

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023179.D
 Acq On : 15 Oct 2019 22:45
 Operator : JU
 Sample : K5202-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2

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	3.204	33	37	44	rVB	61925	87433	1.13%	0.088%
2	3.616	105	107	112	rVB3	10756	14291	0.19%	0.014%
3	3.710	120	123	127	rBV	36003	43798	0.57%	0.044%
4	3.846	141	146	152	rVV	29493	51056	0.66%	0.051%
5	3.928	156	160	166	rVB3	21144	34998	0.45%	0.035%
6	4.828	311	313	320	rBV2	14853	25433	0.33%	0.026%
7	6.851	651	657	667	rBV	1047718	1808815	23.48%	1.821%
8	7.028	680	687	700	rBV	766721	1263956	16.41%	1.273%
9	7.222	711	720	732	rBV	1085783	1726891	22.41%	1.739%
10	7.686	791	799	807	rBV	1550797	2456614	31.89%	2.473%
11	8.386	910	918	932	rBV	1306702	2089600	27.12%	2.104%
12	8.833	985	994	1002	rBV	969595	1611728	20.92%	1.623%
13	9.322	1072	1077	1081	rBV	20018	32160	0.42%	0.032%
14	9.551	1109	1116	1124	rBV	702255	1139541	14.79%	1.147%
15	10.086	1200	1207	1220	rBV	1349520	2233943	29.00%	2.249%
16	10.269	1233	1238	1245	rBV8	10859	22911	0.30%	0.023%
17	10.469	1262	1272	1279	rBV	2239872	3719207	48.27%	3.744%
18	10.516	1279	1280	1286	rVB2	15335	15211	0.20%	0.015%
19	10.598	1286	1294	1303	rBV	1031232	1743827	22.63%	1.756%
20	11.216	1394	1399	1403	rBV6	10430	17528	0.23%	0.018%
21	12.063	1537	1543	1547	rBV	26107	43765	0.57%	0.044%
22	12.139	1550	1556	1562	rVB6	11235	20129	0.26%	0.020%
23	12.951	1689	1694	1699	rBV6	13897	22087	0.29%	0.022%
24	13.251	1739	1745	1749	rBV6	19551	38331	0.50%	0.039%
25	13.504	1786	1788	1793	rVB5	10965	14156	0.18%	0.014%
26	13.657	1810	1814	1818	rVB5	39454	50764	0.66%	0.051%
27	13.745	1820	1829	1833	rVV	2394323	3413326	44.30%	3.436%
28	13.786	1833	1836	1844	rVV	1002376	1383774	17.96%	1.393%
29	13.886	1851	1853	1858	rVB6	12857	15366	0.20%	0.015%
30	14.015	1867	1875	1887	rBV	2796450	4341655	56.35%	4.371%
31	14.174	1899	1902	1906	rVB6	14000	20343	0.26%	0.020%
32	14.233	1909	1912	1915	rVV3	16057	20165	0.26%	0.020%
33	14.327	1921	1928	1935	rVV	3590691	5265577	68.34%	5.301%
34	14.392	1935	1939	1947	rVB	71126	106543	1.38%	0.107%

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

35	14.510	1953	1959	1973	rBV	755674	1145997	14.87%	1.154%
36	14.662	1981	1985	1991	rBV5	32952	53609	0.70%	0.054%
37	14.751	1992	2000	2007	rVV2	284968	468300	6.08%	0.471%
38	14.815	2007	2011	2014	rVB5	14764	24929	0.32%	0.025%
39	14.957	2030	2035	2039	rVV4	15911	29117	0.38%	0.029%
40	15.009	2041	2044	2048	rVB5	14893	20117	0.26%	0.020%
41	15.133	2060	2065	2066	rBV5	17219	22965	0.30%	0.023%
42	15.162	2066	2070	2075	rVB	40277	57033	0.74%	0.057%
43	15.221	2075	2080	2086	rBV6	17051	32091	0.42%	0.032%
44	15.321	2090	2097	2103	rBV	3636355	5201176	67.51%	5.236%
45	15.380	2103	2107	2111	rVV	106628	158832	2.06%	0.160%
46	15.433	2111	2116	2126	rVV	584036	833839	10.82%	0.839%
47	15.498	2126	2127	2131	rVV3	15019	16792	0.22%	0.017%
48	15.562	2132	2138	2144	rVV5	48191	88311	1.15%	0.089%
49	15.674	2153	2157	2161	rBV	33984	52626	0.68%	0.053%
50	15.827	2178	2183	2190	rVB	47100	90993	1.18%	0.092%
51	15.904	2192	2196	2200	rVB6	14106	27576	0.36%	0.028%
52	16.015	2209	2215	2218	rBV	160829	241132	3.13%	0.243%
53	16.109	2228	2231	2237	rVB6	33923	51476	0.67%	0.052%
54	16.380	2270	2277	2282	rBV4	33594	68654	0.89%	0.069%
55	16.433	2282	2286	2289	rBV4	22199	27722	0.36%	0.028%
56	16.592	2309	2313	2314	rBV4	16355	23373	0.30%	0.024%
57	16.615	2314	2317	2320	rVV2	32658	45248	0.59%	0.046%
58	16.656	2320	2324	2327	rVB4	24784	39884	0.52%	0.040%
59	16.727	2332	2336	2345	rVB5	26621	70829	0.92%	0.071%
60	16.809	2347	2350	2355	rVV3	28944	53024	0.69%	0.053%
61	16.886	2359	2363	2368	rVB	62606	104064	1.35%	0.105%
62	17.068	2388	2394	2399	rBV2	4187831	6247152	81.09%	6.289%
63	17.109	2399	2401	2406	rVB	1022226	1248643	16.21%	1.257%
64	17.168	2406	2411	2416	rBV2	3831987	5480647	71.14%	5.518%
65	17.262	2422	2427	2434	rBV2	66049	119012	1.54%	0.120%
66	17.468	2458	2462	2467	rVB	89755	135135	1.75%	0.136%
67	17.945	2539	2543	2547	rBV	134006	185481	2.41%	0.187%
68	17.992	2547	2551	2558	rVV	460885	633498	8.22%	0.638%
69	18.068	2560	2564	2570	rVB2	98013	167638	2.18%	0.169%
70	18.139	2570	2576	2580	rBV2	282627	487214	6.32%	0.491%
71	18.450	2625	2629	2632	rBV	133124	197288	2.56%	0.199%

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72	18.480	2632	2634	2639	rVB	136338	151711	1.97%	0.153%
73	18.862	2695	2699	2705	rBV3	143789	254372	3.30%	0.256%
74	19.003	2720	2723	2725	rBV2	62970	66647	0.87%	0.067%
75	19.127	2739	2744	2753	rVB	2620587	3563102	46.25%	3.587%
76	19.280	2766	2770	2774	rBV2	143739	203890	2.65%	0.205%
77	19.462	2795	2801	2804	rBV	5112167	7287159	94.58%	7.336%
78	19.492	2804	2806	2814	rVB	2049960	2363623	30.68%	2.380%
79	19.674	2834	2837	2842	rVB	119715	141583	1.84%	0.143%
80	19.827	2858	2863	2868	rBV3	99165	212082	2.75%	0.214%
81	19.956	2881	2885	2887	rBV3	109829	162167	2.10%	0.163%
82	19.992	2887	2891	2897	rVB	471519	640923	8.32%	0.645%
83	20.092	2904	2908	2912	rVB	411602	502055	6.52%	0.505%
84	20.144	2914	2917	2922	rVB2	183112	267636	3.47%	0.269%
85	20.550	2984	2986	2989	rBV3	83453	91075	1.18%	0.092%
86	20.903	3043	3046	3049	rVB	162043	185067	2.40%	0.186%
87	20.944	3050	3053	3055	rVV	142999	146232	1.90%	0.147%
88	21.003	3056	3063	3071	rVV5	714244	1357849	17.62%	1.367%
89	21.256	3099	3106	3110	rBV2	4873725	7704413	100.00%	7.757%
90	21.291	3110	3112	3120	rVB	1107509	1236535	16.05%	1.245%
91	21.409	3129	3132	3136	rBV	174242	199600	2.59%	0.201%
92	21.450	3136	3139	3146	rVB2	207415	268492	3.48%	0.270%
93	21.891	3211	3214	3218	rVB	300925	358944	4.66%	0.361%
94	22.356	3290	3293	3297	rVB	202371	256543	3.33%	0.258%
95	22.809	3365	3370	3375	rBV	861822	1870336	24.28%	1.883%
96	23.280	3446	3450	3453	rBV	356360	561191	7.28%	0.565%
97	23.333	3453	3459	3463	rBV	2353408	3976328	51.61%	4.003%
98	23.468	3473	3482	3489	rBV	2564156	5218987	67.74%	5.254%
99	24.091	3583	3588	3595	rBV	377727	698687	9.07%	0.703%
100	25.691	3854	3860	3861	rBV	330413	534324	6.94%	0.538%

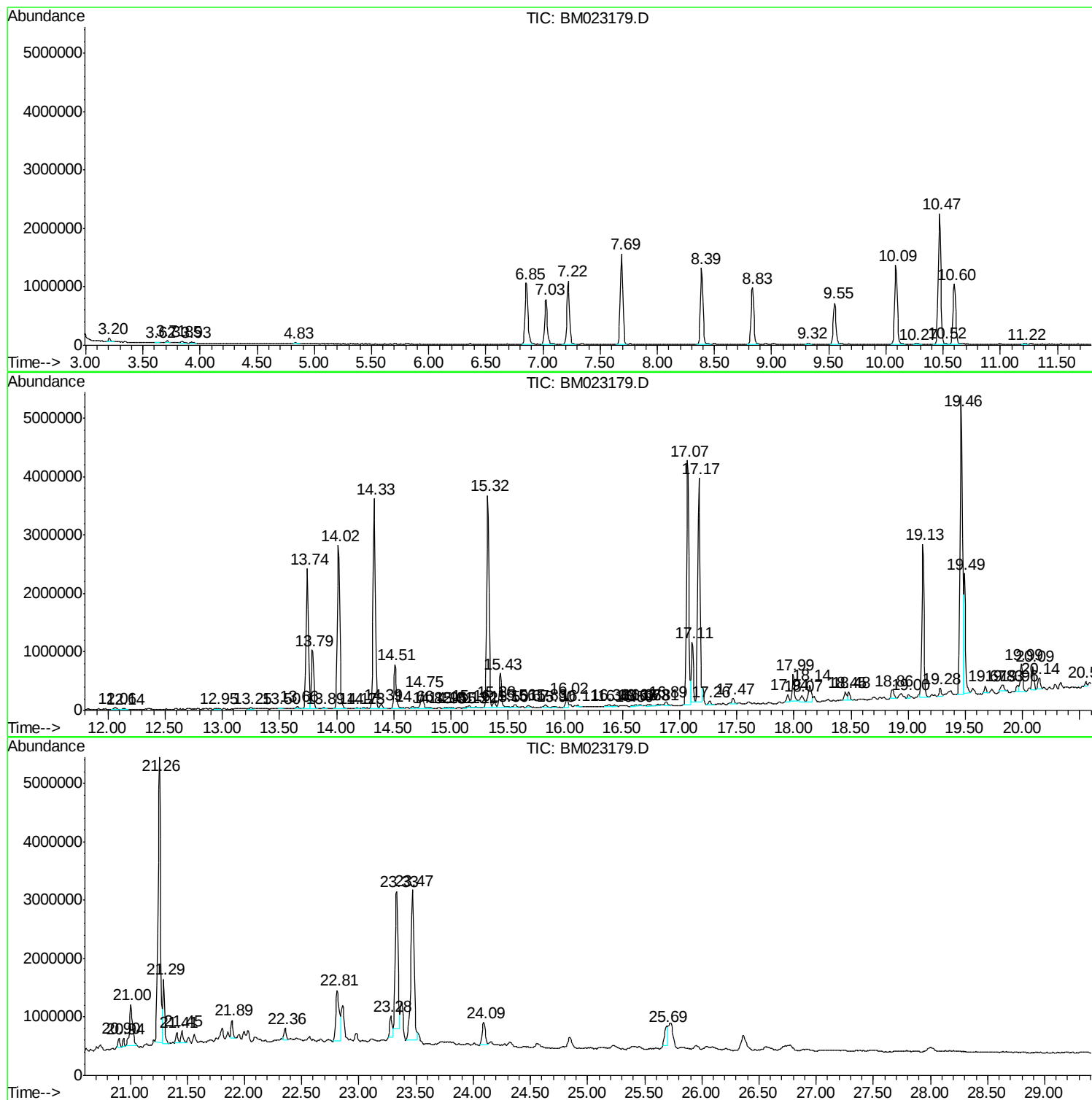
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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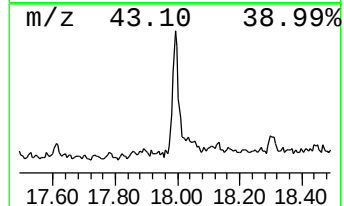
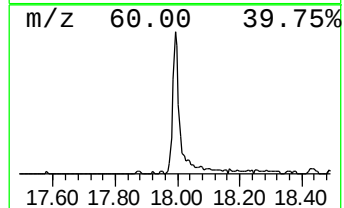
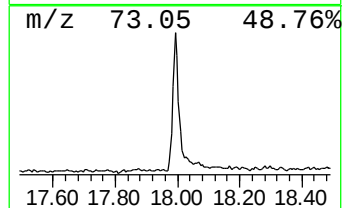
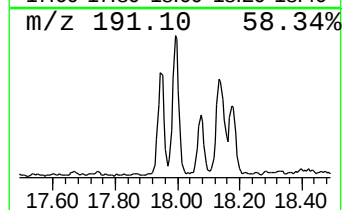
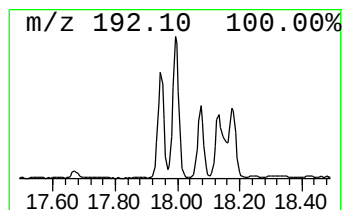
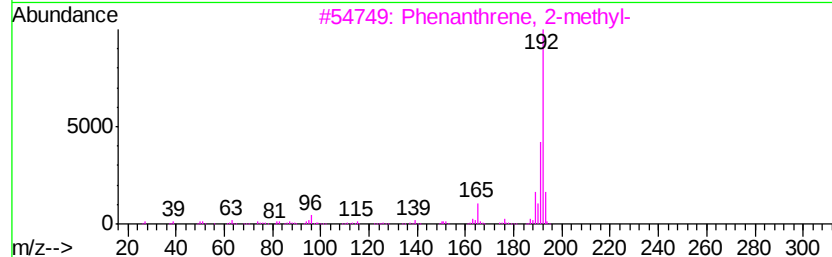
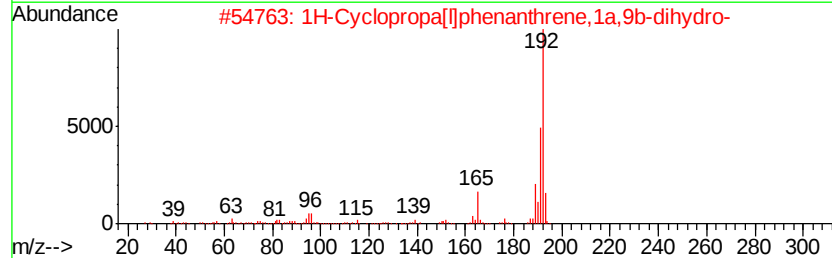
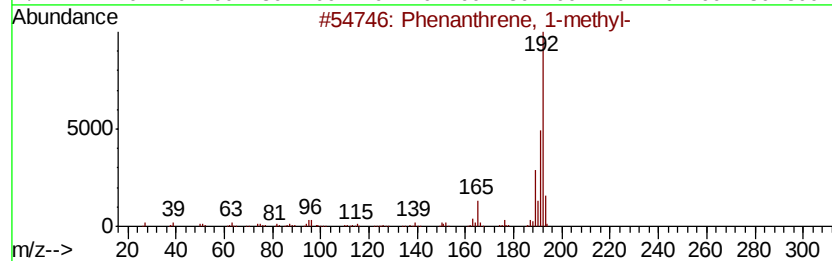
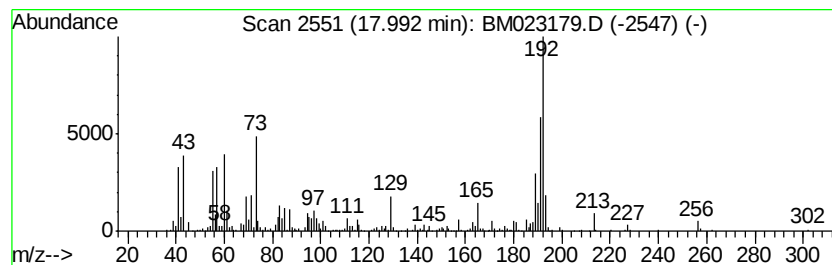
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	2.03 ng/ul	633498	Phenanthrene-d10	17.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92



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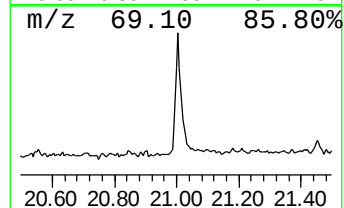
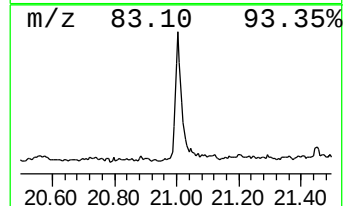
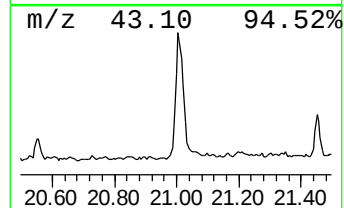
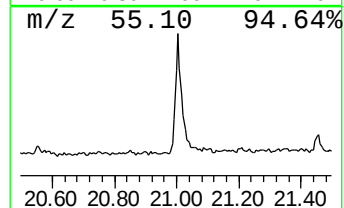
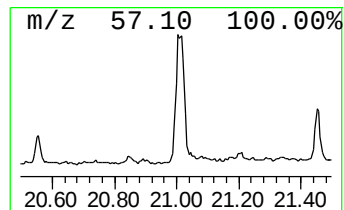
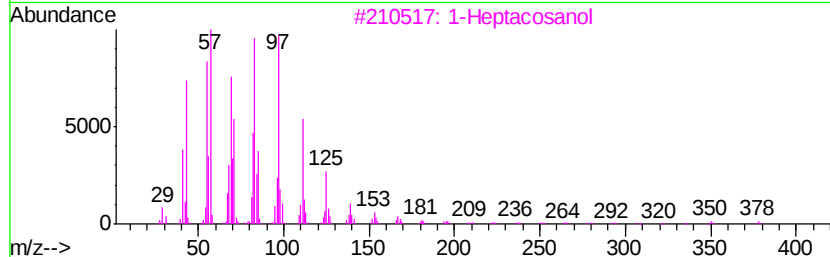
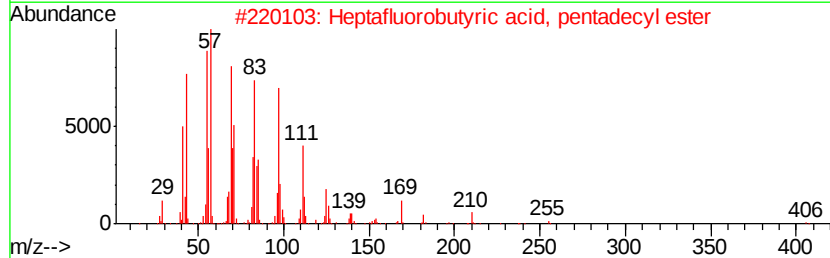
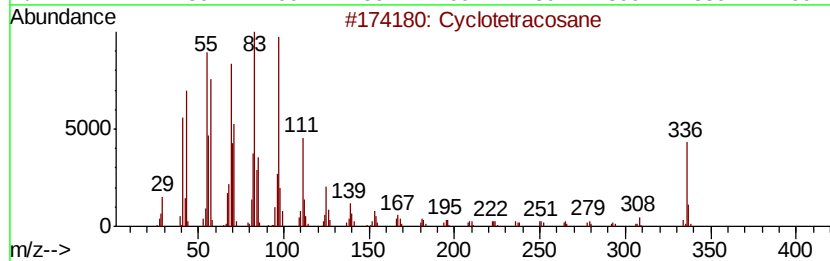
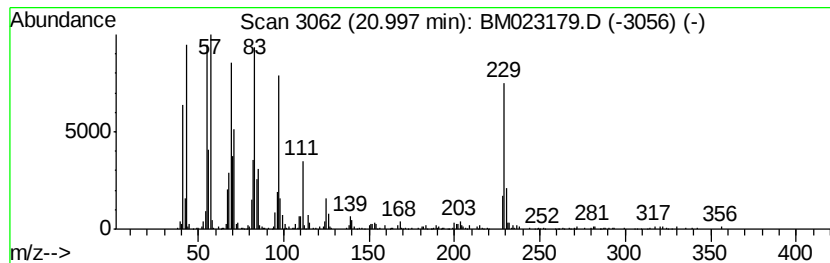
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.00	3.52 ng/ul	1357850	Chrysene-d12	21.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	93
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	90
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
5		9-Tricosene, (Z)-	322	C23H46	027519-02-4	90



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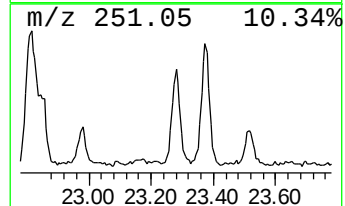
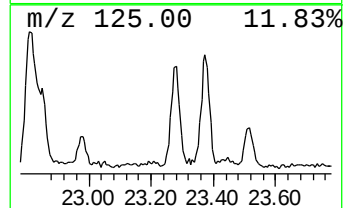
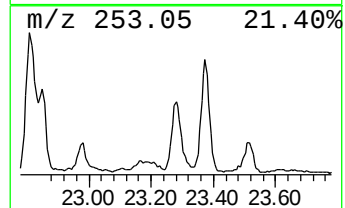
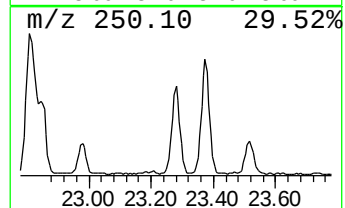
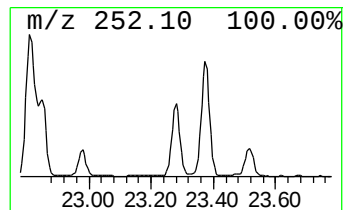
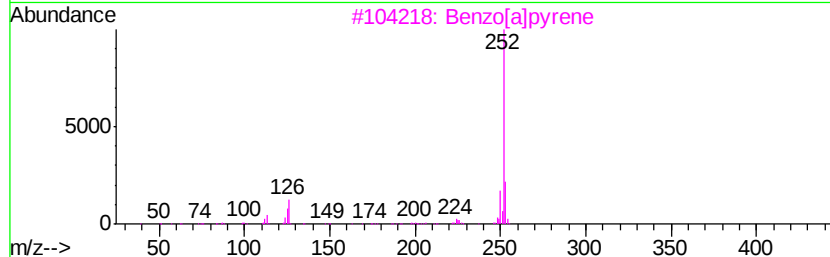
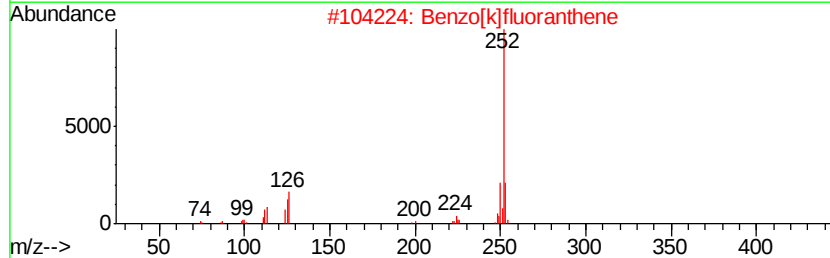
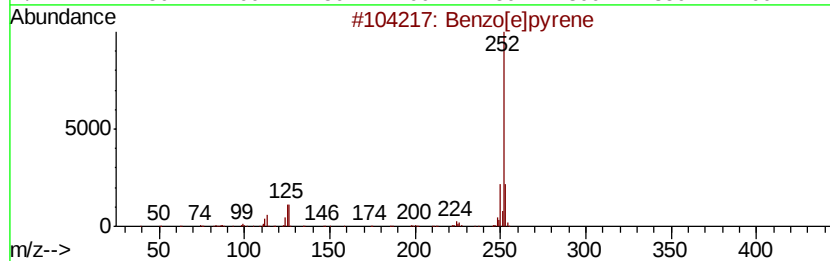
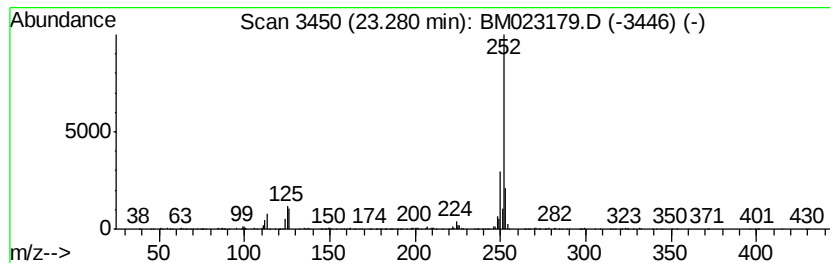
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Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.15 ng/ul	561191	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023179.D
Acq On : 15 Oct 2019 22:45
Operator : JU
Sample : K5202-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

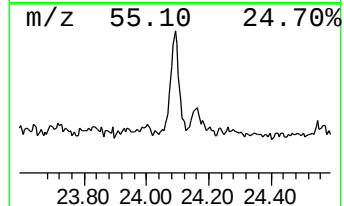
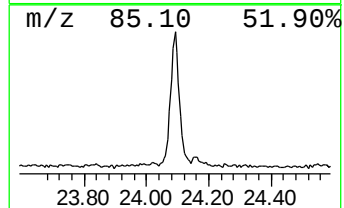
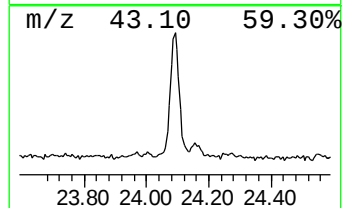
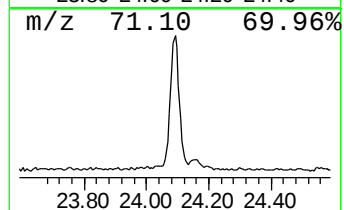
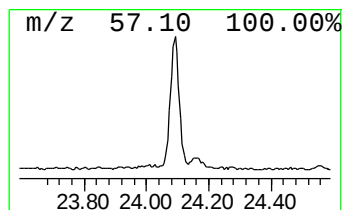
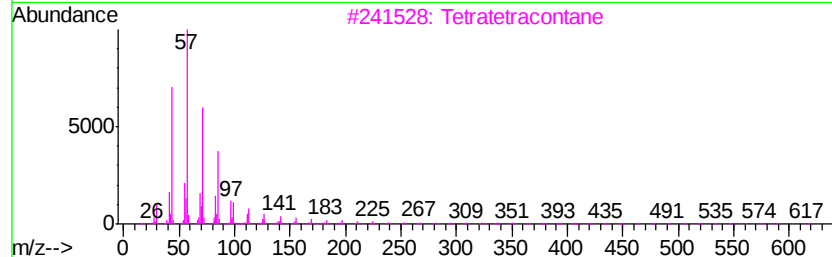
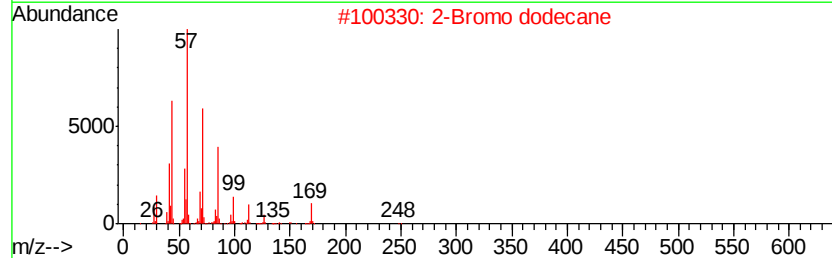
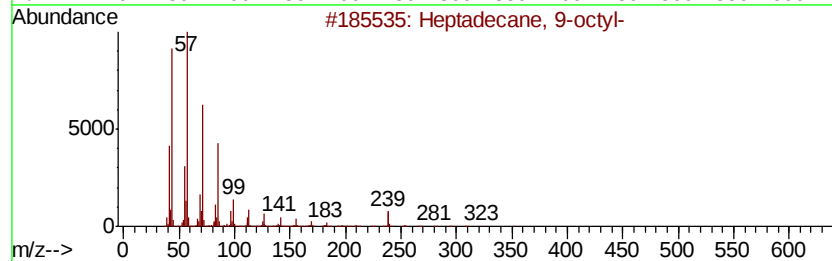
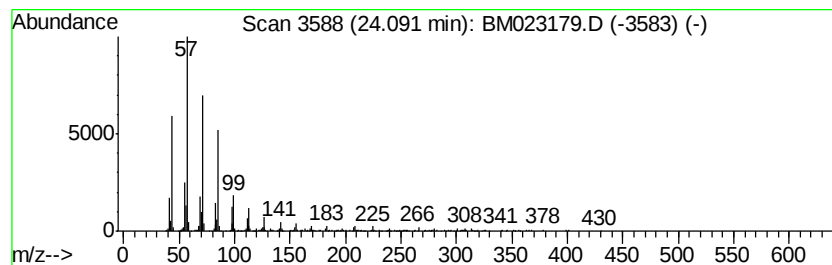
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.68 ng/ul	698687	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101519\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

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
Phenanthrene, 1-m...	17.99	2.0	ng/ul	633498	4	17.07	6247150	20.0
(DEL) Alkane: Cyc...	21.00	3.5	ng/ul	1357850	5	21.26	7704410	20.0
Benzo[e]pyrene	23.28	2.1	ng/ul	561191	6	23.47	5218990	20.0
(DEL) Alkane: Str...	24.09	2.7	ng/ul	698687	6	23.47	5218990	20.0