LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	7.513	814	821	829	rVB	187170	300186	13.32%	1.432%
2	8.229	938	943	952	rVB3	17118	29094	1.29%	0.139%
3	9.922	1226	1231	1238	rVB2	16947	27074	1.20%	0.129%
4	10.292	1287	1294	1299	rBV	300263	504438	22.39%	2.407%
5	10.345	1299	1303	1309	rVB	227067	348595	15.47%	1.663%
6	11.972	1572	1580	1588	rBV	270586	414473	18.40%	1.977%
7	12.095	1594	1601	1608	rBV2	19409	30364	1.35%	0.145%
8	12.195	1608	1618	1625	rVB	136065	217011	9.63%	1.035%
9	13.006	1748	1756	1763	rVB	72818	106500	4.73%	0.508%
10	13.206	1784	1790	1798	rBV	33065	57279	2.54%	0.273%
11	13.335	1806	1812	1814	rBV	44870	66486	2.95%	0.317%
12	13.500	1832	1840	1845	rVV	71630	128981	5.73%	0.615%
13	13.553	1845	1849	1853	rVV	47853	67553	3.00%	0.322%
14	13.600	1853	1857	1861	rVV	40090	54482	2.42%	0.260%
15	13.735	1877	1880	1884	rVV	29154	44018	1.95%	0.210%
16	13.870	1896	1903	1906	rBV	39521	59286	2.63%	0.283%
17	13.905	1906	1909	1914	rVB3	21056	28495	1.26%	0.136%
18	14.181	1948	1956	1962	rVV2	494539	797349	35.39%	3.804%
19	14.246	1962	1967	1976	rVV	477168	696225	30.90%	3.322%
20	14.316	1976	1979	1986	rVB	16219	22542	1.00%	0.108%
21	14.404	1986	1994	2002	rBV3	25745	54972	2.44%	0.262%
22	14.498	2002	2010	2015	rVV2	19829	32190	1.43%	0.154%
23	14.587	2015	2025	2033	rVV	320540	466260	20.70%	2.224%
24	14.663	2033	2038	2044	rVV	18932	26977	1.20%	0.129%
25	14.810	2054	2063	2068	rBV4	15511	30348	1.35%	0.145%
26	14.863	2068	2072	2079	rVB3	16854	25372	1.13%	0.121%
27	14.986	2083	2093	2095	rBV4	12555	25440	1.13%	0.121%
28	15.180	2121	2126	2130	rVV2	63985	92300	4.10%	0.440%
29	15.239	2130	2136	2141	rVV	505146	683642	30.35%	3.262%
30	15.327	2146	2151	2154	rVV4	22200	43413	1.93%	0.207%
31	15.362	2154	2157	2160	rVV3	38205	55608	2.47%	0.265%
32	15.403	2160	2164	2169	rVV	64795	96046	4.26%	0.458%
33	15.486	2174	2178	2182	rVV	35301	51196	2.27%	0.244%
34	15.538	2182	2187	2195	rVB	72728	109867	4.88%	0.524%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

35	15.679	2204	2211	2219	rVV	74528	150995	6.70%	0.720%
36	15.914	2244	2251	2260	rVB7	18675	48381	2.15%	0.231%
37	16.038	2265	2272	2279	rBV3	27001	43858	1.95%	0.209%
38	16.244	2297	2307	2312	rVV3	56057	128417	5.70%	0.613%
39	16.296	2312	2316	2321	rVV5	25903	42347	1.88%	0.202%
40	16.396	2327	2333	2338	rVV5	22017	40949	1.82%	0.195%
41	16.479	2344	2347	2350	rVV	21701	33029	1.47%	0.158%
42	16.514	2350	2353	2357	rVV4	25314	41904	1.86%	0.200%
43	16.596	2363	2367	2374	rVV2	32116	48990	2.17%	0.234%
44	16.672	2374	2380	2382	rVV3	25344	38691	1.72%	0.185%
45	16.755	2390	2394	2405	rVB	119240	176428	7.83%	0.842%
46	16.937	2420	2425	2429	rVV2	635997	982784	43.62%	4.689%
47	16.984	2429	2433	2438	rVV	1678673	2252856	100.00%	10.748%
48	17.037	2438	2442	2444	rVV2	78536	109467	4.86%	0.522%
49	17.072	2444	2448	2453	rVV	163609	226226	10.04%	1.079%
50	17.131	2453	2458	2465	rVV2	31318	55130	2.45%	0.263%
51	17.348	2490	2495	2499	rBV	78649	100992	4.48%	0.482%
52	17.395	2499	2503	2509	rVB6	13286	25244	1.12%	0.120%
53	17.466	2510	2515	2520	rBV3	26545	36052	1.60%	0.172%
54	17.518	2520	2524	2527	rBV3	17371	23990	1.06%	0.114%
55	17.665	2543	2549	2555	rVV	13720	24188	1.07%	0.115%
56	17.818	2565	2575	2579	rVV	119909	192507	8.55%	0.918%
57	17.865	2579	2583	2589	rVV	160427	231681	10.28%	1.105%
58	17.942	2590	2596	2602	rVV2	50835	92426	4.10%	0.441%
59	18.012	2602	2608	2612	rVV2	207751	342408	15.20%	1.634%
60	18.047	2612	2614	2623	rVB	60242	76142	3.38%	0.363%
61	18.323	2656	2661	2665	rVV	86704	119204	5.29%	0.569%
62	18.365	2665	2668	2674	rVB5	17904	25716	1.14%	0.123%
63	18.576	2696	2704	2708	rBV2	30209	45864	2.04%	0.219%
64	18.623	2708	2712	2716	rVV	20255	29151	1.29%	0.139%
65	18.746	2728	2733	2738	rVV2	29139	53029	2.35%	0.253%
66	18.805	2738	2743	2747	rVV4	24639	47235	2.10%	0.225%
67	18.887	2753	2757	2763	rVV4	29988	46112	2.05%	0.220%
68	19.011	2772	2778	2785	rBV	1005207	1342234	59.58%	6.404%
69	19.075	2785	2789	2793	rVV2	126258	171188	7.60%	0.817%
70	19.111	2793	2795	2800	rVV5	19018	26150	1.16%	0.125%
71	19.258	2816	2820	2824	rVB	26593	31490	1.40%	0.150%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

72	19.346	2830	2835	2837	rBV3	236447	356700	15.83%	1.702%
73	19.375	2837	2840	2849	rVV	628451	847884	37.64%	4.045%
74	19.446	2849	2852	2860	rVB2	32677	56931	2.53%	0.272%
75	19.557	2866	2871	2876	rBV	40339	53974	2.40%	0.258%
76	19.622	2878	2882	2887	rVB3	21154	32772	1.45%	0.156%
77	19.698	2890	2895	2897	rBV2	36915	58708	2.61%	0.280%
78	19.839	2915	2919	2920	rVV2	23809	30572	1.36%	0.146%
79	19.875	2921	2925	2929	rVB	98101	138925	6.17%	0.663%
80	19.974	2937	2942	2946	rBV	117532	150235	6.67%	0.717%
81	20.033	2946	2952	2956	rVV2	41471	75221	3.34%	0.359%
82	20.074	2956	2959	2963	rVB2	22510	30240	1.34%	0.144%
83	20.215	2979	2983	2988	rBV4	31276	52779	2.34%	0.252%
84	20.415	3012	3017	3021	rBV4	35722	53515	2.38%	0.255%
85	20.627	3050	3053	3058	rVB	21892	33022	1.47%	0.158%
86	20.791	3078	3081	3084	rVB	33200	35818	1.59%	0.171%
87	20.826	3084	3087	3091	rBV	32920	37954	1.68%	0.181%
88	20.879	3091	3096	3099	rBV2	86480	104663	4.65%	0.499%
89	21.144	3134	3141	3145	rBV2	946884	1375253	61.04%	6.561%
90	21.179	3145	3147	3154	rVB	160785	187597	8.33%	0.895%
91	21.314	3164	3170	3175	rBV2	153616	203687	9.04%	0.972%
92	21.737	3238	3242	3248	rVB	232465	278941	12.38%	1.331%
93	21.796	3249	3252	3256	rBV3	33035	46907	2.08%	0.224%
94	22.189	3315	3319	3325	rVB	250358	327949	14.56%	1.565%
95	22.689	3398	3404	3416	rVB2	327024	613006	27.21%	2.925%
96	23.241	3493	3498	3504	rVB2	253924	446075	19.80%	2.128%
97	23.335	3507	3514	3533	rVB2	594249	1143893	50.78%	5.457%
98	23.882	3601	3607	3615	rVB	197364	395078	17.54%	1.885%
99	24.616	3726	3732	3740	rVB2	124624	296437	13.16%	1.414%
100	25.474	3872	3878	3886	rBV3	82637	198361	8.80%	0.946%

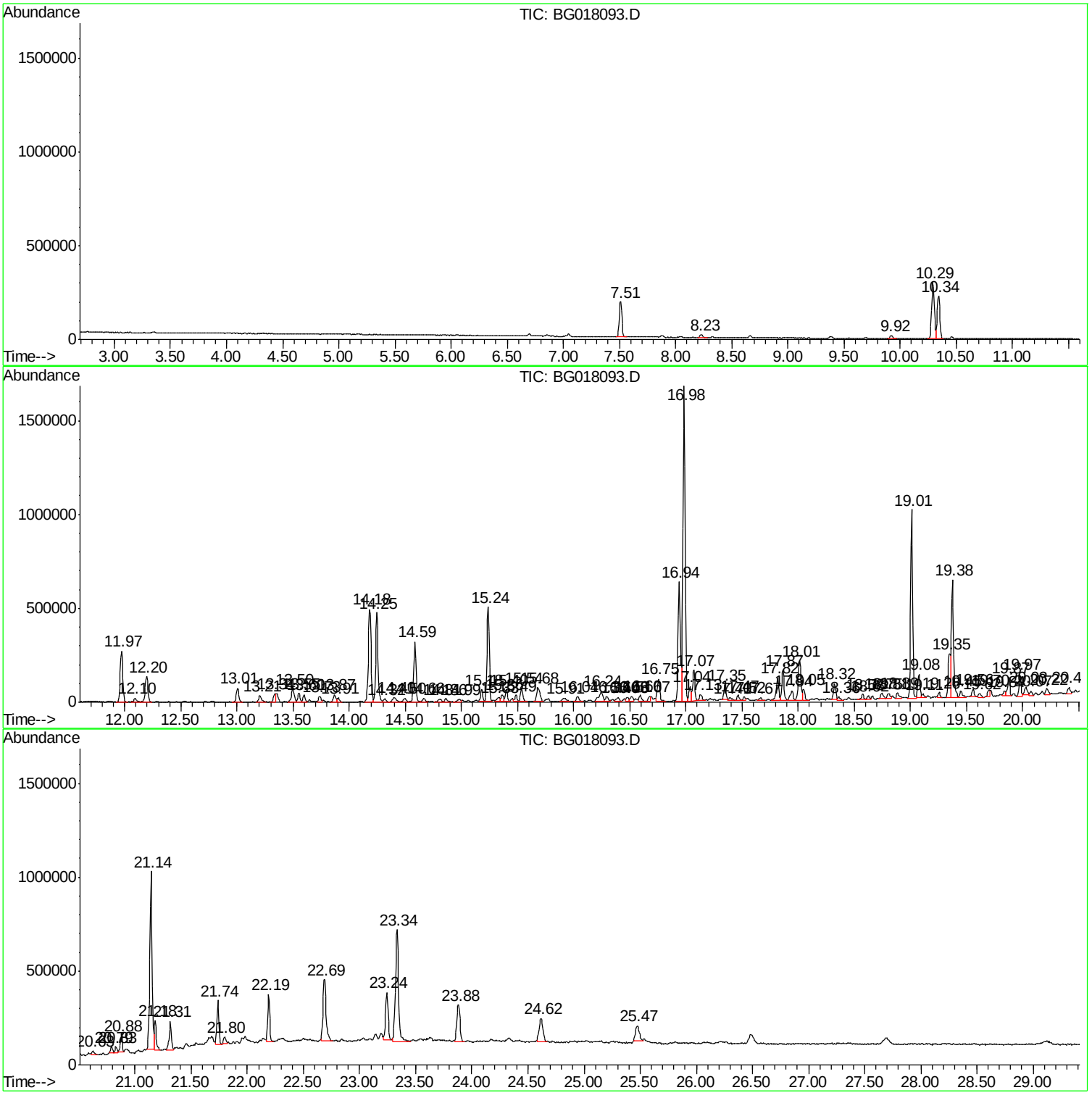
Sum of corrected areas: 20960614

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

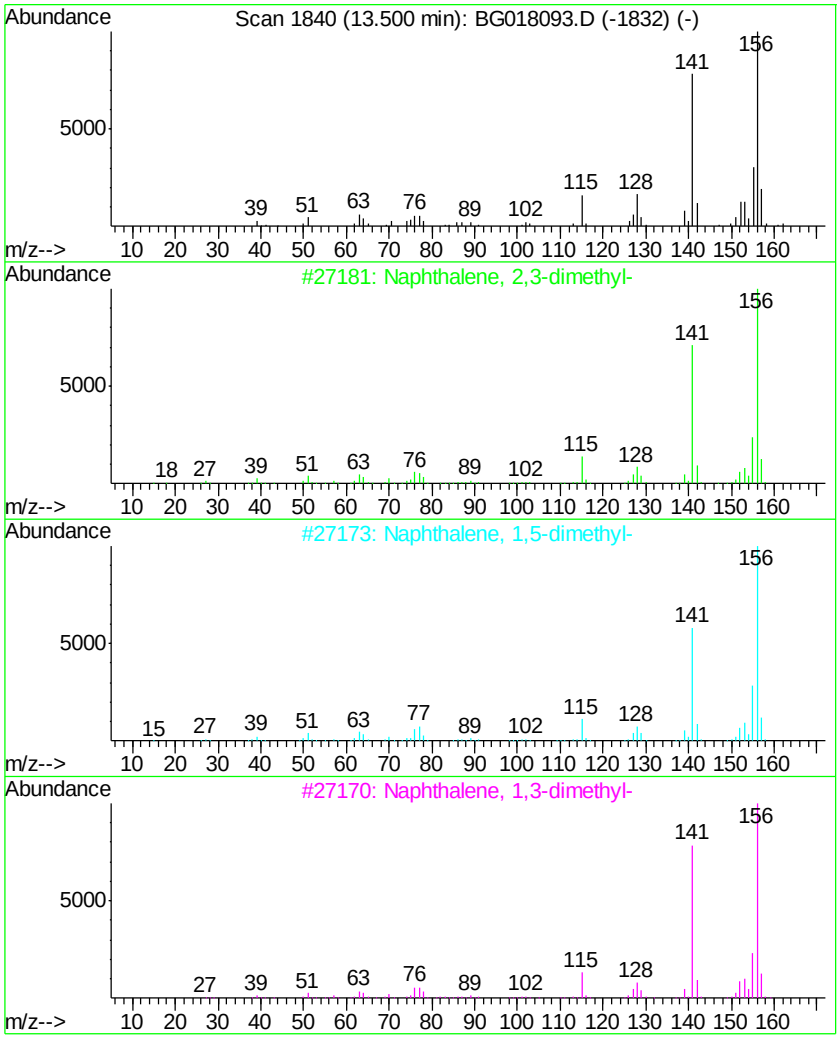
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

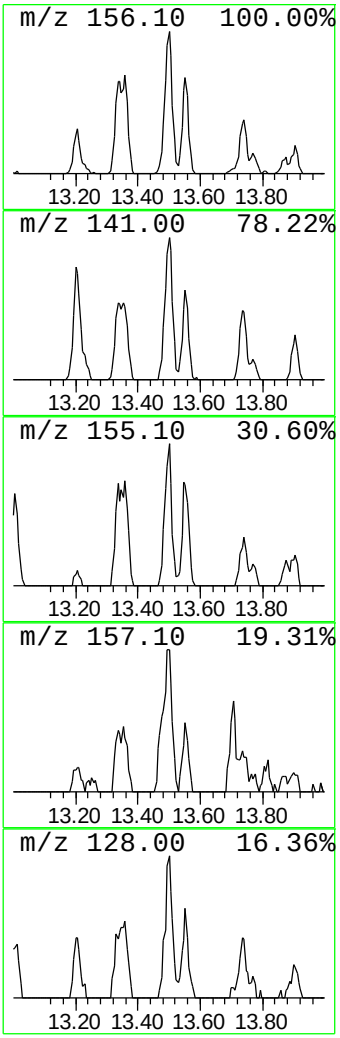
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.24 ng/ul	128981	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

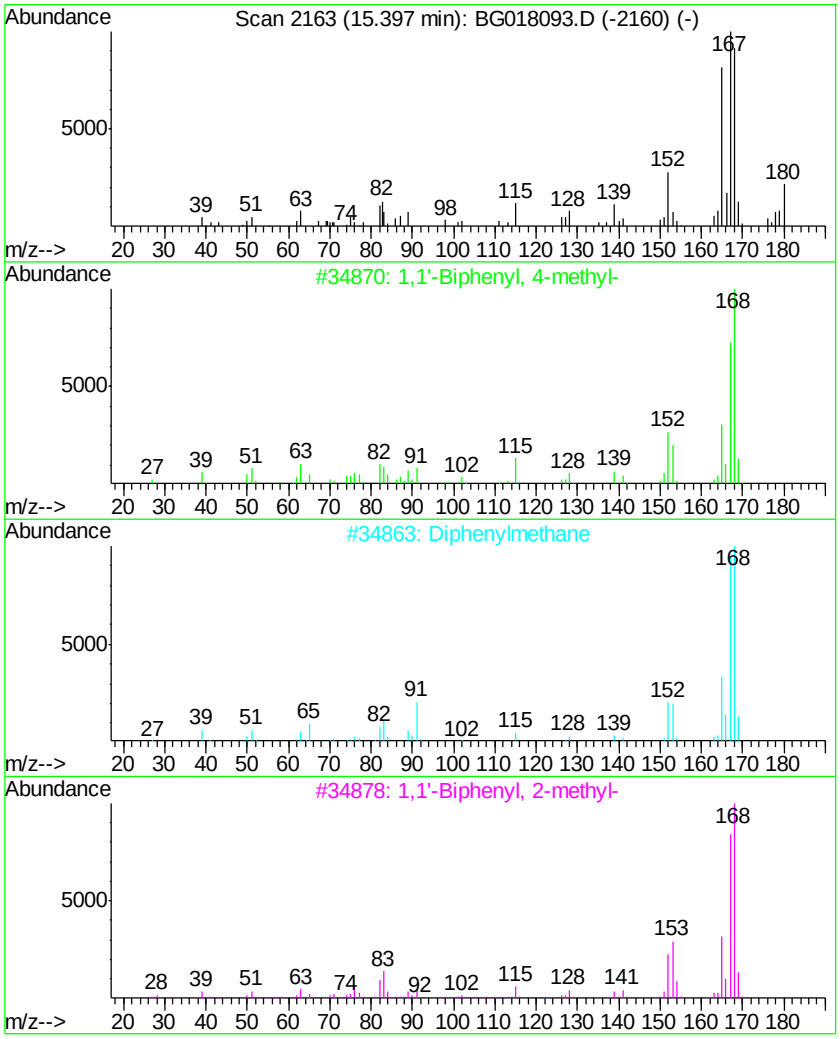
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

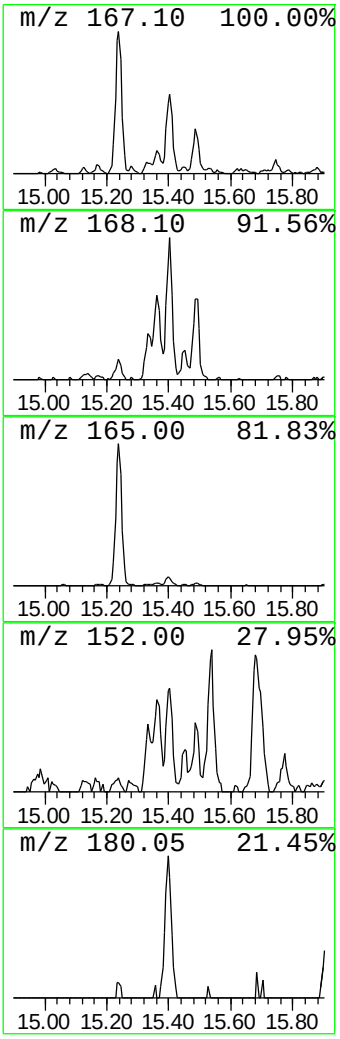
****

Peak Number 2 1,1'-Biphenyl, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.41 ng/ul	96046	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
2	Diphenylmethane	168	C13H12	000101-81-5	68
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	68
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

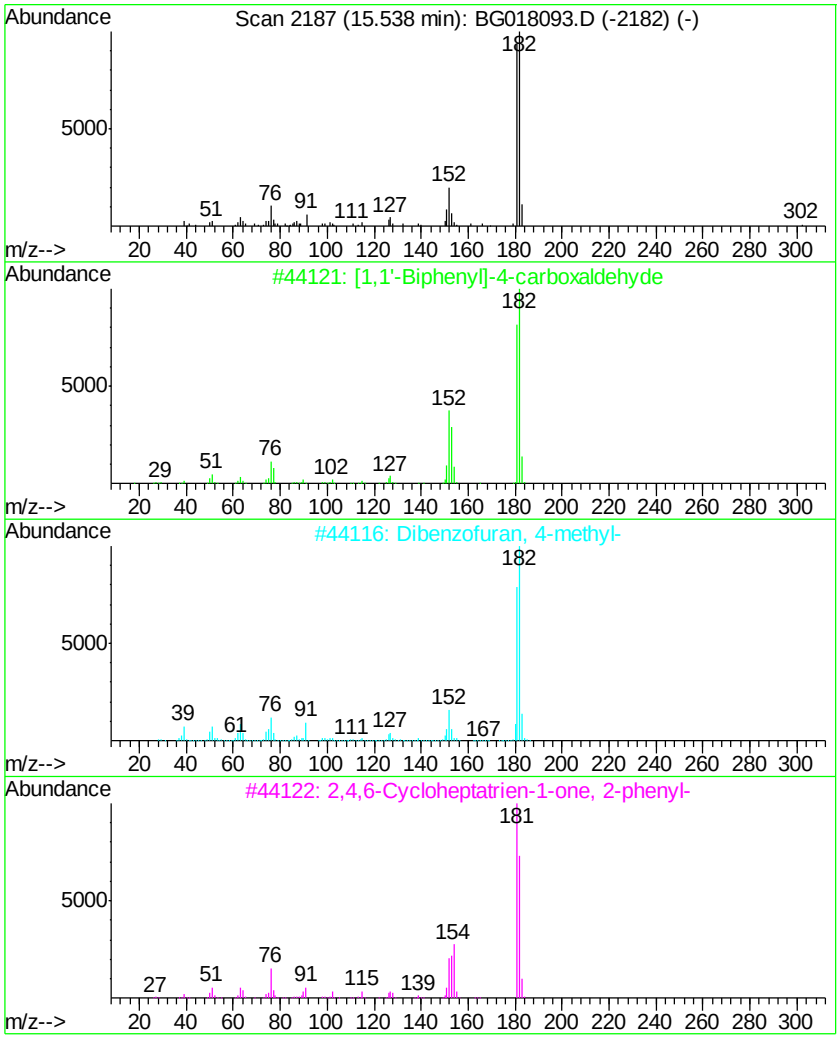
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

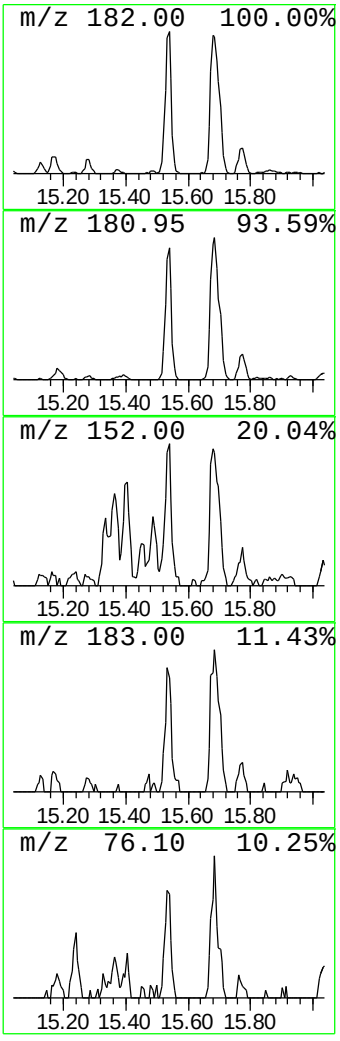
****

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.76 ng/ul	109867	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

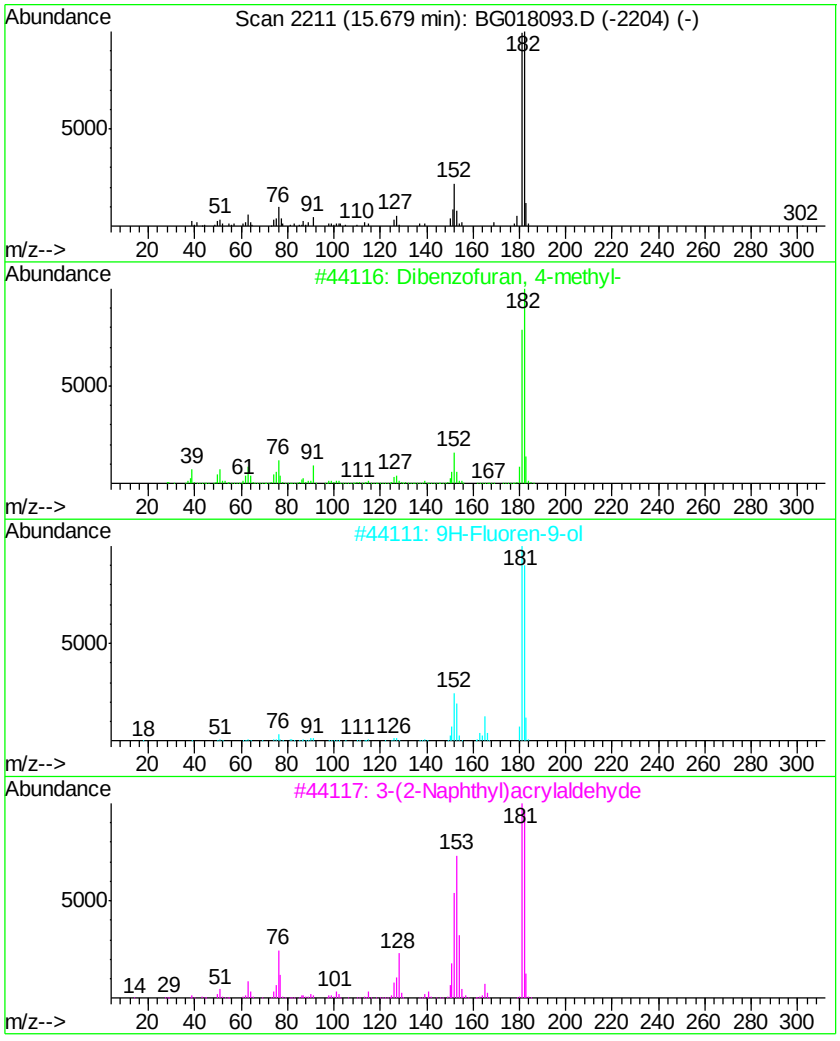
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

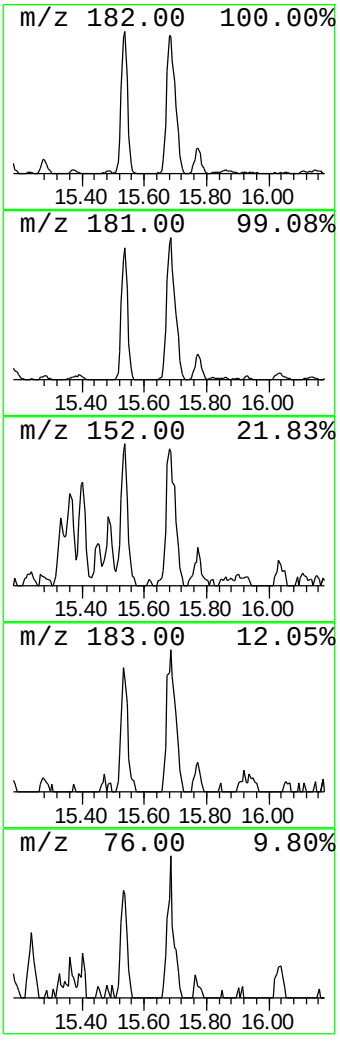
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.07 ng/ul	150995	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

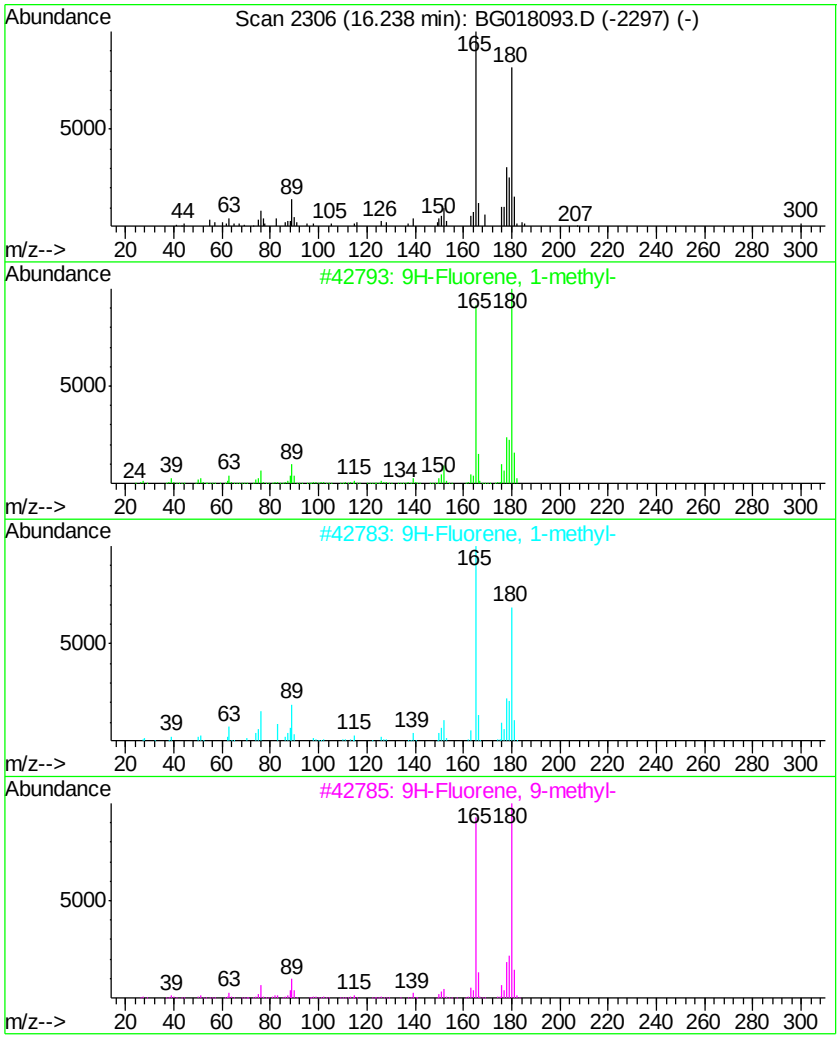
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

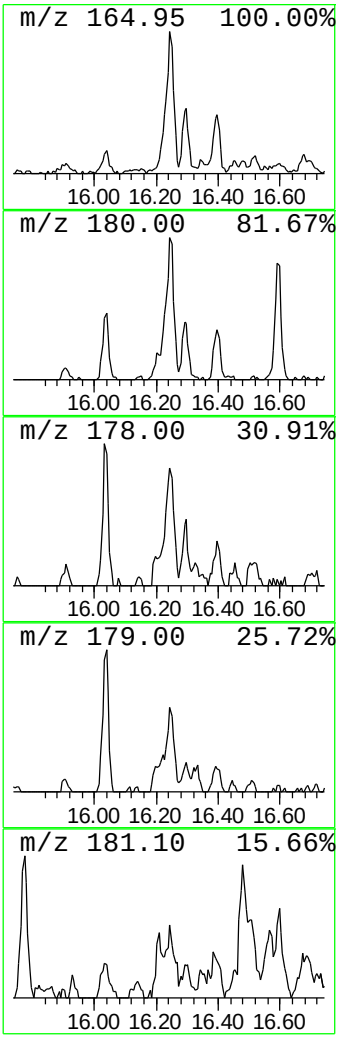
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.61 ng/ul	128417	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93





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Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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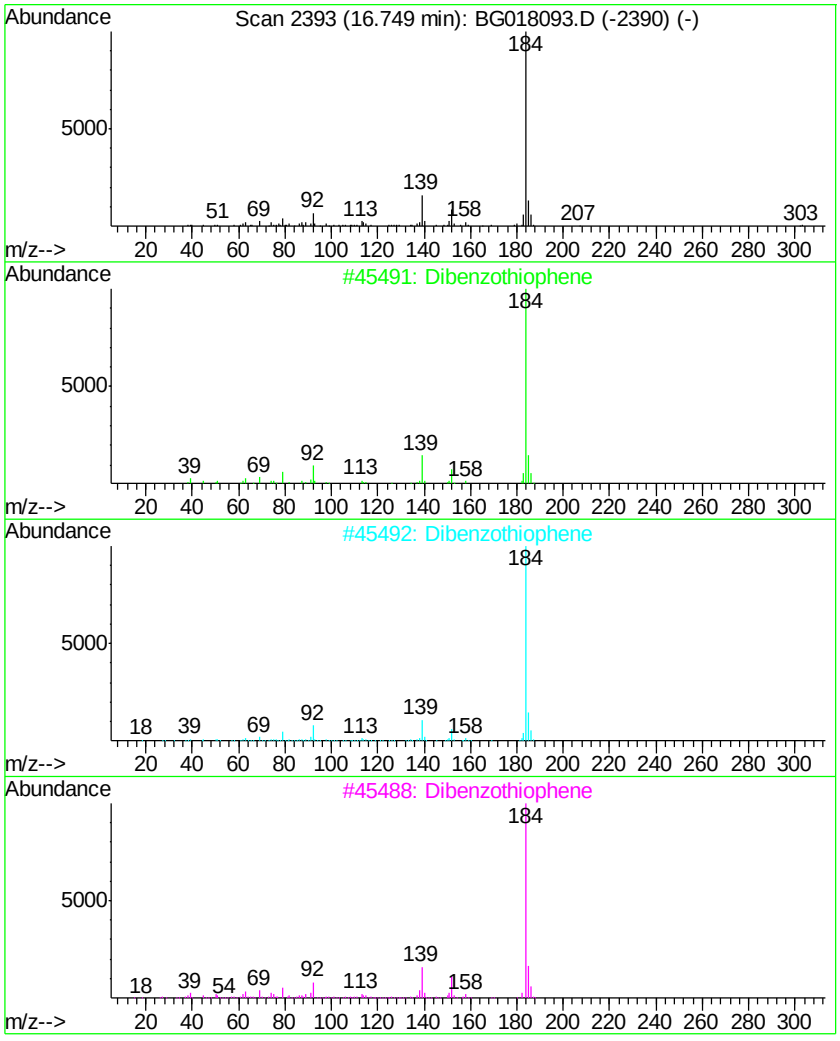
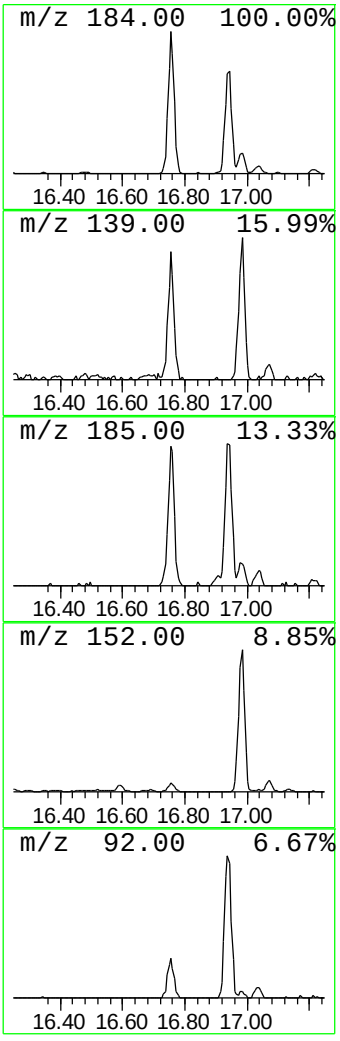
Peak Number 6 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.59 ng/ul	176428	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91





Library Search Compound Report

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Sample : G3035-20DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : C02D9DL

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Quant Title : SVOA CALIBRATION

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

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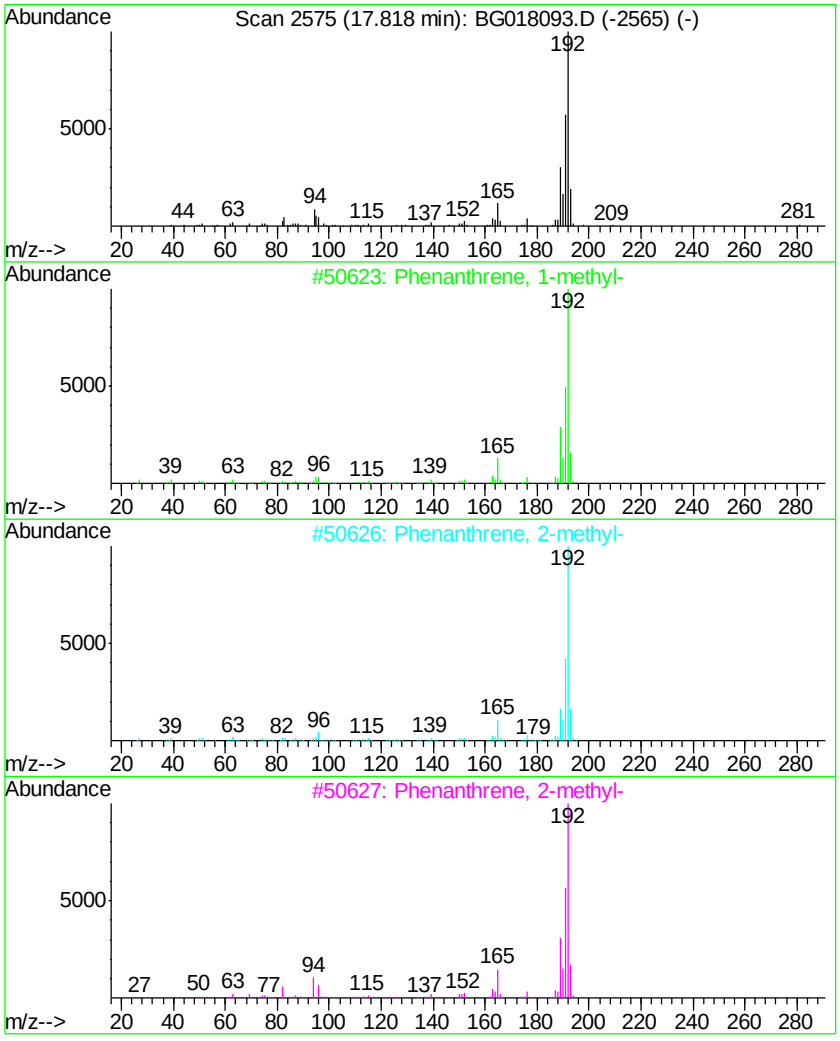
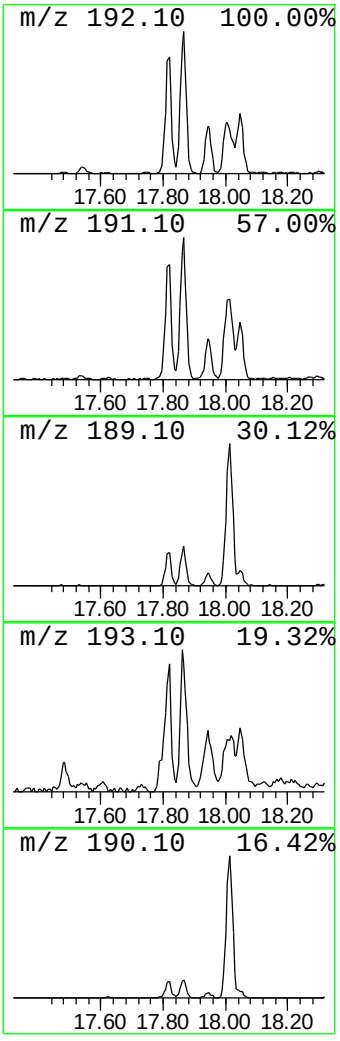
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.92 ng/ul	192507	Phenanthrene-d10	16.94

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





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Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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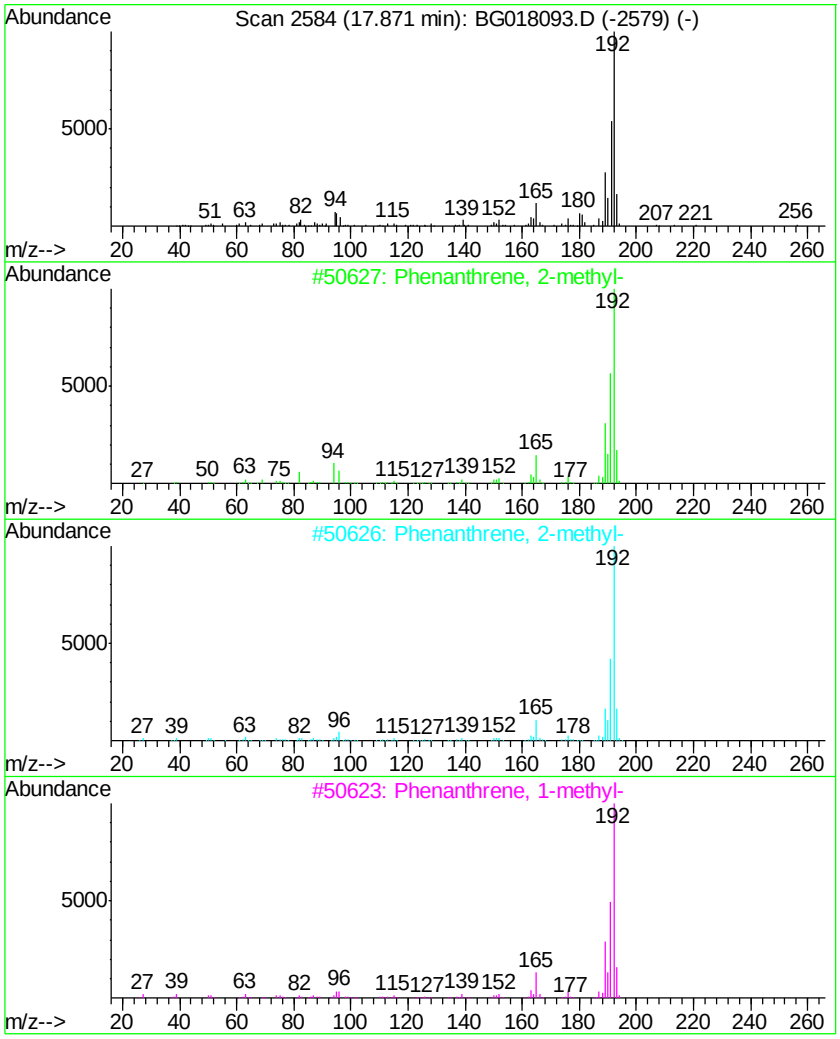
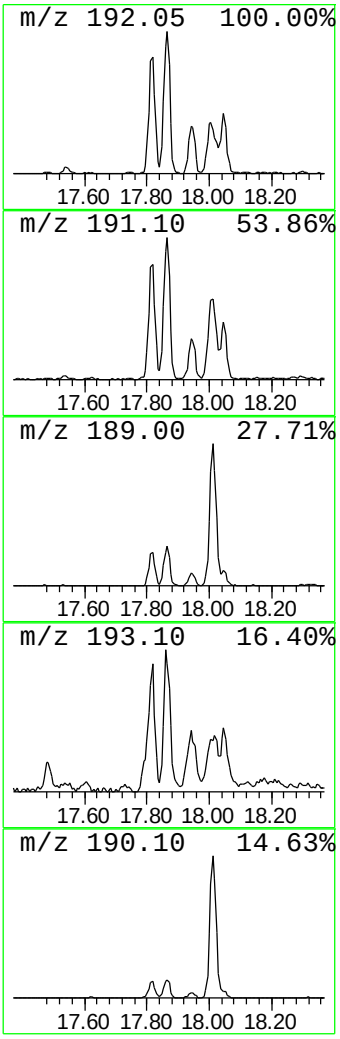
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.71 ng/ul	231681	Phenanthrene-d10	16.94

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





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Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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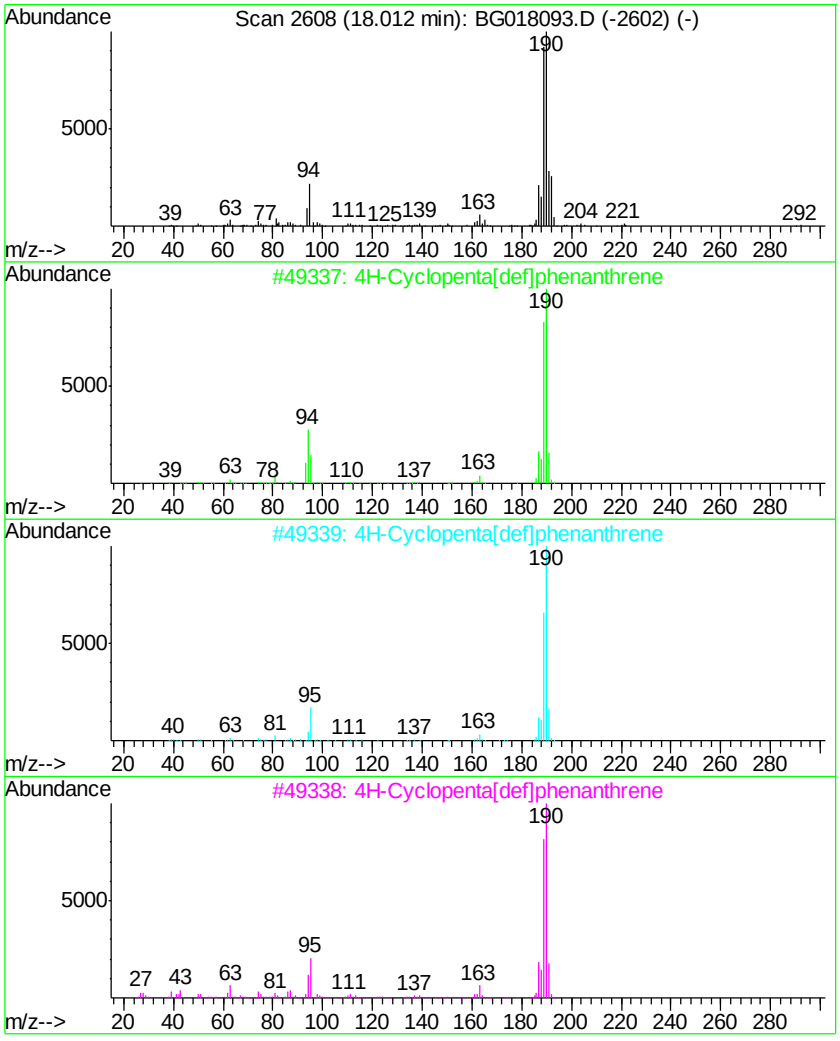
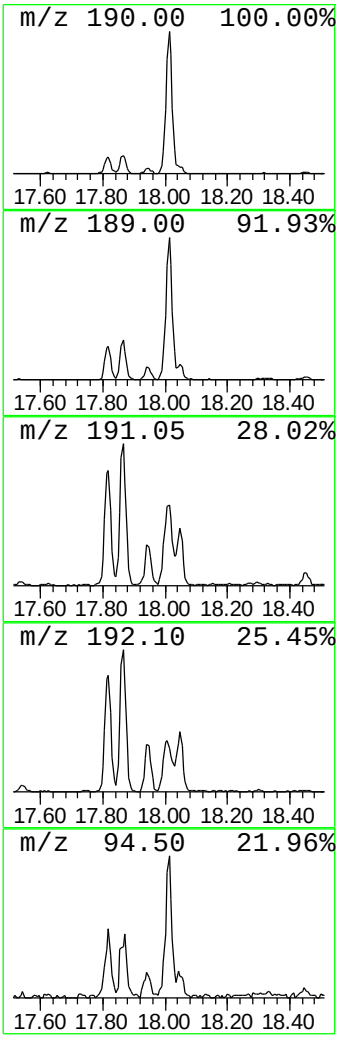
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.97 ng/ul	342408	Phenanthrene-d10	16.94

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	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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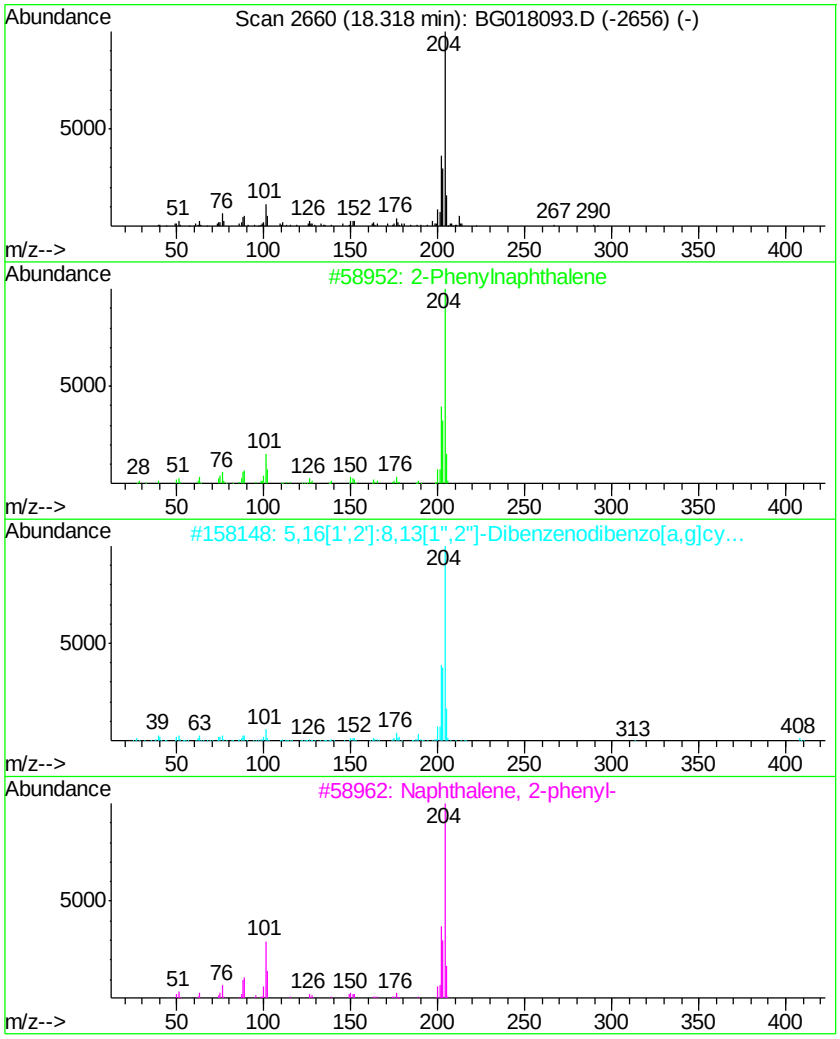
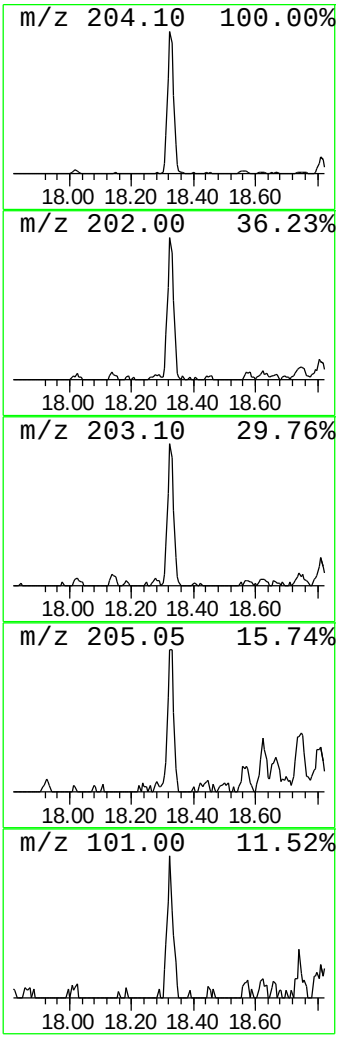
Peak Number 10 2-Phenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.43 ng/ul	119204	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
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	74





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Acq On : 24 Jul 2015 17:25
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Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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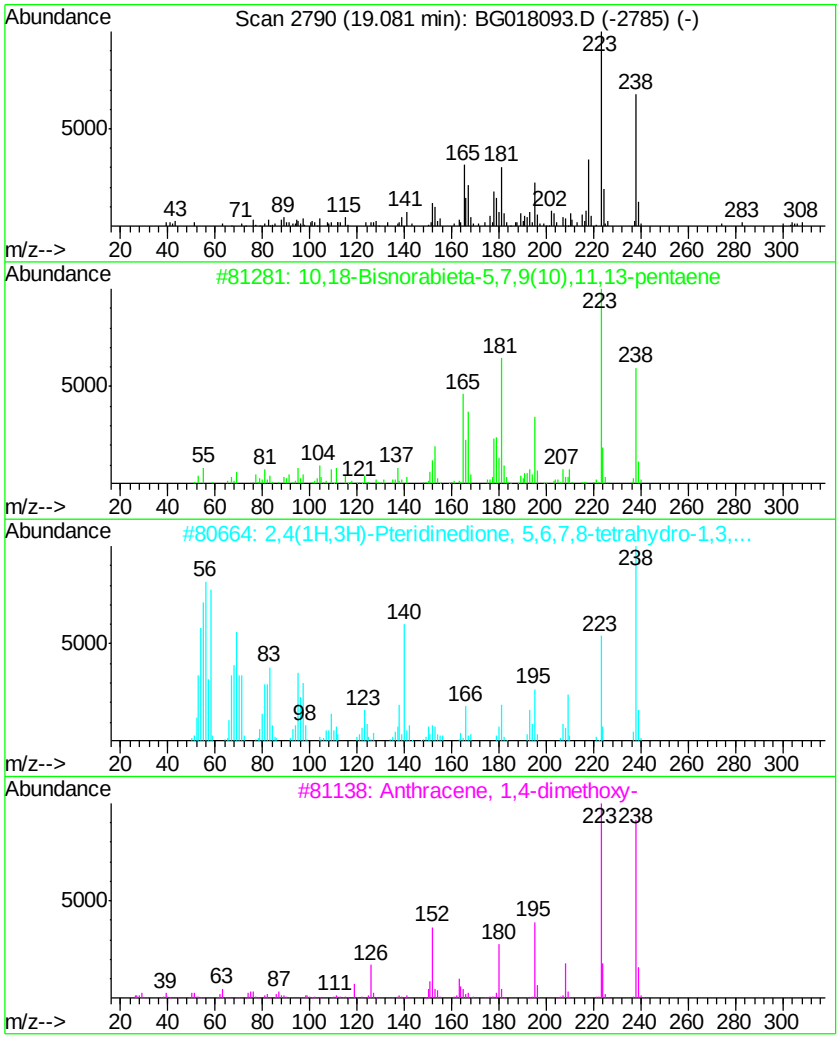
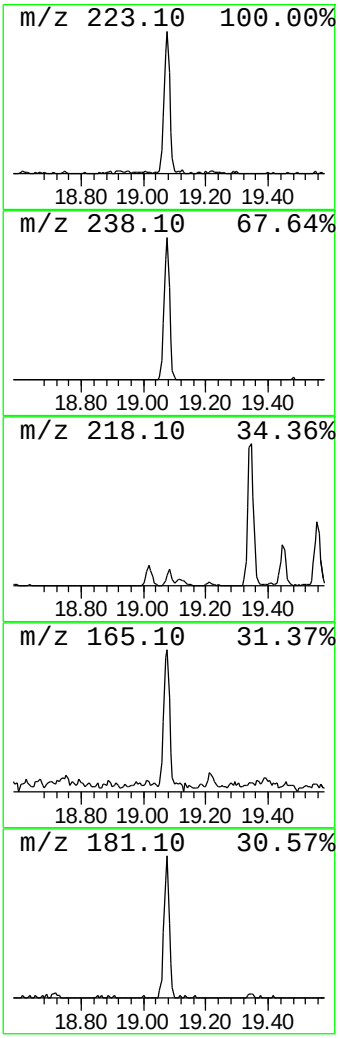
Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.49 ng/ul	171188	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	2,4(1H,3H)-Pteridinedione, 5,6,7...	238	C11H18N4O2	037921-31-6	64
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	62
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	58
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52





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Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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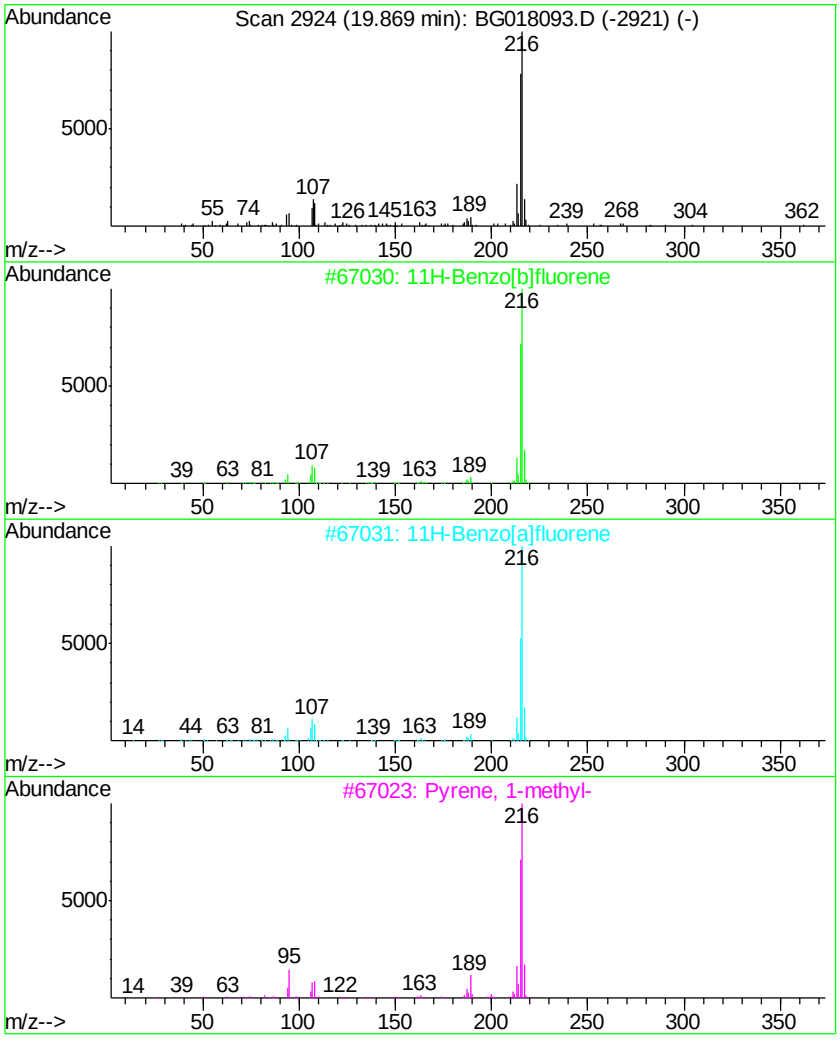
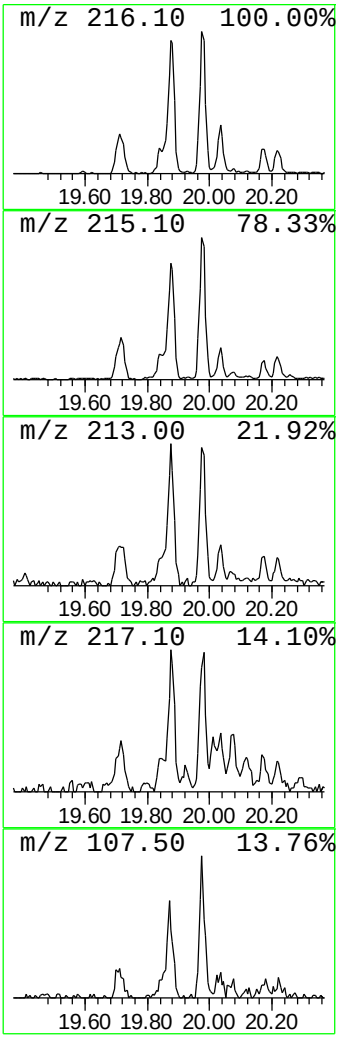
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.02 ng/ul	138925	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 24 Jul 2015 17:25
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Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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Quant Title : SVOA CALIBRATION

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

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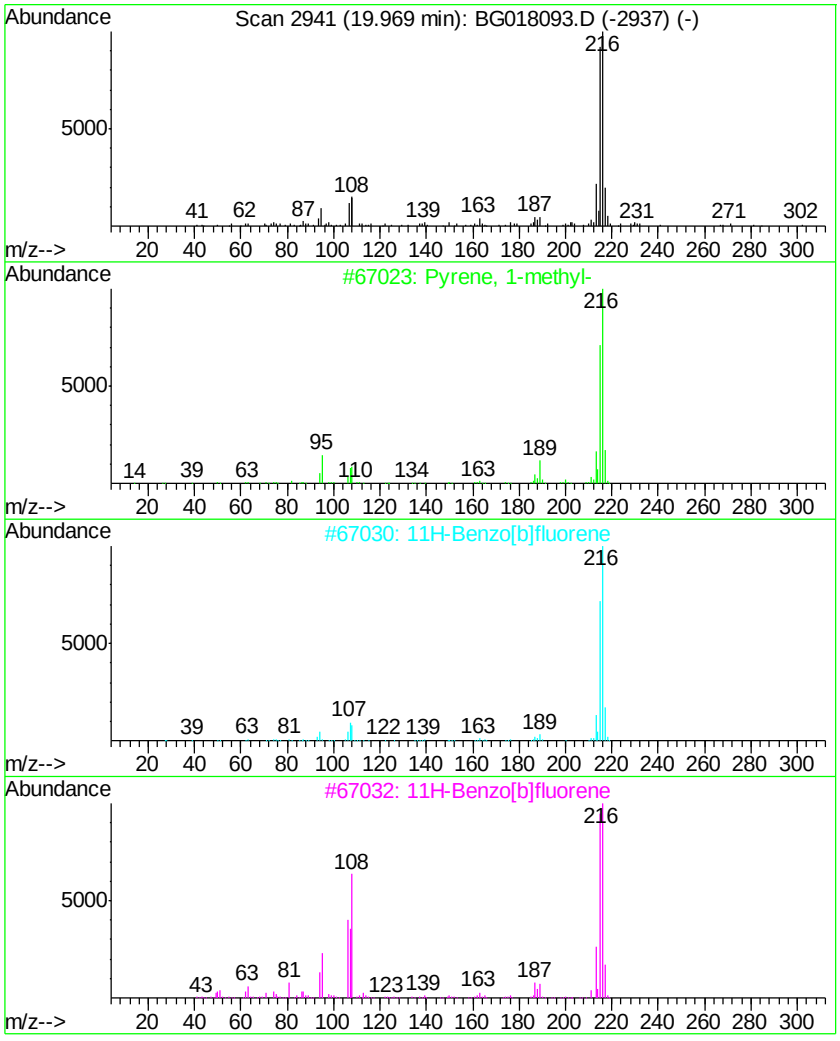
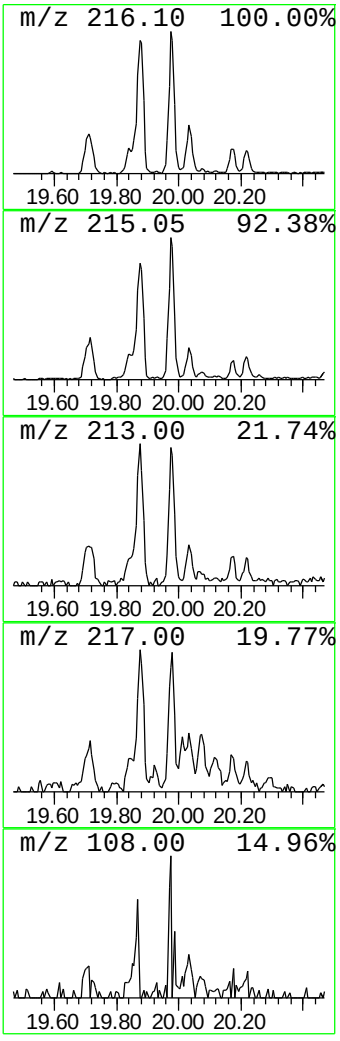
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.18 ng/ul	150235	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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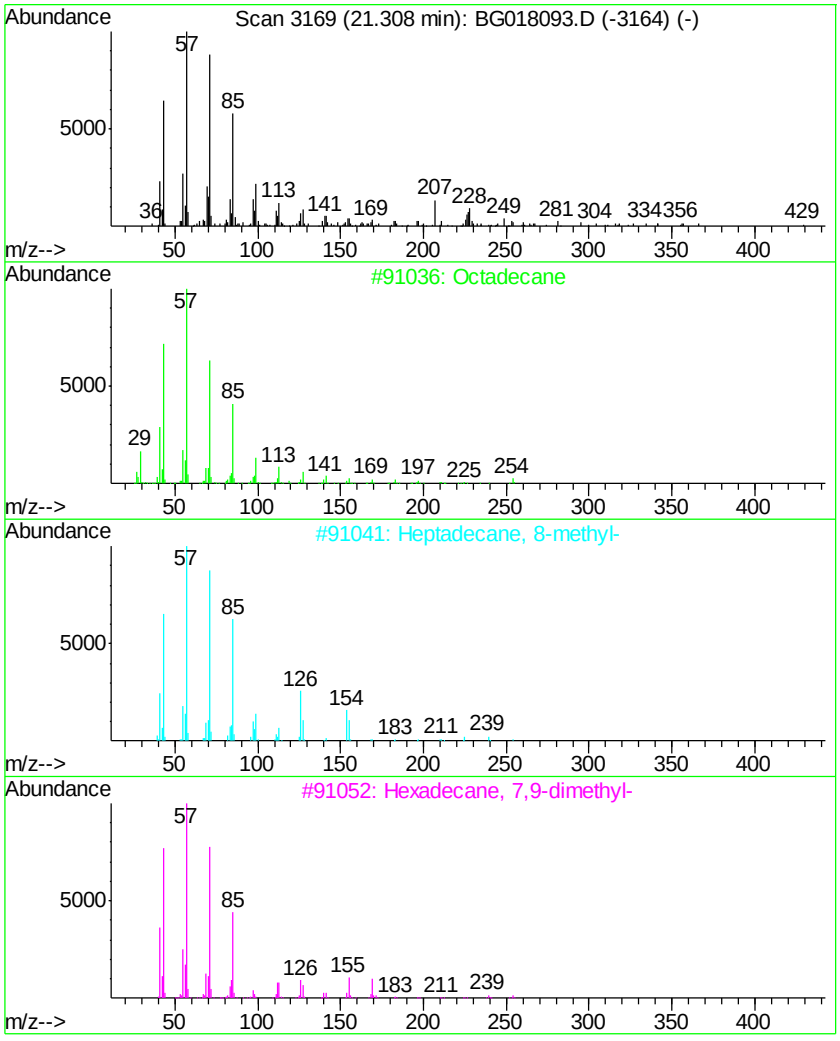
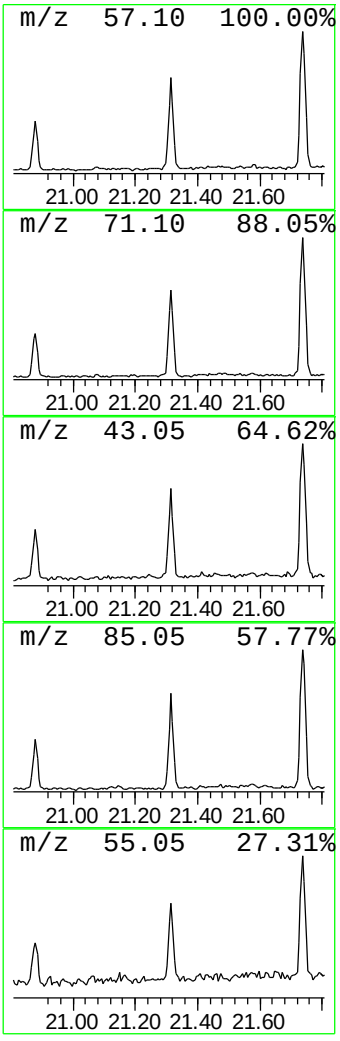
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.96 ng/ul	203687	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Octacosane	394	C28H58	000630-02-4	90





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Acq On : 24 Jul 2015 17:25
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Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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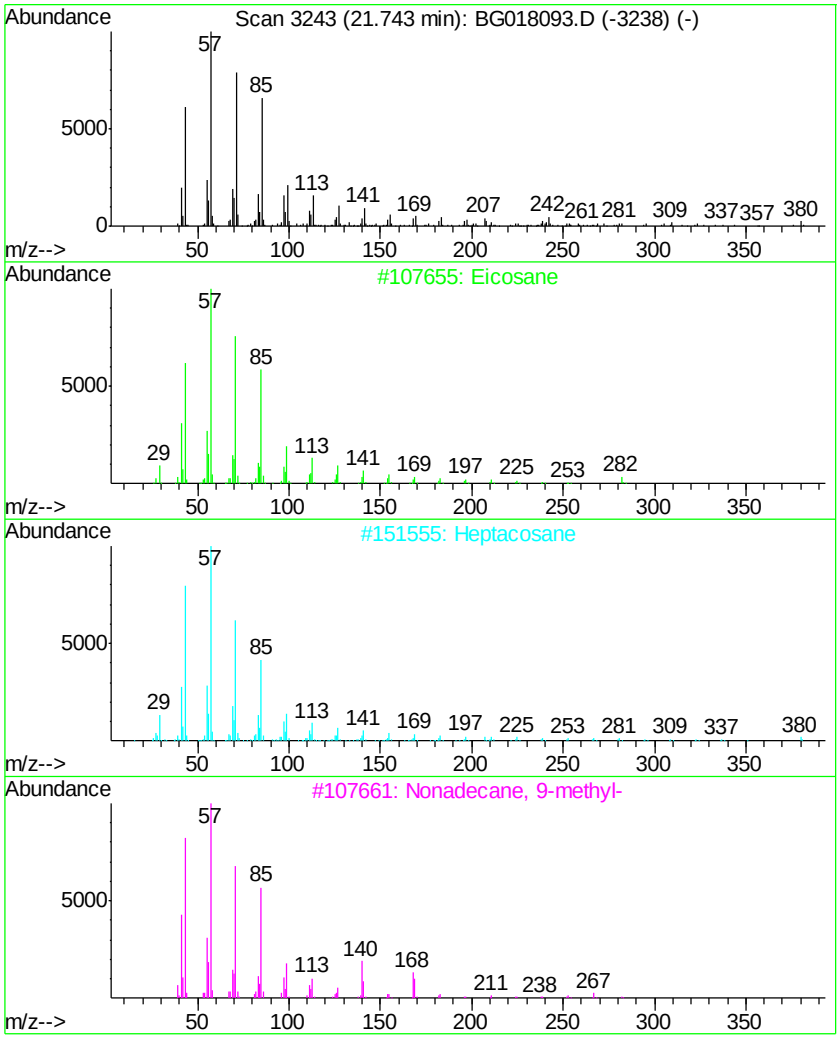
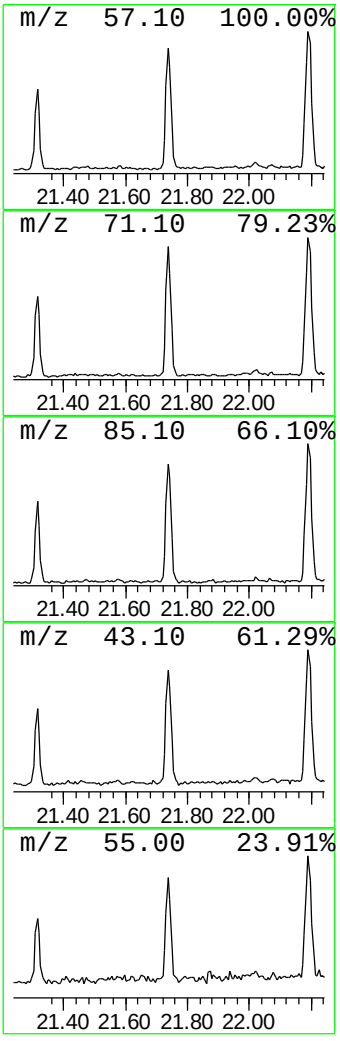
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	4.06 ng/ul	278941	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heptacosane	380	C27H56	000593-49-7	95
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
4	Nonadecane	268	C19H40	000629-92-5	91
5	Triacontane	422	C30H62	000638-68-6	90





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Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

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Quant Title : SVOA CALIBRATION

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

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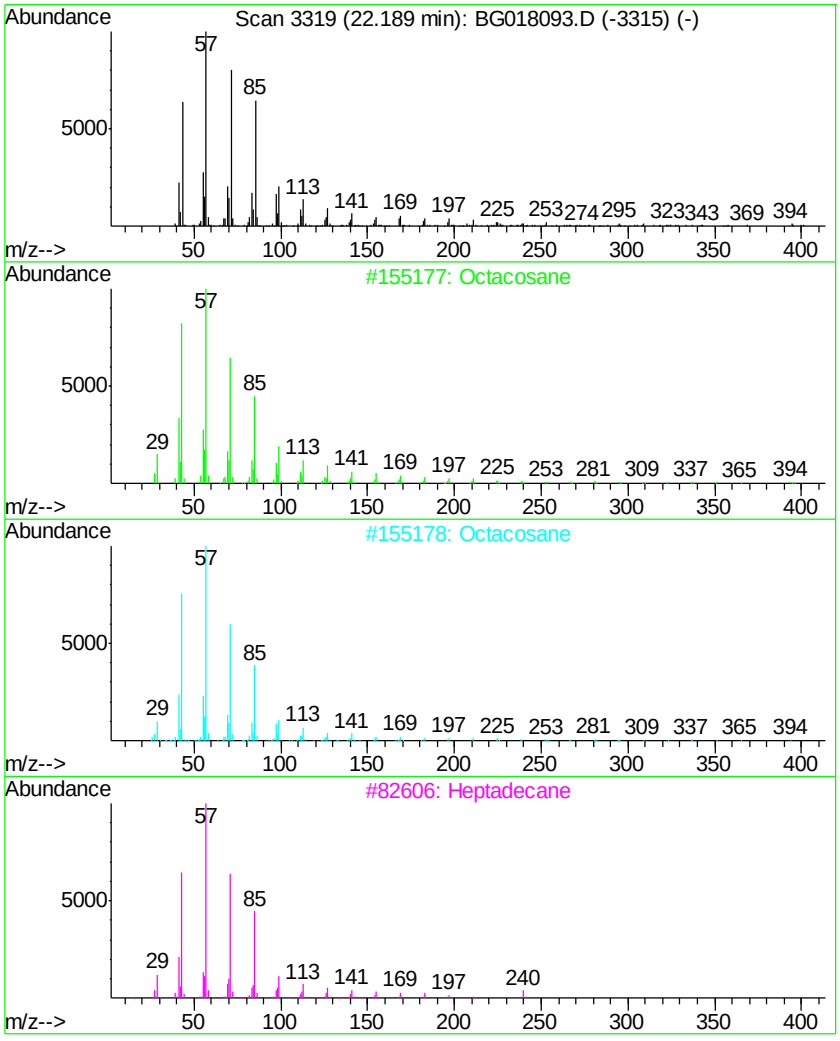
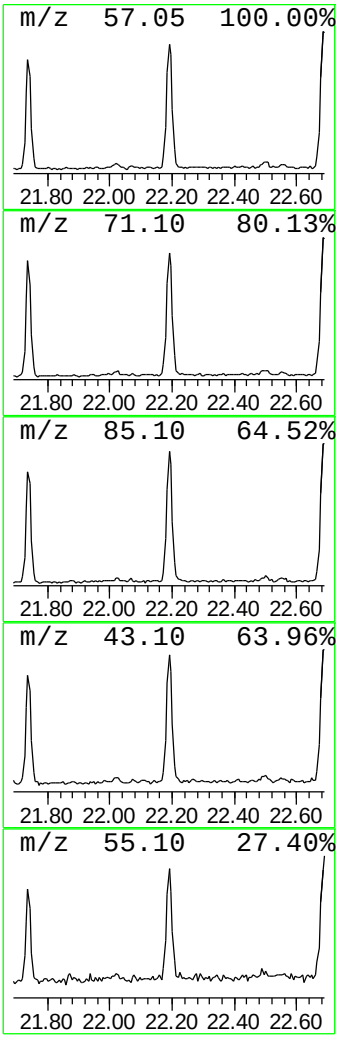
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	4.77 ng/ul	327949	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heptadecane	240	C17H36	000629-78-7	94
5	Tetratriacontane	479	C34H70	014167-59-0	91





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Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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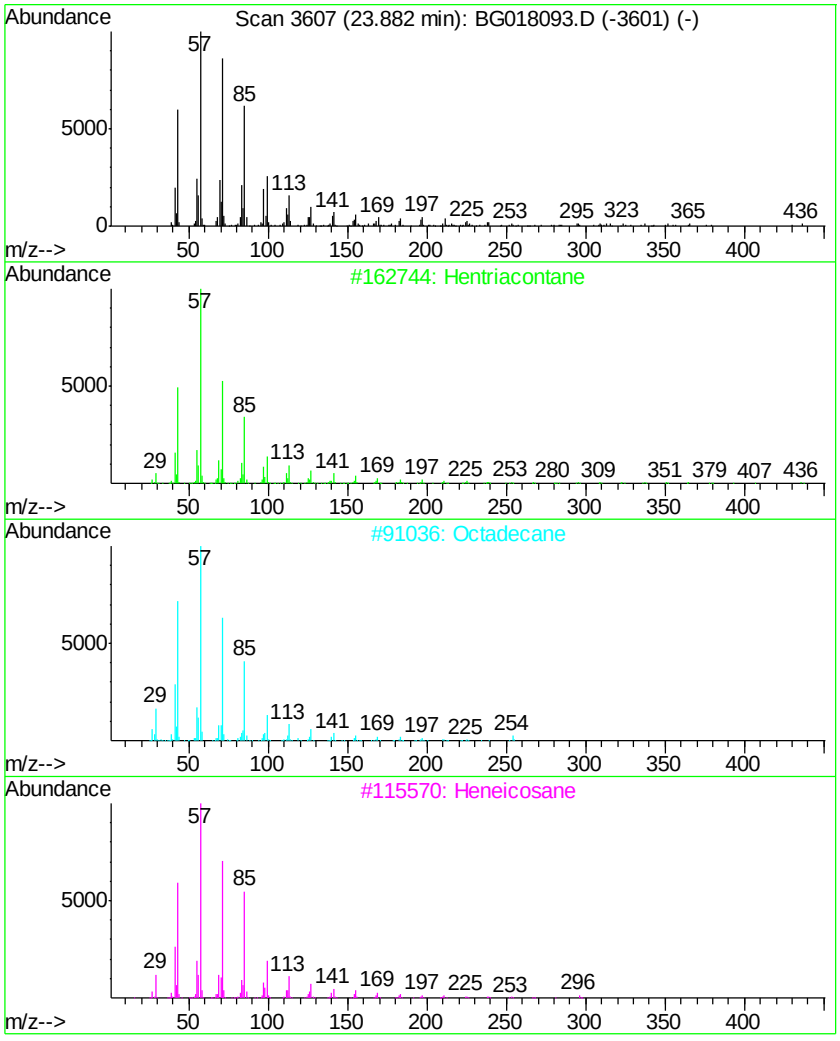
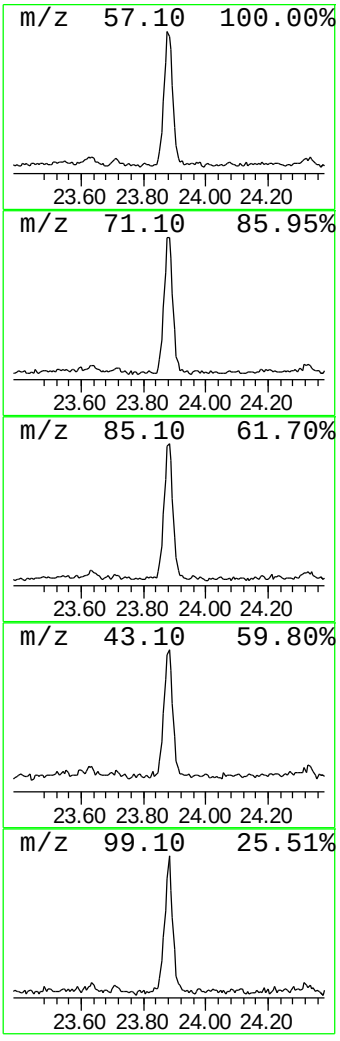
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	6.91 ng/ul	395078	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	96
2	Octadecane	254	C18H38	000593-45-3	95
3	Heneicosane	296	C21H44	000629-94-7	95
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

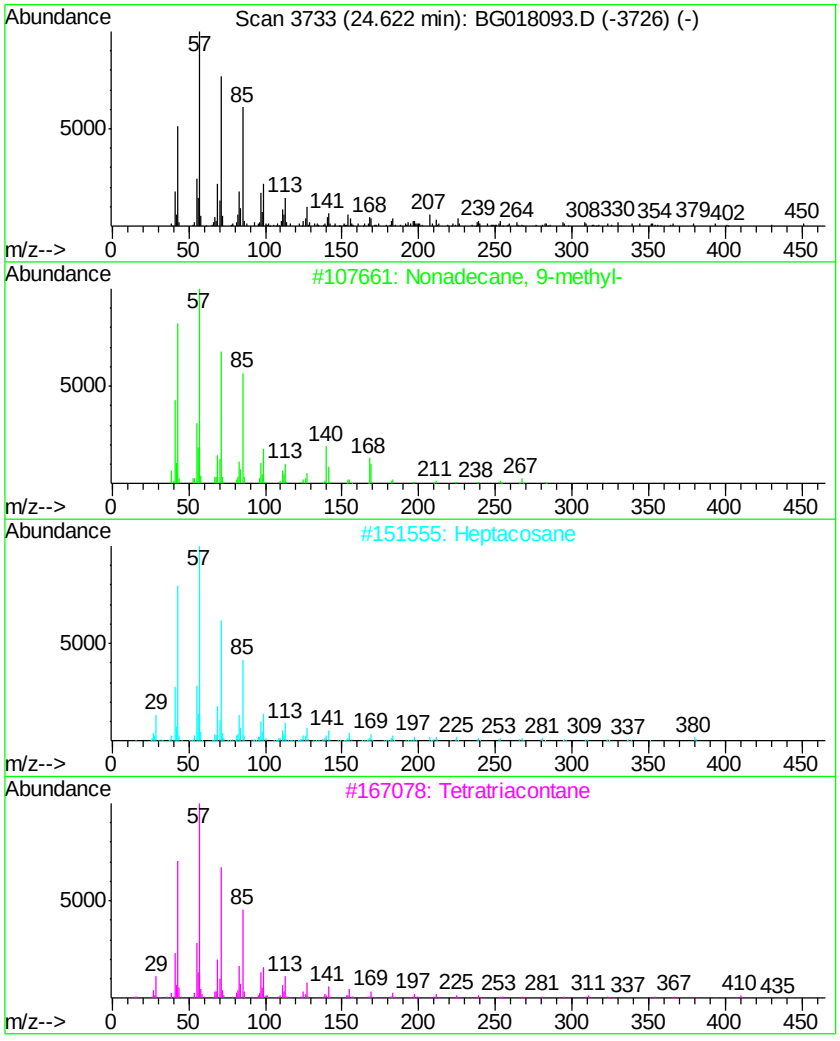
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

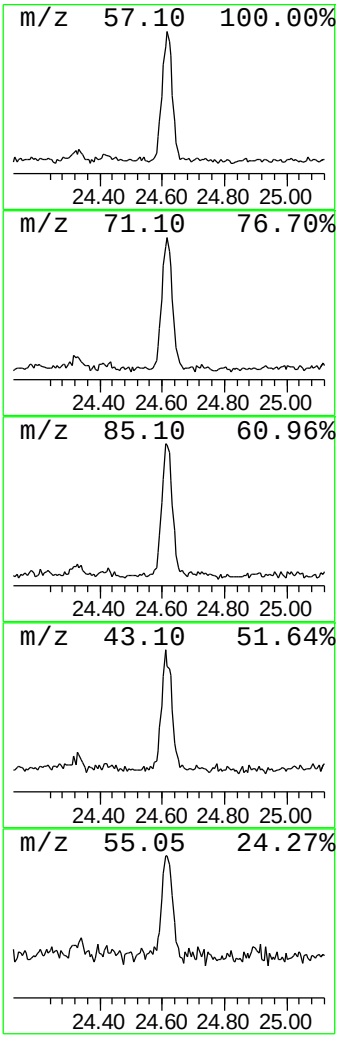
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	5.18 ng/ul	296437	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

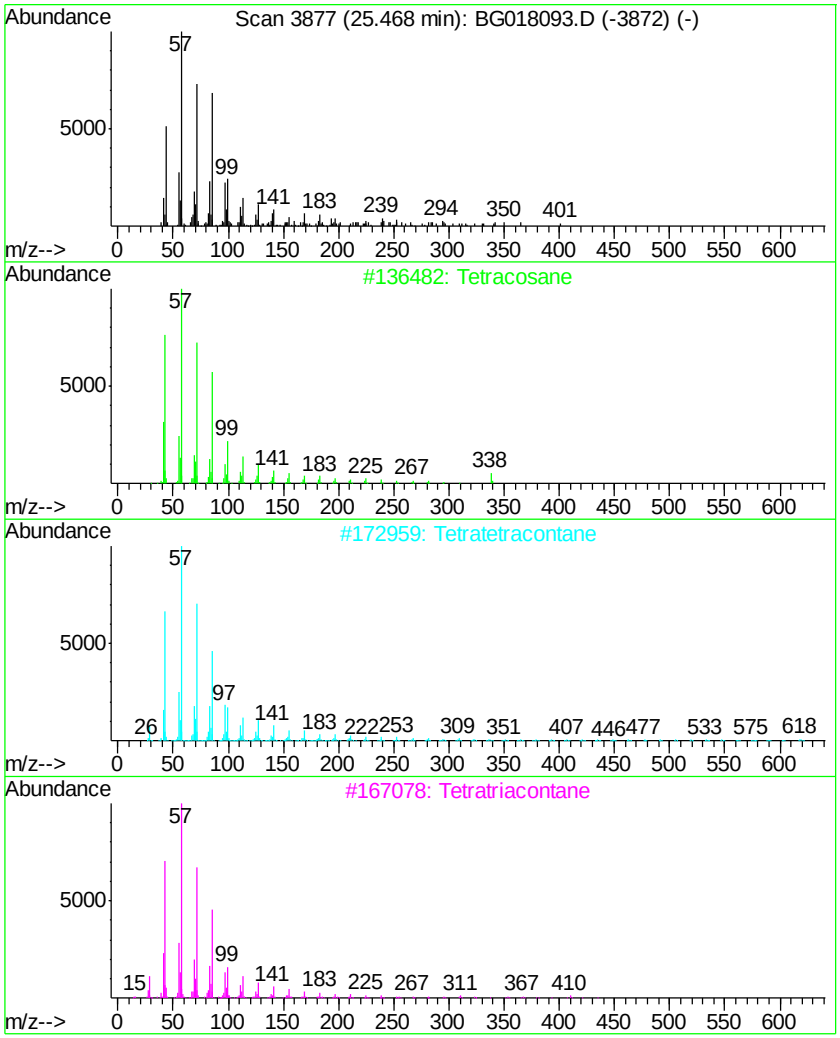
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

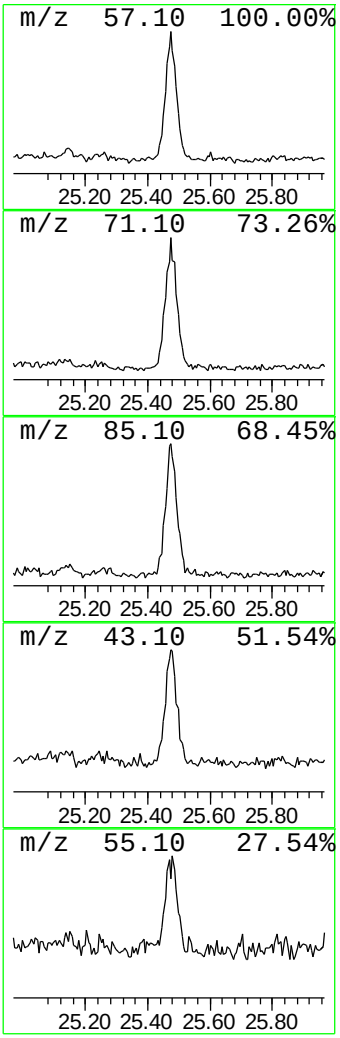
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.47	3.47 ng/ul	198361	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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
Naphthalene, 2,3-...	13.50	3.2	ng/ul	128981	3	14.18	797349	20.0
1,1'-Biphenyl, 4-...	15.40	2.4	ng/ul	96046	3	14.18	797349	20.0
[1,1'-Biphenyl]-4...	15.54	2.8	ng/ul	109867	3	14.18	797349	20.0
Dibenzofuran, 4-m...	15.68	3.1	ng/ul	150995	4	16.94	982784	20.0
9H-Fluorene, 1-me...	16.24	2.6	ng/ul	128417	4	16.94	982784	20.0
Dibenzothiophene	16.75	3.6	ng/ul	176428	4	16.94	982784	20.0
Phenanthrene, 1-m...	17.82	3.9	ng/ul	192507	4	16.94	982784	20.0
Phenanthrene, 2-m...	17.87	4.7	ng/ul	231681	4	16.94	982784	20.0
4H-Cyclopenta[def...	18.01	7.0	ng/ul	342408	4	16.94	982784	20.0
2-Phenylnaphthalene	18.32	2.4	ng/ul	119204	4	16.94	982784	20.0
10,18-Bisnorabiet...	19.08	2.5	ng/ul	171188	5	21.14	1375250	20.0
11H-Benzo[b]fluorene	19.87	2.0	ng/ul	138925	5	21.14	1375250	20.0
Pyrene, 1-methyl-	19.97	2.2	ng/ul	150235	5	21.14	1375250	20.0
(DEL) Alkane: Str...	21.31	3.0	ng/ul	203687	5	21.14	1375250	20.0
(DEL) Alkane: Str...	21.74	4.1	ng/ul	278941	5	21.14	1375250	20.0
(DEL) Alkane: Str...	22.19	4.8	ng/ul	327949	5	21.14	1375250	20.0
(DEL) Alkane: Str...	23.88	6.9	ng/ul	395078	6	23.34	1143890	20.0
(DEL) Alkane: Str...	24.62	5.2	ng/ul	296437	6	23.34	1143890	20.0
(DEL) Alkane: Str...	25.47	3.5	ng/ul	198361	6	23.34	1143890	20.0