

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027106.D
 Acq On : 15 Aug 2020 02:58
 Operator : JU/CG
 Sample : L3631-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM3

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	114	121	129	rBV	51356	71334	2.29%	0.166%
2	3.828	138	143	147	rVB	28764	36784	1.18%	0.086%
3	4.805	302	309	316	rVB	18795	29130	0.94%	0.068%
4	6.816	645	651	666	rBV	380716	656152	21.09%	1.531%
5	6.975	672	678	688	rBV	324411	502150	16.14%	1.172%
6	7.175	705	712	722	rVB	436273	663700	21.33%	1.548%
7	7.634	784	790	801	rVV	542757	855884	27.51%	1.997%
8	8.340	903	910	920	rBV	442154	685477	22.03%	1.599%
9	8.775	978	984	995	rBV	381870	626412	20.13%	1.461%
10	9.493	1100	1106	1115	rBV	303002	505024	16.23%	1.178%
11	10.034	1191	1198	1208	rBV	498628	807844	25.97%	1.885%
12	10.410	1254	1262	1267	rBV	675963	1129370	36.30%	2.635%
13	10.457	1267	1270	1277	rVB	28181	44042	1.42%	0.103%
14	10.540	1277	1284	1303	rBV	426308	710185	22.83%	1.657%
15	12.075	1537	1545	1553	rVB	30921	49311	1.58%	0.115%
16	12.298	1575	1583	1589	rBV2	28397	45254	1.45%	0.106%
17	13.592	1793	1803	1808	rBV2	30285	53640	1.72%	0.125%
18	13.645	1808	1812	1814	rVV2	20641	30184	0.97%	0.070%
19	13.686	1814	1819	1823	rVV	877024	1173879	37.73%	2.739%
20	13.728	1823	1826	1834	rVB	88353	127825	4.11%	0.298%
21	13.828	1839	1843	1847	rVV3	15916	25029	0.80%	0.058%
22	13.957	1859	1865	1878	rBV	913972	1400571	45.02%	3.268%
23	14.269	1910	1918	1924	rBV2	1016680	1522964	48.95%	3.553%
24	14.333	1924	1929	1937	rVV	90022	128423	4.13%	0.300%
25	14.469	1946	1952	1963	rBV	270891	415418	13.35%	0.969%
26	14.669	1981	1986	1995	rVV	90394	147654	4.75%	0.344%
27	14.898	2017	2025	2030	rBV5	15350	27037	0.87%	0.063%
28	15.269	2081	2088	2093	rVV	1168572	1692375	54.40%	3.949%
29	15.322	2093	2097	2102	rVV	123982	176746	5.68%	0.412%
30	15.386	2102	2108	2116	rVV	206475	321363	10.33%	0.750%
31	15.445	2116	2118	2121	rVV2	18667	24628	0.79%	0.057%
32	15.486	2121	2125	2132	rVV5	21165	53896	1.73%	0.126%
33	15.622	2143	2148	2157	rVB	52805	87893	2.83%	0.205%
34	15.763	2167	2172	2180	rVB	58085	117251	3.77%	0.274%

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35	15.851	2180	2187	2195	rVB4	15326	29942	0.96%	0.070%
36	15.992	2204	2211	2218	rVB9	9718	25017	0.80%	0.058%
37	16.327	2256	2268	2273	rBV4	30660	86221	2.77%	0.201%
38	16.380	2273	2277	2282	rVV4	16125	28223	0.91%	0.066%
39	16.557	2304	2307	2311	rVV4	33424	56009	1.80%	0.131%
40	16.598	2311	2314	2317	rVV2	28906	46067	1.48%	0.107%
41	16.669	2322	2326	2334	rVV	75113	120512	3.87%	0.281%
42	16.757	2336	2341	2347	rVV3	34307	76009	2.44%	0.177%
43	16.833	2350	2354	2358	rVV	52017	78593	2.53%	0.183%
44	17.016	2379	2385	2388	rVV	1233565	1717221	55.19%	4.006%
45	17.057	2388	2392	2397	rVV	1079400	1485506	47.75%	3.466%
46	17.116	2397	2402	2405	rVV	1237960	1789200	57.51%	4.174%
47	17.145	2405	2407	2413	rVV	264337	320792	10.31%	0.748%
48	17.210	2413	2418	2423	rVV2	39644	68115	2.19%	0.159%
49	17.416	2449	2453	2457	rVB	82081	120690	3.88%	0.282%
50	17.539	2470	2474	2479	rVV3	24198	37740	1.21%	0.088%
51	17.598	2480	2484	2493	rVV6	28511	44601	1.43%	0.104%
52	17.892	2525	2534	2537	rBV	165525	237949	7.65%	0.555%
53	17.933	2537	2541	2550	rVB2	287611	438468	14.09%	1.023%
54	18.016	2550	2555	2560	rBV2	78574	126117	4.05%	0.294%
55	18.086	2560	2567	2570	rBV3	176587	328925	10.57%	0.767%
56	18.121	2570	2573	2579	rVB	107676	146204	4.70%	0.341%
57	18.239	2589	2593	2597	rVB3	26781	35823	1.15%	0.084%
58	18.398	2615	2620	2622	rBV	111057	151165	4.86%	0.353%
59	18.427	2622	2625	2630	rVB	110202	148428	4.77%	0.346%
60	18.521	2638	2641	2645	rBV2	17389	25273	0.81%	0.059%
61	18.645	2659	2662	2666	rVB2	40327	44548	1.43%	0.104%
62	18.692	2667	2670	2673	rBV	31487	36837	1.18%	0.086%
63	18.733	2673	2677	2681	rVB2	43019	57520	1.85%	0.134%
64	18.816	2685	2691	2696	rBV2	101749	184341	5.92%	0.430%
65	18.880	2697	2702	2705	rBV4	45220	79589	2.56%	0.186%
66	18.951	2710	2714	2723	rVB	91780	164323	5.28%	0.383%
67	19.074	2730	2735	2741	rVB	1278902	1699765	54.63%	3.966%
68	19.174	2750	2752	2757	rVB4	31956	41122	1.32%	0.096%
69	19.221	2757	2760	2764	rBV3	49888	66492	2.14%	0.155%
70	19.274	2765	2769	2771	rBV5	37126	57063	1.83%	0.133%
71	19.410	2787	2792	2795	rBV	1814979	2528868	81.28%	5.900%

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72	19.439	2795	2797	2804	rVV	1034635	1194837	38.40%	2.788%
73	19.515	2806	2810	2817	rVB2	79630	146538	4.71%	0.342%
74	19.621	2824	2828	2832	rBV	103555	125030	4.02%	0.292%
75	19.680	2834	2838	2845	rVB	78912	124669	4.01%	0.291%
76	19.757	2846	2851	2859	rBV3	176166	397032	12.76%	0.926%
77	19.904	2872	2876	2878	rBV2	78186	116241	3.74%	0.271%
78	19.939	2879	2882	2887	rVB	166266	225459	7.25%	0.526%
79	19.992	2888	2891	2894	rBV3	22153	28660	0.92%	0.067%
80	20.039	2896	2899	2903	rBV2	74458	79864	2.57%	0.186%
81	20.098	2903	2909	2913	rBV2	156182	275669	8.86%	0.643%
82	20.180	2920	2923	2927	rVB	36981	46224	1.49%	0.108%
83	20.239	2929	2933	2936	rVV	71060	83288	2.68%	0.194%
84	20.280	2937	2940	2945	rVV2	66922	105489	3.39%	0.246%
85	20.492	2973	2976	2979	rBV4	45722	71515	2.30%	0.167%
86	20.686	3005	3009	3015	rVB	151887	212309	6.82%	0.495%
87	20.851	3032	3037	3041	rBV2	89595	181435	5.83%	0.423%
88	20.892	3041	3044	3047	rVV	126645	149344	4.80%	0.348%
89	20.939	3047	3052	3056	rVV2	408489	598861	19.25%	1.397%
90	20.980	3056	3059	3068	rVB	170174	266372	8.56%	0.621%
91	21.204	3091	3097	3101	rBV2	1871485	3111246	100.00%	7.259%
92	21.239	3101	3103	3111	rVB	641308	787955	25.33%	1.838%
93	21.357	3121	3123	3125	rBV2	54440	59907	1.93%	0.140%
94	21.751	3187	3190	3194	rVB	157846	200772	6.45%	0.468%
95	21.804	3196	3199	3205	rVV2	91233	169058	5.43%	0.394%
96	22.751	3355	3360	3372	rVB	490145	1534149	49.31%	3.579%
97	23.215	3435	3439	3442	rBV	197388	336674	10.82%	0.786%
98	23.262	3442	3447	3451	rVV	1059809	1794136	57.67%	4.186%
99	23.303	3451	3454	3463	rVB	420635	813794	26.16%	1.899%
100	23.398	3464	3470	3476	rBV2	1049904	1950420	62.69%	4.551%

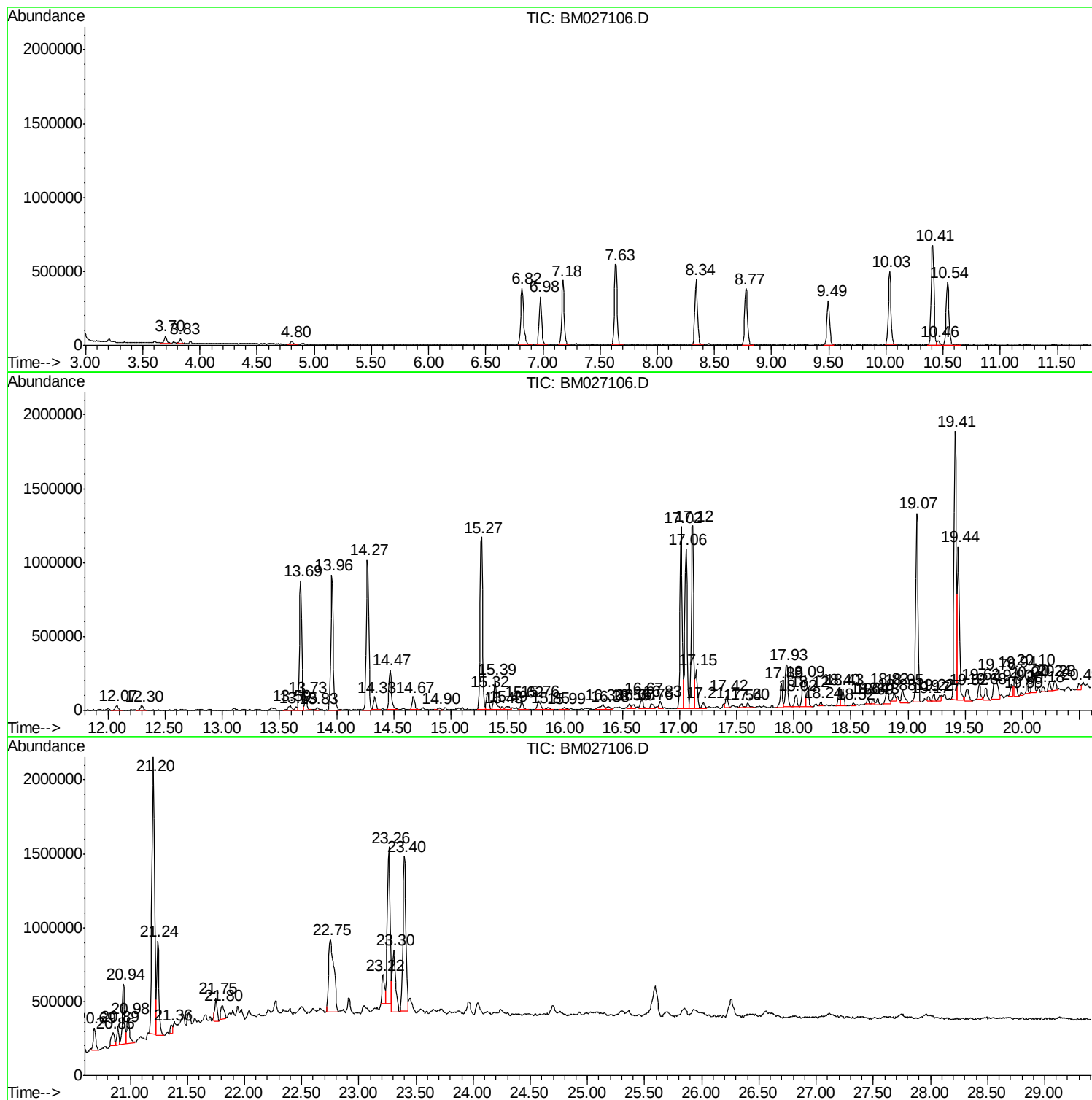
Sum of corrected areas: 42861054

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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



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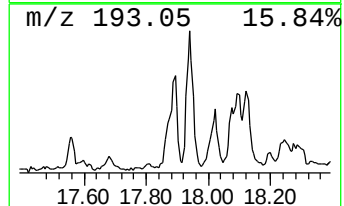
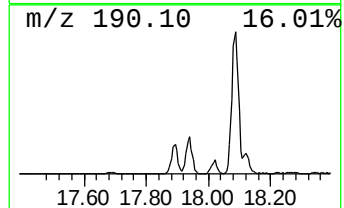
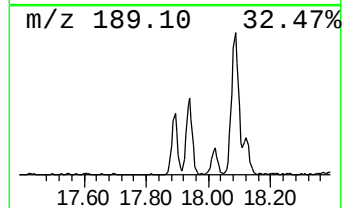
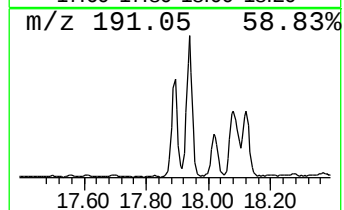
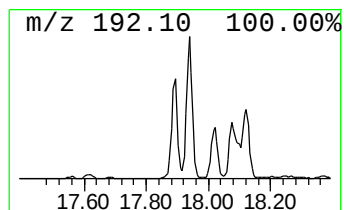
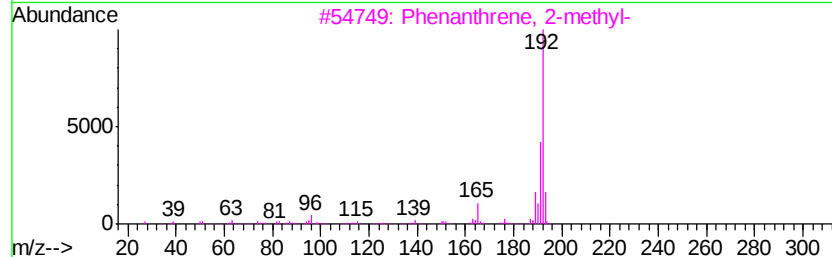
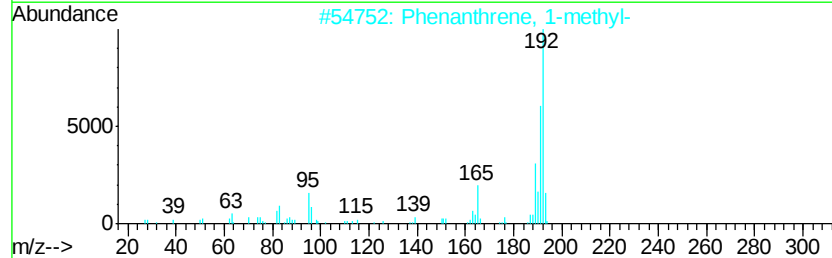
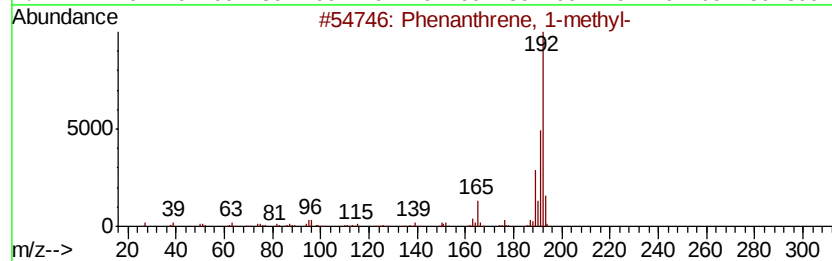
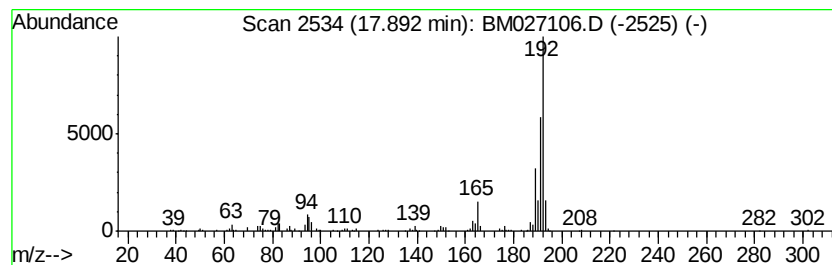
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.77 ng/ul	237949	Phenanthrene-d10		17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene,	1-methyl-		192	C15H12	000832-69-9	97
2	Phenanthrene,	1-methyl-		192	C15H12	000832-69-9	95
3	Phenanthrene,	2-methyl-		192	C15H12	002531-84-2	95
4	Phenanthrene,	2-methyl-		192	C15H12	002531-84-2	95
5	Phenanthrene,	1-methyl-		192	C15H12	000832-69-9	95



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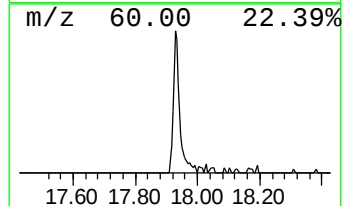
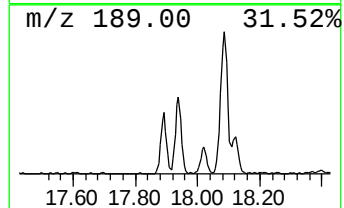
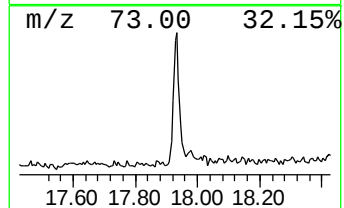
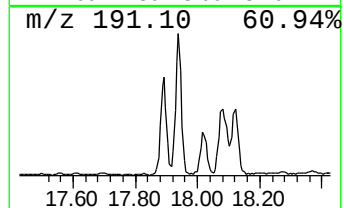
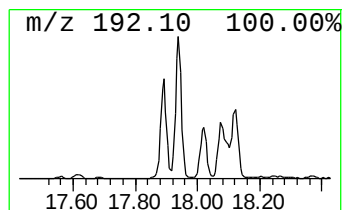
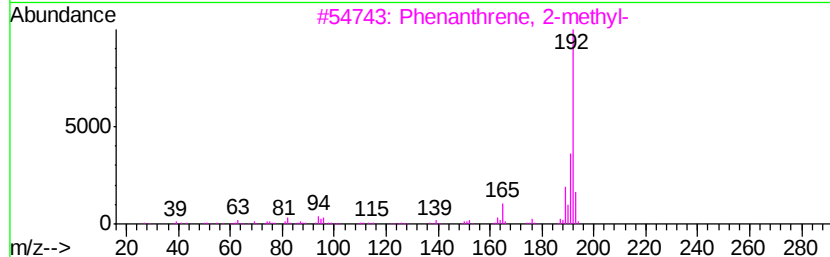
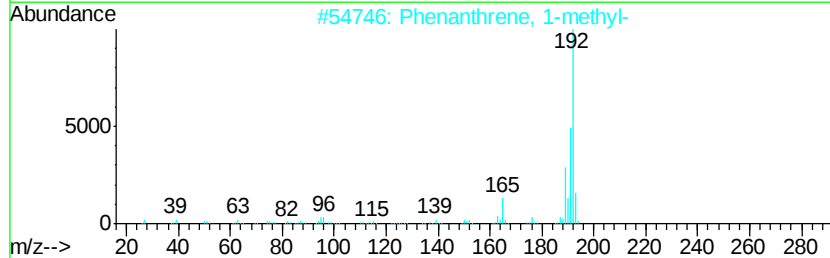
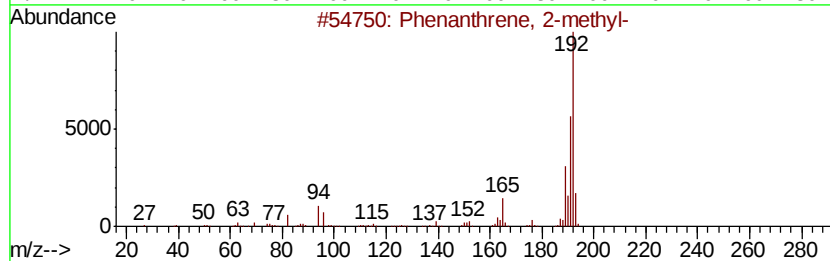
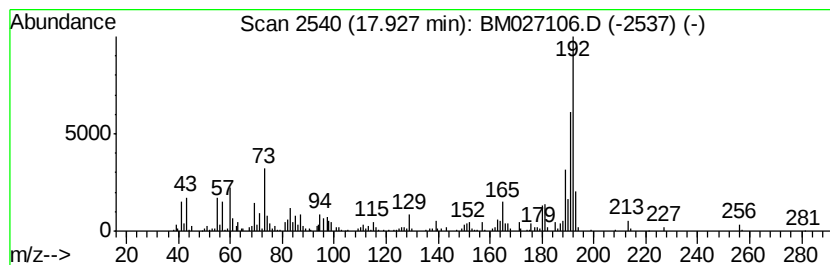
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.93	5.11 ng/ul	438468	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
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	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96



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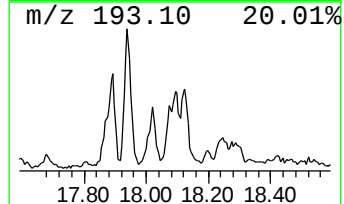
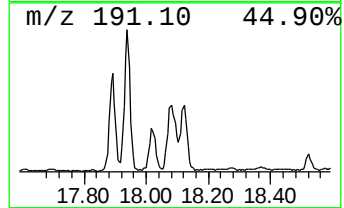
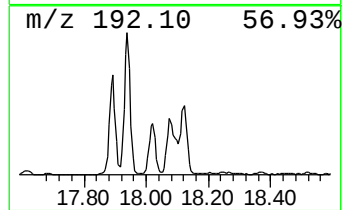
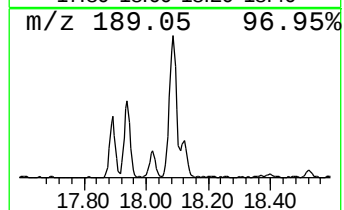
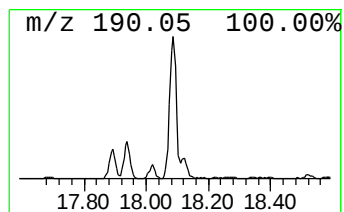
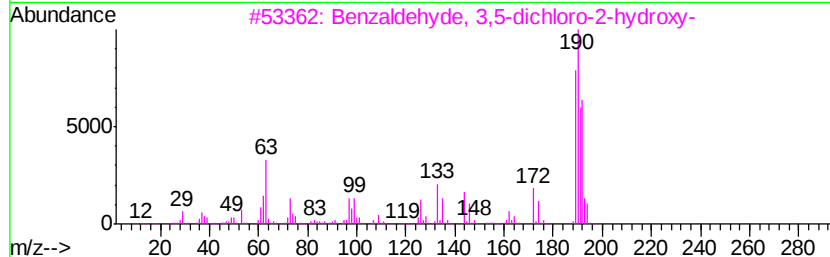
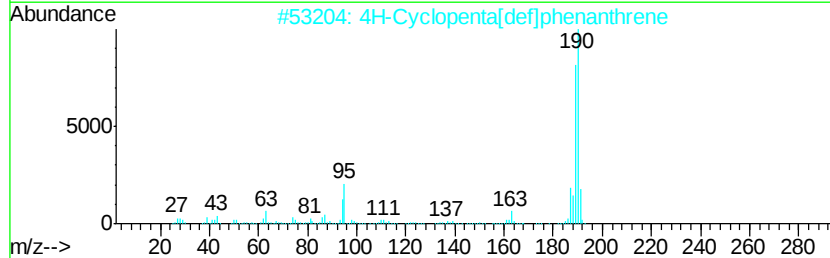
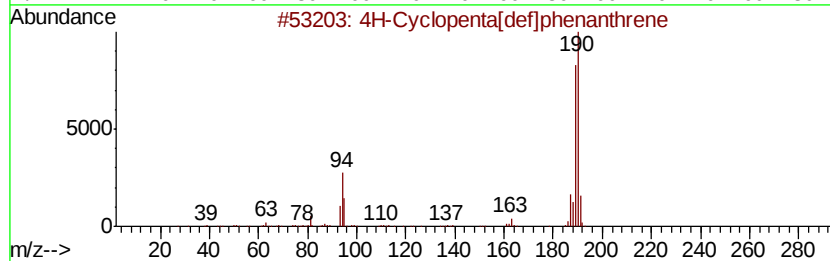
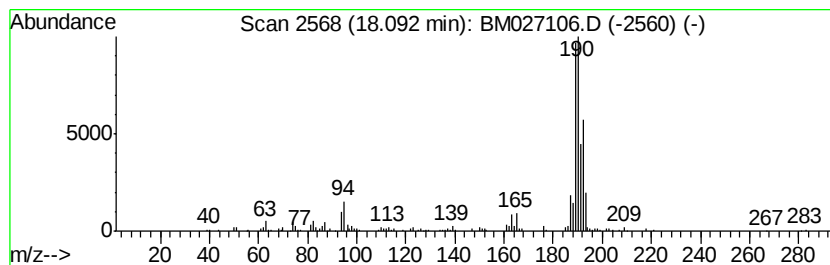
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.83 ng/ul	328925	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40



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Data File : BM027106.D
Acq On : 15 Aug 2020 02:58
Operator : JU/CG
Sample : L3631-07
Misc :
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Instrument :
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ClientSampleId :
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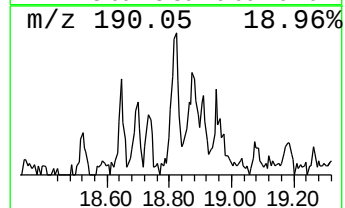
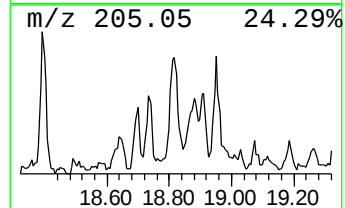
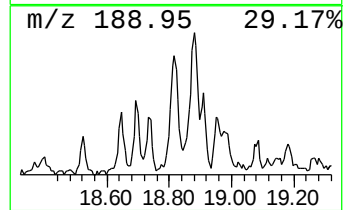
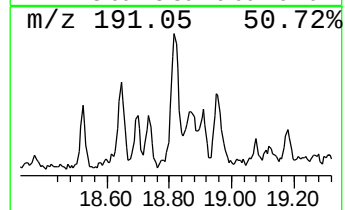
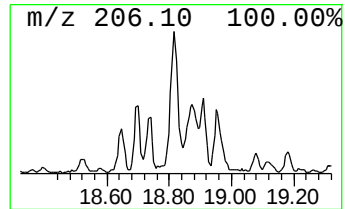
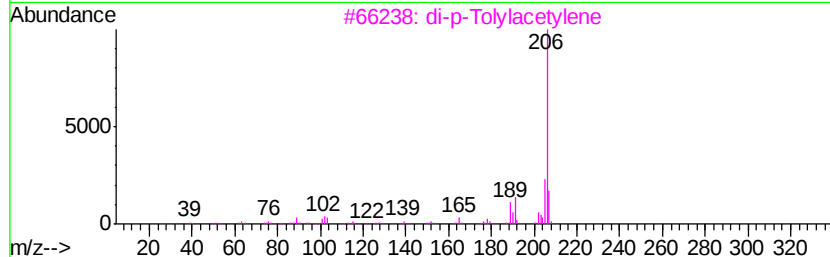
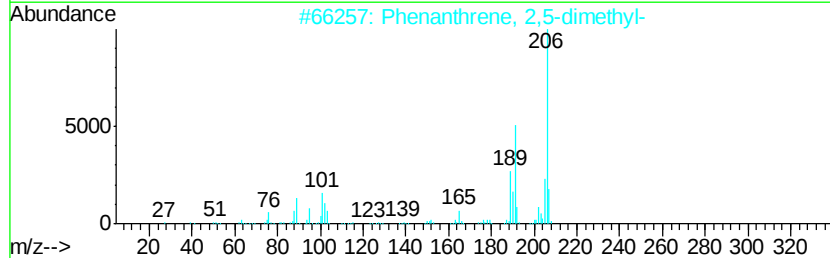
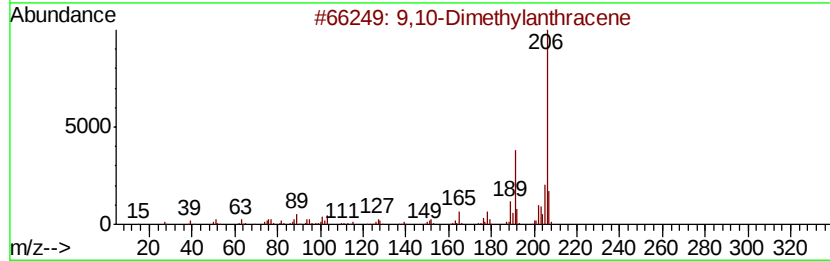
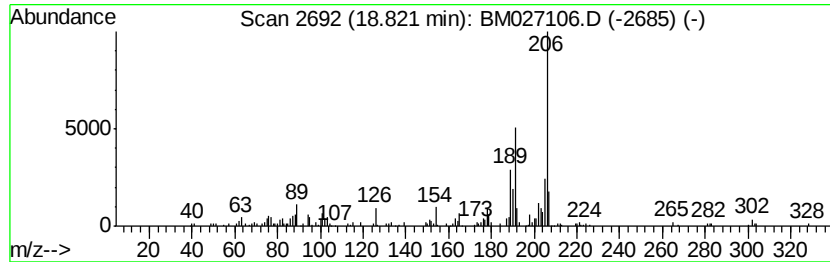
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.15 ng/ul	184341	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, 2,5-dimethyl-	206	C16H14	003674-66-6	91	
3	di-p-Tolylacetvlene	206	C16H14	002789-88-0	91	
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90	
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90	



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Operator : JU/CG
Sample : L3631-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFMM3

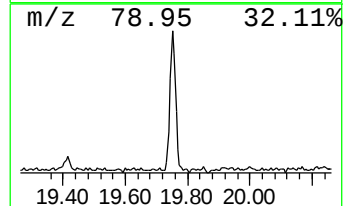
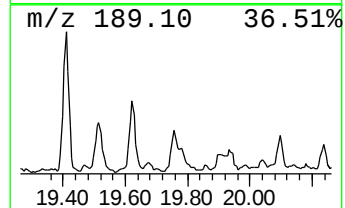
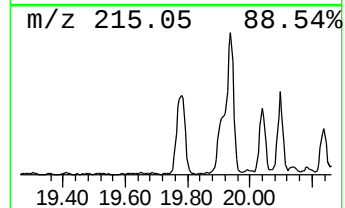
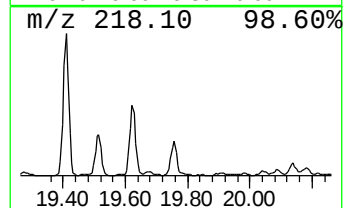
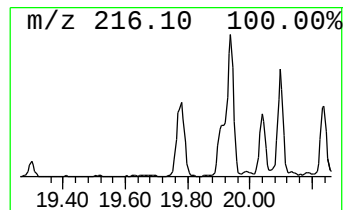
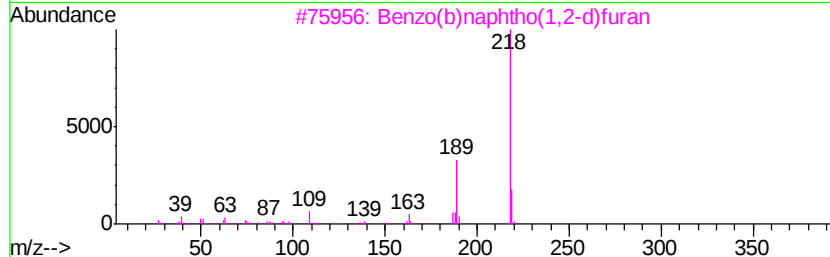
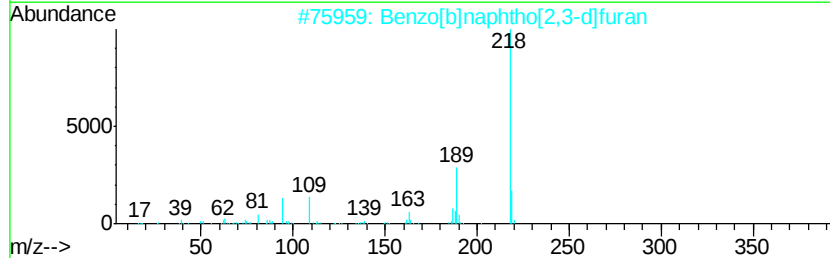
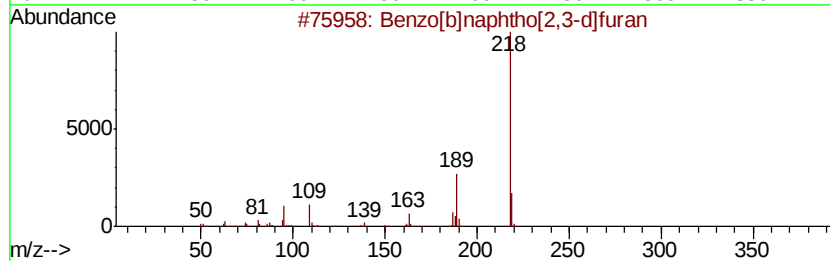
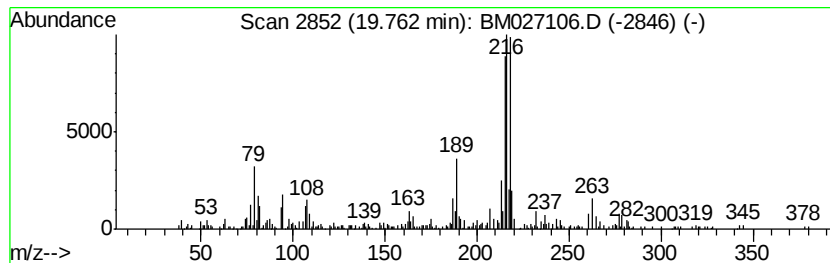
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[b]naphtho[2,3-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.55 ng/ul	397032	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	86
2		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	66
3		Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	46
4		Benzo[k]l[xanthene	218	C16H10O	000200-23-7	46
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
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Misc :
ALS Vial : 52 Sample Multiplier: 1

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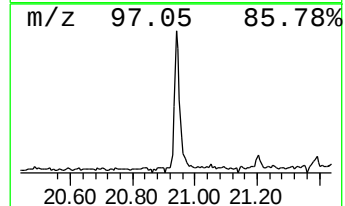
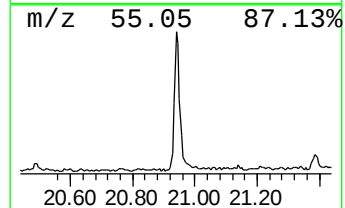
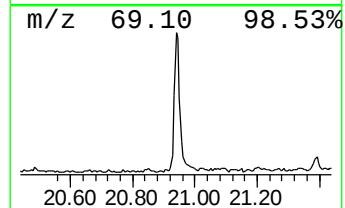
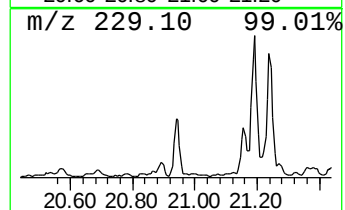
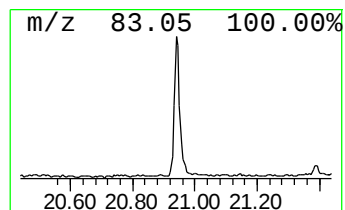
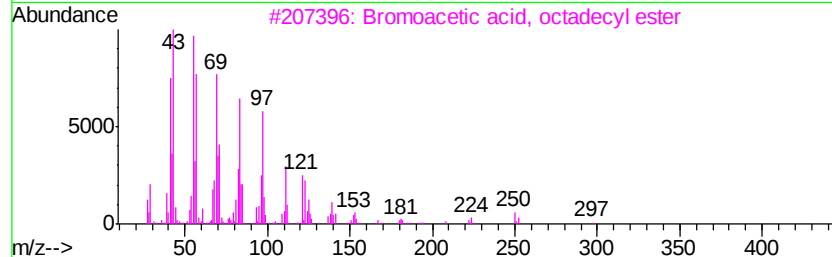
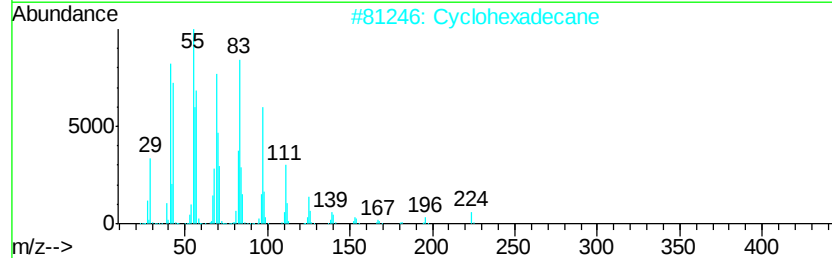
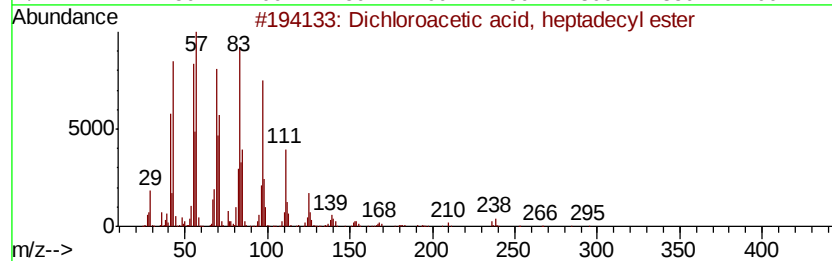
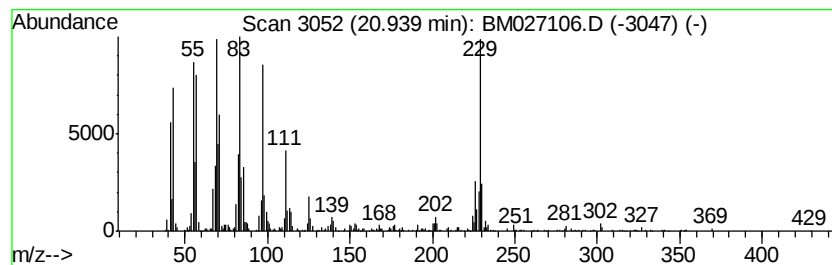
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.85 ng/ul	598861	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	80	
2	Cyclohexadecane	224	C16H32	000295-65-8	70	
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	64	
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	64	
5	Behenic alcohol	326	C22H46O	000661-19-8	50	



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ALS Vial : 52 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	17.89	2.8	ng/ul	237949	4	17.02	1717220	20.0
Phenanthrene, 2-m...	17.93	5.1	ng/ul	438468	4	17.02	1717220	20.0
4H-Cyclopenta[def...	18.09	3.8	ng/ul	328925	4	17.02	1717220	20.0
9,10-Dimethylanthe...	18.82	2.1	ng/ul	184341	4	17.02	1717220	20.0
Benzo[b]naphtho[2...	19.76	2.5	ng/ul	397032	5	21.20	3111250	20.0
Dichloroacetic ac...	20.94	3.9	ng/ul	598861	5	21.20	3111250	20.0