LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

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-BG080416.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	7.266	745	754	767	rBV	323596	626577	4.27%	0.250%
2	7.642	811	818	829	rVB	328548	581152	3.96%	0.232%
3	8.112	890	898	907	rVB	401610	691984	4.72%	0.276%
4	8.829	1011	1020	1030	rBV2	437461	808547	5.51%	0.323%
5	9.287	1092	1098	1109	rVB	351257	663529	4.52%	0.265%
6	10.022	1216	1223	1235	rVB	547129	1008688	6.87%	0.403%
7	10.574	1309	1317	1326	rBV	625670	1219135	8.31%	0.487%
8	10.950	1374	1381	1387	rBV	792500	1426855	9.72%	0.570%
9	12.824	1692	1700	1708	rVB	434153	771724	5.26%	0.308%
10	13.957	1881	1893	1899	rBV4	388626	1026170	6.99%	0.410%
11	14.104	1911	1918	1923	rVV	768846	1470514	10.02%	0.587%
12	14.181	1923	1931	1935	rVV2	1171623	2434726	16.59%	0.972%
13	14.228	1935	1939	1946	rVB2	552899	828125	5.64%	0.331%
14	14.339	1952	1958	1962	rBV	392889	665074	4.53%	0.265%
15	14.480	1975	1982	1985	rBV	1248836	2197054	14.97%	0.877%
16	14.510	1985	1987	1996	rVB	838329	1152022	7.85%	0.460%
17	14.786	2029	2034	2040	rVB2	1522487	2418421	16.48%	0.965%
18	14.850	2040	2045	2051	rVB2	320544	573217	3.91%	0.229%
19	15.009	2063	2072	2078	rBV3	541223	1267588	8.64%	0.506%
20	15.179	2090	2101	2108	rVB2	719177	1373339	9.36%	0.548%
21	15.256	2108	2114	2120	rVB	571667	883974	6.02%	0.353%
22	15.402	2131	2139	2143	rBV2	492067	990457	6.75%	0.395%
23	15.455	2143	2148	2152	rVB	409560	595638	4.06%	0.238%
24	15.573	2160	2168	2171	rBV4	350352	873050	5.95%	0.348%
25	15.784	2199	2204	2208	rVV	1881772	3020466	20.58%	1.206%
26	15.837	2208	2213	2224	rVV3	1354654	2678028	18.25%	1.069%
27	16.131	2256	2263	2270	rVB2	372059	864174	5.89%	0.345%
28	16.284	2284	2289	2296	rVB	446445	841215	5.73%	0.336%
29	16.507	2323	2327	2336	rVB4	453967	897628	6.12%	0.358%
30	16.848	2376	2385	2389	rBV2	775345	1789481	12.20%	0.714%
31	16.900	2389	2394	2398	rVV	689577	1052191	7.17%	0.420%
32	16.994	2406	2410	2415	rVB	459255	714259	4.87%	0.285%
33	17.077	2415	2424	2428	rBV3	338260	848868	5.79%	0.339%
34	17.118	2428	2431	2438	rVV3	281860	567194	3.87%	0.226%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

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-BG080416.M
Title : SVOA CALIBRATION

35	17.206	2441	2446	2453	rVV2	627237	1112878	7.58%	0.444%
36	17.276	2453	2458	2464	rVV5	422375	801802	5.46%	0.320%
37	17.370	2469	2474	2481	rVB	1164897	1810500	12.34%	0.723%
38	17.558	2499	2506	2508	rBV	2180306	3523761	24.01%	1.407%
39	17.599	2508	2513	2518	rVV	8548201	14673328	100.00%	5.857%
40	17.652	2518	2522	2526	rVV	2121381	3399310	23.17%	1.357%
41	17.688	2526	2528	2532	rVV	1223664	1493218	10.18%	0.596%
42	17.746	2532	2538	2542	rVB2	481909	928008	6.32%	0.370%
43	17.964	2569	2575	2581	rVV3	643175	1455142	9.92%	0.581%
44	18.069	2589	2593	2596	rVV	379225	491692	3.35%	0.196%
45	18.140	2600	2605	2611	rVB	1306756	2074391	14.14%	0.828%
46	18.281	2624	2629	2637	rVB	863140	1732365	11.81%	0.692%
47	18.357	2637	2642	2646	rBV2	386063	619312	4.22%	0.247%
48	18.434	2649	2655	2659	rVV	4177721	6781298	46.22%	2.707%
49	18.487	2659	2664	2669	rVB	4857218	7517585	51.23%	3.001%
50	18.563	2672	2677	2682	rBV2	832978	1346828	9.18%	0.538%
51	18.628	2682	2688	2692	rVV2	3803791	7749566	52.81%	3.093%
52	18.663	2692	2694	2700	rVB	2892830	3890625	26.51%	1.553%
53	18.827	2717	2722	2726	rVB3	589316	902091	6.15%	0.360%
54	18.927	2734	2739	2743	rVV2	1852172	2697067	18.38%	1.077%
55	18.980	2743	2748	2756	rVB3	1735395	3239199	22.08%	1.293%
56	19.168	2772	2780	2785	rBV2	1369107	2836053	19.33%	1.132%
57	19.227	2785	2790	2793	rVV	1945638	2621800	17.87%	1.047%
58	19.262	2793	2796	2800	rVB2	1534766	1887777	12.87%	0.754%
59	19.344	2804	2810	2815	rBV	4139342	6796100	46.32%	2.713%
60	19.403	2815	2820	2824	rVV2	1409413	3058141	20.84%	1.221%
61	19.438	2824	2826	2830	rVB	1315986	1380093	9.41%	0.551%
62	19.491	2830	2835	2841	rBV4	1417162	3491459	23.79%	1.394%
63	19.614	2850	2856	2861	rVB	7408473	12299387	83.82%	4.910%
64	19.667	2861	2865	2868	rBV3	788207	1144879	7.80%	0.457%
65	19.708	2868	2872	2876	rVB	1069049	1623760	11.07%	0.648%
66	19.761	2877	2881	2885	rBV	1072612	1573302	10.72%	0.628%
67	19.855	2893	2897	2900	rBV2	585789	961760	6.55%	0.384%
68	19.949	2908	2913	2915	rBV3	2815693	4701014	32.04%	1.877%
69	19.985	2915	2919	2924	rVB	8760876	13405721	91.36%	5.351%
70	20.043	2924	2929	2934	rVB	2077435	3025426	20.62%	1.208%
71	20.131	2934	2944	2946	rBV2	753114	2100309	14.31%	0.838%

LSC Area Percent Report

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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

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-BG080416.M
Title : SVOA CALIBRATION

72	20.208	2953	2957	2963	rVB4	819452	1473308	10.04%	0.588%
73	20.308	2965	2974	2980	rBV6	1502194	4115602	28.05%	1.643%
74	20.466	2990	3001	3008	rVB	2136000	6330181	43.14%	2.527%
75	20.531	3009	3012	3014	rBV3	391045	514605	3.51%	0.205%
76	20.566	3014	3018	3022	rVV	1185377	1680686	11.45%	0.671%
77	20.631	3023	3029	3032	rVB	2056023	3017066	20.56%	1.204%
78	20.766	3048	3052	3056	rBV	1933753	2733450	18.63%	1.091%
79	20.813	3056	3060	3064	rVV	1343597	1858315	12.66%	0.742%
80	21.030	3093	3097	3099	rBV3	336739	490854	3.35%	0.196%
81	21.247	3130	3134	3141	rVB	1237826	2148120	14.64%	0.857%
82	21.347	3148	3151	3156	rVB	515060	712780	4.86%	0.285%
83	21.441	3157	3167	3171	rBV4	1215975	3127903	21.32%	1.249%
84	21.482	3171	3174	3179	rVB	866865	1244790	8.48%	0.497%
85	21.535	3179	3183	3188	rBV4	685187	1319937	9.00%	0.527%
86	21.600	3191	3194	3202	rVB	817768	1424361	9.71%	0.569%
87	21.864	3233	3239	3246	rBV3	3847398	10163728	69.27%	4.057%
88	21.929	3246	3250	3262	rVB	3425868	6652651	45.34%	2.656%
89	22.035	3264	3268	3273	rVB4	416932	743058	5.06%	0.297%
90	22.164	3285	3290	3300	rBV5	705672	1642499	11.19%	0.656%
91	22.563	3354	3358	3362	rBV	318003	523249	3.57%	0.209%
92	22.646	3363	3372	3379	rVV	1373463	3336024	22.74%	1.332%
93	22.722	3381	3385	3392	rVB	744965	1389611	9.47%	0.555%
94	22.933	3417	3421	3426	rBV2	572243	968798	6.60%	0.387%
95	24.208	3629	3638	3645	rBV3	1669734	5784466	39.42%	2.309%
96	24.972	3761	3768	3776	rBV	999801	2880636	19.63%	1.150%
97	25.054	3777	3782	3787	rVV2	838707	2016032	13.74%	0.805%
98	25.130	3788	3795	3807	rVB	1884437	5271792	35.93%	2.104%
99	25.289	3814	3822	3830	rBV2	913312	2660725	18.13%	1.062%
100	29.201	4480	4488	4510	rVB2	691296	3324325	22.66%	1.327%

Sum of corrected areas: 250517563

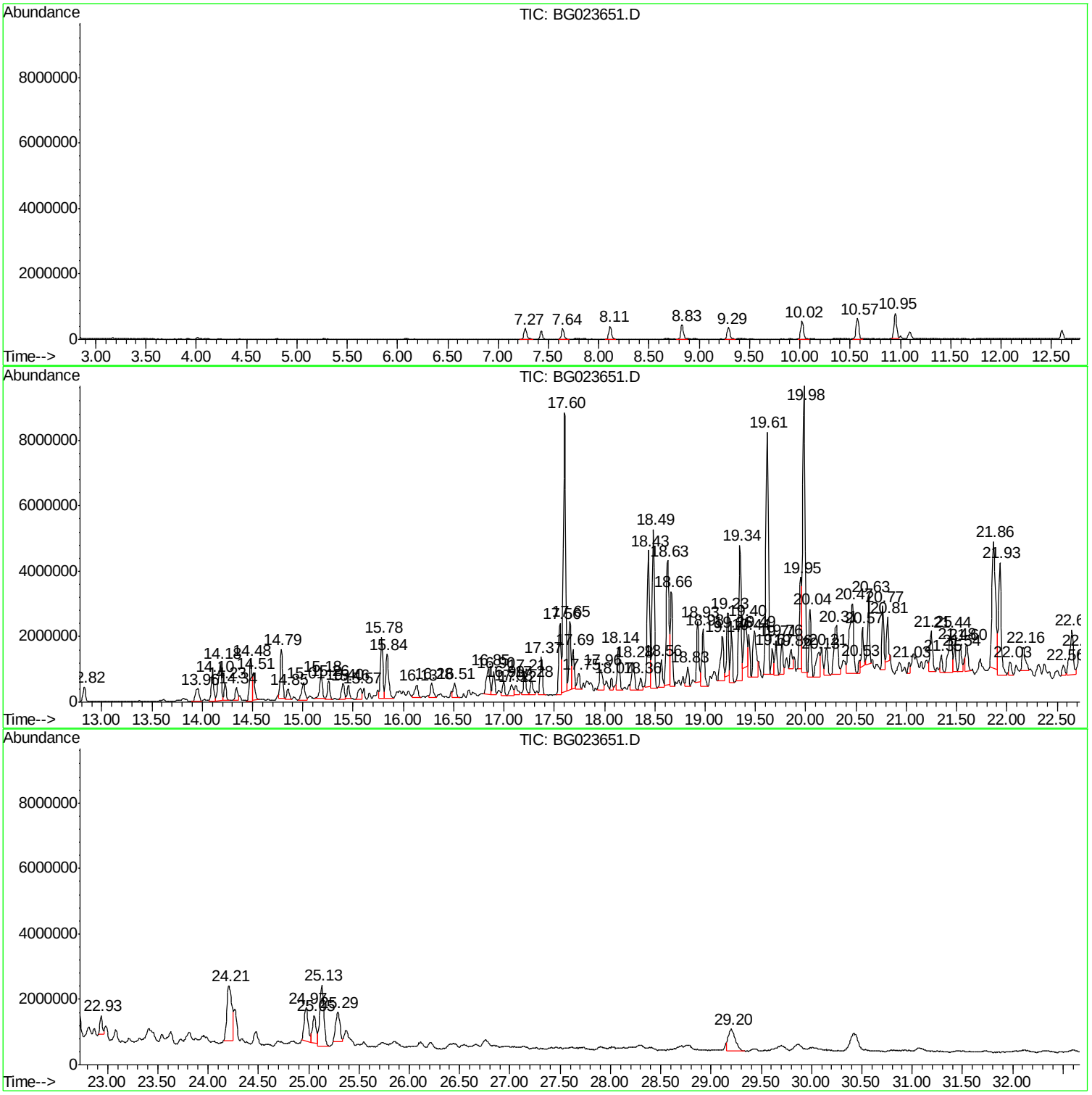
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

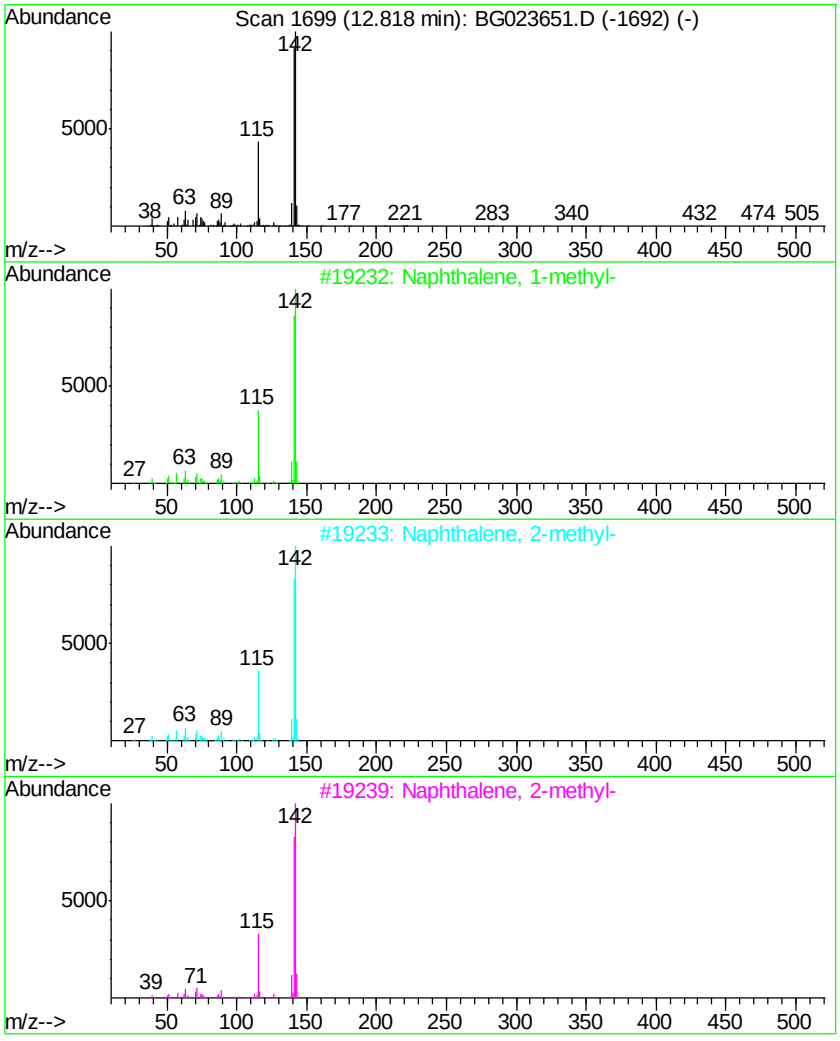
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

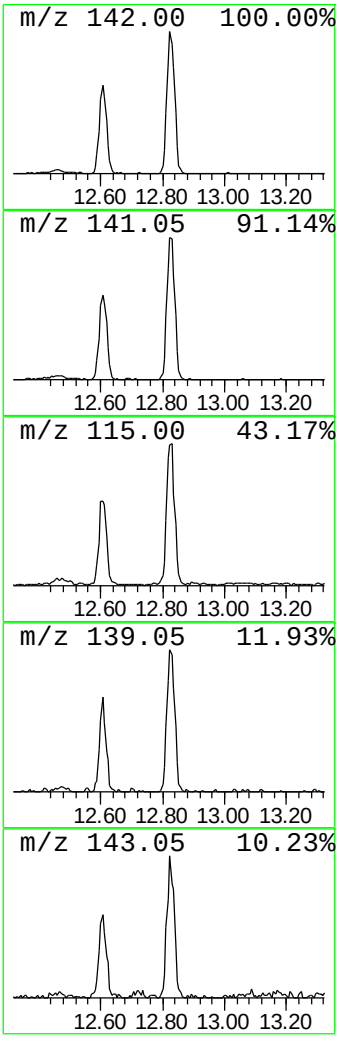
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	10.82 ng/ul	771724	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

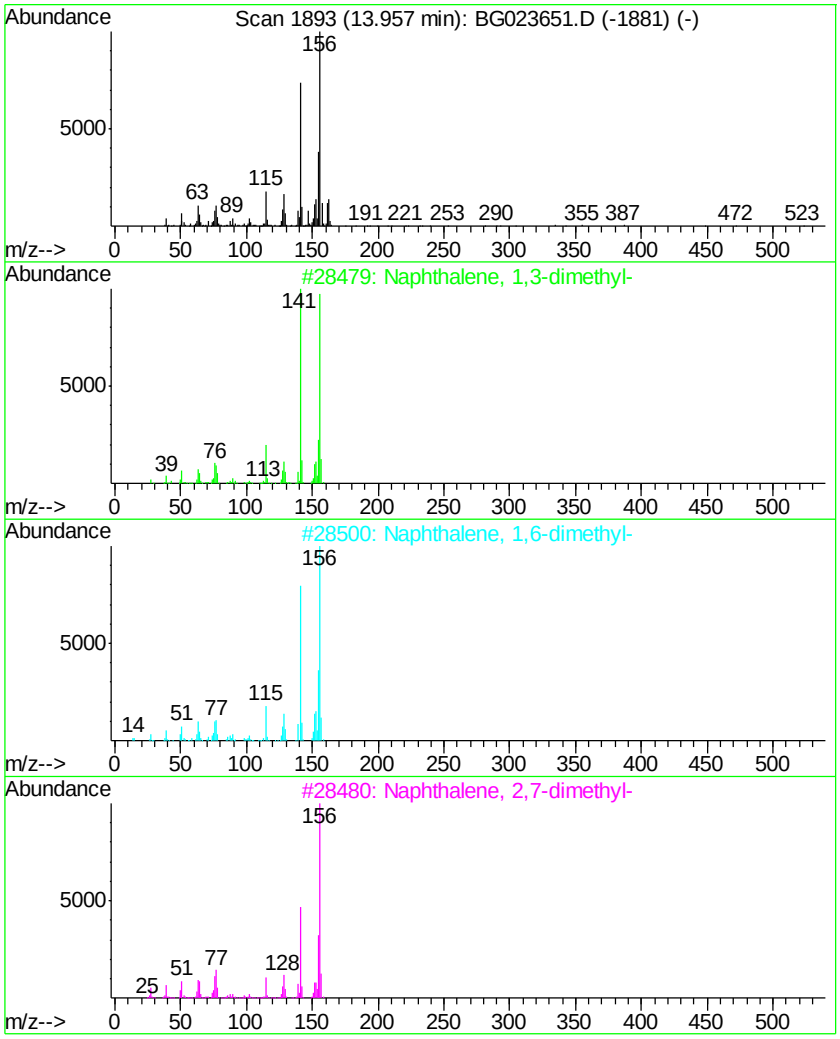
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

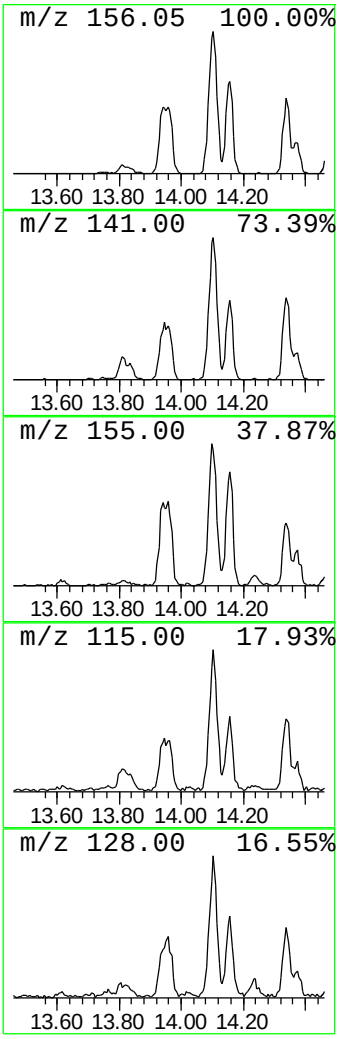
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	8.49 ng/ul	1026170	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

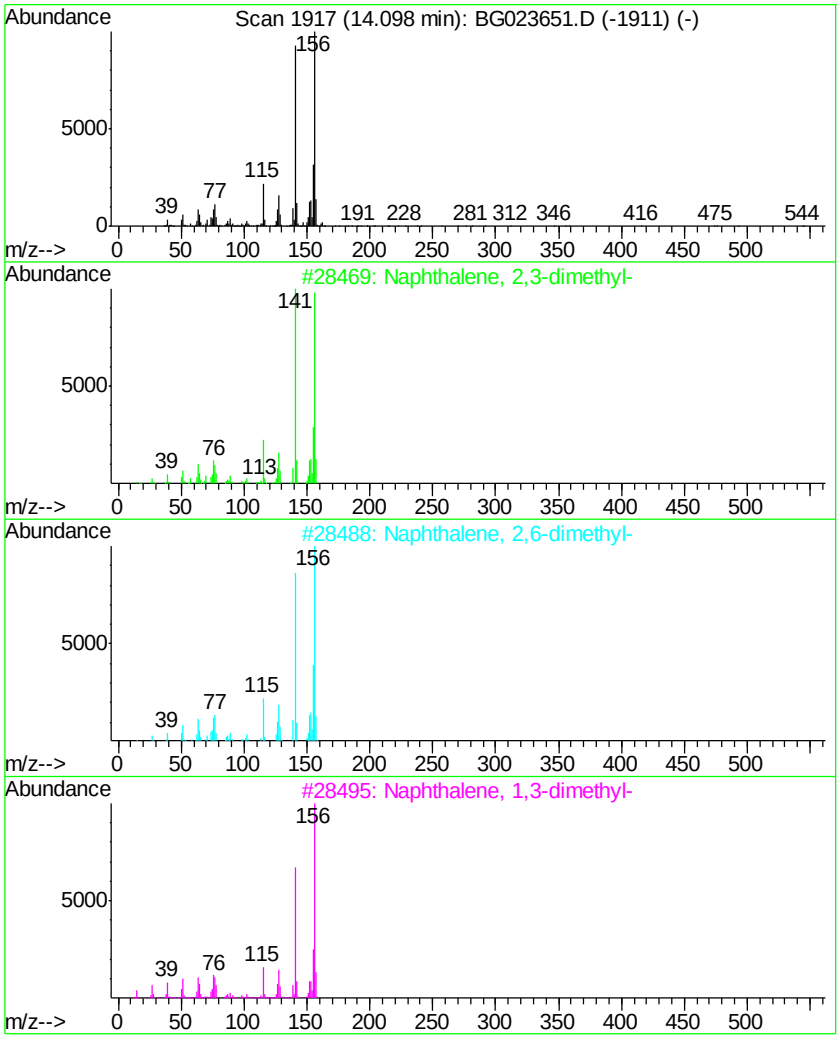
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

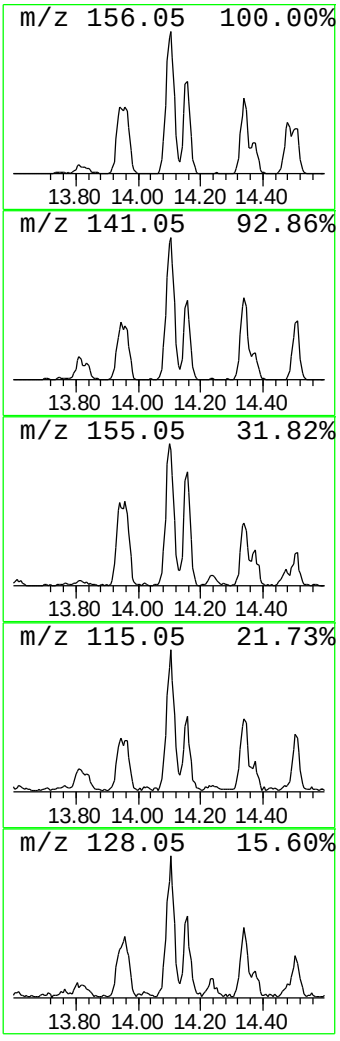
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	12.16 ng/ul	1470510	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

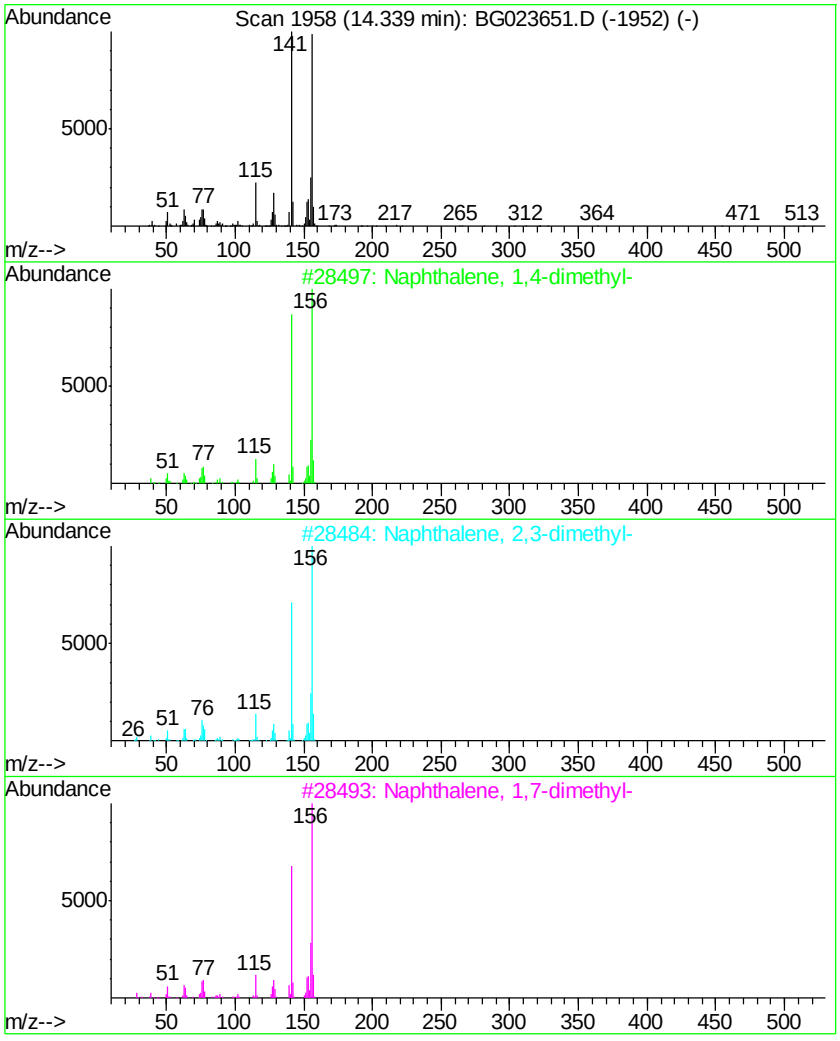
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

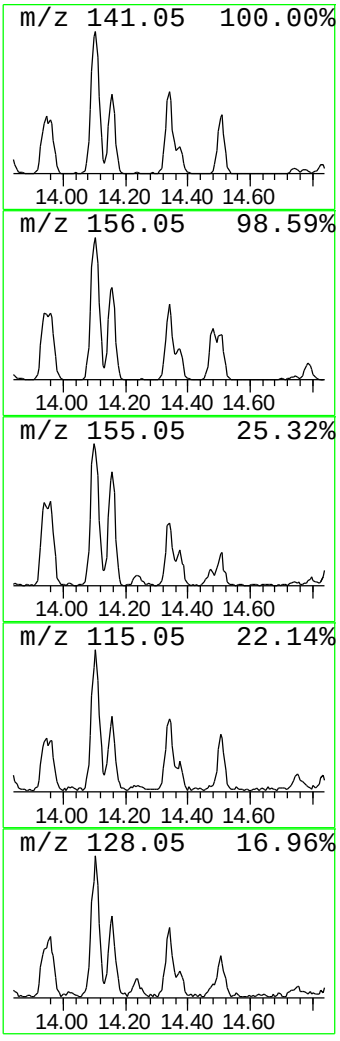
****

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.50 ng/ul	665074	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

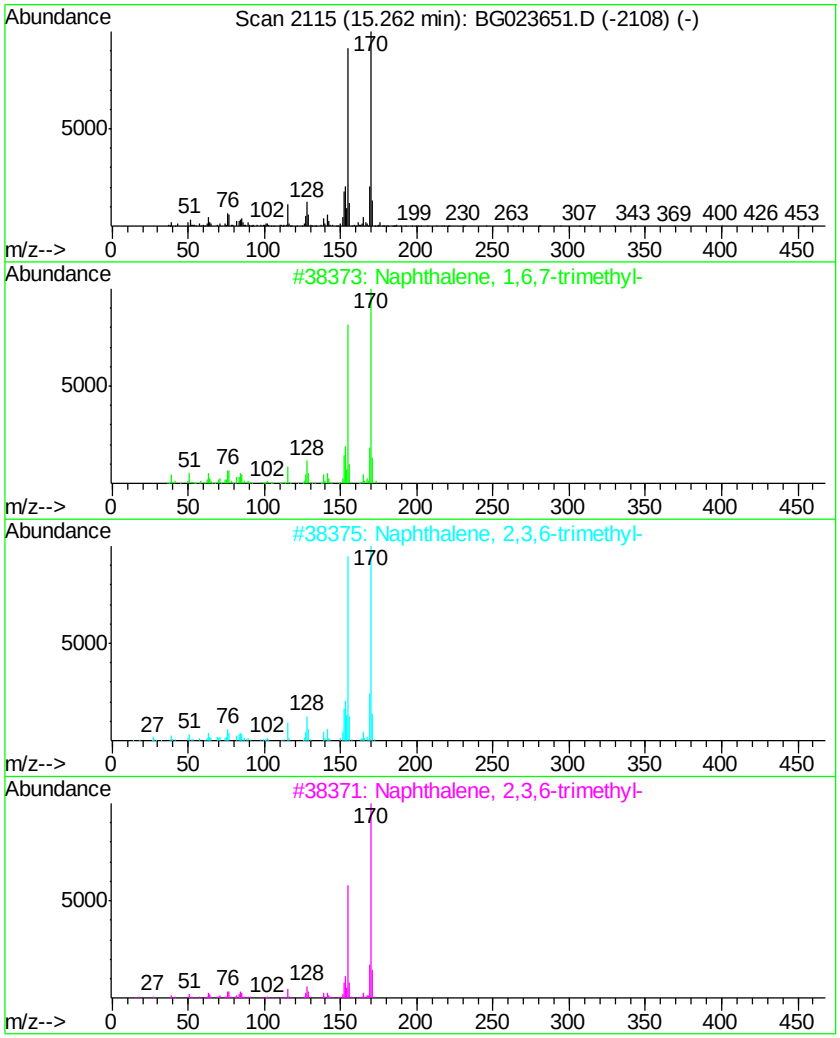
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

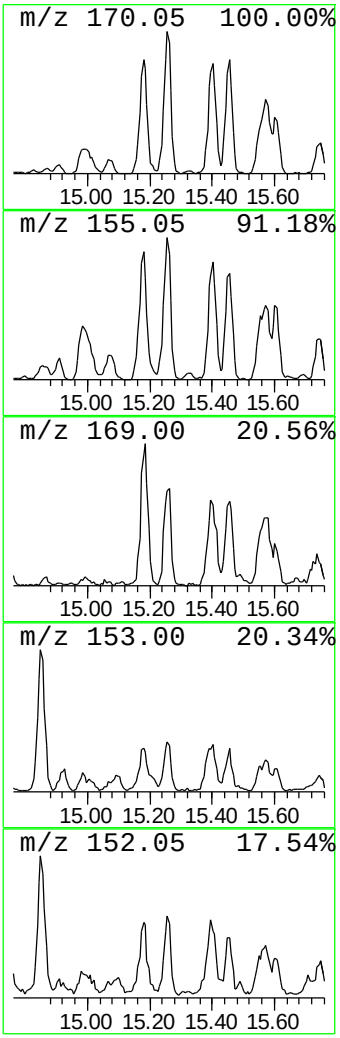
****

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	7.31 ng/ul	883974	Acenaphthene-d10	14.79

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





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

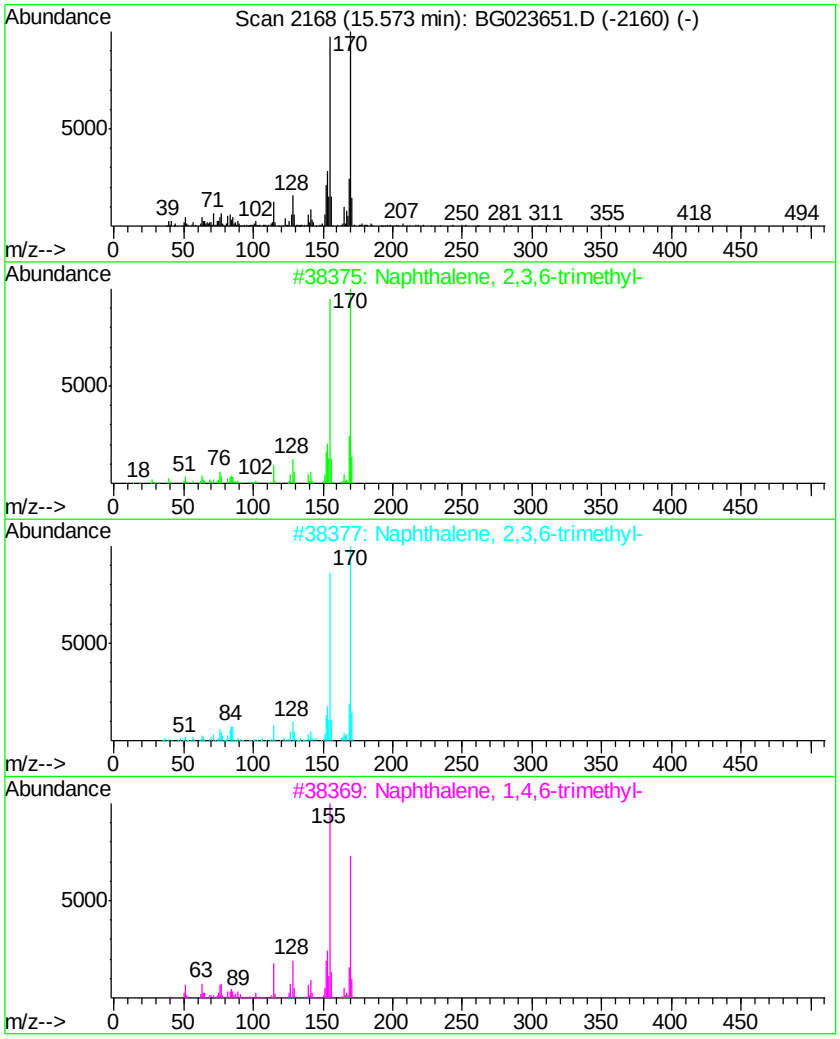
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

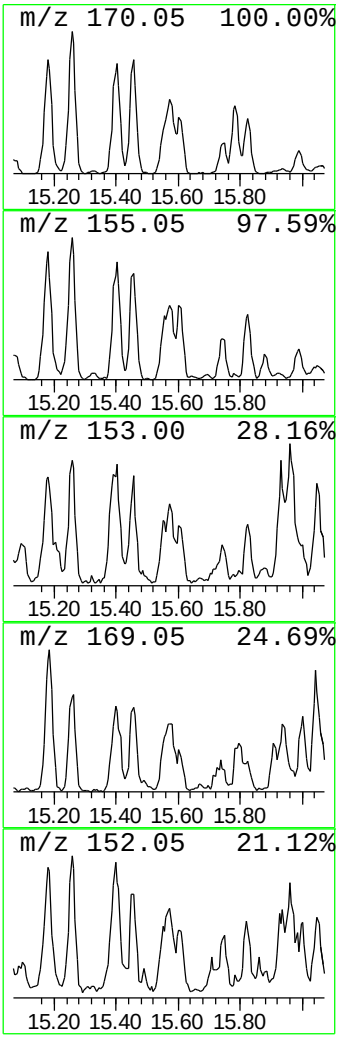
****

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.22 ng/ul	873050	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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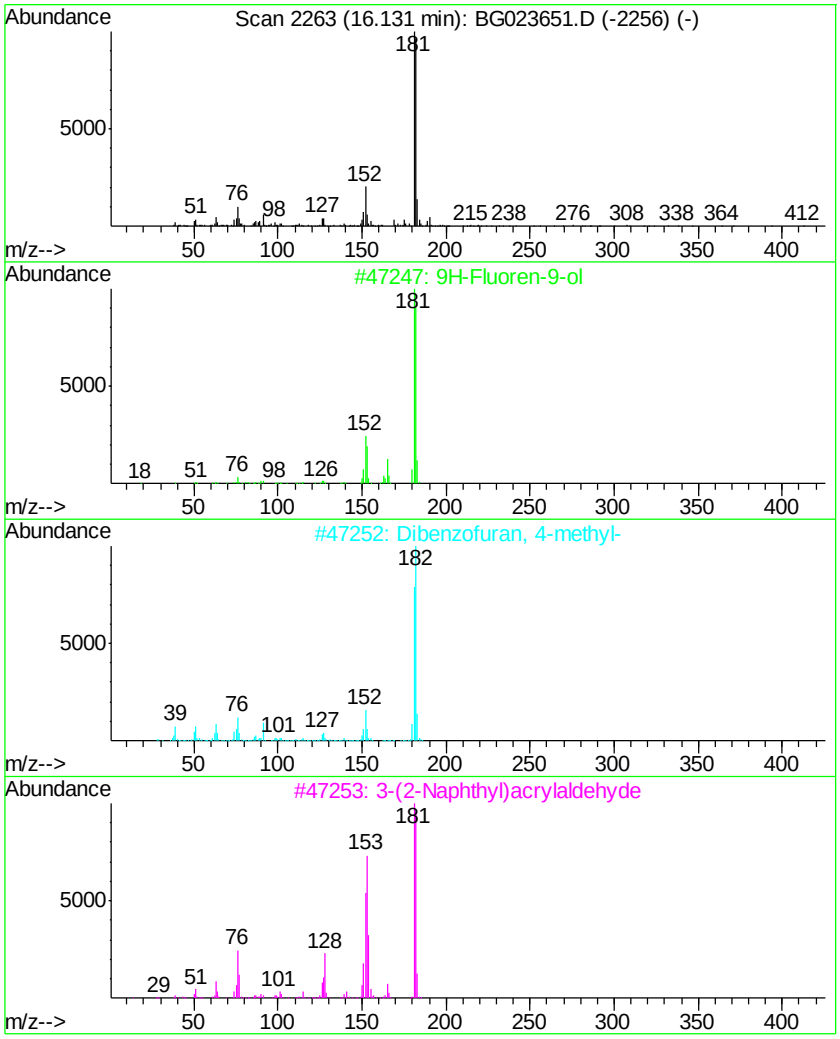
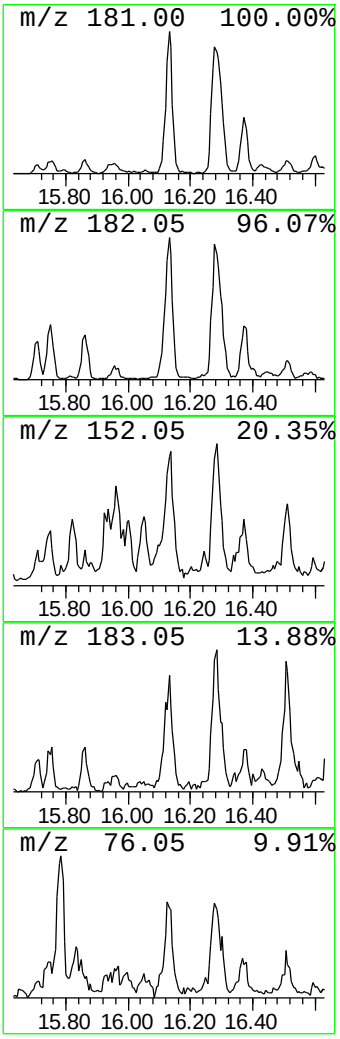
Peak Number 9 9H-Fluoren-9-ol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	7.15 ng/ul	864174	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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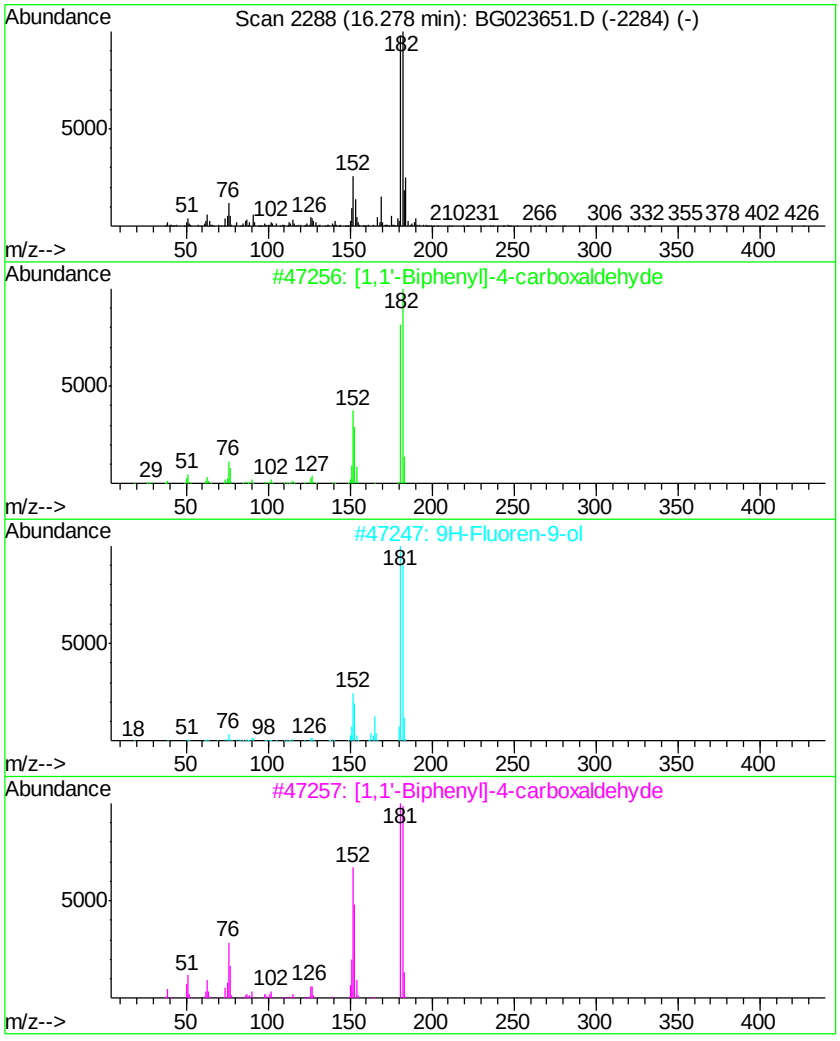
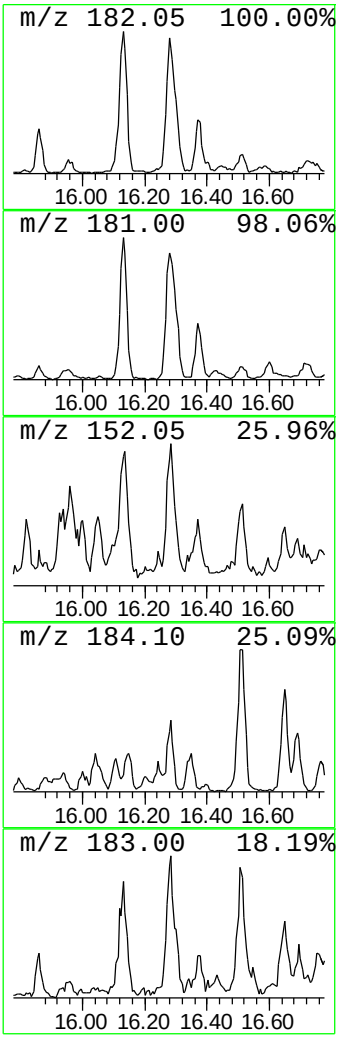
Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.77 ng/ul	841215	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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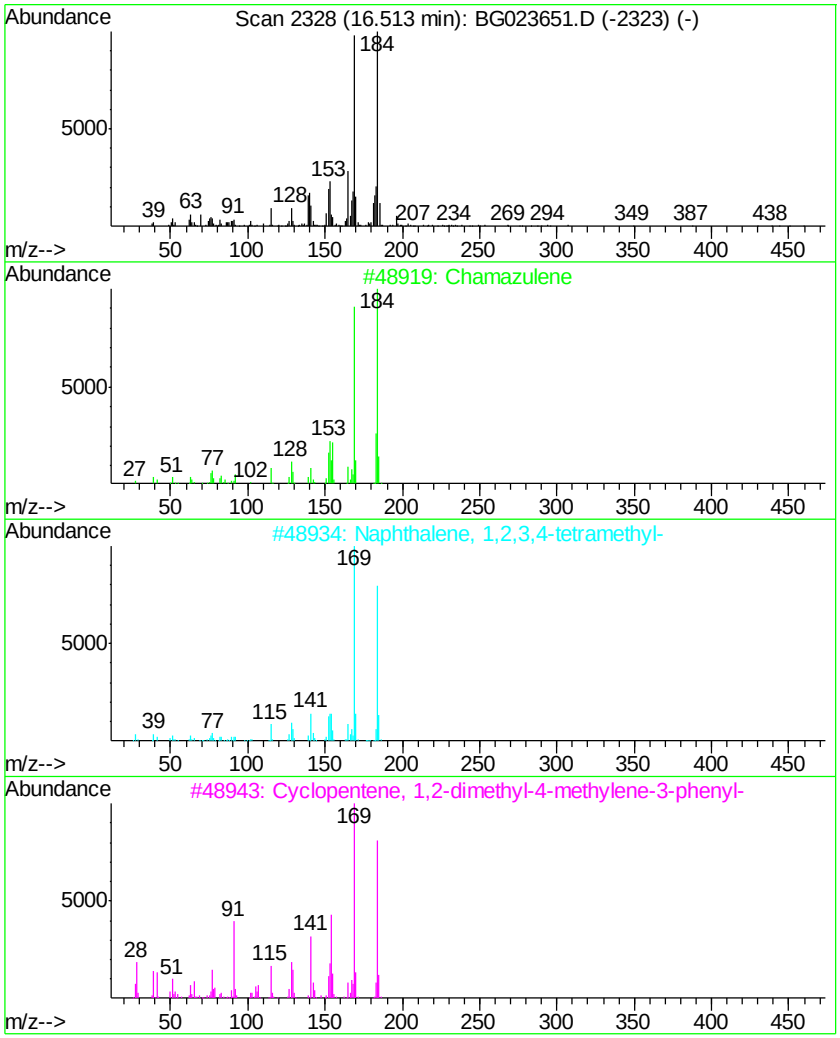
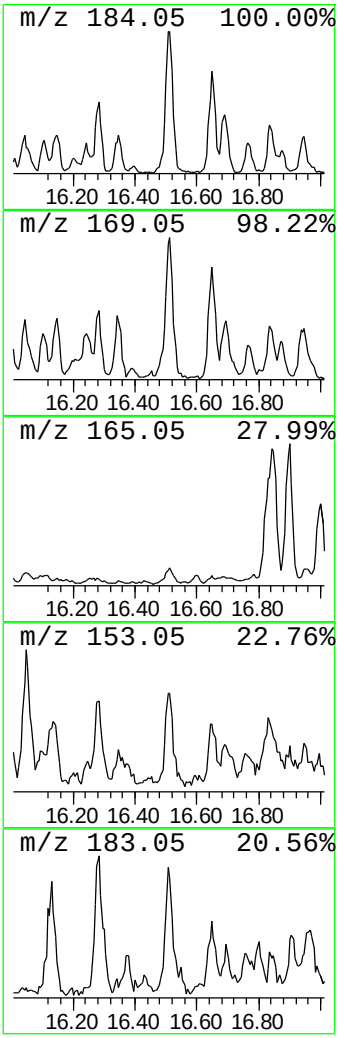
Peak Number 11 Chamazulene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.09 ng/ul	897628	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	91
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	76
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	74
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	74
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	68





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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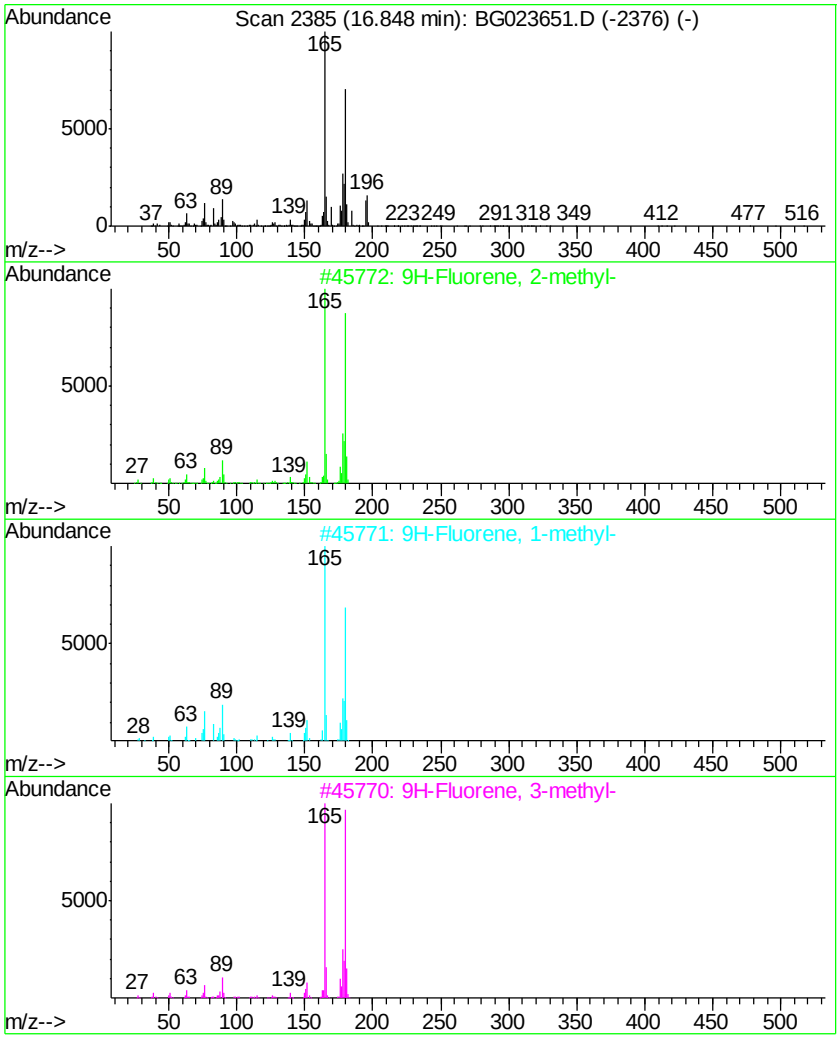
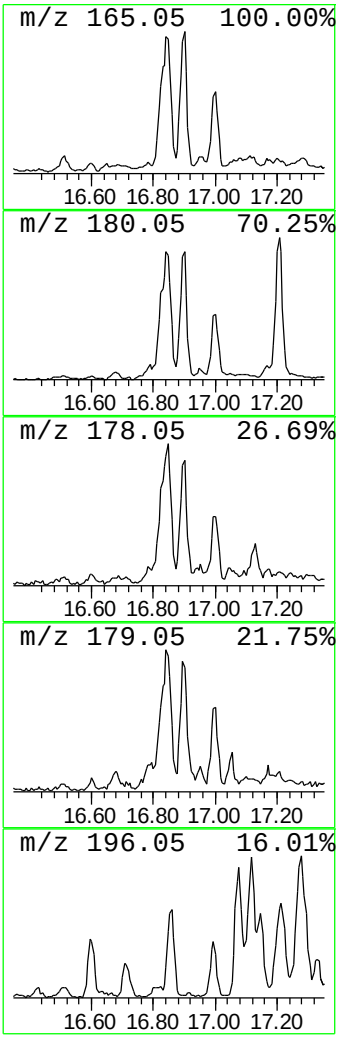
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	10.16 ng/ul	1789480	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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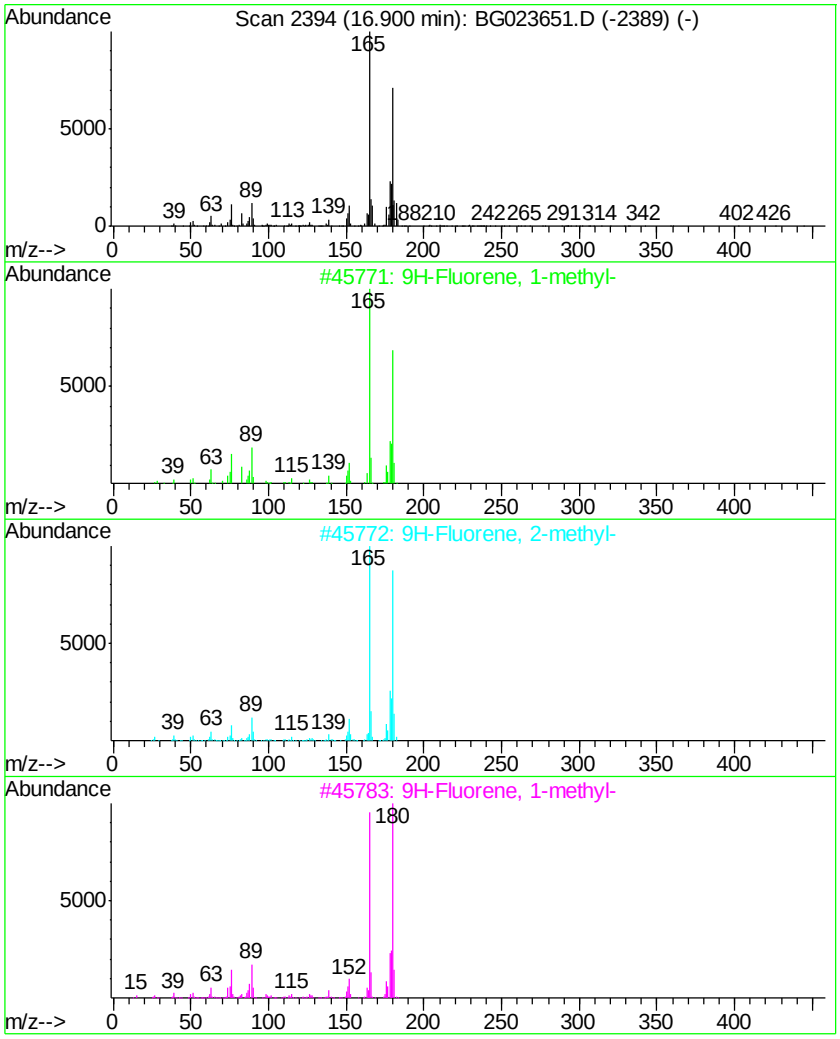
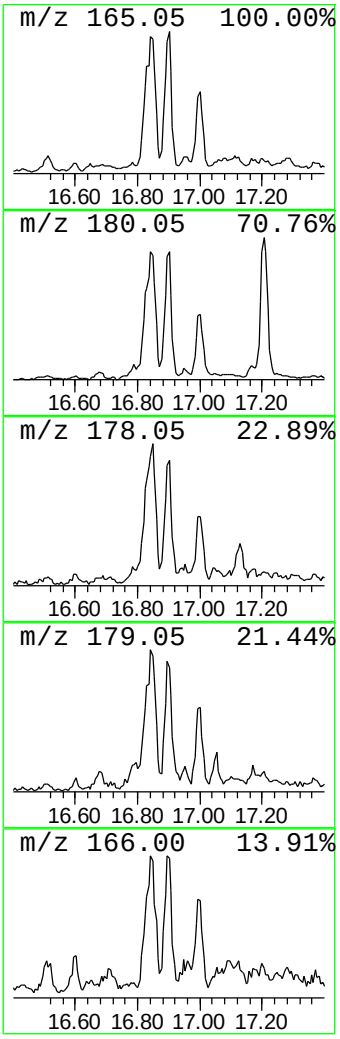
Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	5.97 ng/ul	1052190	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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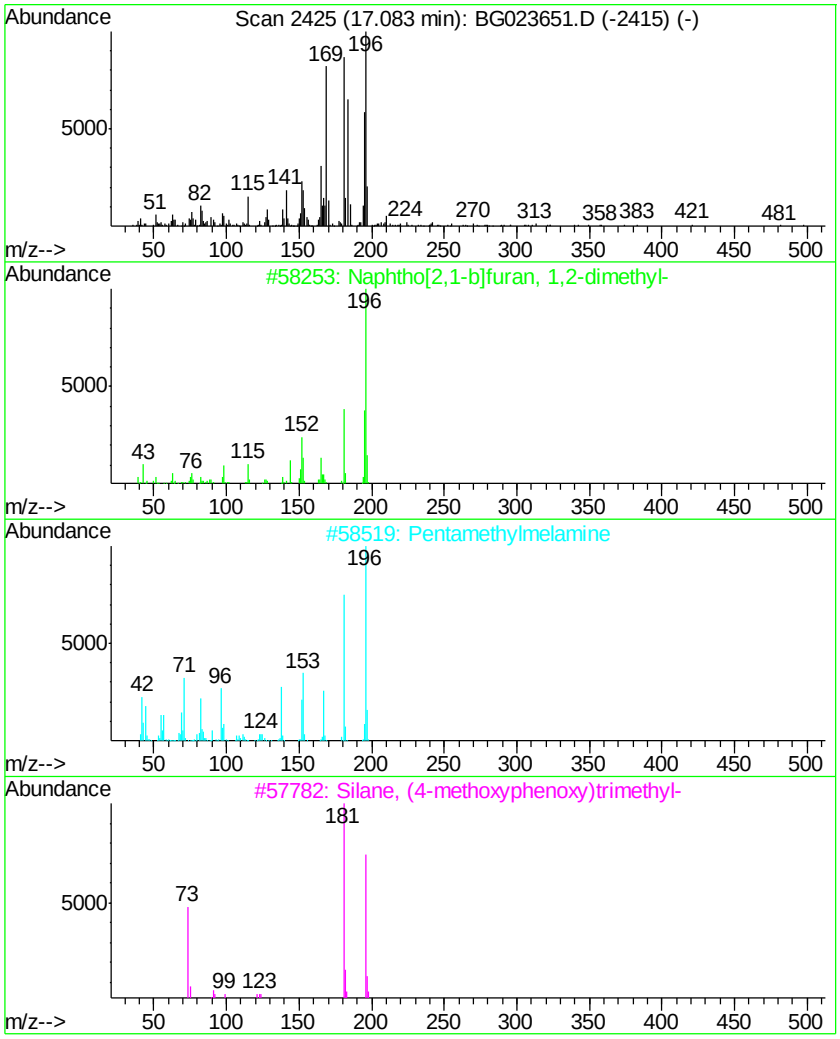
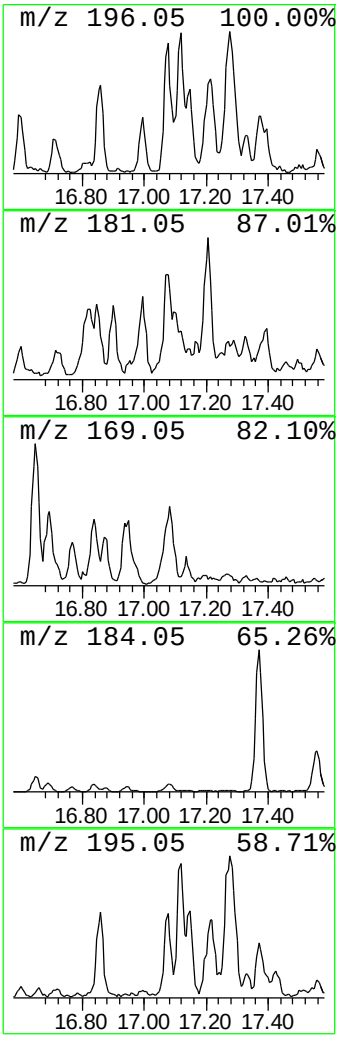
Peak Number 15 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	4.82 ng/ul	848868	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
2	Pentamethylmelamine	196	C8H16N6	035832-09-8	43
3	Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	38
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	266	C14H22N2O3	028239-49-8	38





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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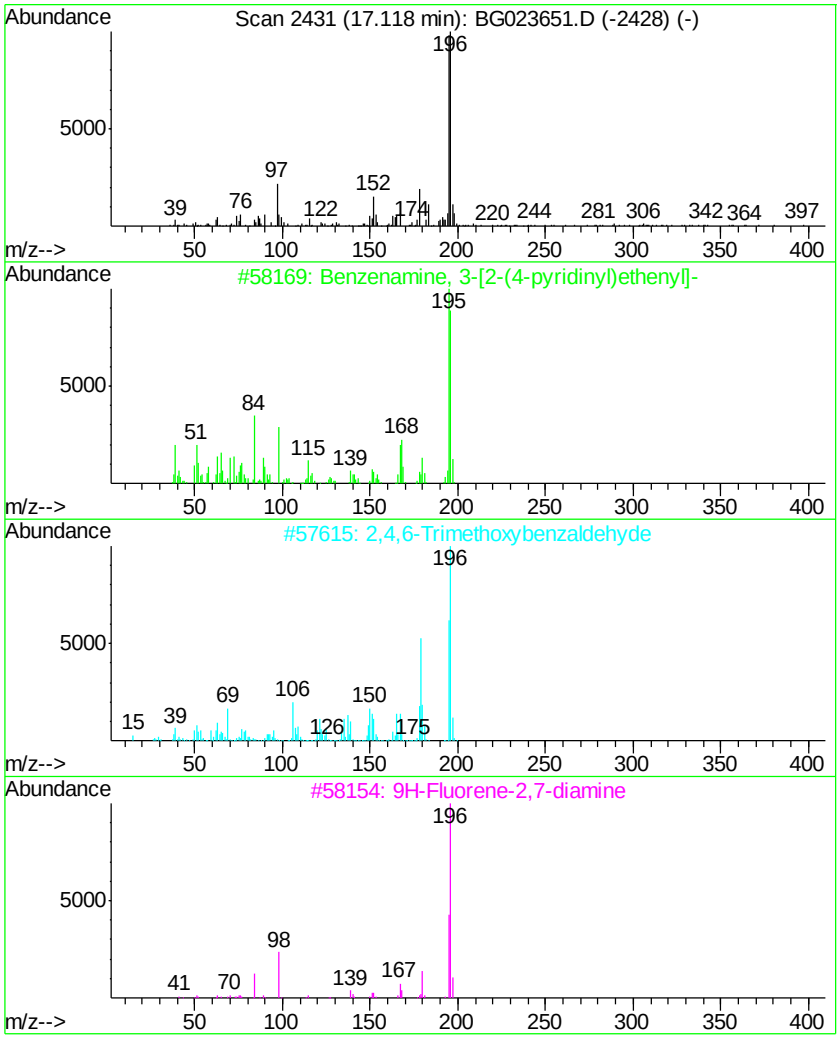
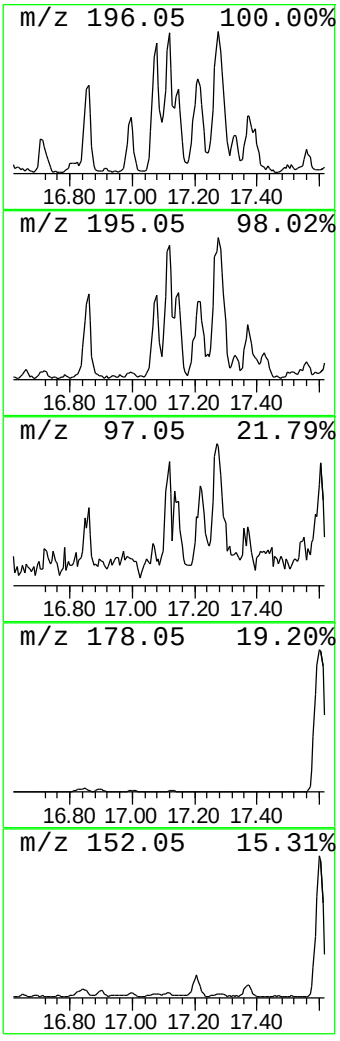
Peak Number 16 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	3.22 ng/ul	567194	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	53
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	50
3	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	46
4	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	46
5	Phenazine, 5-oxide	196	C12H8N2O	000304-81-4	38





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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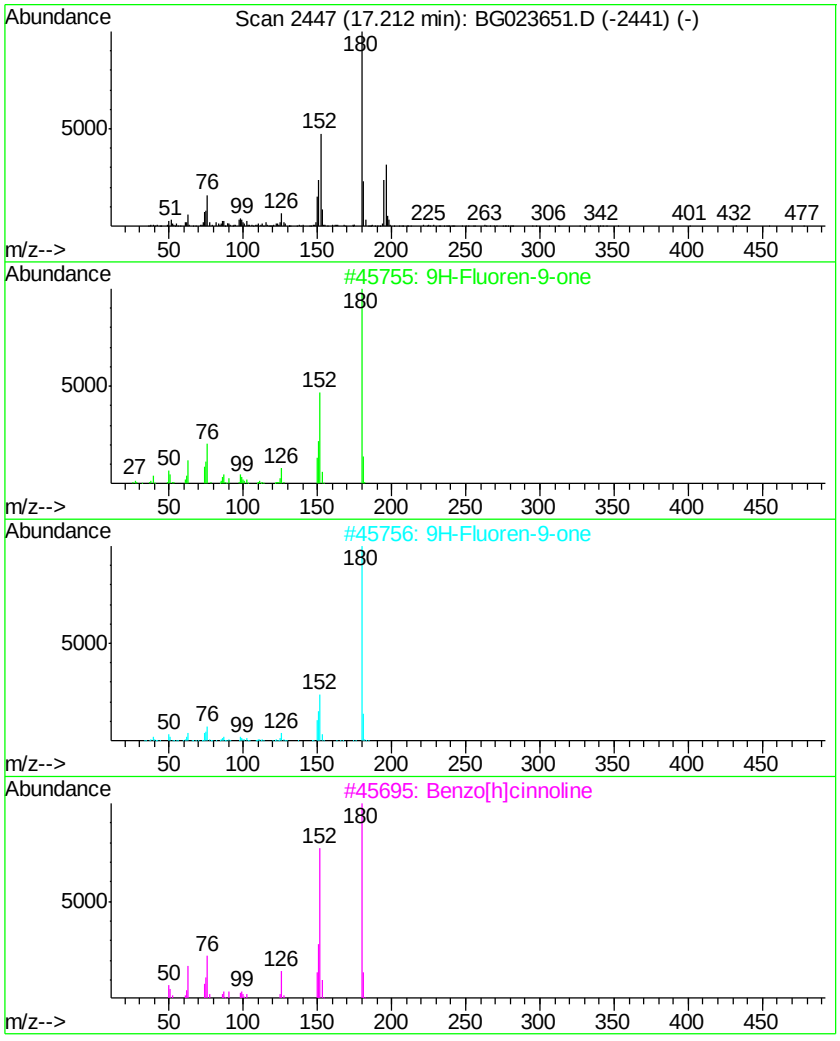
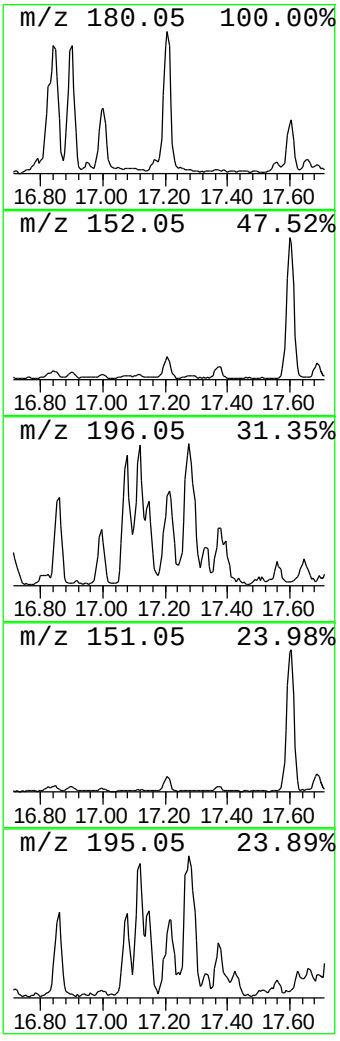
Peak Number 17 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	6.32 ng/ul	1112880	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	81
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81





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Misc :
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Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

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Quant Title : SVOA CALIBRATION

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

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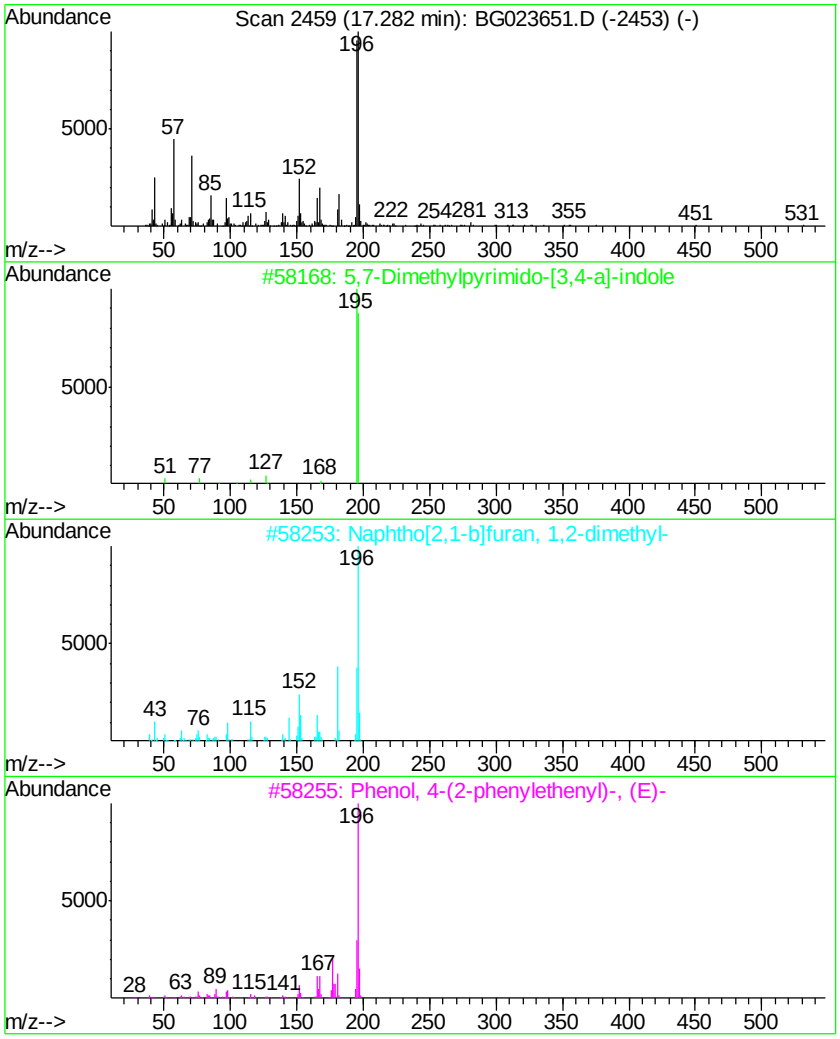
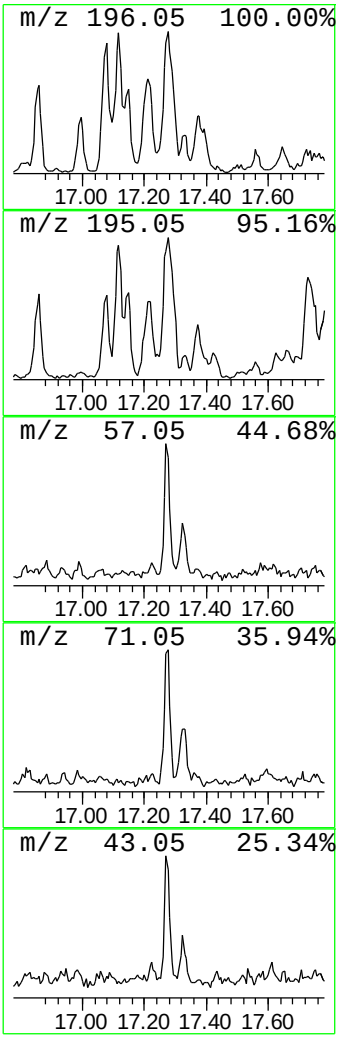
Peak Number 18 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	4.55 ng/ul	801802	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	46
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
4	Acetamide, N-(9-methyl-9H-carbaz...	238	C15H14N2O	1000317-28-1	38
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	38





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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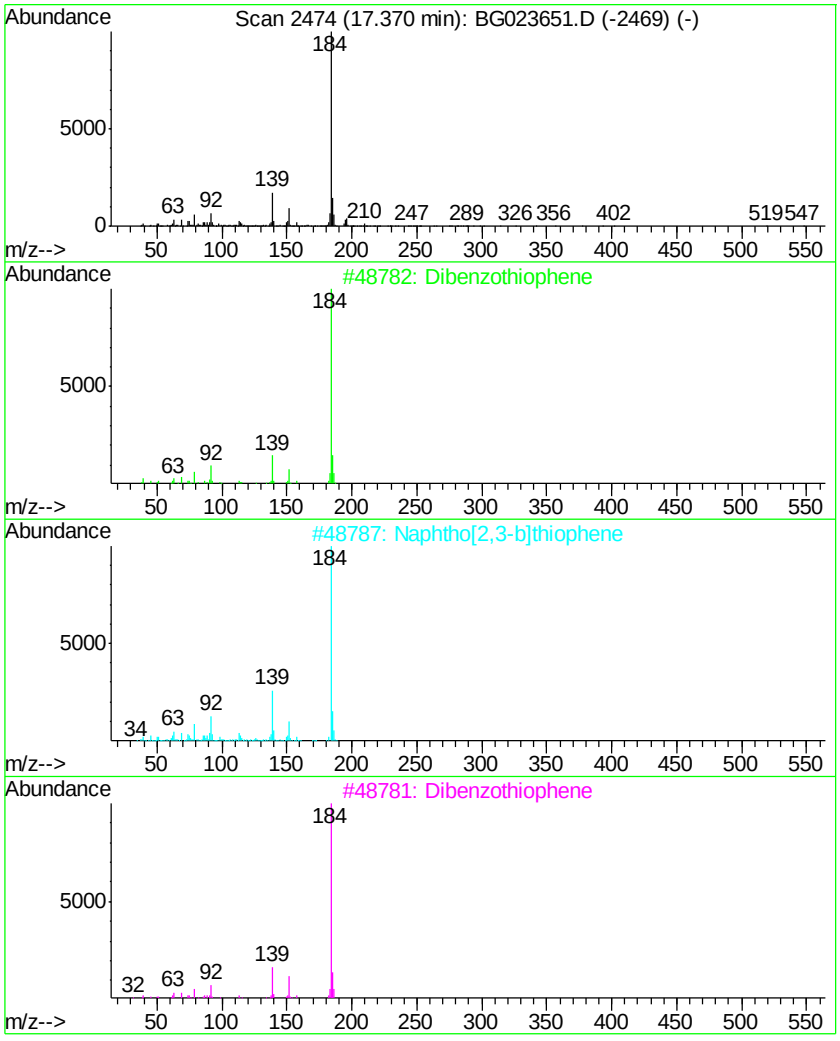
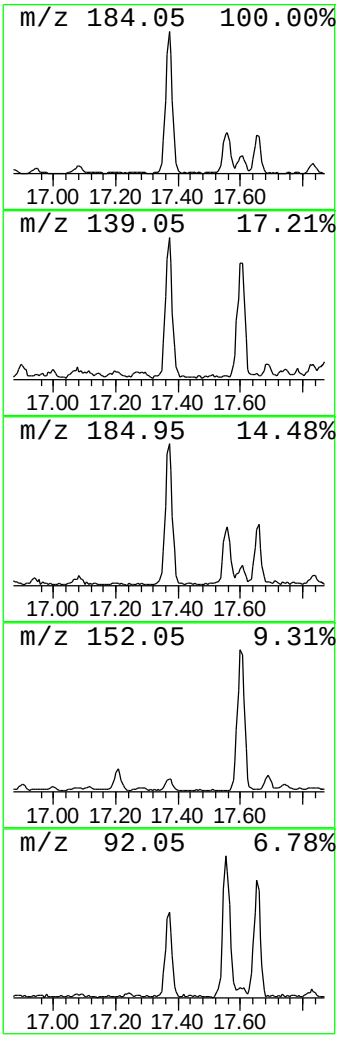
Peak Number 19 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	10.28 ng/ul	1810500	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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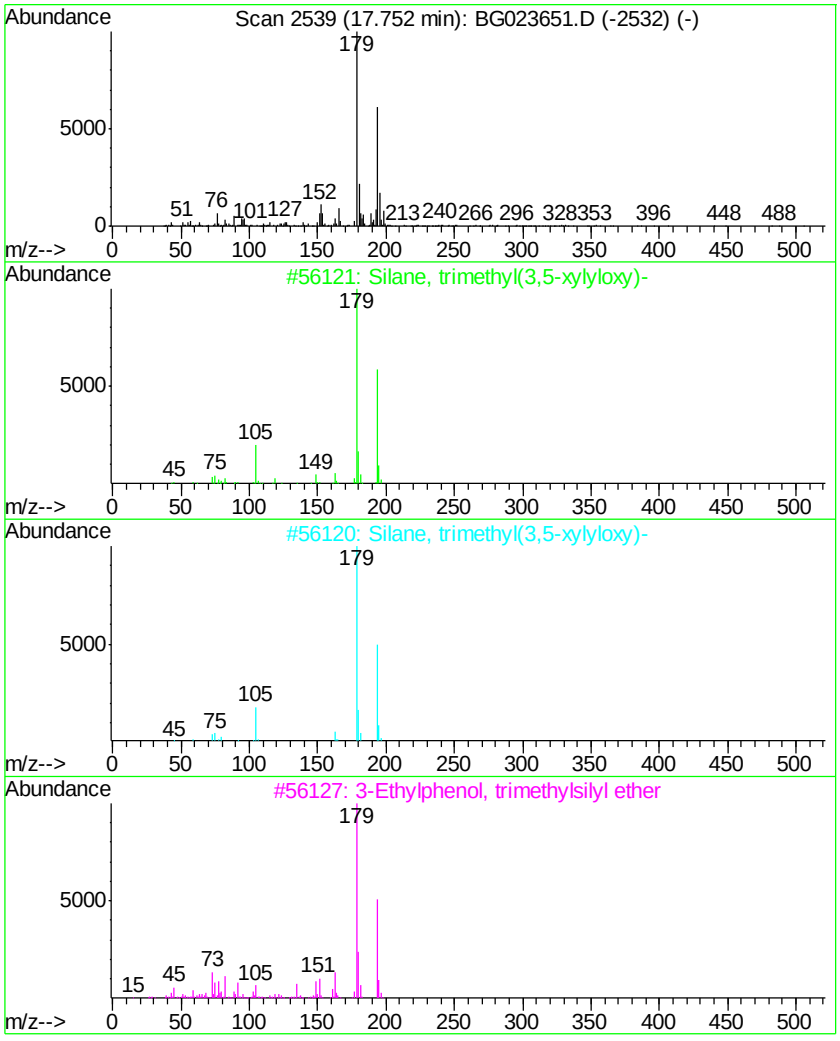
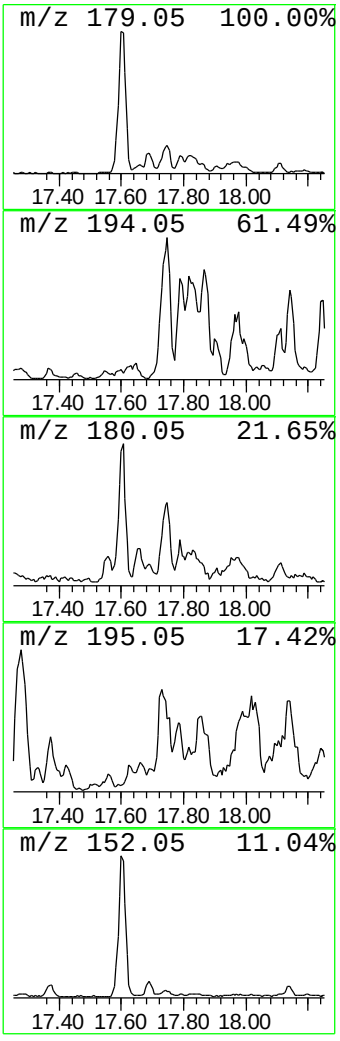
Peak Number 20 Silane, trimethyl(3,5-xylyl... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	5.27 ng/ul	928008	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	80
2	Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	80
3	3-Ethylphenol, trimethylsilyl ether	194	C11H18OSi	1000333-41-3	80
4	Silane, (2,4-dimethylphenoxy)tri...	194	C11H18OSi	016414-81-6	64
5	Benzene, 2-(1,1-dimethylethyl)-1...	194	C12H18O2	021112-37-8	64





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Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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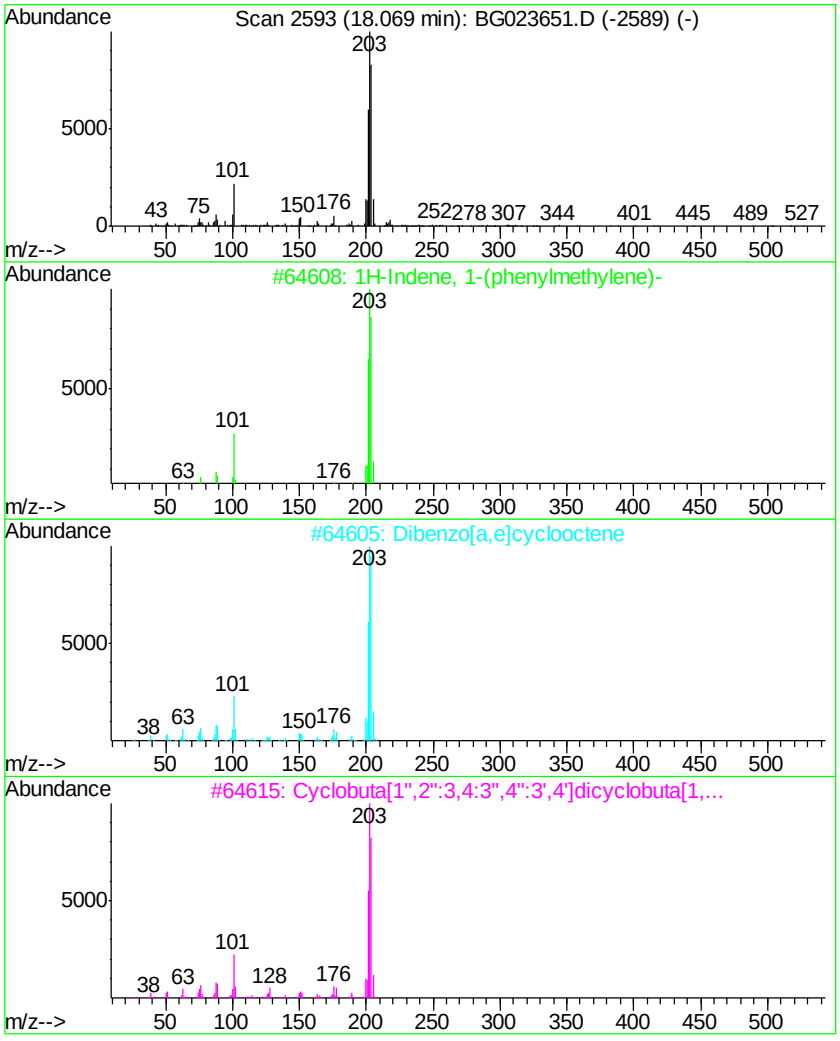
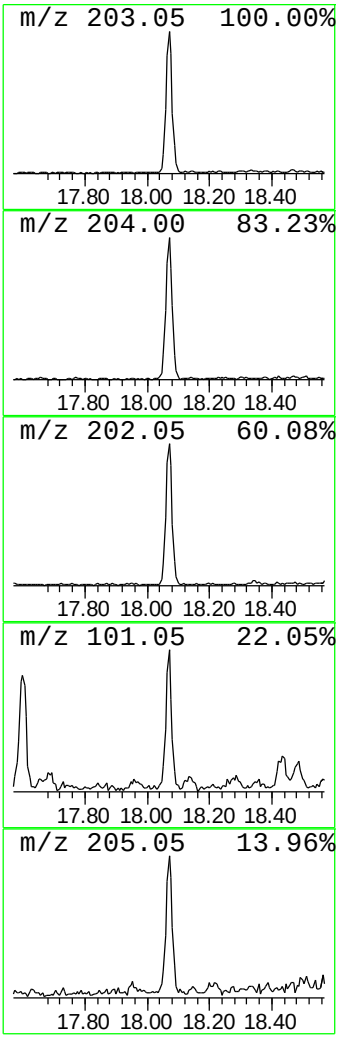
Peak Number 21 1H-Indene, 1-(phenylmethyle... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.79 ng/ul	491692	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	76
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	68
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	68





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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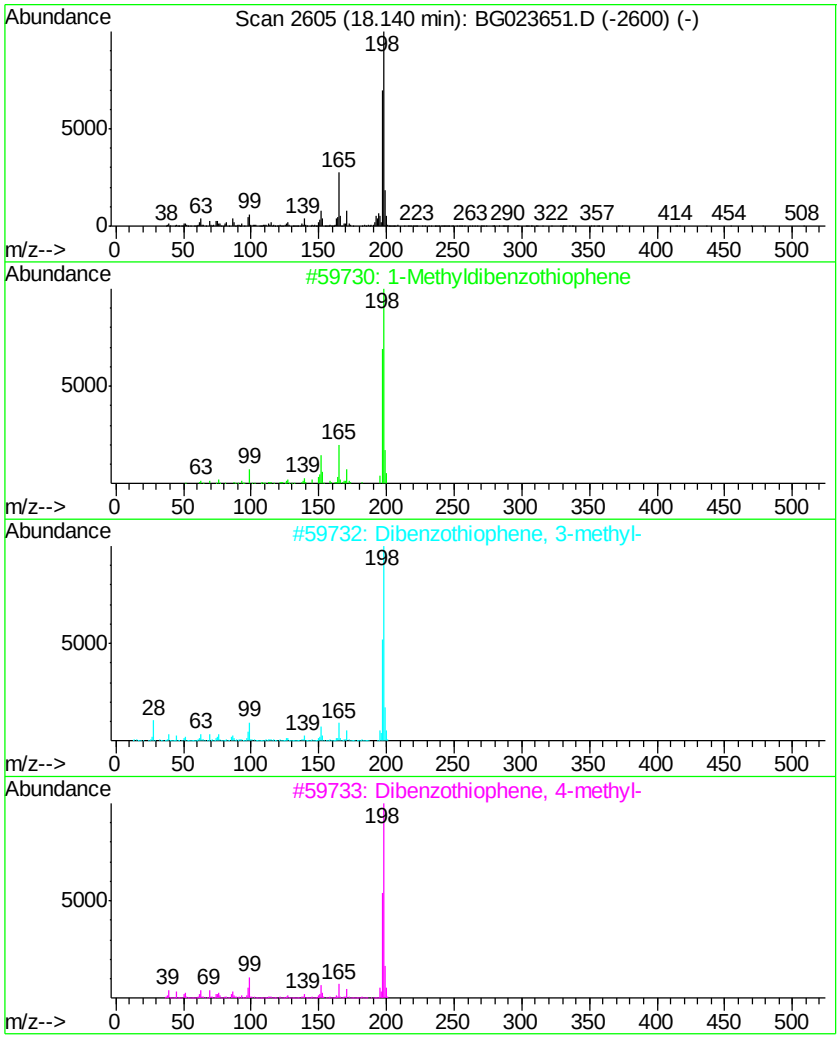
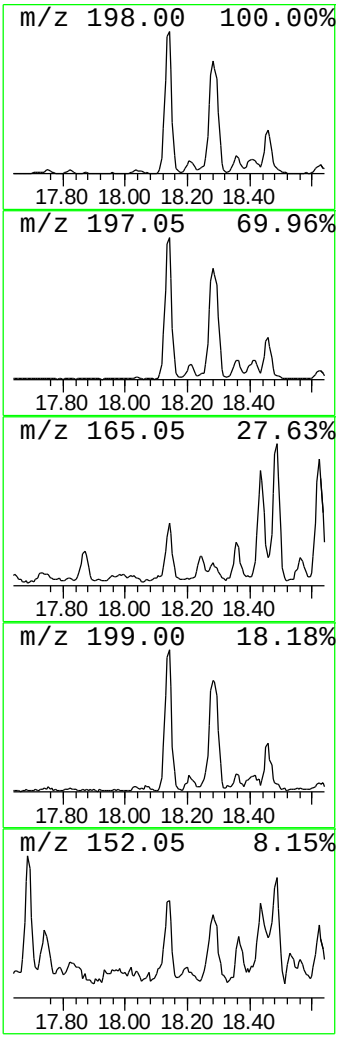
Peak Number 22 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	11.77 ng/ul	2074390	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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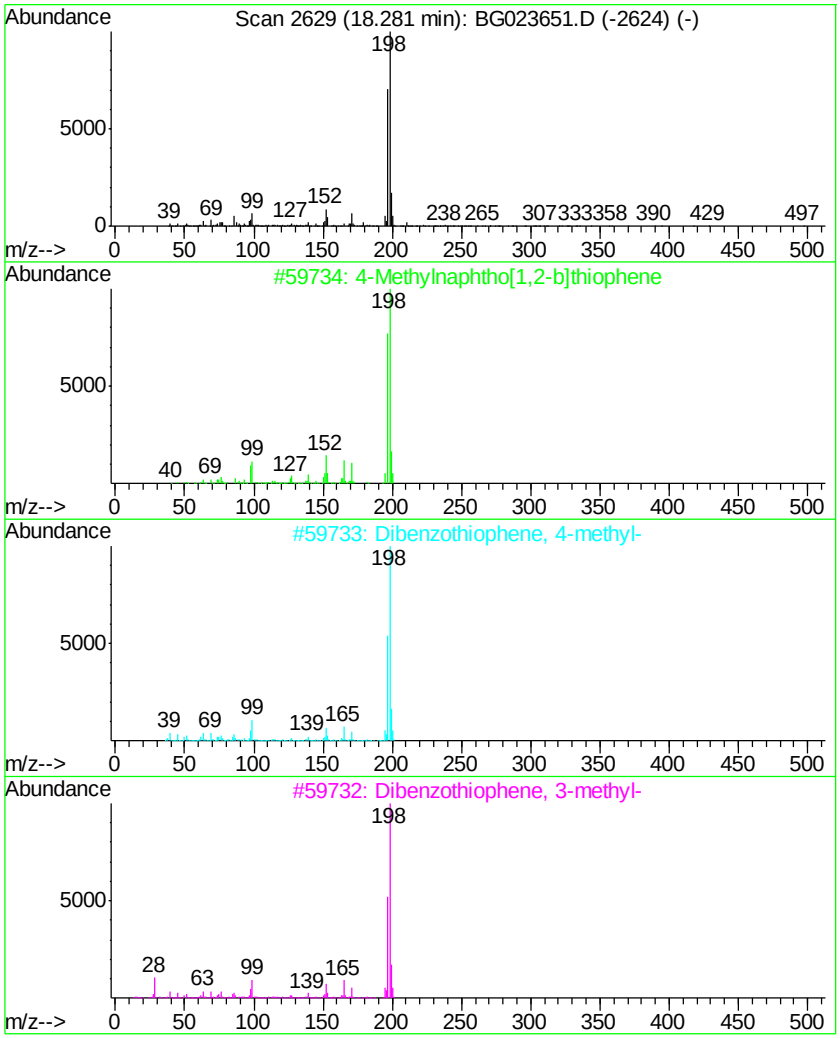
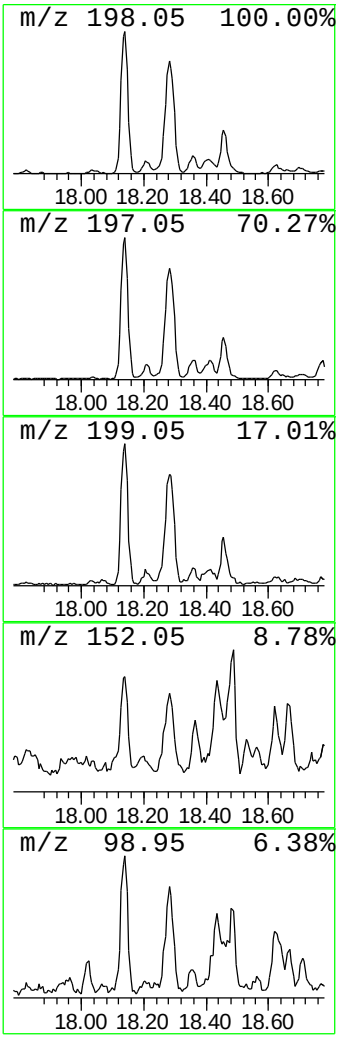
Peak Number 23 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	9.83 ng/ul	1732370	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	86
5	Tacrine	198	C13H14N2	000321-64-2	78





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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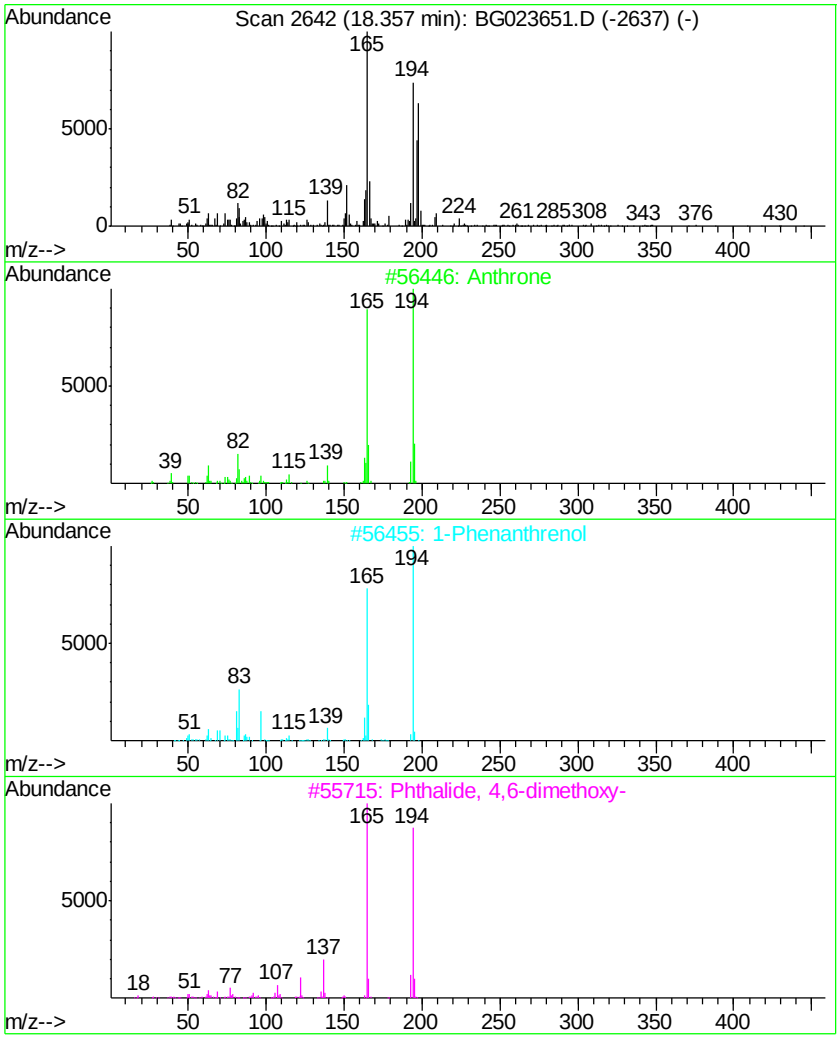
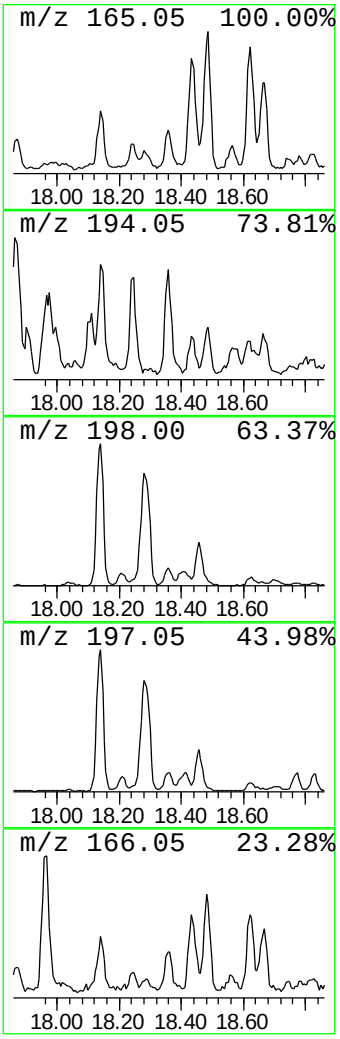
Peak Number 24 Anthrone Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.52 ng/ul	619312	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	60
2	1-Phenanthrenol	194	C14H10O	002433-56-9	53
3	Phthalide, 4,6-dimethoxy-	194	C10H10O4	058545-97-4	49
4	Anthrone	194	C14H10O	000090-44-8	49
5	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	46





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Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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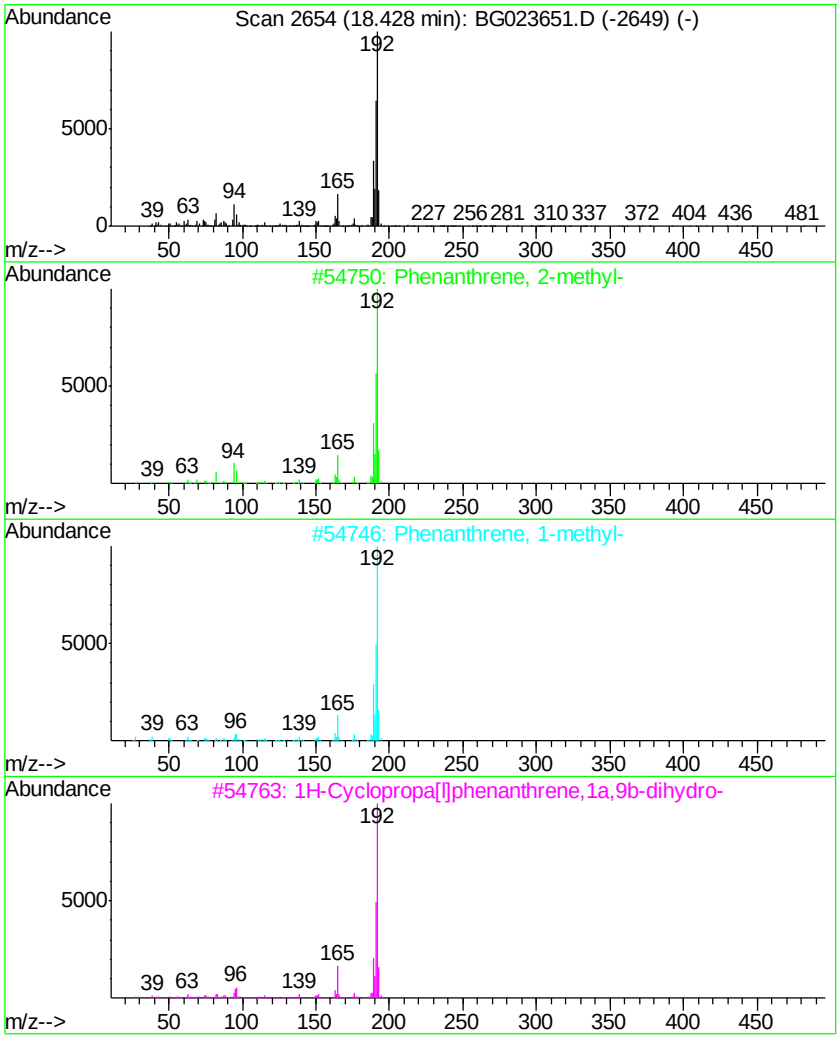
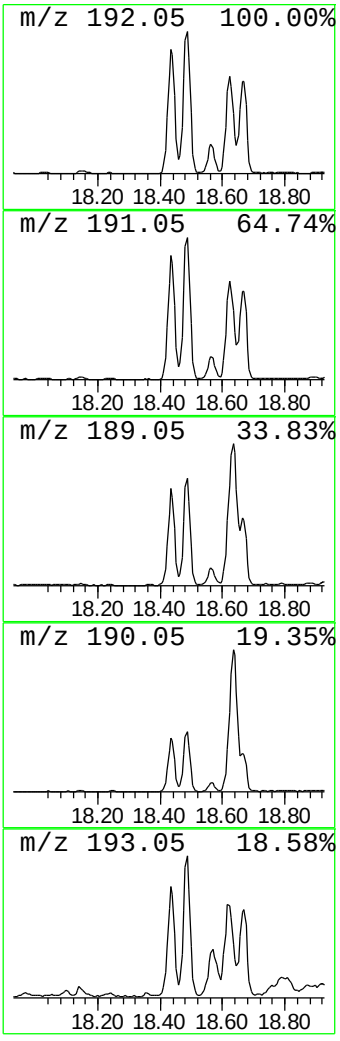
Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	38.49 ng/ul	6781300	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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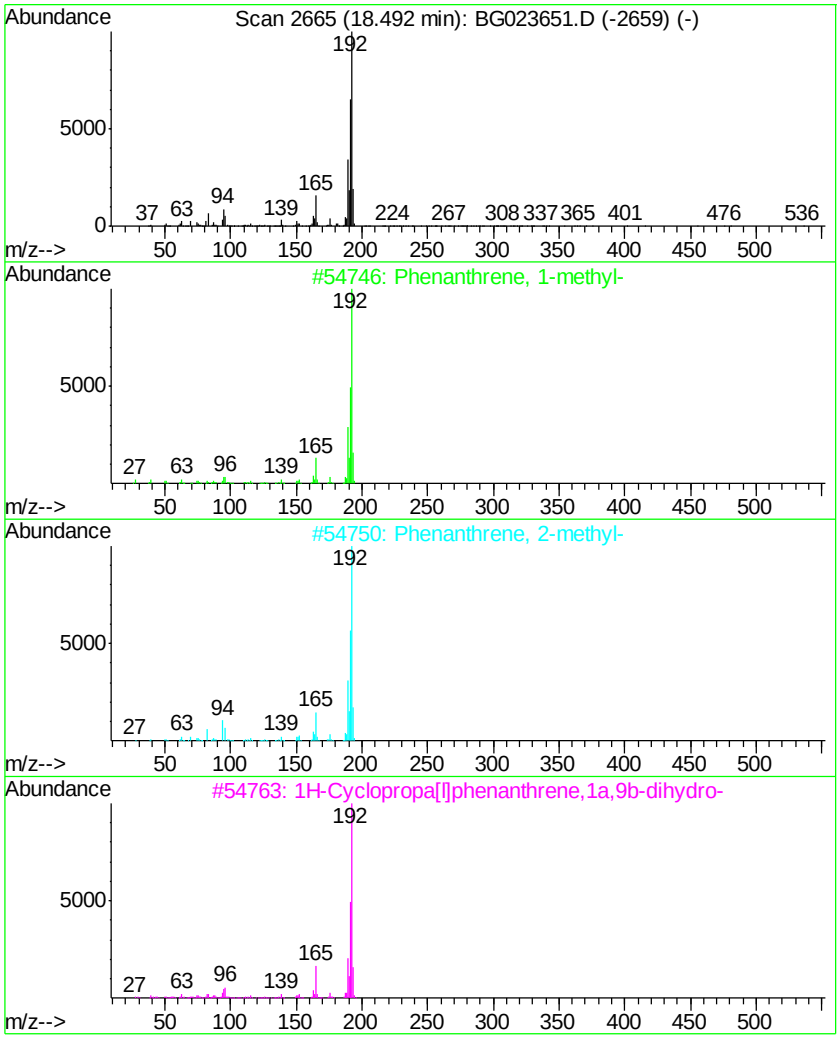
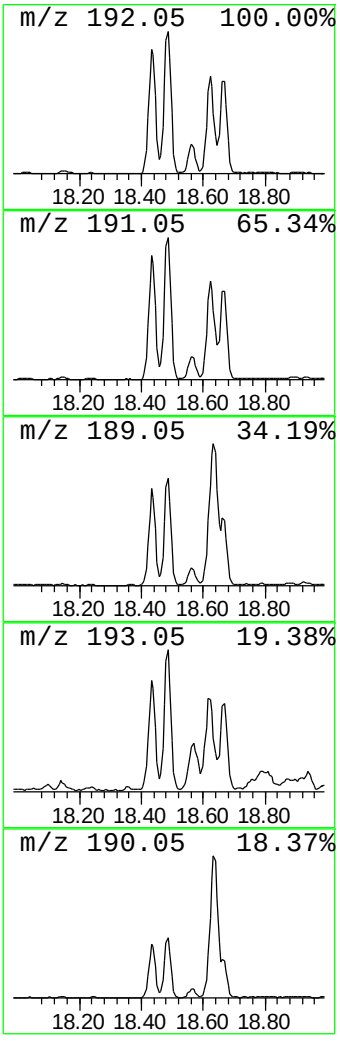
Peak Number 26 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	42.67 ng/ul	7517590	Phenanthrene-d10	17.56

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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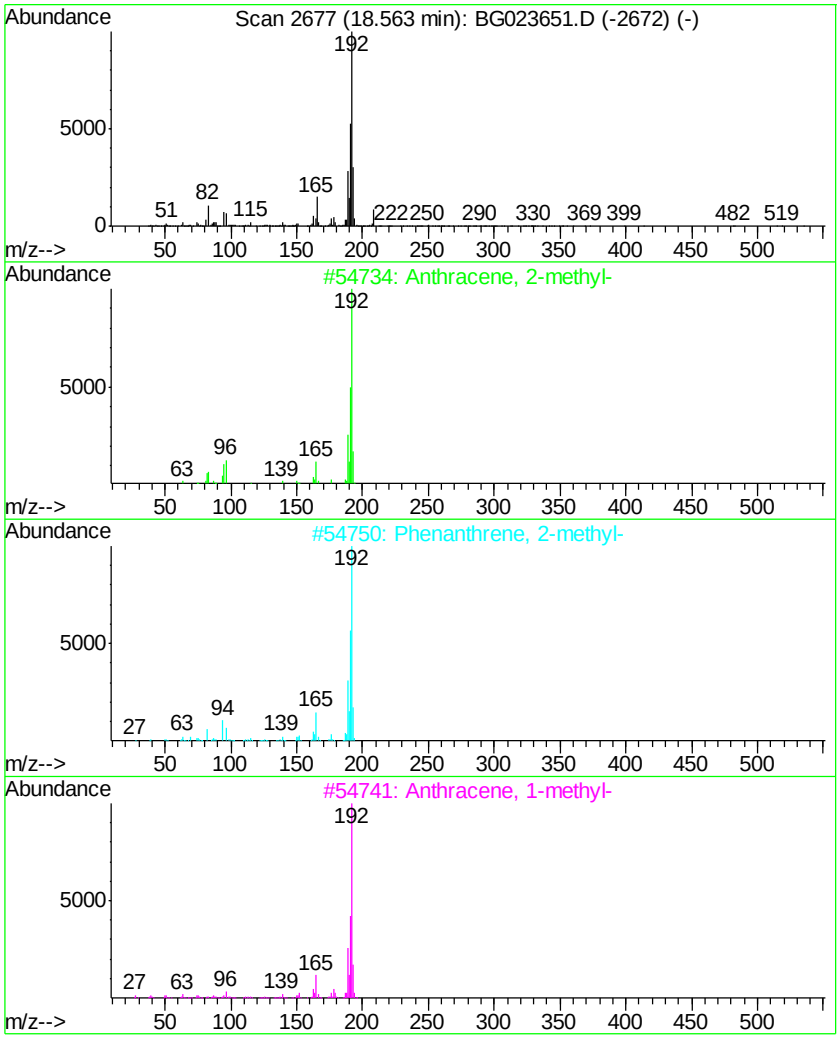
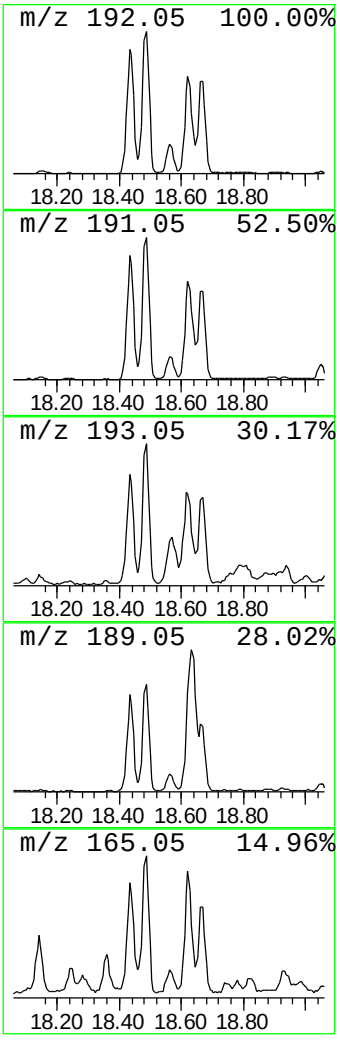
Peak Number 27 Anthracene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	7.64 ng/ul	1346830	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Library Search Compound Report

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Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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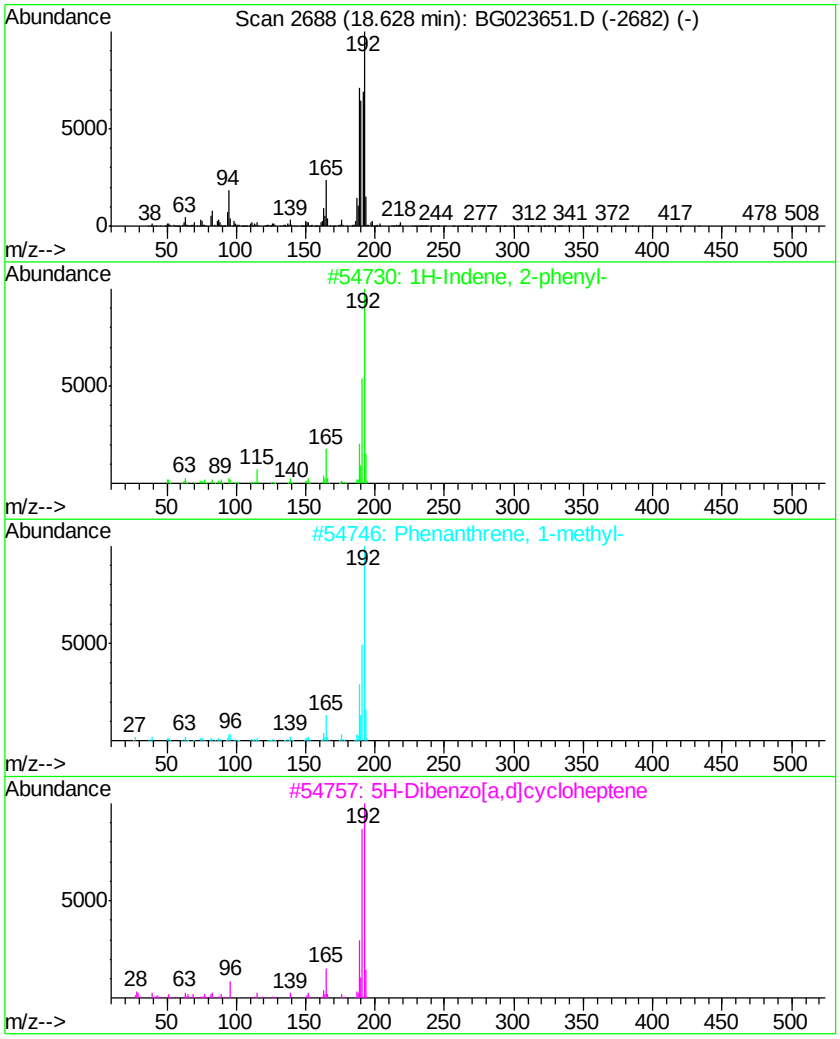
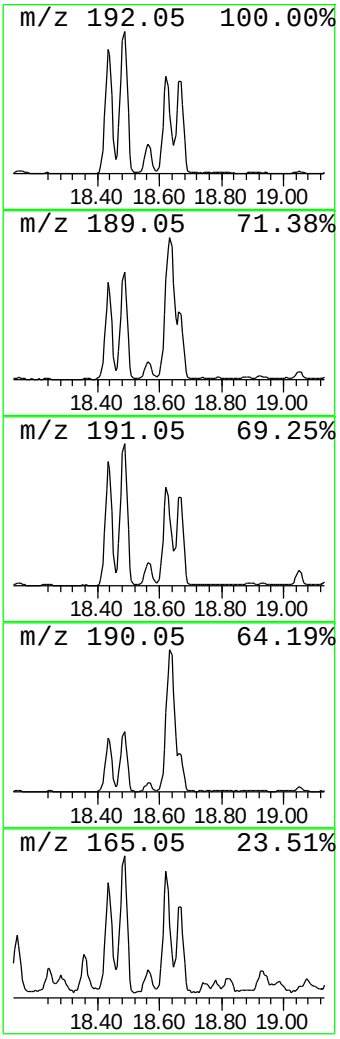
Peak Number 28 1H-Indene, 2-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	43.98 ng/ul	7749570	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	58





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Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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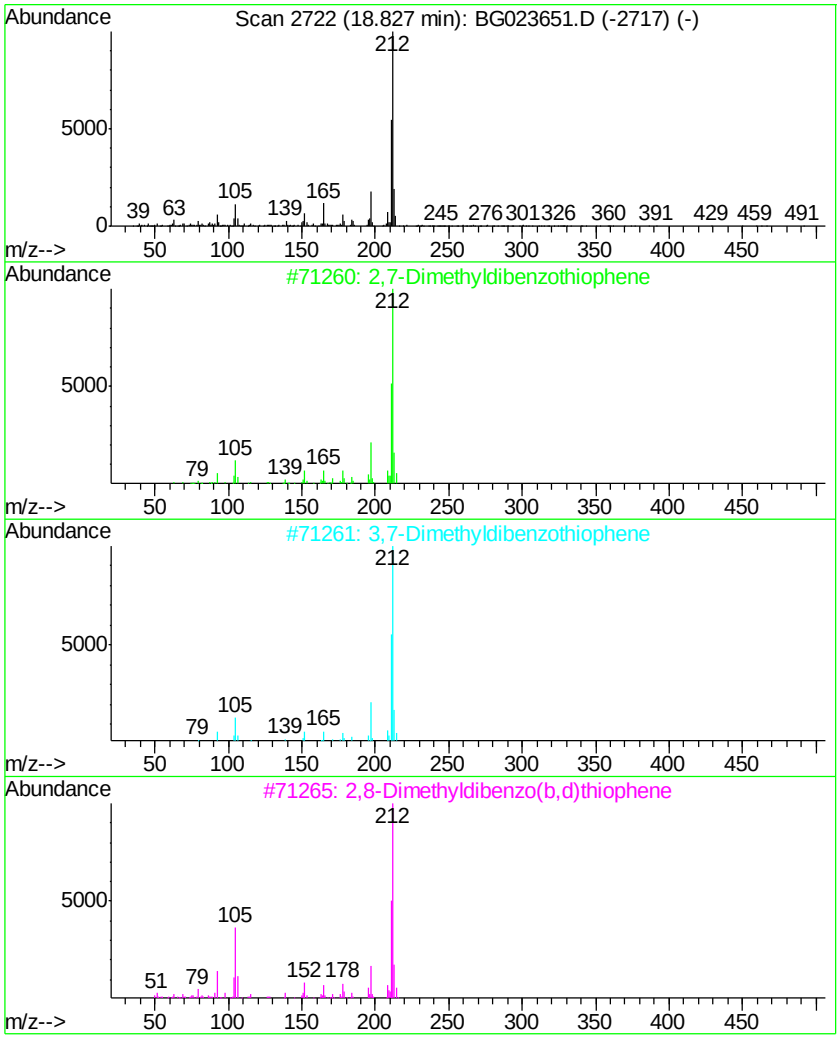
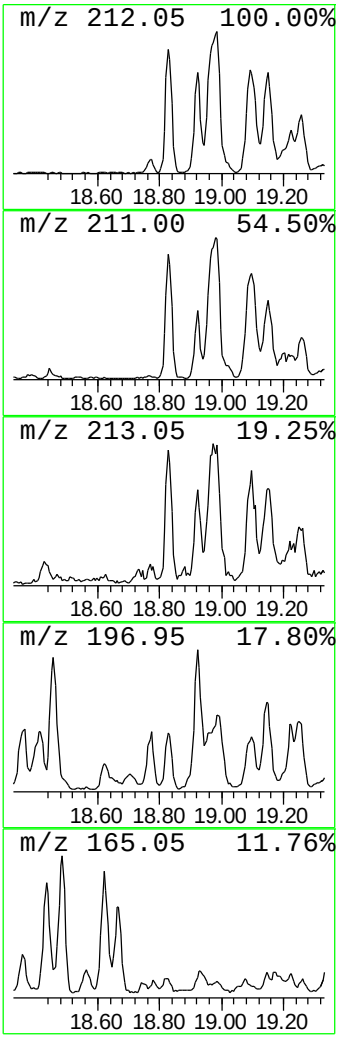
Peak Number 30 2,7-Dimethyldibenzothiophene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	5.12 ng/ul	902091	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	94
2	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	93
3	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	93
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	91
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	91





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Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : P001-SS002-3642-01

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Quant Title : SVOA CALIBRATION

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

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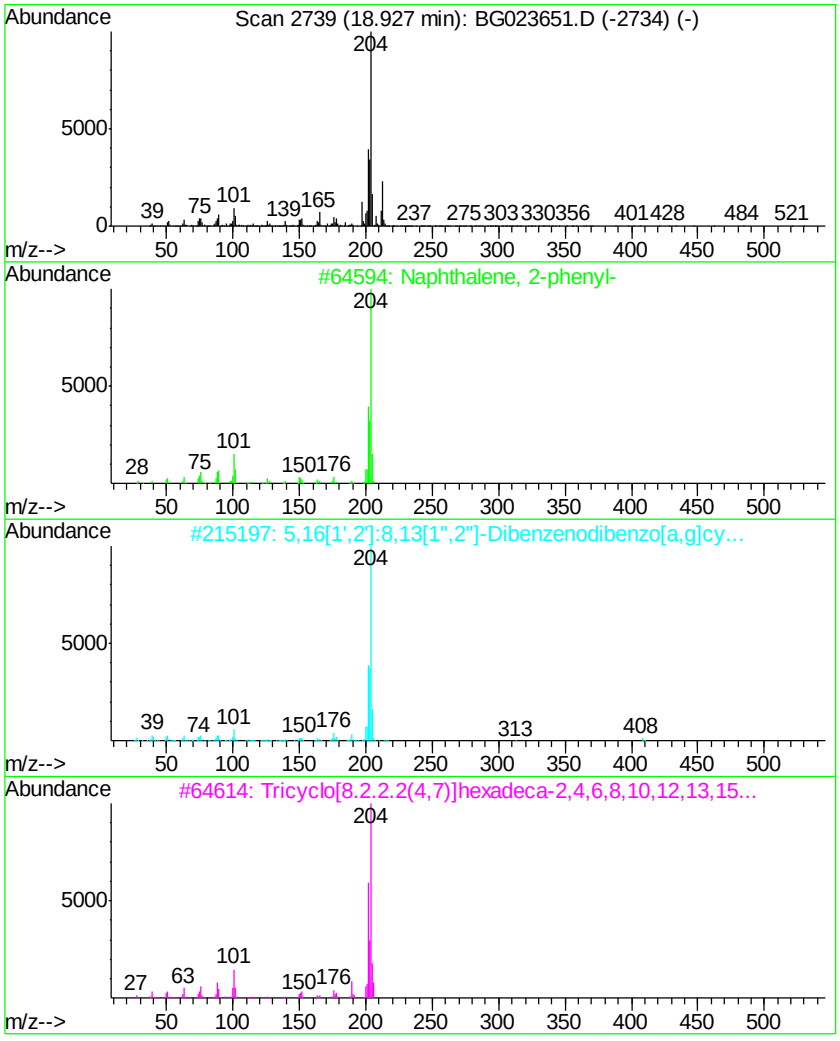
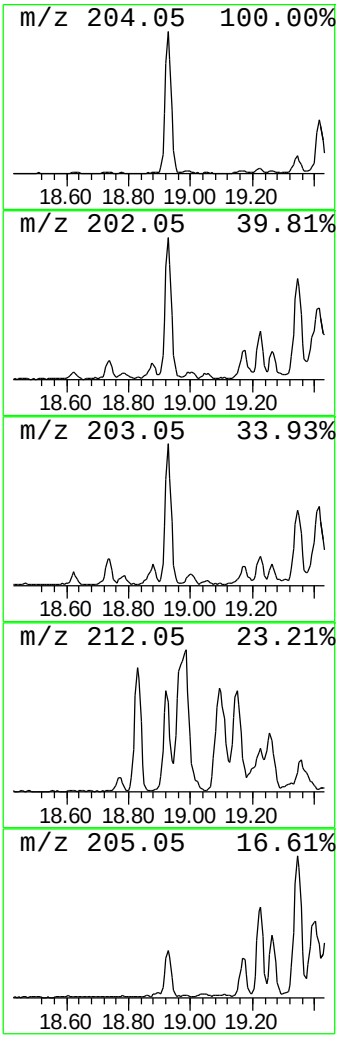
Peak Number 31 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	15.31 ng/ul	2697070	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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Acq On : 12 Aug 2016 11:47
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Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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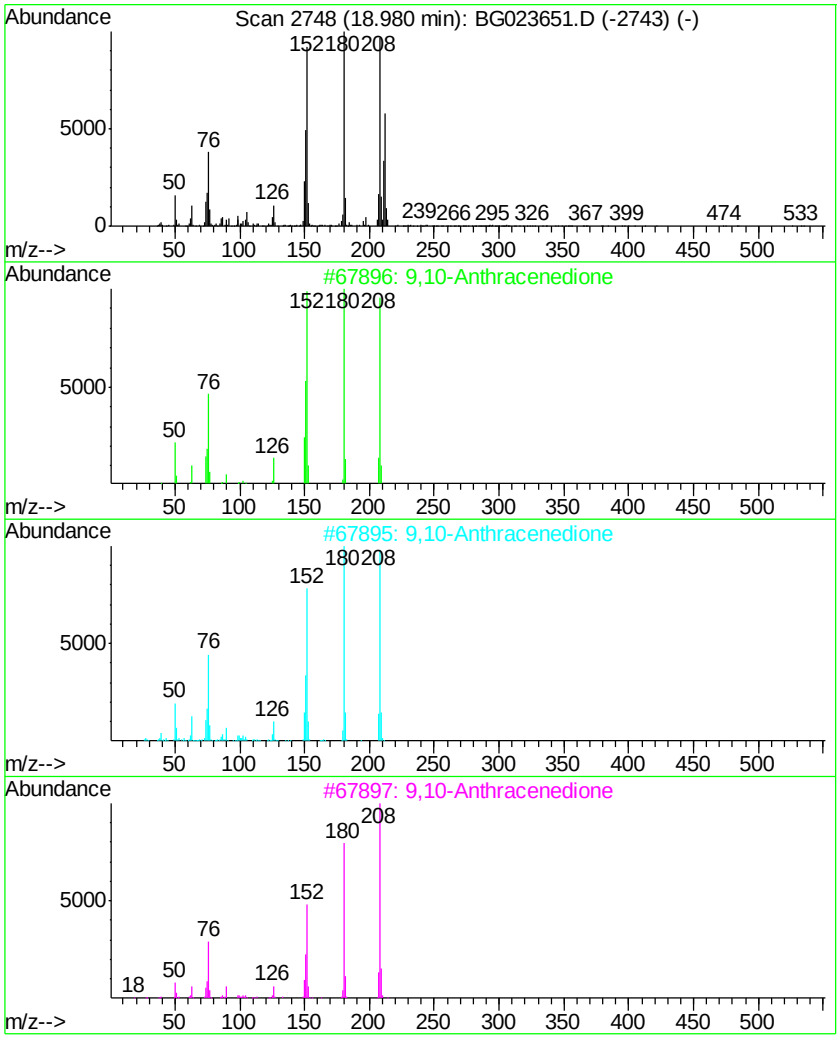
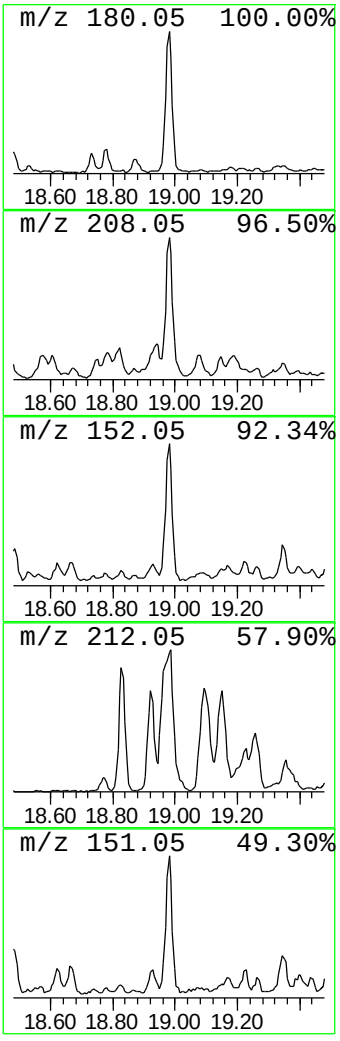
Peak Number 32 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	18.38 ng/ul	3239200	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

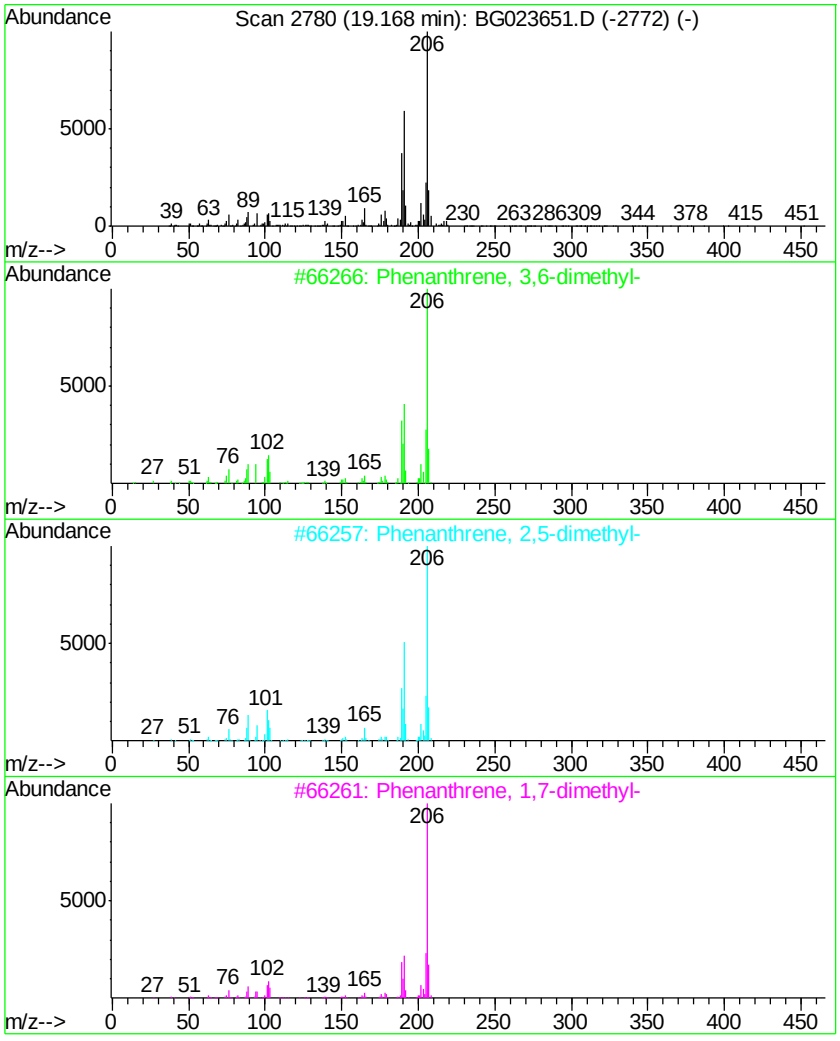
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

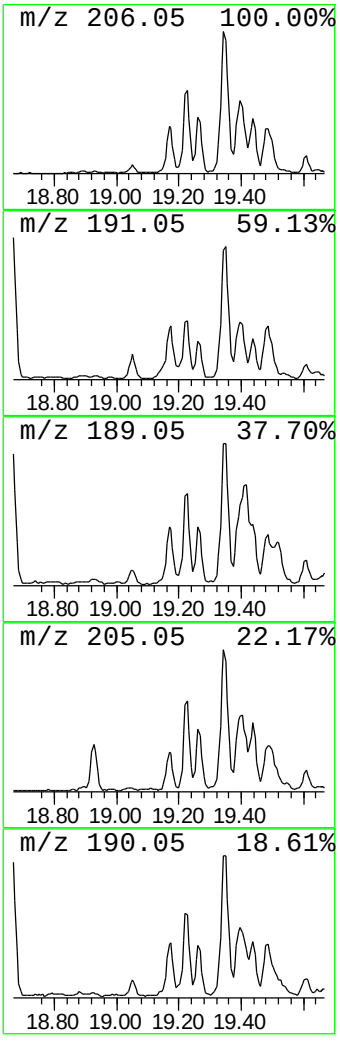
****

Peak Number 33 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	16.10 ng/ul	2836050	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS002-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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
Naphthalene, 1-me...	12.82	10.8	ng/ul	771724	2	10.95	1426860	20.0
Naphthalene, 1,3-...	13.96	8.5	ng/ul	1026170	3	14.79	2418420	20.0
Naphthalene, 2,3-...	14.10	12.2	ng/ul	1470510	3	14.79	2418420	20.0
Naphthalene, 1,4-...	14.34	5.5	ng/ul	665074	3	14.79	2418420	20.0
Naphthalene, 1,6,...	15.26	7.3	ng/ul	883974	3	14.79	2418420	20.0
Naphthalene, 2,3,...	15.57	7.2	ng/ul	873050	3	14.79	2418420	20.0
9H-Fluoren-9-ol	16.13	7.2	ng/ul	864174	3	14.79	2418420	20.0
[1,1'-Biphenyl]-4...	16.28	4.8	ng/ul	841215	4	17.56	3523760	20.0
Chamazulene	16.51	5.1	ng/ul	897628	4	17.56	3523760	20.0
9H-Fluorene, 2-me...	16.85	10.2	ng/ul	1789480	4	17.56	3523760	20.0
9H-Fluorene, 1-me...	16.90	6.0	ng/ul	1052190	4	17.56	3523760	20.0
Naphtho[2,1-b]fur...	17.08	4.8	ng/ul	848868	4	17.56	3523760	20.0
Benzenamine, 3-[2...	17.12	3.2	ng/ul	567194	4	17.56	3523760	20.0
9H-Fluoren-9-one	17.21	6.3	ng/ul	1112880	4	17.56	3523760	20.0
unknown-01	17.28	4.5	ng/ul	801802	4	17.56	3523760	20.0
Dibenzothiophene	17.37	10.3	ng/ul	1810500	4	17.56	3523760	20.0
Silane, trimethyl...	17.75	5.3	ng/ul	928008	4	17.56	3523760	20.0
1H-Indene, 1-(phe...	18.07	2.8	ng/ul	491692	4	17.56	3523760	20.0
1-Methyldibenzoth...	18.14	11.8	ng/ul	2074390	4	17.56	3523760	20.0
4-Methylnaphtho[1...	18.28	9.8	ng/ul	1732370	4	17.56	3523760	20.0
Anthrone	18.36	3.5	ng/ul	619312	4	17.56	3523760	20.0
Phenanthrene, 2-m...	18.43	38.5	ng/ul	6781300	4	17.56	3523760	20.0
Phenanthrene, 1-m...	18.49	42.7	ng/ul	7517590	4	17.56	3523760	20.0
Anthracene, 2-met...	18.56	7.6	ng/ul	1346830	4	17.56	3523760	20.0
1H-Indene, 2-phenyl-	18.63	44.0	ng/ul	7749570	4	17.56	3523760	20.0
2,7-Dimethyldiben...	18.83	5.1	ng/ul	902091	4	17.56	3523760	20.0
Naphthalene, 2-ph...	18.93	15.3	ng/ul	2697070	4	17.56	3523760	20.0
9,10-Anthracenedione	18.98	18.4	ng/ul	3239200	4	17.56	3523760	20.0
Phenanthrene, 3,6...	19.17	16.1	ng/ul	2836050	4	17.56	3523760	20.0