

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024876.D
 Acq On : 14 Feb 2020 04:33
 Operator : CG/JU
 Sample : L1404-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W5

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-BM020620MA.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	3.040	22	26	33	rVB	33654	63820	1.19%	0.087%
2	3.522	105	108	115	rVB4	23540	44506	0.83%	0.060%
3	3.640	124	128	136	rVB5	19510	43073	0.81%	0.058%
4	3.717	137	141	150	rVB2	25127	61471	1.15%	0.083%
5	4.599	286	291	301	rVB	48006	97746	1.83%	0.133%
6	6.593	620	630	644	rBV	807913	1359866	25.46%	1.847%
7	6.752	650	657	666	rBV	761871	1235931	23.14%	1.678%
8	6.934	681	688	702	rBV	930848	1575057	29.49%	2.139%
9	7.393	757	766	777	rBV	974031	1596445	29.89%	2.168%
10	8.104	879	887	899	rBV	782553	1285649	24.07%	1.746%
11	8.534	952	960	969	rBV	826666	1397272	26.16%	1.897%
12	8.722	987	992	999	rVV5	28832	45238	0.85%	0.061%
13	9.022	1037	1043	1048	rBV	122709	176348	3.30%	0.239%
14	9.246	1074	1081	1091	rBV	711175	1195201	22.38%	1.623%
15	9.781	1165	1172	1186	rBV	1064505	1805843	33.81%	2.452%
16	10.146	1227	1234	1241	rBV	1267399	2101420	39.34%	2.853%
17	10.193	1241	1242	1249	rVB	49205	57449	1.08%	0.078%
18	10.293	1251	1259	1272	rBV	746776	1488550	27.87%	2.021%
19	11.745	1502	1506	1511	rBV2	20775	36350	0.68%	0.049%
20	11.822	1514	1519	1527	rVB2	28284	49471	0.93%	0.067%
21	12.051	1552	1558	1563	rBV	26557	42815	0.80%	0.058%
22	13.210	1749	1755	1762	rBV8	12619	30016	0.56%	0.041%
23	13.363	1775	1781	1785	rVB2	29852	47654	0.89%	0.065%
24	13.469	1793	1799	1805	rBV	1956473	2699674	50.54%	3.666%
25	13.728	1835	1843	1855	rBV	2210369	3303463	61.85%	4.486%
26	13.886	1863	1870	1878	rBV3	37431	93477	1.75%	0.127%
27	14.039	1890	1896	1903	rVB	1838511	2744850	51.39%	3.727%
28	14.104	1903	1907	1912	rVB2	65544	93724	1.75%	0.127%
29	14.269	1928	1935	1948	rBV	538211	1017877	19.06%	1.382%
30	14.451	1958	1966	1970	rBV2	60149	114872	2.15%	0.156%
31	14.492	1970	1973	1977	rVV5	26296	44460	0.83%	0.060%
32	14.533	1978	1980	1986	rVB2	20011	28655	0.54%	0.039%
33	15.045	2061	2067	2073	rBV	3010592	4032178	75.49%	5.475%
34	15.098	2073	2076	2085	rVB	96816	143738	2.69%	0.195%

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35	15.181	2085	2090	2096	rBV	743623	1085145	20.32%	1.474%
36	15.286	2106	2108	2112	rVB	30500	35073	0.66%	0.048%
37	15.404	2124	2128	2132	rBV	26896	35487	0.66%	0.048%
38	15.551	2148	2153	2160	rBV2	26870	53876	1.01%	0.073%
39	16.110	2244	2248	2253	rVB6	18403	34380	0.64%	0.047%
40	16.157	2253	2256	2263	rVB6	24117	38281	0.72%	0.052%
41	16.363	2286	2291	2298	rBV2	115394	205279	3.84%	0.279%
42	16.457	2302	2307	2316	rVB3	45836	88091	1.65%	0.120%
43	16.545	2316	2322	2323	rBV3	29384	39746	0.74%	0.054%
44	16.616	2330	2334	2340	rVB	64879	87702	1.64%	0.119%
45	16.798	2351	2365	2369	rBV	2261371	3175260	59.45%	4.312%
46	16.839	2369	2372	2376	rVB	1156844	1423870	26.66%	1.933%
47	16.898	2376	2382	2386	rBV	2634872	3795072	71.05%	5.153%
48	16.998	2396	2399	2406	rVB9	21111	34757	0.65%	0.047%
49	17.210	2430	2435	2440	rBV	55925	95756	1.79%	0.130%
50	17.327	2452	2455	2461	rBV3	23847	43621	0.82%	0.059%
51	17.386	2461	2465	2471	rVB4	29860	44248	0.83%	0.060%
52	17.527	2485	2489	2495	rVB3	24944	37043	0.69%	0.050%
53	17.674	2509	2514	2519	rBV	182833	280963	5.26%	0.382%
54	17.722	2519	2522	2531	rVB	243064	377606	7.07%	0.513%
55	17.804	2531	2536	2540	rBV2	65313	93042	1.74%	0.126%
56	17.863	2540	2546	2550	rBV2	254046	407745	7.63%	0.554%
57	17.904	2550	2553	2563	rVB	145018	221452	4.15%	0.301%
58	18.033	2571	2575	2580	rVV5	37200	67168	1.26%	0.091%
59	18.186	2596	2601	2605	rBV	136618	199229	3.73%	0.271%
60	18.439	2640	2644	2648	rVV	62241	96408	1.80%	0.131%
61	18.486	2649	2652	2656	rVV	57764	84640	1.58%	0.115%
62	18.527	2656	2659	2662	rVB	44695	55153	1.03%	0.075%
63	18.610	2668	2673	2677	rVV	152610	235786	4.41%	0.320%
64	18.669	2678	2683	2686	rVV3	77520	158370	2.96%	0.215%
65	18.698	2686	2688	2692	rVV3	60773	71772	1.34%	0.097%
66	18.745	2692	2696	2704	rVV3	90196	174002	3.26%	0.236%
67	18.869	2709	2717	2724	rVB	1783472	2376760	44.50%	3.227%
68	18.951	2727	2731	2733	rBV	35903	49959	0.94%	0.068%
69	18.980	2733	2736	2740	rVV5	24018	32070	0.60%	0.044%
70	19.021	2740	2743	2747	rVV2	30476	42576	0.80%	0.058%
71	19.204	2768	2774	2777	rBV	3754940	5341396	100.00%	7.253%

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72	19.233	2777	2779	2783	rVV	1558425	1658873	31.06%	2.253%
73	19.274	2783	2786	2789	rVV4	82316	108316	2.03%	0.147%
74	19.310	2789	2792	2800	rVB2	81788	164106	3.07%	0.223%
75	19.421	2807	2811	2815	rBV	86150	122316	2.29%	0.166%
76	19.574	2831	2837	2848	rBV4	136148	319849	5.99%	0.434%
77	19.704	2855	2859	2861	rBV4	115823	171983	3.22%	0.234%
78	19.739	2862	2865	2869	rVB	242112	319831	5.99%	0.434%
79	19.816	2876	2878	2880	rBV3	42543	42753	0.80%	0.058%
80	19.845	2880	2883	2886	rVB	125865	144698	2.71%	0.196%
81	19.898	2887	2892	2896	rBV2	217030	310144	5.81%	0.421%
82	20.033	2912	2915	2920	rBV	153936	198994	3.73%	0.270%
83	20.080	2920	2923	2929	rVV	132899	177604	3.33%	0.241%
84	20.315	2960	2963	2966	rBV2	90040	112872	2.11%	0.153%
85	20.492	2990	2993	2999	rVB	151600	210079	3.93%	0.285%
86	20.698	3025	3028	3030	rBV	146128	152064	2.85%	0.206%
87	20.727	3031	3033	3036	rVB	105032	97169	1.82%	0.132%
88	20.768	3036	3040	3047	rBV4	498339	802460	15.02%	1.090%
89	21.010	3074	3081	3085	rBV2	3039919	4806117	89.98%	6.526%
90	21.045	3085	3087	3095	rVB	897700	1076124	20.15%	1.461%
91	21.215	3114	3116	3120	rBV	138761	144818	2.71%	0.197%
92	21.633	3184	3187	3192	rBV2	297039	406075	7.60%	0.551%
93	22.068	3259	3261	3265	rVB	279411	291984	5.47%	0.396%
94	22.498	3329	3334	3338	rBV	771943	1568772	29.37%	2.130%
95	22.539	3338	3341	3345	rVB2	633449	894452	16.75%	1.215%
96	22.933	3404	3408	3411	rBV	375632	578627	10.83%	0.786%
97	22.980	3411	3416	3420	rVV	2371561	3684063	68.97%	5.003%
98	23.068	3428	3431	3433	rBV	255246	301585	5.65%	0.410%
99	23.109	3433	3438	3444	rVB	1847631	2967436	55.56%	4.029%
100	23.656	3527	3531	3538	rVB	581639	936633	17.54%	1.272%

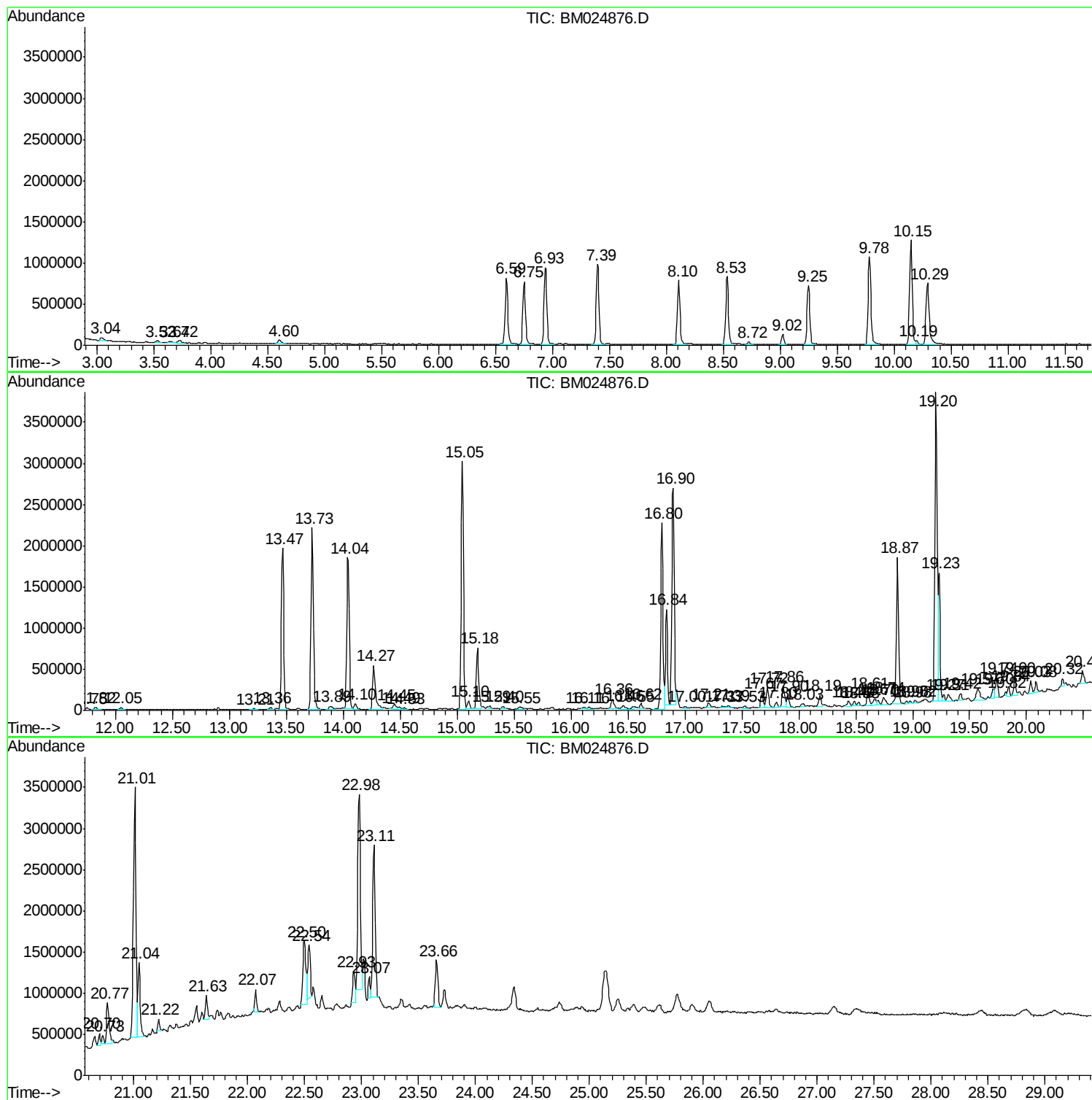
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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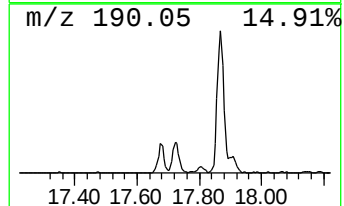
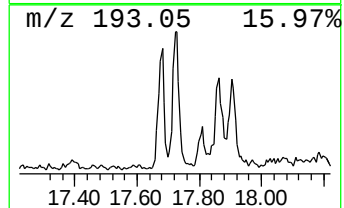
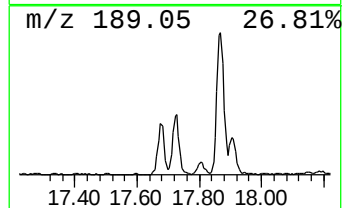
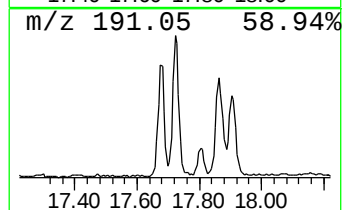
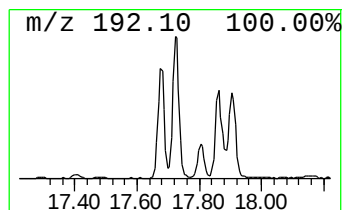
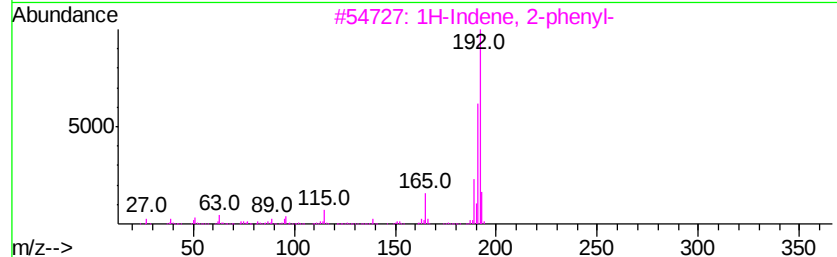
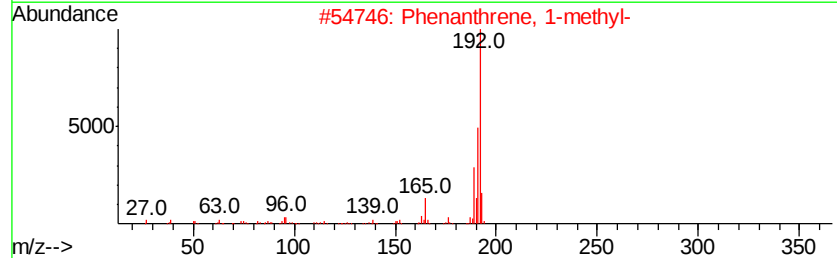
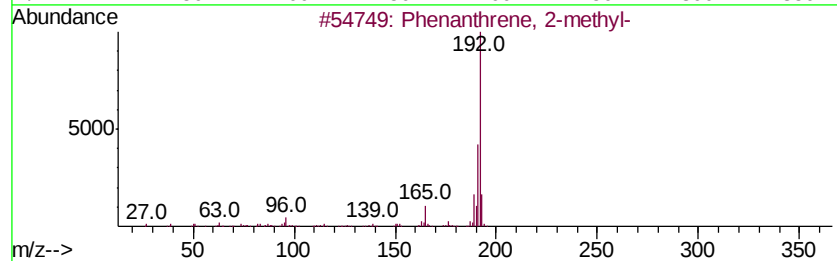
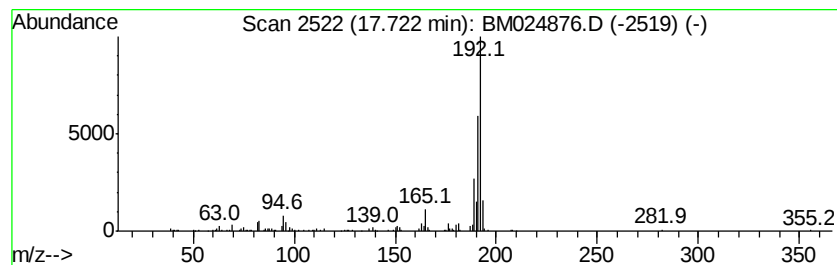
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	2.38 ng/ul	377606	Phenanthrene-d10	16.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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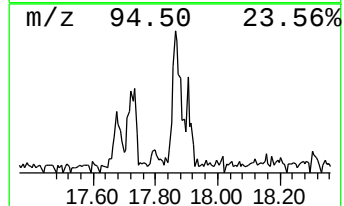
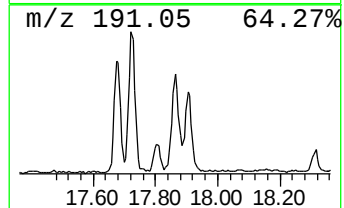
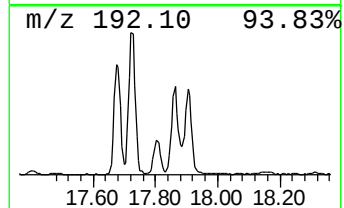
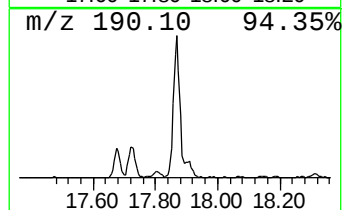
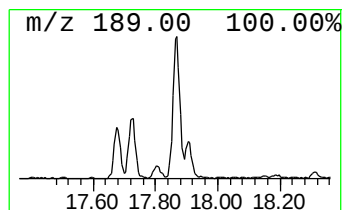
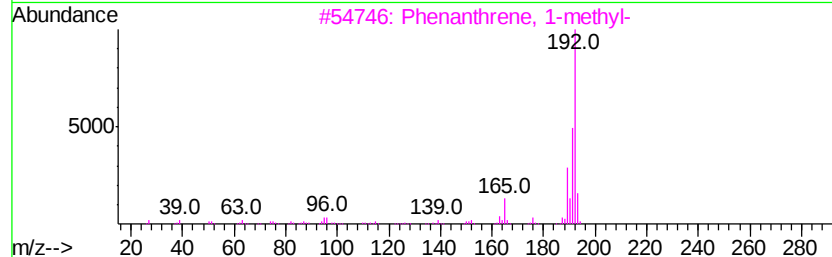
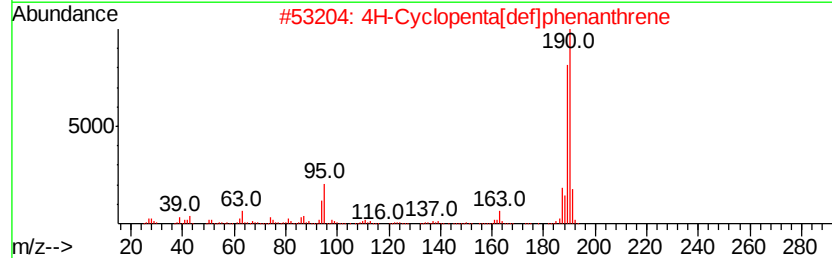
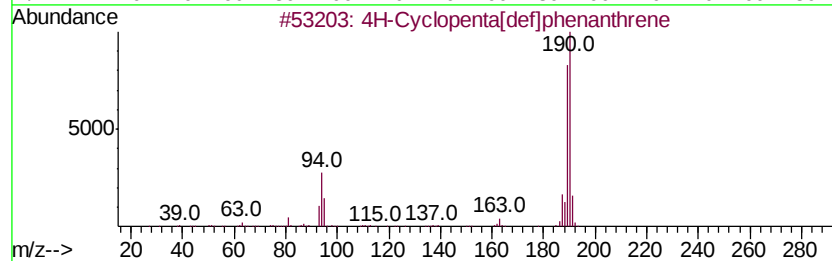
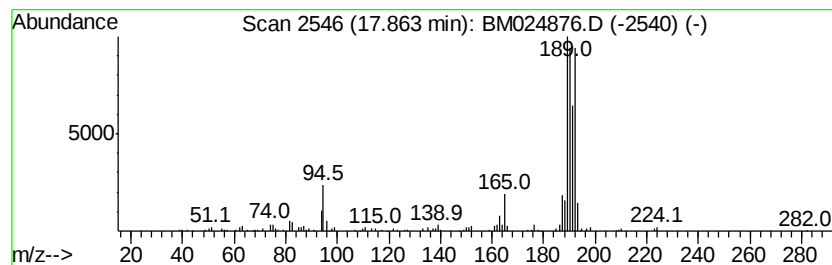
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	2.57 ng/ul	407745	Phenanthrene-d10	16.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4		1H-Cyclopropa[all]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46



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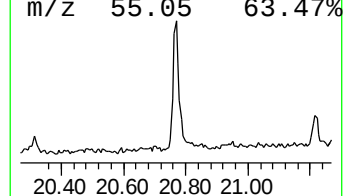
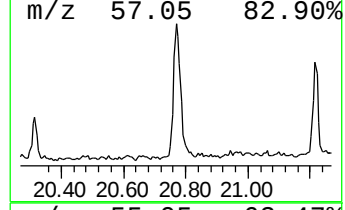
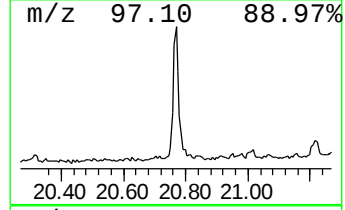
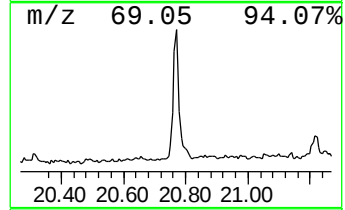
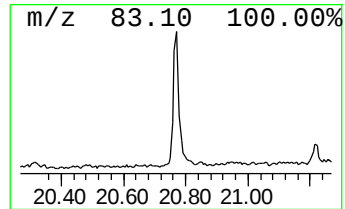
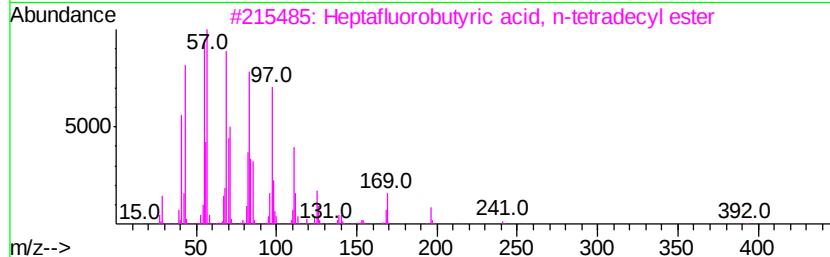
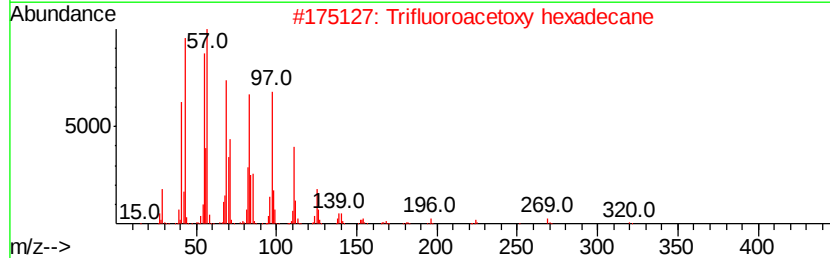
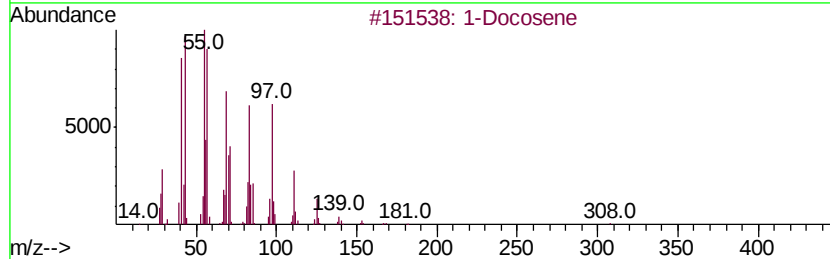
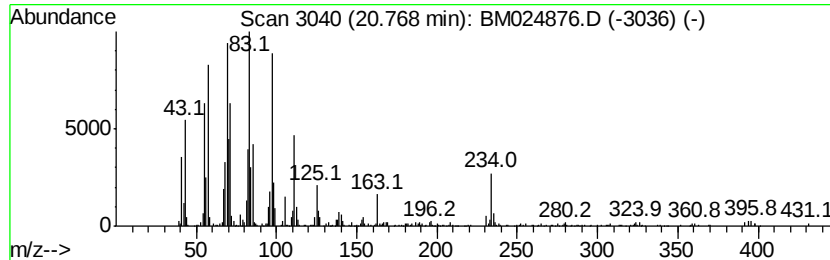
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.34 ng/ul	802460	Chrysene-d12	21.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 94
2	Trifluoroacetoxy hexadecane		338 C18H33F3O2	006222-03-3 91
3	Heptafluorobutyric acid, n-tetra...		410 C18H29F7O2	007365-36-8 91
4	Heptadecyl heptafluorobutyrate		452 C21H35F7O2	959085-66-6 91
5	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024876.D
Acq On : 14 Feb 2020 04:33
Operator : CG/JU
Sample : L1404-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W5

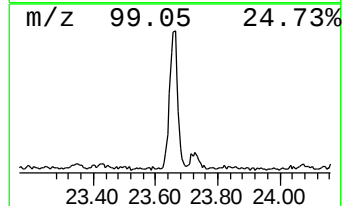
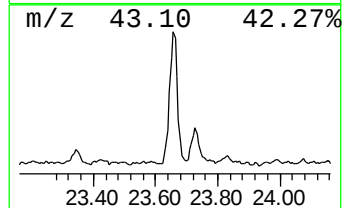
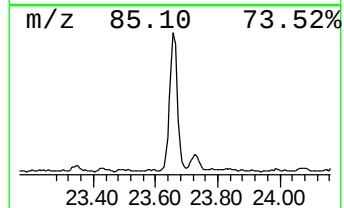
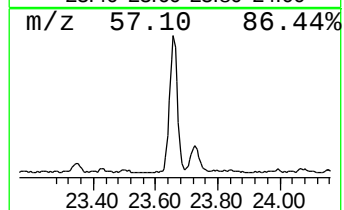
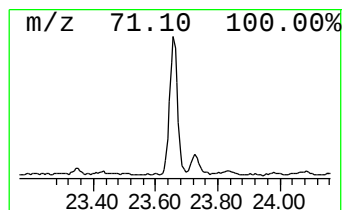
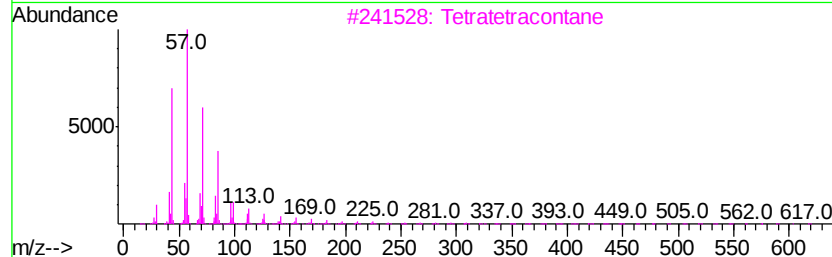
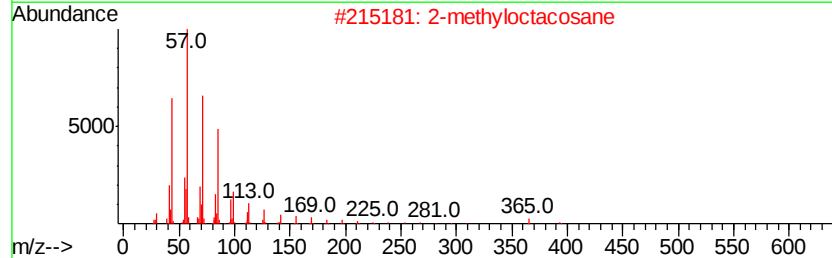
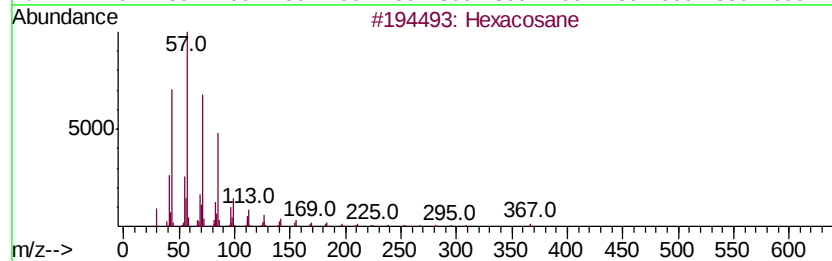
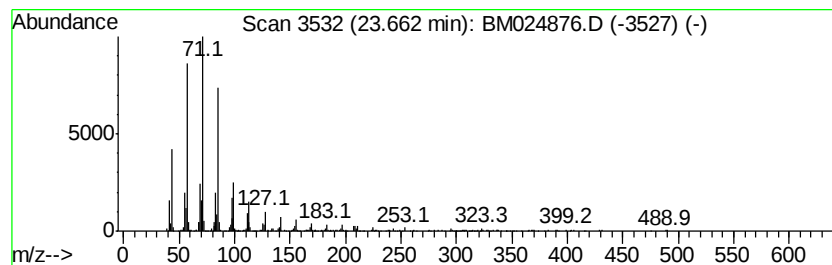
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	6.31 ng/ul	936633	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024876.D
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Operator : CG/JU
Sample : L1404-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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, 2-m...	17.72	2.4	ng/ul	377606	4	16.80	3175260	20.0
4H-Cyclopenta[def...	17.86	2.6	ng/ul	407745	4	16.80	3175260	20.0
(DEL) Alkane: Str...	20.77	3.3	ng/ul	802460	5	21.01	4806120	20.0
(DEL) Alkane: Str...	23.66	6.3	ng/ul	936633	6	23.11	2967440	20.0