

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017814.D
 Acq On : 30 Nov 2018 02:09
 Operator : JU/SJ
 Sample : J6041-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB500

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-BM111918MA.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	3.104	16	20	24	rVB	686915	661725	18.59%	1.719%
2	5.881	484	492	499	rBV5	27175	65207	1.83%	0.169%
3	6.104	521	530	535	rBV6	20768	52555	1.48%	0.137%
4	6.234	542	552	555	rBV5	35017	76366	2.15%	0.198%
5	6.581	607	611	616	rVV4	28197	44781	1.26%	0.116%
6	6.722	631	635	643	rVV4	41320	89757	2.52%	0.233%
7	7.069	690	694	699	rVV4	25647	45692	1.28%	0.119%
8	7.586	770	782	797	rVV	994505	1786148	50.17%	4.641%
9	7.851	821	827	835	rVB6	29293	64756	1.82%	0.168%
10	8.392	914	919	923	rVV4	31478	49927	1.40%	0.130%
11	8.675	963	967	977	rVB4	41458	83941	2.36%	0.218%
12	8.763	977	982	986	rBV4	25606	42563	1.20%	0.111%
13	8.910	1003	1007	1014	rVB6	28778	61996	1.74%	0.161%
14	9.016	1020	1025	1035	rVV9	14223	45064	1.27%	0.117%
15	9.204	1052	1057	1063	rVV4	29824	51618	1.45%	0.134%
16	9.275	1063	1069	1074	rVB4	27512	49645	1.39%	0.129%
17	9.480	1096	1104	1108	rVV5	22566	53126	1.49%	0.138%
18	9.527	1108	1112	1122	rVB9	33160	72948	2.05%	0.190%
19	9.763	1147	1152	1162	rBV7	37257	91170	2.56%	0.237%
20	10.057	1195	1202	1211	rBV6	18964	48533	1.36%	0.126%
21	10.357	1241	1253	1259	rBV	1382983	2468067	69.33%	6.413%
22	10.516	1275	1280	1286	rVB	55757	85773	2.41%	0.223%
23	11.374	1421	1426	1438	rBV2	76224	148670	4.18%	0.386%
24	11.786	1488	1496	1502	rBV8	24181	77274	2.17%	0.201%
25	12.004	1523	1533	1535	rBV8	16369	47071	1.32%	0.122%
26	12.251	1568	1575	1585	rVB	47527	111946	3.14%	0.291%
27	12.492	1612	1616	1622	rVB6	22885	43916	1.23%	0.114%
28	12.757	1656	1661	1665	rVV	87443	124950	3.51%	0.325%
29	13.063	1708	1713	1718	rVB5	28280	56518	1.59%	0.147%
30	13.551	1791	1796	1801	rBV	69209	124717	3.50%	0.324%
31	13.604	1801	1805	1810	rBV	38093	76093	2.14%	0.198%
32	13.715	1816	1824	1829	rBV3	110700	164858	4.63%	0.428%
33	13.792	1829	1837	1840	rBV4	30880	60421	1.70%	0.157%
34	13.957	1861	1865	1870	rVB3	36222	58280	1.64%	0.151%

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35	14.139	1891	1896	1900	rBV2	30037	54503	1.53%	0.142%
36	14.233	1905	1912	1919	rVV2	2034233	3164507	88.89%	8.222%
37	14.298	1919	1923	1933	rVB	208923	320049	8.99%	0.832%
38	14.457	1944	1950	1958	rVB6	29683	74324	2.09%	0.193%
39	14.639	1974	1981	1990	rVV	159859	306608	8.61%	0.797%
40	14.715	1990	1994	1999	rVV2	35004	56658	1.59%	0.147%
41	14.762	1999	2002	2008	rVB4	36353	55229	1.55%	0.143%
42	14.862	2012	2019	2024	rBV3	41059	78630	2.21%	0.204%
43	15.021	2039	2046	2051	rBV8	27760	69105	1.94%	0.180%
44	15.292	2086	2092	2098	rBV	311405	516105	14.50%	1.341%
45	15.415	2108	2113	2116	rBV6	29144	45808	1.29%	0.119%
46	15.457	2116	2120	2124	rVV2	50566	78942	2.22%	0.205%
47	15.504	2124	2128	2132	rVV2	97426	148857	4.18%	0.387%
48	15.592	2139	2143	2149	rVB	64991	112443	3.16%	0.292%
49	15.745	2159	2169	2175	rBV2	59646	156402	4.39%	0.406%
50	15.986	2201	2210	2214	rVV3	159124	305690	8.59%	0.794%
51	16.092	2222	2228	2235	rBV7	38960	85466	2.40%	0.222%
52	16.304	2256	2264	2268	rBV4	70795	146465	4.11%	0.381%
53	16.351	2268	2272	2276	rVV4	27247	42945	1.21%	0.112%
54	16.451	2286	2289	2294	rVB5	33385	49807	1.40%	0.129%
55	16.527	2300	2302	2306	rVV3	28852	44299	1.24%	0.115%
56	16.568	2306	2309	2312	rVB5	36539	46848	1.32%	0.122%
57	16.721	2330	2335	2339	rBV4	30781	60533	1.70%	0.157%
58	16.756	2339	2341	2345	rVV5	35030	58385	1.64%	0.152%
59	16.809	2346	2350	2358	rVB2	160380	257175	7.22%	0.668%
60	16.992	2375	2381	2384	rBV	2157007	3111125	87.39%	8.083%
61	17.033	2384	2388	2396	rVV	1759748	2522785	70.86%	6.555%
62	17.127	2400	2404	2409	rVV	175516	266998	7.50%	0.694%
63	17.174	2409	2412	2419	rVB7	31405	57324	1.61%	0.149%
64	17.415	2449	2453	2461	rBV10	23282	64439	1.81%	0.167%
65	17.515	2464	2470	2474	rVV4	33613	70044	1.97%	0.182%
66	17.574	2476	2480	2488	rVB3	34895	84745	2.38%	0.220%
67	17.651	2489	2493	2498	rVB5	31587	48564	1.36%	0.126%
68	17.703	2498	2502	2508	rBV5	66586	107537	3.02%	0.279%
69	17.786	2511	2516	2520	rBV2	116770	160733	4.51%	0.418%
70	17.868	2525	2530	2534	rBV	167880	255314	7.17%	0.663%
71	17.915	2534	2538	2544	rVB	219215	319358	8.97%	0.830%

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72	18.062	2557	2563	2567	rBV2	325995	545017	15.31%	1.416%
73	18.098	2567	2569	2577	rVV2	116612	211519	5.94%	0.550%
74	18.168	2577	2581	2588	rVB4	113184	191391	5.38%	0.497%
75	18.374	2613	2616	2624	rBV	124579	187438	5.26%	0.487%
76	18.680	2664	2668	2671	rVB3	54243	80449	2.26%	0.209%
77	18.792	2683	2687	2691	rBV	87169	128276	3.60%	0.333%
78	18.839	2691	2695	2696	rBV3	56833	71243	2.00%	0.185%
79	18.921	2706	2709	2713	rBV6	55225	79072	2.22%	0.205%
80	18.992	2718	2721	2726	rVB7	35940	50679	1.42%	0.132%
81	19.056	2726	2732	2738	rBV	2381330	3169023	89.01%	8.234%
82	19.115	2738	2742	2747	rVB2	239774	321820	9.04%	0.836%
83	19.203	2753	2757	2762	rVB3	104597	145539	4.09%	0.378%
84	19.303	2771	2774	2778	rVB	50969	70262	1.97%	0.183%
85	19.421	2785	2794	2803	rBV2	1249439	2262458	63.55%	5.878%
86	19.503	2804	2808	2812	rVB2	81549	122840	3.45%	0.319%
87	19.609	2823	2826	2832	rBV	73706	122182	3.43%	0.317%
88	19.774	2847	2854	2858	rBV2	153108	316621	8.89%	0.823%
89	19.921	2870	2879	2883	rBV2	487109	782422	21.98%	2.033%
90	20.027	2893	2897	2901	rBV2	259594	331038	9.30%	0.860%
91	20.197	2923	2926	2932	rVB2	201530	218562	6.14%	0.568%
92	20.356	2950	2953	2958	rBV6	80777	112939	3.17%	0.293%
93	20.662	3002	3005	3013	rVB7	122490	178373	5.01%	0.463%
94	20.839	3033	3035	3039	rBV	86114	92738	2.60%	0.241%
95	20.880	3039	3042	3045	rVV	157523	175648	4.93%	0.456%
96	20.921	3045	3049	3054	rVB2	158831	276968	7.78%	0.720%
97	21.191	3089	3095	3099	rBV2	2105535	3560110	100.00%	9.250%
98	21.227	3099	3101	3107	rVB	810063	1006907	28.28%	2.616%
99	22.727	3352	3356	3361	rBV2	434840	788447	22.15%	2.049%
100	23.374	3461	3466	3474	rVB2	1243620	2297122	64.52%	5.968%

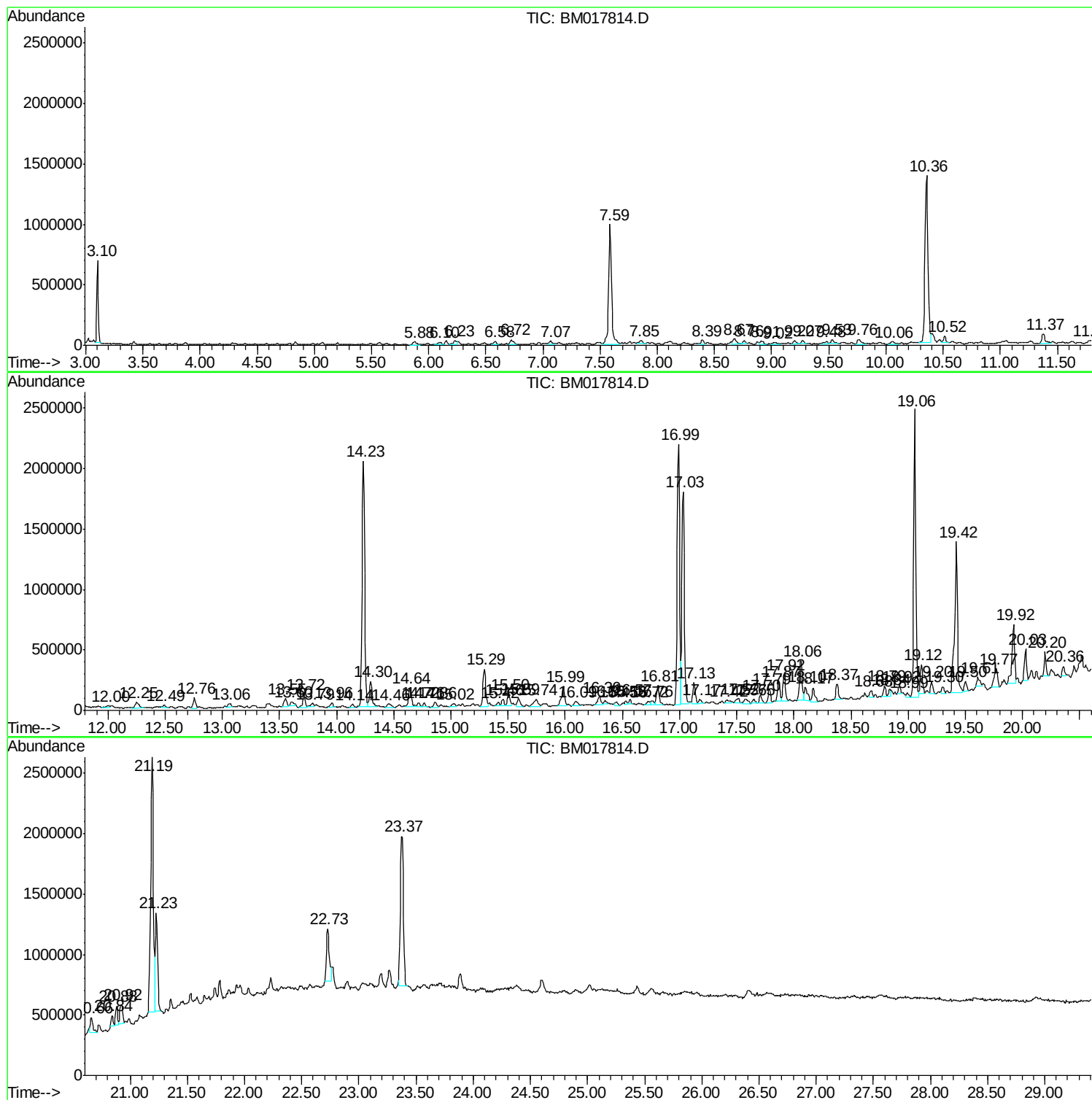
Sum of corrected areas: 38487924

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ClientSampled :
CB500

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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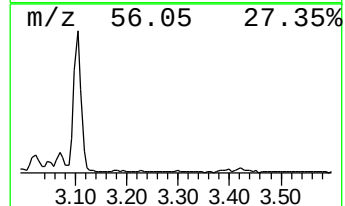
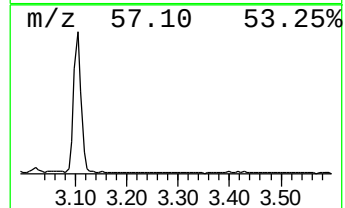
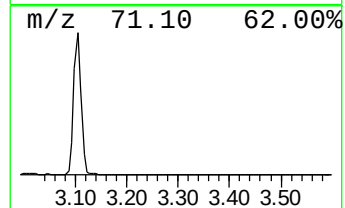
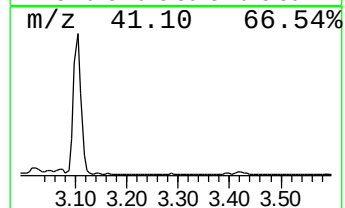
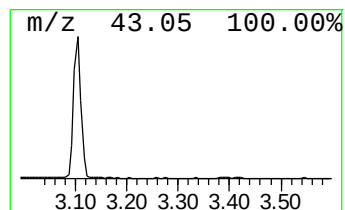
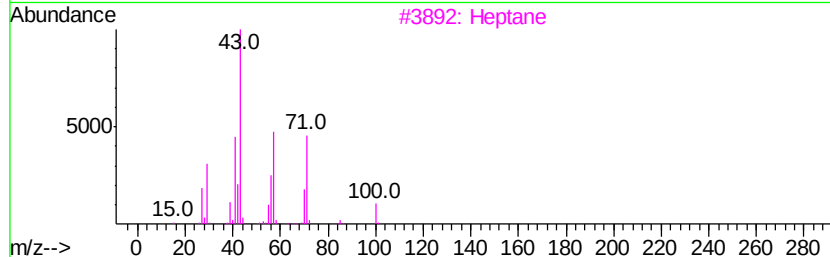
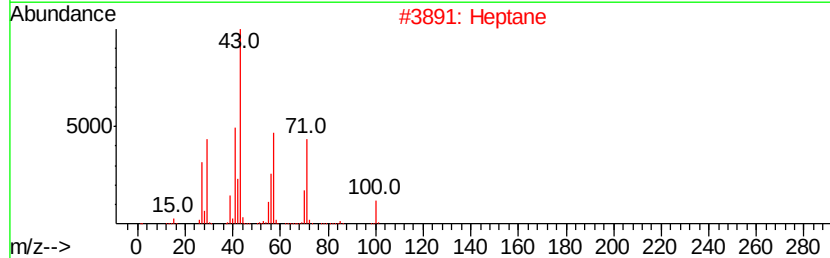
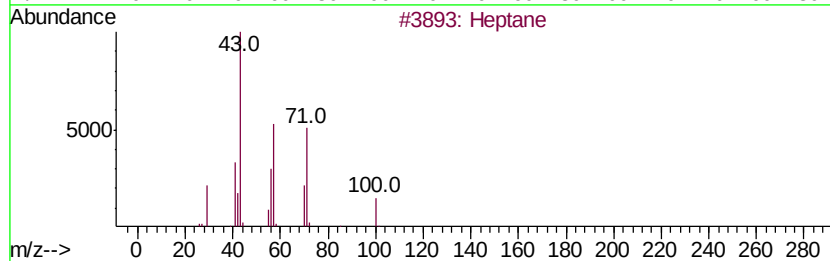
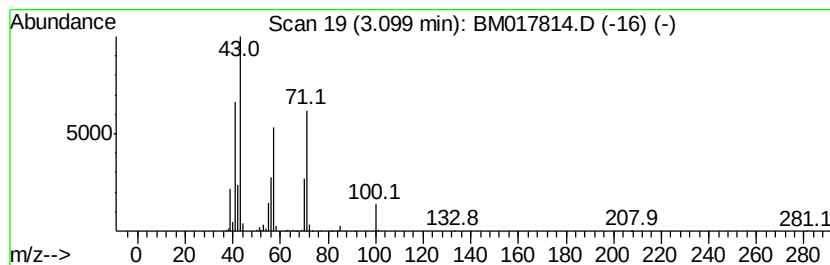
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	7.41 ng/ul	661725	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	87
4		Heptane	100	C7H16	000142-82-5	87
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	50



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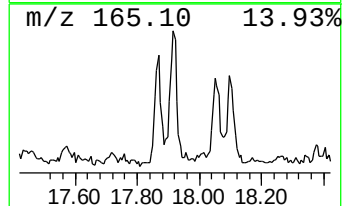
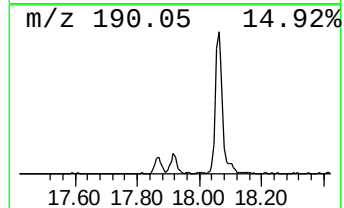
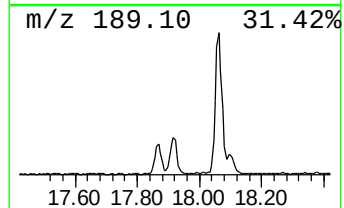
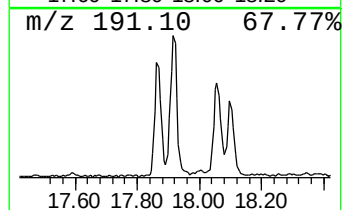
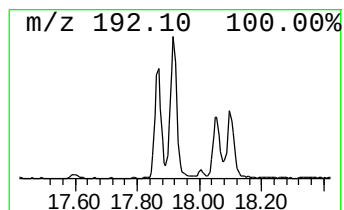
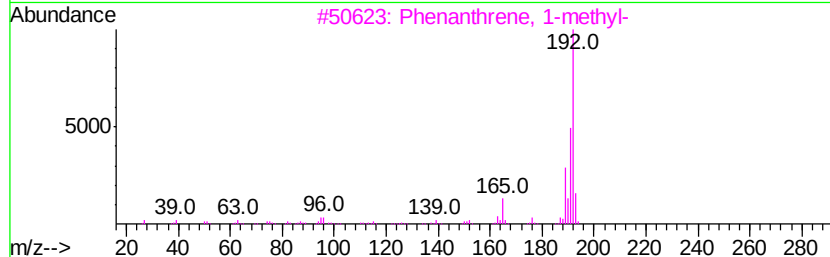
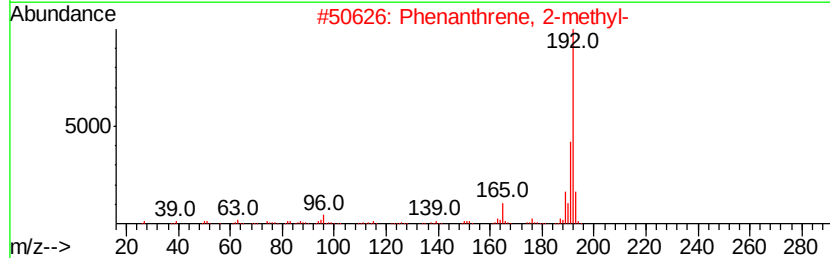
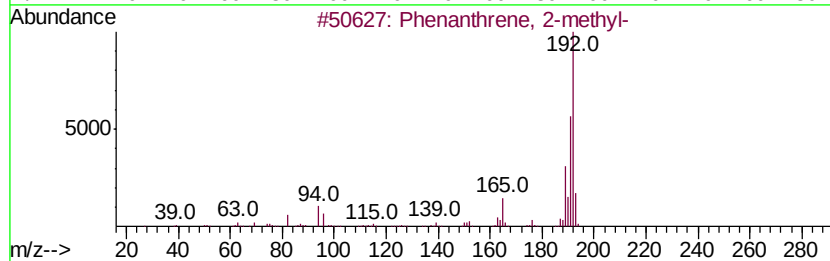
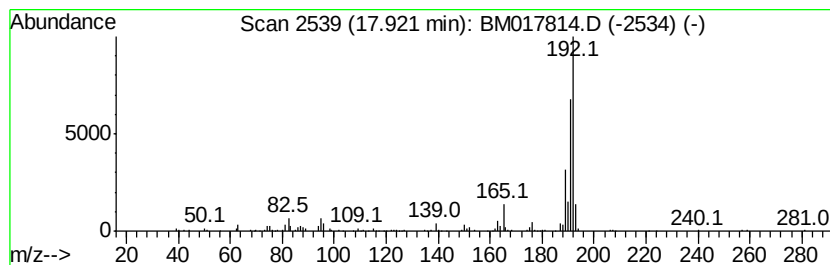
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.92	2.05 ng/ul	319358	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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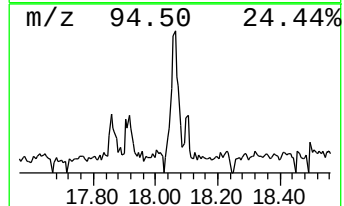
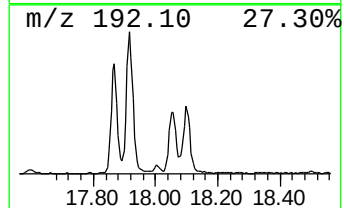
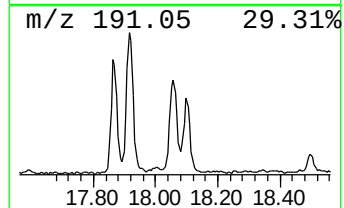
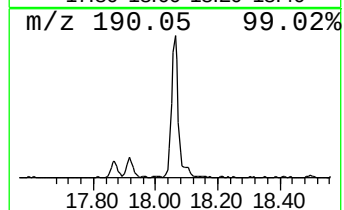
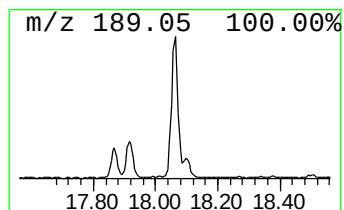
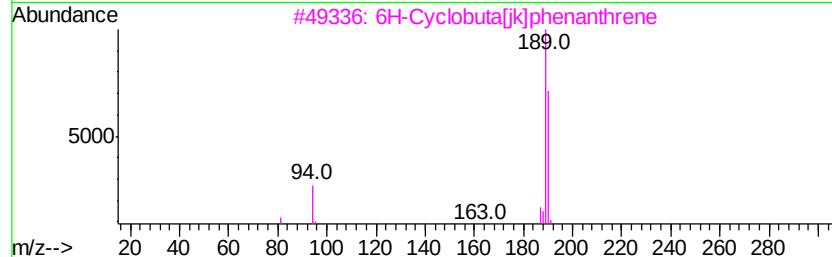
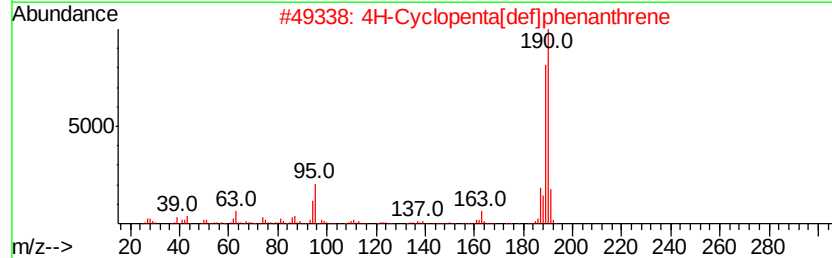
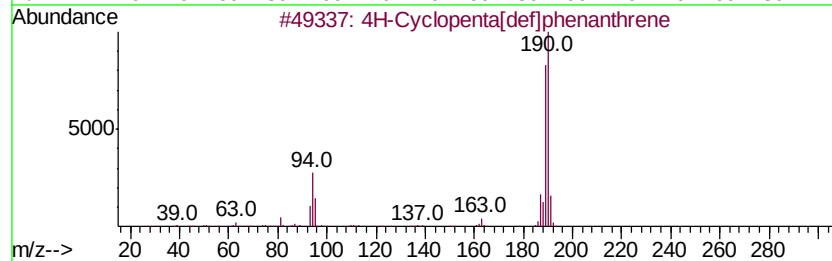
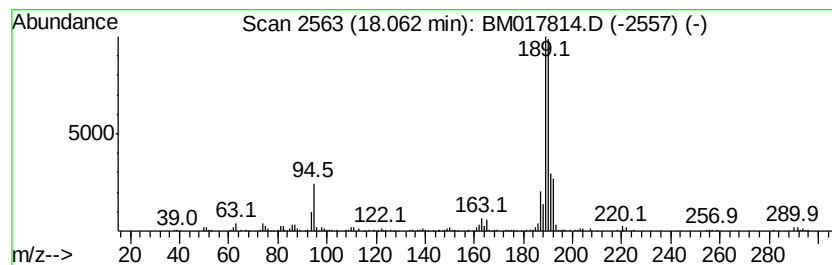
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.50 ng/ul	545017	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017814.D
Acq On : 30 Nov 2018 02:09
Operator : JU/SJ
Sample : J6041-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

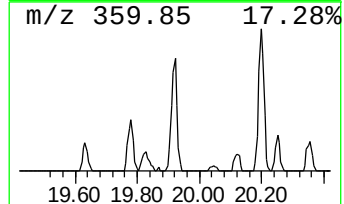
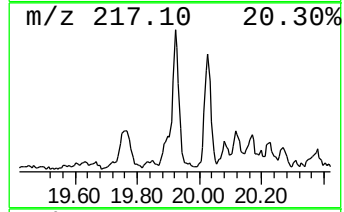
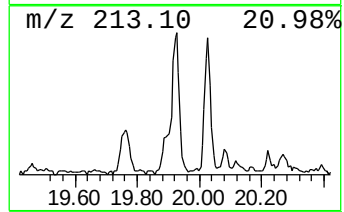
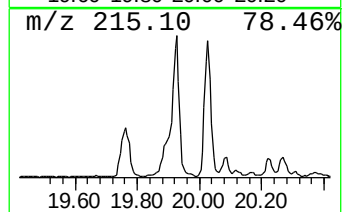
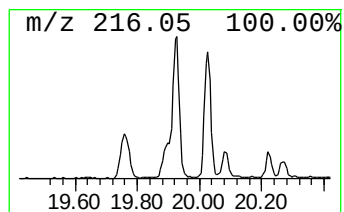
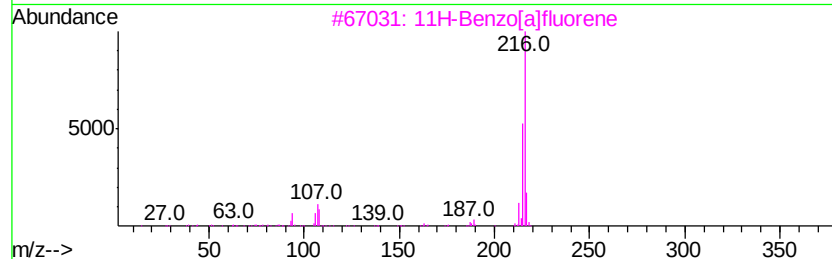
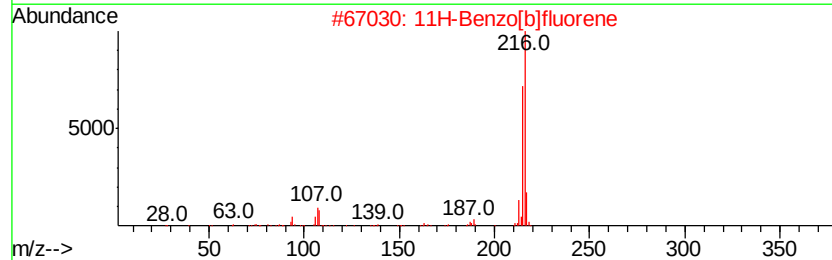
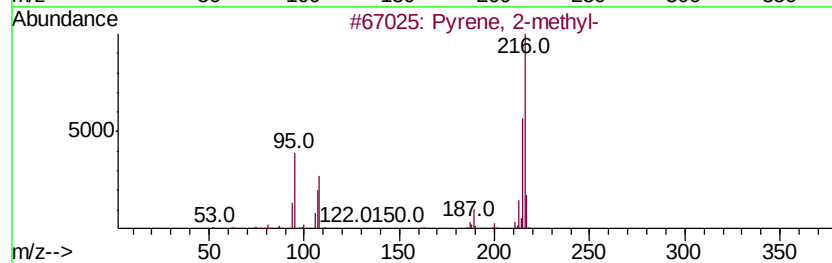
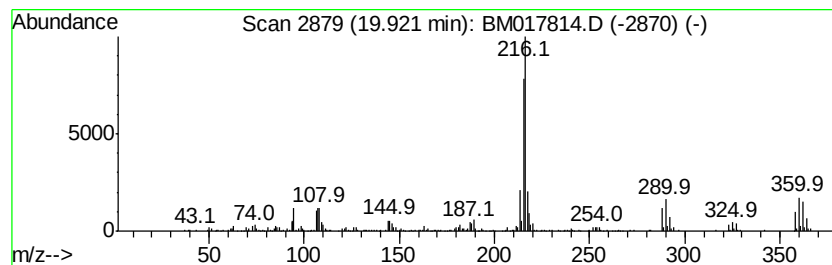
Instrument :
BNA_M
ClientSampleId :
CB500

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pyrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.92	4.40 ng/ul	782422	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
Data File : BM017814.D
Acq On : 30 Nov 2018 02:09
Operator : JU/SJ
Sample : J6041-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB500

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.10	7.4	ng/ul	661725	1	7.59	1786150	20.0
Phenanthrene, 2-m...	17.92	2.0	ng/ul	319358	4	16.99	3111130	20.0
4H-Cyclopenta[def...	18.06	3.5	ng/ul	545017	4	16.99	3111130	20.0
Pyrene, 2-methyl-	19.92	4.4	ng/ul	782422	5	21.19	3560110	20.0