

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027063.D
 Acq On : 13 Aug 2020 16:25
 Operator : JU/CG
 Sample : L3630-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM78

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-BM080720MA.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	3.699	115	121	126	rBV	18473	23821	0.83%	0.065%
2	3.834	139	144	150	rVV	25654	37272	1.30%	0.102%
3	4.804	303	309	317	rVB	17866	26740	0.93%	0.073%
4	6.816	644	651	662	rBV	295920	479599	16.66%	1.318%
5	6.981	673	679	686	rBV	251123	373097	12.96%	1.025%
6	7.181	706	713	722	rVB	325391	506075	17.58%	1.391%
7	7.269	722	728	739	rBV7	9741	28502	0.99%	0.078%
8	7.640	785	791	801	rVB	465652	726557	25.25%	1.997%
9	8.345	903	911	919	rBV	353124	554891	19.28%	1.525%
10	8.781	979	985	993	rBV	296986	470682	16.35%	1.294%
11	9.498	1099	1107	1117	rBV	233416	378016	13.13%	1.039%
12	10.033	1192	1198	1207	rBV	370794	616335	21.42%	1.694%
13	10.410	1255	1262	1269	rBV	568145	932515	32.40%	2.563%
14	10.545	1277	1285	1297	rBV	304759	521982	18.14%	1.435%
15	13.192	1729	1735	1740	rVB4	14119	21536	0.75%	0.059%
16	13.598	1795	1804	1809	rBV3	13656	25329	0.88%	0.070%
17	13.686	1814	1819	1824	rVV	659717	914936	31.79%	2.515%
18	13.733	1824	1827	1835	rVV	185318	246277	8.56%	0.677%
19	13.963	1859	1866	1877	rBV	711144	1063333	36.95%	2.923%
20	14.274	1912	1919	1925	rVV	849659	1220039	42.39%	3.353%
21	14.339	1925	1930	1936	rVB	34648	50011	1.74%	0.137%
22	14.468	1946	1952	1962	rBV	250548	370081	12.86%	1.017%
23	14.674	1983	1987	1996	rVB2	35646	58774	2.04%	0.162%
24	14.898	2017	2025	2030	rBV6	12827	24112	0.84%	0.066%
25	15.268	2082	2088	2094	rVV	914926	1260787	43.81%	3.465%
26	15.321	2094	2097	2103	rVV3	54318	78424	2.72%	0.216%
27	15.386	2103	2108	2116	rVV	208535	297303	10.33%	0.817%
28	15.621	2142	2148	2153	rBV	27853	38736	1.35%	0.106%
29	15.768	2168	2173	2182	rVB2	27205	60749	2.11%	0.167%
30	16.004	2208	2213	2218	rBV5	10156	22384	0.78%	0.062%
31	16.333	2256	2269	2274	rBV4	22566	62265	2.16%	0.171%
32	16.562	2301	2308	2311	rBV2	28466	47792	1.66%	0.131%
33	16.604	2311	2315	2318	rVV4	23710	36841	1.28%	0.101%
34	16.674	2322	2327	2335	rVB3	41171	73861	2.57%	0.203%

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35	16.757	2335	2341	2347	rBV2	33413	67991	2.36%	0.187%
36	16.833	2347	2354	2359	rVB	28431	46981	1.63%	0.129%
37	17.015	2379	2385	2389	rBV	1003136	1439235	50.01%	3.956%
38	17.057	2389	2392	2397	rVV	658892	866471	30.11%	2.382%
39	17.115	2397	2402	2406	rVV2	933756	1345470	46.75%	3.698%
40	17.151	2406	2408	2413	rVV	149417	163840	5.69%	0.450%
41	17.209	2413	2418	2424	rVB5	29560	51849	1.80%	0.143%
42	17.415	2444	2453	2458	rBV2	60530	111788	3.88%	0.307%
43	17.462	2458	2461	2466	rBV4	16348	26737	0.93%	0.073%
44	17.545	2471	2475	2479	rVV5	19611	25609	0.89%	0.070%
45	17.598	2481	2484	2488	rVB4	19071	24957	0.87%	0.069%
46	17.892	2528	2534	2538	rVV	114758	160381	5.57%	0.441%
47	17.939	2538	2542	2550	rVV2	281860	398603	13.85%	1.096%
48	18.021	2550	2556	2561	rVV2	77280	121667	4.23%	0.334%
49	18.086	2561	2567	2571	rVV2	160152	292058	10.15%	0.803%
50	18.121	2571	2573	2579	rVB	96699	116010	4.03%	0.319%
51	18.239	2590	2593	2598	rVB5	16453	23031	0.80%	0.063%
52	18.398	2616	2620	2623	rBV	85309	120704	4.19%	0.332%
53	18.433	2623	2626	2631	rVB	93386	123801	4.30%	0.340%
54	18.527	2639	2642	2648	rBV7	13084	23285	0.81%	0.064%
55	18.651	2659	2663	2667	rVV2	40207	59496	2.07%	0.164%
56	18.698	2667	2671	2675	rVV	40868	55960	1.94%	0.154%
57	18.739	2675	2678	2682	rVB	39606	53715	1.87%	0.148%
58	18.815	2682	2691	2696	rBV2	111599	215137	7.48%	0.591%
59	18.886	2697	2703	2705	rVV4	64443	124440	4.32%	0.342%
60	18.909	2705	2707	2710	rVV	49247	61573	2.14%	0.169%
61	18.956	2710	2715	2724	rVB2	86670	172452	5.99%	0.474%
62	19.080	2731	2736	2743	rVB	1194498	1536915	53.40%	4.224%
63	19.151	2745	2748	2750	rVV	19116	21165	0.74%	0.058%
64	19.180	2751	2753	2758	rVB4	27095	30911	1.07%	0.085%
65	19.227	2758	2761	2765	rBV2	84447	115186	4.00%	0.317%
66	19.280	2766	2770	2772	rBV3	35049	47235	1.64%	0.130%
67	19.321	2775	2777	2781	rVB	24093	29045	1.01%	0.080%
68	19.415	2787	2793	2795	rBV	1340725	1802275	62.62%	4.954%
69	19.445	2795	2798	2806	rVV	1009414	1306509	45.40%	3.591%
70	19.515	2807	2810	2818	rVB2	67208	125353	4.36%	0.345%
71	19.627	2825	2829	2835	rBV	81633	113007	3.93%	0.311%

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72	19.680	2835	2838	2844	rVB	65086	101444	3.52%	0.279%
73	19.774	2848	2854	2860	rBV3	101146	252576	8.78%	0.694%
74	19.874	2866	2871	2872	rBV5	19793	34511	1.20%	0.095%
75	19.909	2872	2877	2879	rVV3	91436	155441	5.40%	0.427%
76	19.945	2879	2883	2887	rVB	178739	267679	9.30%	0.736%
77	19.992	2888	2891	2896	rBV6	25073	46571	1.62%	0.128%
78	20.045	2896	2900	2903	rVV	100330	127163	4.42%	0.350%
79	20.098	2903	2909	2914	rVV2	169901	281320	9.77%	0.773%
80	20.139	2914	2916	2921	rVB5	28637	32999	1.15%	0.091%
81	20.186	2921	2924	2930	rBV2	38275	68674	2.39%	0.189%
82	20.239	2930	2933	2937	rBV	72405	91650	3.18%	0.252%
83	20.286	2937	2941	2947	rBV2	76370	128844	4.48%	0.354%
84	20.497	2974	2977	2980	rBV4	48509	69707	2.42%	0.192%
85	20.692	3006	3010	3016	rVB	144037	209530	7.28%	0.576%
86	20.856	3032	3038	3041	rBV2	107710	219875	7.64%	0.604%
87	20.897	3042	3045	3048	rVV	126924	157726	5.48%	0.434%
88	20.950	3048	3054	3057	rVV2	402194	608536	21.14%	1.673%
89	20.986	3057	3060	3069	rVB2	170539	259121	9.00%	0.712%
90	21.209	3091	3098	3102	rBV2	1639602	2877986	100.00%	7.910%
91	21.245	3102	3104	3112	rVB	616036	762536	26.50%	2.096%
92	21.362	3122	3124	3126	rBV	47444	55682	1.93%	0.153%
93	21.521	3147	3151	3156	rBV3	96538	174799	6.07%	0.480%
94	21.756	3188	3191	3195	rVB	171277	212358	7.38%	0.584%
95	21.809	3197	3200	3201	rBV	89186	96857	3.37%	0.266%
96	22.756	3355	3361	3374	rBV	511916	1631467	56.69%	4.484%
97	23.221	3435	3440	3443	rBV	239725	418327	14.54%	1.150%
98	23.268	3443	3448	3452	rVV	832180	1471533	51.13%	4.045%
99	23.315	3452	3456	3465	rVB	410597	809079	28.11%	2.224%
100	23.409	3466	3472	3478	rBV	934038	1687981	58.65%	4.640%

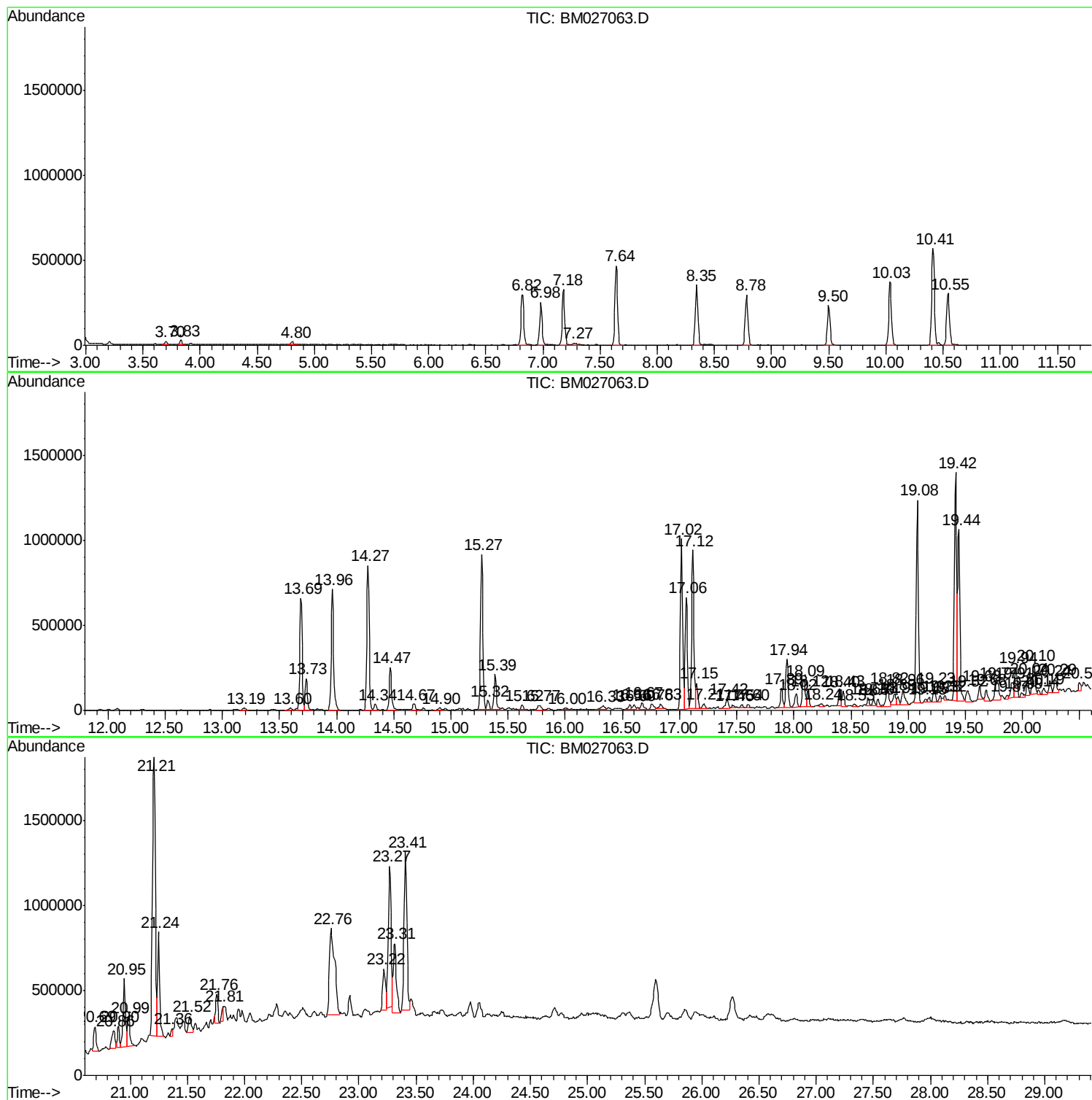
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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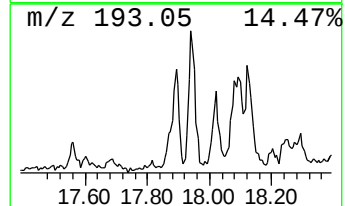
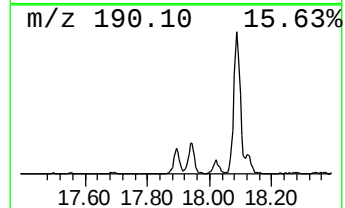
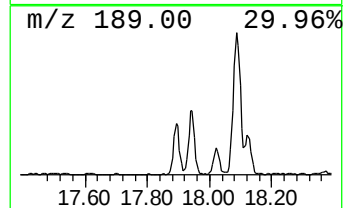
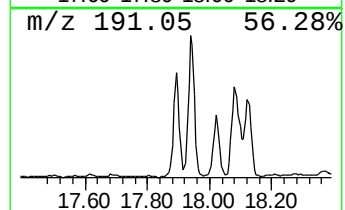
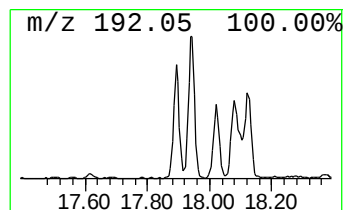
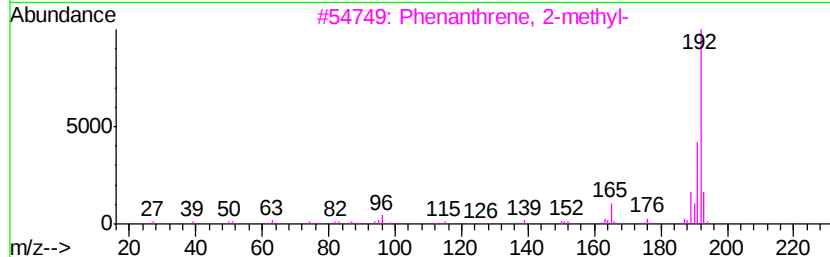
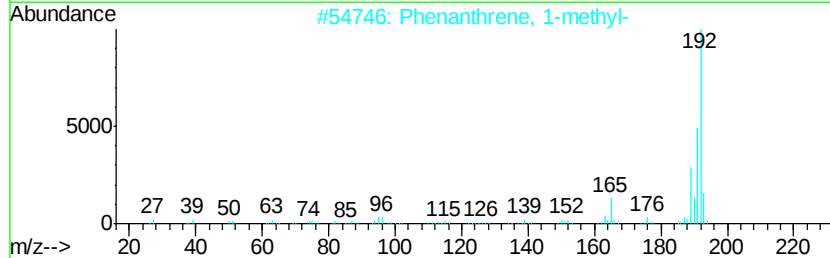
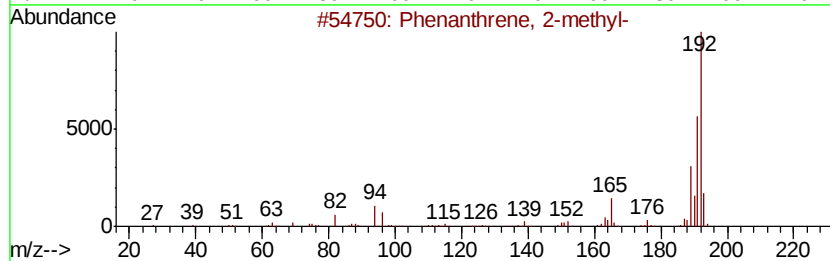
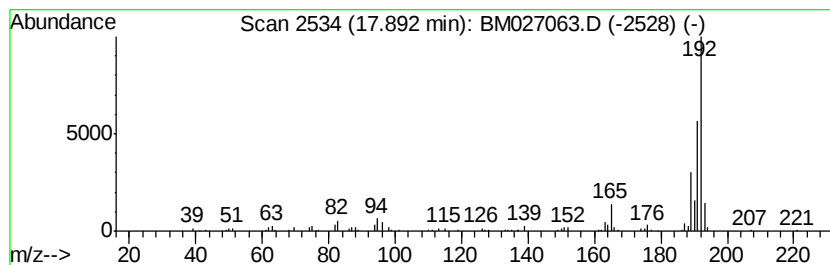
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	2.23 ng/ul	160381	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



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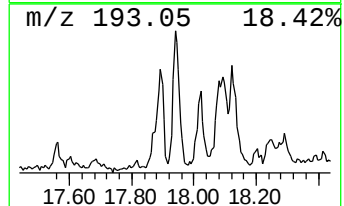
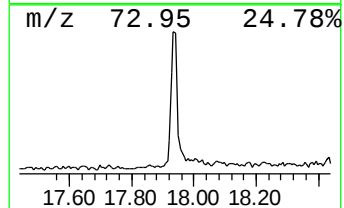
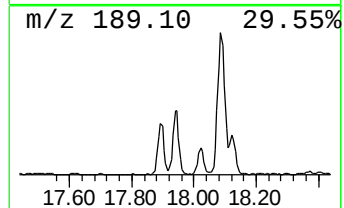
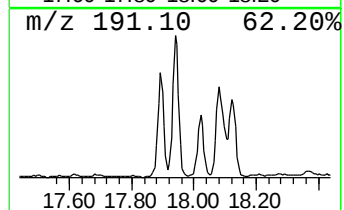
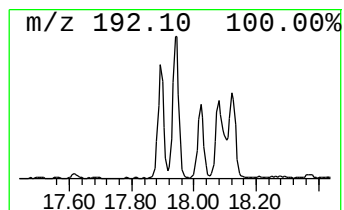
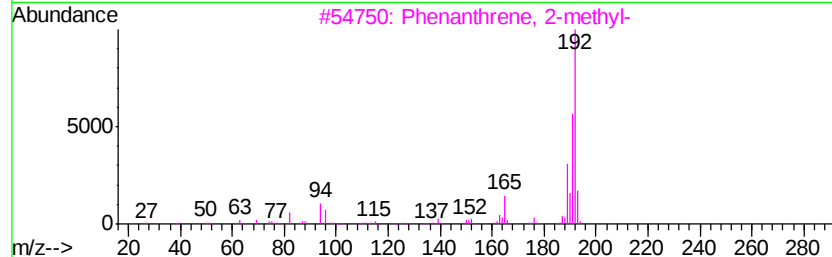
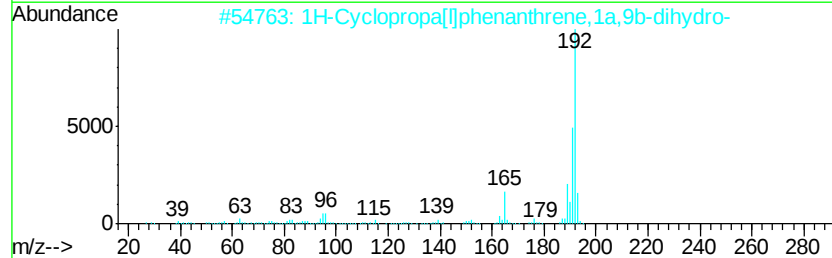
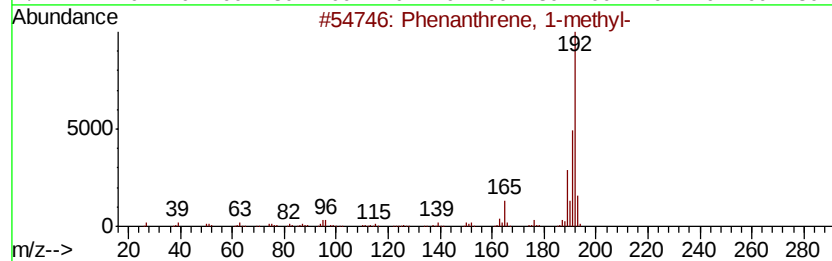
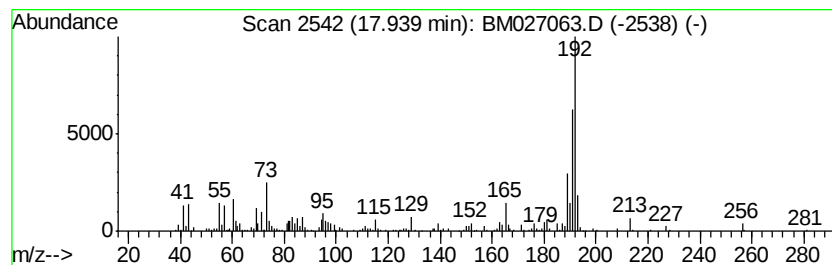
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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.94	5.54 ng/ul	398603	Phenanthrene-d10		17.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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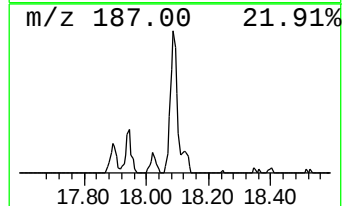
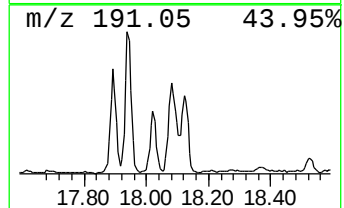
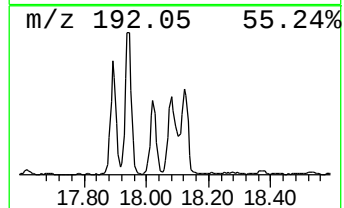
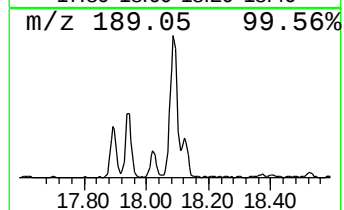
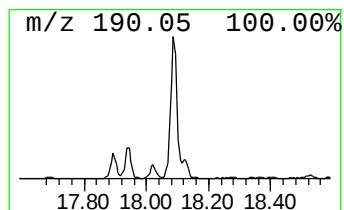
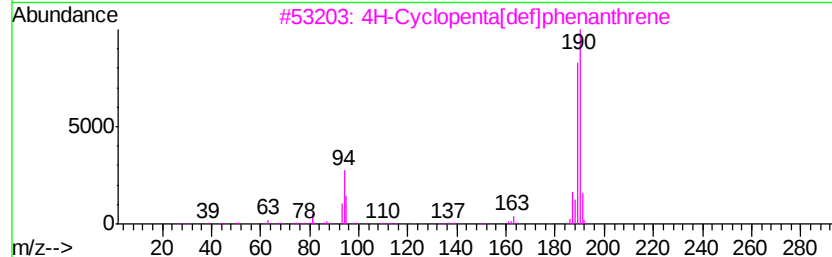
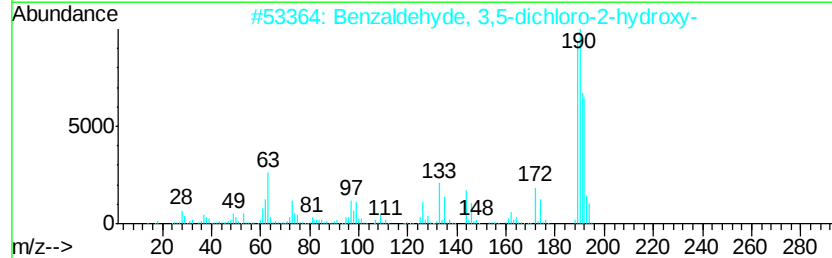
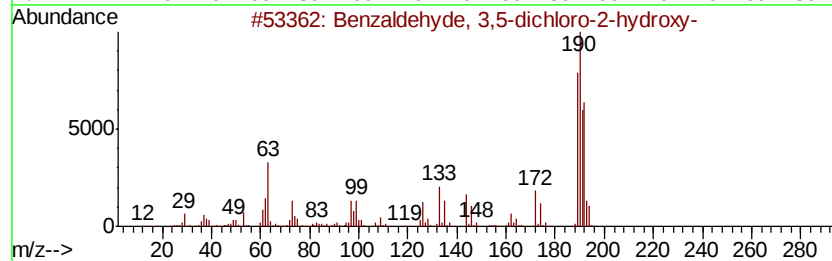
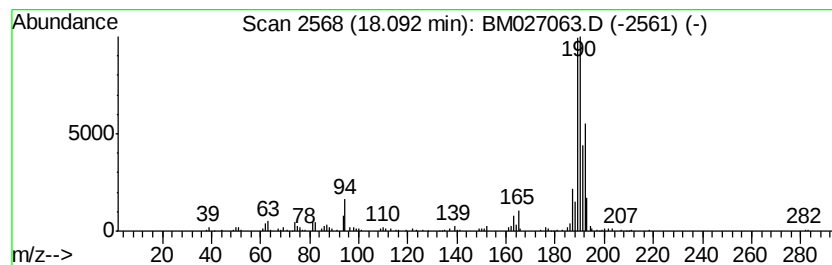
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Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.06 ng/ul	292058	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027063.D
Acq On : 13 Aug 2020 16:25
Operator : JU/CG
Sample : L3630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFM78

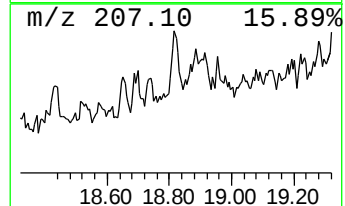
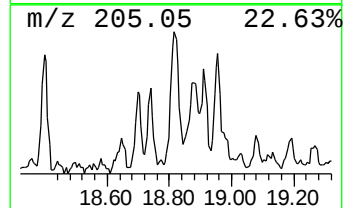
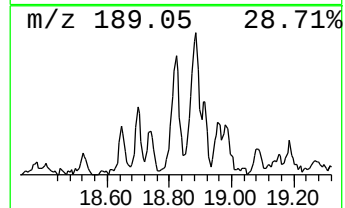
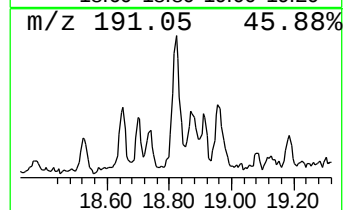
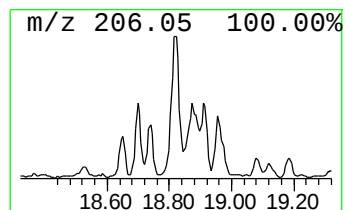
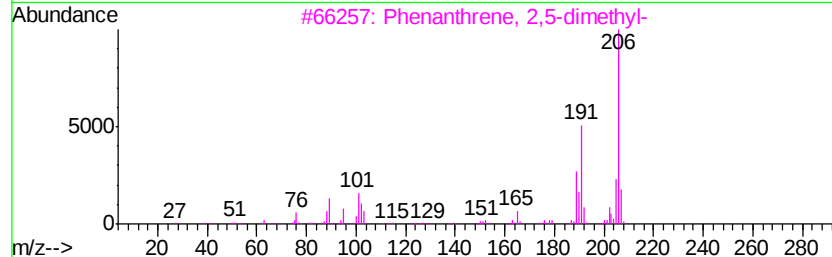
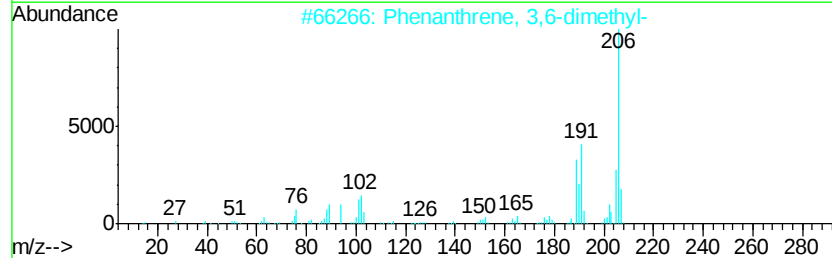
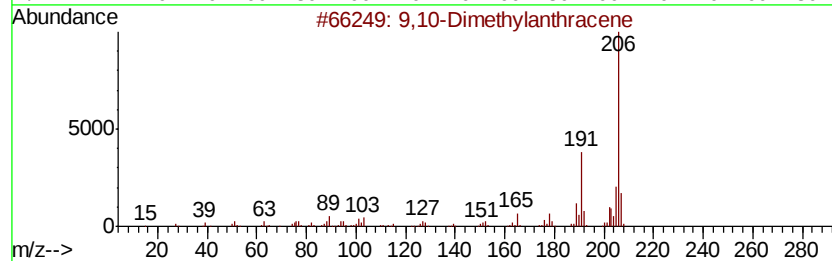
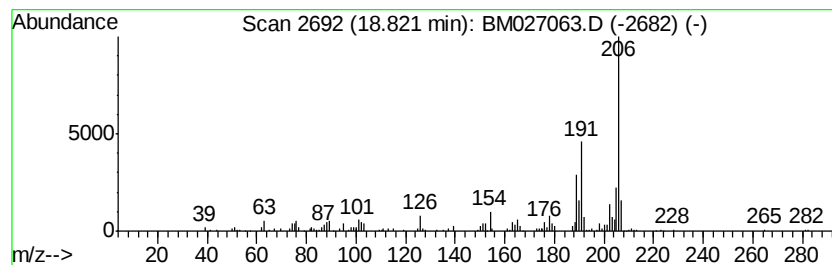
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.82	2.99 ng/ul	215137	Phenanthrene-d10		17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027063.D
Acq On : 13 Aug 2020 16:25
Operator : JU/CG
Sample : L3630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFM78

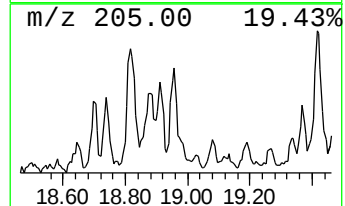
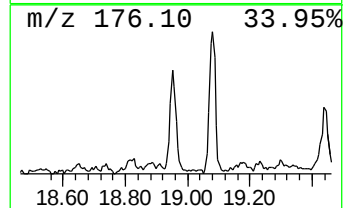
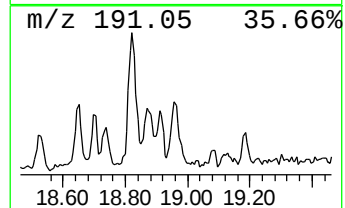
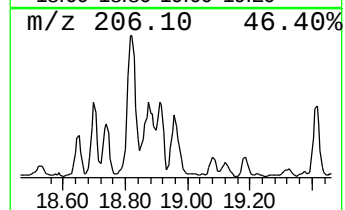
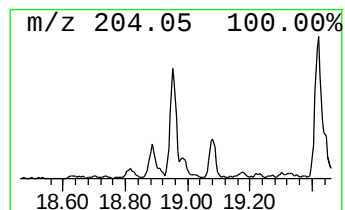
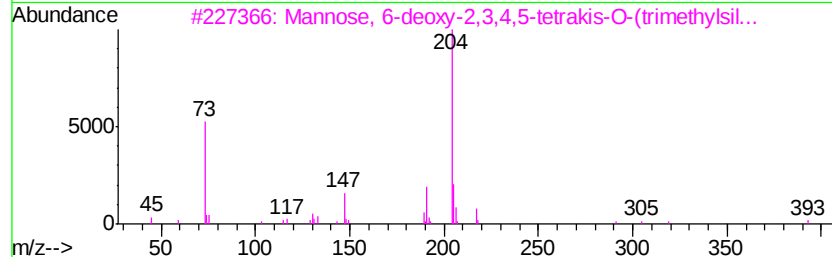
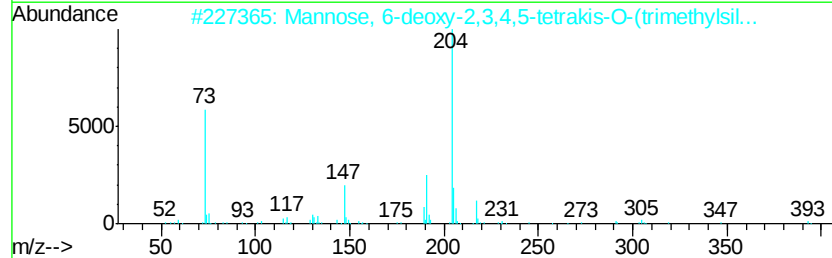
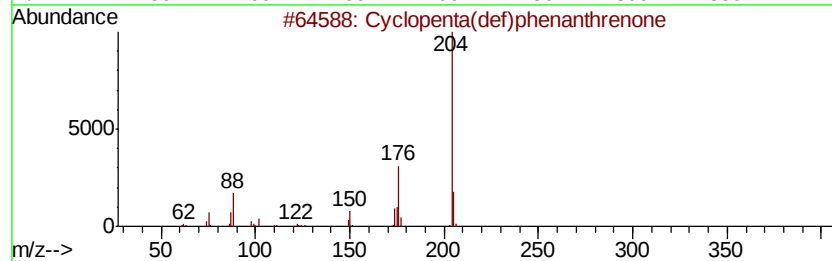
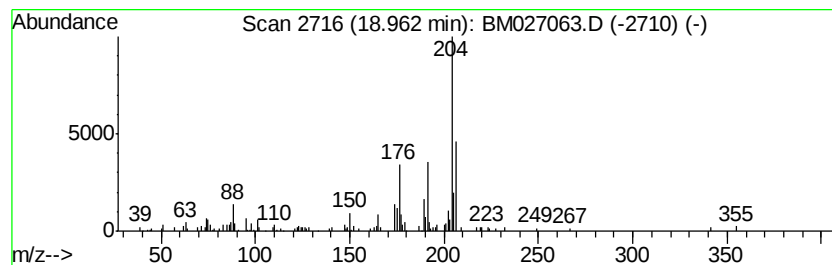
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.40 ng/ul	172452	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47
3		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47
4		L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
5		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027063.D
Acq On : 13 Aug 2020 16:25
Operator : JU/CG
Sample : L3630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

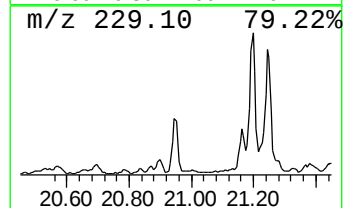
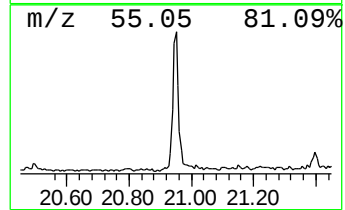
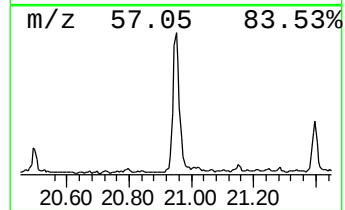
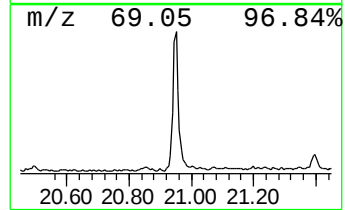
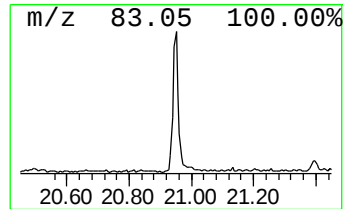
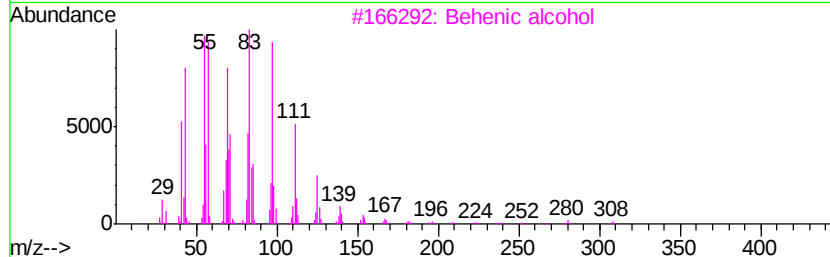
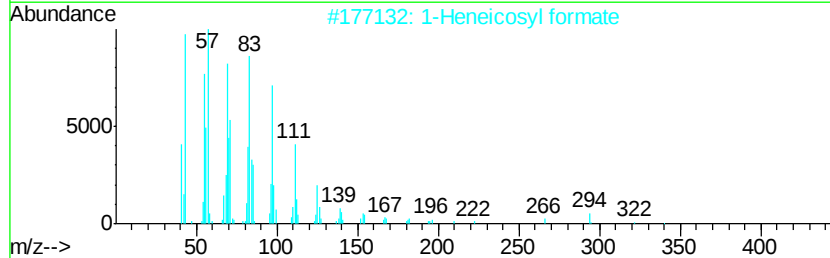
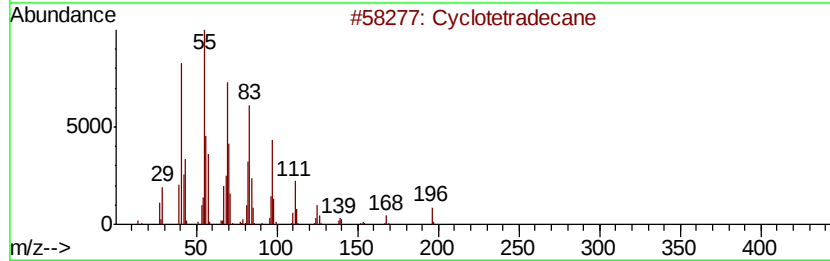
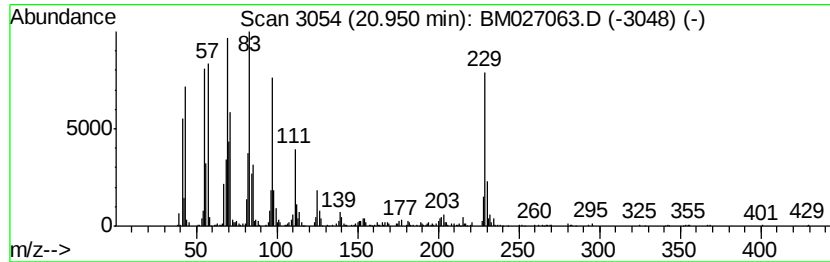
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.95	4.23 ng/ul	608536	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcclotetradecane	196	C14H28	000295-17-0	92
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Behenic alcohol	326	C22H46O	000661-19-8	89
4	Heptafluorobutvric acid, pentade...	424	C19H31F7O2	959261-23-5	86
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
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Sample : L3630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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...	17.89	2.2	ng/ul	160381	4	17.02	1439240	20.0
Phenanthrene, 1-m...	17.94	5.5	ng/ul	398603	4	17.02	1439240	20.0
Benzaldehyde, 3,5...	18.09	4.1	ng/ul	292058	4	17.02	1439240	20.0
9,10-Dimethylanthe...	18.82	3.0	ng/ul	215137	4	17.02	1439240	20.0
Cyclopenta(def)ph...	18.96	2.4	ng/ul	172452	4	17.02	1439240	20.0
(DEL) Alkane: Cyc...	20.95	4.2	ng/ul	608536	5	21.21	2877990	20.0