LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	117	121	129	rVV	36512	47967	1.30%	0.077%
2	3.834	138	144	149	rVB	24558	37917	1.03%	0.061%
3	6.822	645	652	662	rBV	484548	806321	21.87%	1.300%
4	6.981	672	679	688	rBV	361403	555575	15.07%	0.896%
5	7.181	705	713	725	rVB	509291	796089	21.60%	1.283%
6	7.640	785	791	798	rBV	524964	791396	21.47%	1.276%
7	8.345	904	911	919	rVV	609090	937179	25.42%	1.511%
8	8.781	978	985	993	rVB	452964	722616	19.60%	1.165%
9	9.498	1100	1107	1115	rVV	380376	614405	16.67%	0.991%
10	10.039	1192	1199	1208	rBV	653792	1072079	29.08%	1.728%
11	10.410	1254	1262	1268	rBV	651852	1068066	28.97%	1.722%
12	10.463	1268	1271	1276	rVB	22307	33169	0.90%	0.053%
13	10.545	1276	1285	1302	rBV	437539	795783	21.59%	1.283%
14	12.080	1539	1546	1553	rBV	19207	32670	0.89%	0.053%
15	13.598	1799	1804	1808	rVB	25394	40715	1.10%	0.066%
16	13.686	1814	1819	1824	rVV	1067424	1491223	40.45%	2.404%
17	13.733	1824	1827	1834	rVB	165311	214637	5.82%	0.346%
18	13.963	1859	1866	1881	rVB	1255629	1979831	53.71%	3.192%
19	14.274	1911	1919	1925	rVV2	964820	1430541	38.81%	2.306%
20	14.339	1925	1930	1938	rVV	55989	91652	2.49%	0.148%
21	14.474	1946	1953	1964	rVV	464537	717191	19.45%	1.156%
22	14.674	1982	1987	1996	rVV2	53088	99606	2.70%	0.161%
23	14.898	2019	2025	2030	rBV2	17983	35786	0.97%	0.058%
24	15.268	2081	2088	2094	rBV	1595149	2199859	59.67%	3.547%
25	15.321	2094	2097	2103	rVB2	76584	112190	3.04%	0.181%
26	15.392	2103	2109	2116	rBV	289689	438285	11.89%	0.707%
27	15.510	2122	2129	2133	rVV5	18970	43500	1.18%	0.070%
28	15.621	2143	2148	2154	rBV	38487	59867	1.62%	0.097%
29	15.768	2164	2173	2181	rVB2	40875	97073	2.63%	0.157%
30	15.998	2204	2212	2218	rBV7	20014	47453	1.29%	0.077%
31	16.310	2256	2265	2266	rBV7	19033	35743	0.97%	0.058%
32	16.333	2266	2269	2274	rVV5	26158	49862	1.35%	0.080%
33	16.563	2304	2308	2312	rVV2	37195	56845	1.54%	0.092%
34	16.598	2312	2314	2318	rVV2	32592	46812	1.27%	0.075%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	16.674	2322	2327	2337	rVB	77729	143122	3.88%	0.231%
36	16.757	2337	2341	2347	rBV4	37731	85804	2.33%	0.138%
37	16.833	2347	2354	2360	rVB	46309	83257	2.26%	0.134%
38	16.939	2366	2372	2376	rBV9	19210	34694	0.94%	0.056%
39	17.015	2379	2385	2389	rVV	1140863	1642947	44.57%	2.649%
40	17.062	2389	2393	2397	rVV	1068215	1480389	40.16%	2.387%
41	17.115	2397	2402	2406	rVV2	1727311	2410891	65.40%	3.887%
42	17.151	2406	2408	2413	rVV	249845	279832	7.59%	0.451%
43	17.210	2413	2418	2424	rVB4	46048	81571	2.21%	0.132%
44	17.415	2445	2453	2458	rBV2	83663	172034	4.67%	0.277%
45	17.545	2472	2475	2479	rVV4	29930	37201	1.01%	0.060%
46	17.598	2481	2484	2488	rVB	40855	52891	1.43%	0.085%
47	17.733	2506	2507	2513	rVB6	21832	33440	0.91%	0.054%
48	17.815	2517	2521	2525	rVV5	30853	42253	1.15%	0.068%
49	17.892	2527	2534	2538	rVV	201625	362952	9.85%	0.585%
50	17.939	2538	2542	2550	rVV2	578255	829475	22.50%	1.337%
51	18.021	2550	2556	2560	rVV2	109380	185890	5.04%	0.300%
52	18.086	2561	2567	2571	rVV3	243765	456379	12.38%	0.736%
53	18.121	2571	2573	2580	rVB	141993	185869	5.04%	0.300%
54	18.239	2590	2593	2598	rVB5	48488	66742	1.81%	0.108%
55	18.398	2615	2620	2623	rBV	146878	204847	5.56%	0.330%
56	18.433	2623	2626	2631	rVB	196567	252682	6.85%	0.407%
57	18.651	2659	2663	2666	rBV2	57703	71856	1.95%	0.116%
58	18.704	2668	2672	2674	rBV	44399	52262	1.42%	0.084%
59	18.739	2675	2678	2682	rVB	55032	70119	1.90%	0.113%
60	18.815	2686	2691	2696	rBV3	159024	280872	7.62%	0.453%
61	18.880	2698	2702	2705	rBV4	77660	120555	3.27%	0.194%
62	18.956	2711	2715	2724	rVB2	152204	244460	6.63%	0.394%
63	19.080	2731	2736	2742	rVB	1976212	2563388	69.54%	4.133%
64	19.186	2751	2754	2757	rVB3	48287	61672	1.67%	0.099%
65	19.227	2757	2761	2766	rBV	140588	184724	5.01%	0.298%
66	19.280	2766	2770	2773	rBV2	59762	97709	2.65%	0.158%
67	19.415	2787	2793	2796	rBV	2332836	3499652	94.93%	5.642%
68	19.445	2796	2798	2806	rVV	1812257	2059516	55.87%	3.320%
69	19.515	2807	2810	2817	rVB3	82726	153462	4.16%	0.247%
70	19.627	2825	2829	2833	rBV	116796	144304	3.91%	0.233%
71	19.686	2835	2839	2845	rVB	110978	180529	4.90%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	19.756	2847	2851	2860	rBV5	369326	767235	20.81%	1.237%
73	19.909	2873	2877	2879	rBV3	111981	182471	4.95%	0.294%
74	19.945	2880	2883	2888	rVB	266965	364879	9.90%	0.588%
75	19.998	2889	2892	2895	rBV3	56424	62442	1.69%	0.101%
76	20.045	2896	2900	2903	rBV	136547	170071	4.61%	0.274%
77	20.098	2904	2909	2913	rBV2	235064	371673	10.08%	0.599%
78	20.239	2930	2933	2937	rBV	136453	160363	4.35%	0.259%
79	20.286	2937	2941	2948	rBV2	125036	215361	5.84%	0.347%
80	20.498	2974	2977	2981	rBV5	57127	111852	3.03%	0.180%
81	20.692	3006	3010	3017	rVB	255796	362423	9.83%	0.584%
82	20.856	3032	3038	3041	rBV2	178958	373239	10.12%	0.602%
83	20.892	3041	3044	3048	rVV2	229579	314270	8.53%	0.507%
84	20.945	3048	3053	3057	rVV2	925173	1254015	34.02%	2.022%
85	20.986	3057	3060	3068	rVB	265895	411859	11.17%	0.664%
86	21.150	3086	3088	3091	rBV2	81633	97418	2.64%	0.157%
87	21.203	3091	3097	3102	rVV2	1908060	3686443	100.00%	5.943%
88	21.245	3102	3104	3112	rVB	1084828	1296957	35.18%	2.091%
89	21.362	3122	3124	3126	rBV2	88039	99340	2.69%	0.160%
90	21.756	3188	3191	3195	rVB	253955	323963	8.79%	0.522%
91	21.833	3197	3204	3208	rVV3	388196	720185	19.54%	1.161%
92	22.497	3314	3317	3324	rVB3	345425	525358	14.25%	0.847%
93	22.780	3355	3365	3368	rBV2	1183669	3637899	98.68%	5.865%
94	22.815	3368	3371	3378	rVB	1065896	1616990	43.86%	2.607%
95	23.221	3435	3440	3443	rBV	531413	914774	24.81%	1.475%
96	23.274	3444	3449	3453	rVV	1366351	2503732	67.92%	4.037%
97	23.315	3453	3456	3464	rVB	907099	1545503	41.92%	2.492%
98	23.409	3466	3472	3477	rBV2	888204	1688177	45.79%	2.722%
99	23.974	3563	3568	3574	rVB	512114	916442	24.86%	1.478%
100	24.044	3576	3580	3589	rVB3	413234	820493	22.26%	1.323%

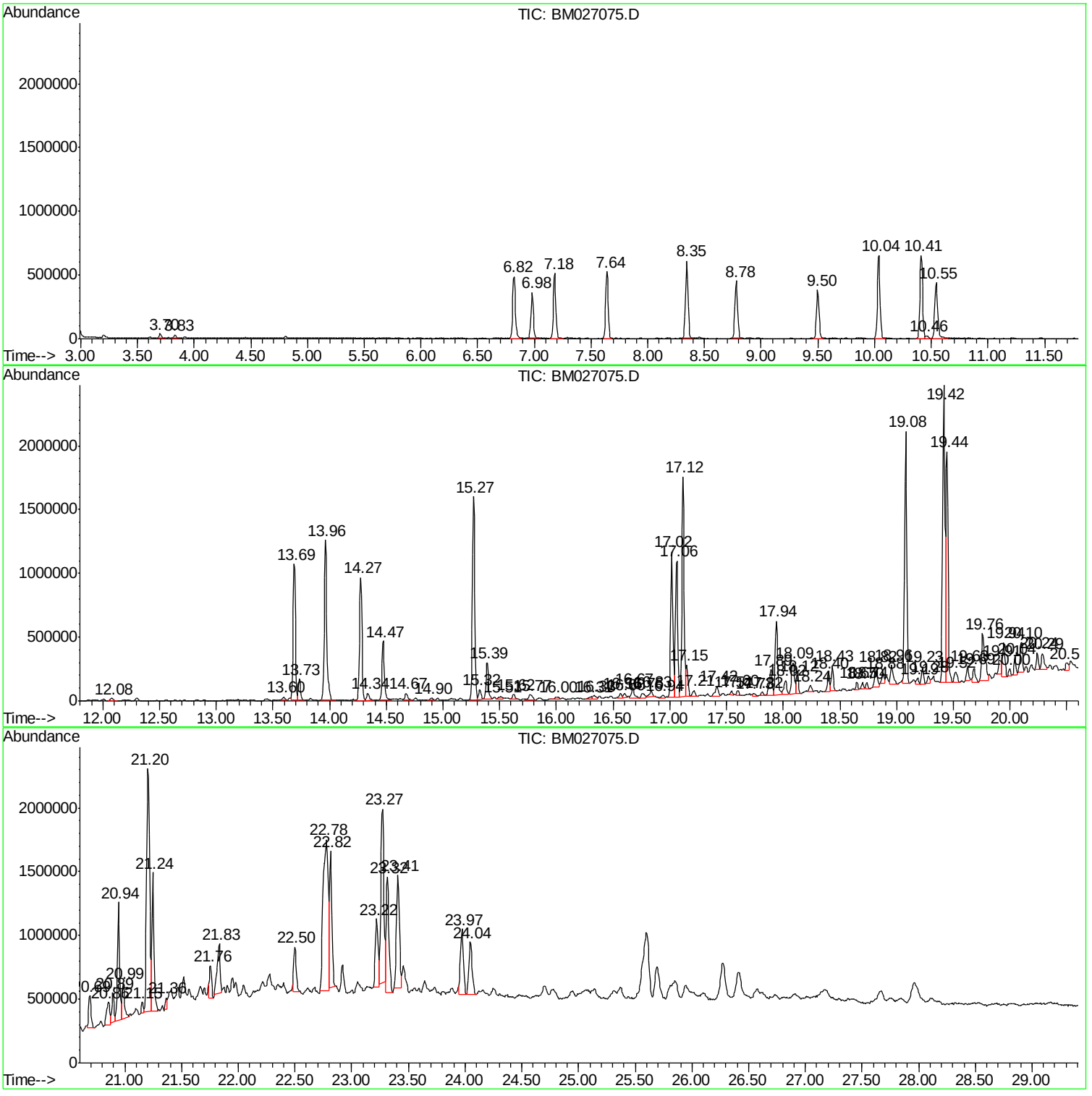
Sum of corrected areas: 62025972

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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

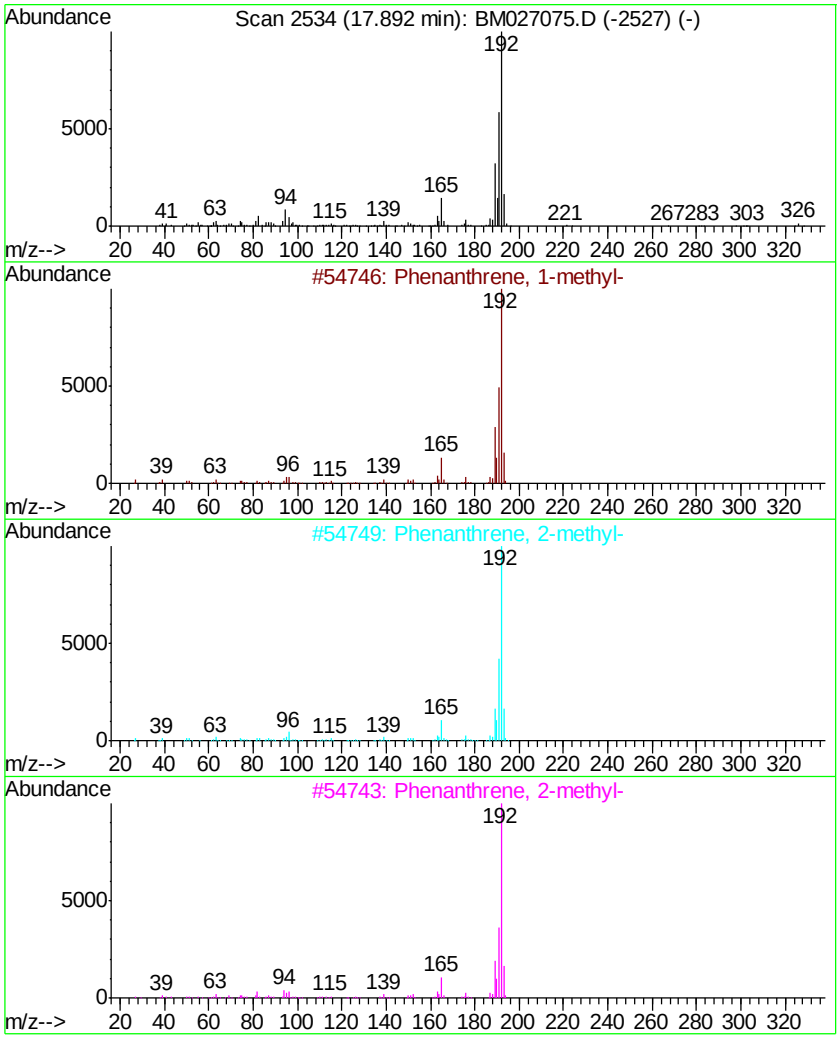
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

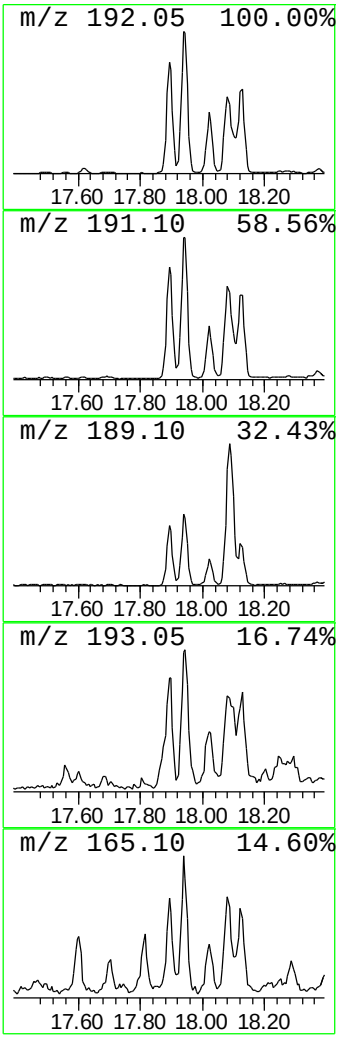
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.42 ng/ul	362952	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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

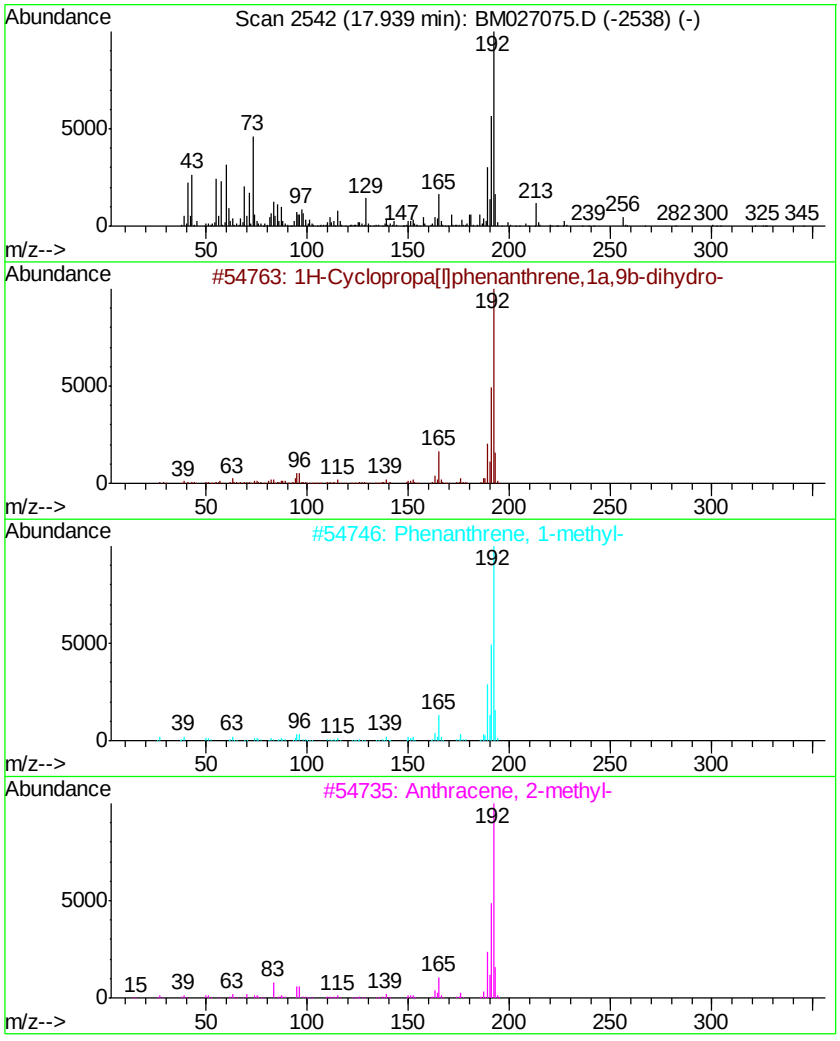
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

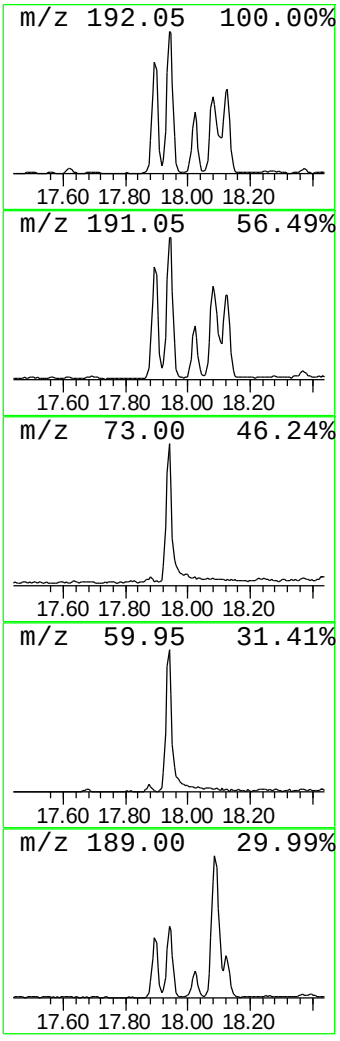
****

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	10.10 ng/ul	829475	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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

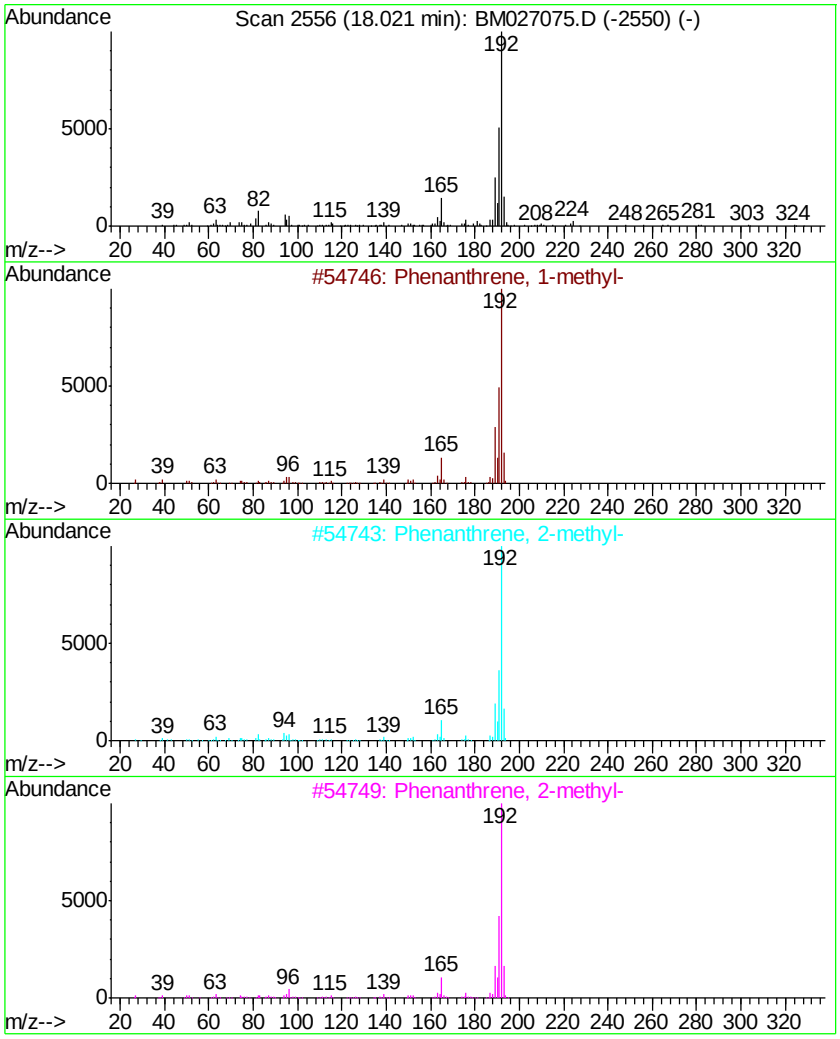
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

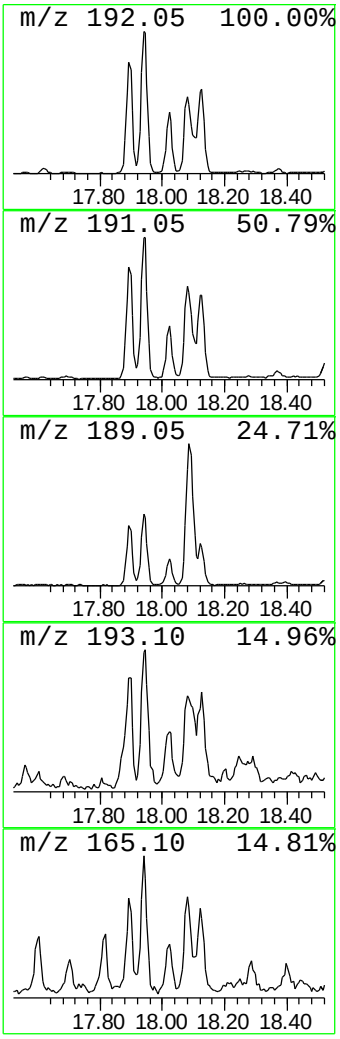
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.26 ng/ul	185890	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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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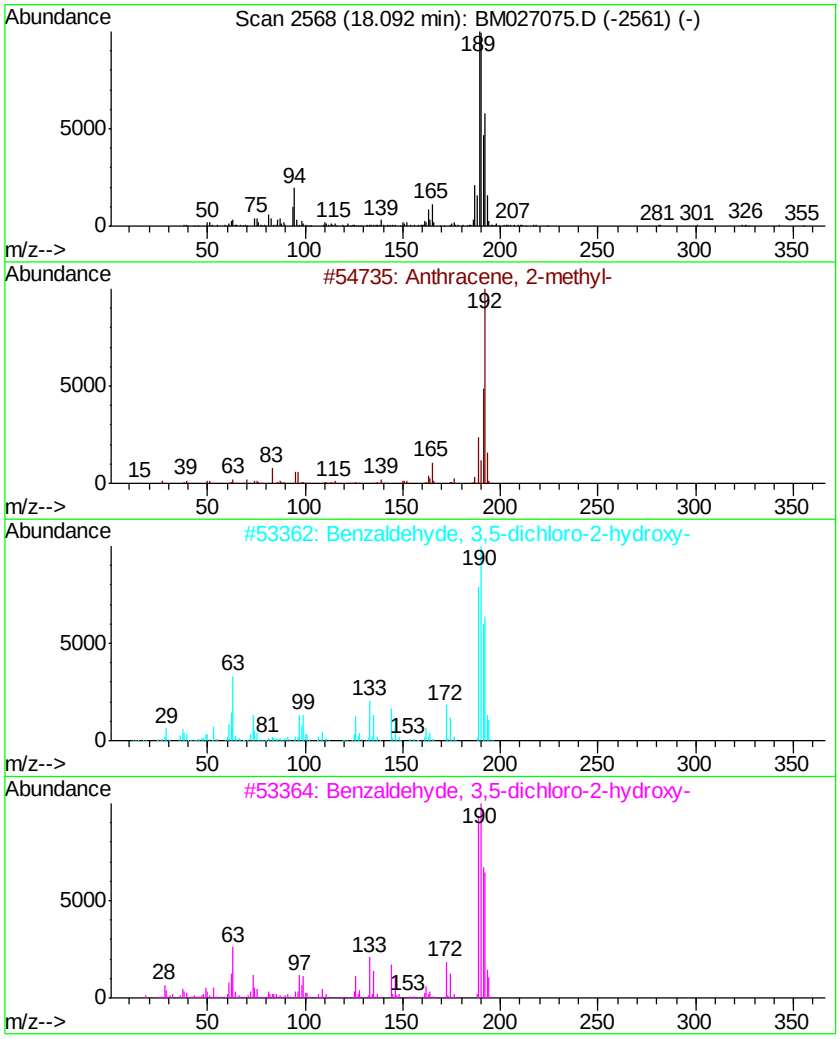
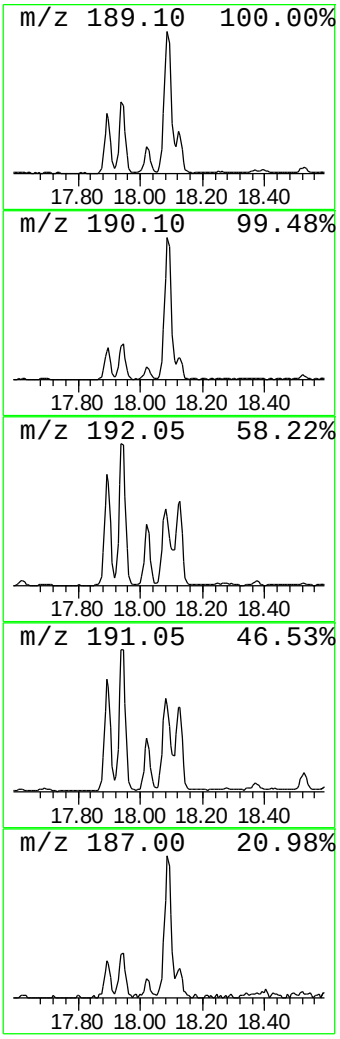
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.56 ng/ul	456379	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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

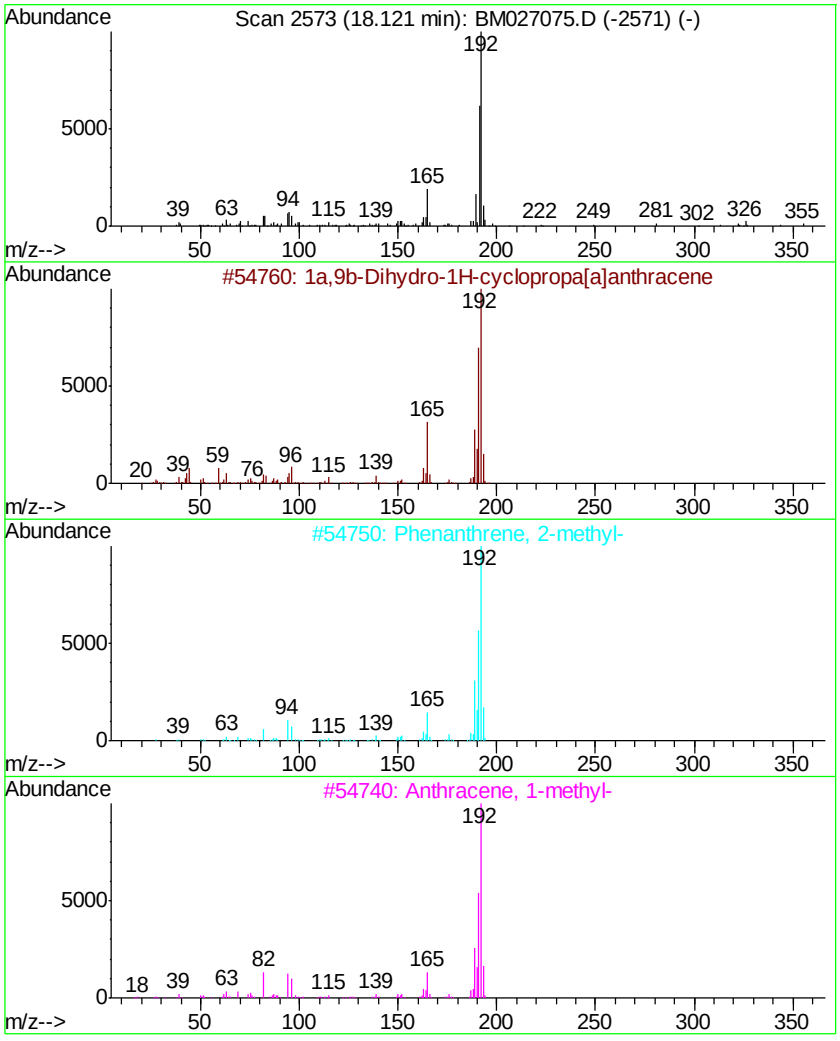
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

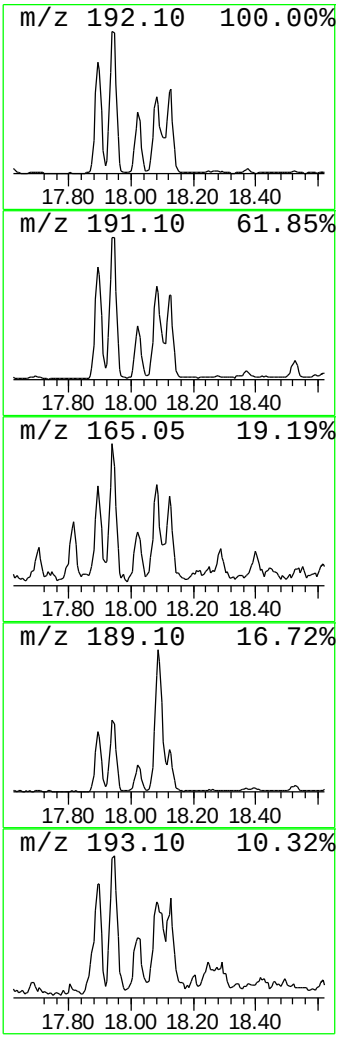
****

Peak Number 5 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.26 ng/ul	185869	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68





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Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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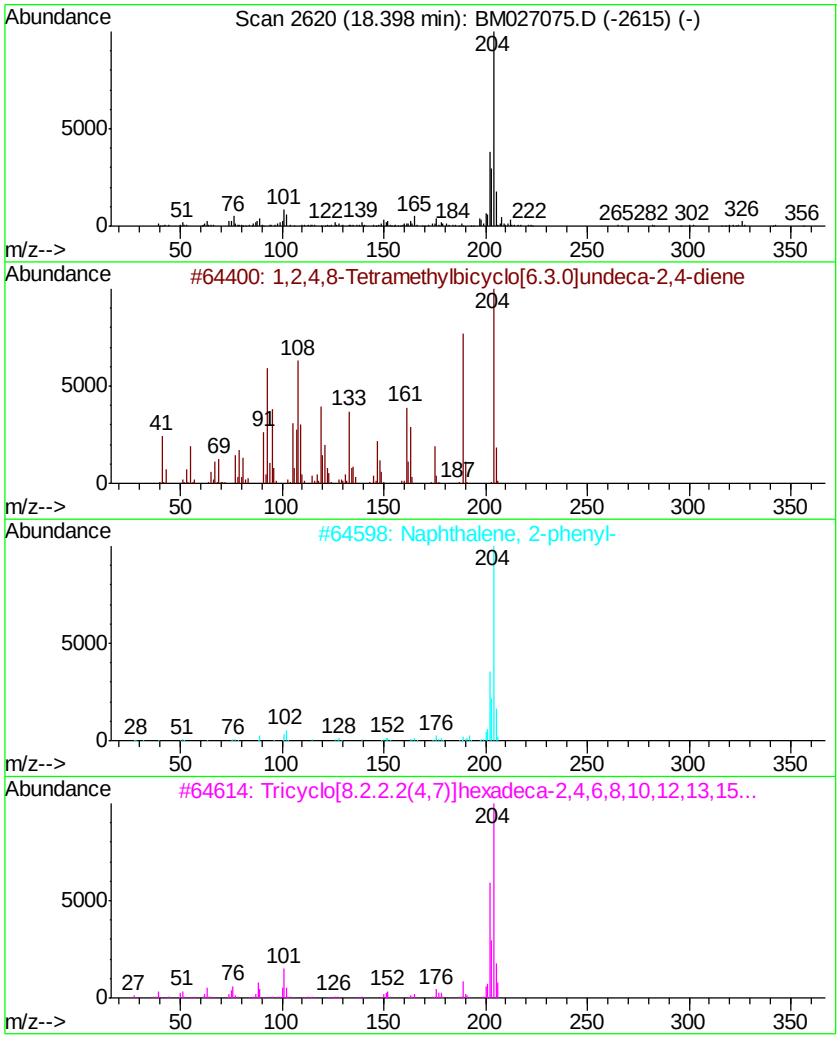
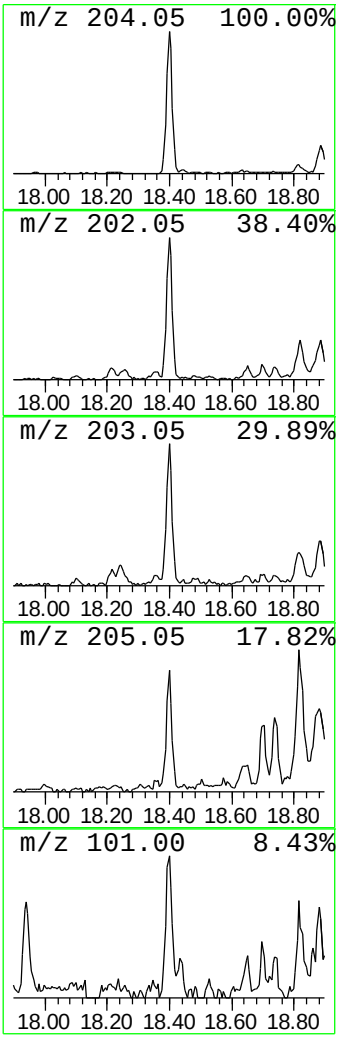
Peak Number 6 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.49 ng/ul	204847	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Misc :
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Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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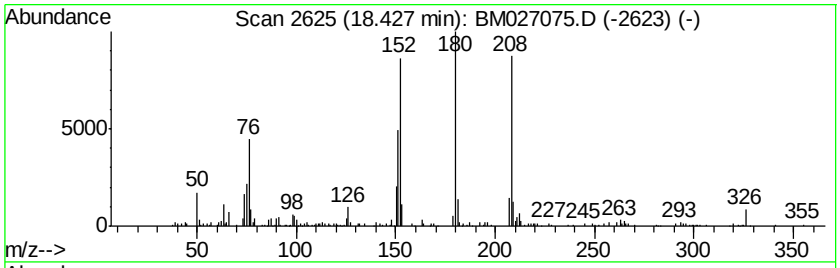
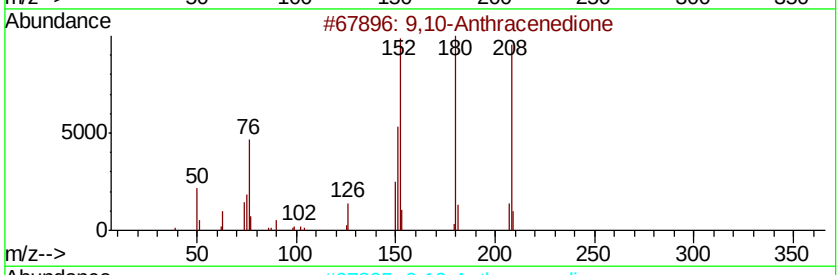
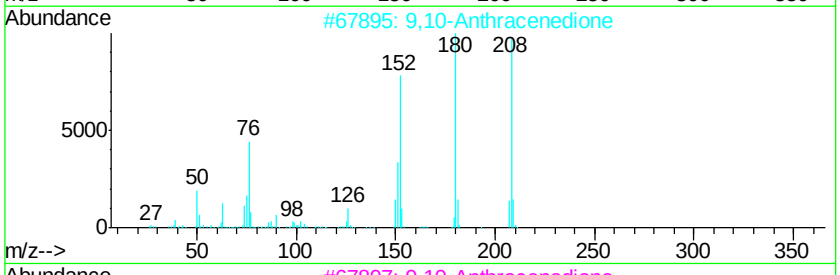
Peak Number 7 9,10-Anthracenedione Concentration Rank 12

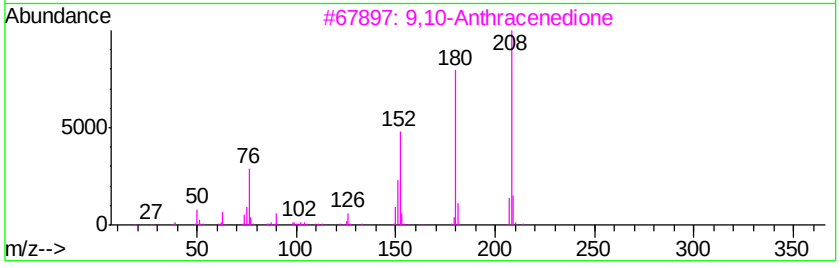
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.08 ng/ul	252682	Phenanthrene-d10	17.02

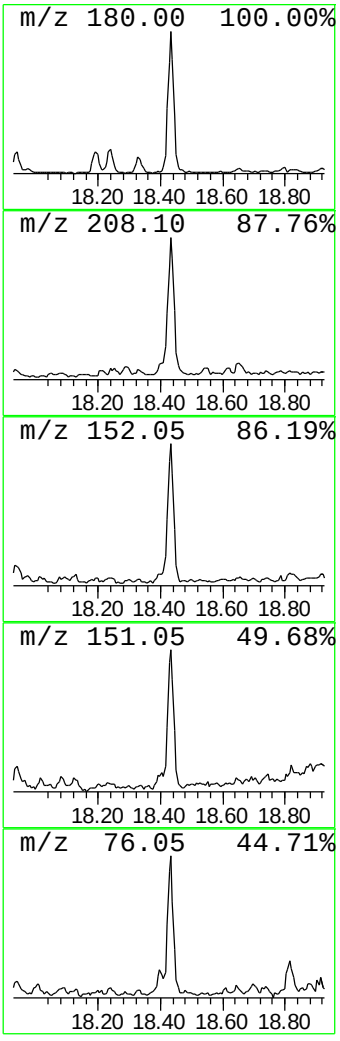
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86











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Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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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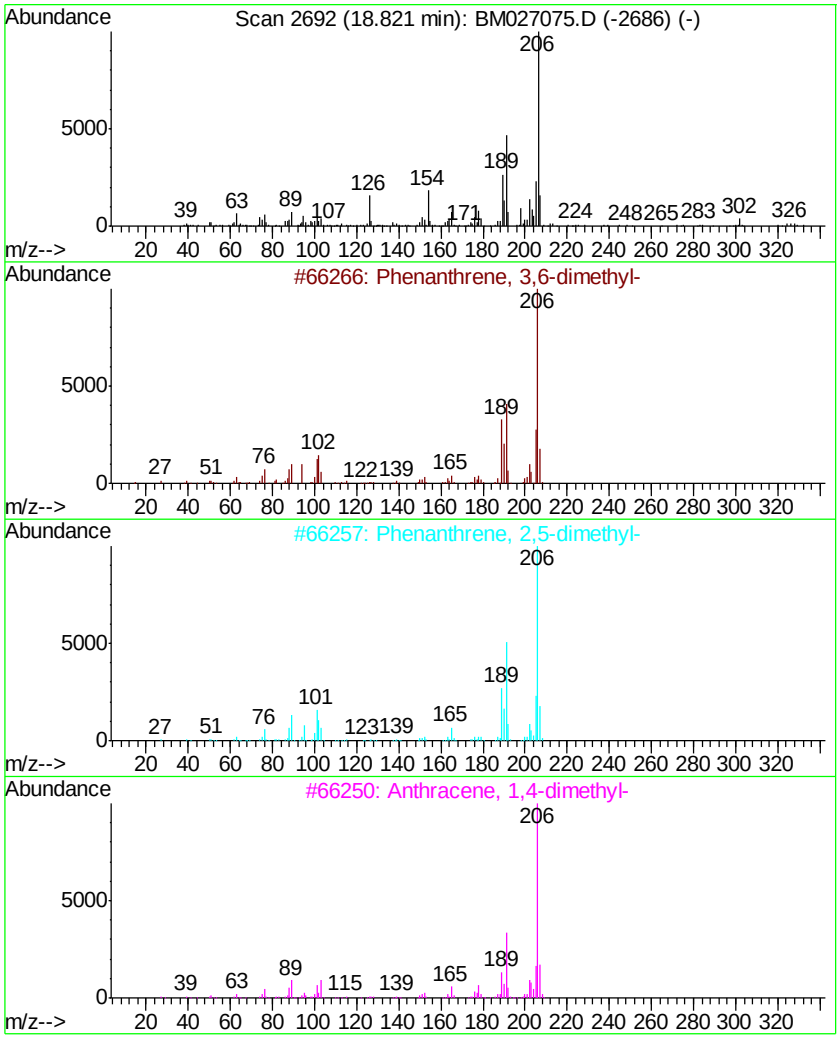
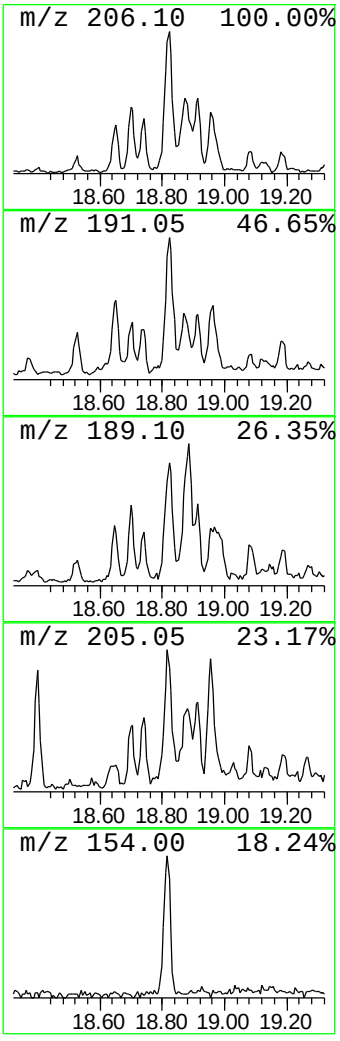
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.42 ng/ul	280872	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83





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Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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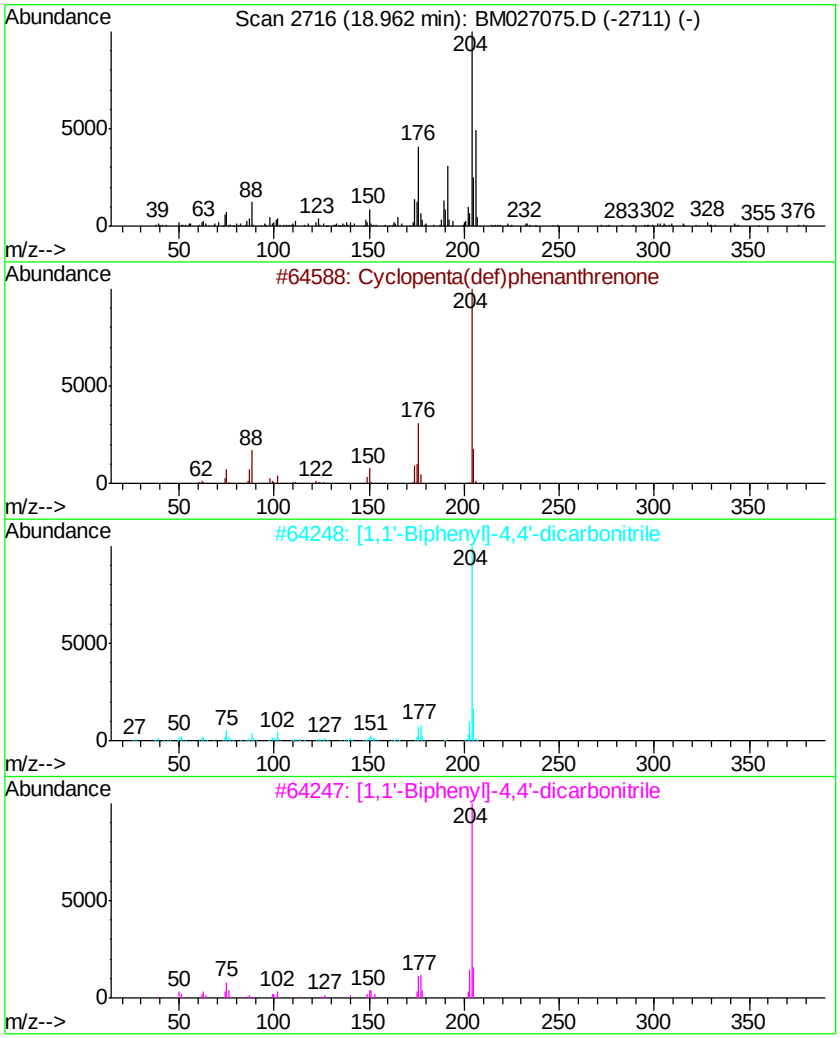
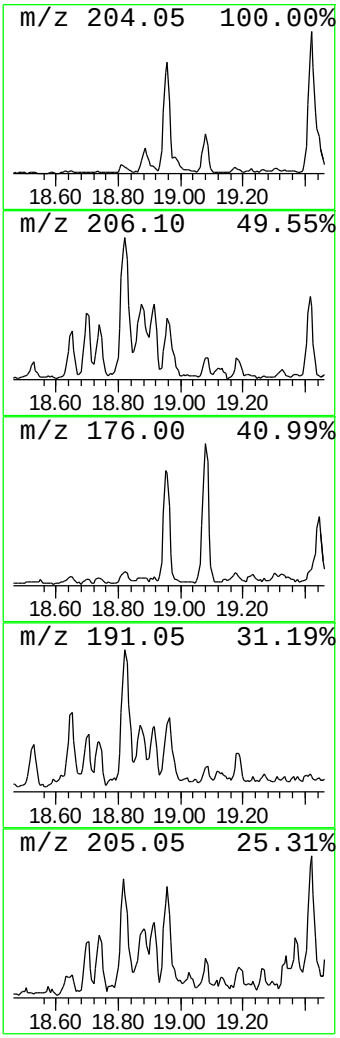
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.98 ng/ul	244460	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	l-Mannopyranose, 6-deoxy-1,2,3,4...	452	C18H44O5Si4	108392-01-4	47





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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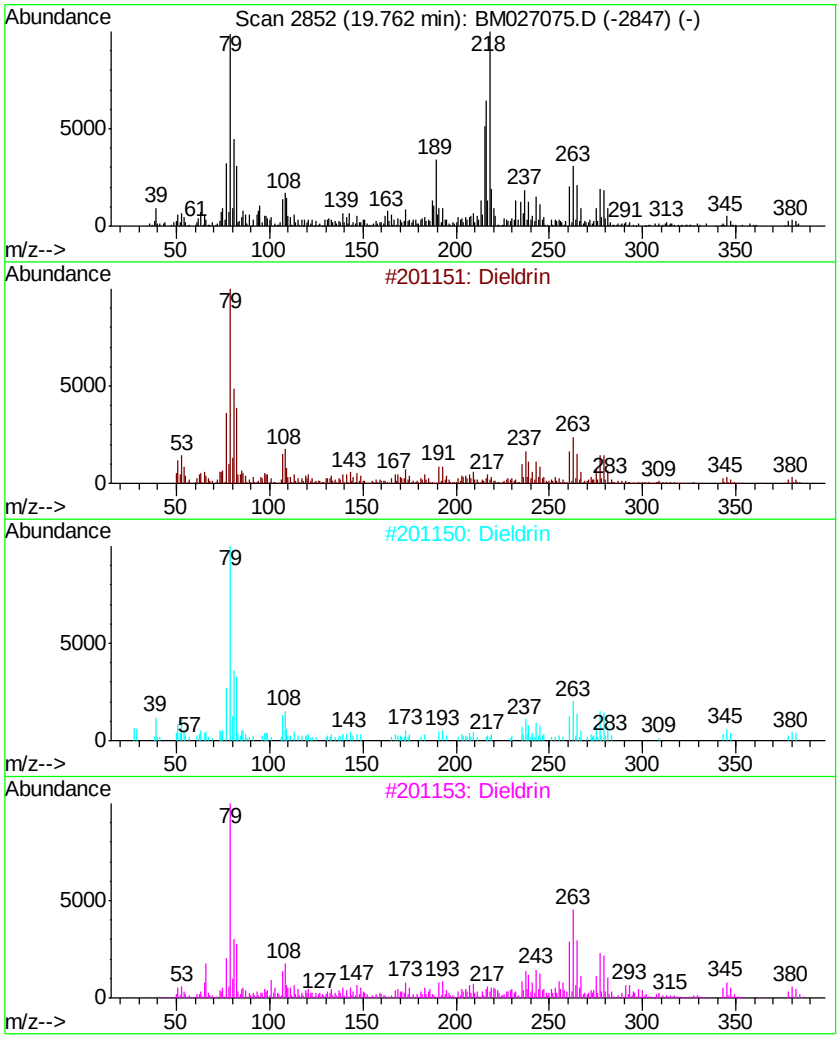
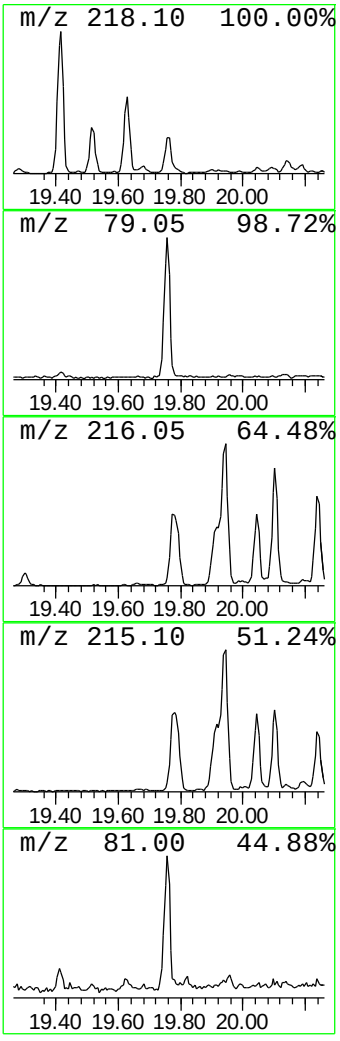
Peak Number 10 Dieldrin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.16 ng/ul	767235	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	95
2	Dieldrin	378	C12H8Cl6O	000060-57-1	95
3	Dieldrin	378	C12H8Cl6O	000060-57-1	91
4	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	91
5	Dieldrin	378	C12H8Cl6O	000060-57-1	60





Library Search Compound Report

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Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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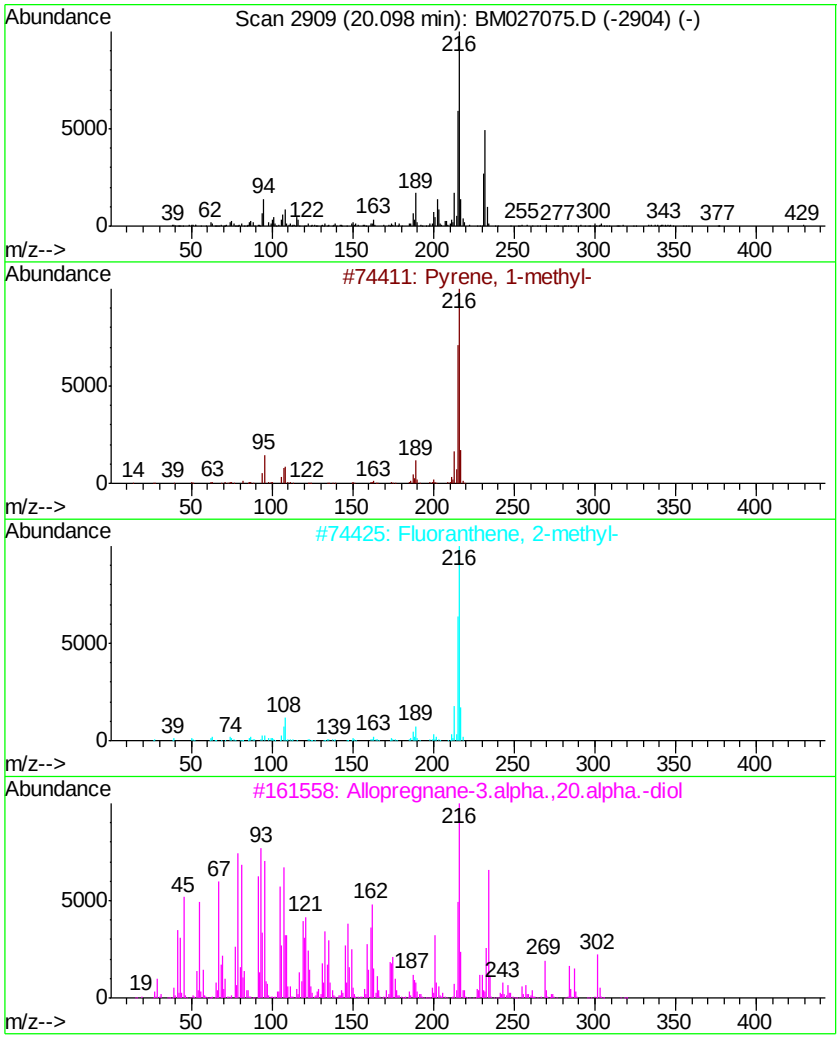
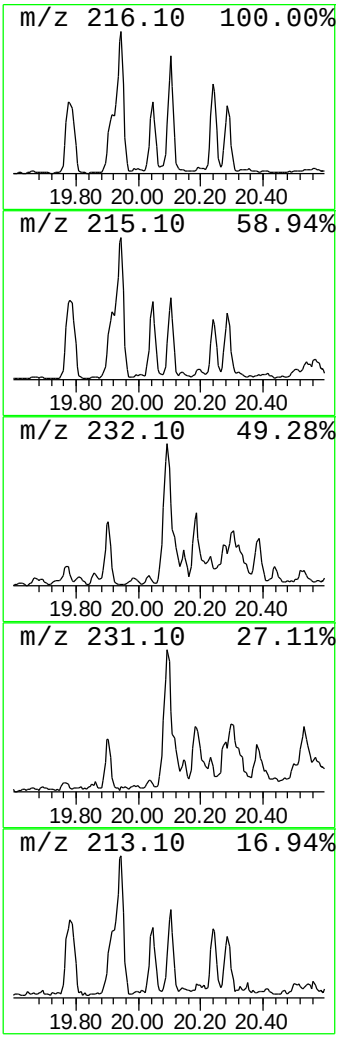
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.02 ng/ul	371673	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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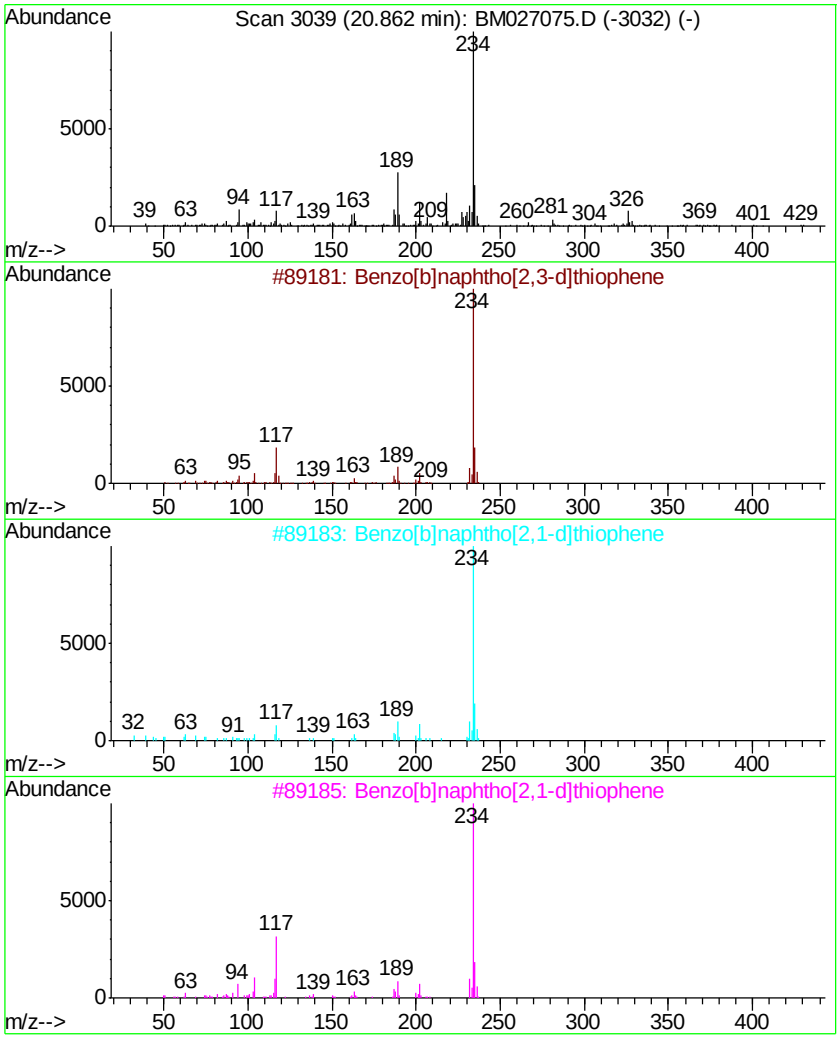
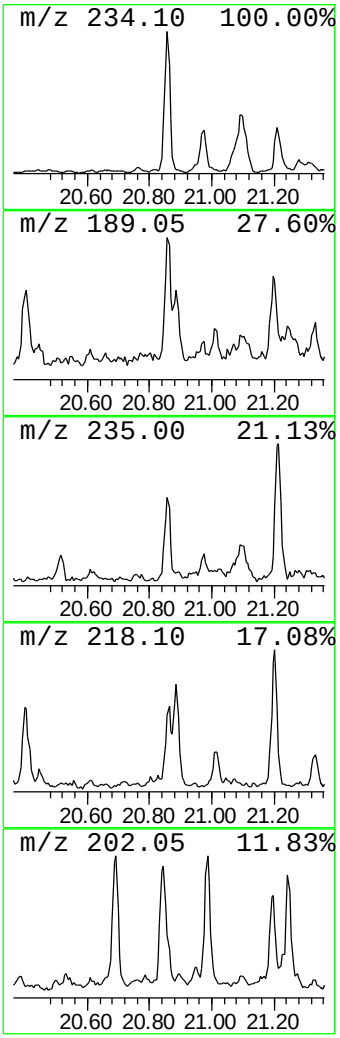
Peak Number 12 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.02 ng/ul	373239	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76





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Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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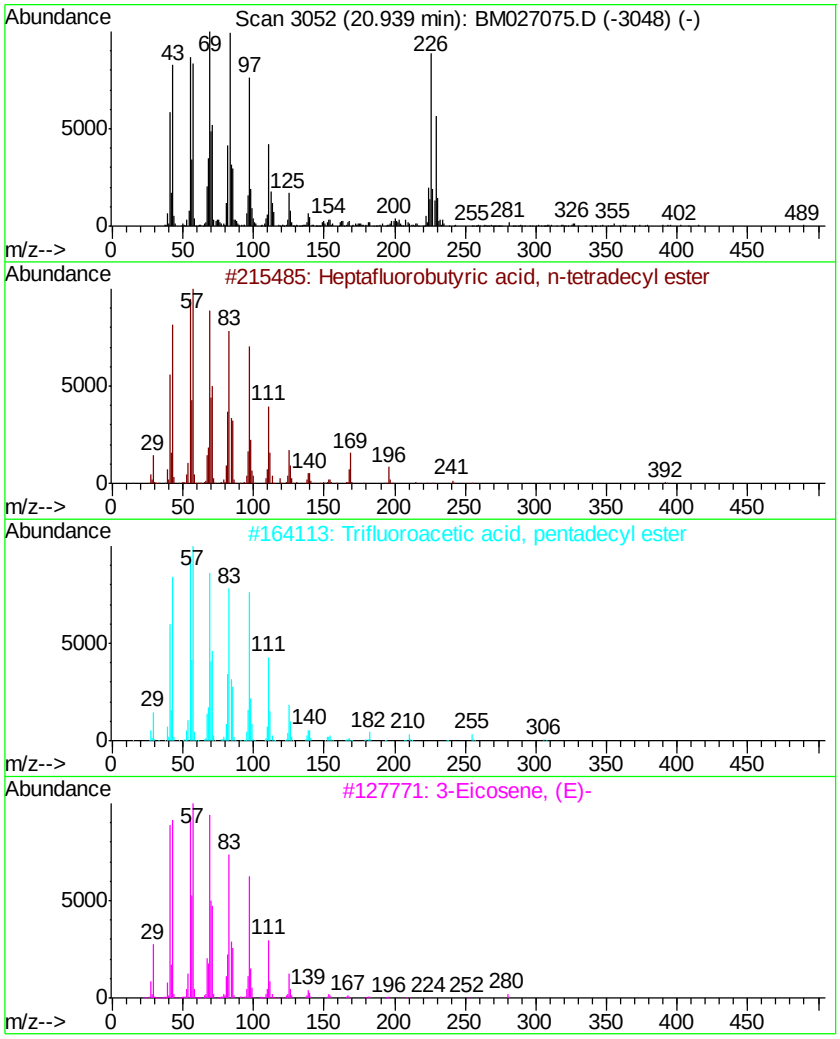
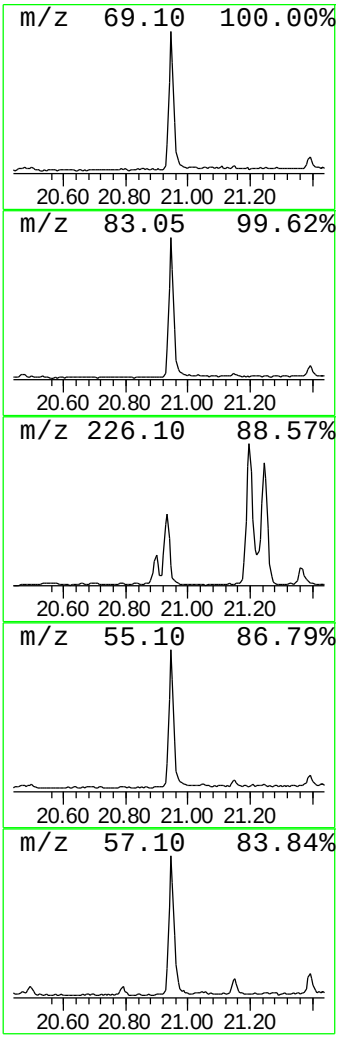
Peak Number 13 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.80 ng/ul	1254020	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87





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Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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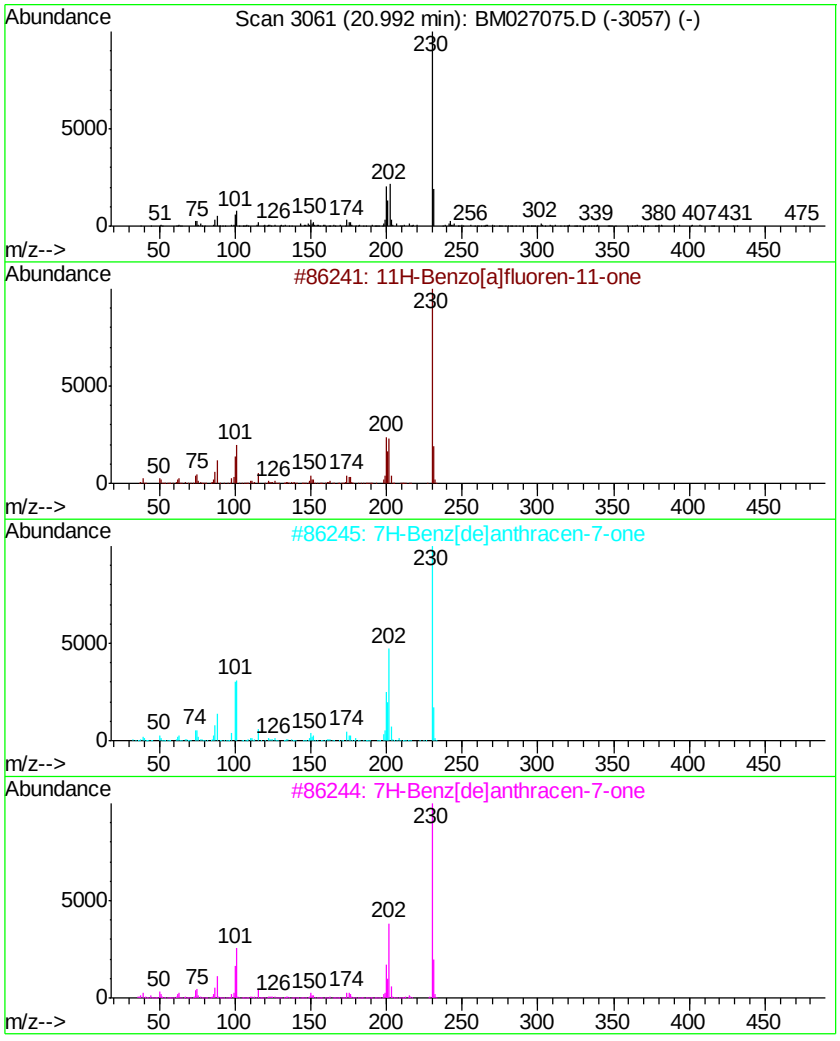
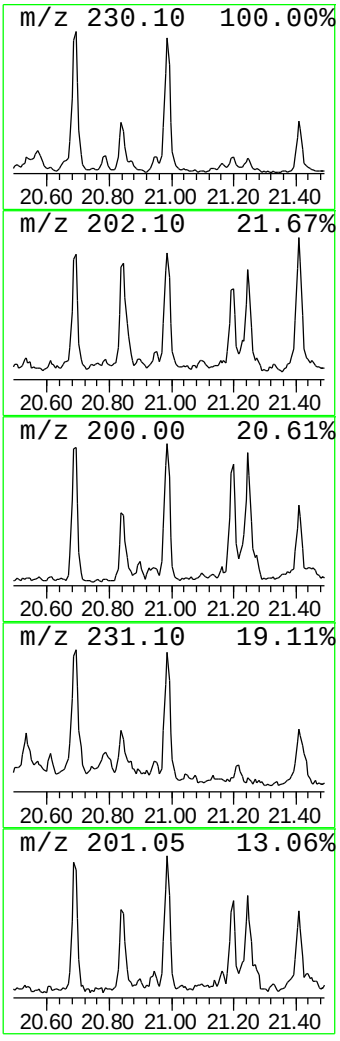
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.23 ng/ul	411859	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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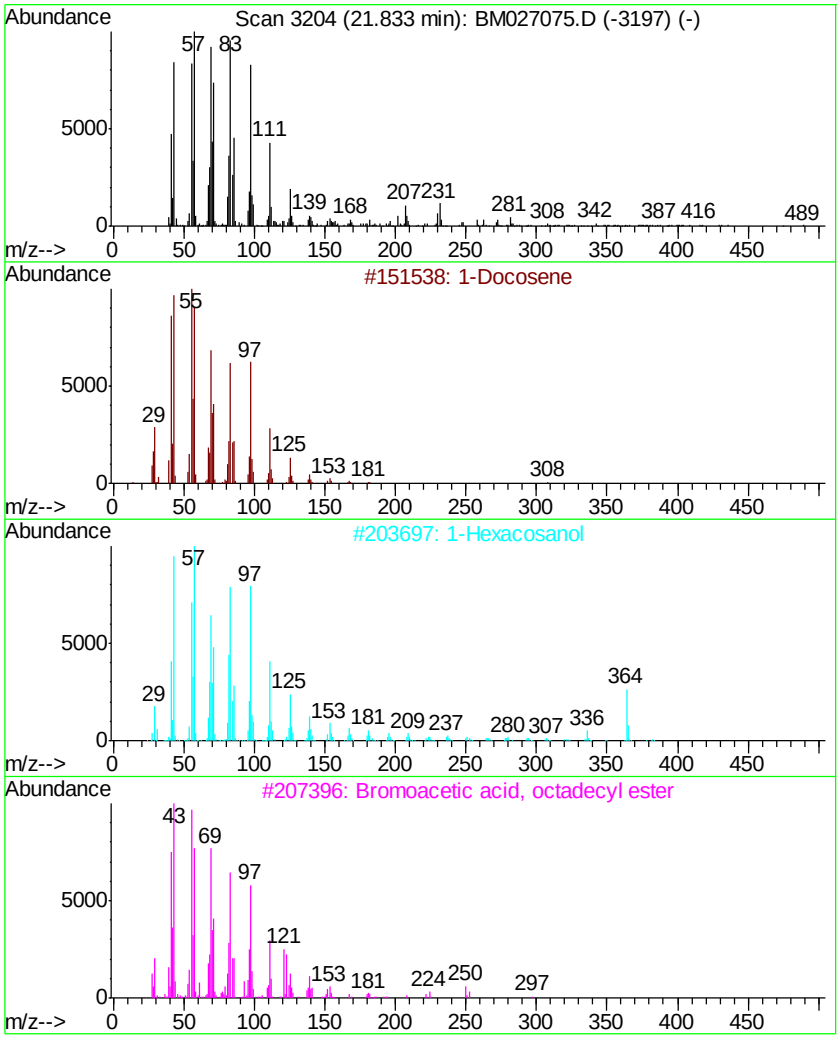
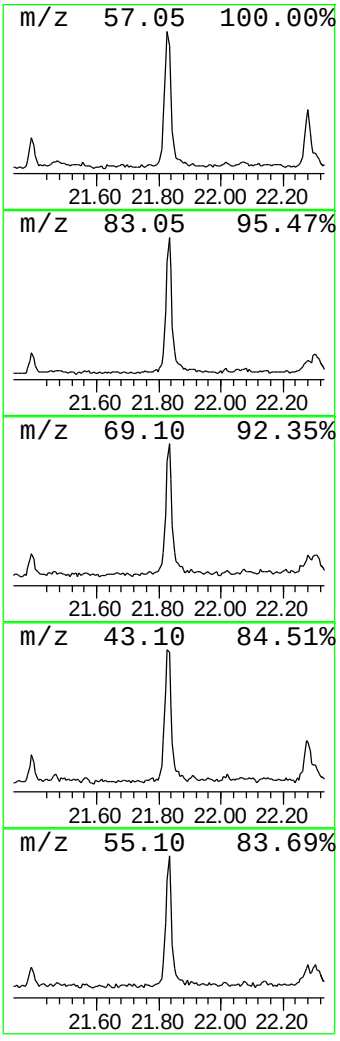
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.91 ng/ul	720185	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	81





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Sample : L3630-04
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Instrument : BNA_M
ClientSampleId : BFM71

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Quant Title : SVOA CALIBRATION

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

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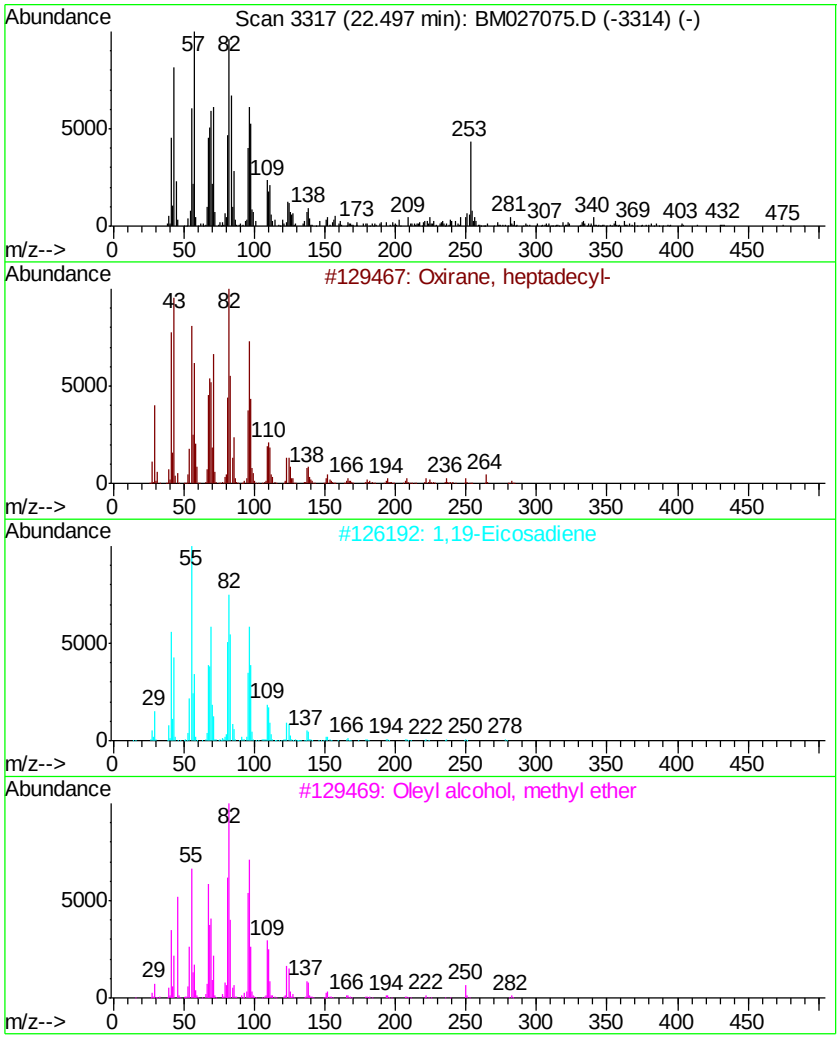
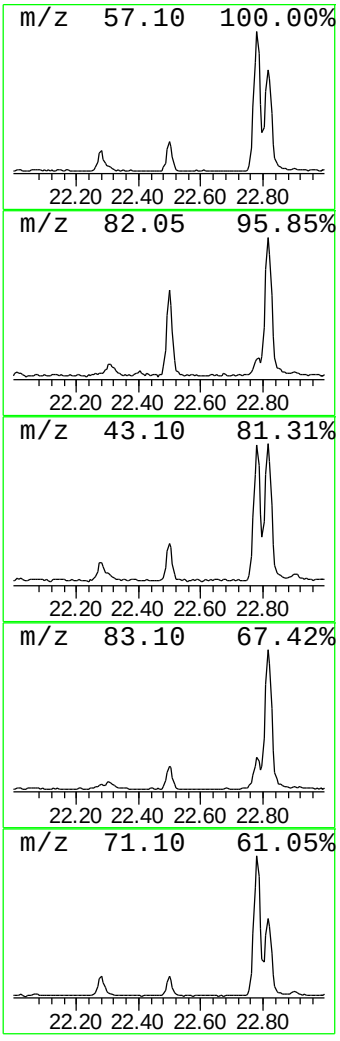
Peak Number 16 Oxirane, heptadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	6.22 ng/ul	525358	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	87
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Octadecanal	268	C18H36O	000638-66-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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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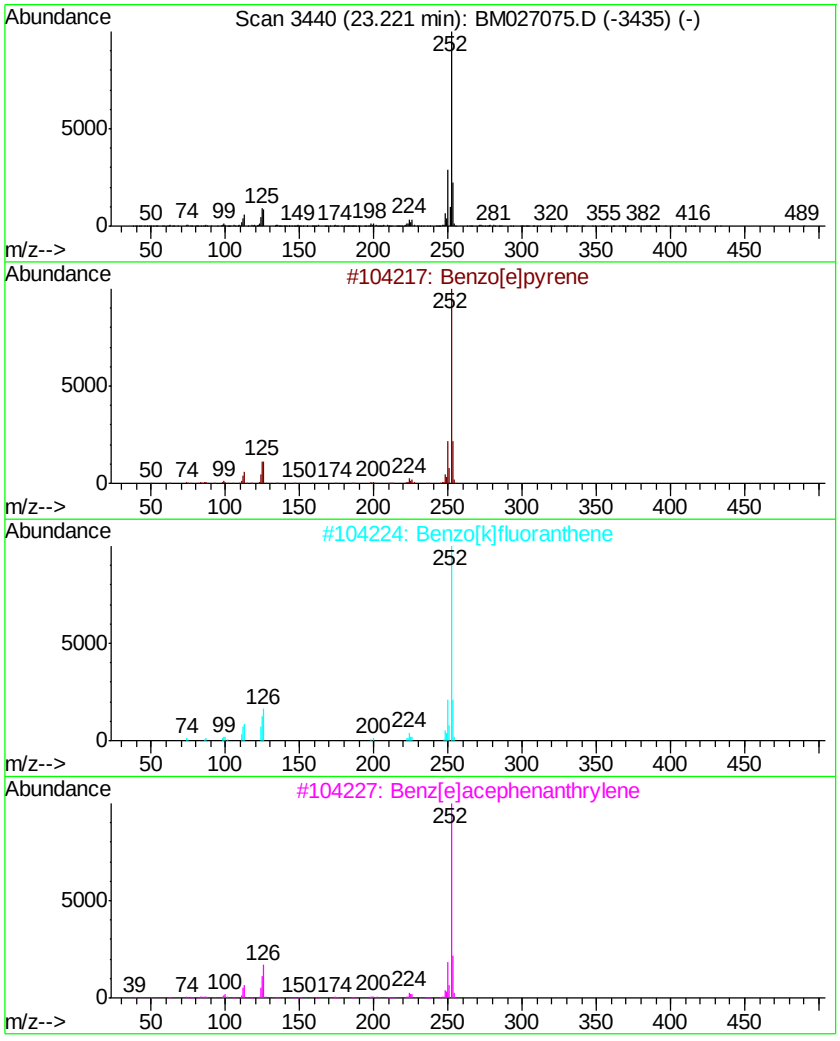
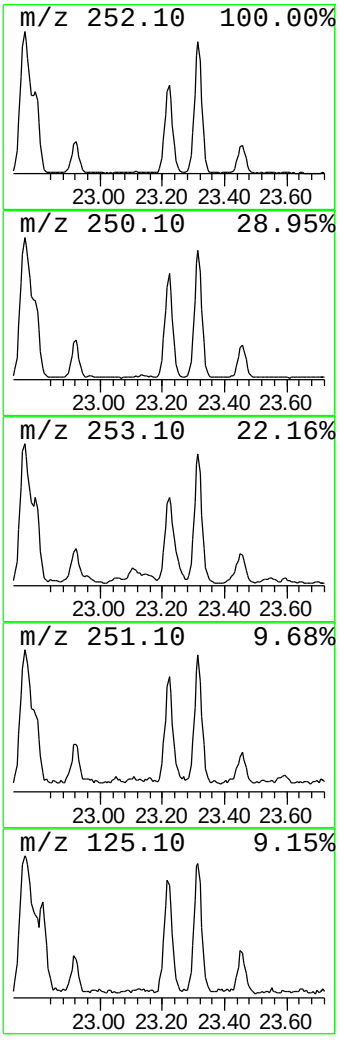
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	10.84 ng/ul	914774	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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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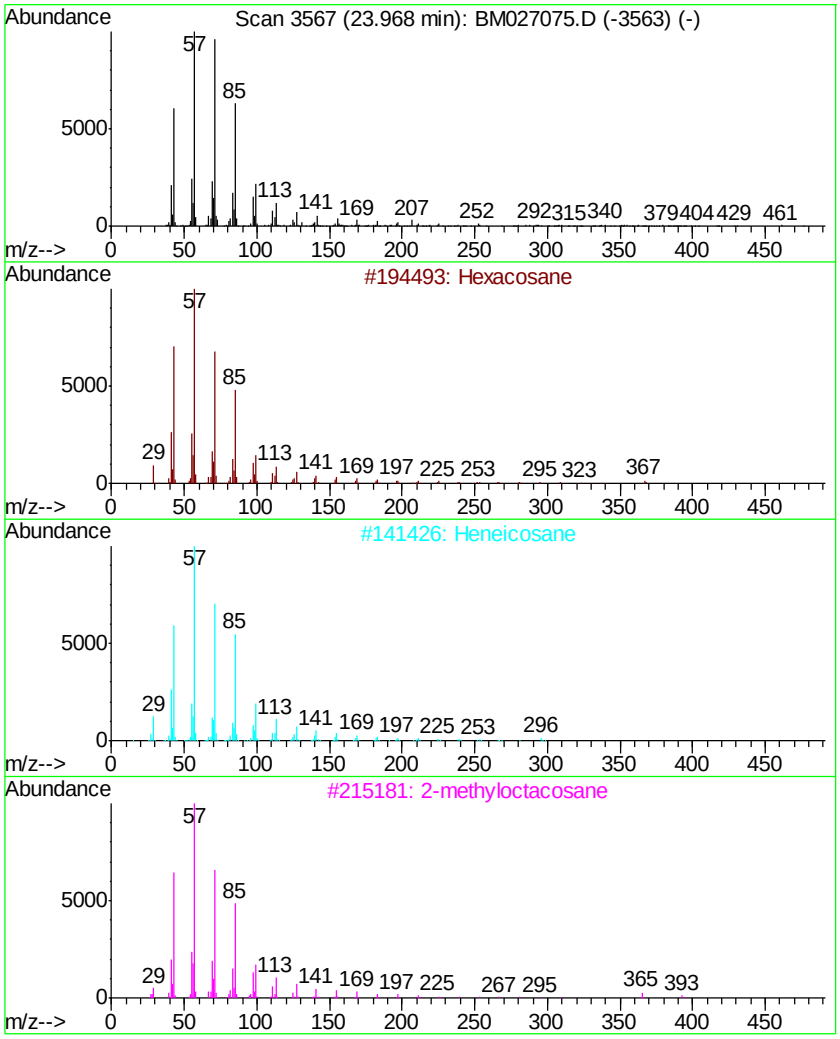
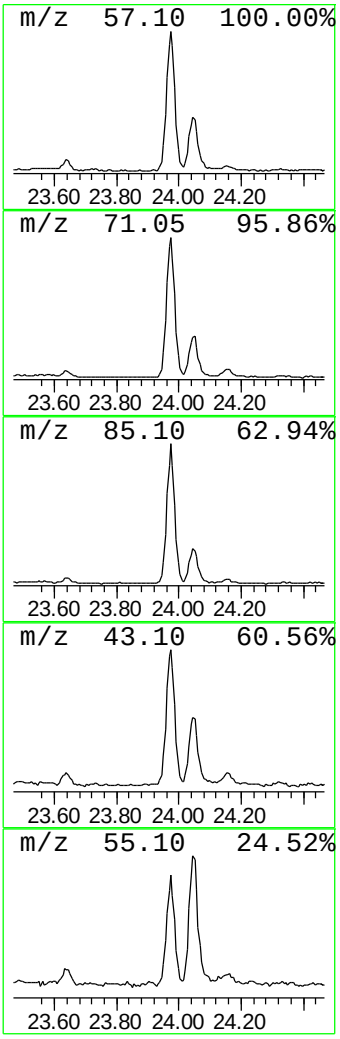
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	10.86 ng/ul	916442	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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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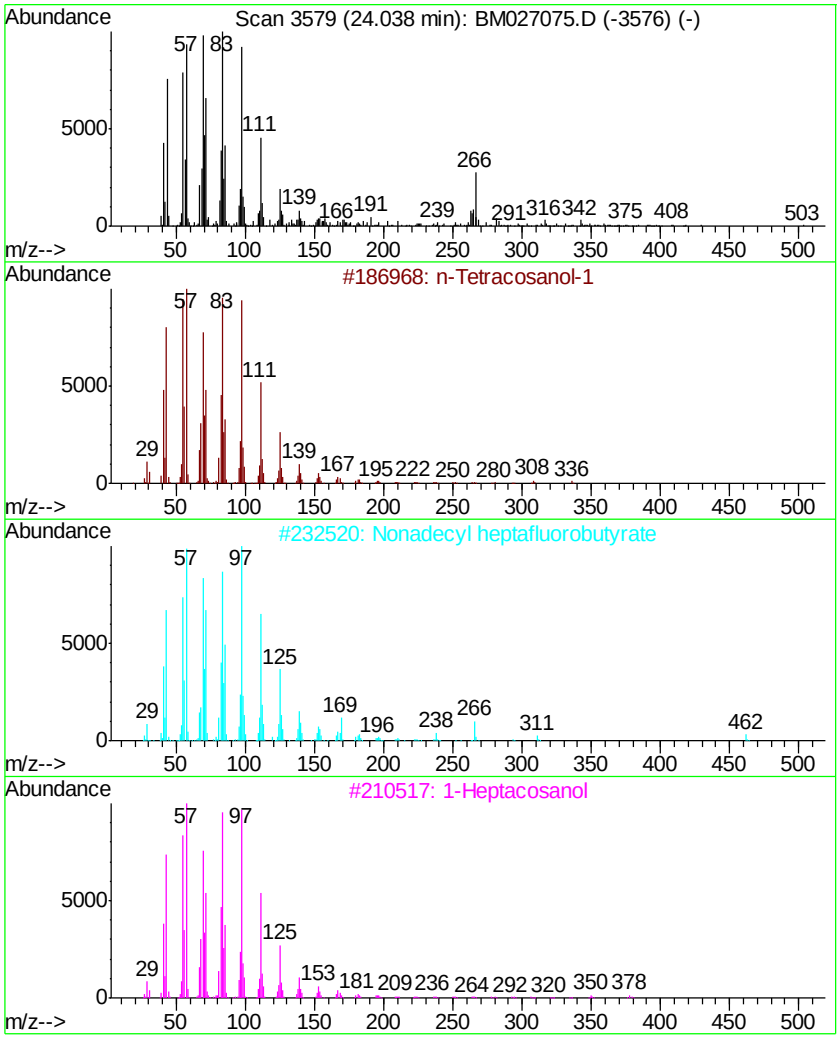
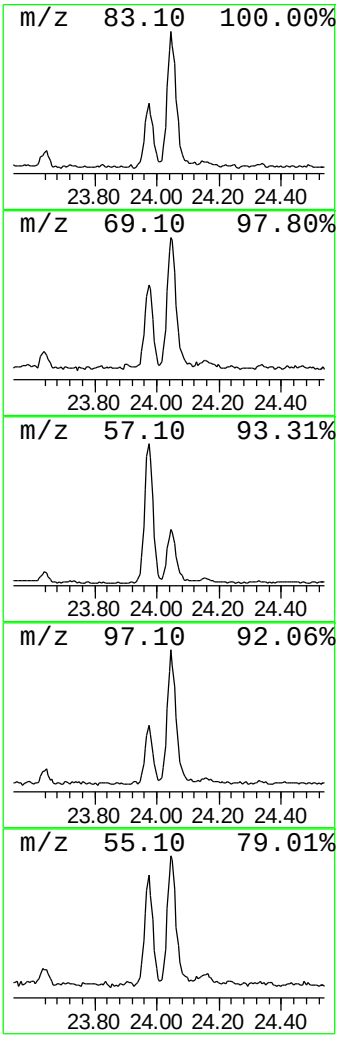
Peak Number 19 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	9.72 ng/ul	820493	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
3	1-Heptacosanol	396	C27H56O	002004-39-9	89
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM71

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	17.89	4.4	ng/ul	362952	4	17.02	1642950	20.0
1H-Cyclopropa[l]p...	17.94	10.1	ng/ul	829475	4	17.02	1642950	20.0
Phenanthrene, 2-m...	18.02	2.3	ng/ul	185890	4	17.02	1642950	20.0
Anthracene, 2-met...	18.09	5.6	ng/ul	456379	4	17.02	1642950	20.0
1a,9b-Dihydro-1H-...	18.12	2.3	ng/ul	185869	4	17.02	1642950	20.0
1,2,4,8-Tetrameth...	18.40	2.5	ng/ul	204847	4	17.02	1642950	20.0
9,10-Anthracenedione	18.43	3.1	ng/ul	252682	4	17.02	1642950	20.0
Phenanthrene, 3,6...	18.82	3.4	ng/ul	280872	4	17.02	1642950	20.0
Cyclopenta(def)ph...	18.96	3.0	ng/ul	244460	4	17.02	1642950	20.0
Dieldrin	19.76	4.2	ng/ul	767235	5	21.21	3686440	20.0
Pyrene, 1-methyl-	20.10	2.0	ng/ul	371673	5	21.21	3686440	20.0
Benzo[b]naphtho[2...	20.86	2.0	ng/ul	373239	5	21.21	3686440	20.0
Heptafluorobutyri...	20.94	6.8	ng/ul	1254020	5	21.21	3686440	20.0
11H-Benzo[a]fluor...	20.99	2.2	ng/ul	411859	5	21.21	3686440	20.0
(DEL) Alkane: Str...	21.83	3.9	ng/ul	720185	5	21.21	3686440	20.0
Oxirane, heptadecyl-	22.50	6.2	ng/ul	525358	6	23.41	1688180	20.0
Benzo[e]pyrene	23.22	10.8	ng/ul	914774	6	23.41	1688180	20.0
(DEL) Alkane: Str...	23.97	10.9	ng/ul	916442	6	23.41	1688180	20.0
n-Tetracosanol-1	24.04	9.7	ng/ul	820493	6	23.41	1688180	20.0