LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

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-BM061419MA.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	3.010	3	4	11	rVB	2933855	3033605	5.50%	0.625%
2	6.928	663	670	684	rVB	981209	1689861	3.06%	0.348%
3	7.098	693	699	705	rBV	743943	1127129	2.04%	0.232%
4	7.287	725	731	741	rVB	1000924	1616709	2.93%	0.333%
5	7.757	804	811	818	rBV	1168466	1870245	3.39%	0.386%
6	8.463	924	931	940	rBV	1217867	1968218	3.57%	0.406%
7	8.916	1001	1008	1018	rBV	973921	1651690	2.99%	0.341%
8	9.634	1119	1130	1137	rBV	883819	1434691	2.60%	0.296%
9	10.169	1214	1221	1231	rBV	1384304	2346324	4.25%	0.484%
10	10.545	1277	1285	1291	rBV	1642690	2841461	5.15%	0.586%
11	10.692	1303	1310	1330	rBV	343354	741899	1.34%	0.153%
12	13.810	1829	1840	1845	rBV	2497878	3624505	6.57%	0.747%
13	13.857	1845	1848	1854	rVB	683018	885653	1.61%	0.183%
14	14.092	1873	1888	1901	rBV	2978178	4491756	8.14%	0.926%
15	14.398	1926	1940	1946	rBV2	2633604	4087380	7.41%	0.843%
16	14.463	1946	1951	1959	rVB	388480	606557	1.10%	0.125%
17	14.616	1970	1977	1988	rBV	775380	1351600	2.45%	0.279%
18	14.798	1997	2008	2018	rBV	265385	627913	1.14%	0.129%
19	15.392	2103	2109	2115	rVV	3814761	5436095	9.85%	1.121%
20	15.451	2115	2119	2126	rVV	484066	726832	1.32%	0.150%
21	15.527	2126	2132	2137	rVV	586220	849962	1.54%	0.175%
22	16.551	2301	2306	2310	rBV	446373	588934	1.07%	0.121%
23	16.804	2345	2349	2356	rVB	453050	694763	1.26%	0.143%
24	16.898	2356	2365	2369	rBV3	212819	547799	0.99%	0.113%
25	16.968	2372	2377	2385	rVB	506799	811831	1.47%	0.167%
26	17.045	2385	2390	2397	rBV2	879016	1317964	2.39%	0.272%
27	17.110	2397	2401	2403	rBV	531103	601264	1.09%	0.124%
28	17.151	2403	2408	2411	rVV	2959571	4326845	7.84%	0.892%
29	17.198	2411	2416	2420	rVV	10646353	15362834	27.85%	3.167%
30	17.251	2420	2425	2428	rVV	3680785	5310626	9.63%	1.095%
31	17.280	2428	2430	2434	rVB	1245782	1456634	2.64%	0.300%
32	17.557	2468	2477	2487	rBV	937224	2003717	3.63%	0.413%
33	17.862	2522	2529	2534	rBV5	272121	565802	1.03%	0.117%
34	17.945	2535	2543	2548	rBV	3475797	6785381	12.30%	1.399%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

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-BM061419MA.M
Title : SVOA CALIBRATION

35	18.015	2548	2555	2559	rVV2	9867344	17548882	31.81%	3.618%
36	18.074	2559	2565	2575	rVV	12730971	21817212	39.55%	4.498%
37	18.151	2575	2578	2584	rVV	396767	662721	1.20%	0.137%
38	18.221	2584	2590	2593	rVV3	1862257	3024131	5.48%	0.623%
39	18.257	2593	2596	2603	rVB	907517	1260154	2.28%	0.260%
40	18.345	2605	2611	2621	rBV5	604087	1494209	2.71%	0.308%
41	18.527	2637	2642	2646	rBV	1235012	1698550	3.08%	0.350%
42	18.574	2646	2650	2658	rVB	1928670	2812517	5.10%	0.580%
43	18.945	2708	2713	2718	rBV	420341	723361	1.31%	0.149%
44	19.062	2726	2733	2736	rBV	1255535	1769044	3.21%	0.365%
45	19.092	2736	2738	2746	rVB	834133	1337939	2.43%	0.276%
46	19.221	2749	2760	2772	rVV	29086161	55170359	100.00%	11.374%
47	19.333	2773	2779	2787	rVV3	1803567	3952741	7.16%	0.815%
48	19.415	2789	2793	2796	rVV2	498335	886549	1.61%	0.183%
49	19.456	2796	2800	2807	rVV2	722679	1338528	2.43%	0.276%
50	19.551	2807	2816	2818	rVV3	7313593	12715820	23.05%	2.622%
51	19.586	2818	2822	2826	rVV	17958829	25468815	46.16%	5.251%
52	19.645	2829	2832	2838	rVB2	923675	1235737	2.24%	0.255%
53	19.751	2846	2850	2857	rVB	1115536	1528424	2.77%	0.315%
54	19.892	2869	2874	2876	rBV2	1094115	1796707	3.26%	0.370%
55	20.033	2893	2898	2899	rBV2	862605	1171115	2.12%	0.241%
56	20.068	2900	2904	2909	rVB	2583619	3983748	7.22%	0.821%
57	20.168	2914	2921	2925	rBV	1737703	2537733	4.60%	0.523%
58	20.227	2925	2931	2935	rVV2	1488660	2721356	4.93%	0.561%
59	20.262	2935	2937	2942	rVV	893866	1164956	2.11%	0.240%
60	20.368	2951	2955	2958	rBV	689341	811783	1.47%	0.167%
61	20.415	2958	2963	2966	rVV3	792831	1091752	1.98%	0.225%
62	20.821	3028	3032	3038	rVB	2146121	2781368	5.04%	0.573%
63	20.980	3054	3059	3063	rBV2	2015420	3266614	5.92%	0.673%
64	21.021	3063	3066	3069	rBV	1545363	2243024	4.07%	0.462%
65	21.121	3078	3083	3092	rVB2	2308149	3531039	6.40%	0.728%
66	21.227	3094	3101	3102	rBV	617091	1086765	1.97%	0.224%
67	21.245	3102	3104	3110	rVV2	771261	879236	1.59%	0.181%
68	21.327	3111	3118	3123	rVV3	11096640	21111563	38.27%	4.352%
69	21.380	3123	3127	3136	rVB	12334980	16906125	30.64%	3.485%
70	21.492	3142	3146	3152	rBV	1655792	2129254	3.86%	0.439%
71	21.545	3153	3155	3160	rBV3	456999	609047	1.10%	0.126%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	21.656	3169	3174	3179	rBV2	1346305	2464461	4.47%	0.508%
73	21.839	3201	3205	3208	rBV2	473489	762193	1.38%	0.157%
74	21.892	3211	3214	3217	rVV	1381609	2065042	3.74%	0.426%
75	21.950	3220	3224	3230	rVB2	1467947	2917092	5.29%	0.601%
76	22.050	3238	3241	3245	rVB3	462433	542739	0.98%	0.112%
77	22.092	3245	3248	3251	rVV	965009	1394952	2.53%	0.288%
78	22.127	3251	3254	3260	rVB4	1093237	1663191	3.01%	0.343%
79	22.192	3260	3265	3270	rBV3	800468	1297892	2.35%	0.268%
80	22.386	3294	3298	3303	rBV2	1065414	1686739	3.06%	0.348%
81	22.515	3316	3320	3324	rVB2	725341	990379	1.80%	0.204%
82	22.621	3333	3338	3343	rBV	6684300	9851305	17.86%	2.031%
83	22.950	3381	3394	3405	rBV2	18670949	51915090	94.10%	10.703%
84	23.103	3416	3420	3426	rVB	1194218	1941892	3.52%	0.400%
85	23.239	3439	3443	3452	rBV	592808	1291023	2.34%	0.266%
86	23.427	3468	3475	3479	rBV	5967664	11137195	20.19%	2.296%
87	23.474	3479	3483	3486	rVV	2632237	4606524	8.35%	0.950%
88	23.527	3486	3492	3499	rVB	8329972	15238065	27.62%	3.142%
89	23.615	3502	3507	3512	rVV	2016897	4083797	7.40%	0.842%
90	23.668	3512	3516	3524	rVB2	2346149	4325915	7.84%	0.892%
91	23.791	3533	3537	3544	rVB2	2151794	3784066	6.86%	0.780%
92	24.127	3587	3594	3600	rBV	2789724	5412336	9.81%	1.116%
93	24.221	3605	3610	3618	rVB	1491847	2887309	5.23%	0.595%
94	24.497	3653	3657	3669	rVB2	764743	1833397	3.32%	0.378%
95	24.891	3718	3724	3735	rVB6	1083994	2886709	5.23%	0.595%
96	25.344	3796	3801	3814	rVB3	1210393	3593862	6.51%	0.741%
97	25.762	3866	3872	3878	rBV	1399564	3437131	6.23%	0.709%
98	25.927	3891	3900	3911	rVB	5453377	15726877	28.51%	3.242%
99	26.638	4010	4021	4026	rBV	3502169	11762608	21.32%	2.425%
100	28.285	4294	4301	4314	rVB5	1141549	3901838	7.07%	0.804%

Sum of corrected areas: 485054976

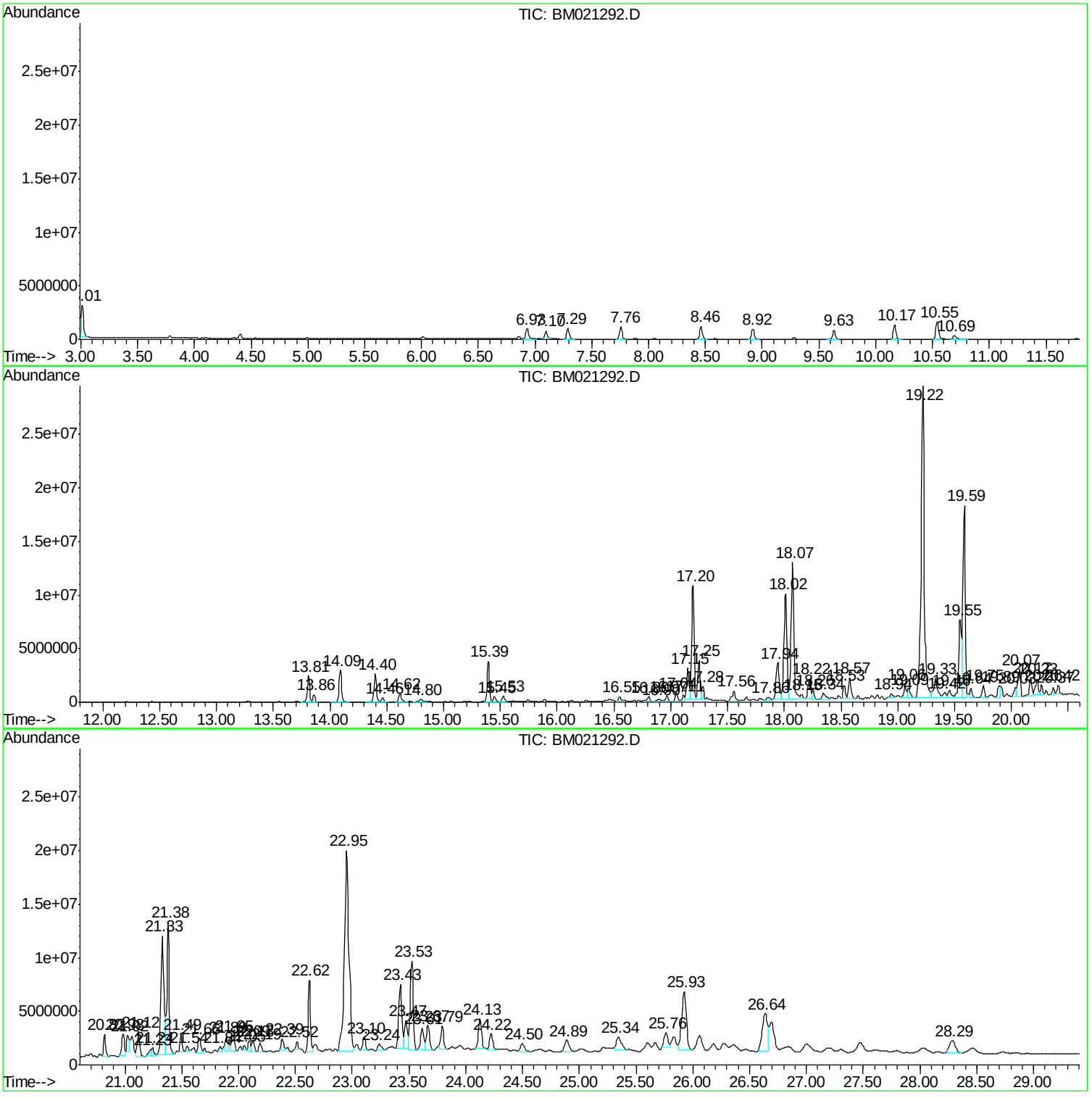
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

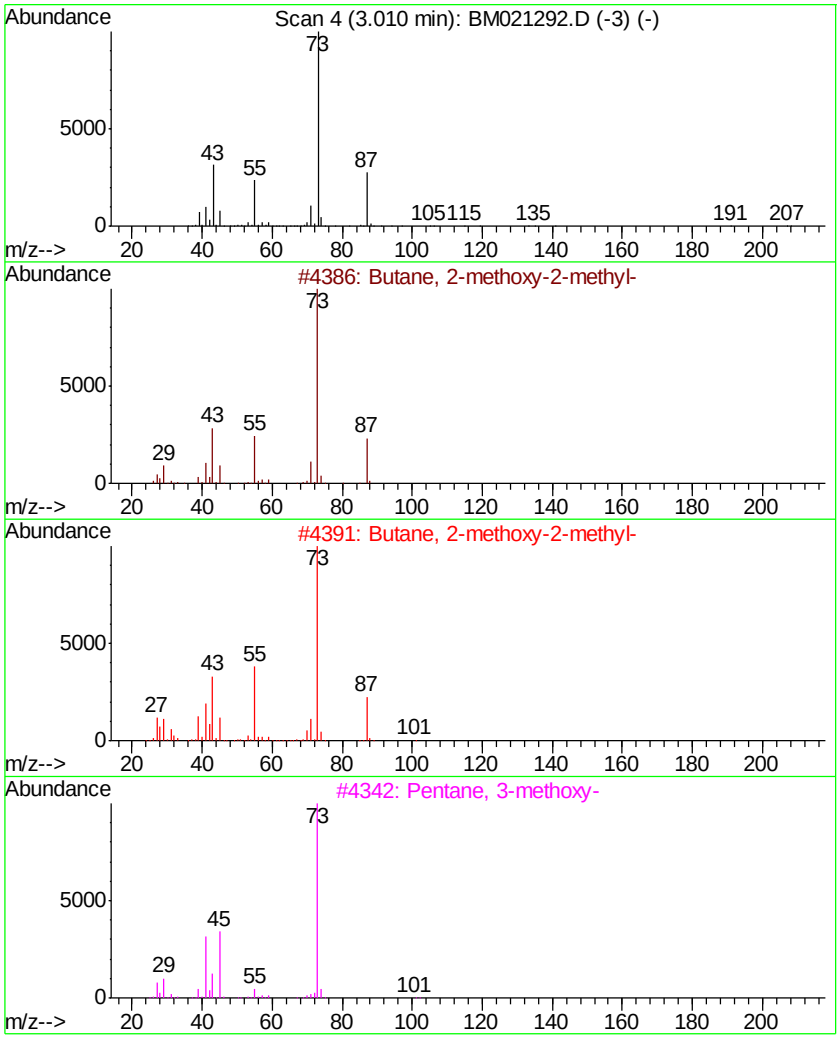
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

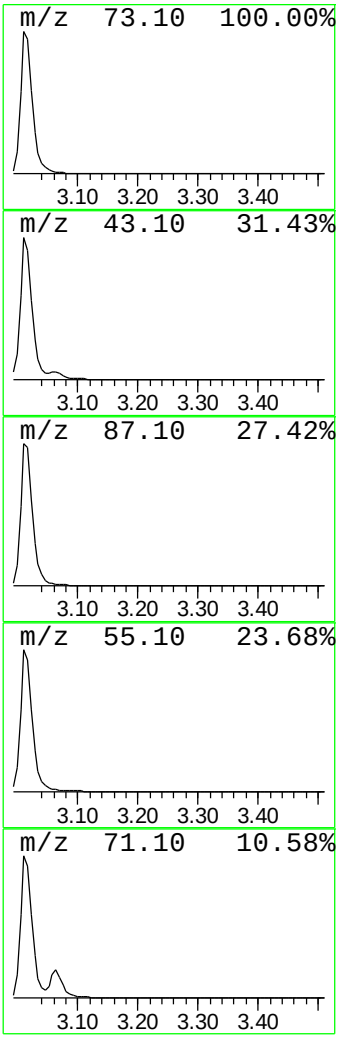
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	32.44 ng/ul	3033610	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

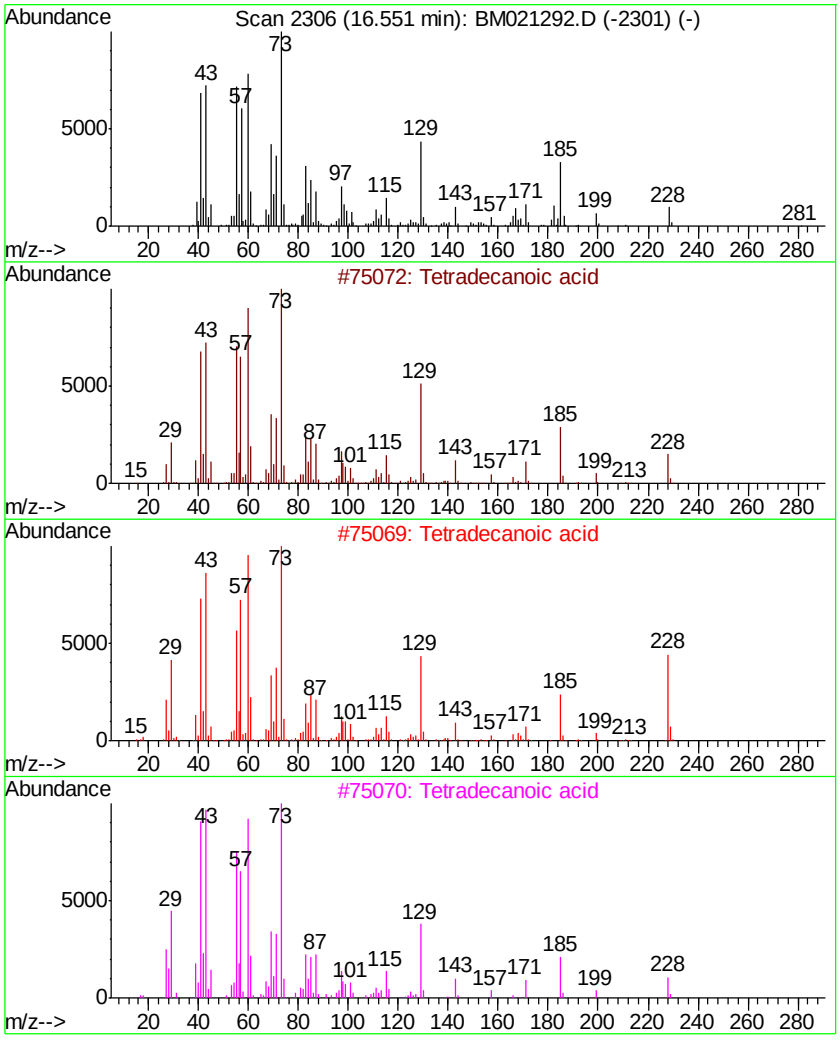
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

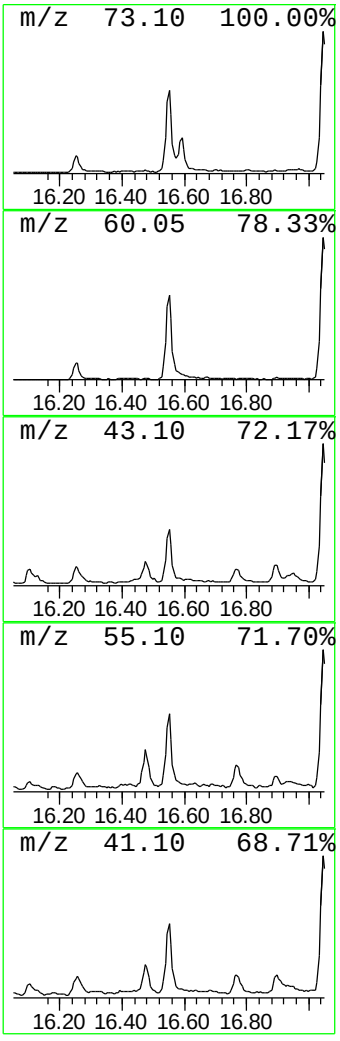
****

Peak Number 2 Tetradecanoic acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.72 ng/ul	588934	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

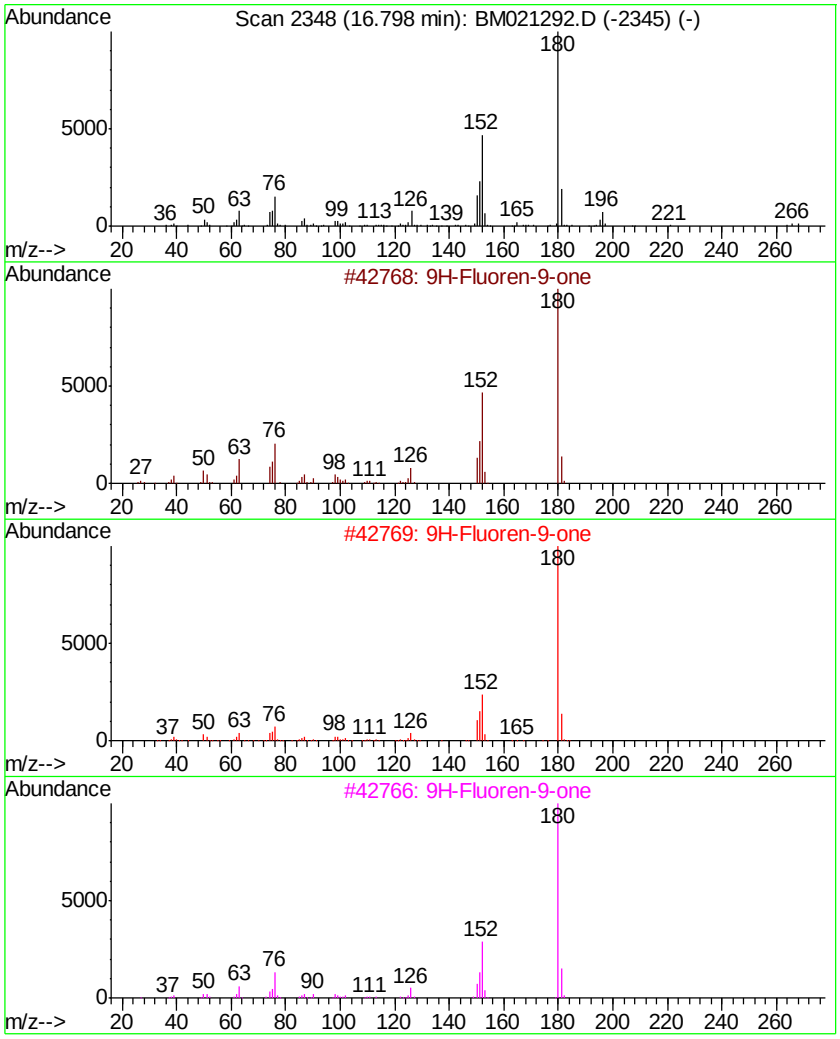
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

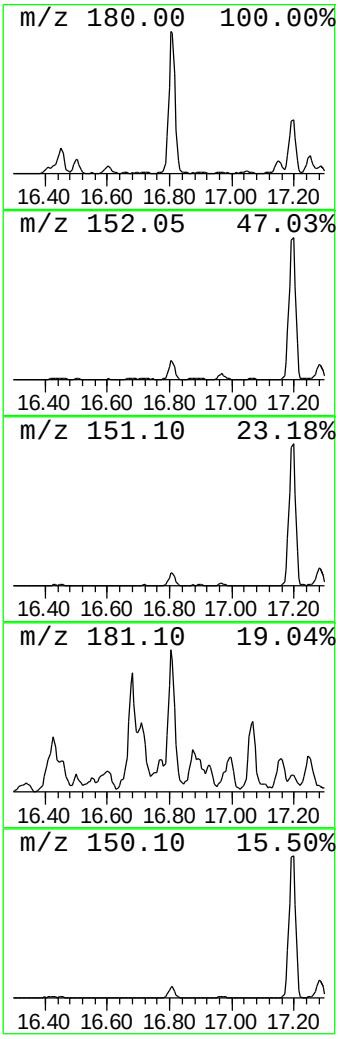
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.21 ng/ul	694763	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
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Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

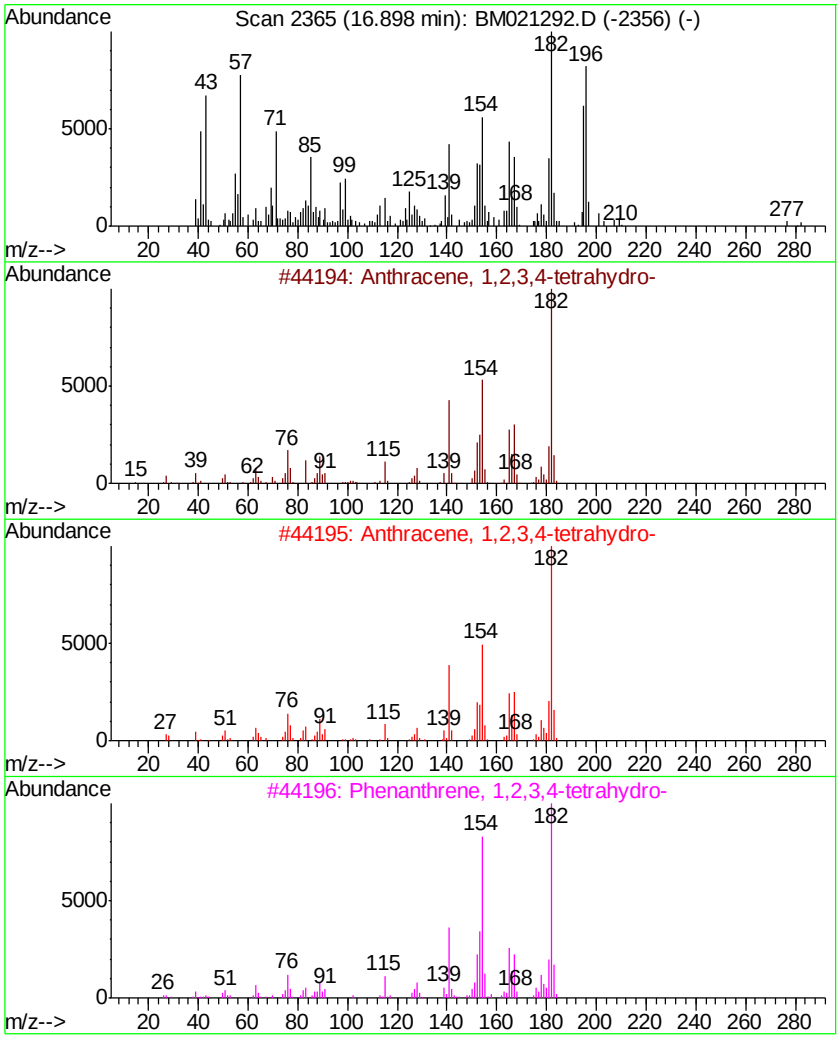
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

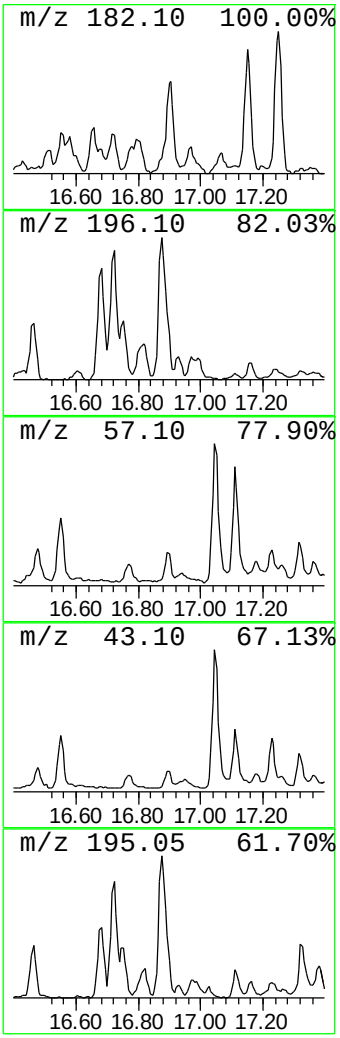
****

Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.53 ng/ul	547799	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	78
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	50
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	50
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46





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Data File : BM021292.D
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Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

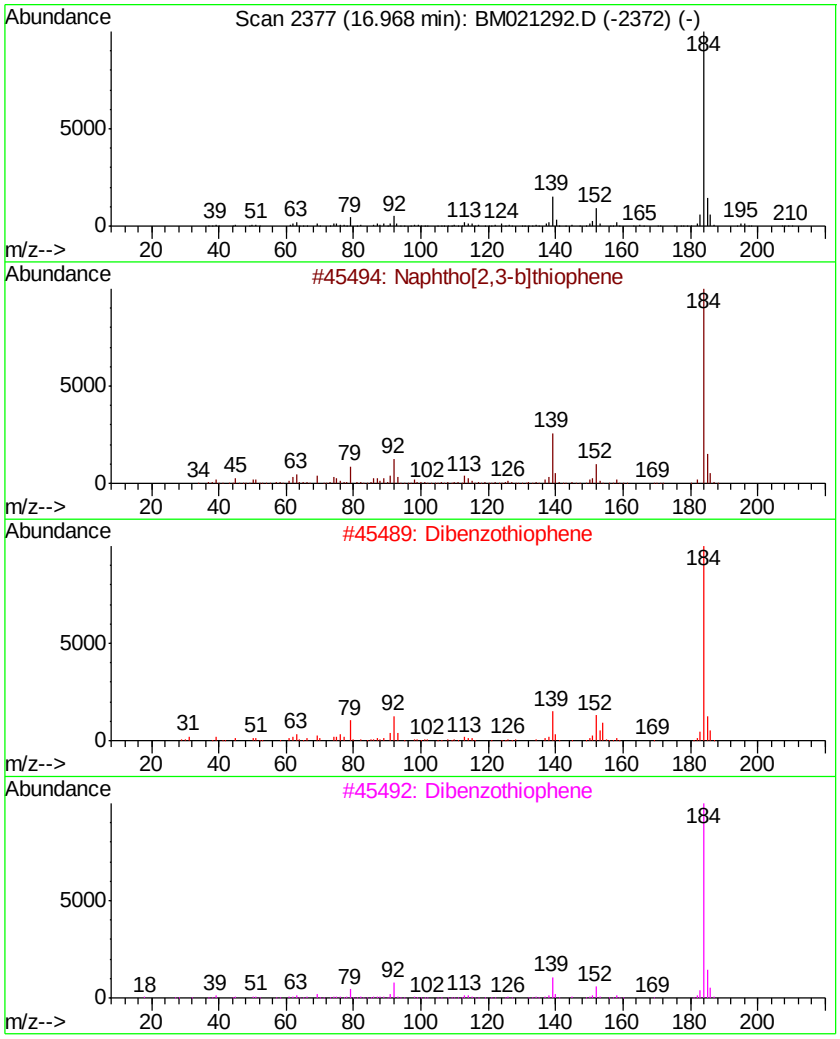
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

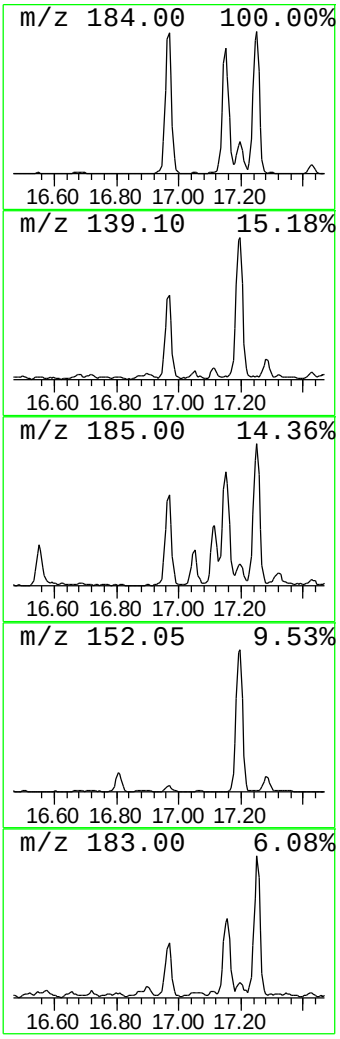
****

Peak Number 5 Naphtho[2,3-b]thiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.75 ng/ul	811831	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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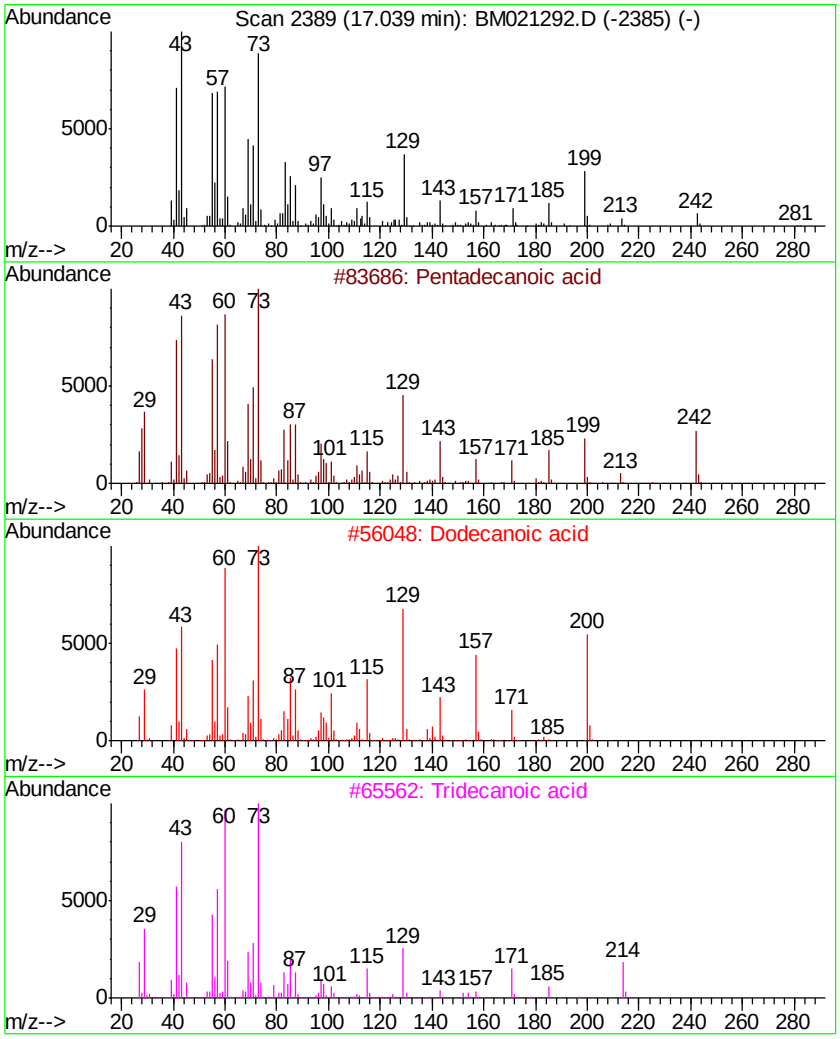
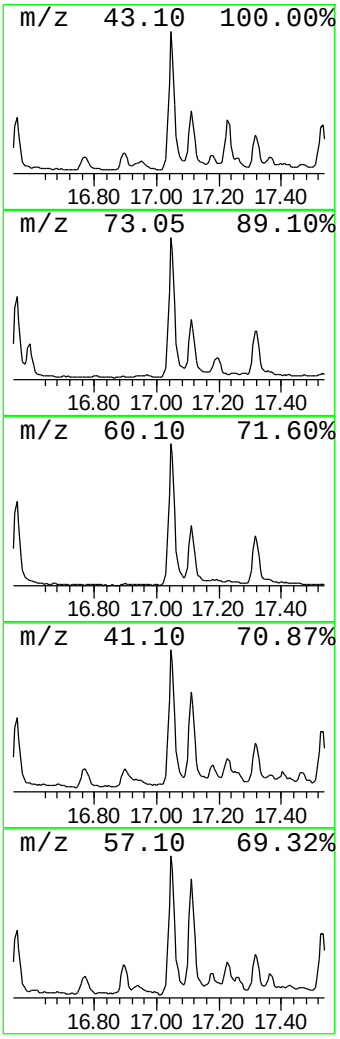
Peak Number 6 Pentadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	6.09 ng/ul	1317960	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Octacosane	394	C28H58	000630-02-4	14





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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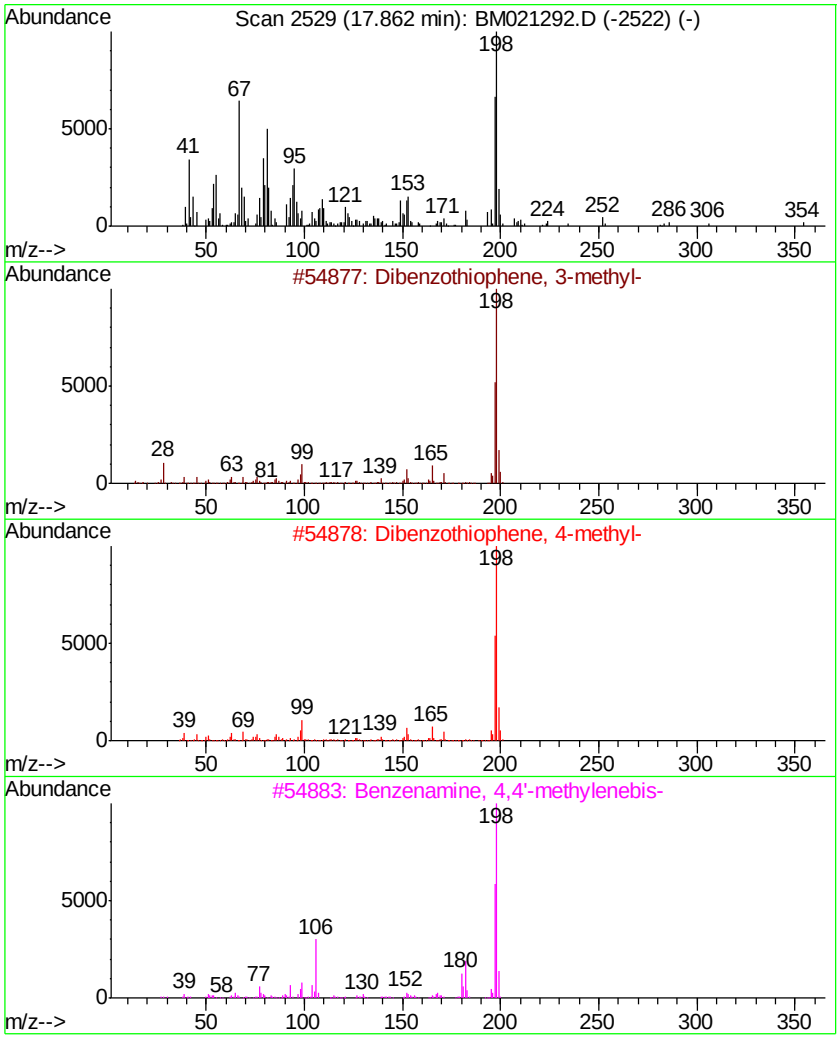
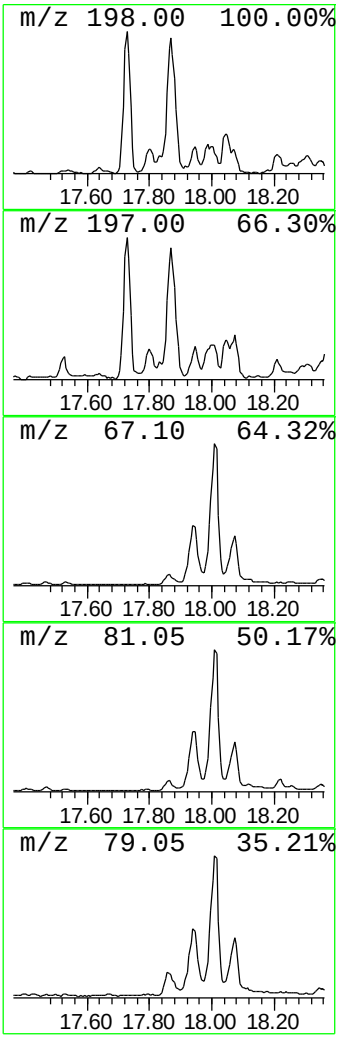
Peak Number 7 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.62 ng/ul	565802	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	46
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	46
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	45
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	43
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43





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Sample : K3590-11
Misc :
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Instrument : BNA_M
ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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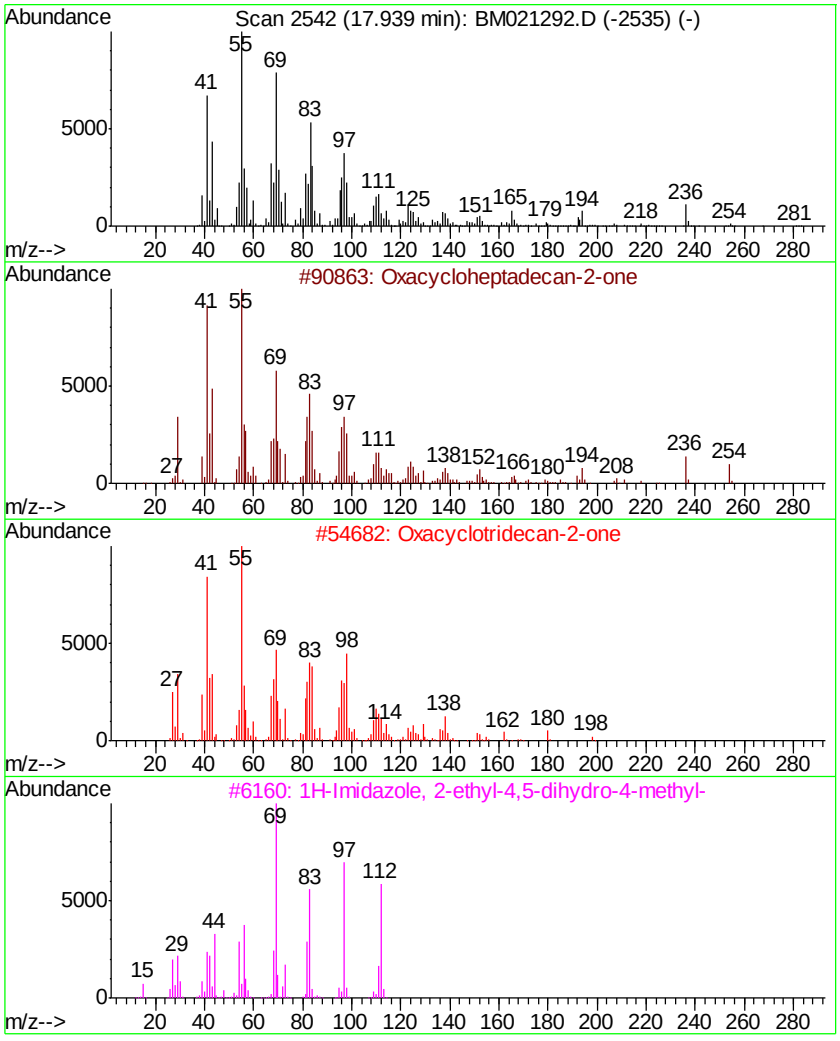
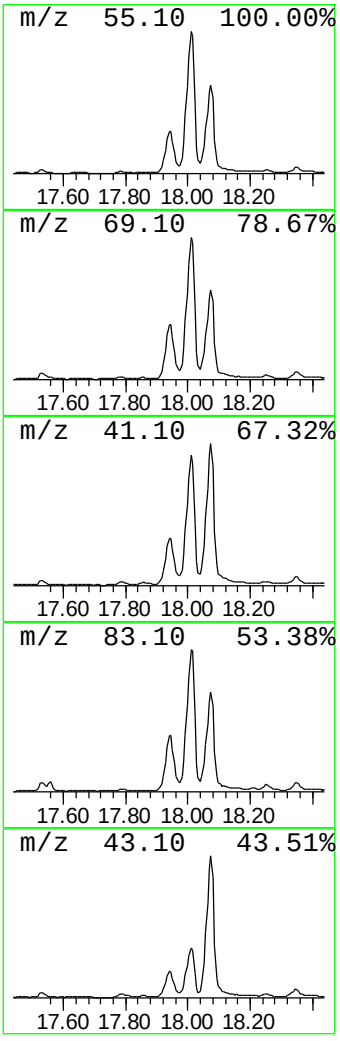
Peak Number 8 Oxacycloheptadecan-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	31.36 ng/ul	6785380	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	64
2	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	60
3	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	60
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	60
5	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	55





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Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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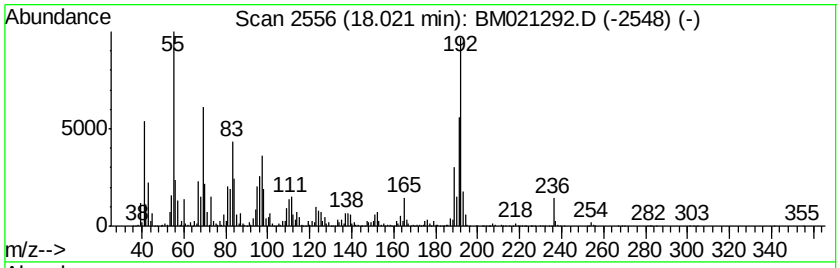
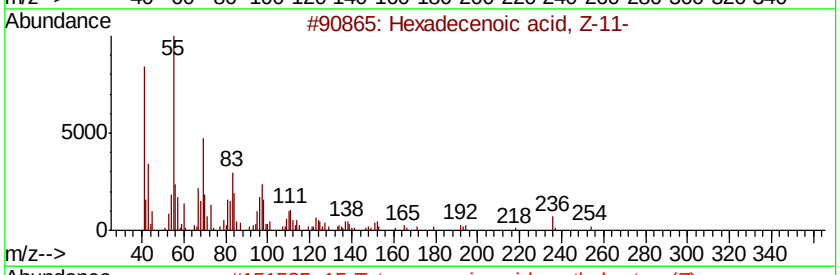
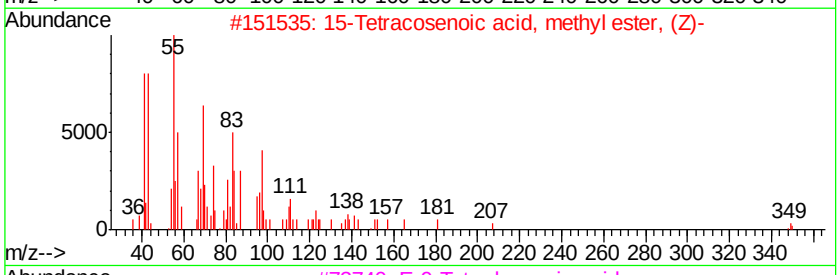
Peak Number 9 Hexadecenoic acid, Z-11- Concentration Rank 2

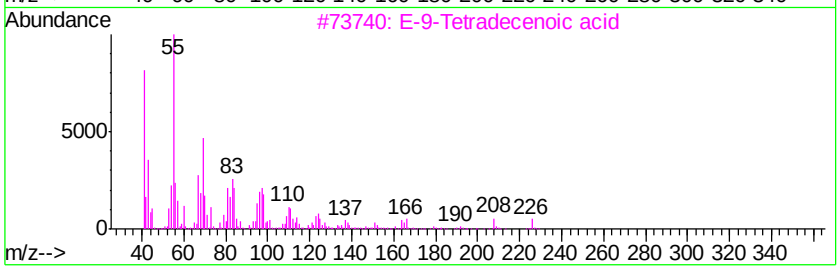
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	81.12 ng/ul	17548900	Phenanthrene-d10	17.15

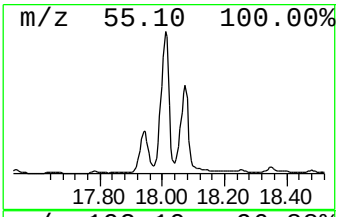
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	76
2	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	49
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	46
4	9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	43
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	43

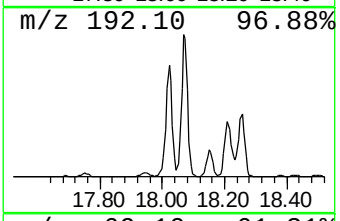


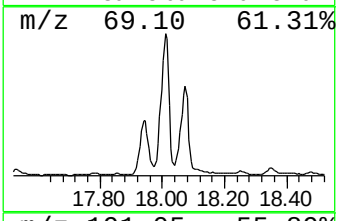


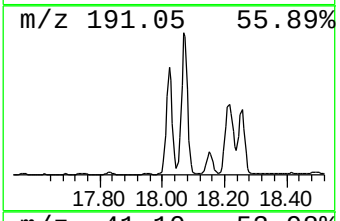


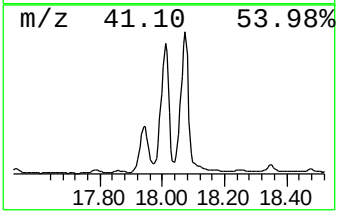












Library Search Compound Report

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Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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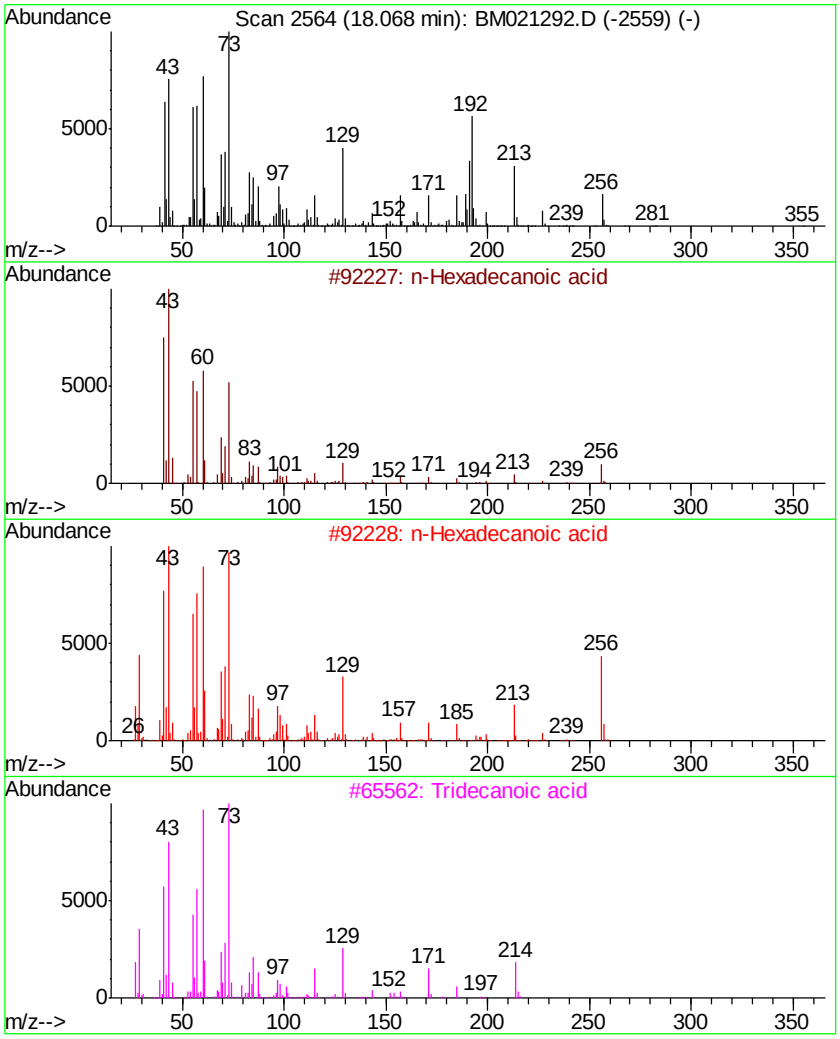
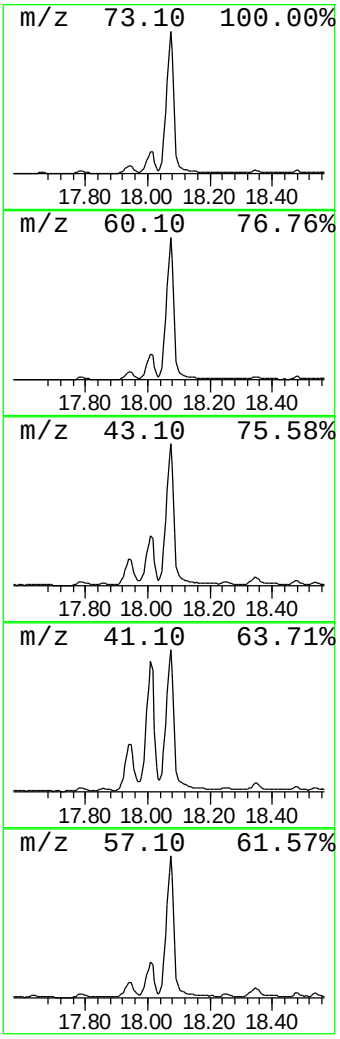
Peak Number 10 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	100.85 ng/ul	21817200	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78





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Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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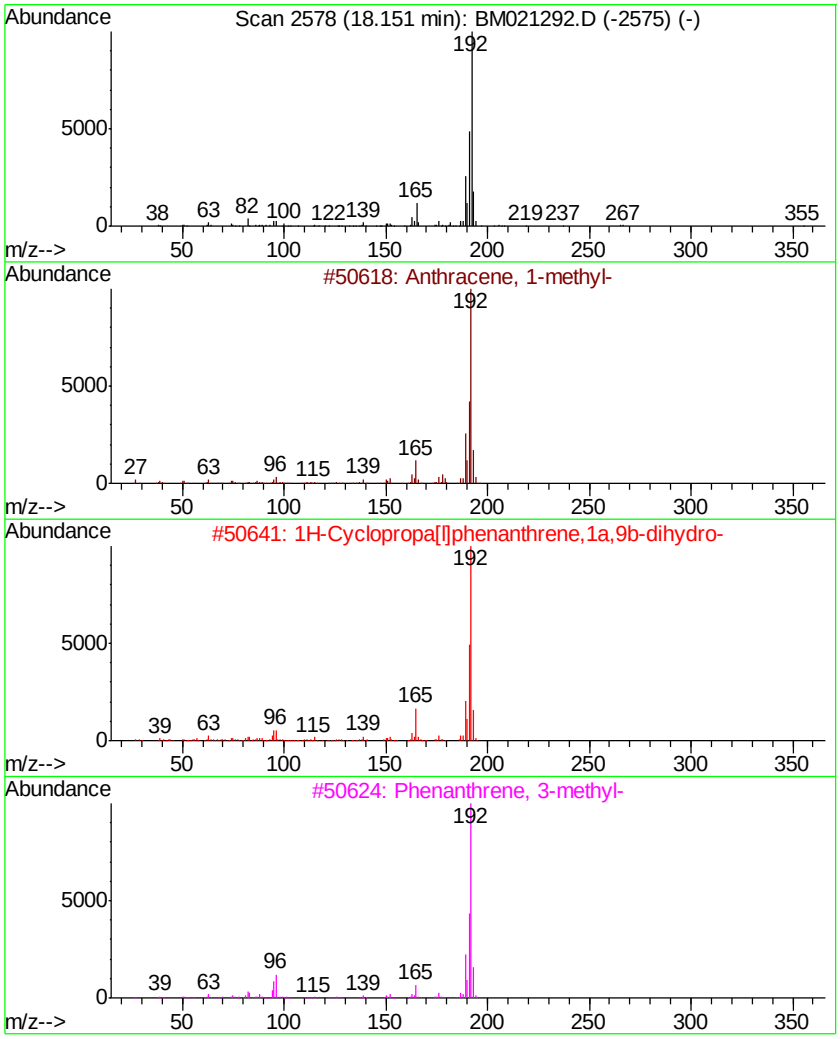
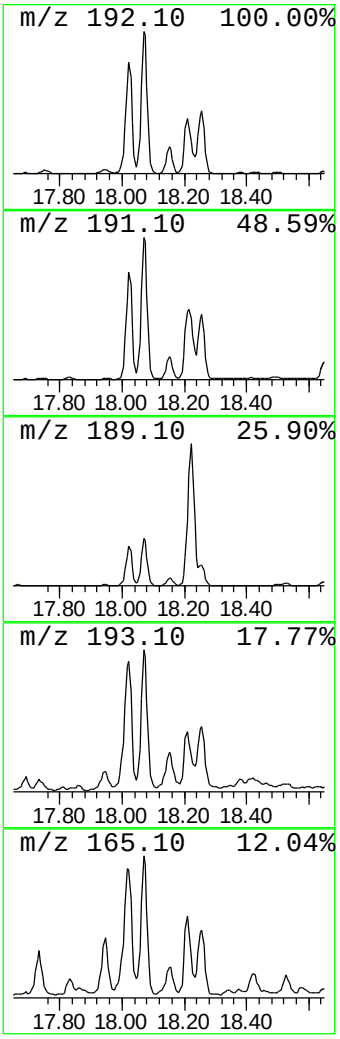
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.06 ng/ul	662721	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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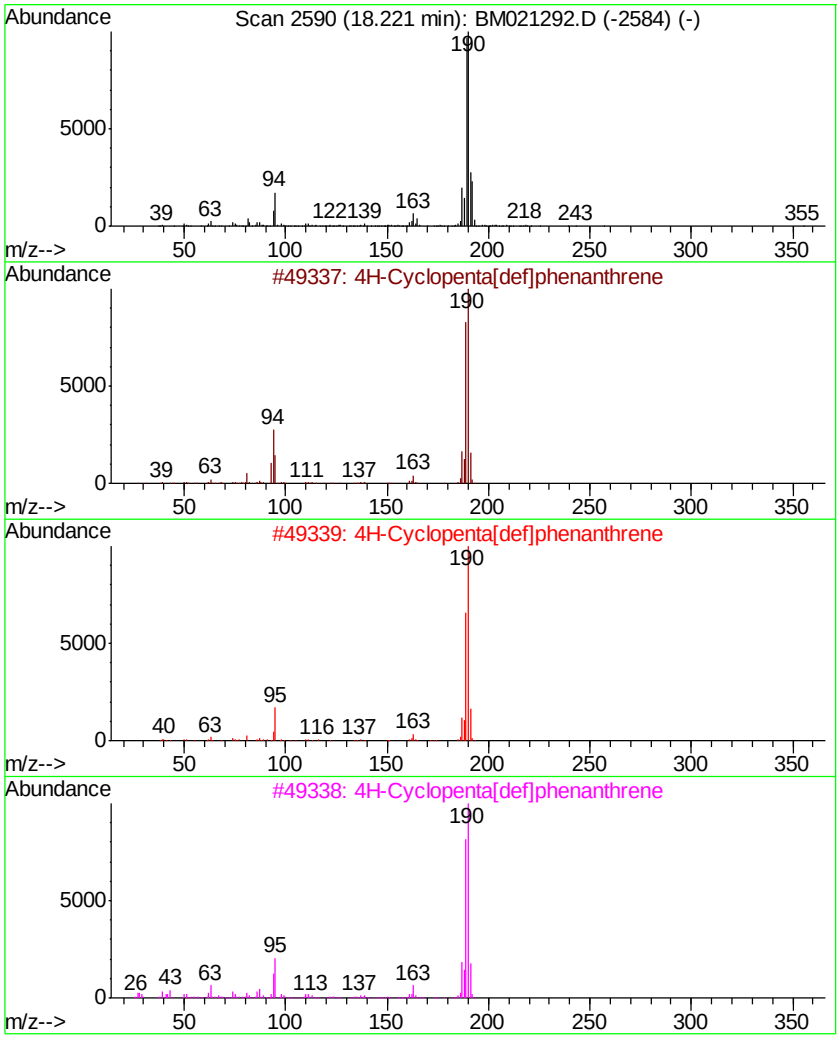
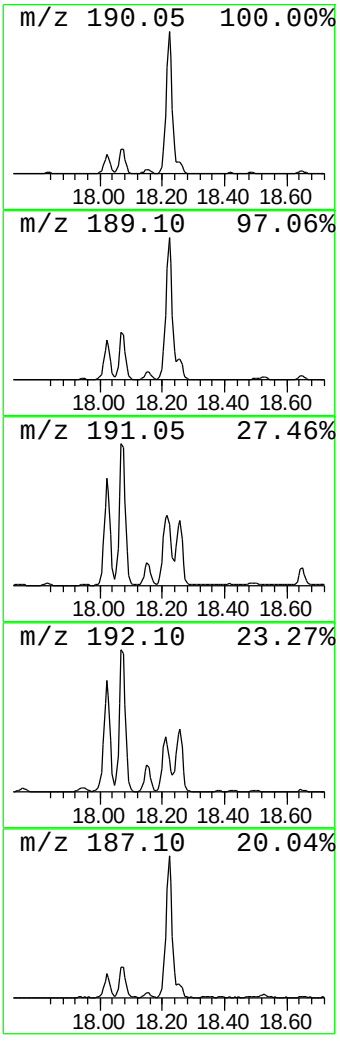
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	13.98 ng/ul	3024130	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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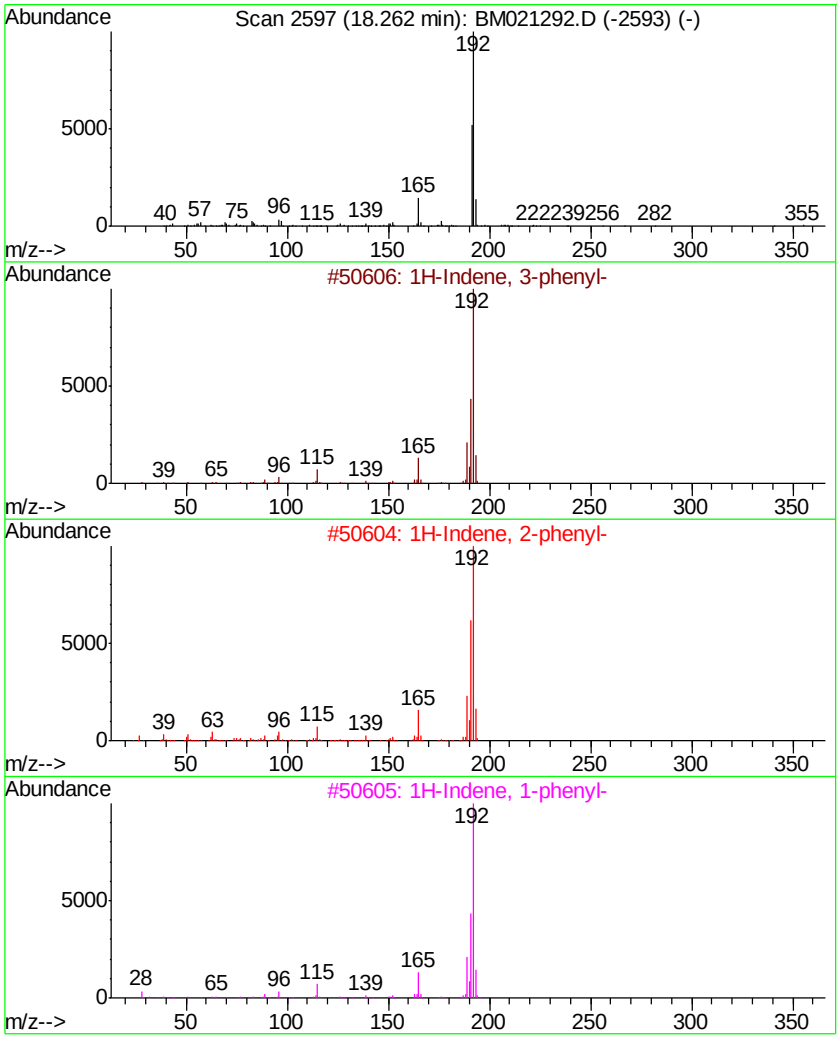
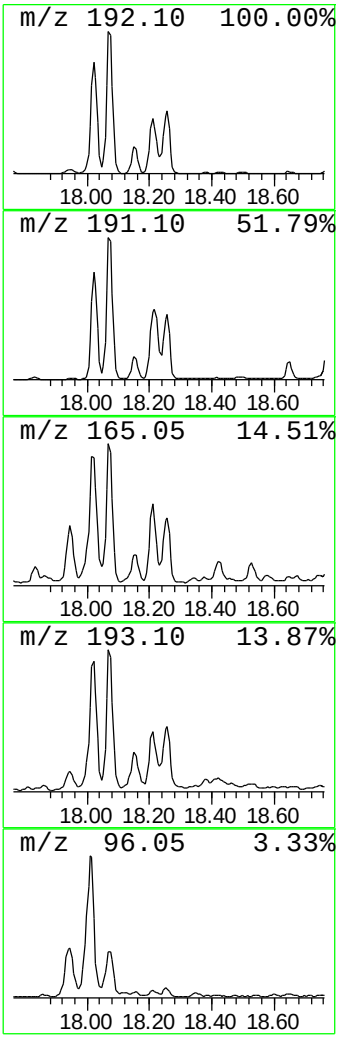
Peak Number 13 1H-Indene, 3-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.82 ng/ul	1260150	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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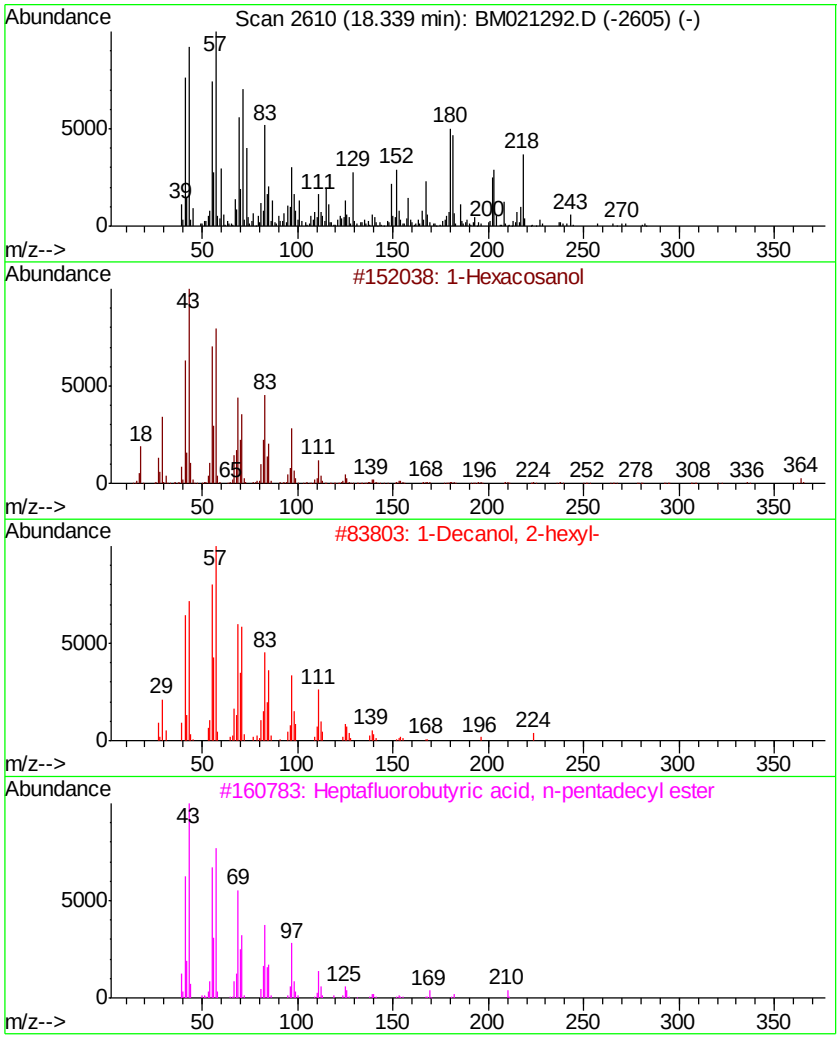
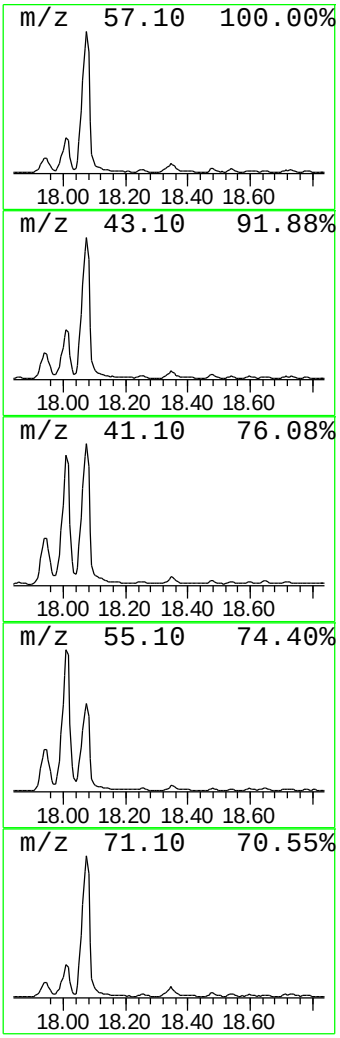
Peak Number 14 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.91 ng/ul	1494210	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	45
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	45
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	43
4	1-Tetradecene	196	C14H28	001120-36-1	38
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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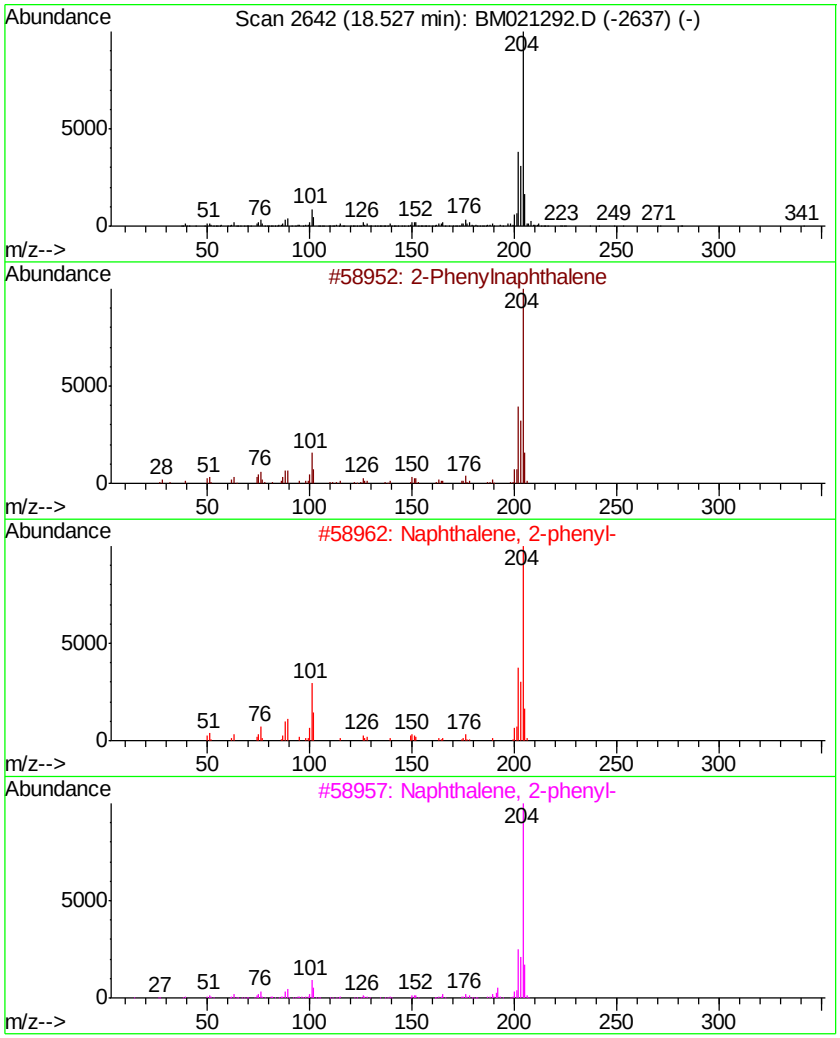
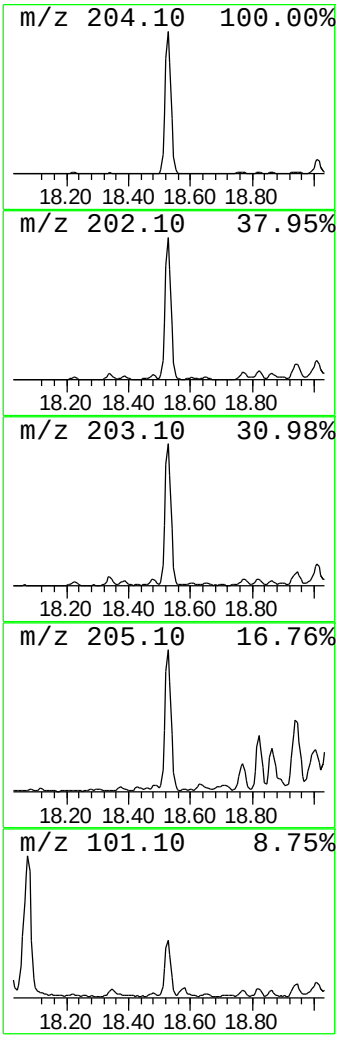
Peak Number 15 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	7.85 ng/ul	1698550	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





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Operator : HP/JU
Sample : K3590-11
Misc :
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Instrument : BNA_M
ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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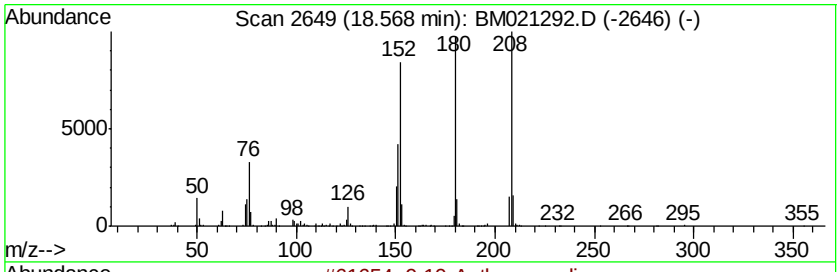
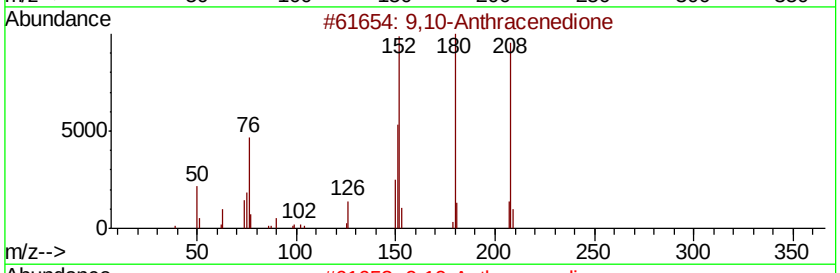
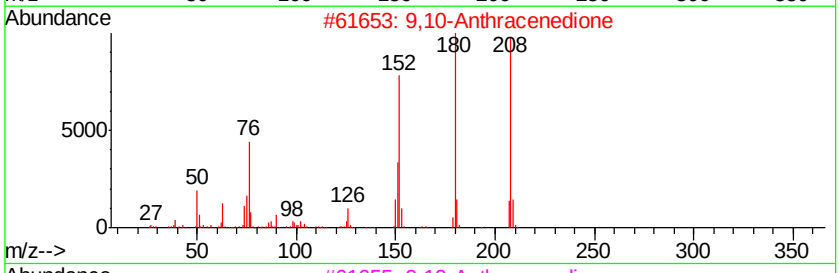
Peak Number 16 9,10-Anthracenedione Concentration Rank 15

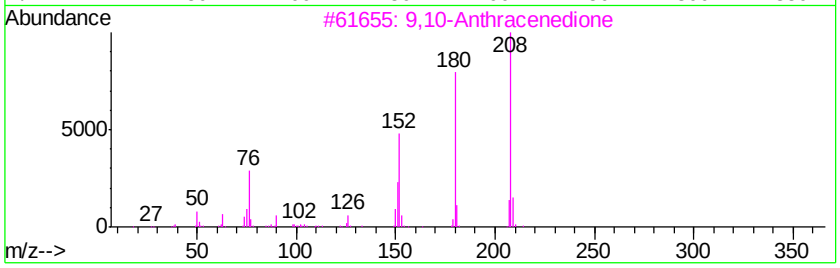
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	13.00 ng/ul	2812520	Phenanthrene-d10	17.15

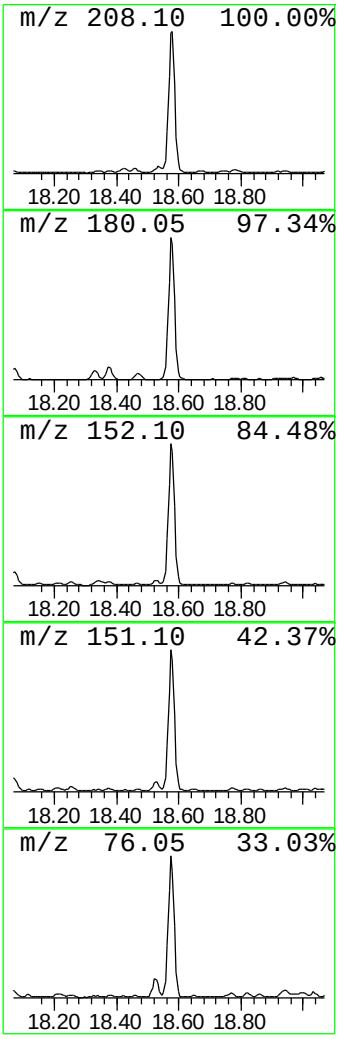
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70











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Sample : K3590-11
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Instrument : BNA_M
ClientSampleId : C5BB0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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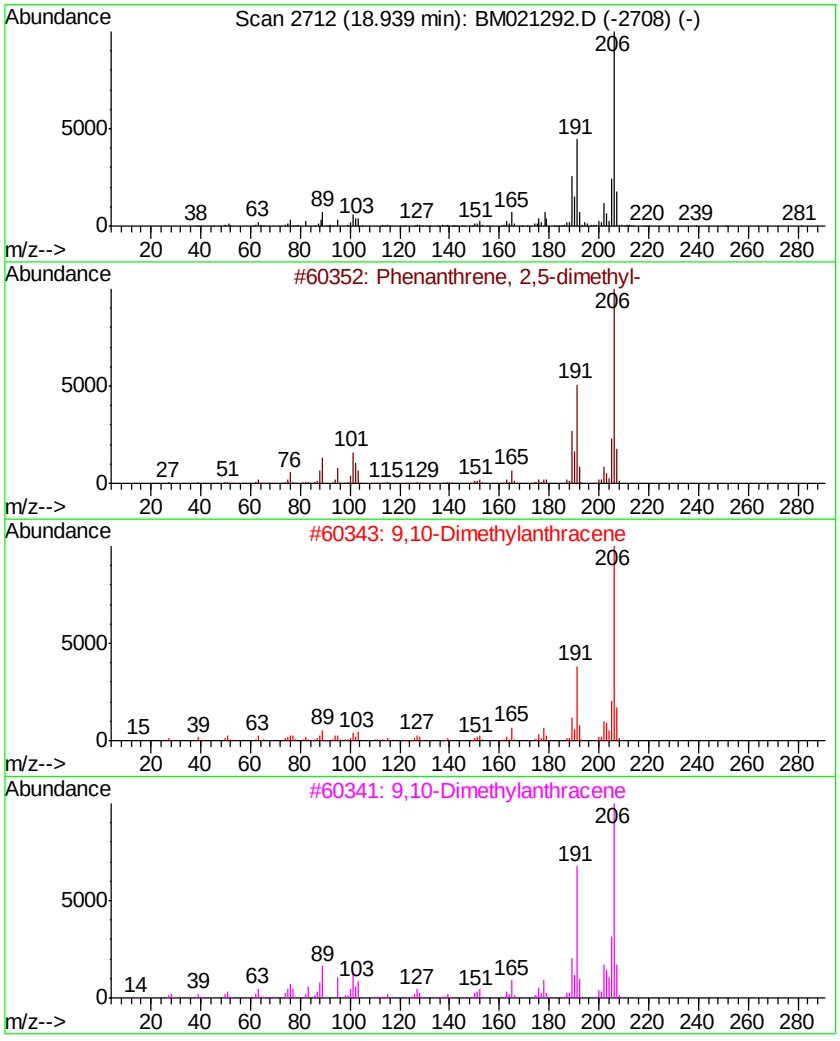
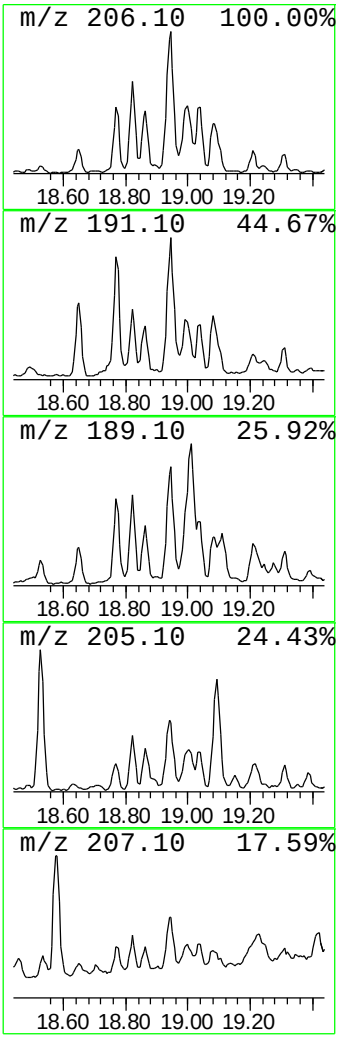
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.34 ng/ul	723361	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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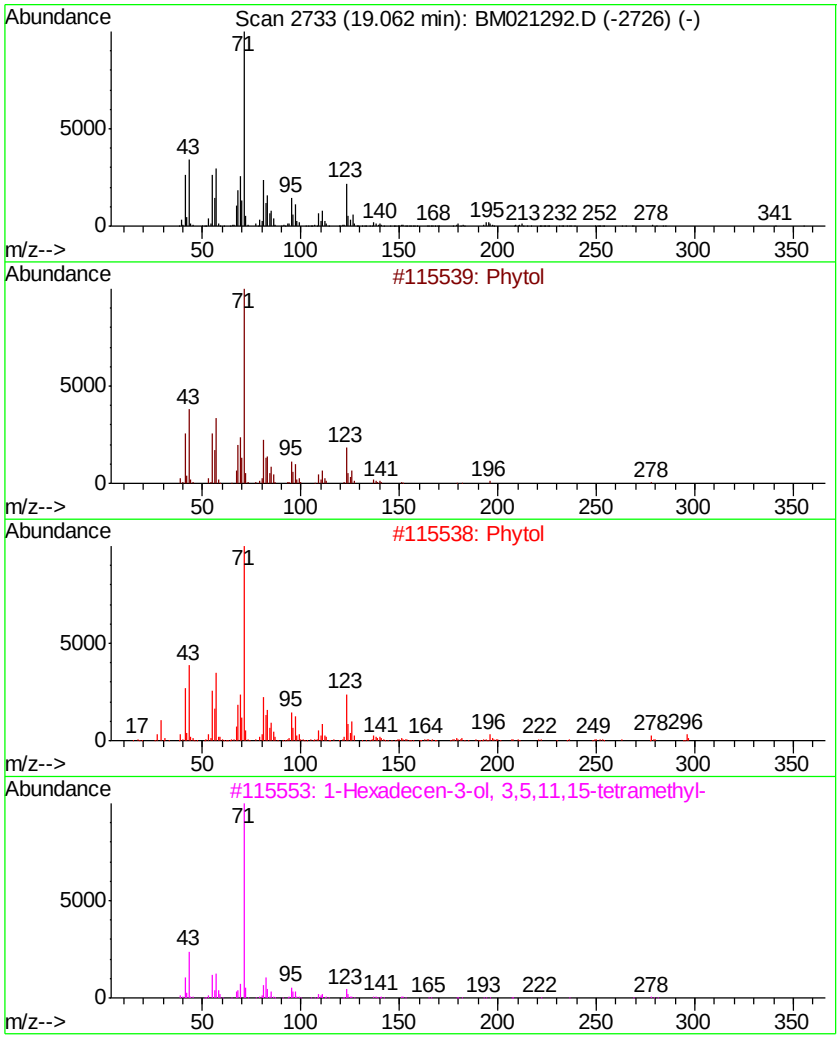
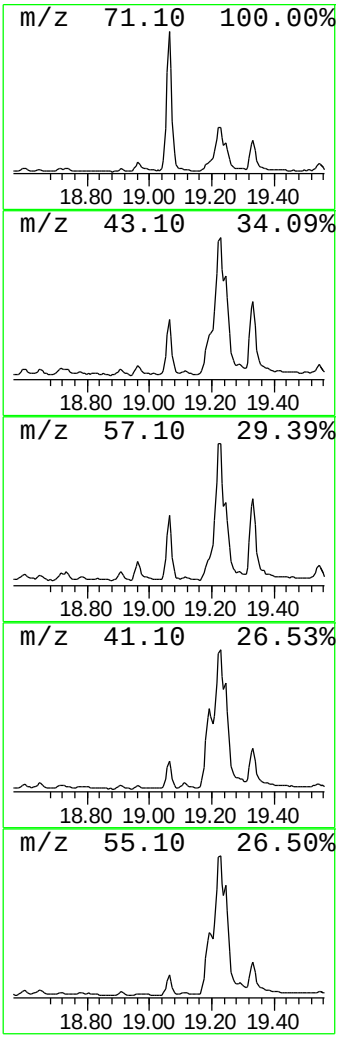
Peak Number 18 Phytol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	8.18 ng/ul	1769040	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Phytol	296	C20H40O	000150-86-7	86
3	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
4	Isophytol	296	C20H40O	000505-32-8	59
5	Isophytol	296	C20H40O	000505-32-8	53





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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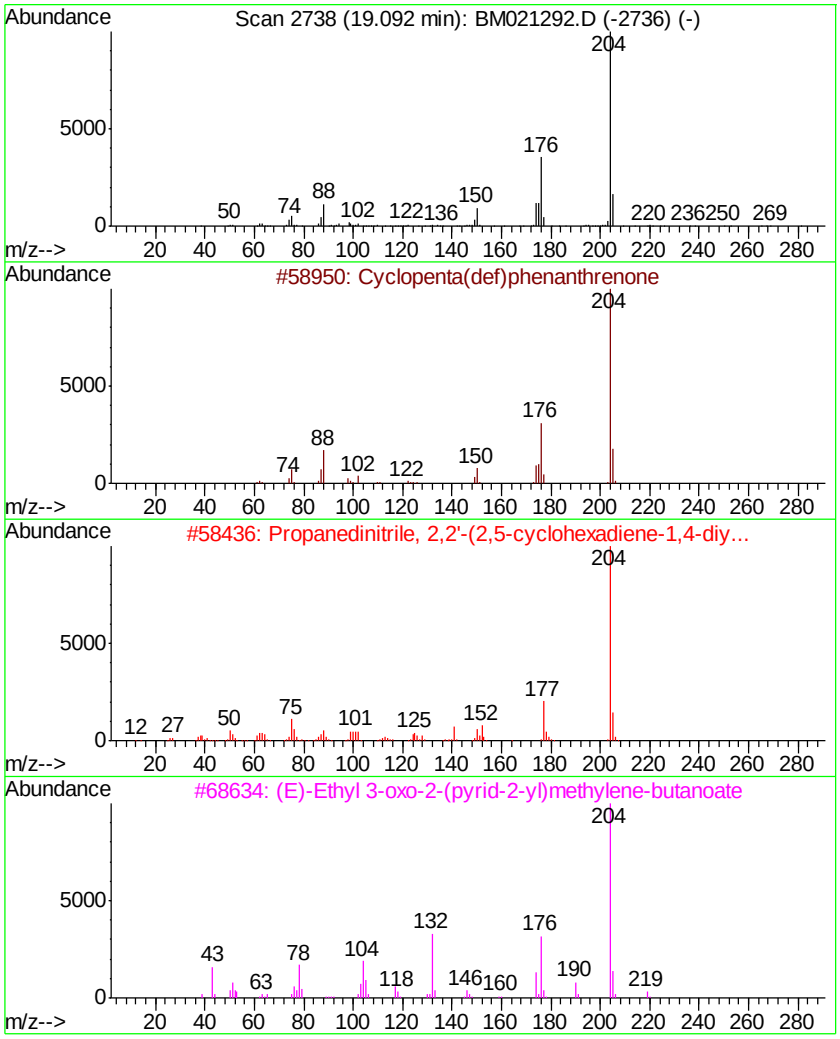
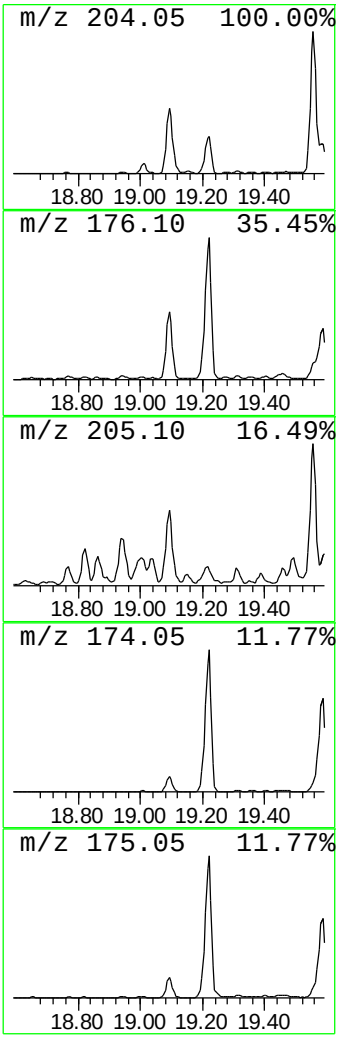
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	6.18 ng/ul	1337940	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	53
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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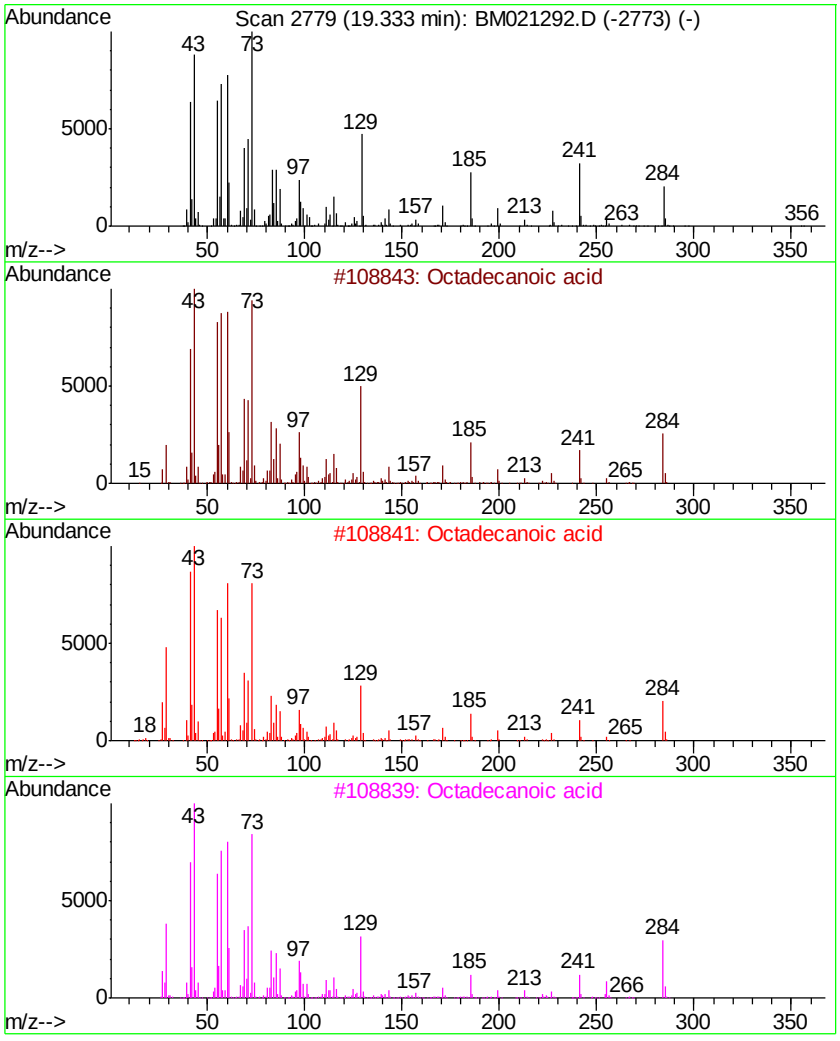
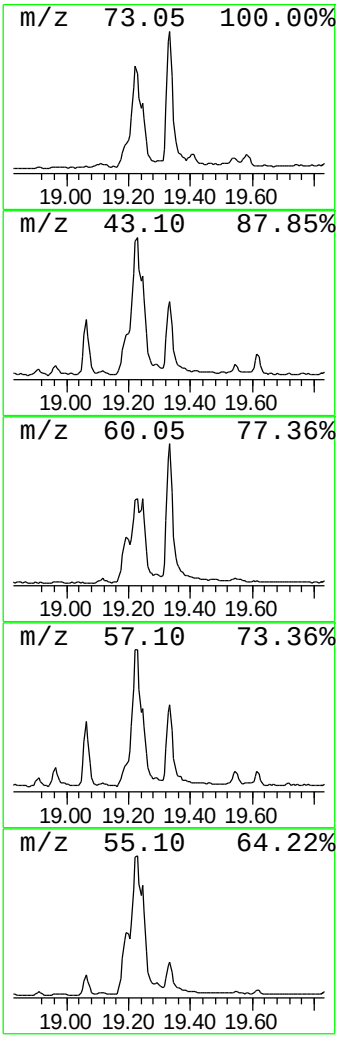
Peak Number 20 Octadecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.74 ng/ul	3952740	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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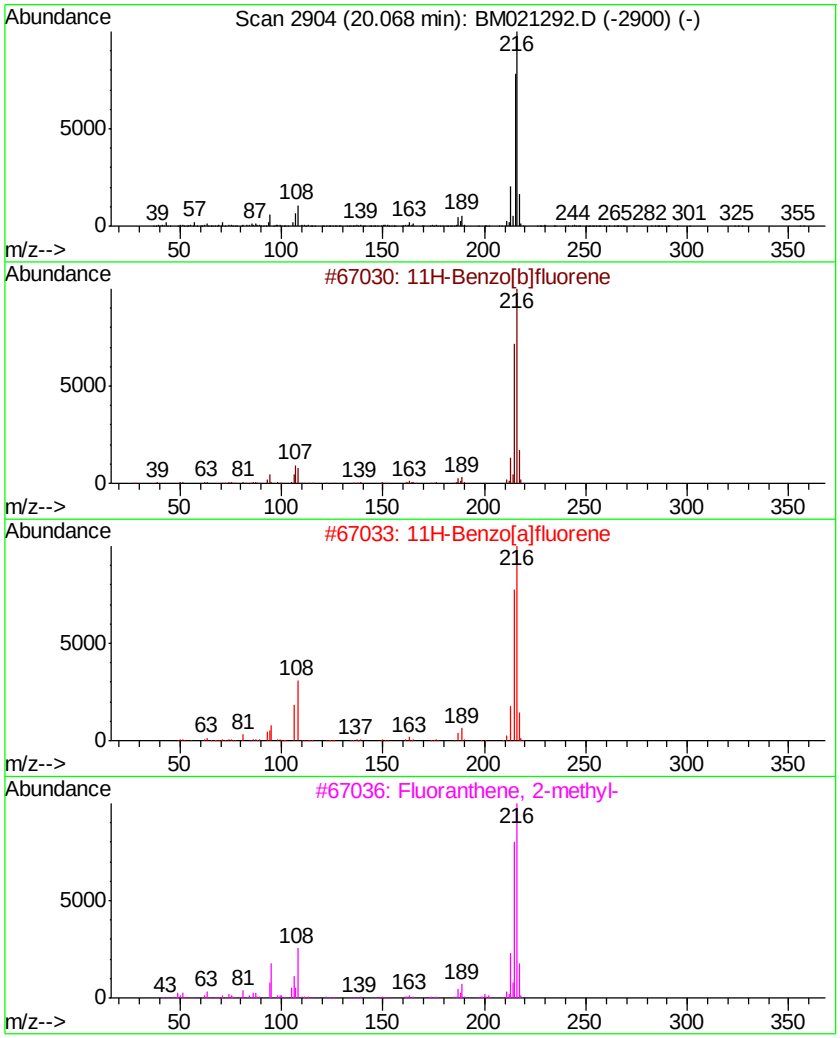
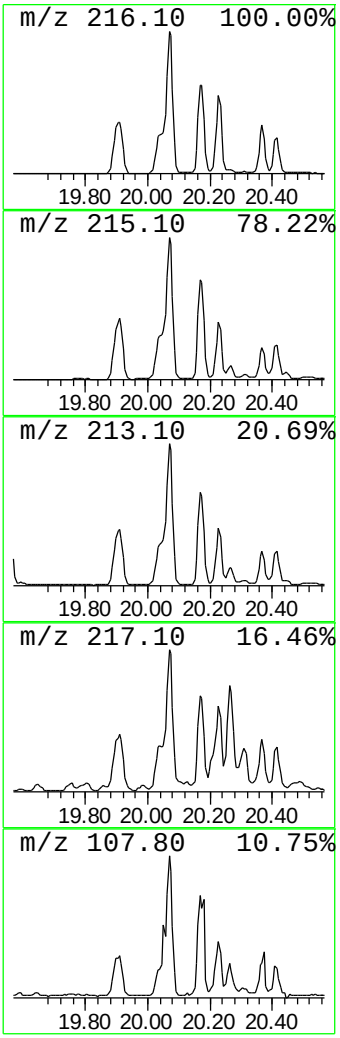
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.77 ng/ul	3983750	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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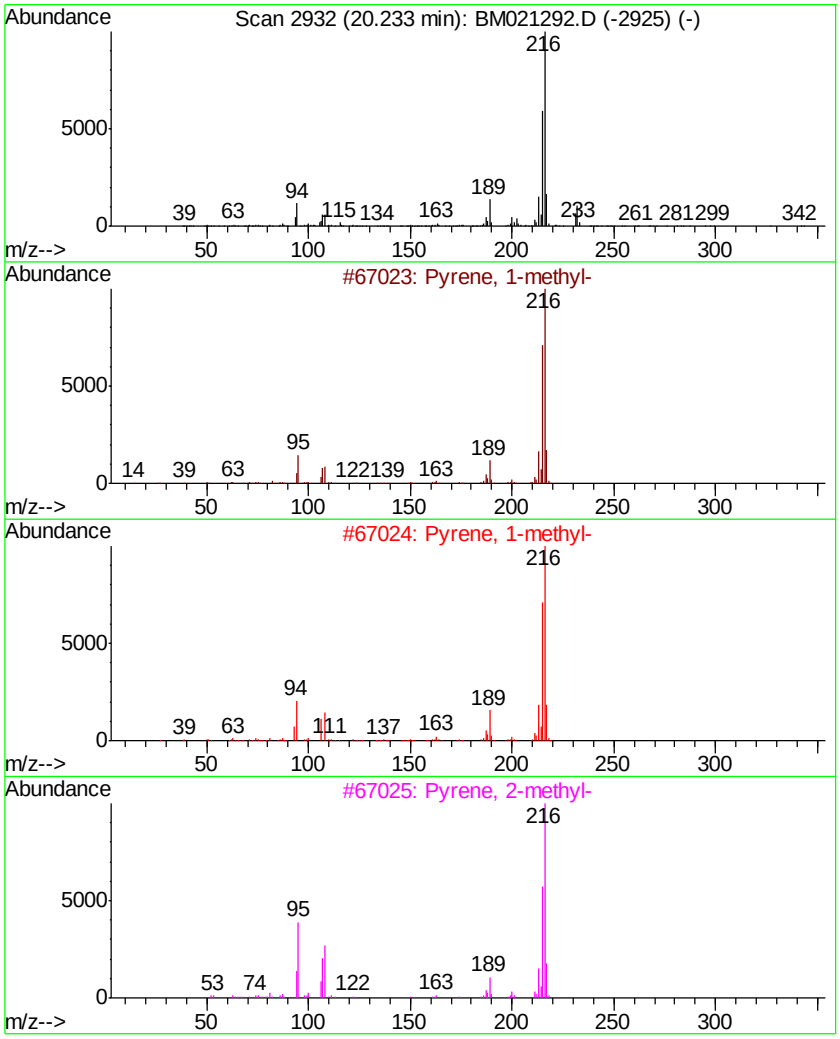
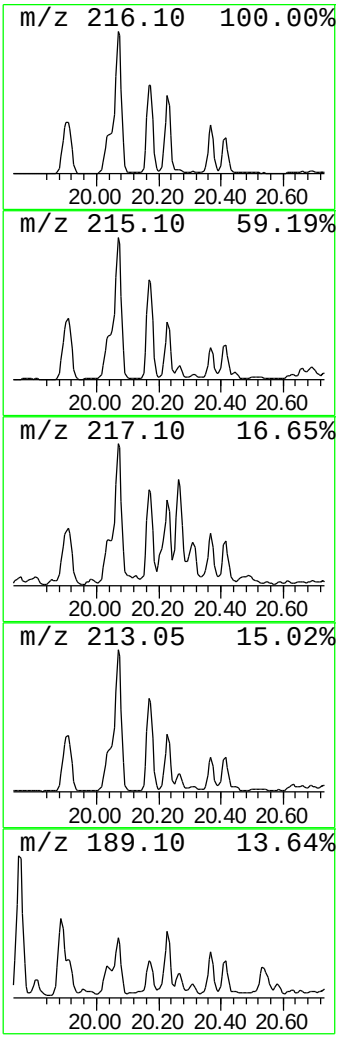
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.58 ng/ul	2721360	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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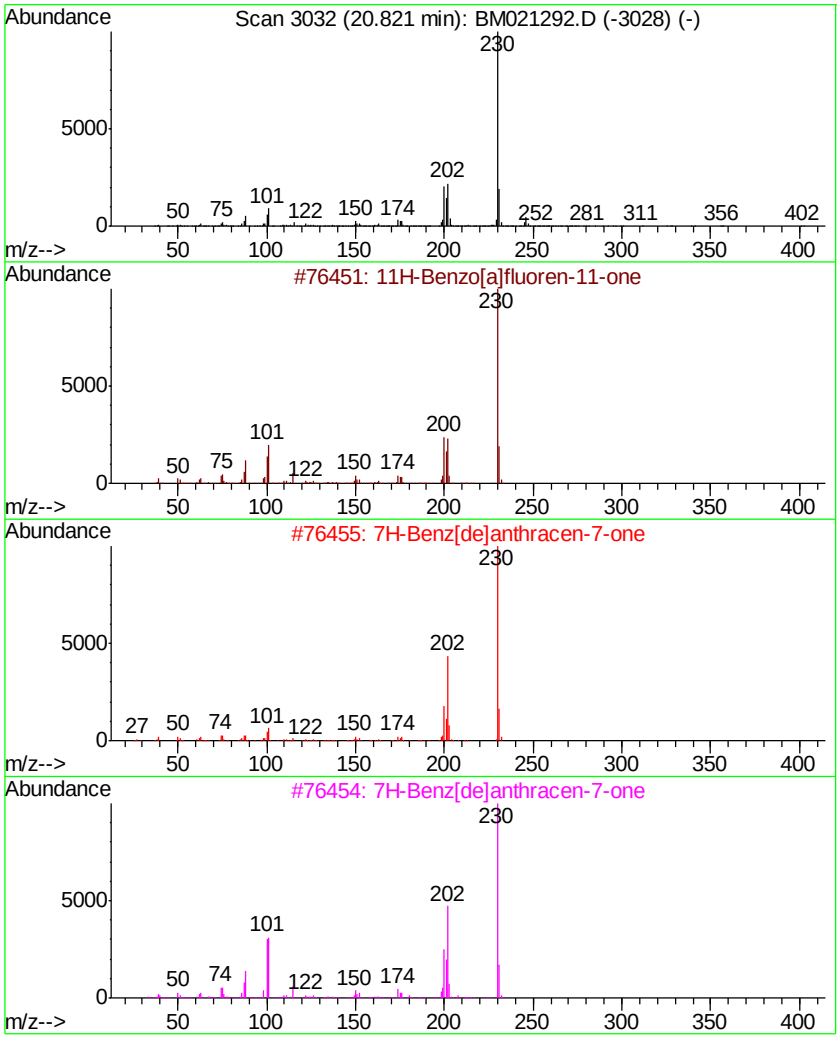
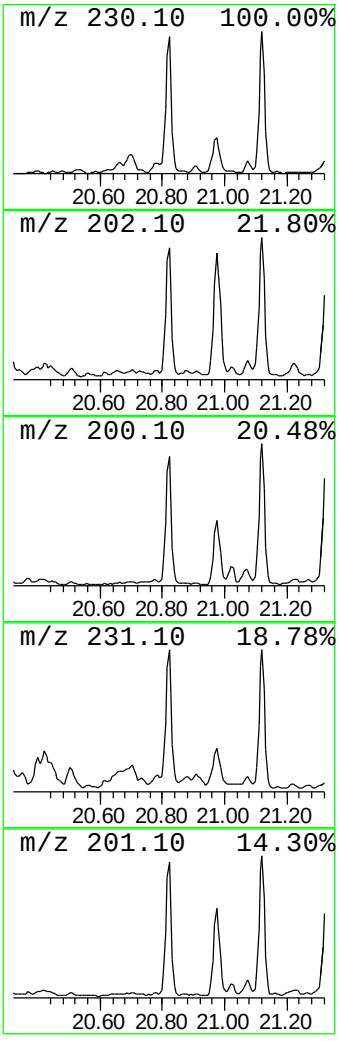
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.63 ng/ul	2781370	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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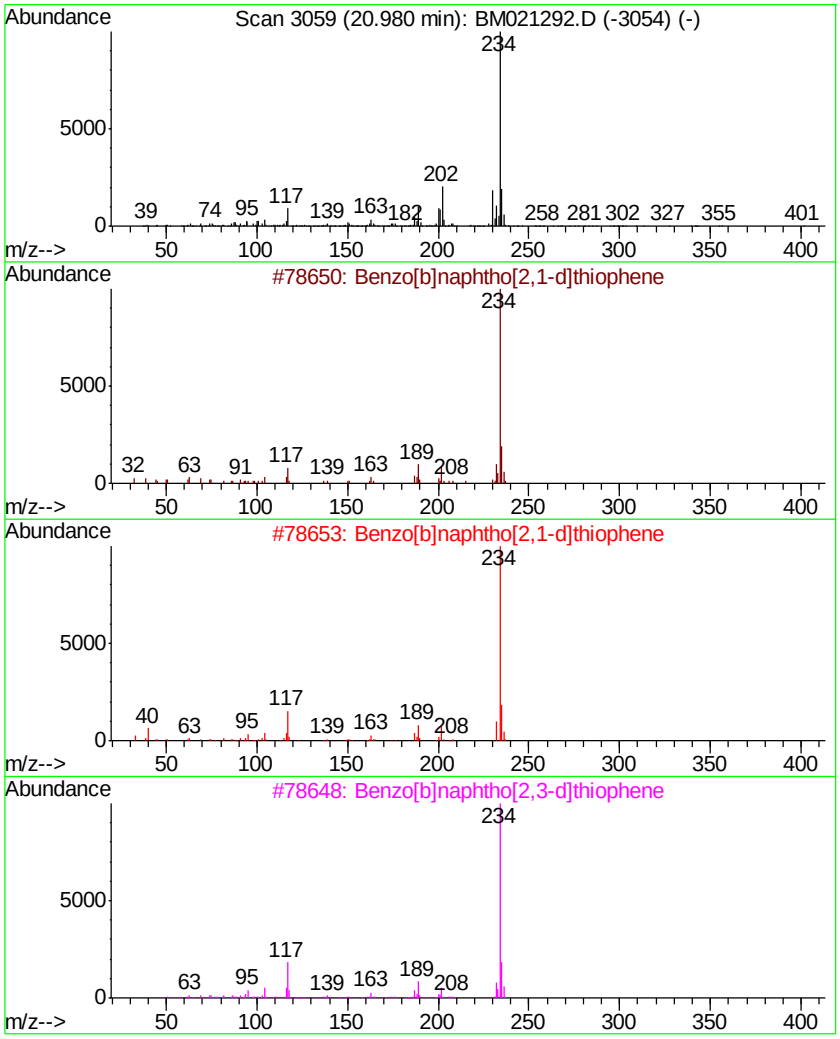
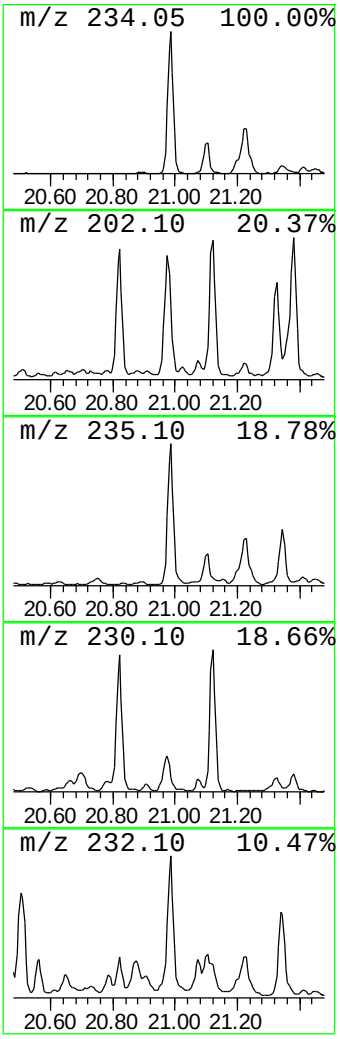
Peak Number 25 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.09 ng/ul	3266610	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	68





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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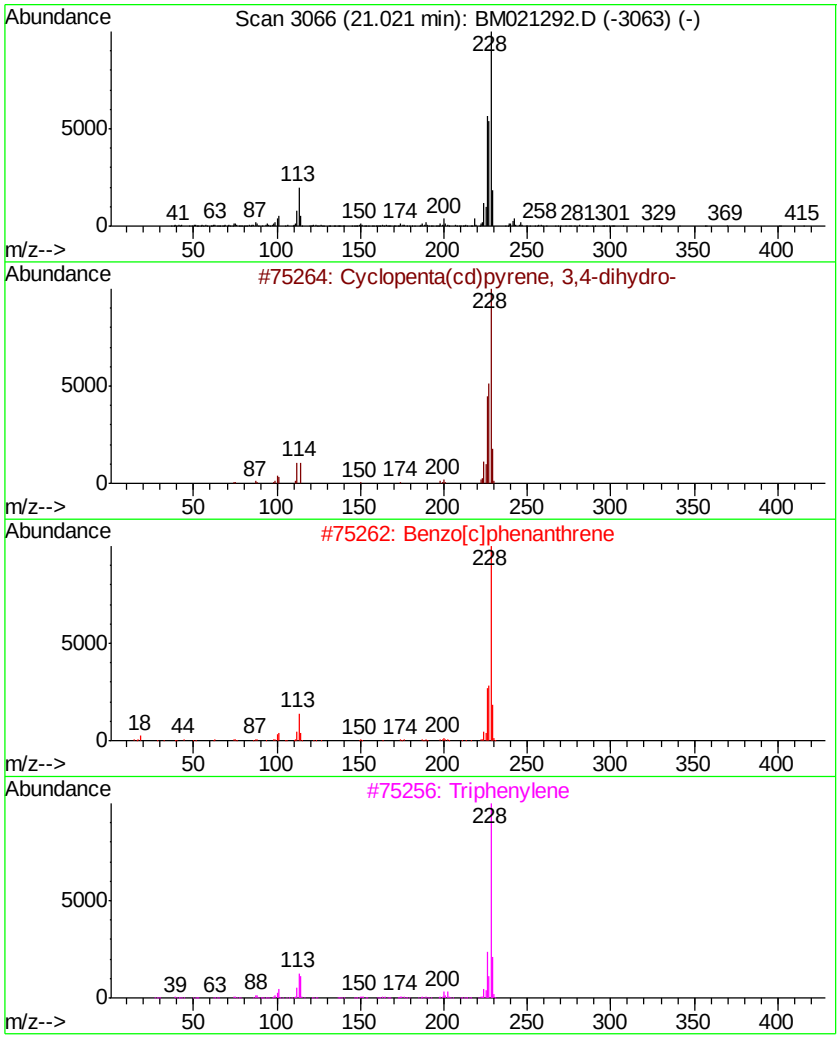
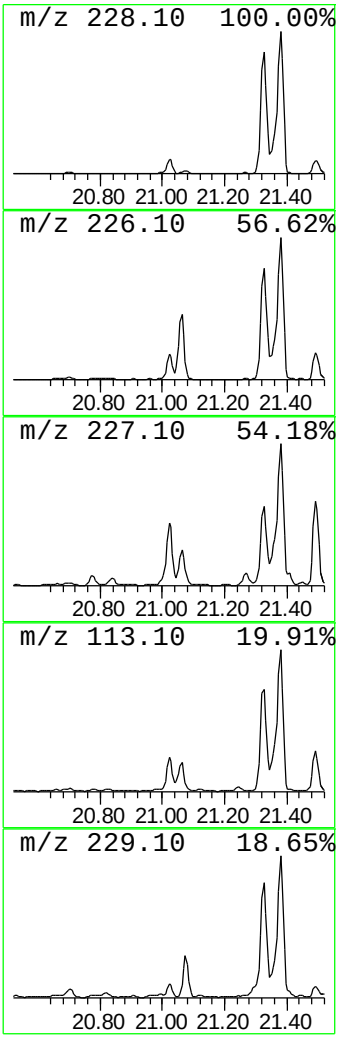
Peak Number 26 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.12 ng/ul	2243020	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Triphenylene	228	C18H12	000217-59-4	50
4	Triphenylene	228	C18H12	000217-59-4	49
5	Benz[a]anthracene	228	C18H12	000056-55-3	45





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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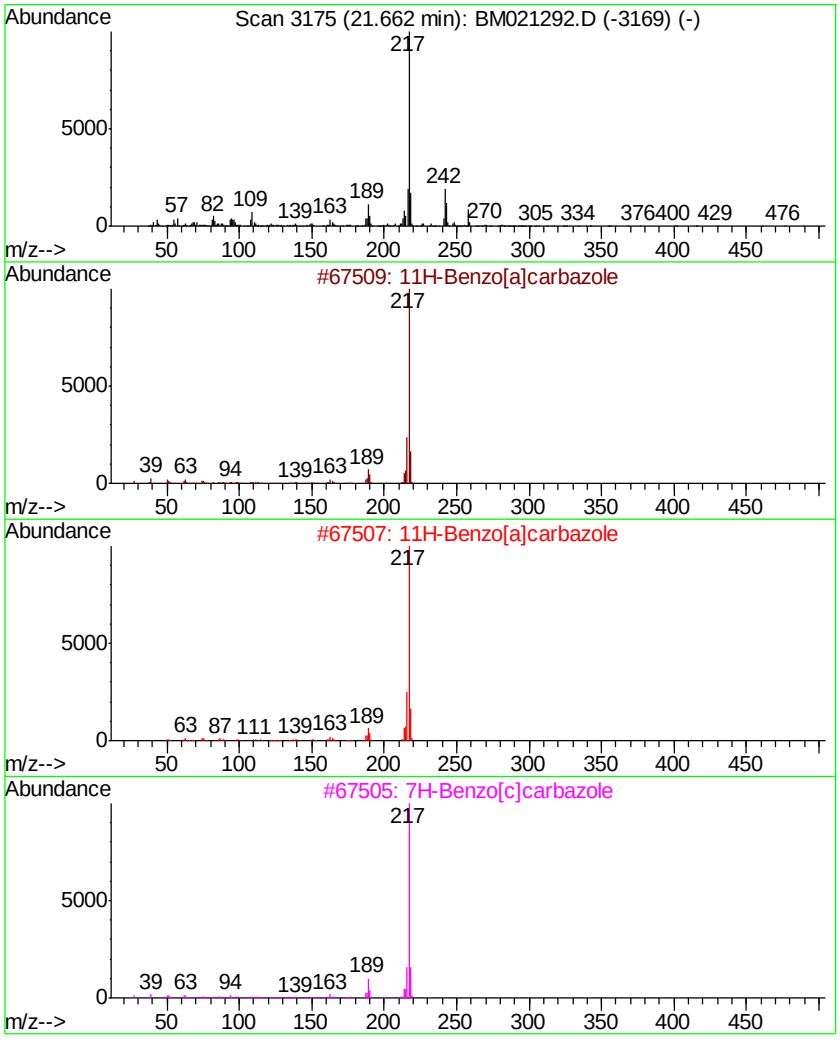
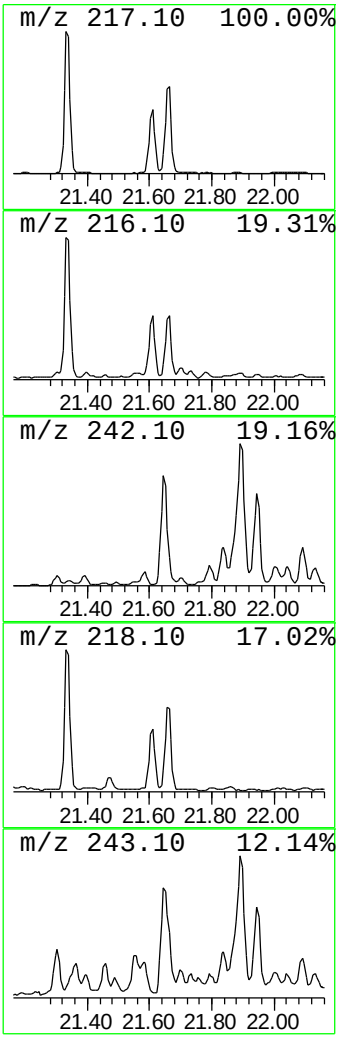
Peak Number 29 11H-Benzo[a]carbazole Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.33 ng/ul	2464460	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	83
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	78
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	64
5	1-Aminopyrene	217	C16H11N	001606-67-3	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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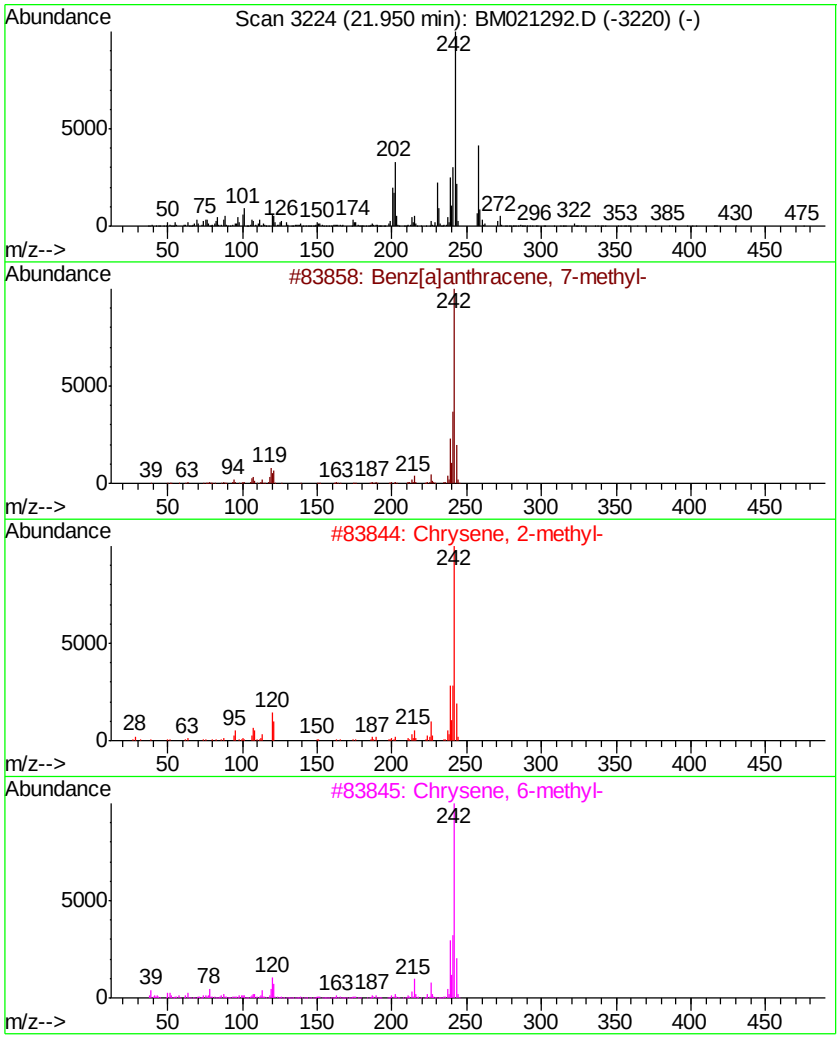
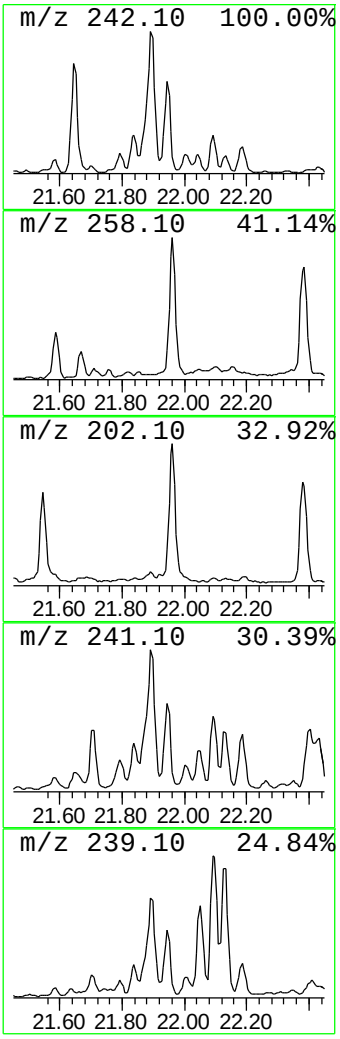
Peak Number 30 Benz[a]anthracene, 7-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.76 ng/ul	2917090	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	50
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	50
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	50
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	50





Library Search Compound Report

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Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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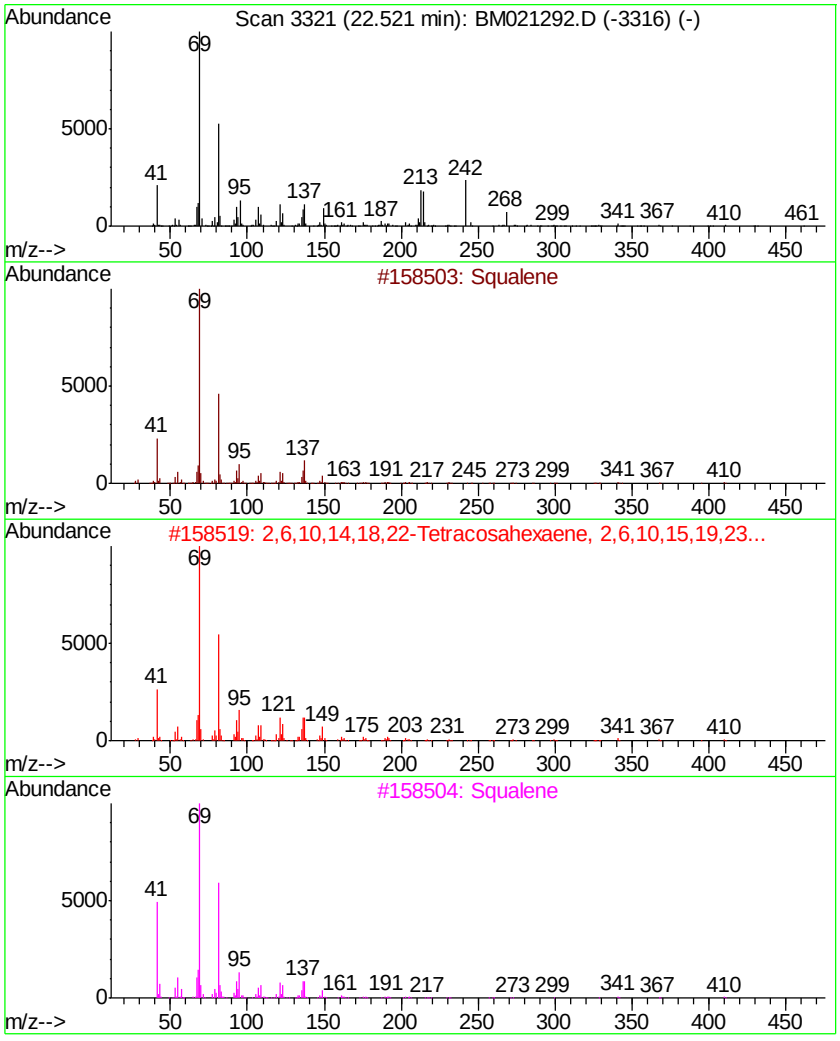
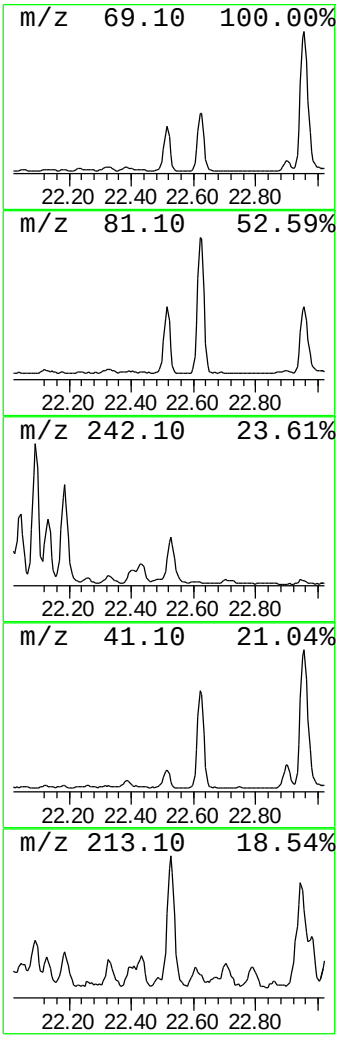
Peak Number 31 Squalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	4.85 ng/ul	990379	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	92
3	Squalene	410	C30H50	007683-64-9	91
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	74
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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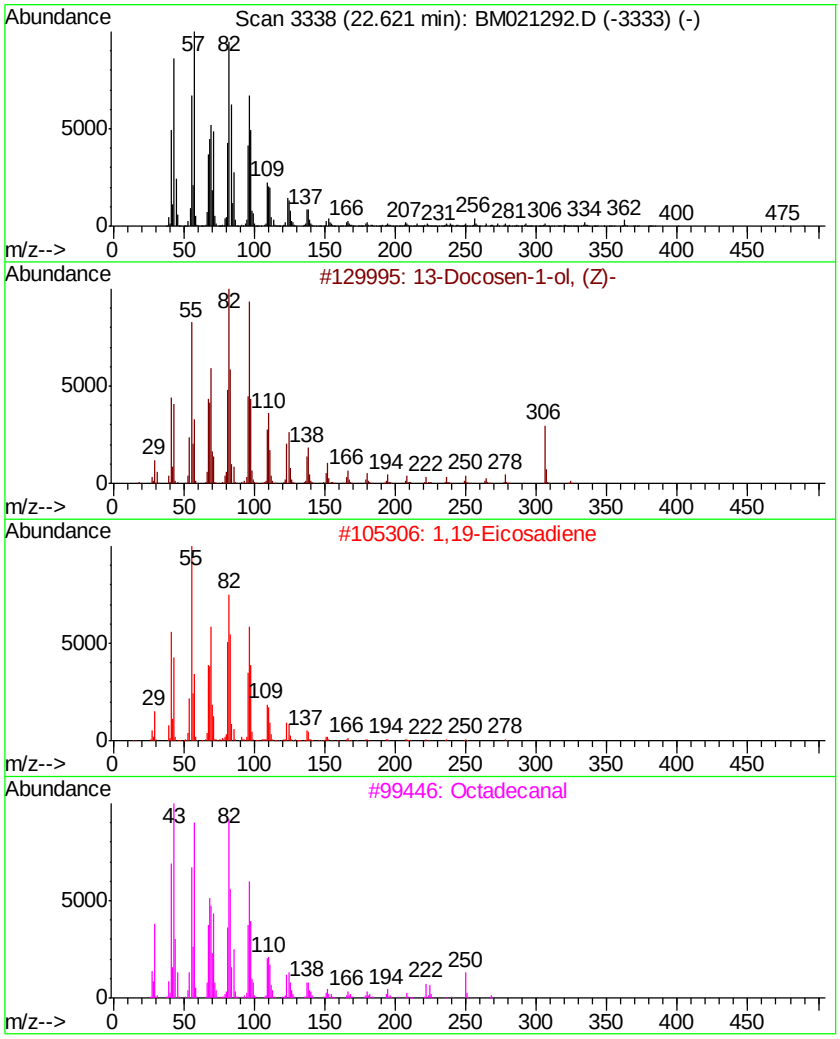
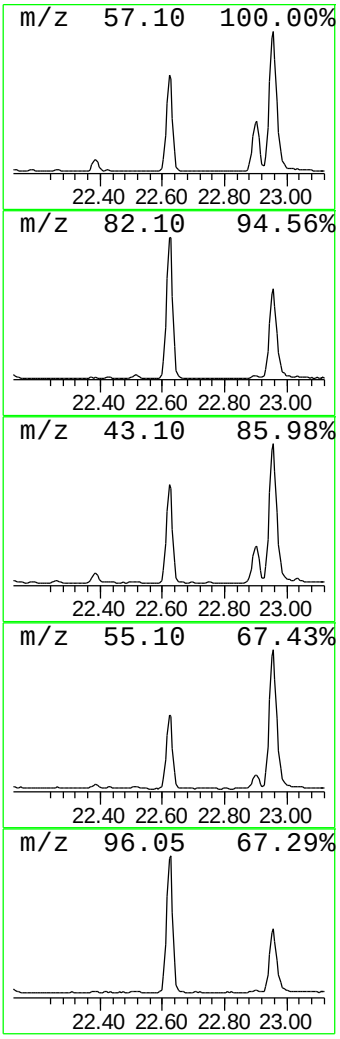
Peak Number 32 13-Docosen-1-ol, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	48.25 ng/ul	9851310	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2	1,19-Eicosadiene	278	C20H38	014811-95-1	95
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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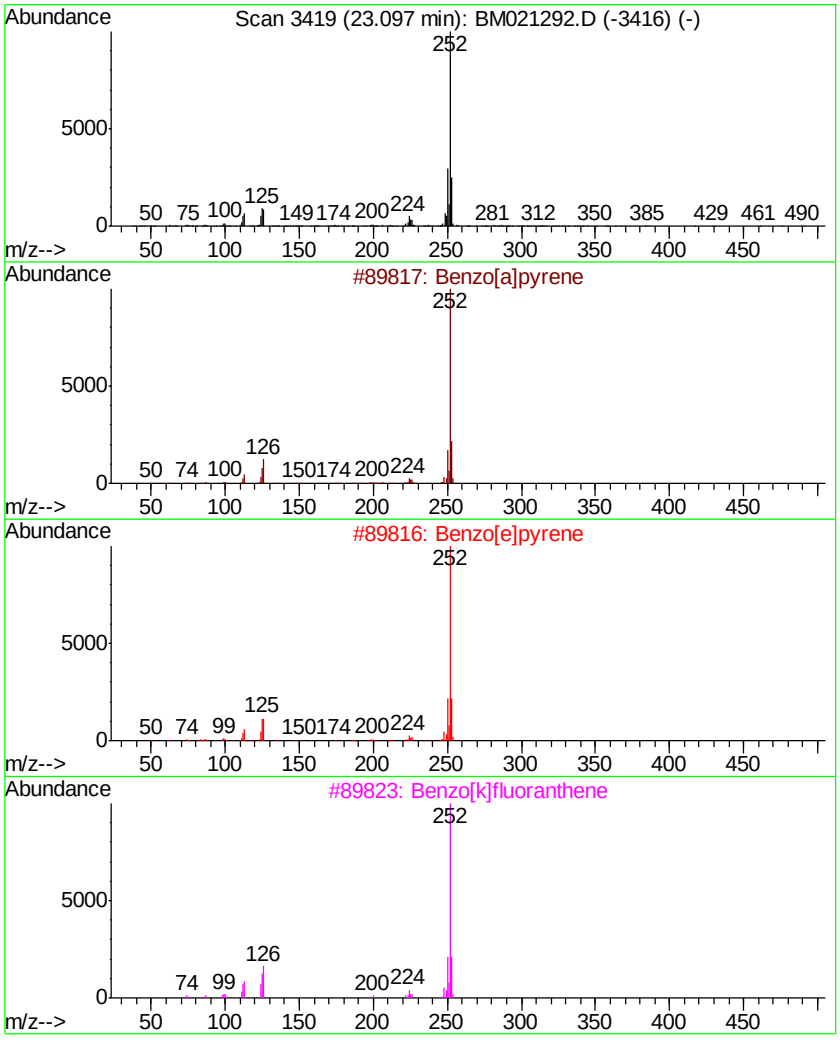
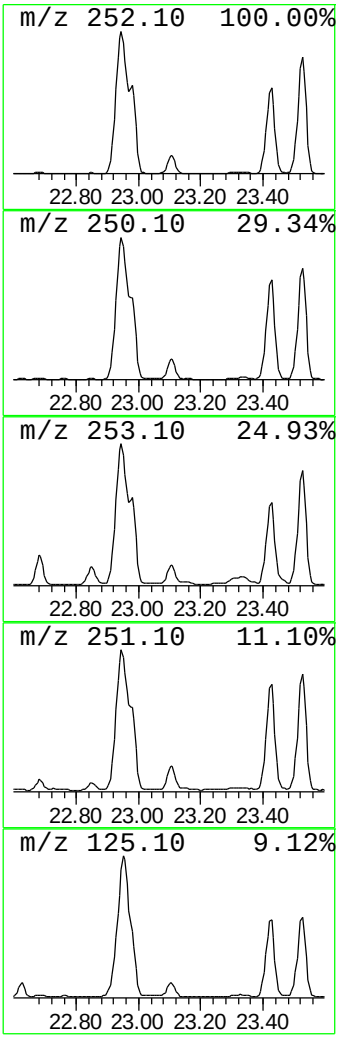
Peak Number 33 Benzo[a]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	9.51 ng/ul	1941890	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Library Search Compound Report

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Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

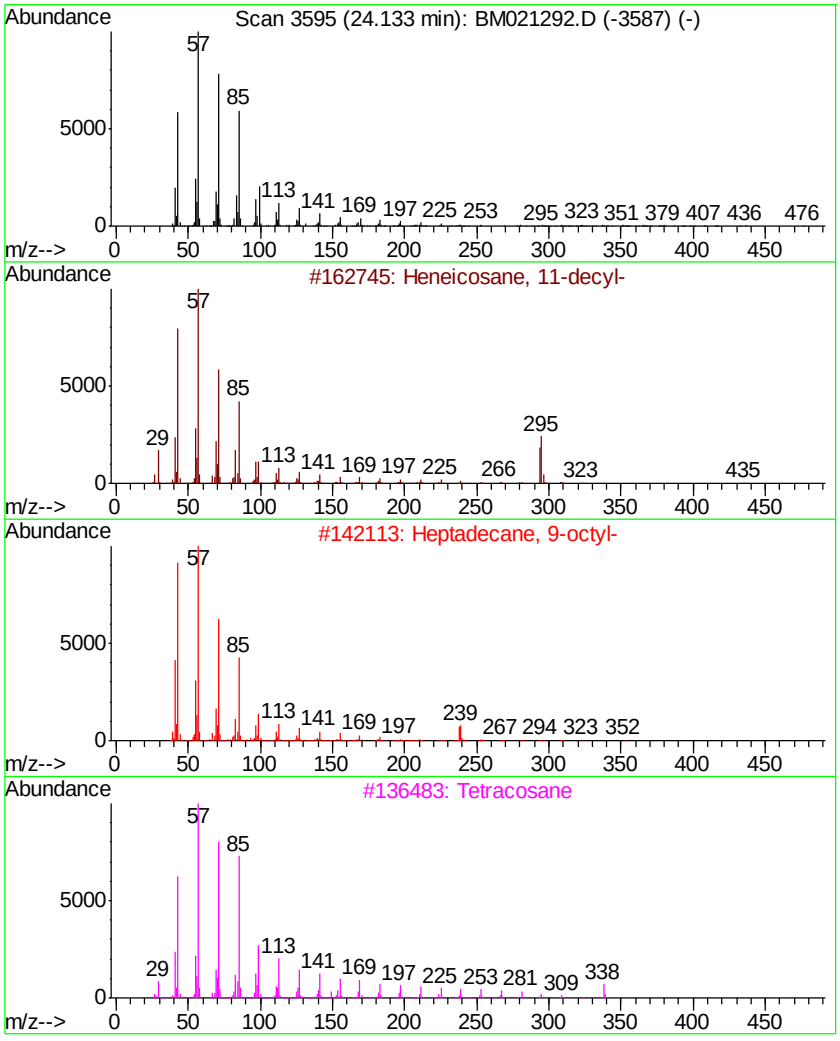
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

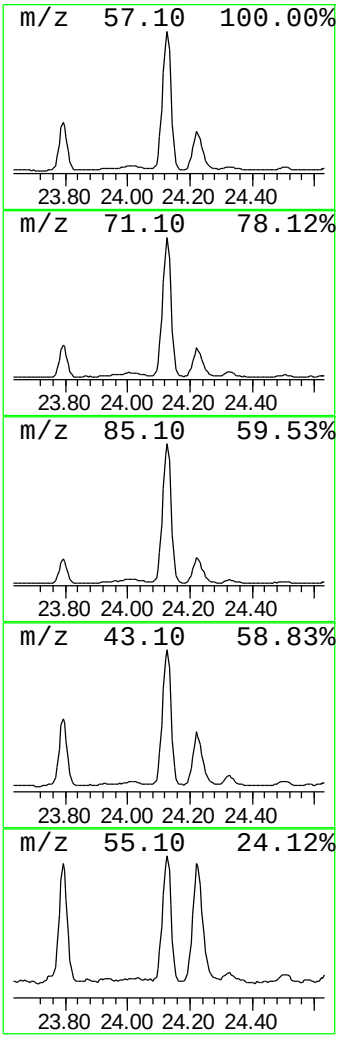
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	26.51 ng/ul	5412340	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Tetracosane	338	C24H50	000646-31-1	94
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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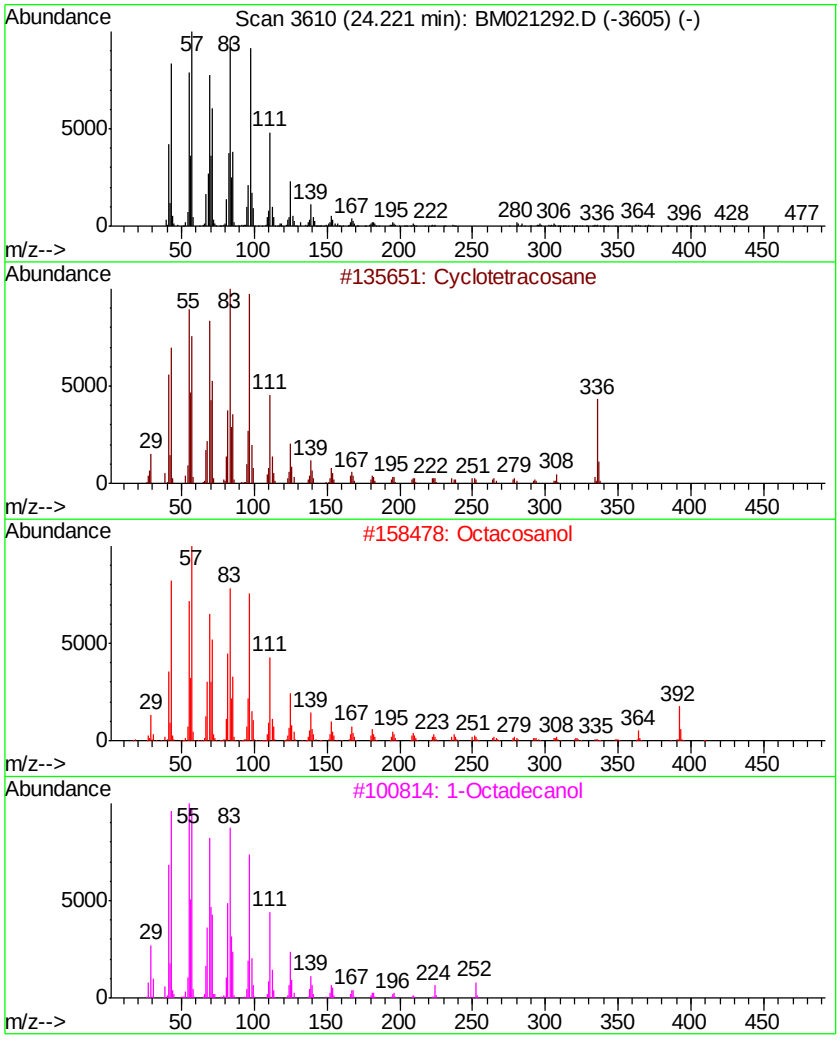
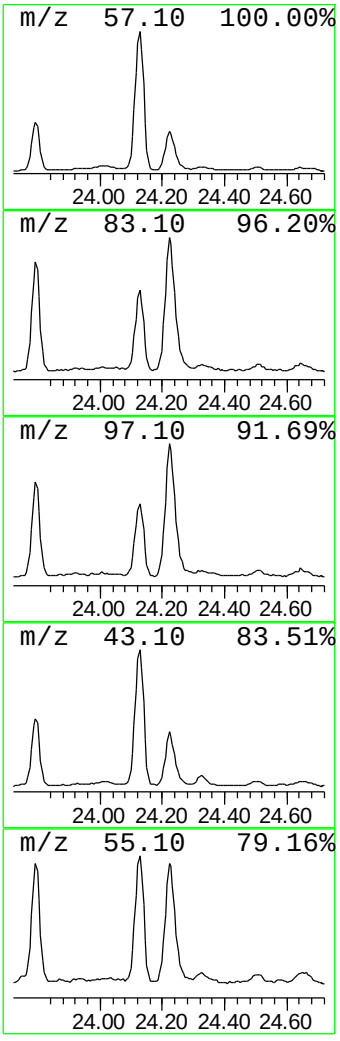
Peak Number 38 (DEL) Alkane: Cyclic24.22 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	14.14 ng/ul	2887310	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Octacosanol	410	C28H58O	000557-61-9	90
3	1-Octadecanol	270	C18H38O	000112-92-5	83
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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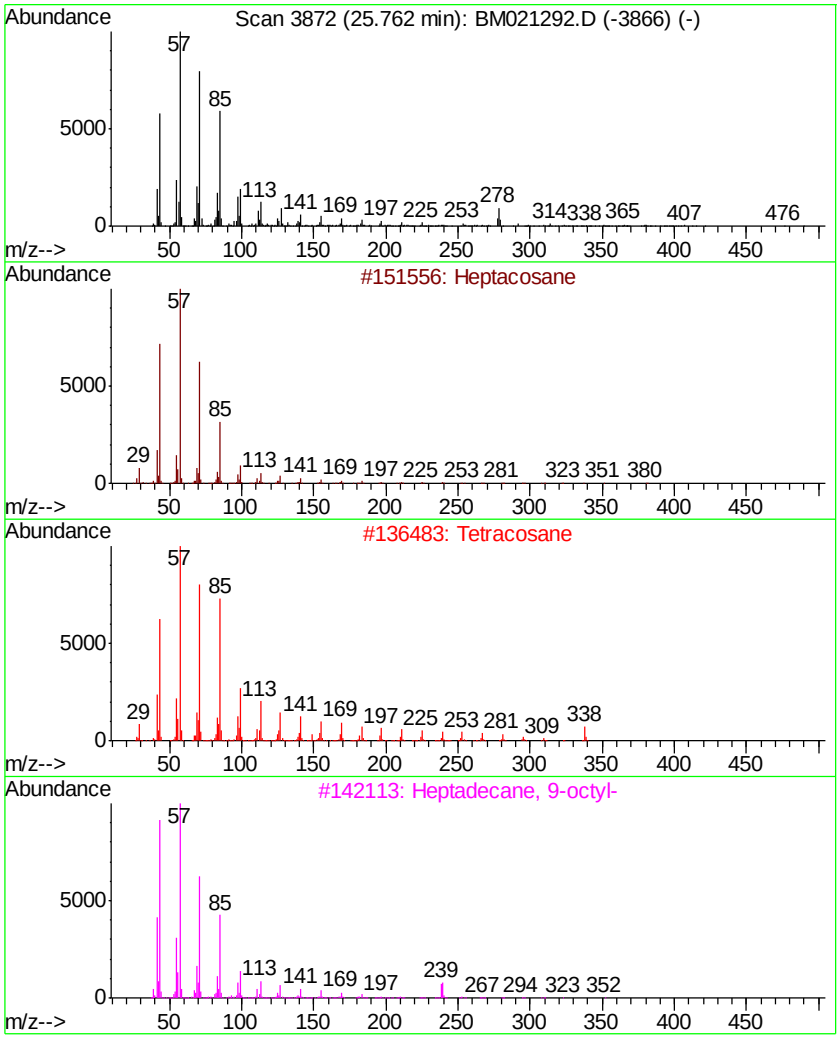
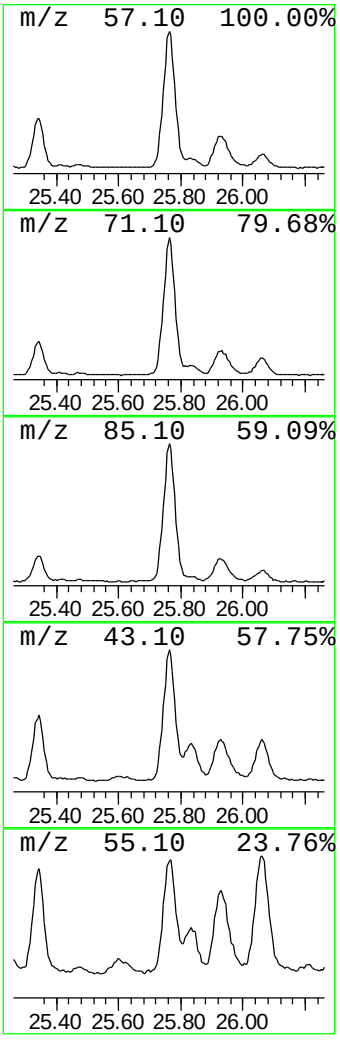
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	16.83 ng/ul	3437130	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Tetratriacontane	479	C34H70	014167-59-0	93
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	32.4	ng/ul	3033610	1	7.76	1870250	20.0
Tetradecanoic acid	16.55	2.7	ng/ul	588934	4	17.15	4326850	20.0
9H-Fluoren-9-one	16.80	3.2	ng/ul	694763	4	17.15	4326850	20.0
Anthracene, 1,2,3...	16.90	2.5	ng/ul	547799	4	17.15	4326850	20.0
Naphtho[2,3-b]thi...	16.97	3.8	ng/ul	811831	4	17.15	4326850	20.0
Pentadecanoic acid	17.04	6.1	ng/ul	1317960	4	17.15	4326850	20.0
unknown-01	17.86	2.6	ng/ul	565802	4	17.15	4326850	20.0
Oxacycloheptadeca...	17.94	31.4	ng/ul	6785380	4	17.15	4326850	20.0
Hexadecenoic acid...	18.02	81.1	ng/ul	17548900	4	17.15	4326850	20.0
n-Hexadecanoic acid	18.07	100.8	ng/ul	21817200	4	17.15	4326850	20.0
Anthracene, 1-met...	18.15	3.1	ng/ul	662721	4	17.15	4326850	20.0
4H-Cyclopenta[def...	18.22	14.0	ng/ul	3024130	4	17.15	4326850	20.0
1H-Indene, 3-phenyl-	18.26	5.8	ng/ul	1260150	4	17.15	4326850	20.0
unknown-02	18.34	6.9	ng/ul	1494210	4	17.15	4326850	20.0
2-Phenylnaphthalene	18.53	7.8	ng/ul	1698550	4	17.15	4326850	20.0
9,10-Anthracenedione	18.57	13.0	ng/ul	2812520	4	17.15	4326850	20.0
Phenanthrene, 2,5...	18.94	3.3	ng/ul	723361	4	17.15	4326850	20.0
Phytol	19.06	8.2	ng/ul	1769040	4	17.15	4326850	20.0
Cyclopenta(def)ph...	19.09	6.2	ng/ul	1337940	4	17.15	4326850	20.0
Octadecanoic acid	19.33	3.7	ng/ul	3952740	5	21.34	21111600	20.0
11H-Benzo[b]fluorene	20.07	3.8	ng/ul	3983750	5	21.34	21111600	20.0
Pyrene, 1-methyl-	20.23	2.6	ng/ul	2721360	5	21.34	21111600	20.0
11H-Benzo[a]fluor...	20.82	2.6	ng/ul	2781370	5	21.34	21111600	20.0
Benzo[b]naphtho[2...	20.98	3.1	ng/ul	3266610	5	21.34	21111600	20.0
Cyclopenta(cd)pyr...	21.02	2.1	ng/ul	2243020	5	21.34	21111600	20.0
11H-Benzo[a]carba...	21.66	2.3	ng/ul	2464460	5	21.34	21111600	20.0
Benz[a]anthracene...	21.95	2.8	ng/ul	2917090	5	21.34	21111600	20.0
Squalene	22.52	4.8	ng/ul	990379	6	23.61	4083800	20.0
13-Docosen-1-ol, ...	22.62	48.3	ng/ul	9851310	6	23.61	4083800	20.0
Benzo[a]pyrene	23.10	9.5	ng/ul	1941890	6	23.61	4083800	20.0
(DEL) Alkane: Str...	24.13	26.5	ng/ul	5412340	6	23.61	4083800	20.0
(DEL) Alkane: Cyc...	24.22	14.1	ng/ul	2887310	6	23.61	4083800	20.0
(DEL) Alkane: Str...	25.76	16.8	ng/ul	3437130	6	23.61	4083800	20.0