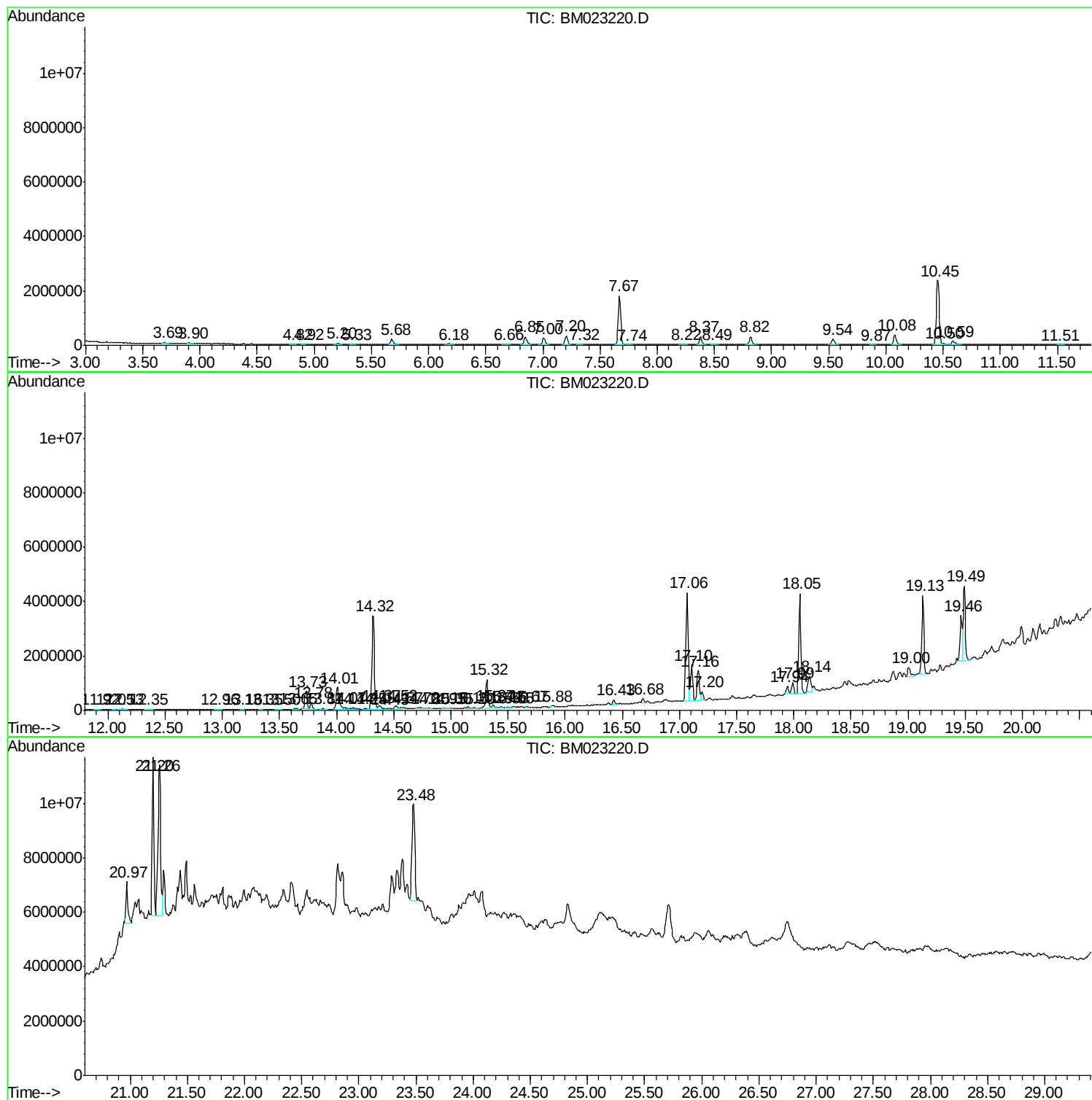
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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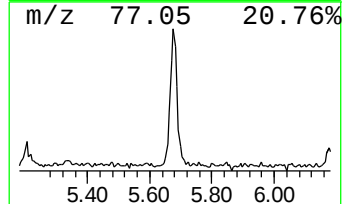
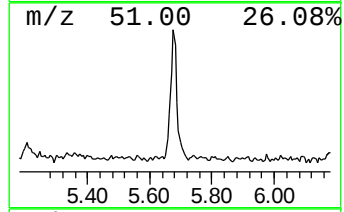
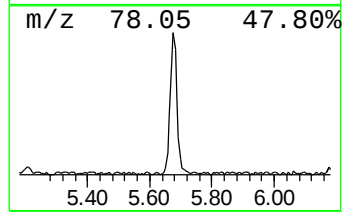
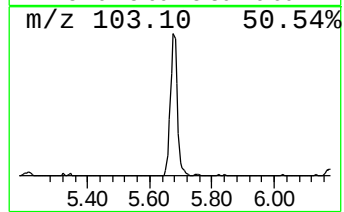
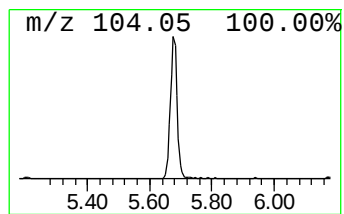
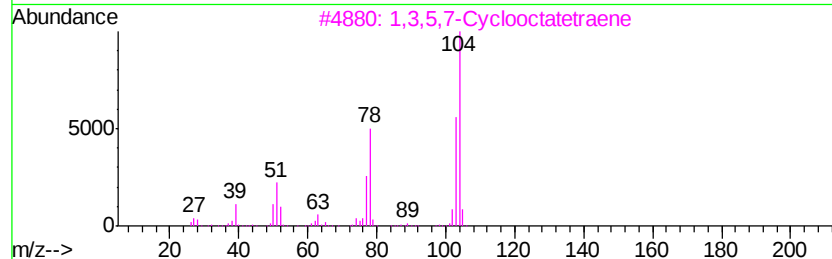
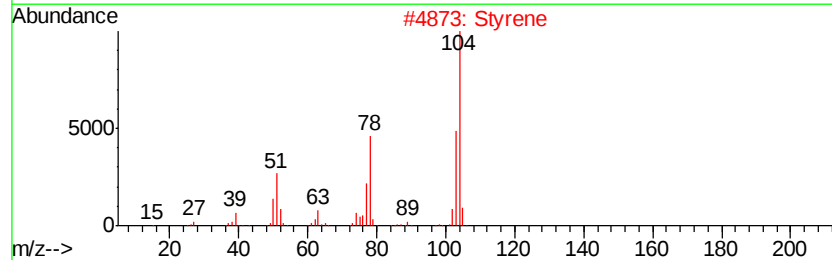
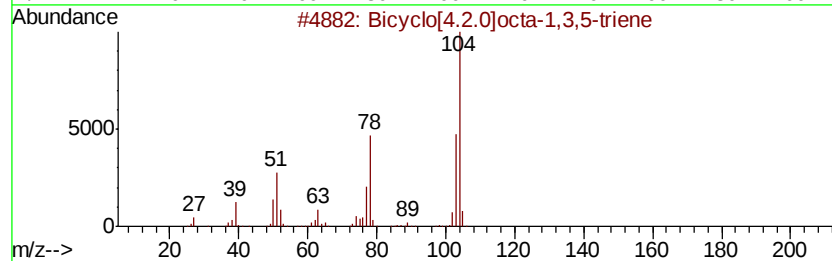
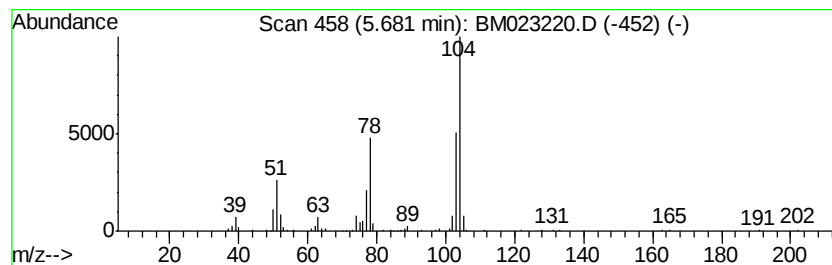
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.28 ng/ul	324530	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2		Styrene	104	C8H8	000100-42-5	95
3		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
5		Styrene	104	C8H8	000100-42-5	94



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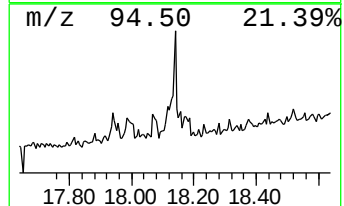
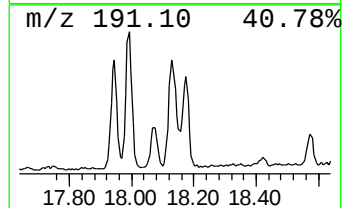
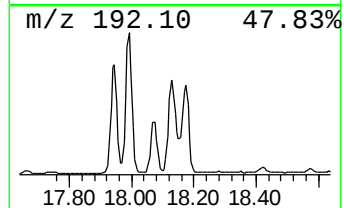
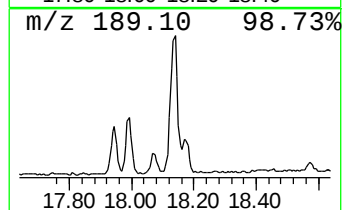
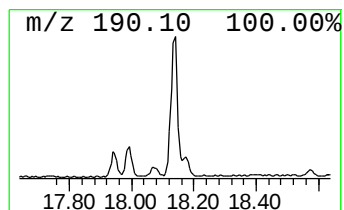
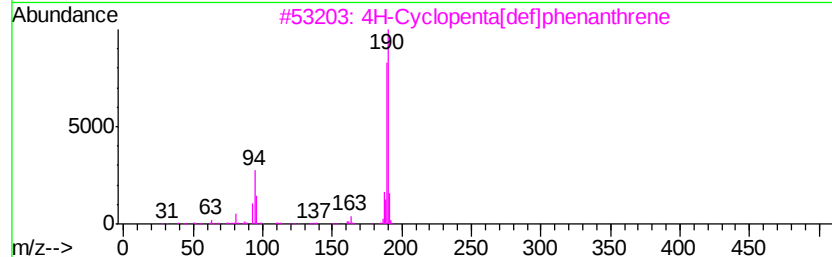
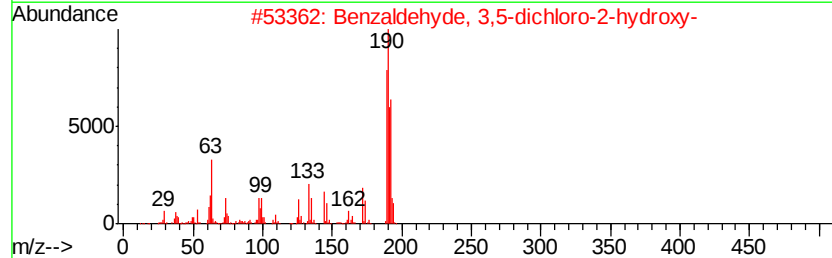
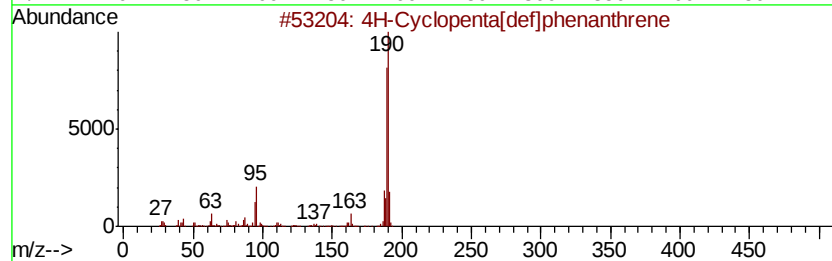
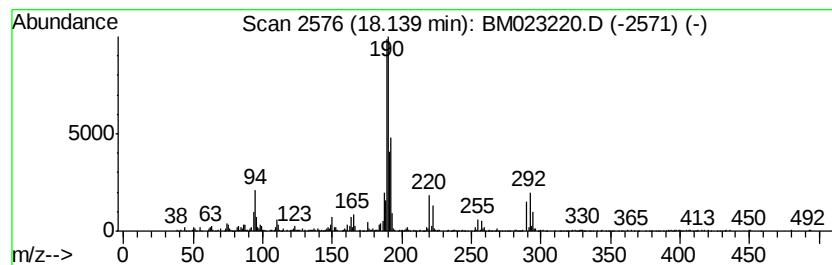
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.14	3.49 ng/ul	1014100	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43



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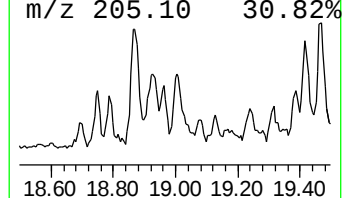
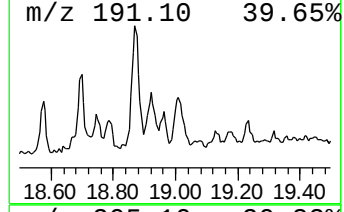
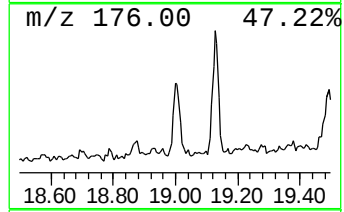
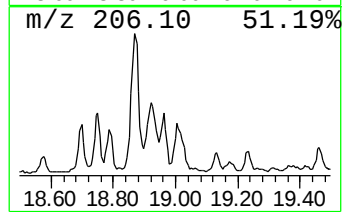
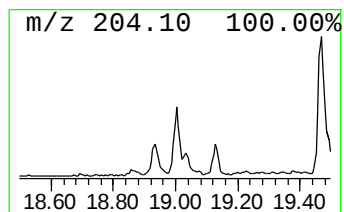
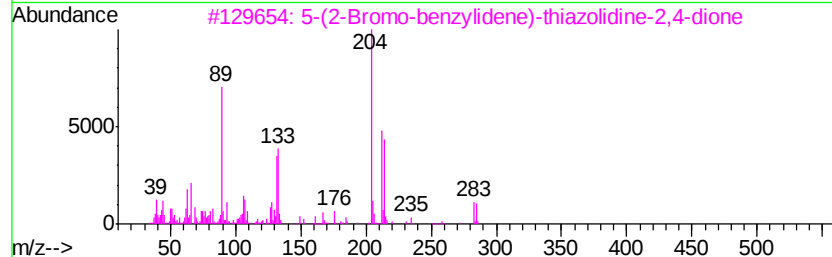
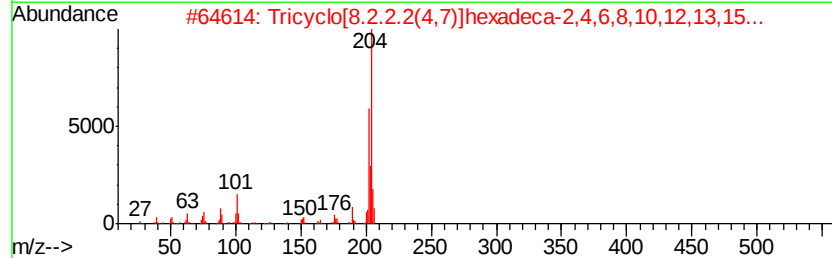
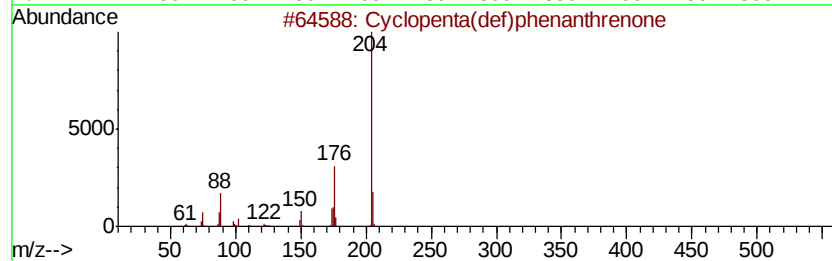
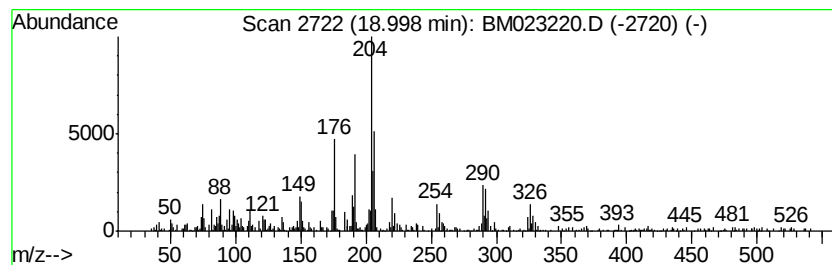
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Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.00	2.03 ng/ul	590163	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	35
3		5-(2-Bromo-benzvlidene)-thiazoli...	283	C10H6BrN02S	1000295-23-9	35
4		[1,1'-Biphenvl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	30
5		Spiro[cyclopropane-1,8'(1H')][3a....	204	C14H20O	452049-62-6	30



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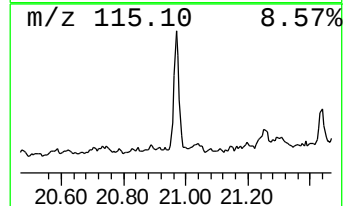
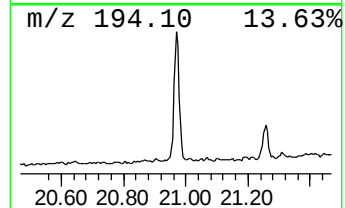
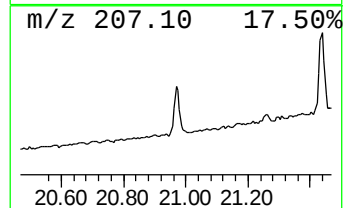
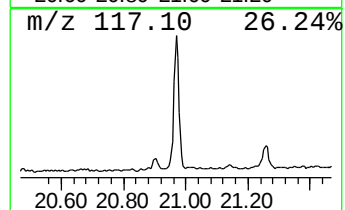
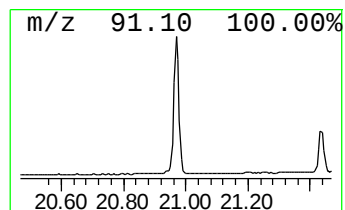
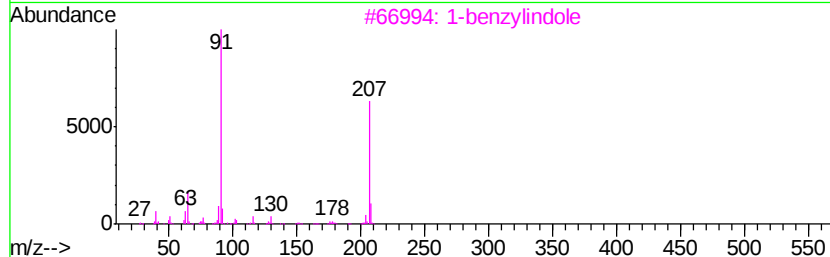
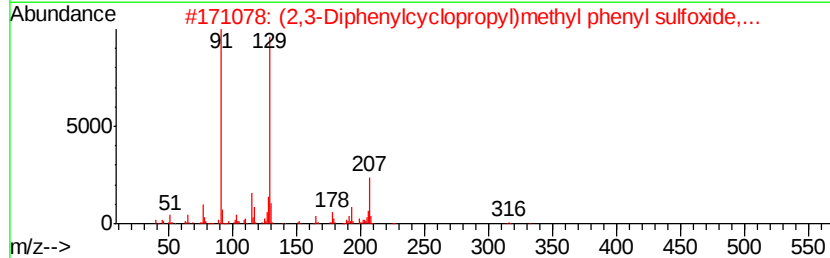
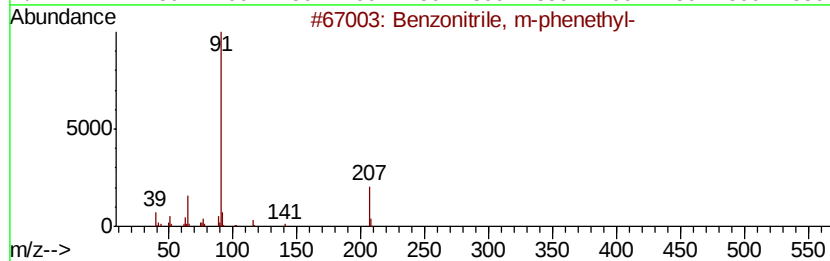
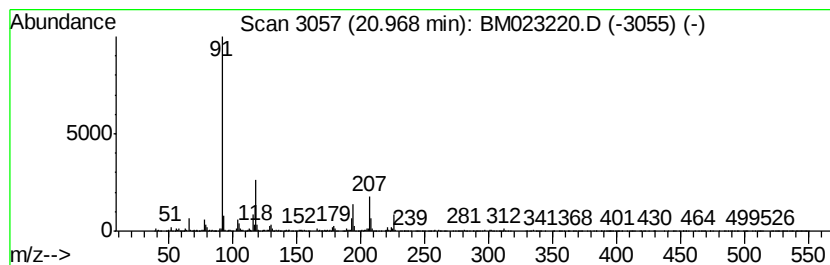
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.71 ng/ul	1718730	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	27
2		(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	25
3		1-benzylindole	207	C15H13N	1000334-31-3	16
4		Benzeneacetic acid, phenylmethyl...	226	C15H14O2	000102-16-9	14
5		Benzene, 1,3,5-trimethyl-2-(phen...	226	C16H18O	019578-76-8	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\
Data File : BM023220.D
Acq On : 17 Oct 2019 14:02
Operator : JU
Sample : K5199-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
Bicyclo[4.2.0]oct...	5.68	2.3	ng/ul	324530	1	7.67	2850190	20.0
4H-Cyclopenta[def...	18.14	3.5	ng/ul	1014100	4	17.06	5806430	20.0
unknown-01	19.00	2.0	ng/ul	590163	4	17.06	5806430	20.0
unknown-02	20.97	3.7	ng/ul	1718730	5	21.26	9264810	20.0