LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009616.D
Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

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_N\METHODS\SOM-EPA-BN020320MA.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	6.634	610	620	634	rBV	416424	713282	3.10%	0.299%
2	6.975	672	678	688	rBV	394146	641943	2.79%	0.269%
3	7.434	749	756	763	rBV	658118	1031524	4.48%	0.432%
4	8.575	945	950	962	rVV	386153	656359	2.85%	0.275%
5	9.822	1158	1162	1172	rVB	449223	775017	3.37%	0.325%
6	10.181	1216	1223	1230	rBV	880419	1497752	6.51%	0.627%
7	11.640	1463	1471	1475	rVV	433052	687073	2.99%	0.288%
8	11.710	1475	1483	1490	rVV2	269533	807560	3.51%	0.338%
9	12.916	1683	1688	1698	rVV	821738	1191415	5.18%	0.499%
10	13.498	1781	1787	1789	rVV	980258	1440761	6.26%	0.603%
11	13.522	1789	1791	1798	rVV2	781296	1281218	5.57%	0.537%
12	13.757	1826	1831	1833	rBV	947631	1345902	5.85%	0.564%
13	13.787	1833	1836	1848	rVB	1832078	2763641	12.01%	1.157%
14	14.004	1868	1873	1879	rBV	773444	1096208	4.76%	0.459%
15	14.069	1879	1884	1892	rVV2	1231971	1864479	8.10%	0.781%
16	14.310	1917	1925	1931	rBV2	360739	699649	3.04%	0.293%
17	14.563	1963	1968	1972	rVB	485570	680920	2.96%	0.285%
18	14.692	1984	1990	1996	rBV3	557815	1148312	4.99%	0.481%
19	14.963	2030	2036	2041	rVB2	651029	1110905	4.83%	0.465%
20	15.045	2042	2050	2051	rBV2	290153	610504	2.65%	0.256%
21	15.075	2051	2055	2060	rVB	1523580	2095765	9.11%	0.878%
22	15.228	2077	2081	2083	rVV	470301	635673	2.76%	0.266%
23	15.257	2083	2086	2094	rVV4	460185	722781	3.14%	0.303%
24	15.351	2094	2102	2110	rVB4	276469	1012326	4.40%	0.424%
25	15.833	2176	2184	2187	rBV2	610394	1267471	5.51%	0.531%
26	16.139	2230	2236	2241	rVV3	431548	978609	4.25%	0.410%
27	16.192	2241	2245	2250	rVV2	557317	839195	3.65%	0.351%
28	16.286	2258	2261	2268	rVB2	360192	646500	2.81%	0.271%
29	16.410	2278	2282	2286	rVB2	575333	856278	3.72%	0.359%
30	16.828	2348	2353	2357	rBV	1490945	1998787	8.69%	0.837%
31	16.869	2357	2360	2364	rVV	665390	874948	3.80%	0.366%
32	16.928	2365	2370	2373	rVV2	1225224	1870947	8.13%	0.784%
33	16.963	2373	2376	2381	rVB	1042255	1293843	5.62%	0.542%
34	17.028	2381	2387	2392	rBV3	698176	1362973	5.92%	0.571%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

35	17.357	2439	2443	2447	rVV2	911161	1149785	5.00%	0.482%
36	17.522	2467	2471	2476	rBV2	552048	784491	3.41%	0.329%
37	17.704	2498	2502	2506	rVV	1854811	2572725	11.18%	1.078%
38	17.757	2506	2511	2519	rVB	2085622	2956944	12.85%	1.238%
39	17.833	2519	2524	2529	rBV	1071304	1554700	6.76%	0.651%
40	17.898	2529	2535	2539	rVV2	4283067	7167569	31.15%	3.002%
41	17.933	2539	2541	2552	rVB	1600231	2249302	9.78%	0.942%
42	18.027	2552	2557	2561	rBV	472135	743766	3.23%	0.312%
43	18.216	2584	2589	2595	rVB	2038840	2972985	12.92%	1.245%
44	18.339	2606	2610	2622	rVB4	282006	769577	3.34%	0.322%
45	18.463	2628	2631	2635	rVV2	822962	1147791	4.99%	0.481%
46	18.516	2636	2640	2644	rVV	1050211	1336754	5.81%	0.560%
47	18.557	2644	2647	2651	rVB	795694	1004129	4.36%	0.421%
48	18.639	2656	2661	2666	rBV2	2665234	4492121	19.52%	1.881%
49	18.704	2666	2672	2675	rVV2	1855023	3437283	14.94%	1.440%
50	18.733	2675	2677	2681	rVB	1387444	1424633	6.19%	0.597%
51	18.780	2681	2685	2693	rBV3	1624436	3687890	16.03%	1.545%
52	18.904	2699	2706	2714	rBV	8759821	12177148	52.92%	5.100%
53	18.974	2714	2718	2721	rVV	1212649	1707083	7.42%	0.715%
54	19.010	2721	2724	2728	rVV2	802907	1440669	6.26%	0.603%
55	19.057	2728	2732	2736	rVV	3078433	4093993	17.79%	1.715%
56	19.174	2744	2752	2758	rVB2	878366	1723636	7.49%	0.722%
57	19.274	2758	2769	2777	rBV	14547222	23010135	100.00%	9.637%
58	19.357	2778	2783	2788	rVB2	659958	1018293	4.43%	0.426%
59	19.445	2795	2798	2801	rVV2	511611	693523	3.01%	0.290%
60	19.510	2805	2809	2816	rVB4	585863	1092289	4.75%	0.457%
61	19.604	2820	2825	2835	rVV3	2194978	4355430	18.93%	1.824%
62	19.686	2835	2839	2842	rVV2	434031	648500	2.82%	0.272%
63	19.745	2842	2849	2851	rVV4	2150033	4465016	19.40%	1.870%
64	19.774	2851	2854	2858	rVB2	3847141	4896902	21.28%	2.051%
65	19.874	2867	2871	2876	rVV	2927836	3852750	16.74%	1.614%
66	19.933	2876	2881	2885	rVV	3117309	4106632	17.85%	1.720%
67	20.027	2892	2897	2900	rBV4	441094	803105	3.49%	0.336%
68	20.069	2900	2904	2908	rVV	2371789	3199774	13.91%	1.340%
69	20.116	2908	2912	2917	rVB	2914343	3742079	16.26%	1.567%
70	20.374	2952	2956	2958	rVV2	691230	995487	4.33%	0.417%
71	20.404	2958	2961	2965	rVB2	542031	835720	3.63%	0.350%

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Instrument : BNA_N
ClientSampleId : GAT42

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
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Title : SVOA CALIBRATION

72	20.492	2970	2976	2979	rBV4	703850	1566948	6.81%	0.656%
73	20.657	3000	3004	3007	rBV3	570466	984075	4.28%	0.412%
74	20.727	3013	3016	3019	rVB	1732650	1786235	7.76%	0.748%
75	20.763	3019	3022	3024	rBV	595008	595781	2.59%	0.250%
76	21.033	3063	3068	3073	rBV2	7940762	13860585	60.24%	5.805%
77	21.086	3073	3077	3083	rVB	6510669	8707091	37.84%	3.647%
78	21.251	3102	3105	3110	rVB	1566499	1989291	8.65%	0.833%
79	21.533	3149	3153	3156	rBV	874134	1078782	4.69%	0.452%
80	21.586	3156	3162	3166	rVV	2938266	4643815	20.18%	1.945%
81	21.633	3166	3170	3176	rVV	1636284	2568225	11.16%	1.076%
82	21.698	3176	3181	3184	rVV2	1073923	2102870	9.14%	0.881%
83	21.727	3184	3186	3189	rVV	1105565	1327256	5.77%	0.556%
84	21.768	3189	3193	3195	rVV3	1524744	2116507	9.20%	0.886%
85	21.798	3195	3198	3203	rVV2	1948588	2718761	11.82%	1.139%
86	21.868	3206	3210	3215	rVB2	727601	1027081	4.46%	0.430%
87	22.304	3280	3284	3289	rVB4	337542	636496	2.77%	0.267%
88	22.380	3294	3297	3315	rVB3	552263	1625311	7.06%	0.681%
89	22.551	3319	3326	3336	rVB2	2756501	8132291	35.34%	3.406%
90	22.704	3346	3352	3357	rBV	1191291	2082280	9.05%	0.872%
91	22.986	3394	3400	3404	rBV	1829618	3190637	13.87%	1.336%
92	23.027	3404	3407	3410	rVV	938766	1516077	6.59%	0.635%
93	23.080	3410	3416	3421	rVV	3906012	6693920	29.09%	2.804%
94	23.163	3425	3430	3434	rVV	1189501	2111834	9.18%	0.884%
95	23.210	3434	3438	3446	rVB3	572926	1240656	5.39%	0.520%
96	23.404	3466	3471	3475	rBV2	339993	840012	3.65%	0.352%
97	23.962	3561	3566	3572	rBV	509672	949925	4.13%	0.398%
98	25.227	3774	3781	3791	rVB	1194606	3031159	13.17%	1.270%
99	25.456	3815	3820	3828	rVB	370977	844556	3.67%	0.354%
100	25.851	3880	3887	3898	rVB2	709078	1984154	8.62%	0.831%

Sum of corrected areas: 238763740

LSC Report - Integrated Chromatogram

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Misc :
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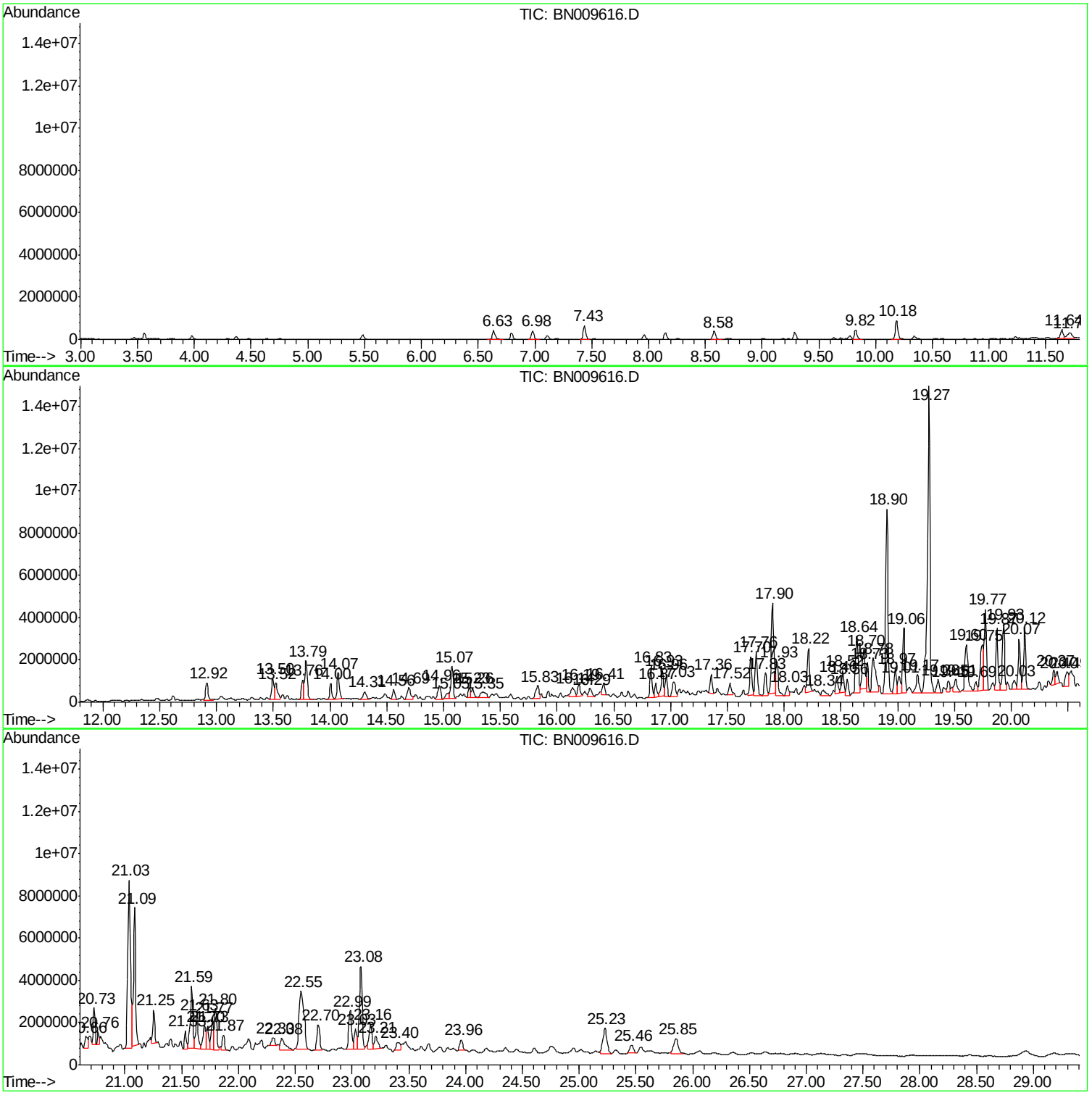
Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

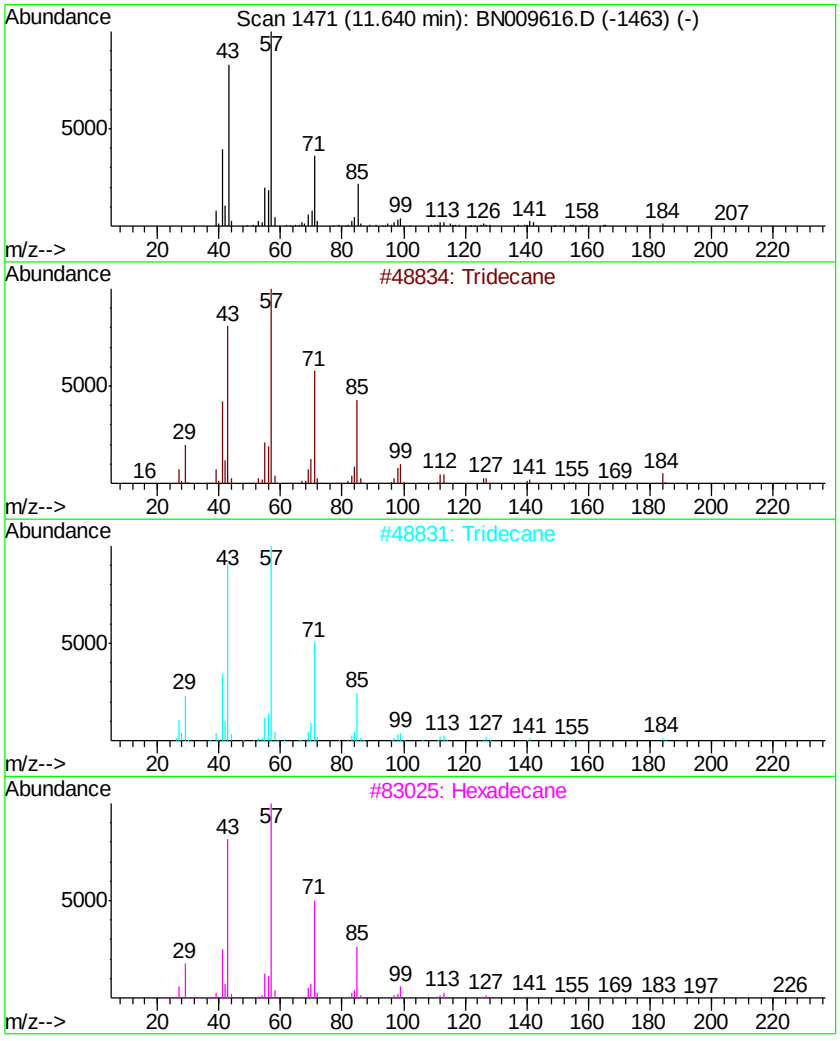
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

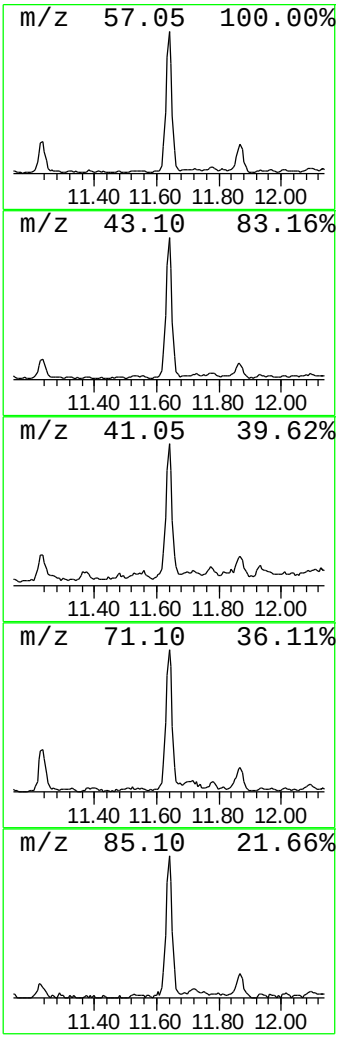
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	9.17 ng/ul	687073	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Hexadecane	226	C16H34	000544-76-3	83
4	Decane	142	C10H22	000124-18-5	72
5	Tridecane	184	C13H28	000629-50-5	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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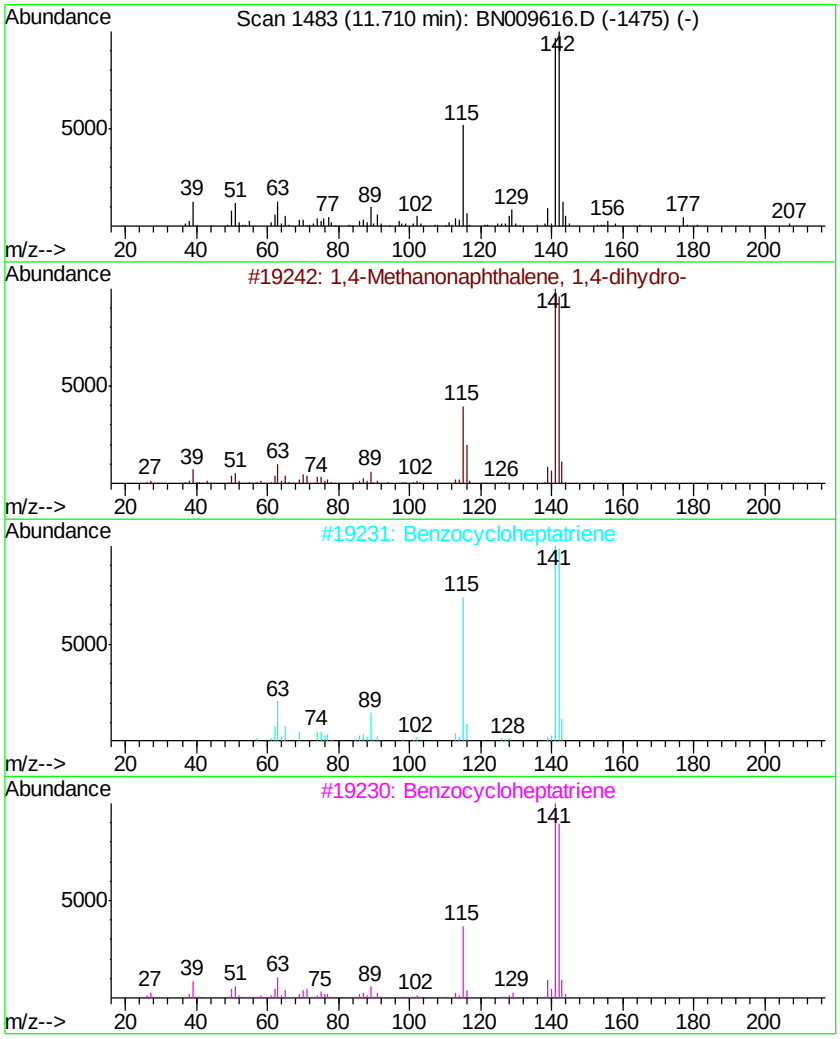
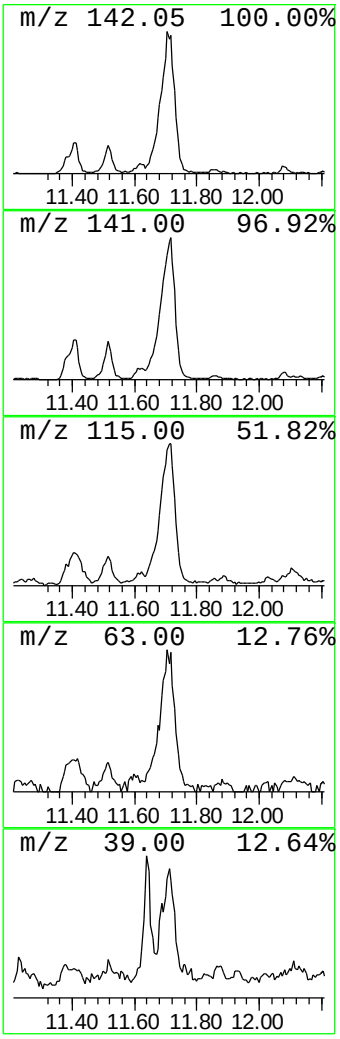
Peak Number 2 1,4-Methanonaphthalene, 1,4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	10.78 ng/ul	807560	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
2	Benzocycloheptatriene	142	C11H10	000264-09-5	93
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





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Quant Title : SVOA CALIBRATION

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

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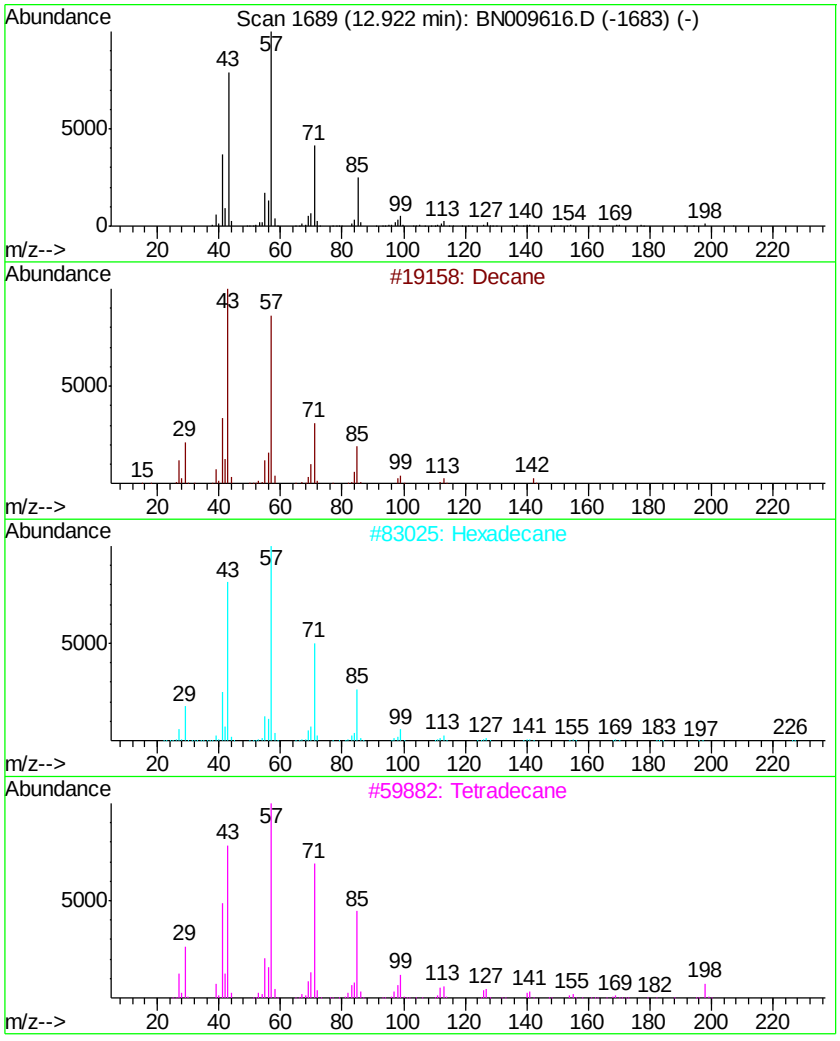
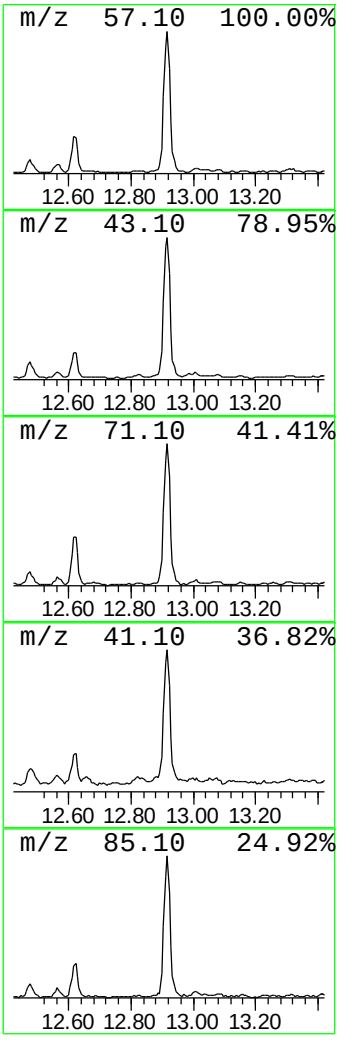
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	12.78 ng/ul	1191420	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	89
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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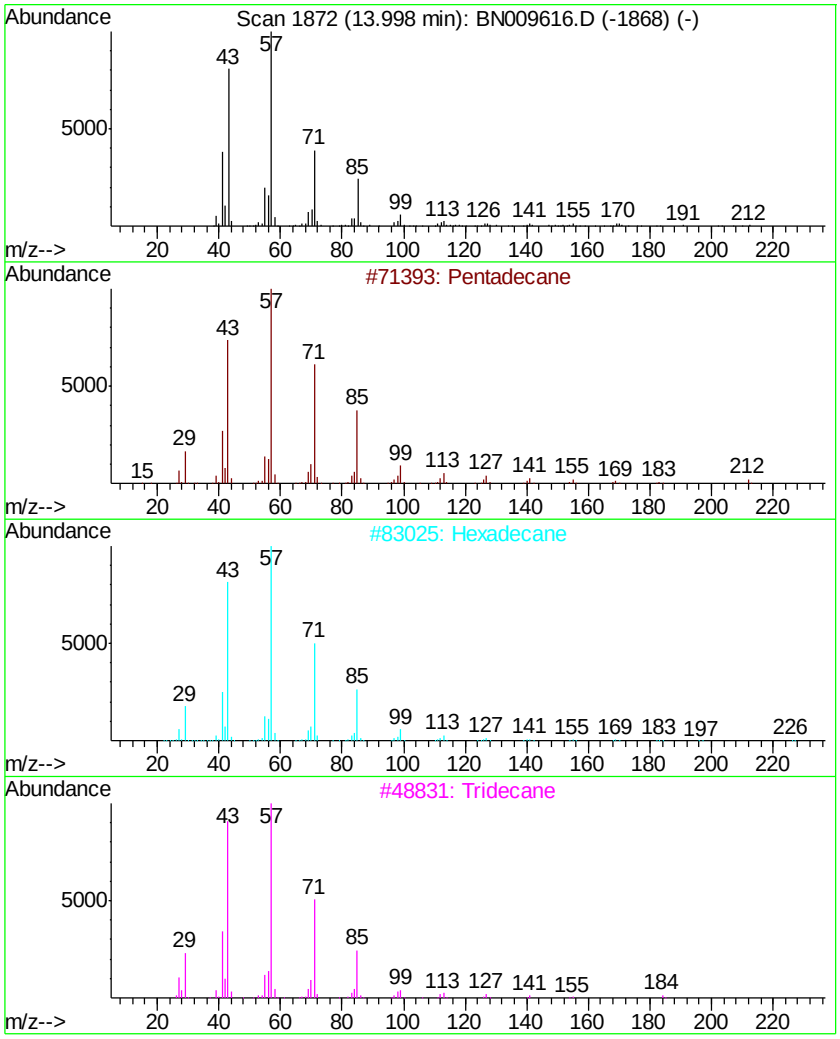
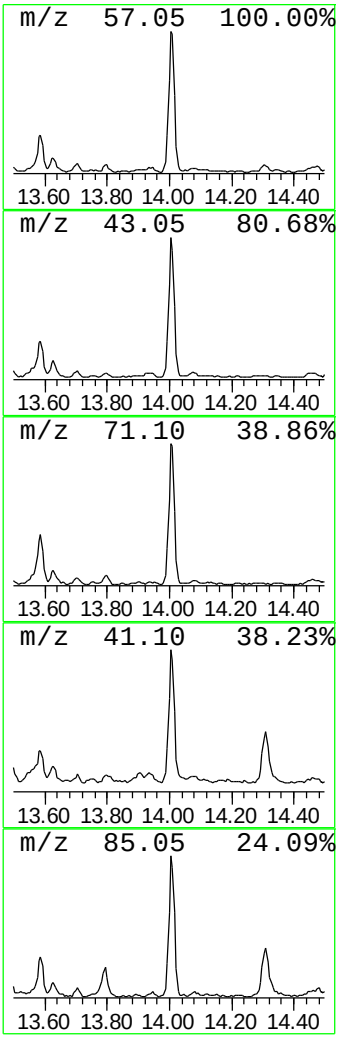
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	11.76 ng/ul	1096210	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane	170	C12H26	000112-40-3	83





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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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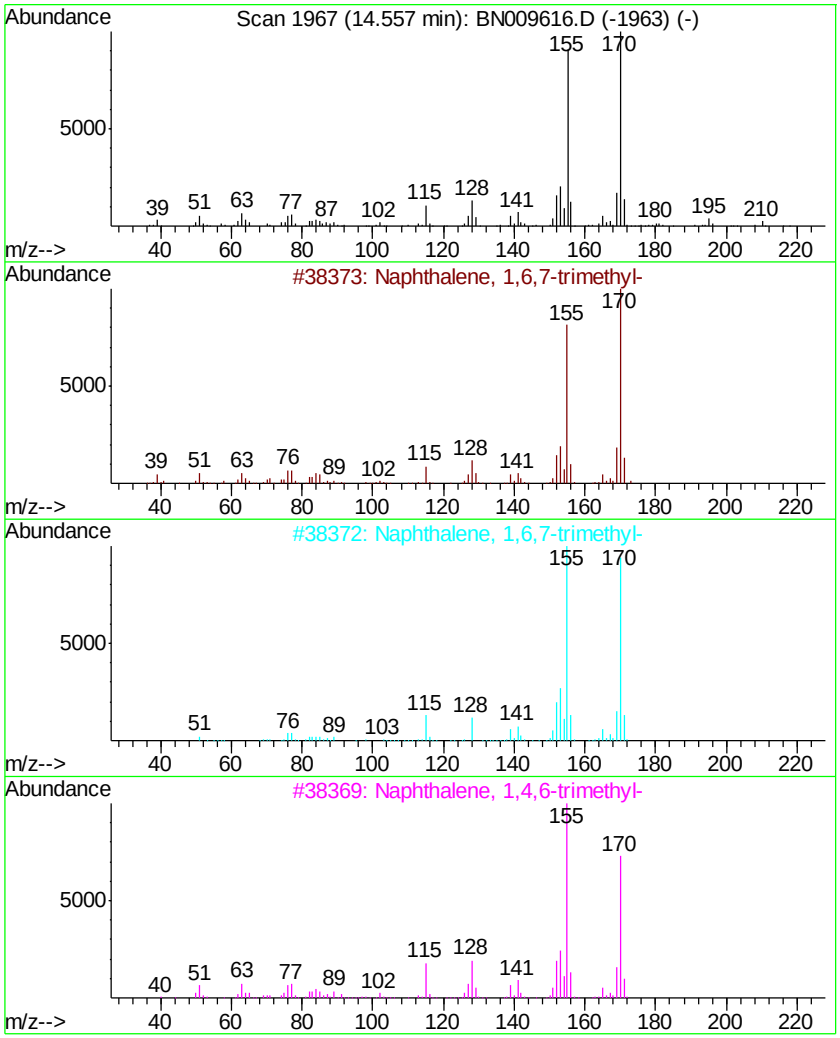
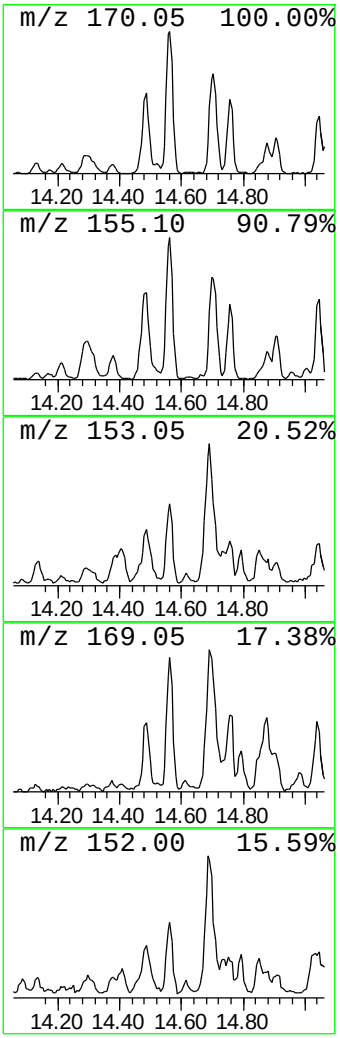
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.30 ng/ul	680920	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Sample : L1323-02
Misc :
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ClientSampleId : GAT42

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Quant Title : SVOA CALIBRATION

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

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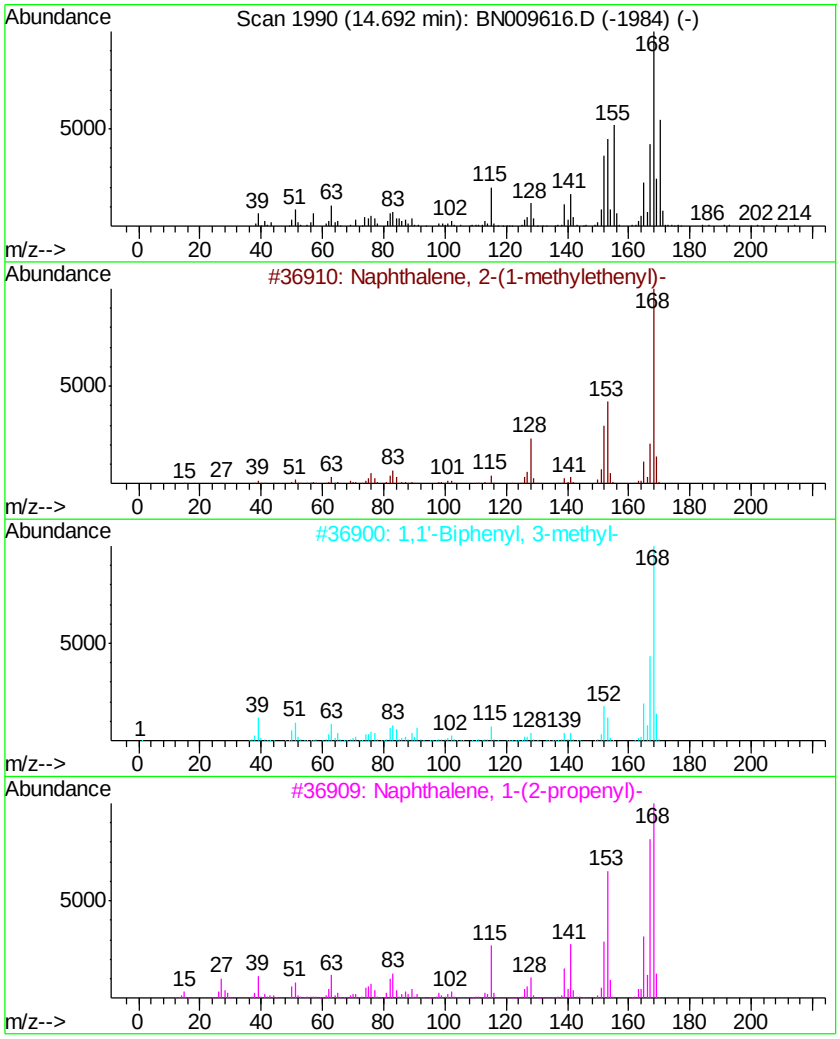
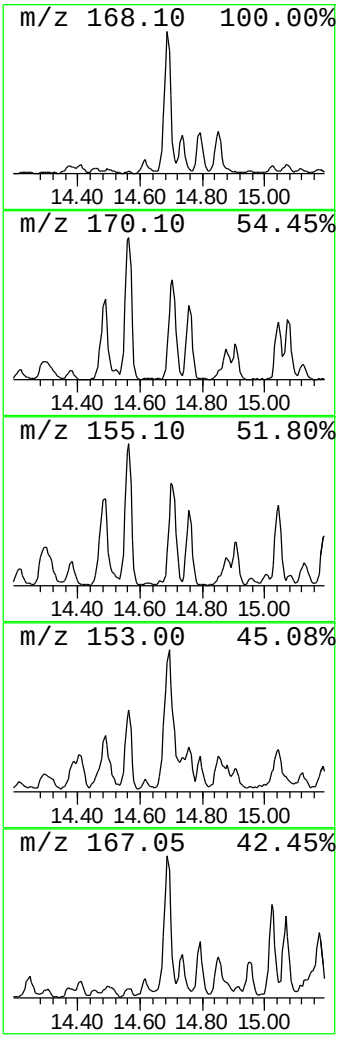
Peak Number 6 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	12.32 ng/ul	1148310	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38





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Quant Title : SVOA CALIBRATION

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

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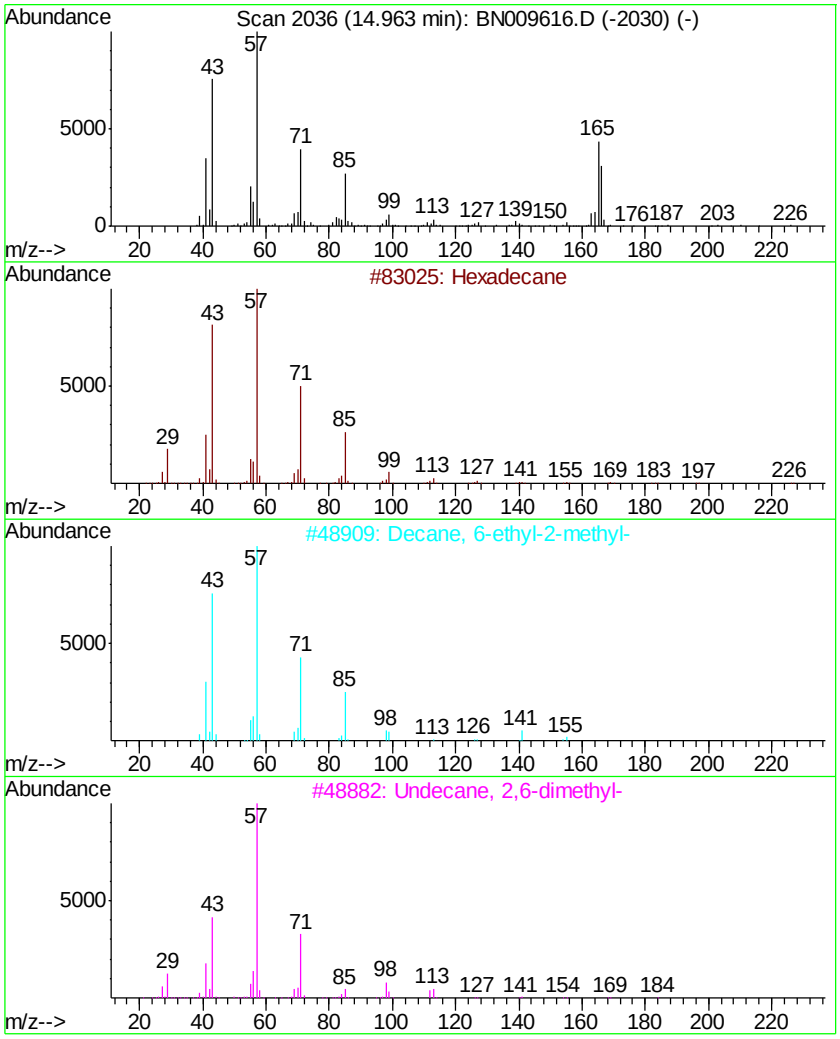
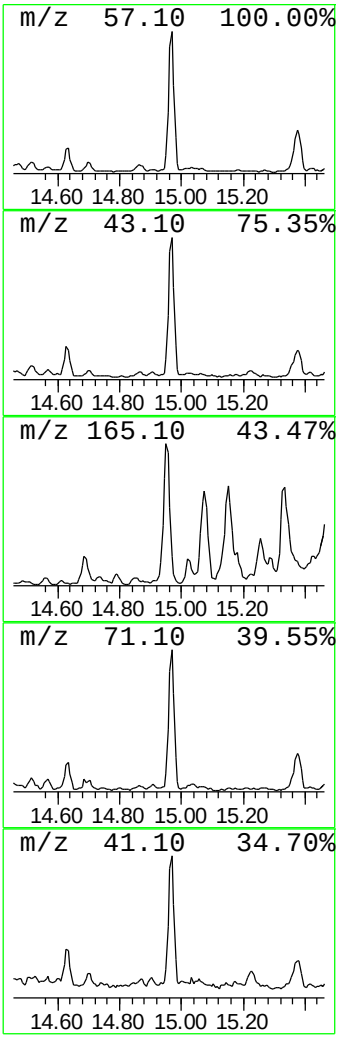
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	11.92 ng/ul	1110910	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
4	Tridecane	184	C13H28	000629-50-5	43
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	43





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Quant Title : SVOA CALIBRATION

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

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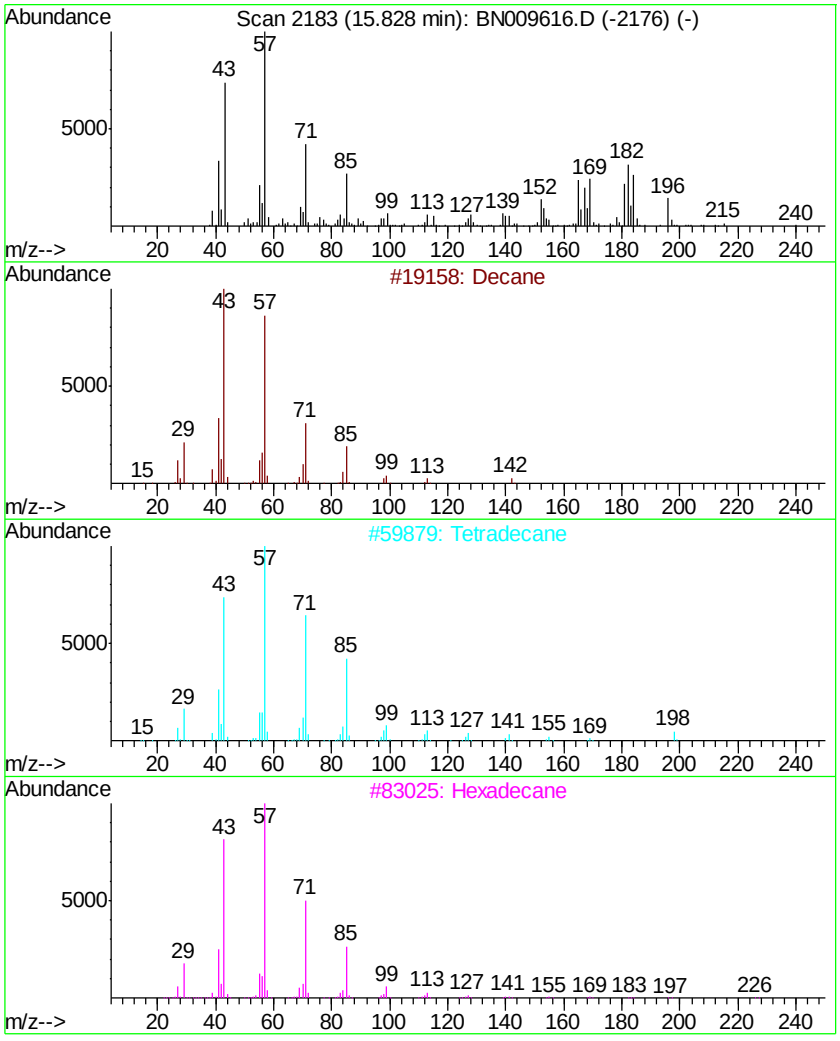
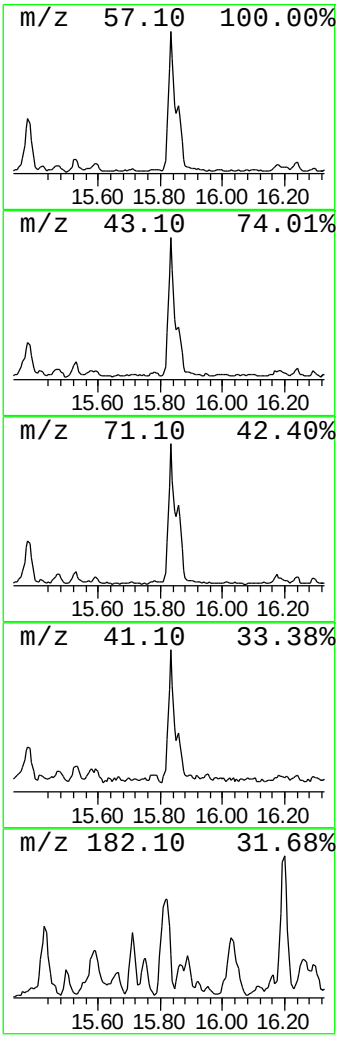
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	12.68 ng/ul	1267470	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	60
2	Tetradecane	198	C14H30	000629-59-4	53
3	Hexadecane	226	C16H34	000544-76-3	53
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	52
5	Tridecane	184	C13H28	000629-50-5	52





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Quant Title : SVOA CALIBRATION

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

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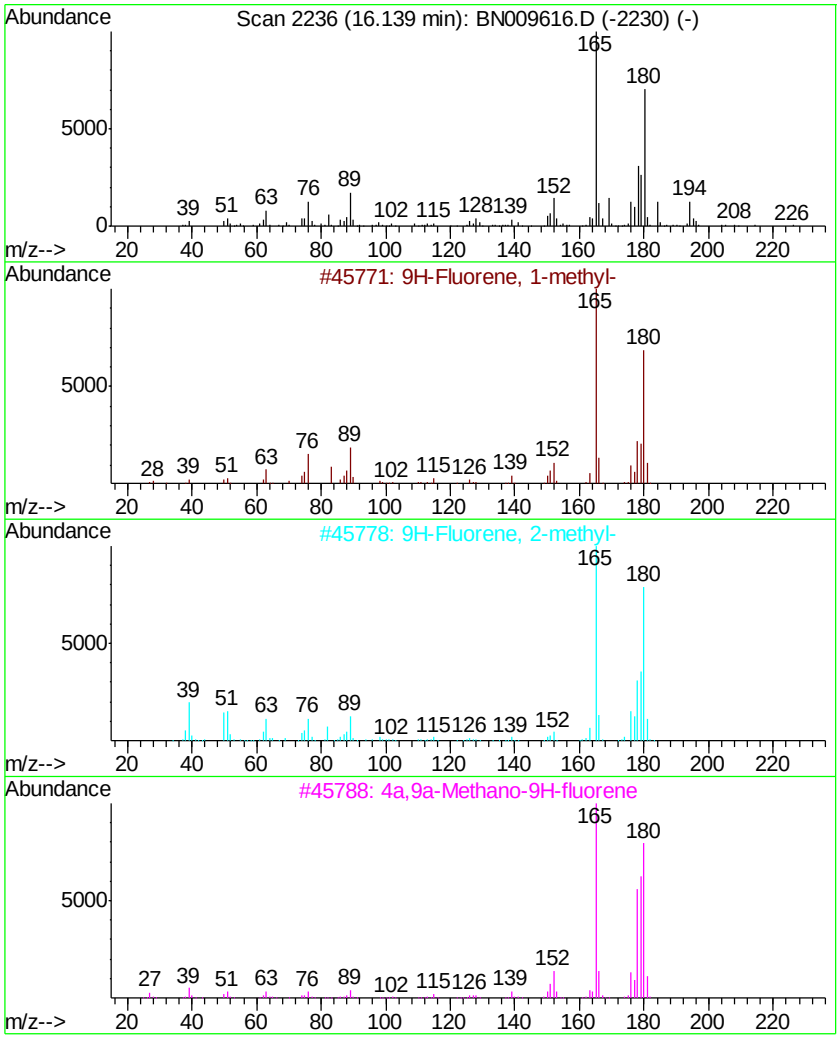
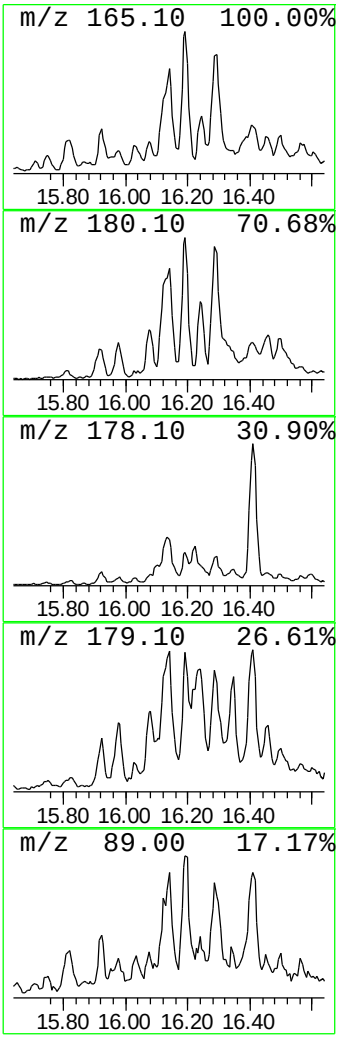
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	9.79 ng/ul	978609	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60





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Quant Title : SVOA CALIBRATION

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

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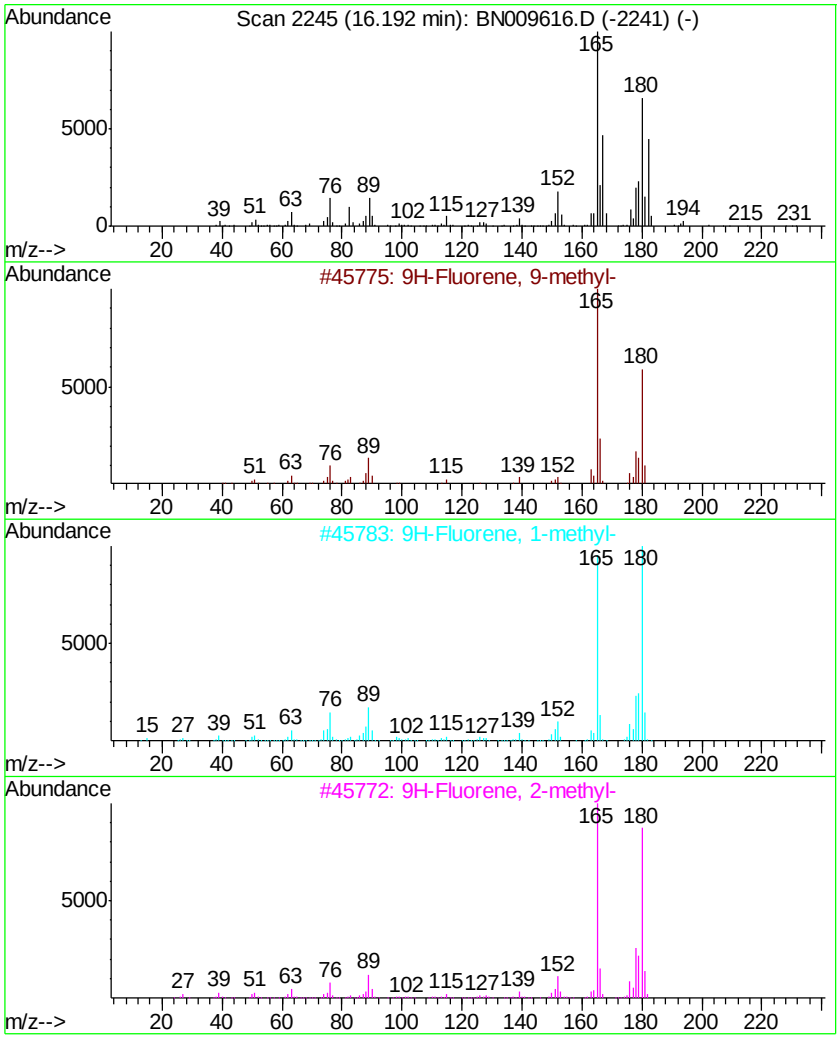
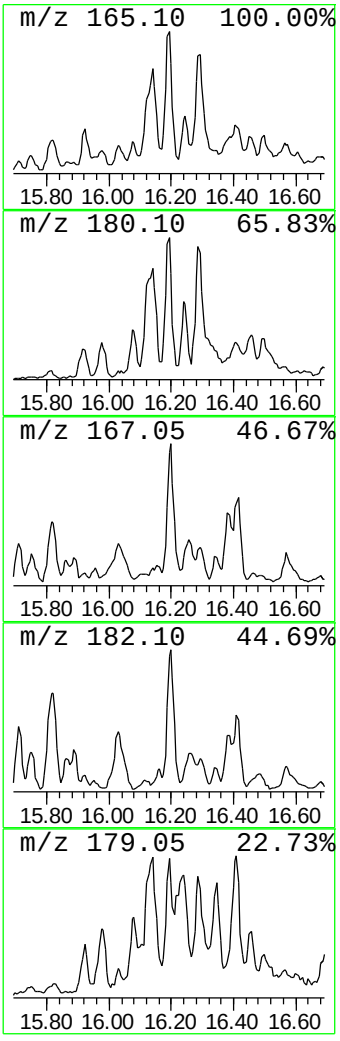
Peak Number 10 9H-Fluorene, 9-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	8.40 ng/ul	839195	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55





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Quant Title : SVOA CALIBRATION

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

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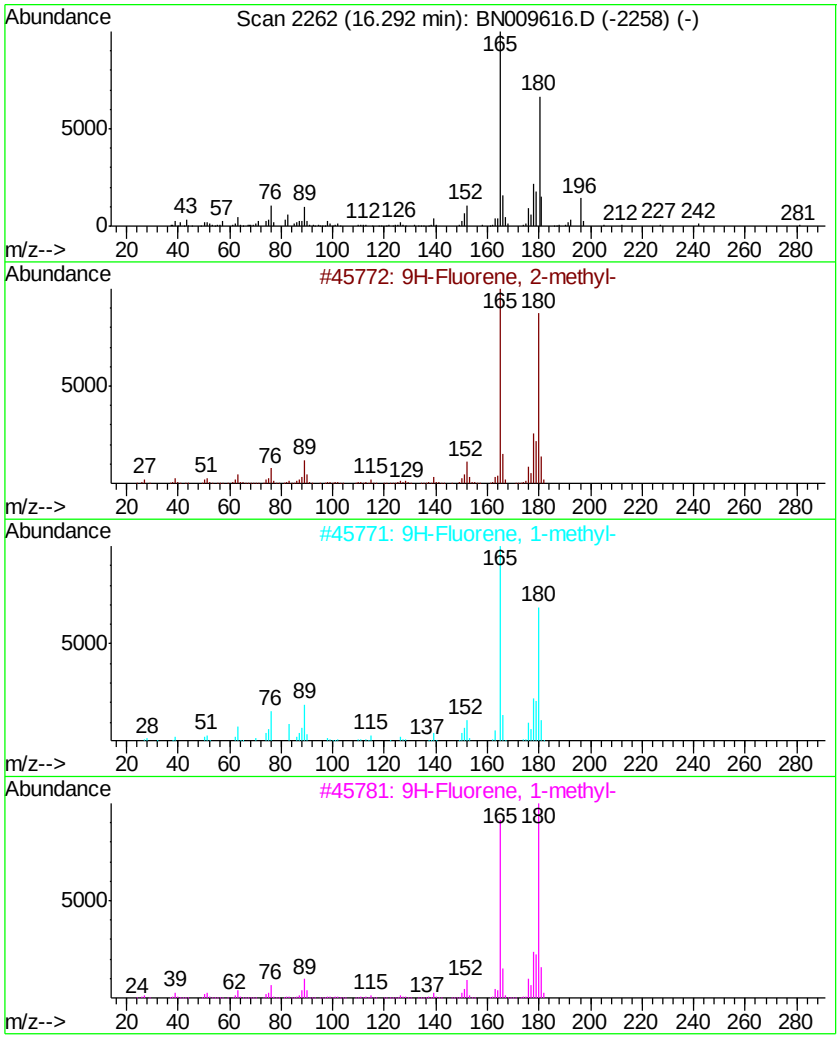
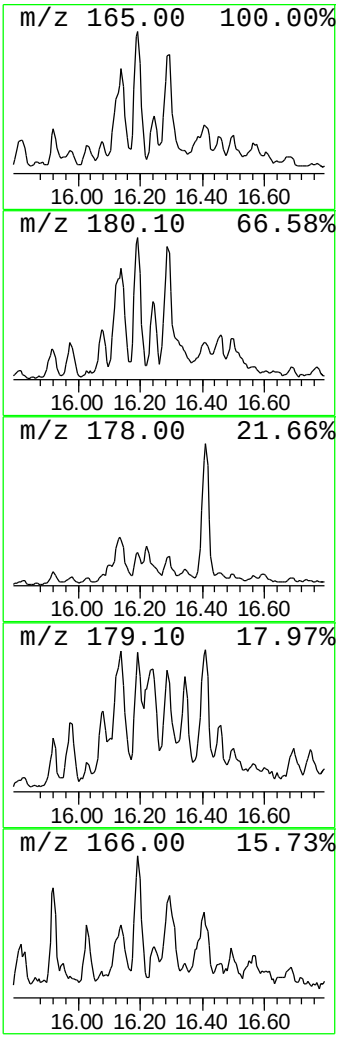
Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.47 ng/ul	646500	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





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Quant Title : SVOA CALIBRATION

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

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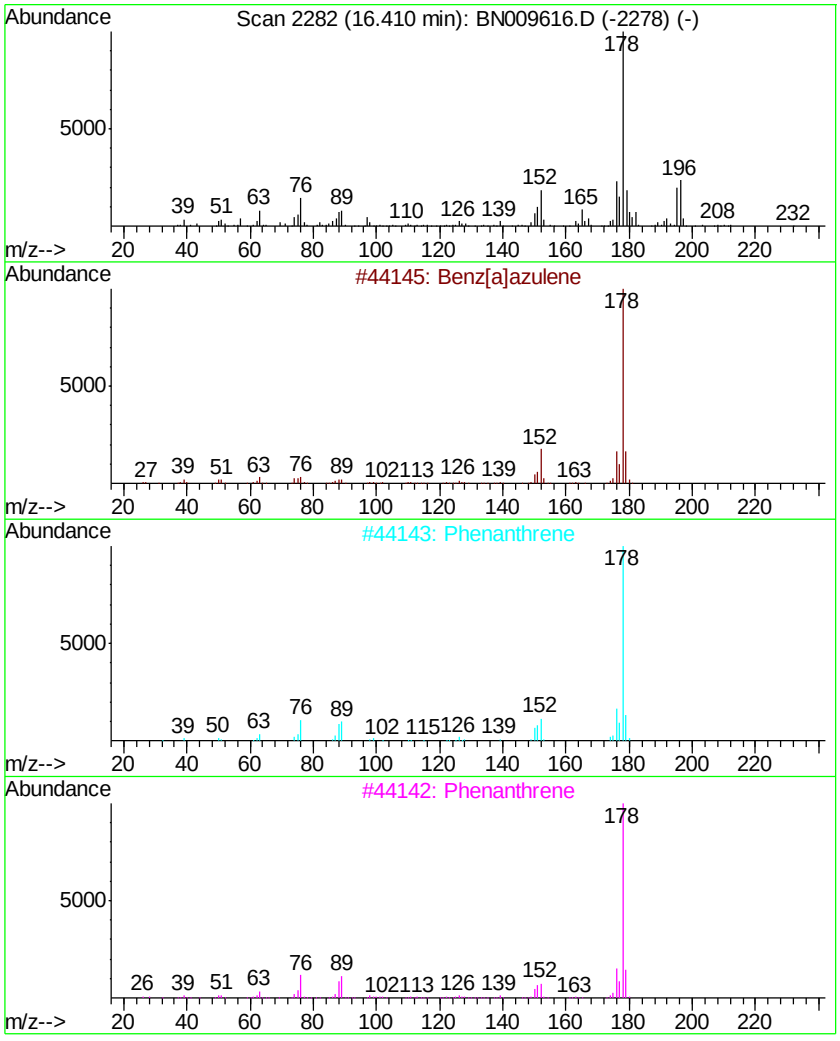
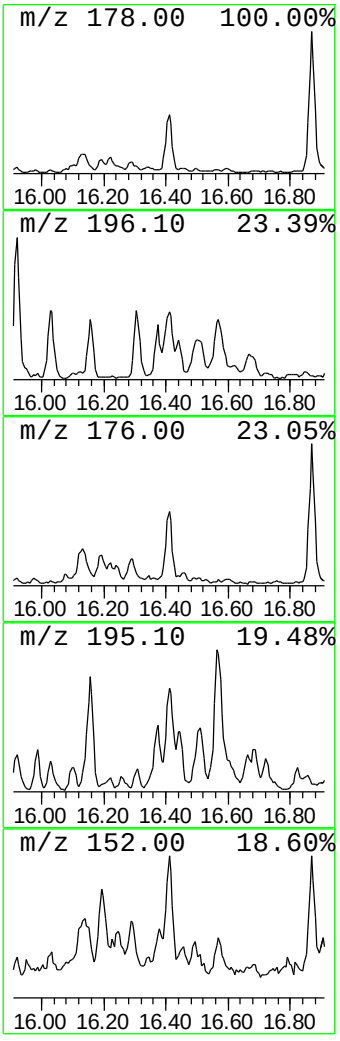
Peak Number 12 Benz[a]azulene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.57 ng/ul	856278	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]azulene	178	C14H10	000246-02-6	64
2	Phenanthrene	178	C14H10	000085-01-8	64
3	Phenanthrene	178	C14H10	000085-01-8	64
4	Diphenylacetylene	178	C14H10	000501-65-5	64
5	Phenanthrene	178	C14H10	000085-01-8	64





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Quant Title : SVOA CALIBRATION

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

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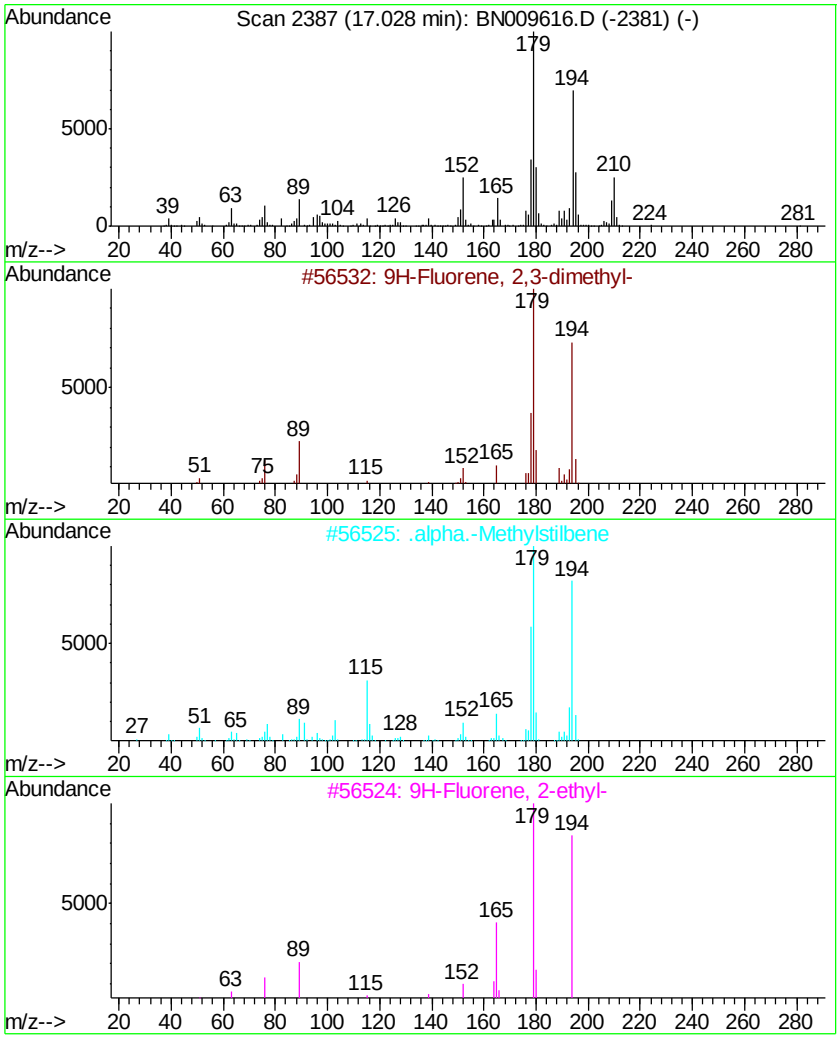
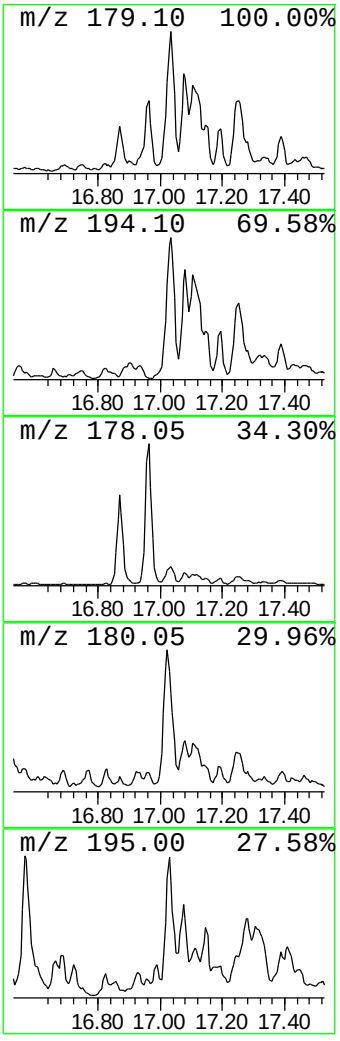
Peak Number 13 9H-Fluorene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	13.64 ng/ul	1362970	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	70
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	49
3	9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	46
4	N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	46
5	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	43





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Quant Title : SVOA CALIBRATION

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

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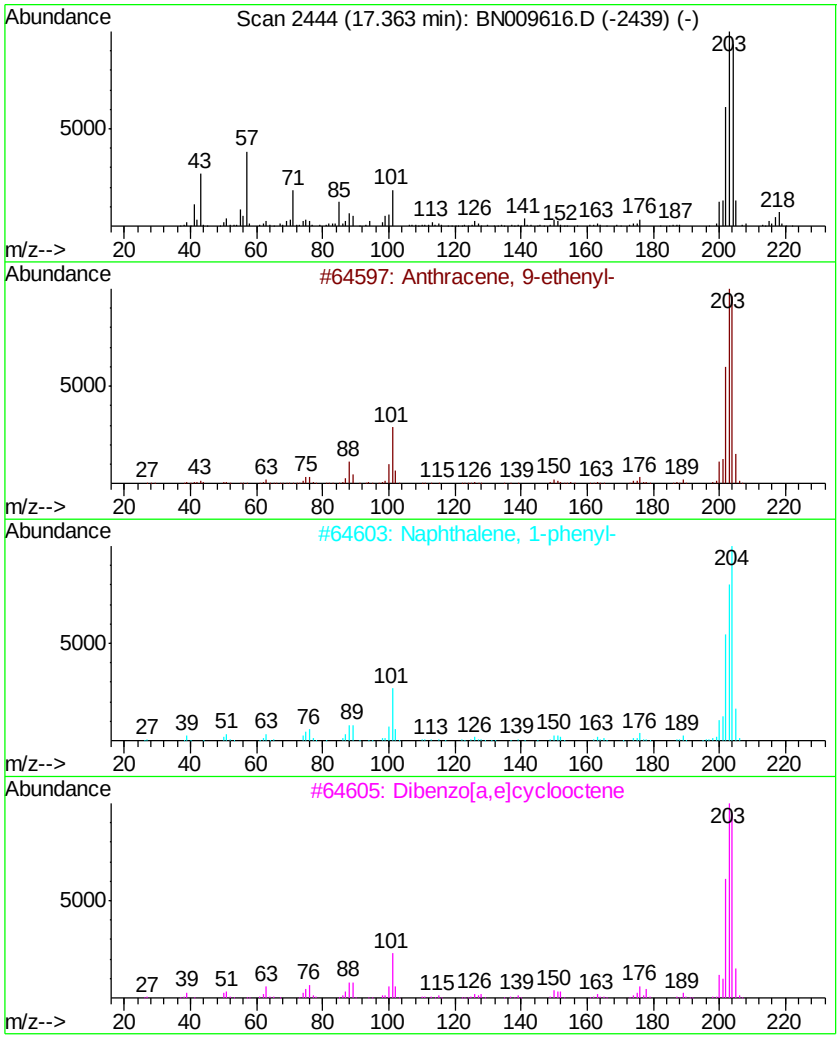
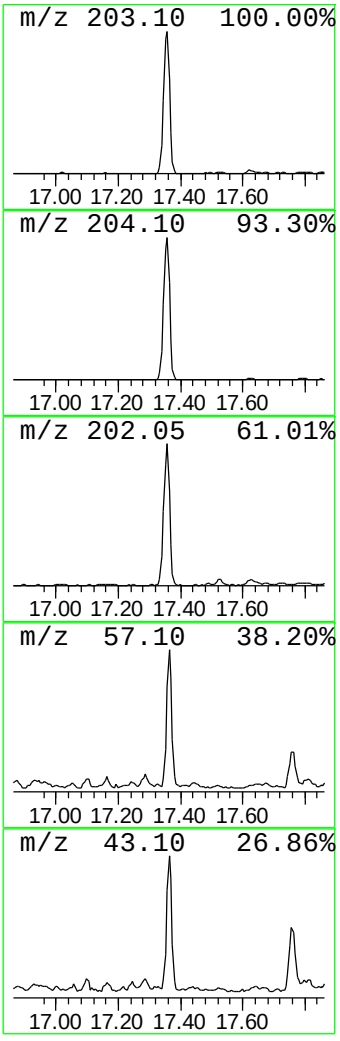
Peak Number 14 Anthracene, 9-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	11.50 ng/ul	1149790	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	68
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	64
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	62





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Quant Title : SVOA CALIBRATION

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

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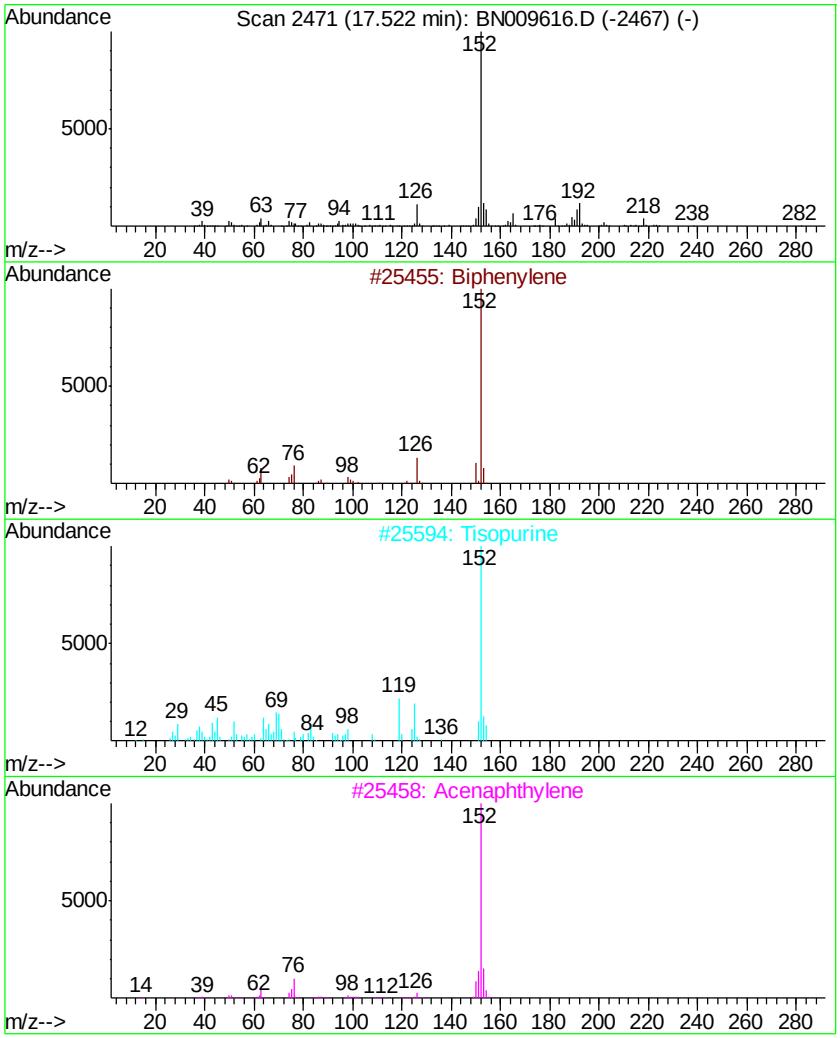
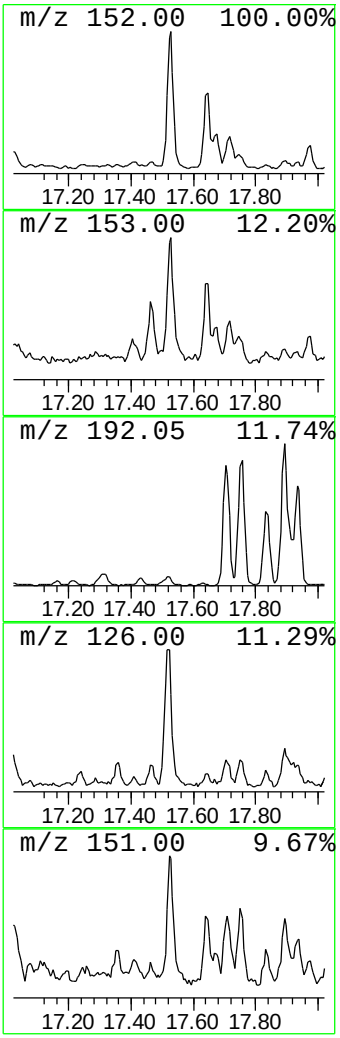
Peak Number 15 Biphenylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	7.85 ng/ul	784491	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	50
2	Tisopurine	152	C5H4N4S	005334-23-6	50
3	Acenaphthylene	152	C12H8	000208-96-8	47
4	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	47
5	Acenaphthylene	152	C12H8	000208-96-8	47





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Quant Title : SVOA CALIBRATION

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

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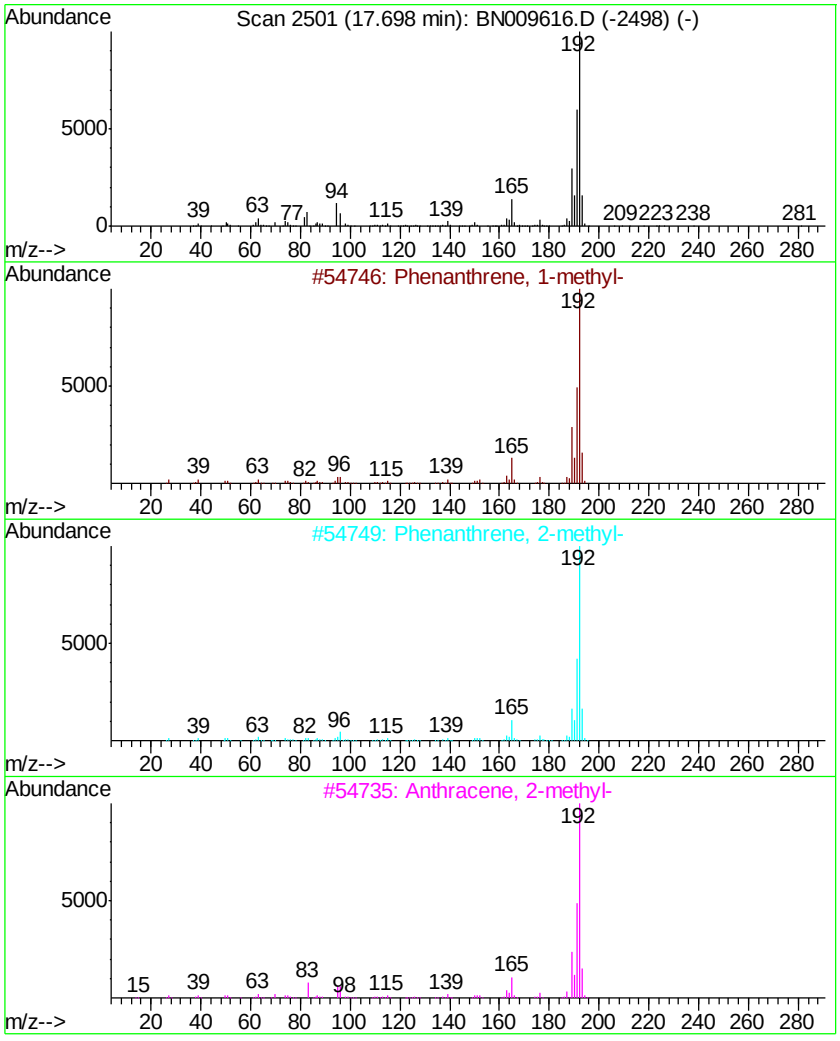
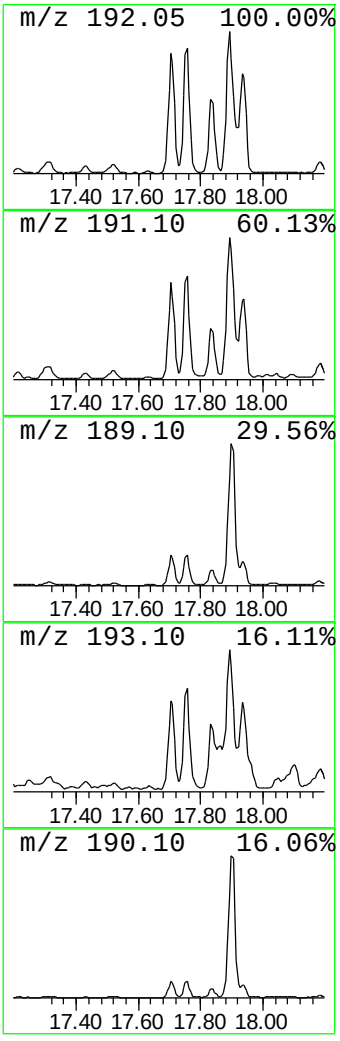
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	25.74 ng/ul	2572730	Phenanthrene-d10	16.83

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Quant Title : SVOA CALIBRATION

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

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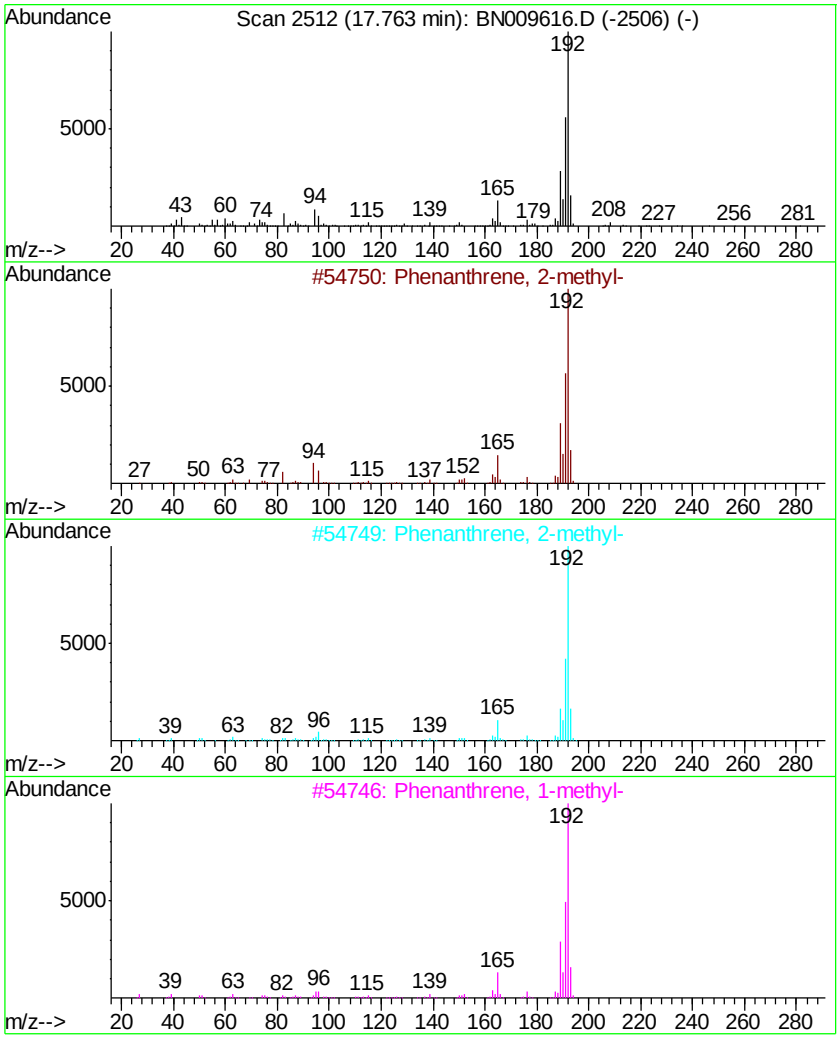
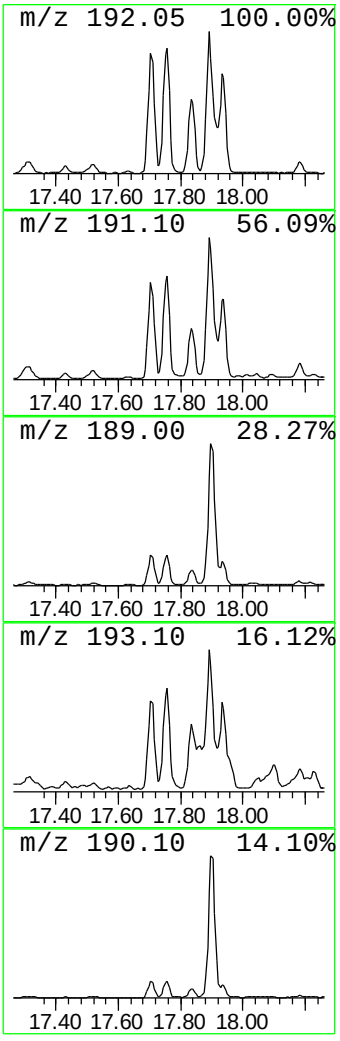
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	29.59 ng/ul	2956940	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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

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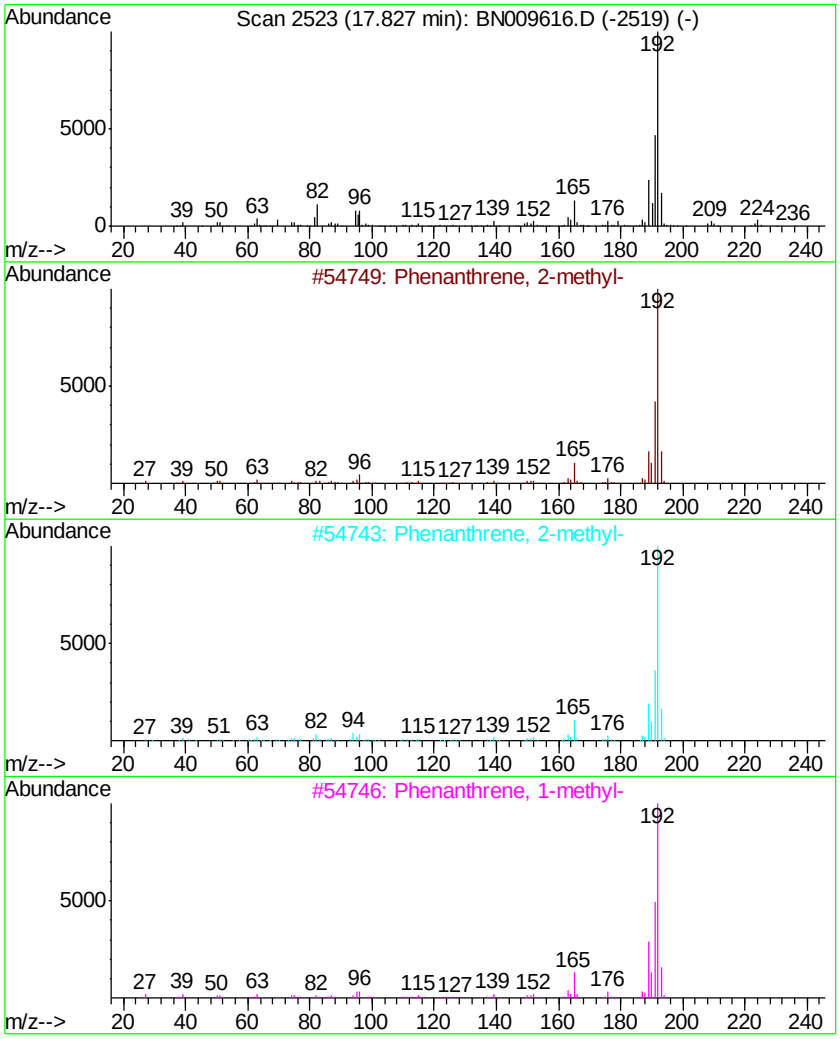
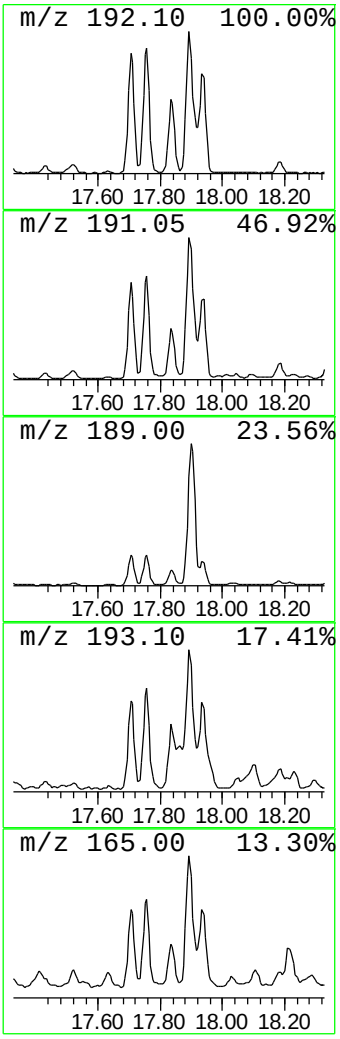
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	15.56 ng/ul	1554700	Phenanthrene-d10	16.83

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





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Quant Title : SVOA CALIBRATION

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

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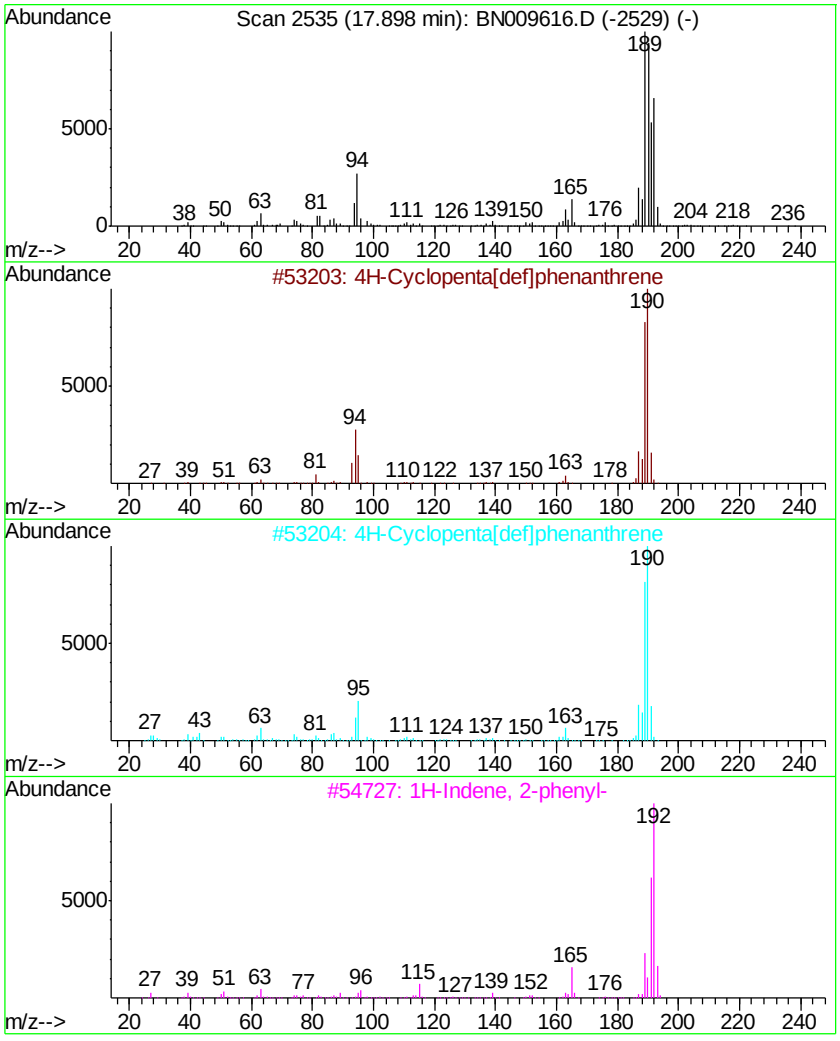
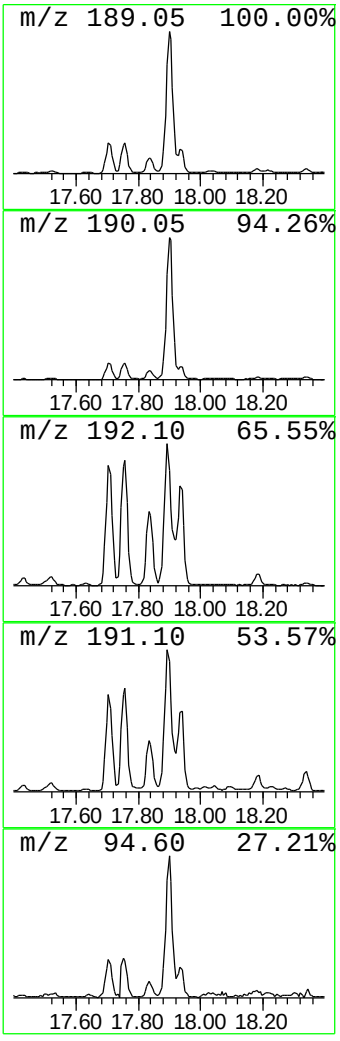
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	71.72 ng/ul	7167570	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35





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Quant Title : SVOA CALIBRATION

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

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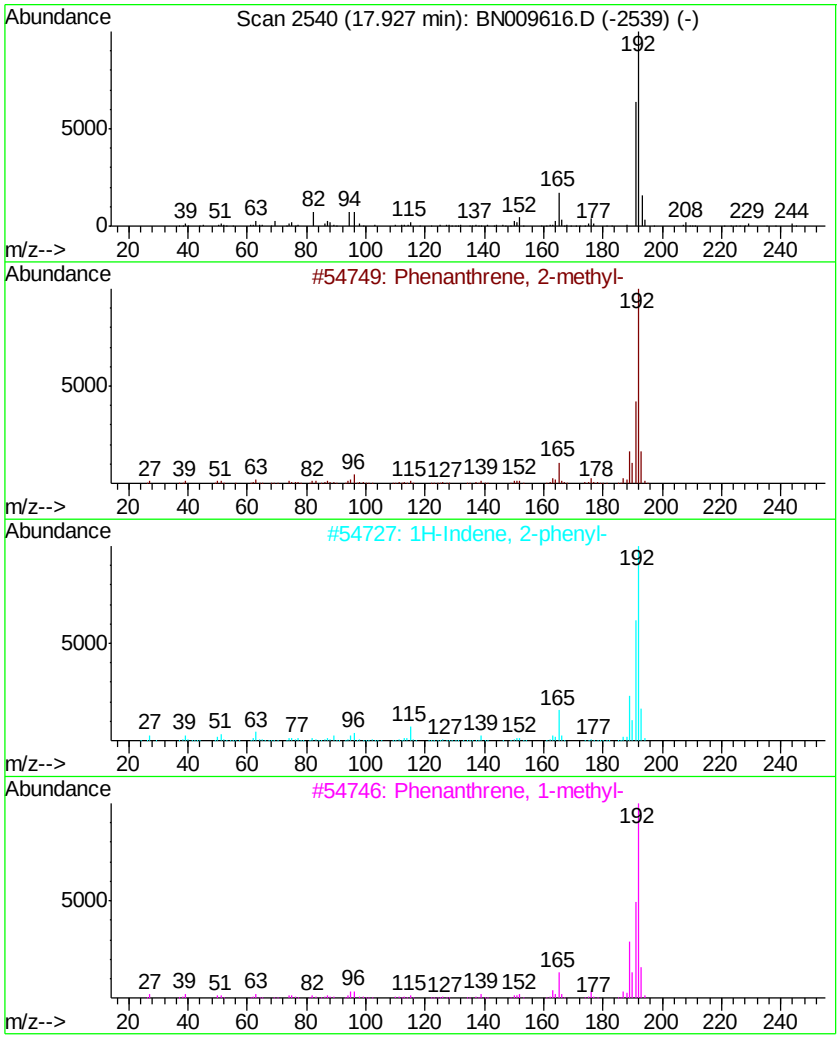
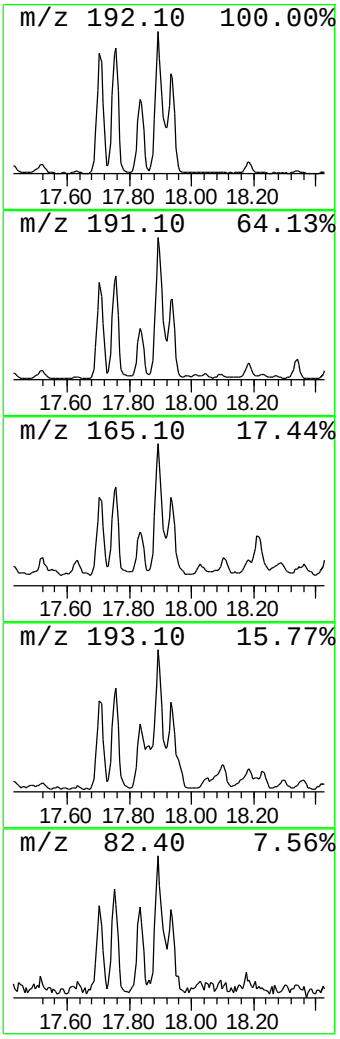
Peak Number 20 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	22.51 ng/ul	2249300	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Quant Title : SVOA CALIBRATION

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

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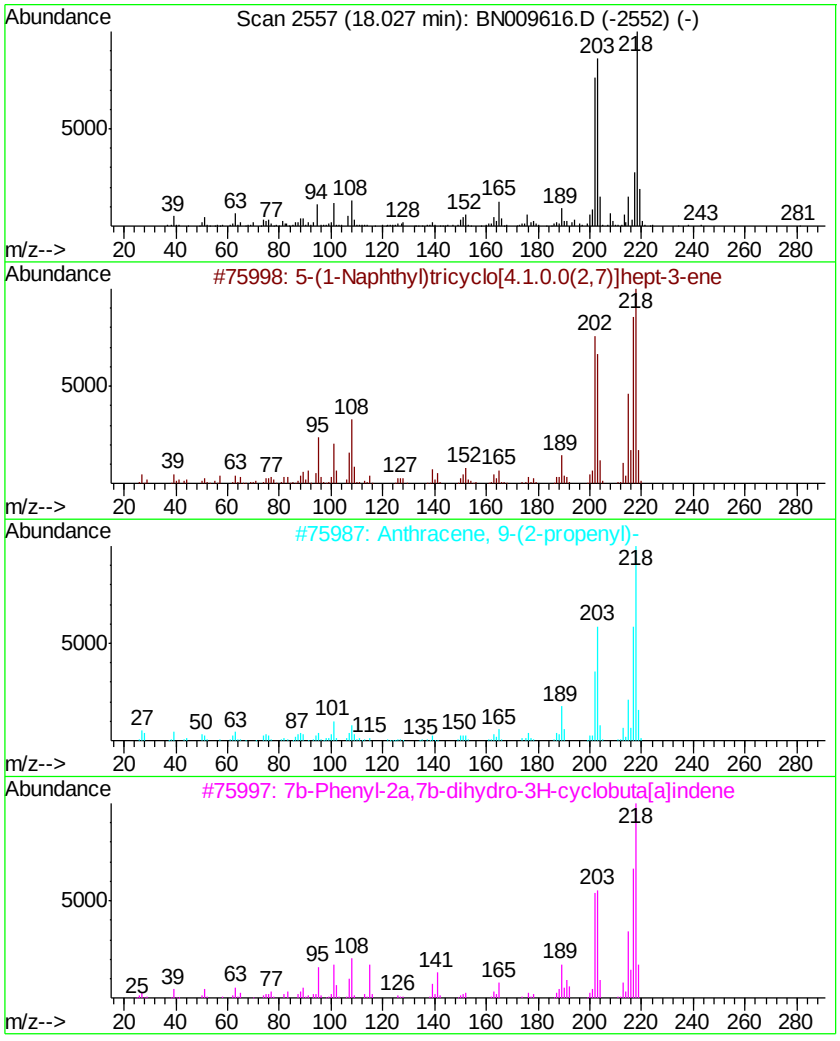
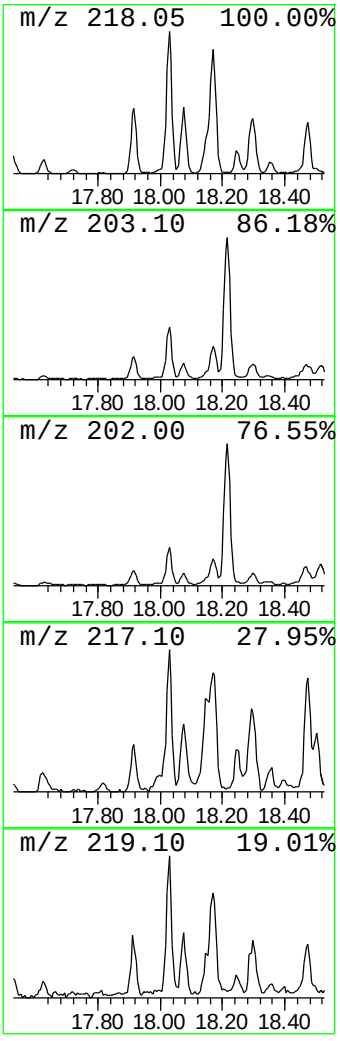
Peak Number 21 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.44 ng/ul	743766	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	80
2	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	72
3	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	72
4	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	49
5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	49





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Quant Title : SVOA CALIBRATION

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

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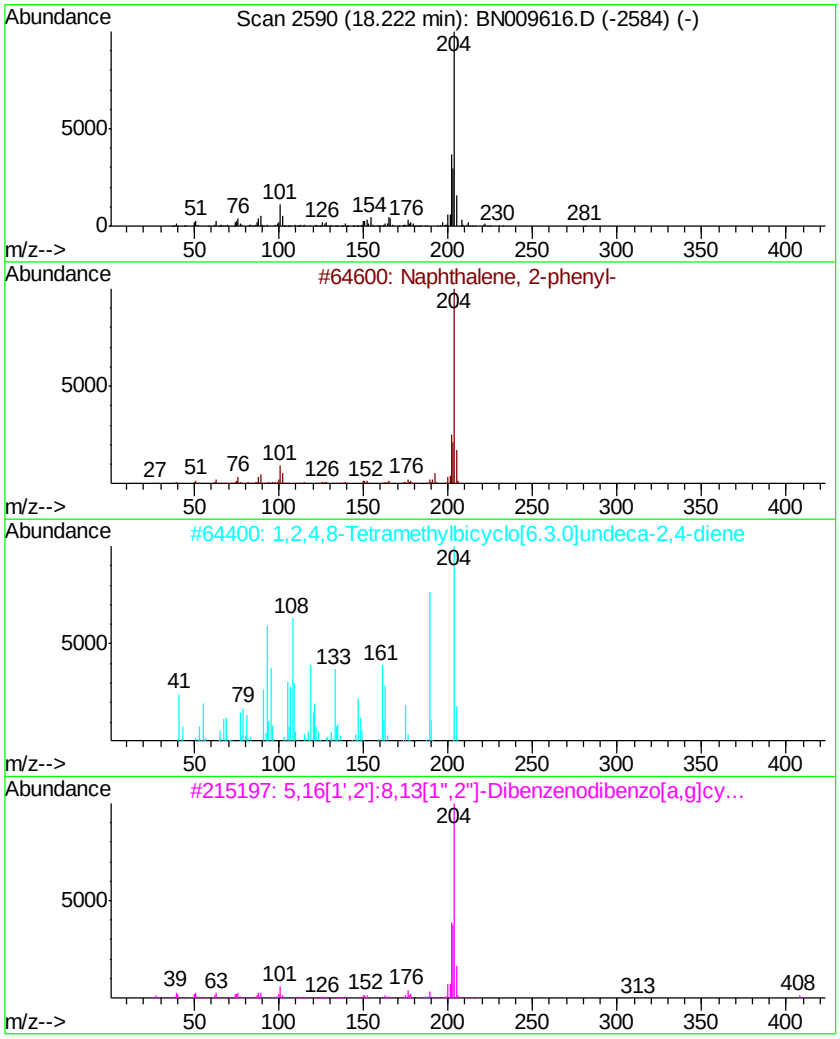
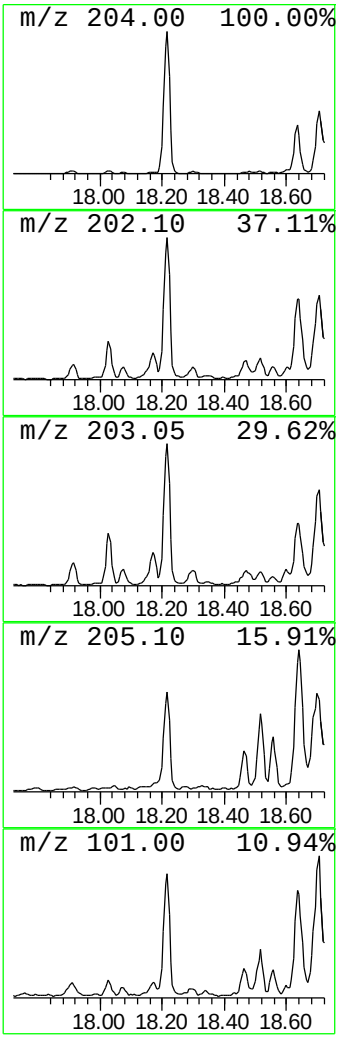
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	29.75 ng/ul	2972990	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Quant Title : SVOA CALIBRATION

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

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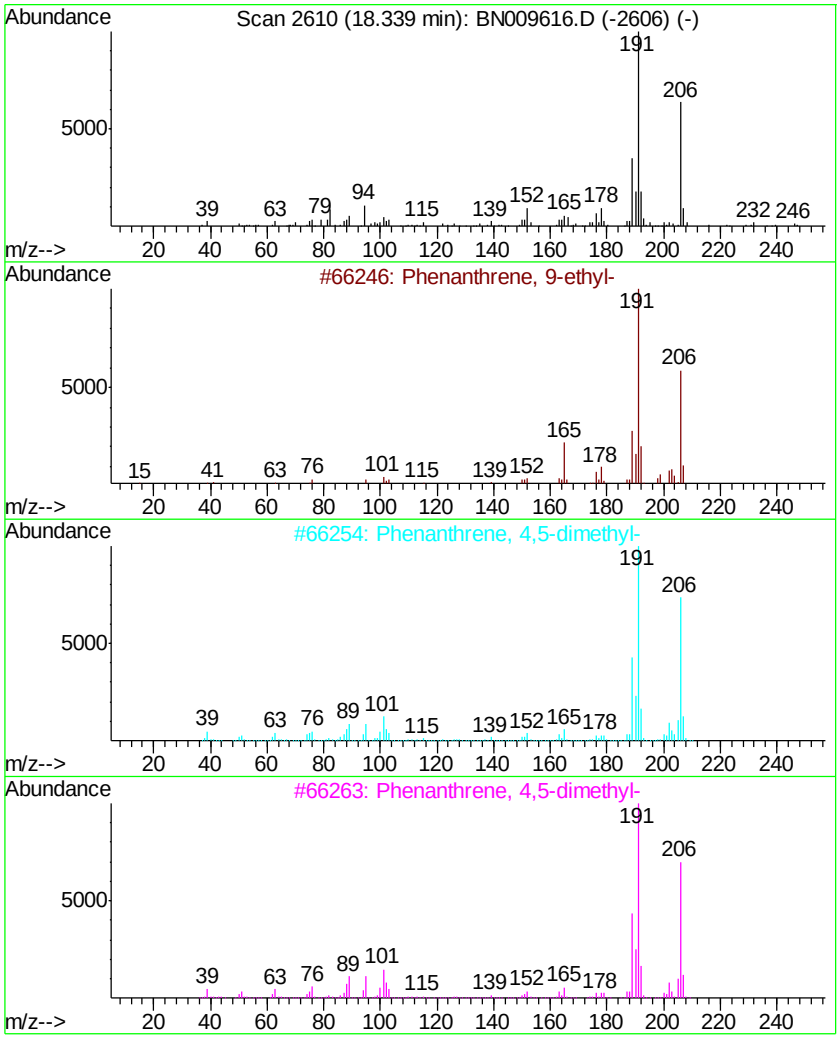
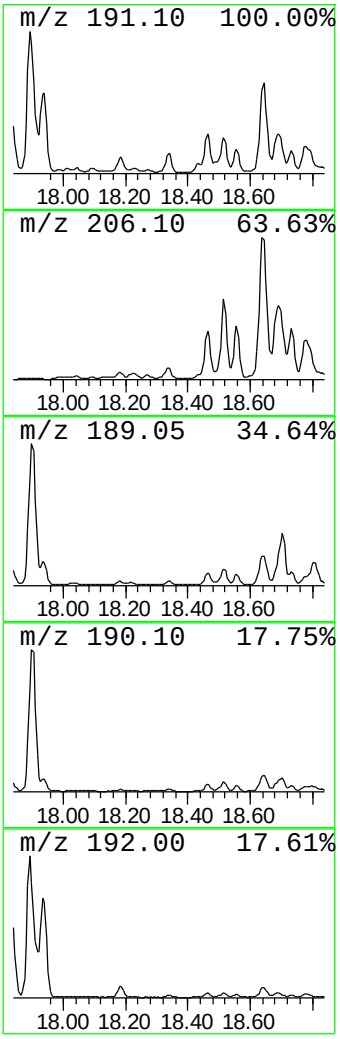
Peak Number 23 Phenanthrene, 9-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	7.70 ng/ul	769577	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	78
5	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	76





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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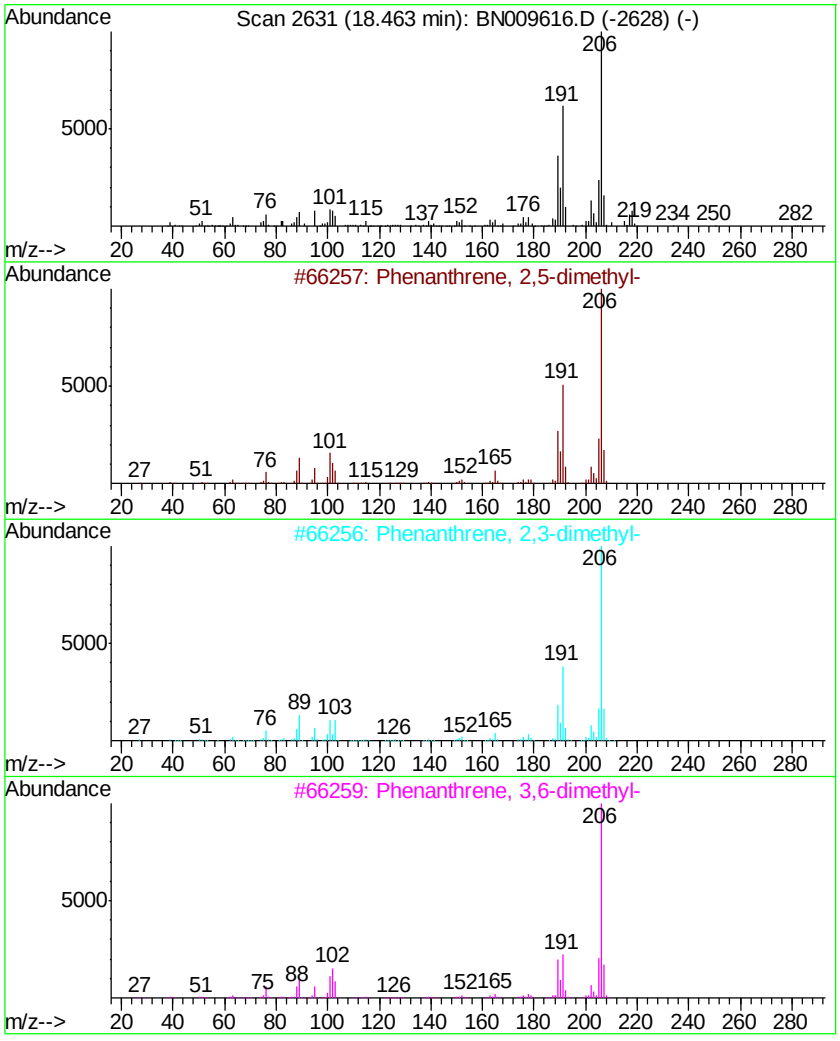
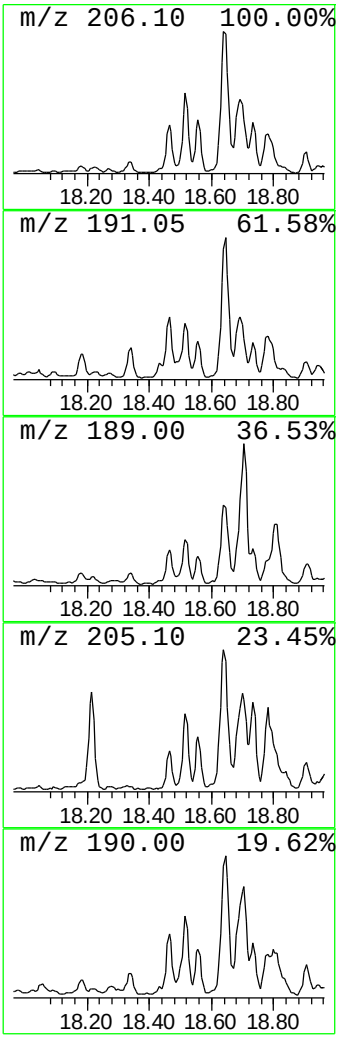
Peak Number 24 Phenanthrene, 2,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	11.48 ng/ul	1147790	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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TIC Integration Parameters: LSCINT.P

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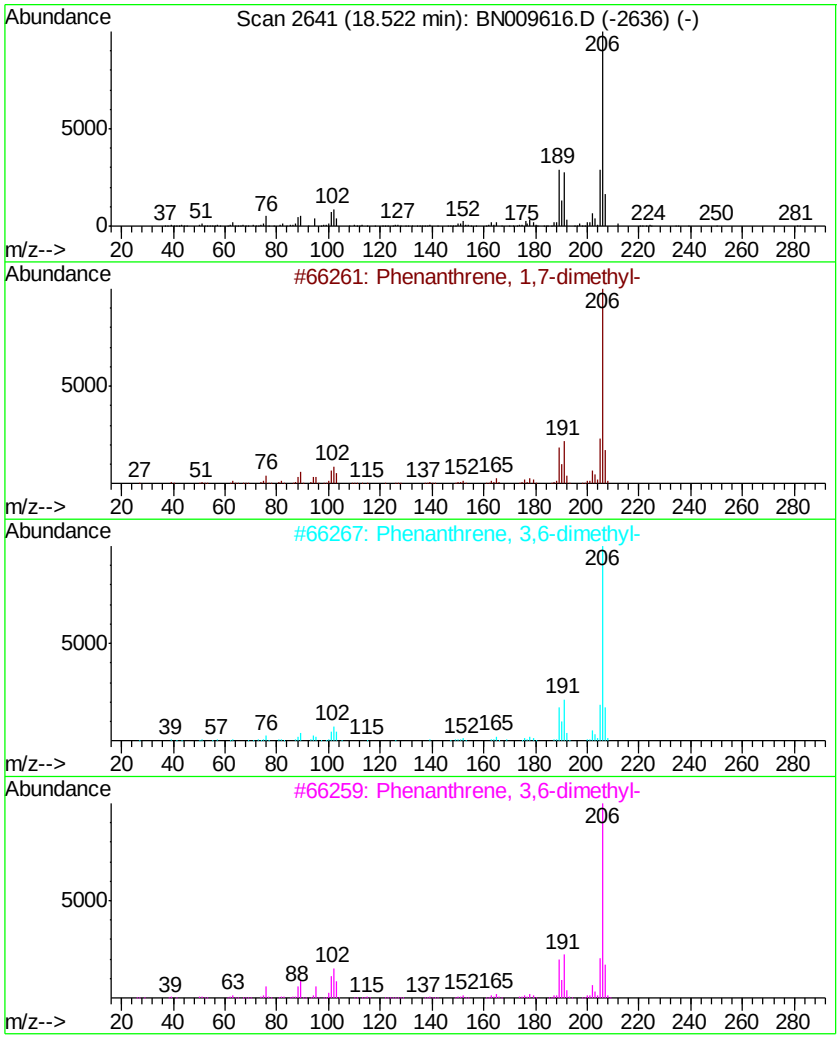
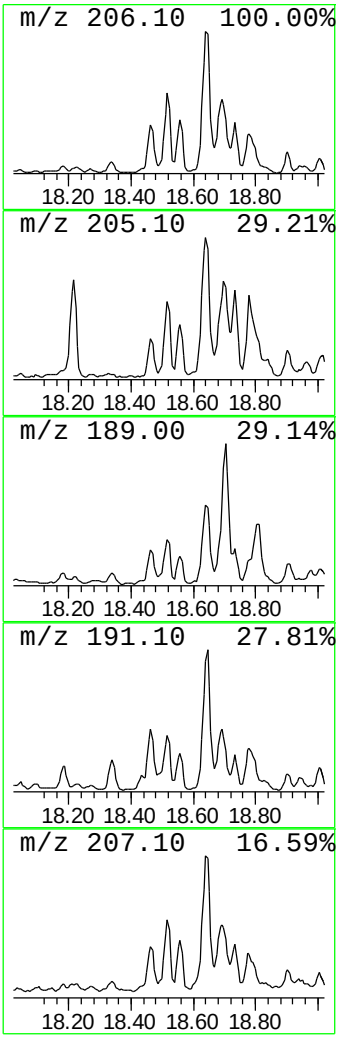
Peak Number 25 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	13.38 ng/ul	1336750	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





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

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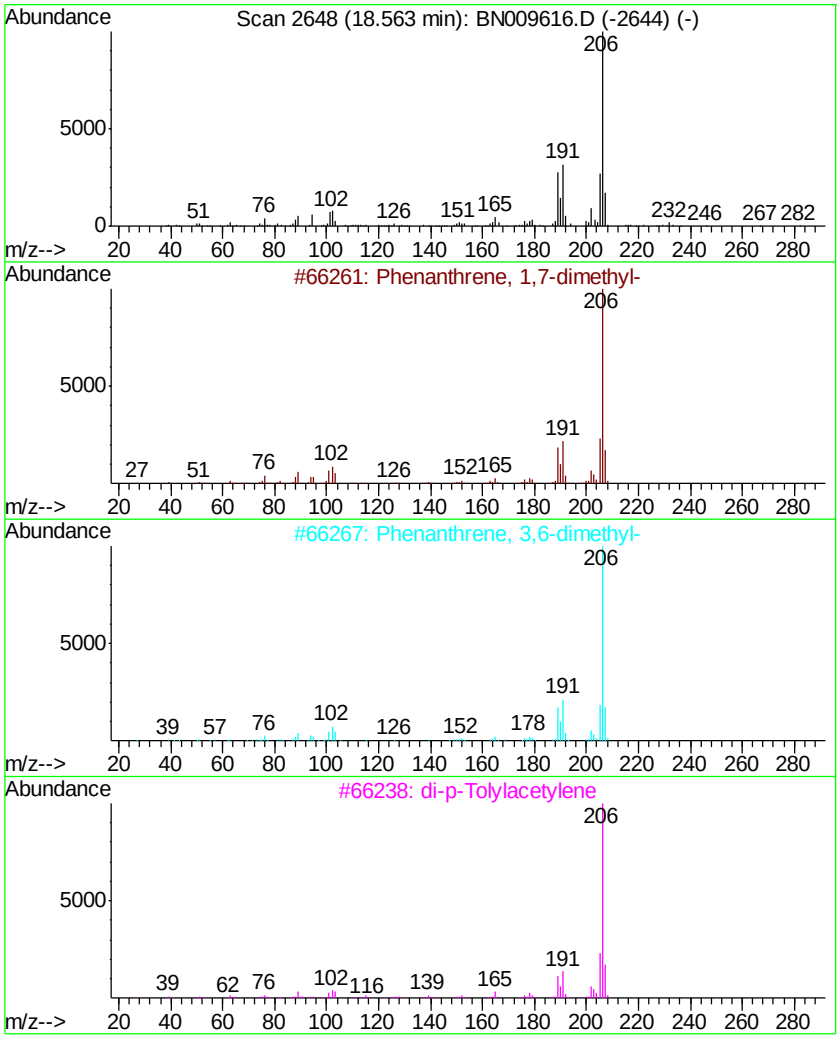
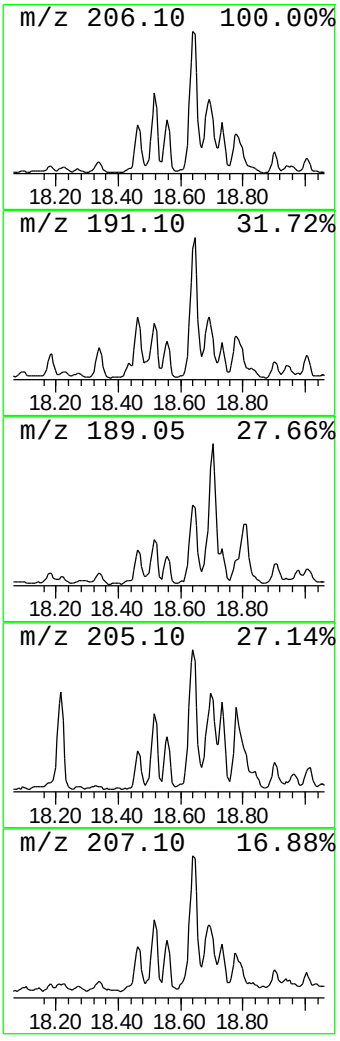
Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	10.05 ng/ul	1004130	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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

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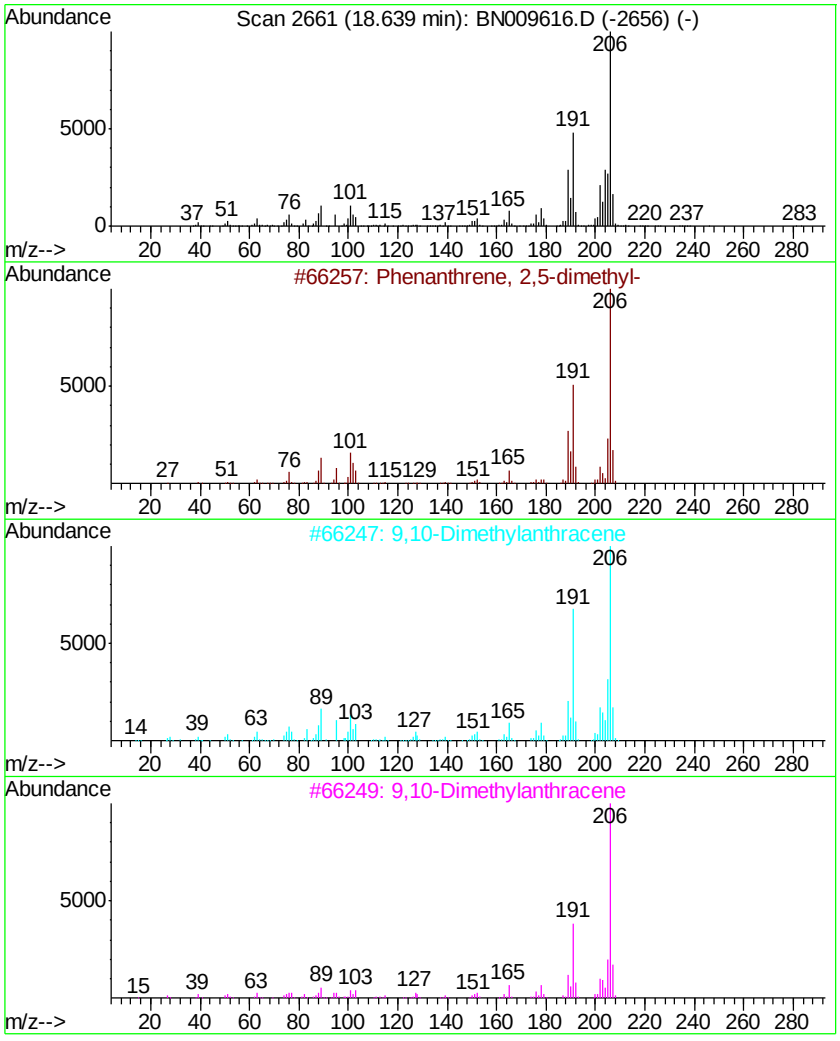
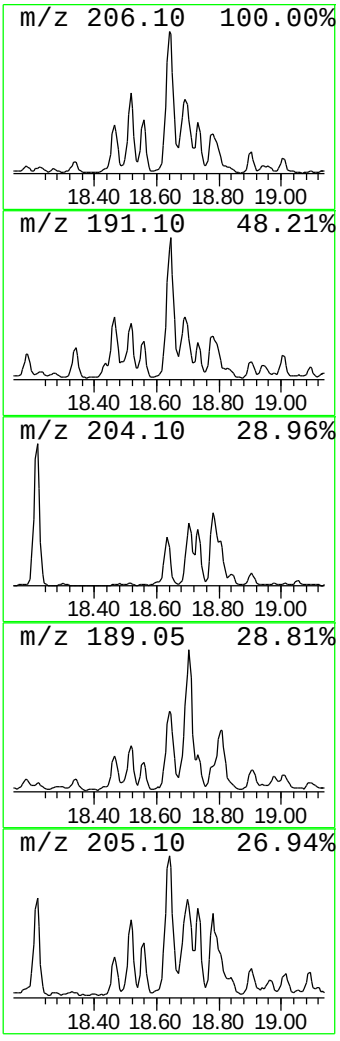
Peak Number 27 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	44.95 ng/ul	4492120	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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TIC Integration Parameters: LSCINT.P

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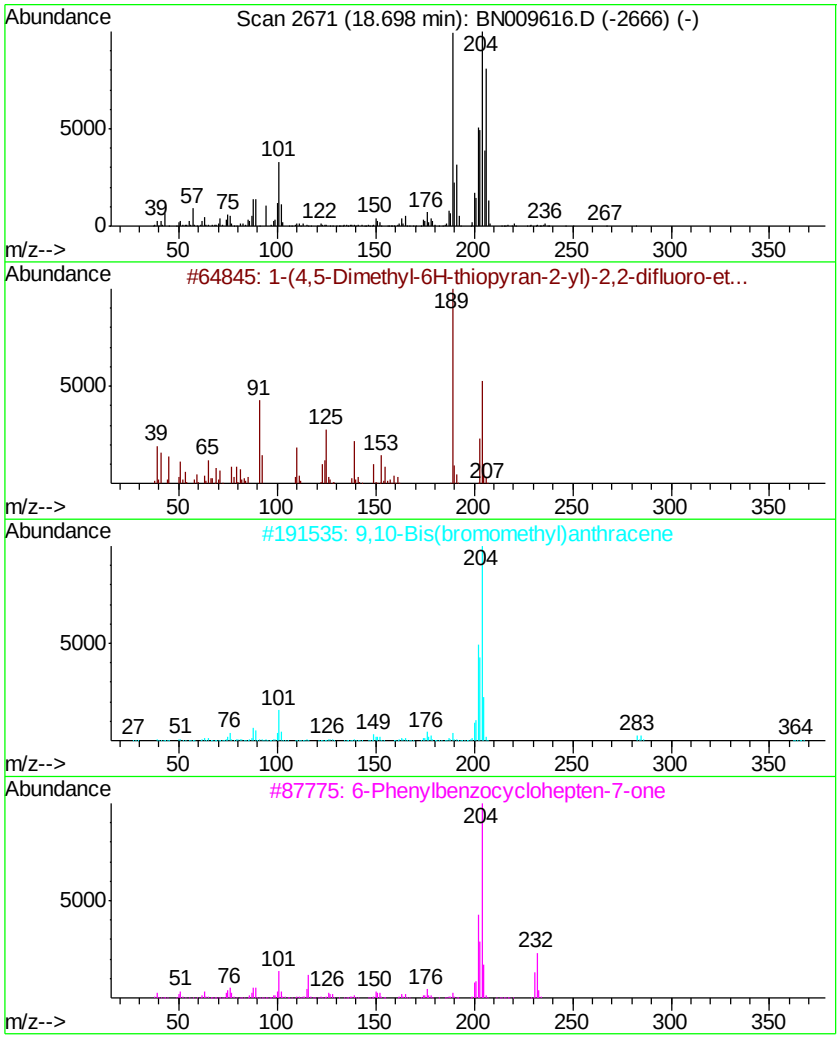
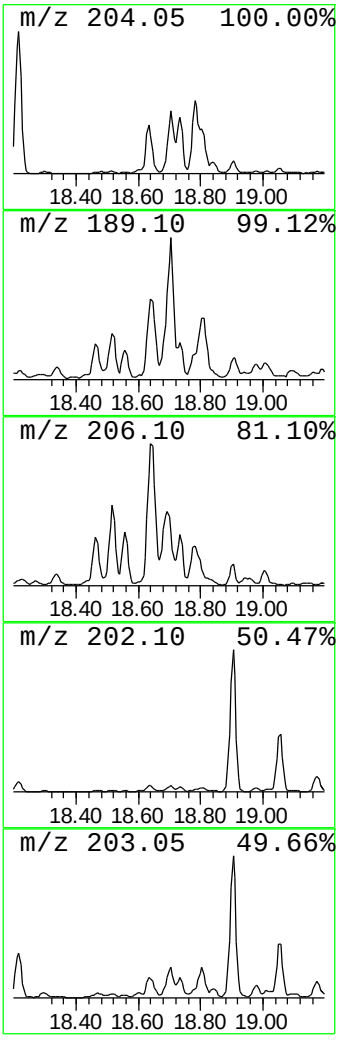
Peak Number 28 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	34.39 ng/ul	3437280	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	49
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41





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Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

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Quant Title : SVOA CALIBRATION

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

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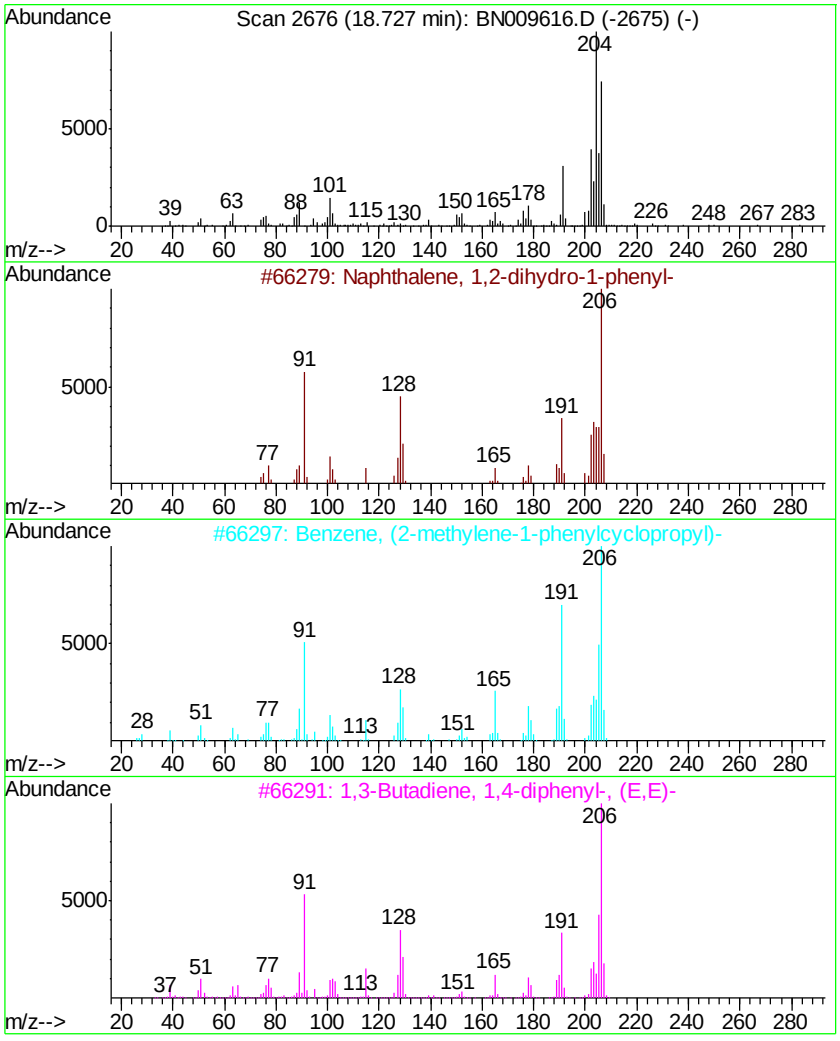
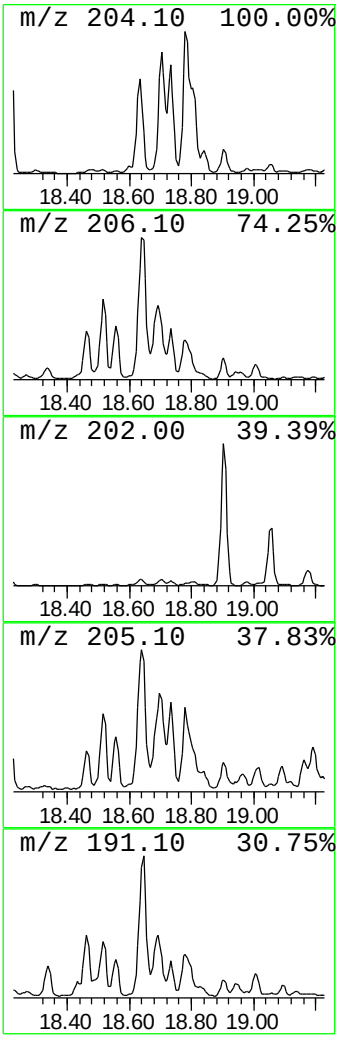
Peak Number 29 Naphthalene, 1,2-dihydro-1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	14.26 ng/ul	1424630	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	62
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	50
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	45
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43





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Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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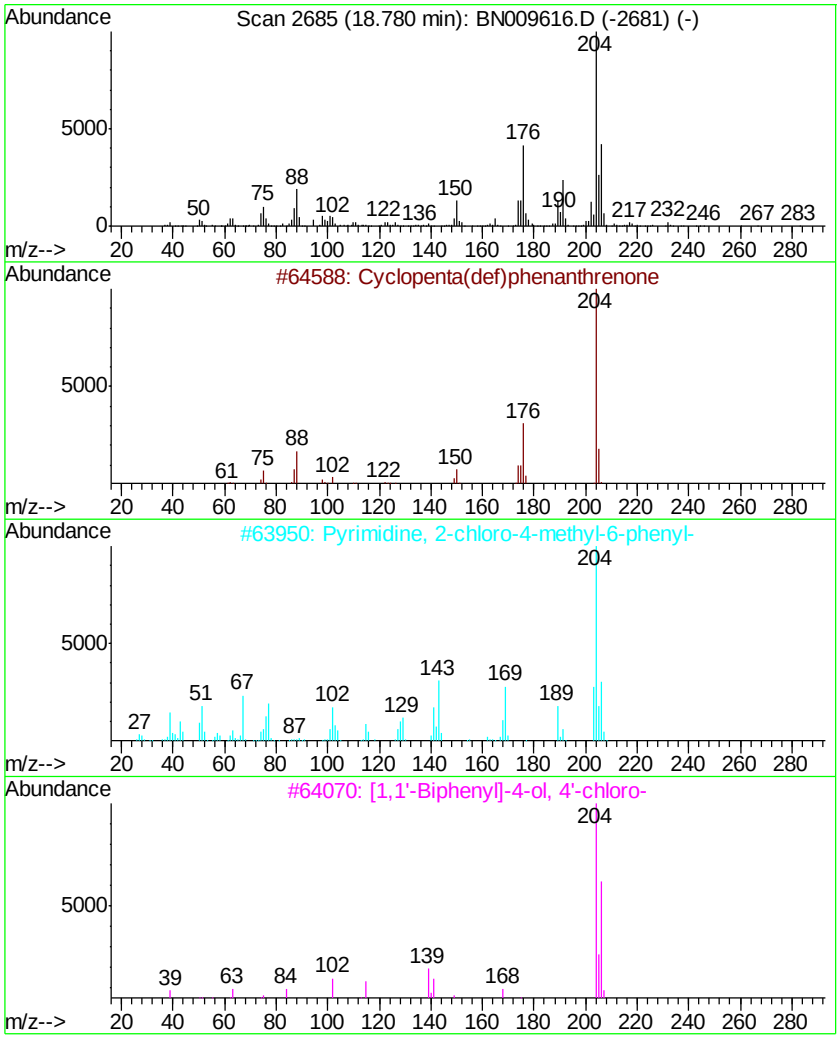
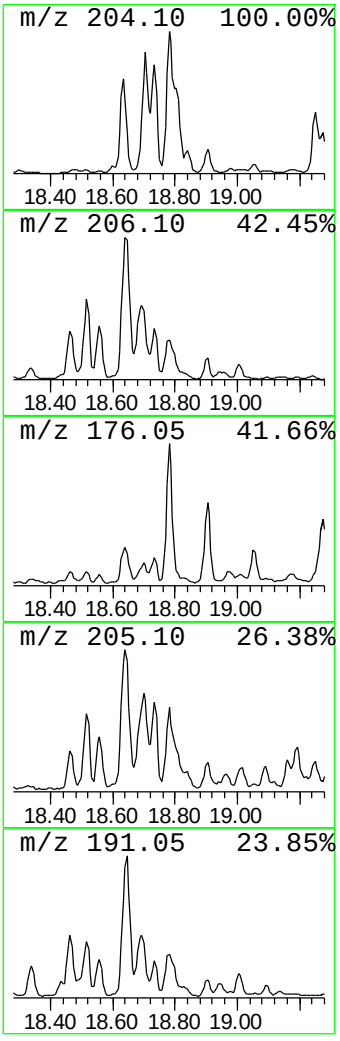
Peak Number 30 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	36.90 ng/ul	3687890	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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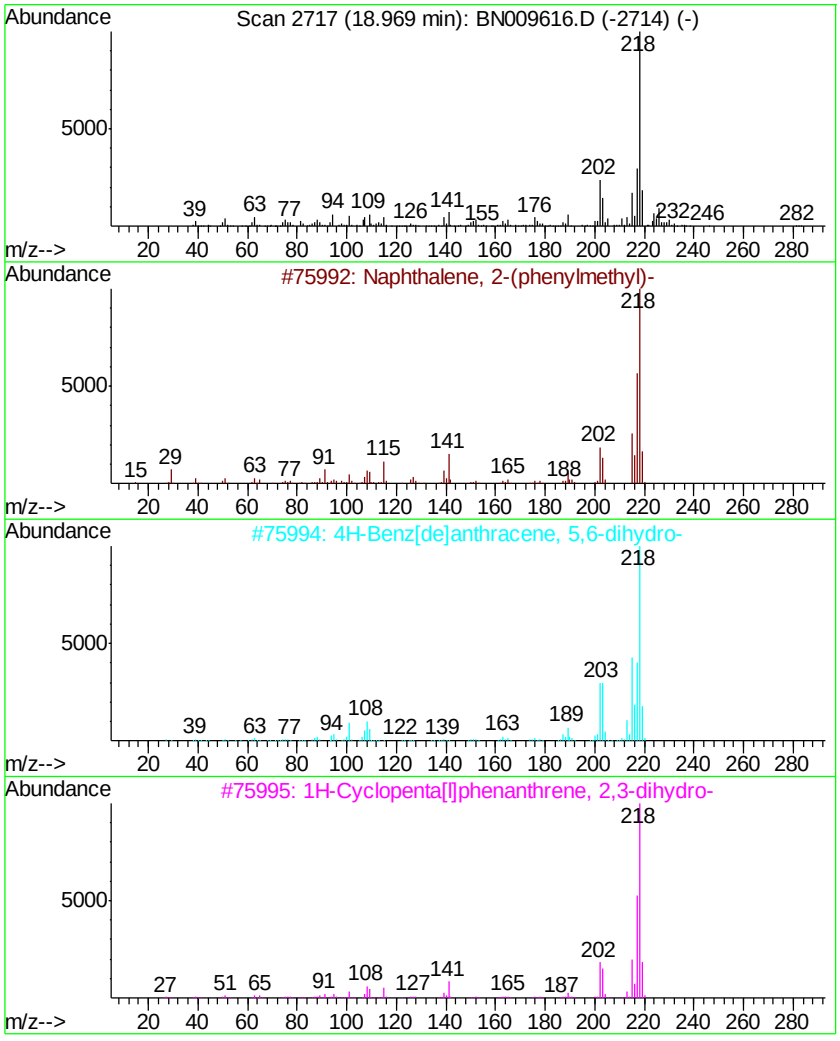
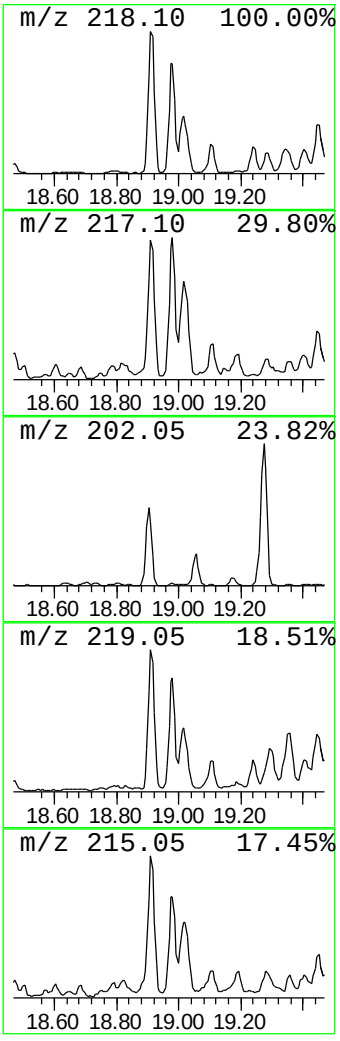
Peak Number 31 Naphthalene, 2-(phenylmethyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.46 ng/ul	1707080	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	62
2	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	59
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	58
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	52
5	6-Benzyl-2-thiouracil	218	C11H10N2OS	006336-50-1	52





Library Search Compound Report

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Data File : BN009616.D
Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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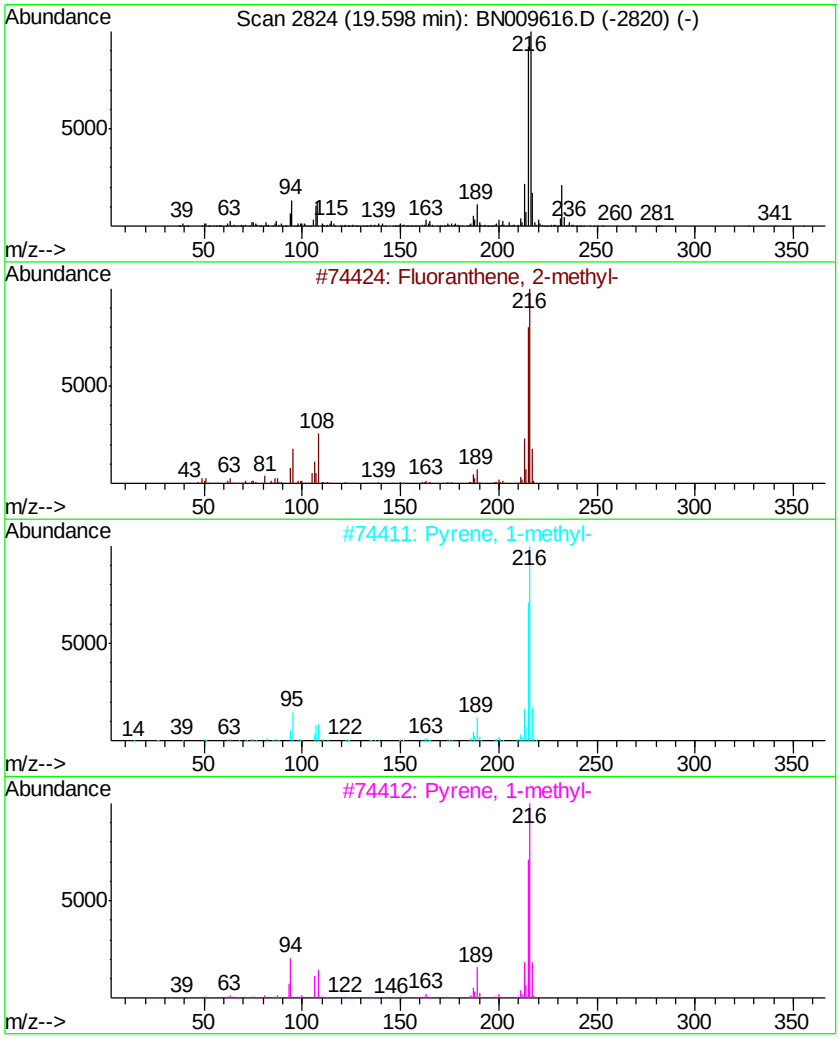
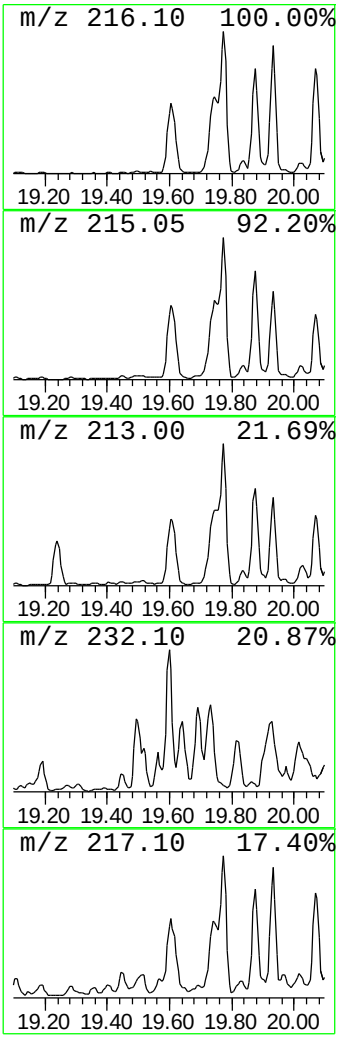
Peak Number 35 Fluoranthene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	6.28 ng/ul	4355430	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94





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Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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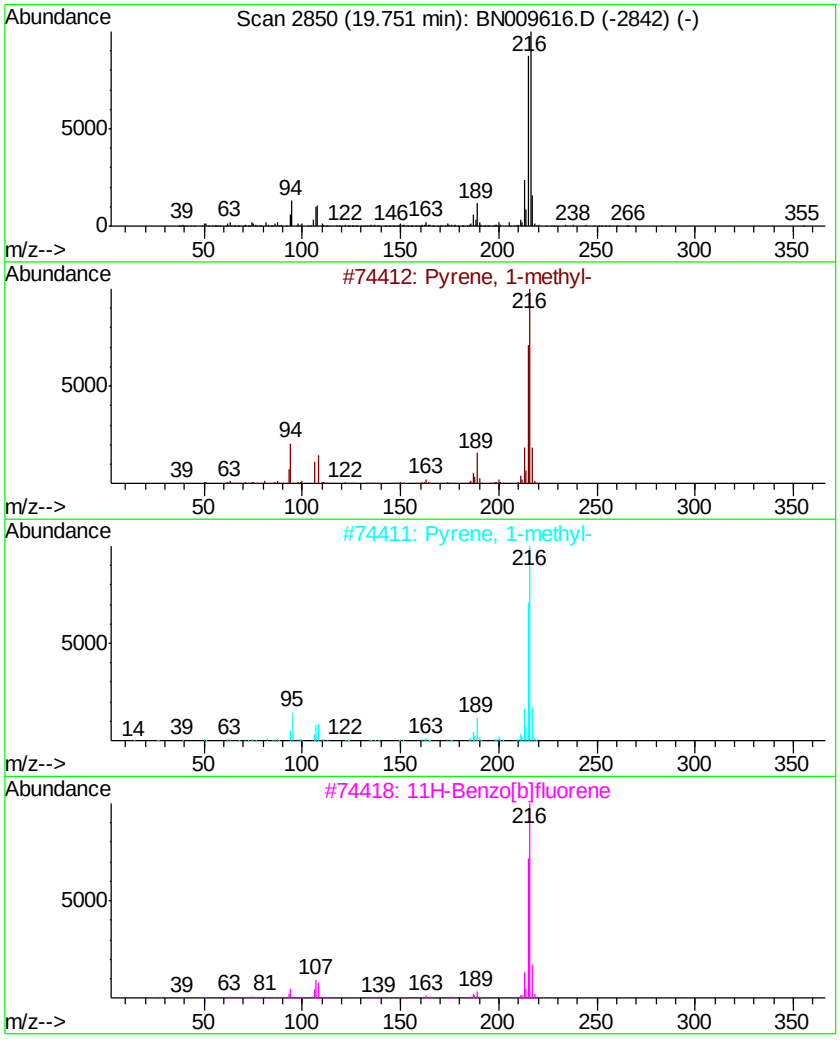
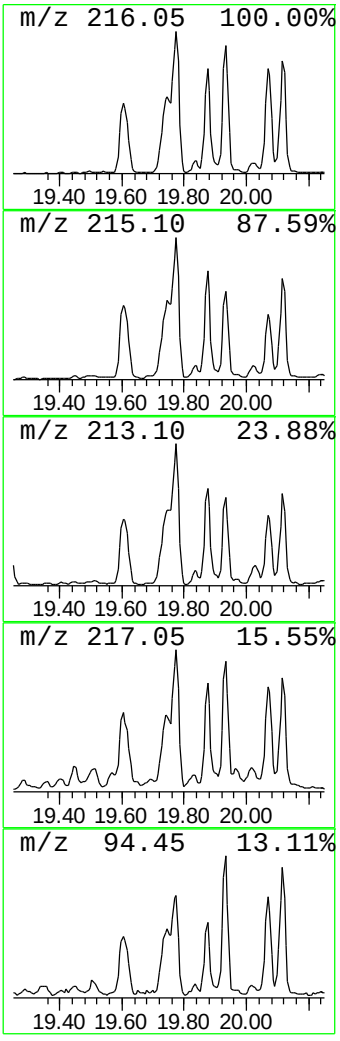
Peak Number 36 Pyrene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	6.44 ng/ul	4465020	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Library Search Compound Report

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Data File : BN009616.D
Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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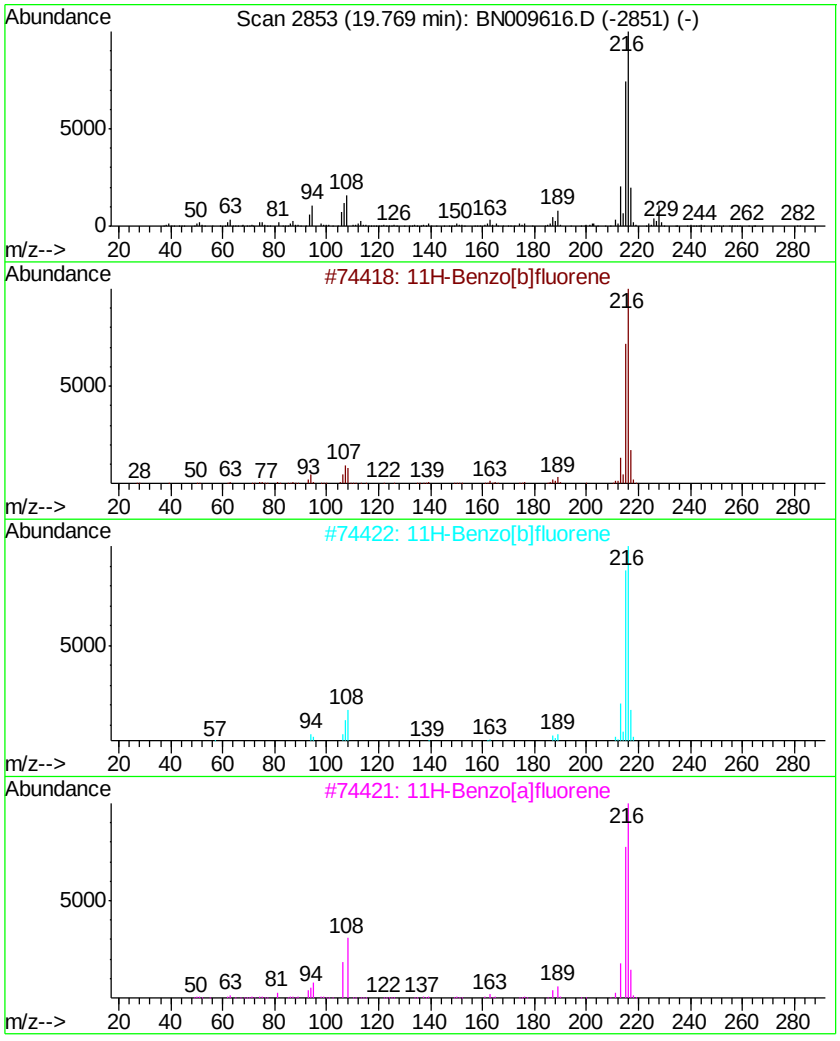
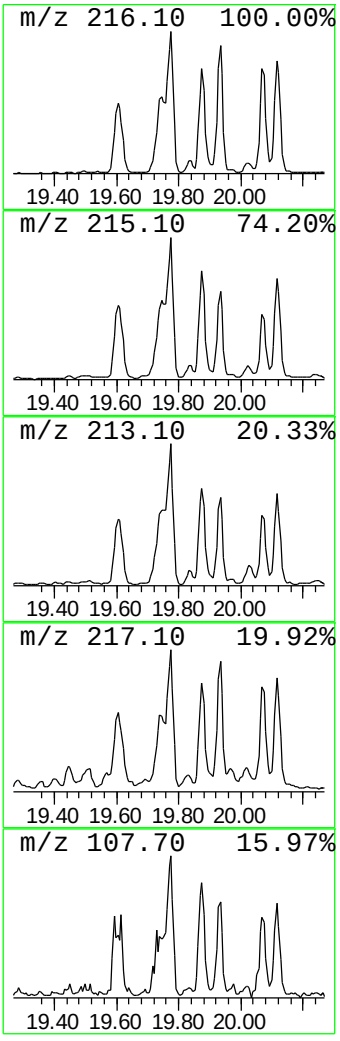
Peak Number 37 11H-Benzo[b]fluorene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	7.07 ng/ul	4896900	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Tentatively Identified Compound (LSC) summary

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Data File : BN009616.D
Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
(DEL) Alkane: Str...	11.64	9.2	ng/ul	687073	2	10.18	1497750	20.0
1,4-Methanonaphth...	11.71	10.8	ng/ul	807560	2	10.18	1497750	20.0
(DEL) Alkane: Str...	12.92	12.8	ng/ul	1191420	3	14.07	1864480	20.0
(DEL) Alkane: Str...	14.00	11.8	ng/ul	1096210	3	14.07	1864480	20.0
Naphthalene, 1,6,...	14.56	7.3	ng/ul	680920	3	14.07	1864480	20.0
unknown-01	14.69	12.3	ng/ul	1148310	3	14.07	1864480	20.0
(DEL) Alkane: Str...	14.96	11.9	ng/ul	1110910	3	14.07	1864480	20.0
(DEL) Alkane: Str...	15.83	12.7	ng/ul	1267470	4	16.83	1998790	20.0
9H-Fluorene, 1-me...	16.14	9.8	ng/ul	978609	4	16.83	1998790	20.0
9H-Fluorene, 9-me...	16.19	8.4	ng/ul	839195	4	16.83	1998790	20.0
9H-Fluorene, 2-me...	16.29	6.5	ng/ul	646500	4	16.83	1998790	20.0
Benz[a]azulene	16.41	8.6	ng/ul	856278	4	16.83	1998790	20.0
9H-Fluorene, 2,3-...	17.03	13.6	ng/ul	1362970	4	16.83	1998790	20.0
Anthracene, 9-eth...	17.36	11.5	ng/ul	1149790	4	16.83	1998790	20.0
Biphenylene	17.52	7.8	ng/ul	784491	4	16.83	1998790	20.0
Phenanthrene, 1-m...	17.70	25.7	ng/ul	2572730	4	16.83	1998790	20.0
Phenanthrene, 2-m...	17.76	29.6	ng/ul	2956940	4	16.83	1998790	20.0
Anthracene, 2-met...	17.83	15.6	ng/ul	1554700	4	16.83	1998790	20.0
4H-Cyclopenta[def...	17.90	71.7	ng/ul	7167570	4	16.83	1998790	20.0
1H-Cyclopropa[l]p...	17.93	22.5	ng/ul	2249300	4	16.83	1998790	20.0
5-(1-Naphthyl)tri...	18.03	7.4	ng/ul	743766	4	16.83	1998790	20.0
Naphthalene, 2-ph...	18.22	29.8	ng/ul	2972990	4	16.83	1998790	20.0
Phenanthrene, 9-e...	18.34	7.7	ng/ul	769577	4	16.83	1998790	20.0
Phenanthrene, 2,5...	18.46	11.5	ng/ul	1147790	4	16.83	1998790	20.0
Phenanthrene, 1,7...	18.52	13.4	ng/ul	1336750	4	16.83	1998790	20.0
Phenanthrene, 3,6...	18.56	10.1	ng/ul	1004130	4	16.83	1998790	20.0
9,10-Dimethylanth...	18.64	45.0	ng/ul	4492120	4	16.83	1998790	20.0
unknown-02	18.70	34.4	ng/ul	3437280	4	16.83	1998790	20.0
Naphthalene, 1,2-...	18.73	14.3	ng/ul	1424630	4	16.83	1998790	20.0
Cyclopenta(def)ph...	18.78	36.9	ng/ul	3687890	4	16.83	1998790	20.0
Naphthalene, 2-(p...	18.97	2.5	ng/ul	1707080	5	21.05	13860600	20.0
Fluoranthene, 2-m...	19.60	6.3	ng/ul	4355430	5	21.05	13860600	20.0
Pyrene, 1-methyl-	19.75	6.4	ng/ul	4465020	5	21.05	13860600	20.0
11H-Benzo[b]fluorene	19.77	7.1	ng/ul	4896900	5	21.05	13860600	20.0