LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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-BG070615.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	2.883	29	33	50	rVB	1890574	2632108	16.00%	1.652%
2	6.784	688	697	706	rBV	179895	334985	2.04%	0.210%
3	6.949	718	725	730	rBV	127272	194169	1.18%	0.122%
4	7.143	752	758	768	rVB	179853	294281	1.79%	0.185%
5	7.607	830	837	846	rVB	266650	423906	2.58%	0.266%
6	8.312	948	957	964	rBV	211244	354624	2.16%	0.223%
7	8.423	969	976	984	rBV	183274	299740	1.82%	0.188%
8	8.758	1027	1033	1040	rVB	159368	263771	1.60%	0.166%
9	9.475	1149	1155	1161	rVB	143541	240413	1.46%	0.151%
10	10.010	1238	1246	1253	rVB	218737	369964	2.25%	0.232%
11	10.386	1300	1310	1316	rBV	441381	746107	4.53%	0.468%
12	10.527	1325	1334	1345	rBV	109760	223406	1.36%	0.140%
13	13.418	1821	1826	1835	rVB4	72738	186533	1.13%	0.117%
14	13.582	1848	1854	1858	rBV	125501	205107	1.25%	0.129%
15	13.676	1865	1870	1874	rVV	363807	478736	2.91%	0.300%
16	13.723	1874	1878	1882	rVV	160259	204603	1.24%	0.128%
17	13.952	1909	1917	1920	rBV	405146	667535	4.06%	0.419%
18	14.264	1960	1970	1975	rVV2	664068	1140962	6.93%	0.716%
19	14.322	1975	1980	1989	rVV	567766	880817	5.35%	0.553%
20	14.463	1999	2004	2016	rBV2	196709	380965	2.32%	0.239%
21	14.663	2032	2038	2045	rVV	445138	726515	4.42%	0.456%
22	14.886	2071	2076	2081	rVV2	98932	170825	1.04%	0.107%
23	15.257	2134	2139	2144	rVB	517661	716393	4.35%	0.450%
24	15.315	2144	2149	2154	rBV2	881932	1234780	7.50%	0.775%
25	15.439	2167	2170	2173	rVB2	144572	163040	0.99%	0.102%
26	15.480	2173	2177	2181	rVB2	172774	242294	1.47%	0.152%
27	15.609	2195	2199	2207	rVB	280911	485141	2.95%	0.304%
28	15.756	2219	2224	2233	rVB	293783	597237	3.63%	0.375%
29	15.844	2233	2239	2248	rVB3	81835	213962	1.30%	0.134%
30	15.997	2260	2265	2268	rBV5	123069	203853	1.24%	0.128%
31	16.320	2309	2320	2325	rBV3	279139	649207	3.95%	0.407%
32	16.373	2325	2329	2335	rVV3	202513	326629	1.99%	0.205%
33	16.526	2351	2355	2357	rBV2	184288	249710	1.52%	0.157%
34	16.590	2363	2366	2376	rVB4	202168	365875	2.22%	0.230%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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-BG070615.M
Title : SVOA CALIBRATION

35	16.673	2376	2380	2387	rVB4	155978	258777	1.57%	0.162%
36	16.767	2389	2396	2403	rVV4	232887	648914	3.94%	0.407%
37	16.831	2403	2407	2417	rVB	485272	835917	5.08%	0.525%
38	17.019	2433	2439	2441	rBV	673046	1042693	6.34%	0.654%
39	17.066	2441	2447	2451	rVV	6056511	9392347	57.09%	5.895%
40	17.113	2451	2455	2457	rVV2	631905	853943	5.19%	0.536%
41	17.149	2457	2461	2466	rVV	2315294	3331350	20.25%	2.091%
42	17.207	2466	2471	2477	rVV3	210803	409206	2.49%	0.257%
43	17.419	2504	2507	2511	rBV	252885	312699	1.90%	0.196%
44	17.536	2524	2527	2531	rBV2	180648	247974	1.51%	0.156%
45	17.595	2534	2537	2540	rVB	184720	226543	1.38%	0.142%
46	17.736	2557	2561	2567	rBV2	184939	327921	1.99%	0.206%
47	17.895	2583	2588	2591	rBV	966798	1335486	8.12%	0.838%
48	17.942	2591	2596	2603	rVB	1411815	2139940	13.01%	1.343%
49	18.024	2604	2610	2615	rBV	659619	1047870	6.37%	0.658%
50	18.089	2615	2621	2625	rVV2	1733051	3130800	19.03%	1.965%
51	18.124	2625	2627	2634	rVB	672296	850688	5.17%	0.534%
52	18.294	2653	2656	2660	rVB3	165818	233075	1.42%	0.146%
53	18.400	2670	2674	2678	rBV	843218	1150585	6.99%	0.722%
54	18.441	2678	2681	2688	rVB4	251332	404478	2.46%	0.254%
55	18.647	2713	2716	2720	rVV	359924	448248	2.72%	0.281%
56	18.700	2721	2725	2728	rVV	406593	538437	3.27%	0.338%
57	18.735	2728	2731	2735	rVB2	399348	517142	3.14%	0.325%
58	18.817	2740	2745	2750	rBV	801328	1415075	8.60%	0.888%
59	18.888	2751	2757	2760	rVV3	342723	593282	3.61%	0.372%
60	18.964	2766	2770	2777	rBV2	412636	827558	5.03%	0.519%
61	19.099	2785	2793	2798	rBV	8903103	14142478	85.96%	8.876%
62	19.158	2800	2803	2806	rVV	227347	270141	1.64%	0.170%
63	19.334	2829	2833	2836	rVV3	355994	481655	2.93%	0.302%
64	19.369	2837	2839	2843	rVB	230921	255216	1.55%	0.160%
65	19.463	2844	2855	2862	rBV3	7790191	16453070	100.00%	10.326%
66	19.528	2862	2866	2872	rVB2	865740	1535134	9.33%	0.963%
67	19.634	2880	2884	2890	rVB2	554117	928087	5.64%	0.582%
68	19.693	2891	2894	2899	rVB2	535849	714265	4.34%	0.448%
69	19.775	2903	2908	2915	rBV3	740460	1950103	11.85%	1.224%
70	19.916	2927	2932	2933	rBV2	584329	831338	5.05%	0.522%
71	19.951	2934	2938	2942	rVB	2036996	2901427	17.63%	1.821%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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-BG070615.M
Title : SVOA CALIBRATION

72	20.051	2951	2955	2959	rBV	1831041	2210231	13.43%	1.387%
73	20.110	2959	2965	2969	rVV2	1452616	2363851	14.37%	1.484%
74	20.145	2969	2971	2976	rVB3	420665	531860	3.23%	0.334%
75	20.251	2985	2989	2992	rBV	812119	1058080	6.43%	0.664%
76	20.292	2992	2996	3000	rVV	907044	1215606	7.39%	0.763%
77	20.662	3056	3059	3062	rBV3	358333	583426	3.55%	0.366%
78	20.697	3062	3065	3072	rVB	922993	1398163	8.50%	0.877%
79	20.791	3078	3081	3086	rVB	541219	679676	4.13%	0.427%
80	20.844	3087	3090	3091	rBV	662056	683352	4.15%	0.429%
81	20.868	3091	3094	3097	rVV2	1129226	1642623	9.98%	1.031%
82	20.903	3097	3100	3104	rVV	1002423	1234594	7.50%	0.775%
83	20.950	3104	3108	3112	rVV2	935352	1776468	10.80%	1.115%
84	21.003	3114	3117	3122	rVB2	665939	994371	6.04%	0.624%
85	21.208	3147	3152	3157	rBV3	5726969	9599481	58.34%	6.025%
86	21.261	3157	3161	3168	rVB	5188564	7309207	44.42%	4.587%
87	21.338	3170	3174	3177	rVB2	512057	687293	4.18%	0.431%
88	21.379	3177	3181	3184	rBV	949670	1290281	7.84%	0.810%
89	21.532	3203	3207	3212	rVB3	773694	1442980	8.77%	0.906%
90	21.714	3234	3238	3240	rBV3	499548	719420	4.37%	0.451%
91	21.767	3241	3247	3251	rVV	1437491	2647291	16.09%	1.661%
92	21.820	3253	3256	3262	rVB	664034	915398	5.56%	0.574%
93	21.996	3283	3286	3292	rVB4	910493	1252365	7.61%	0.786%
94	22.278	3331	3334	3344	rVB5	740539	1659688	10.09%	1.042%
95	22.795	3415	3422	3426	rBV	3646922	8320921	50.57%	5.222%
96	22.953	3446	3449	3455	rVB	691910	1046690	6.36%	0.657%
97	23.271	3497	3503	3508	rBV	2003203	3891212	23.65%	2.442%
98	23.365	3514	3519	3526	rVB	3650379	6705172	40.75%	4.208%
99	23.506	3540	3543	3552	rVB2	1042039	1923263	11.69%	1.207%
100	25.727	3914	3921	3933	rVB	1230253	3705283	22.52%	2.325%

Sum of corrected areas: 159340301

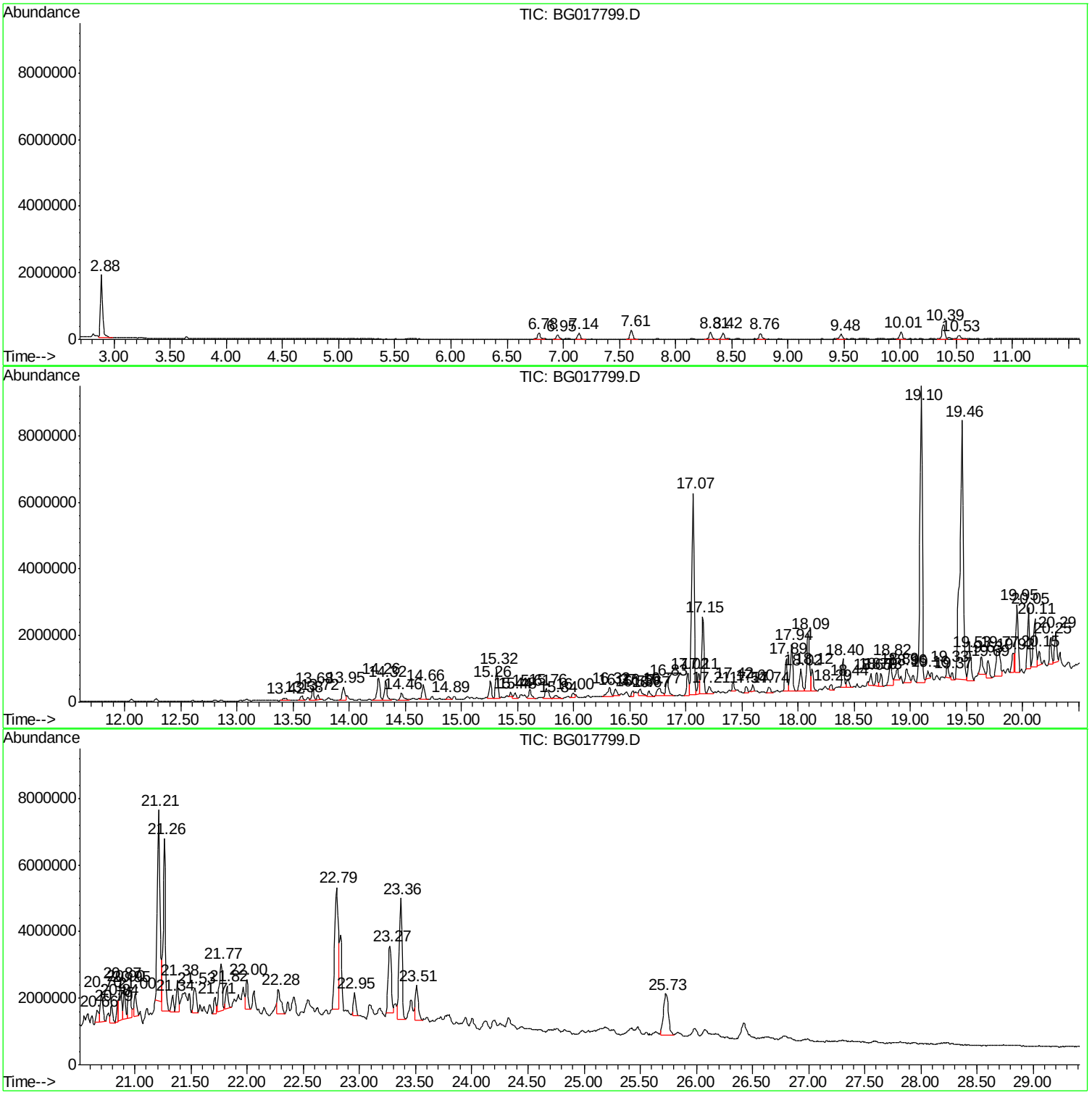
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

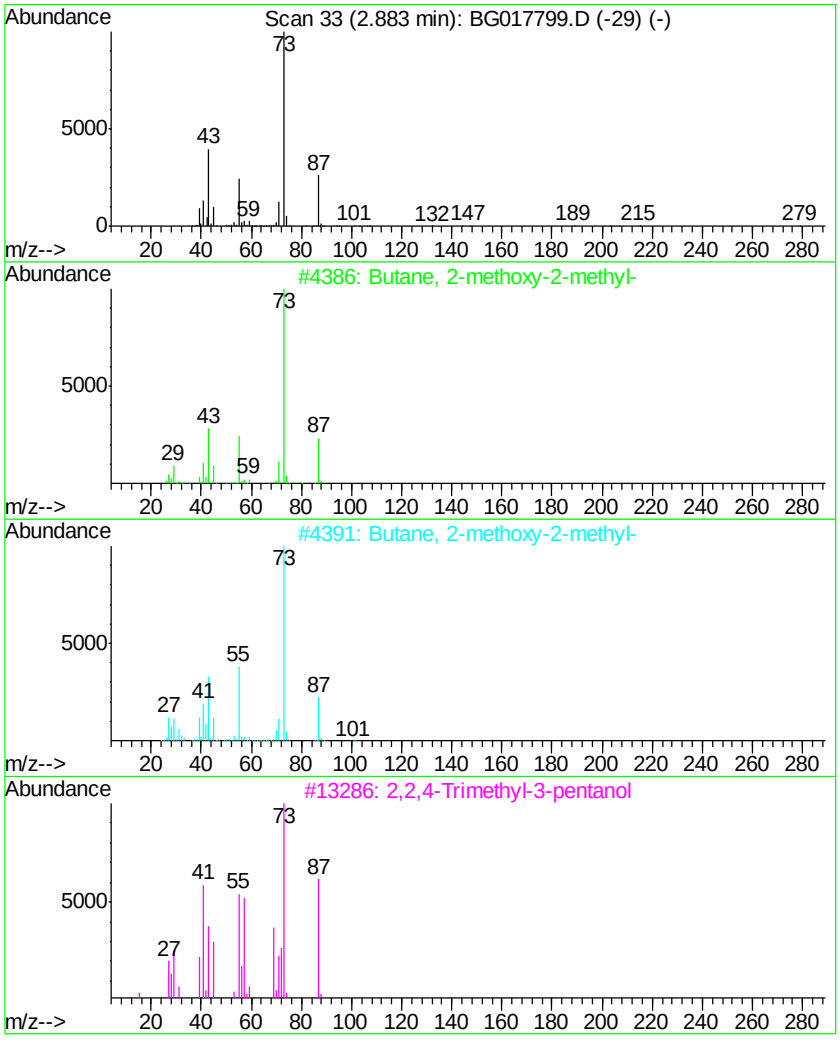
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

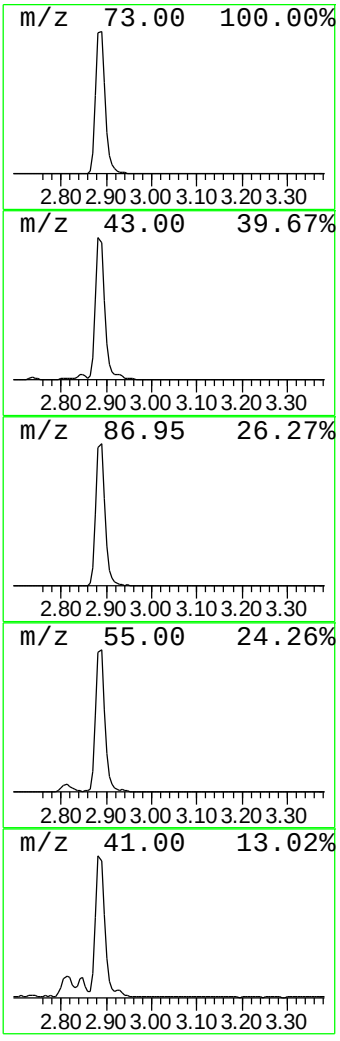
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	124.18 ng/ul	2632110	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

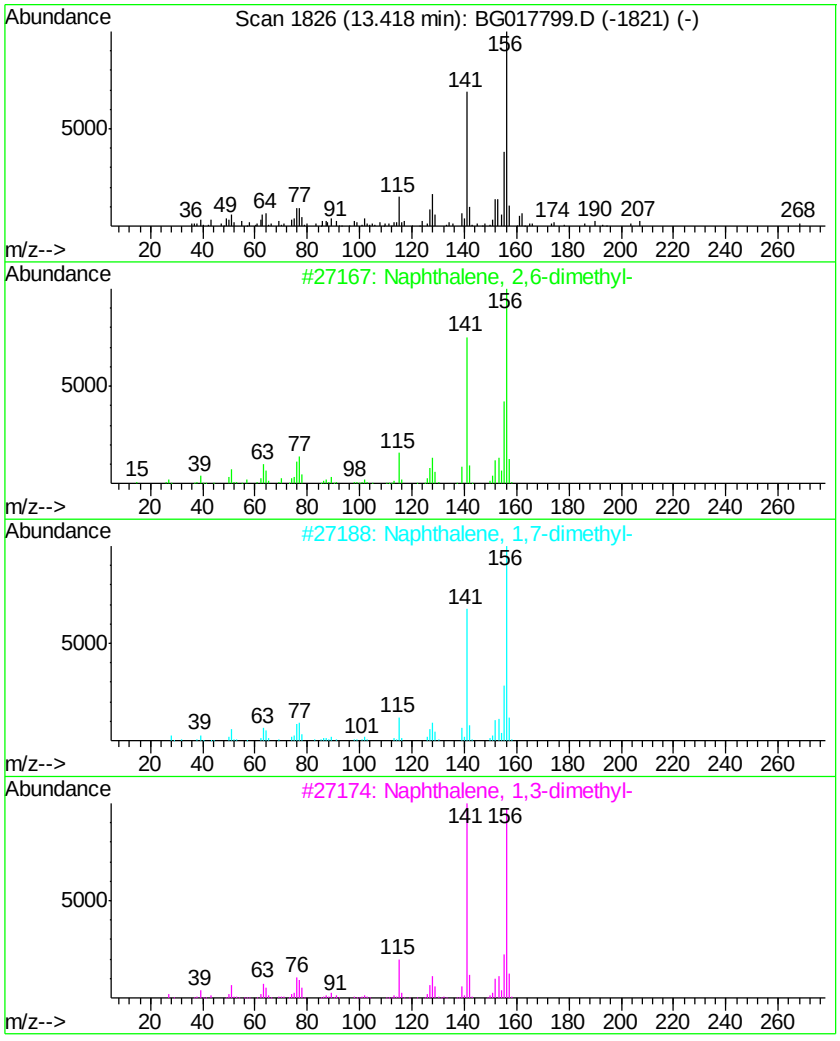
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

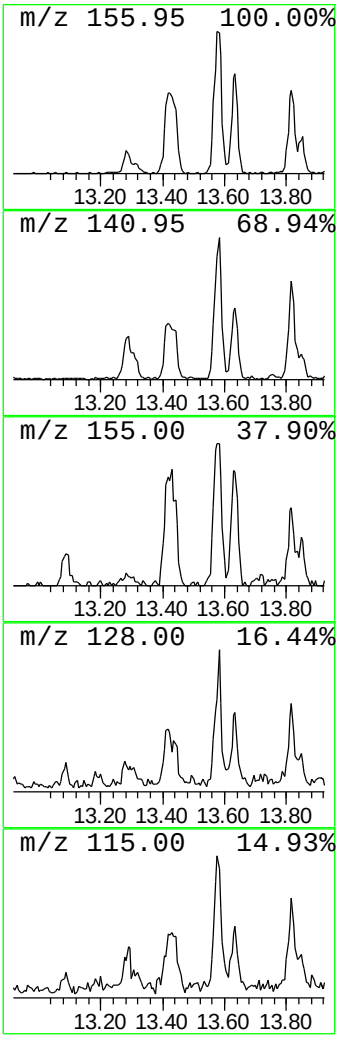
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.27 ng/ul	186533	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

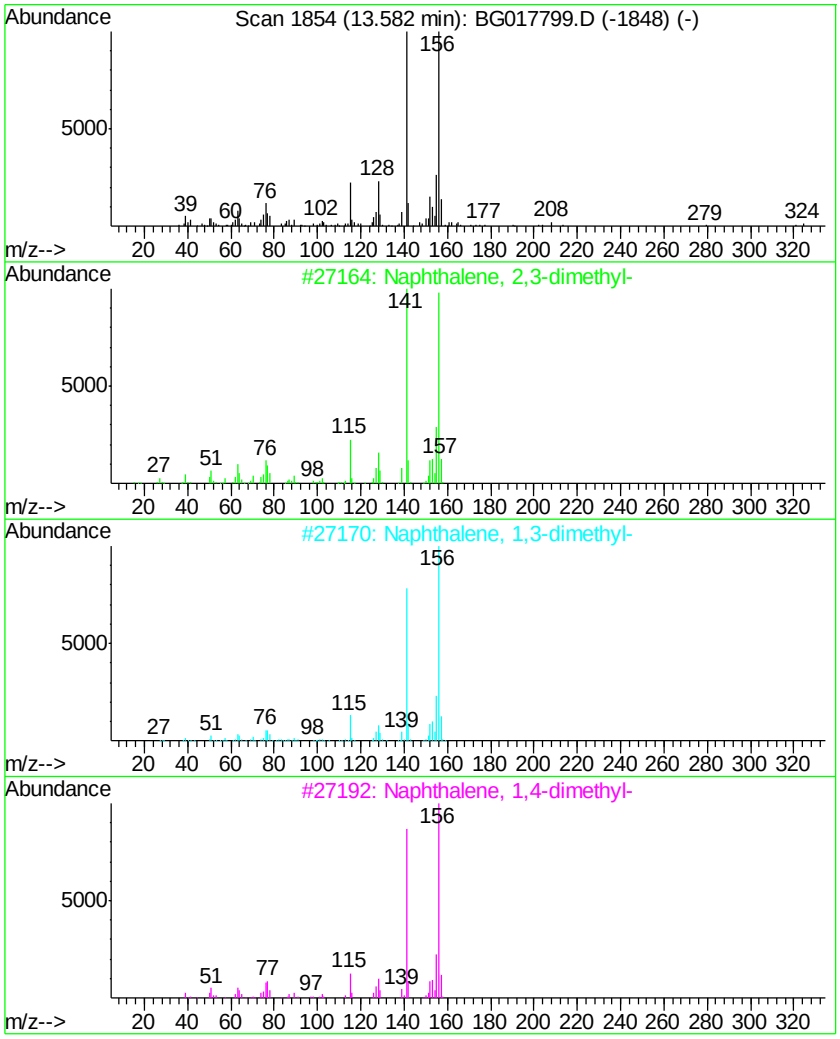
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

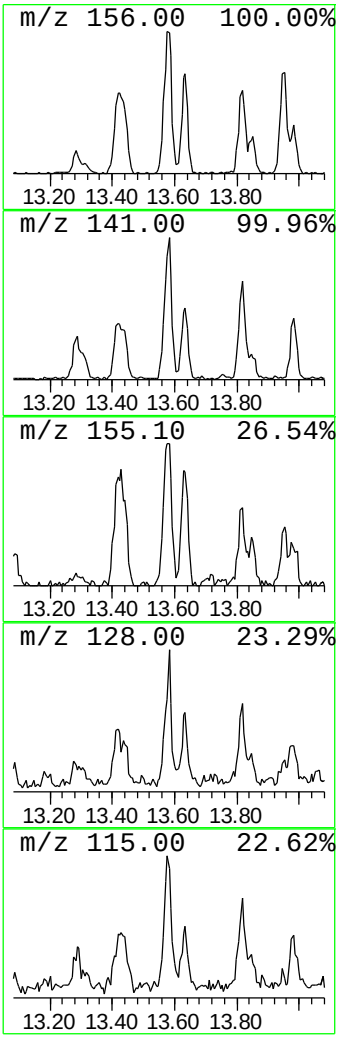
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.60 ng/ul	205107	Acenaphthene-d10	14.26

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

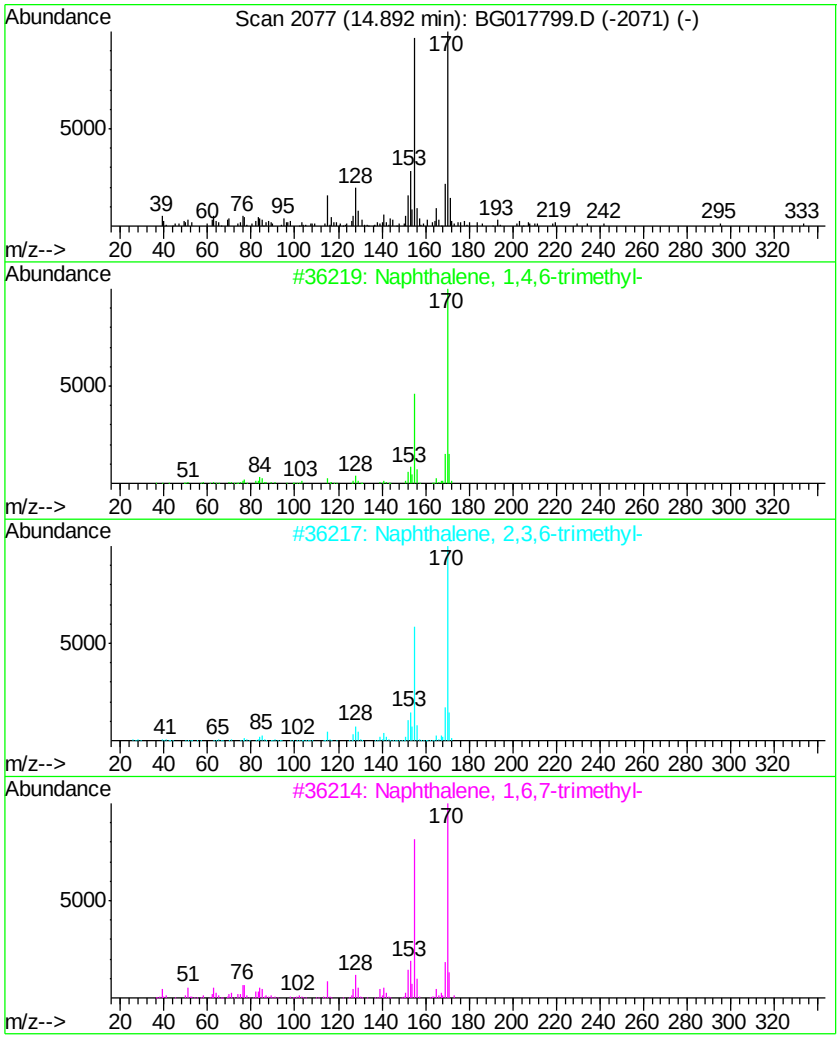
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

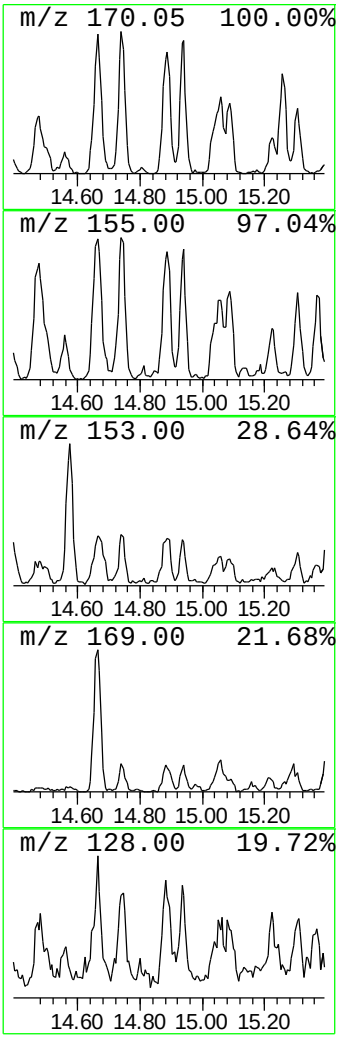
****

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.99 ng/ul	170825	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

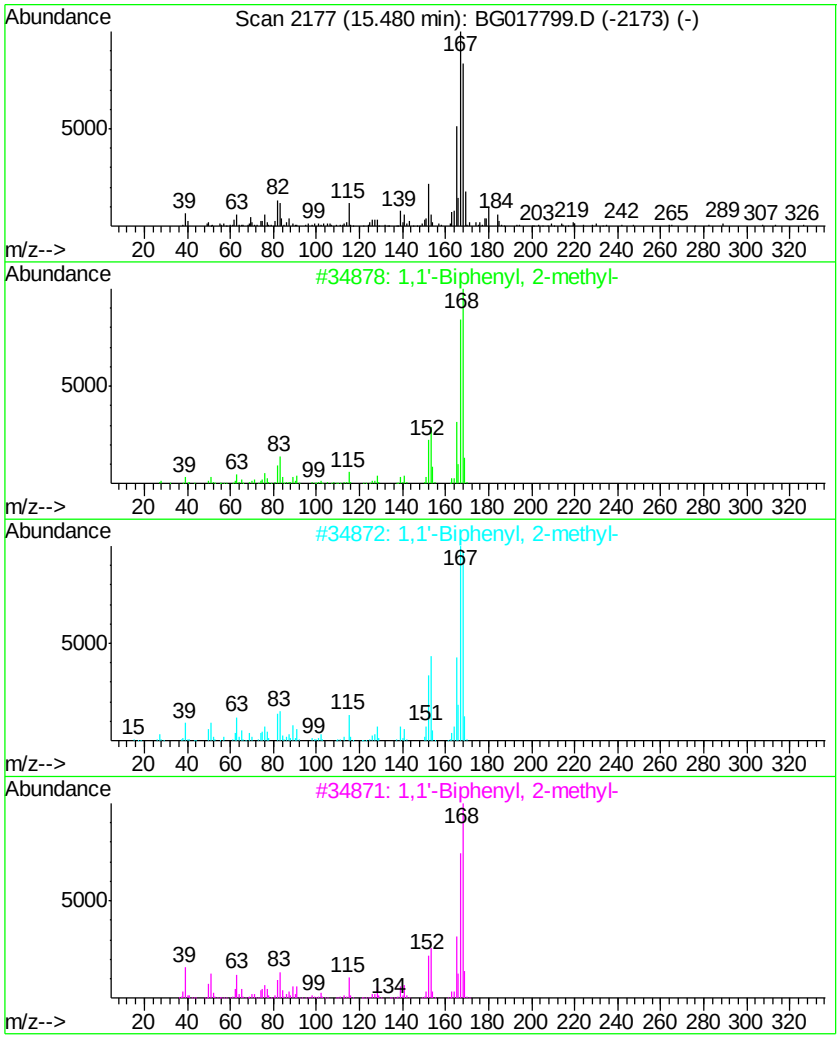
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

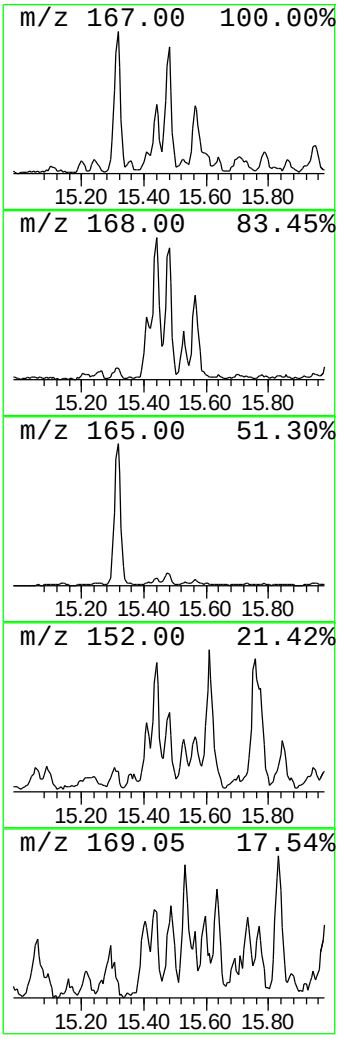
****

Peak Number 5 1,1'-Biphenyl, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	4.25 ng/ul	242294	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
4	Diphenylmethane	168	C13H12	000101-81-5	59
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49





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Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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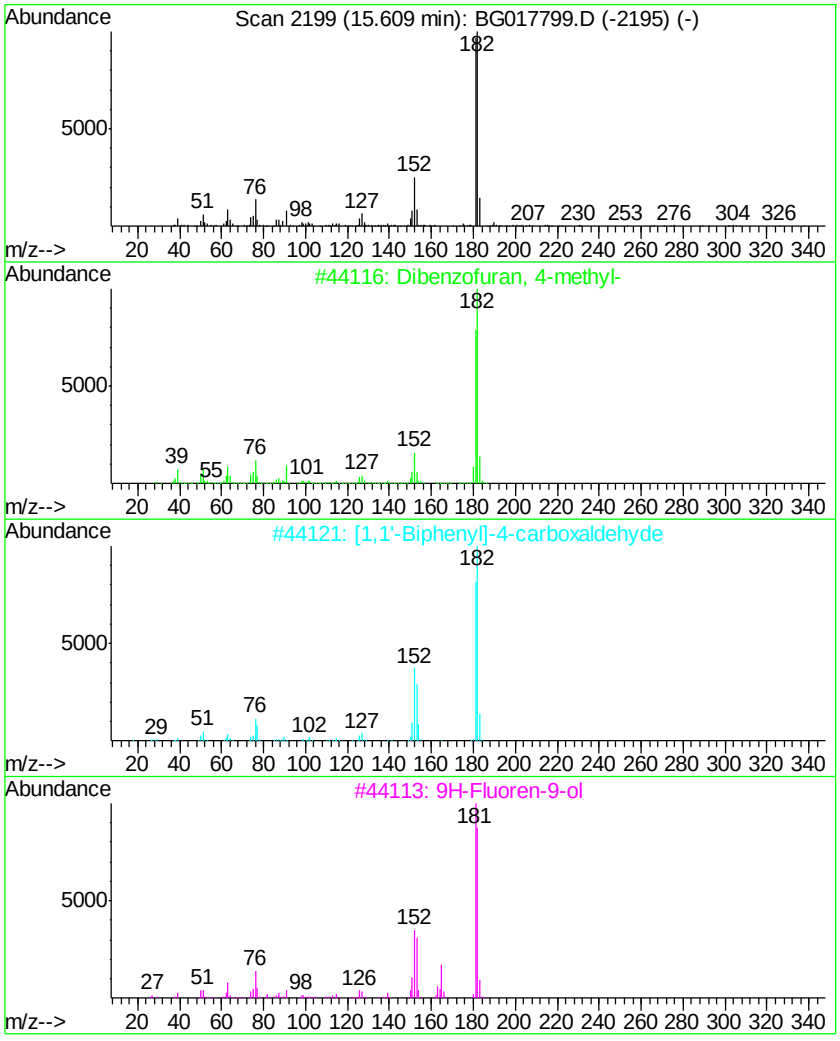
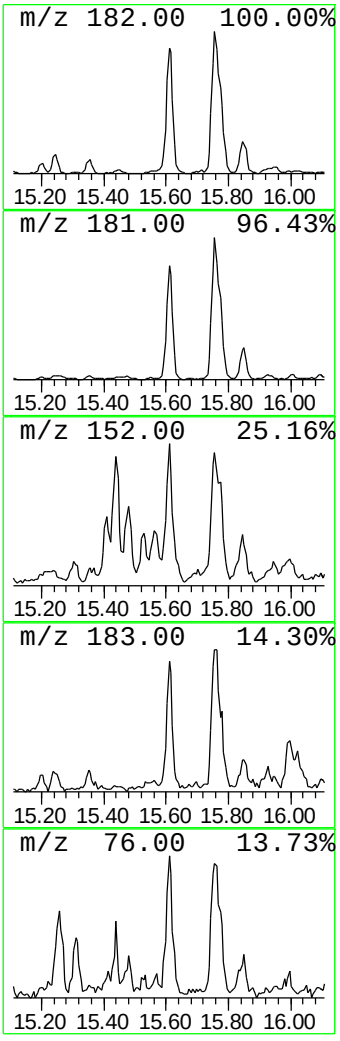
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	8.50 ng/ul	485141	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Xanthene	182	C13H10O	000092-83-1	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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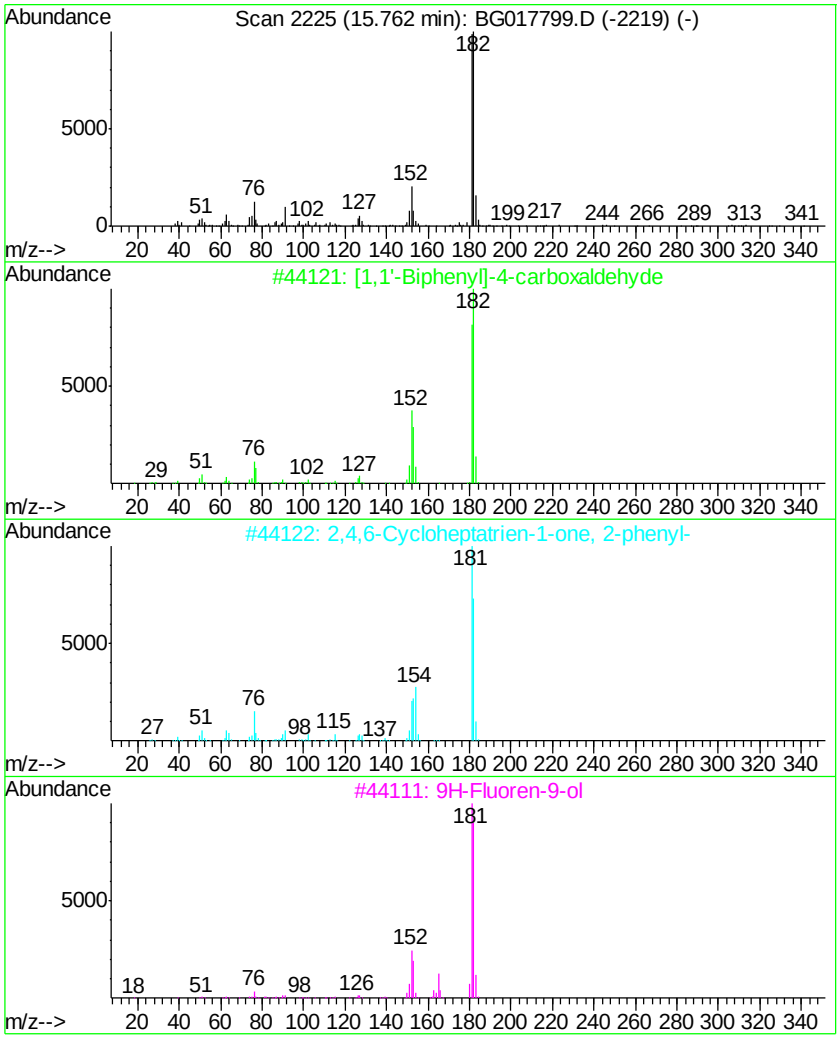
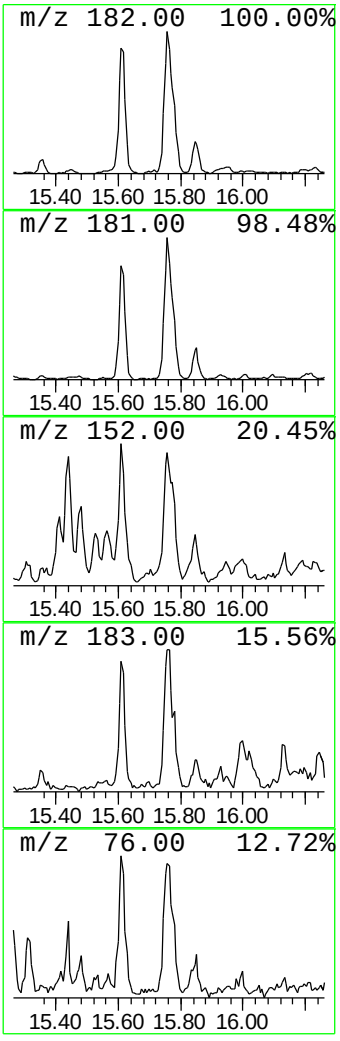
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	11.46 ng/ul	597237	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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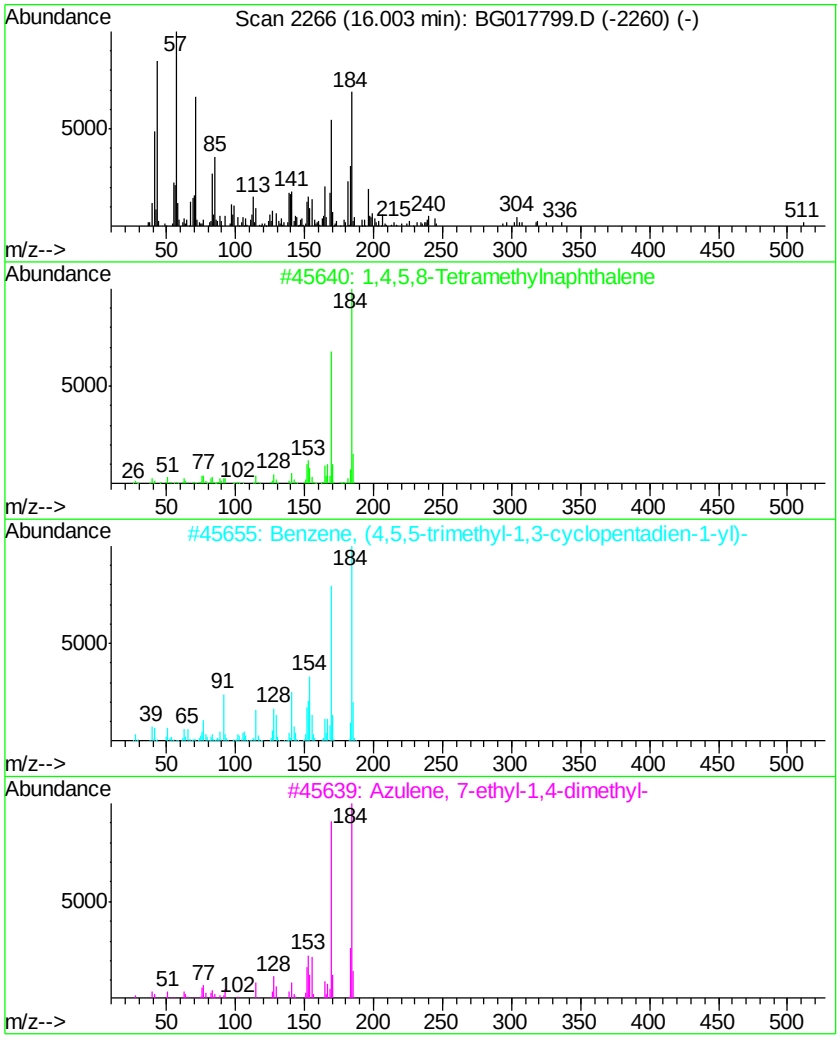
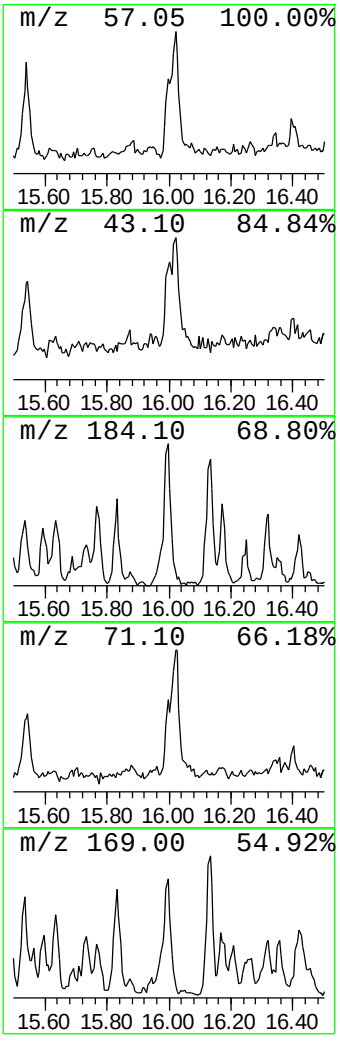
Peak Number 9 1,4,5,8-Tetramethylnaphthalene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	3.91 ng/ul	203853	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	50
2	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	43
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	43
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	38
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38





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Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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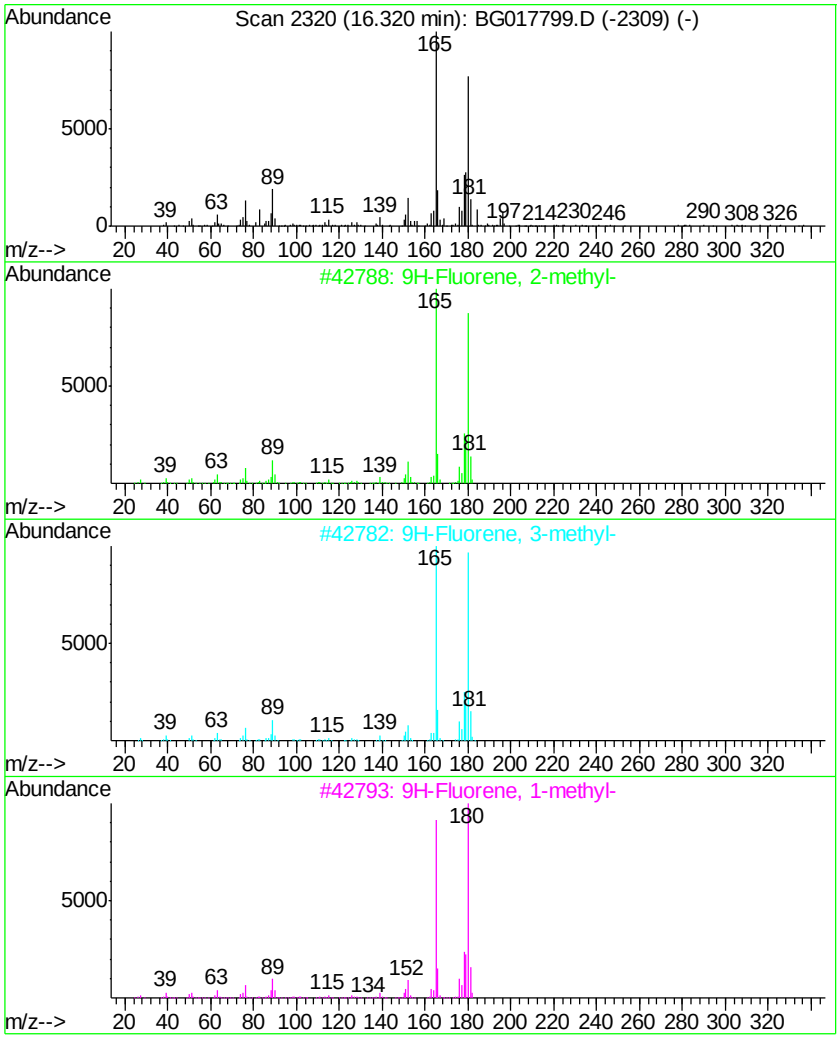
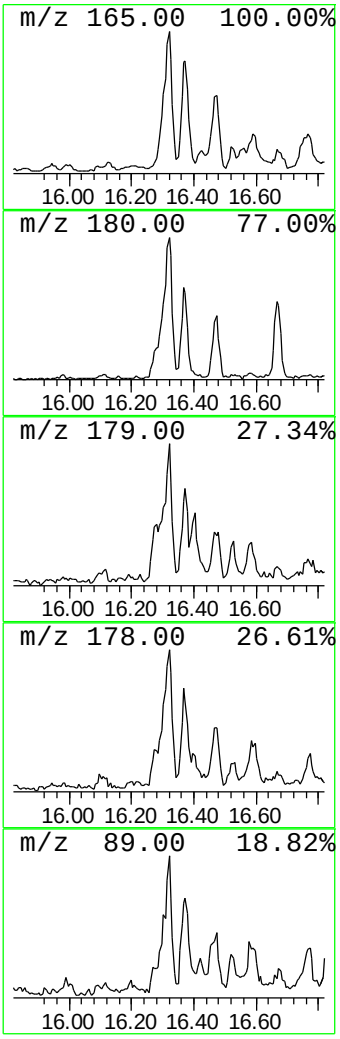
Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	12.45 ng/ul	649207	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





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Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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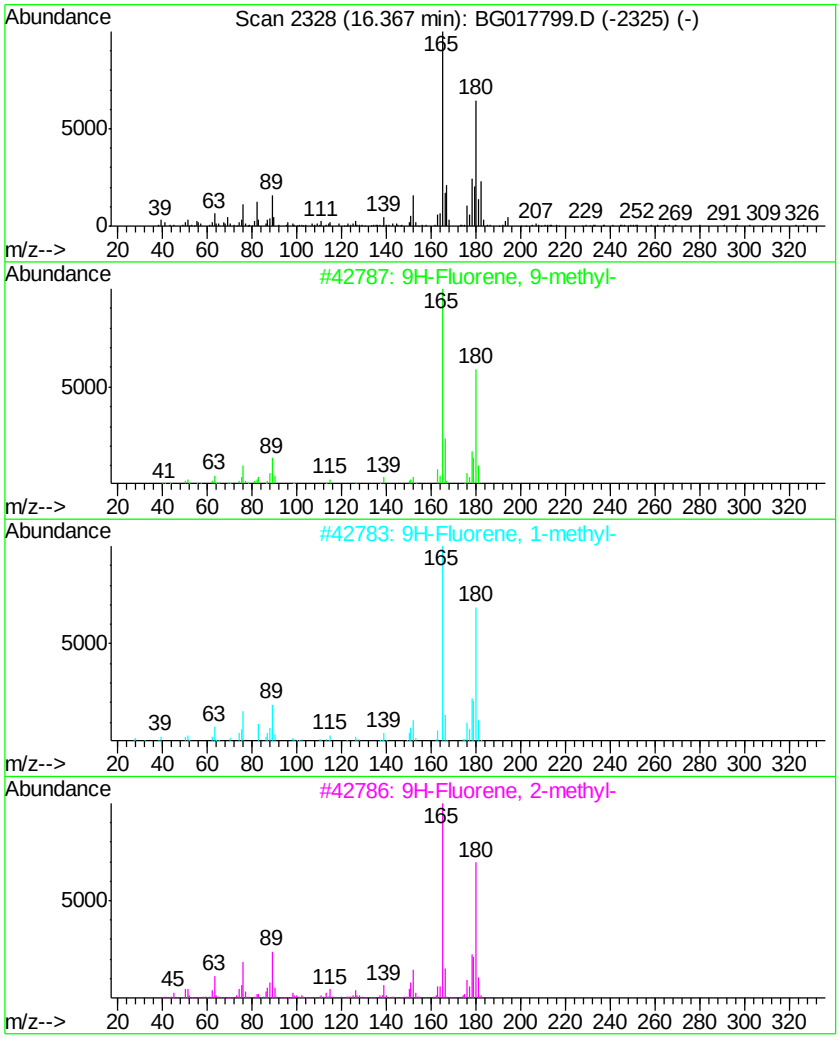
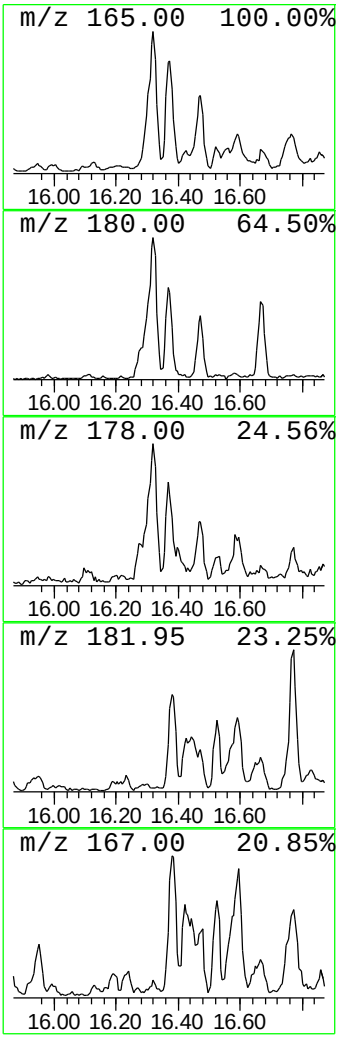
Peak Number 11 9H-Fluorene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	6.27 ng/ul	326629	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	53
4	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	50
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	49





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Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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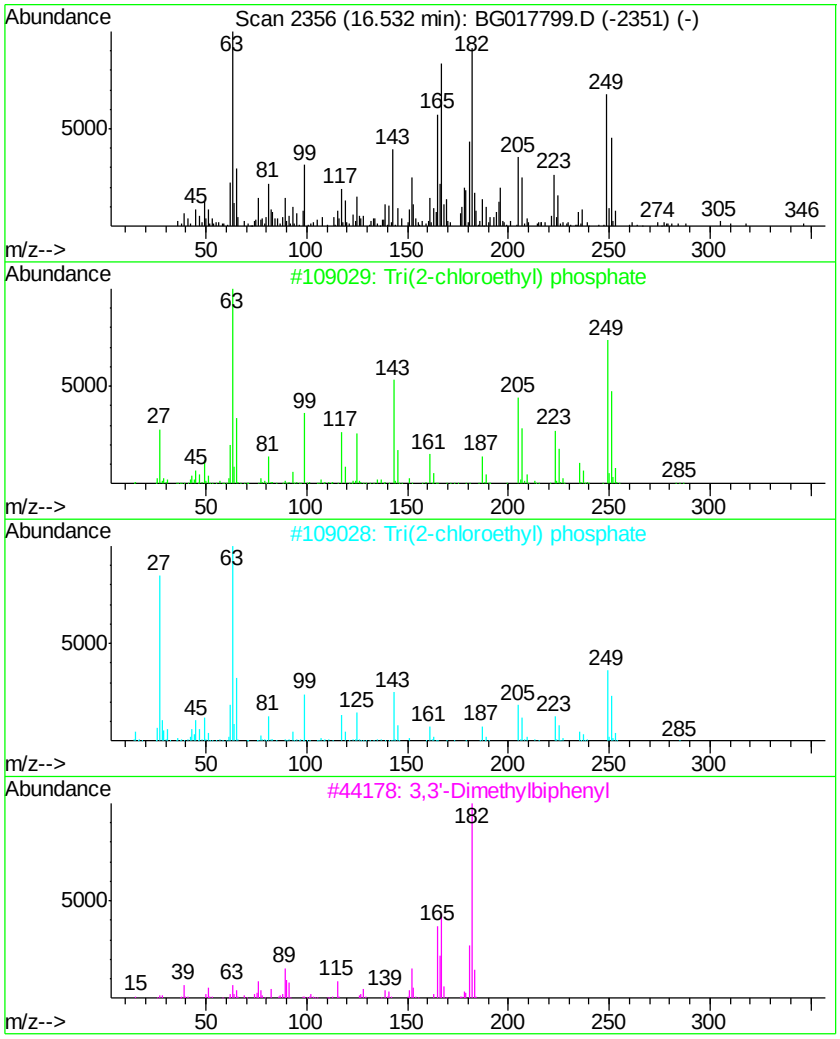
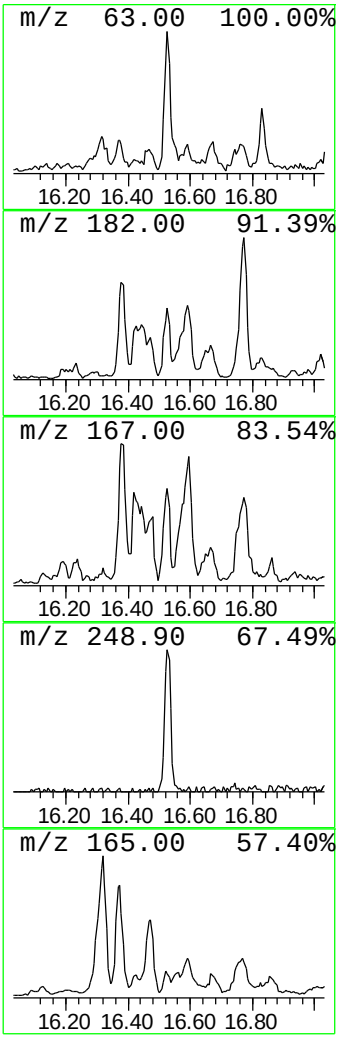
Peak Number 12 Tri(2-chloroethyl) phosphate Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.79 ng/ul	249710	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	70
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	52
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	45
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	44
5	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	43





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Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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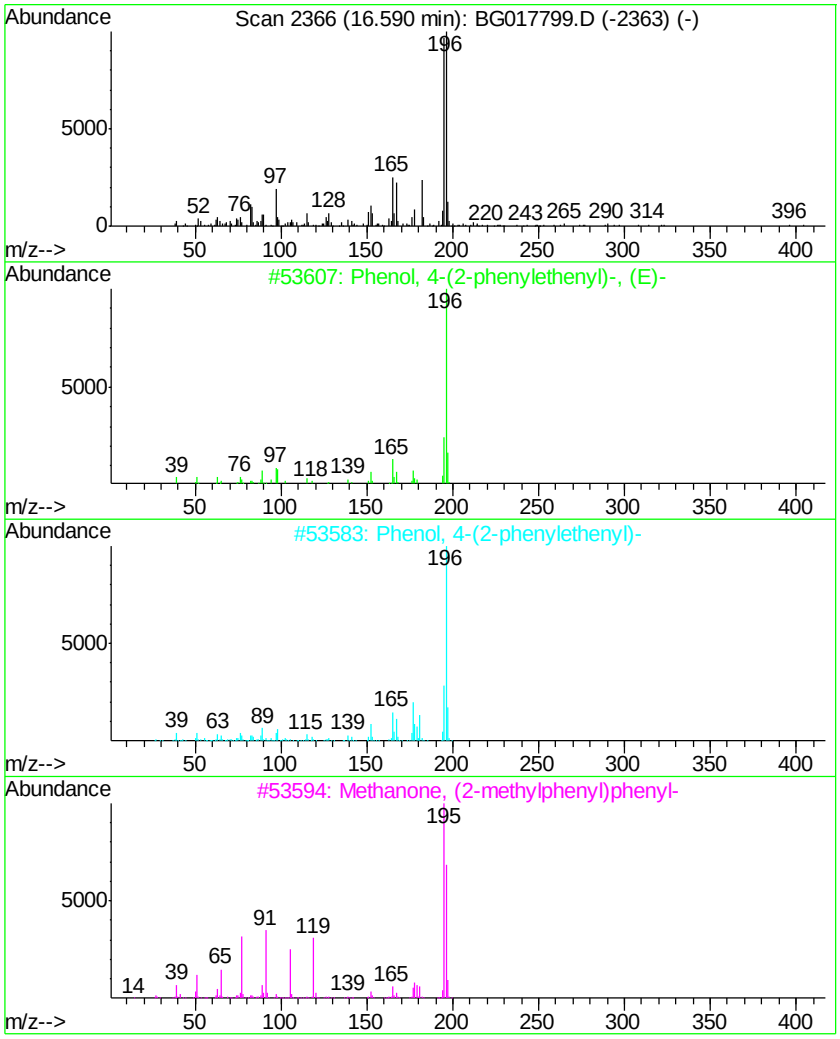
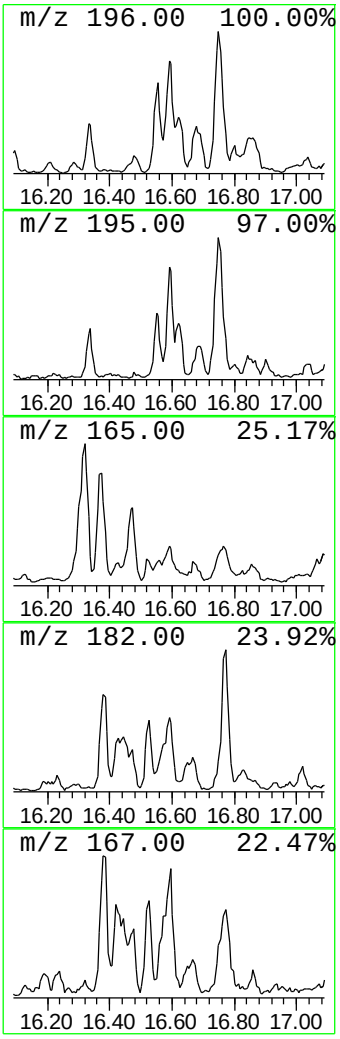
Peak Number 13 Phenol, 4-(2-phenylethenyl)... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	7.02 ng/ul	365875	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	55
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	50
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	49





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Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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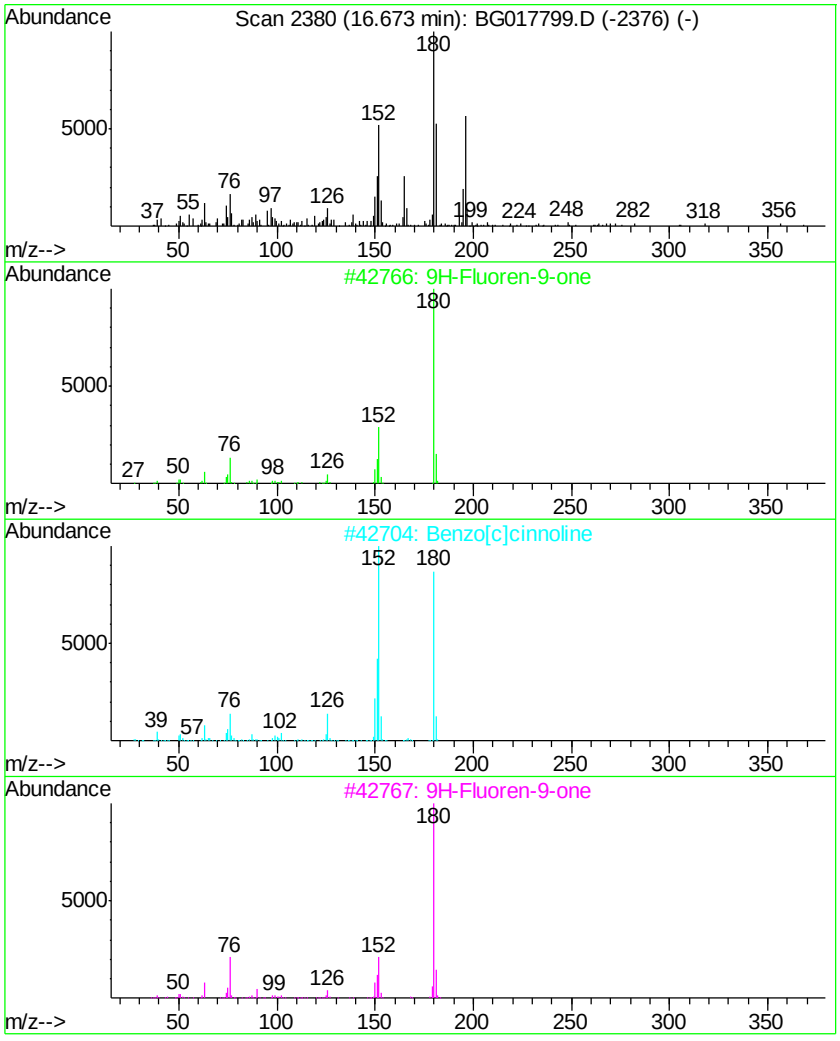
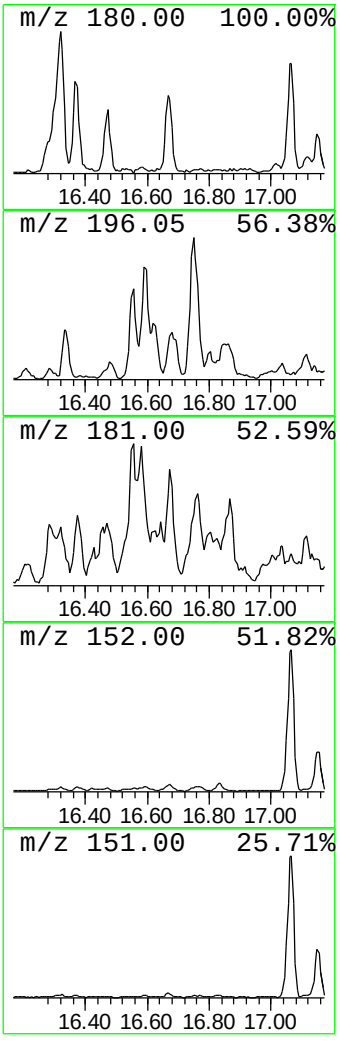
Peak Number 14 9H-Fluoren-9-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	4.96 ng/ul	258777	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	58
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55





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Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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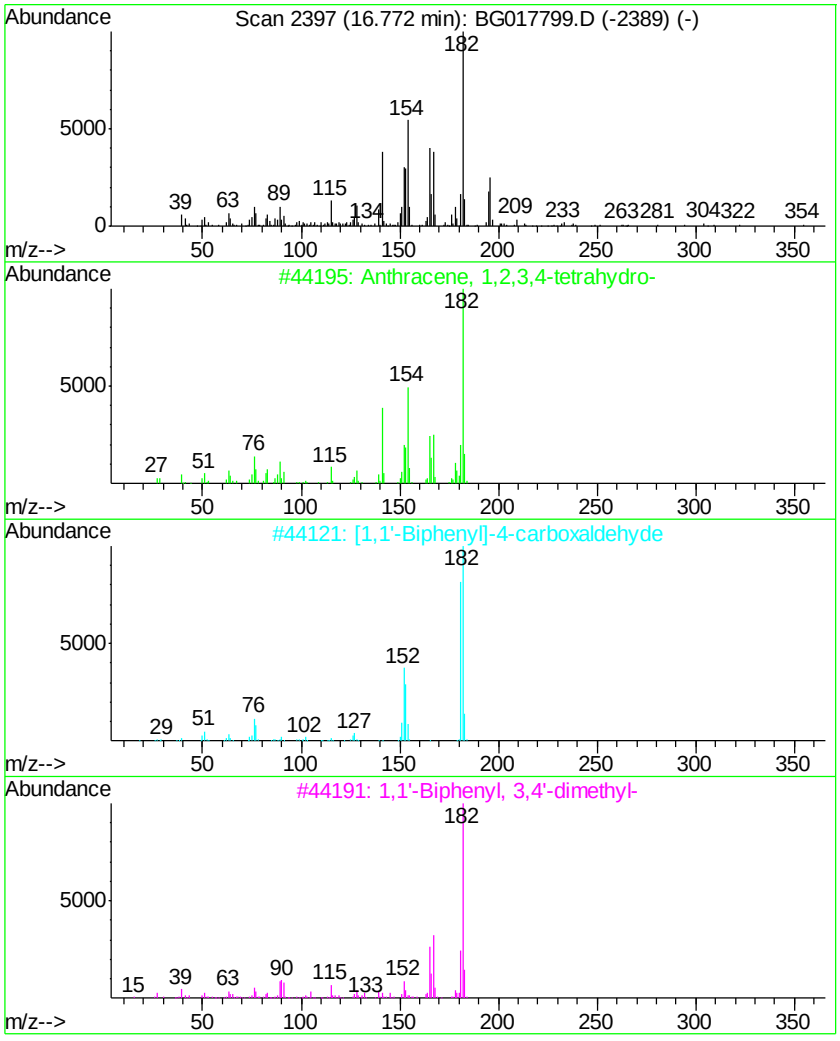
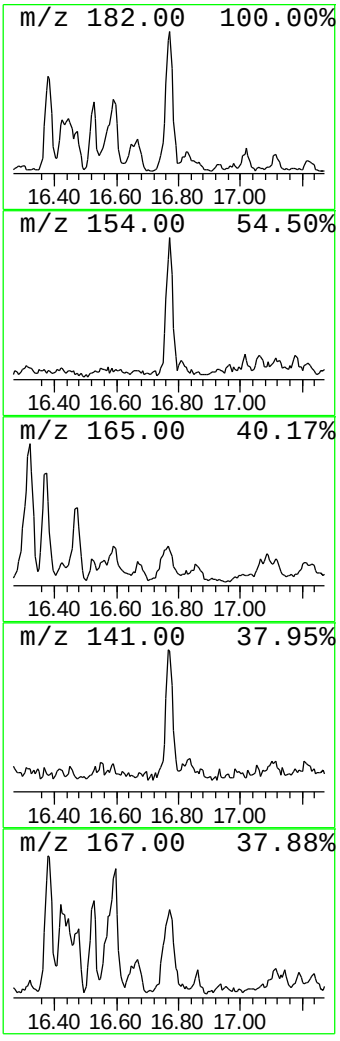
Peak Number 15 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	12.45 ng/ul	648914	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	52
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	48
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	41
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	41
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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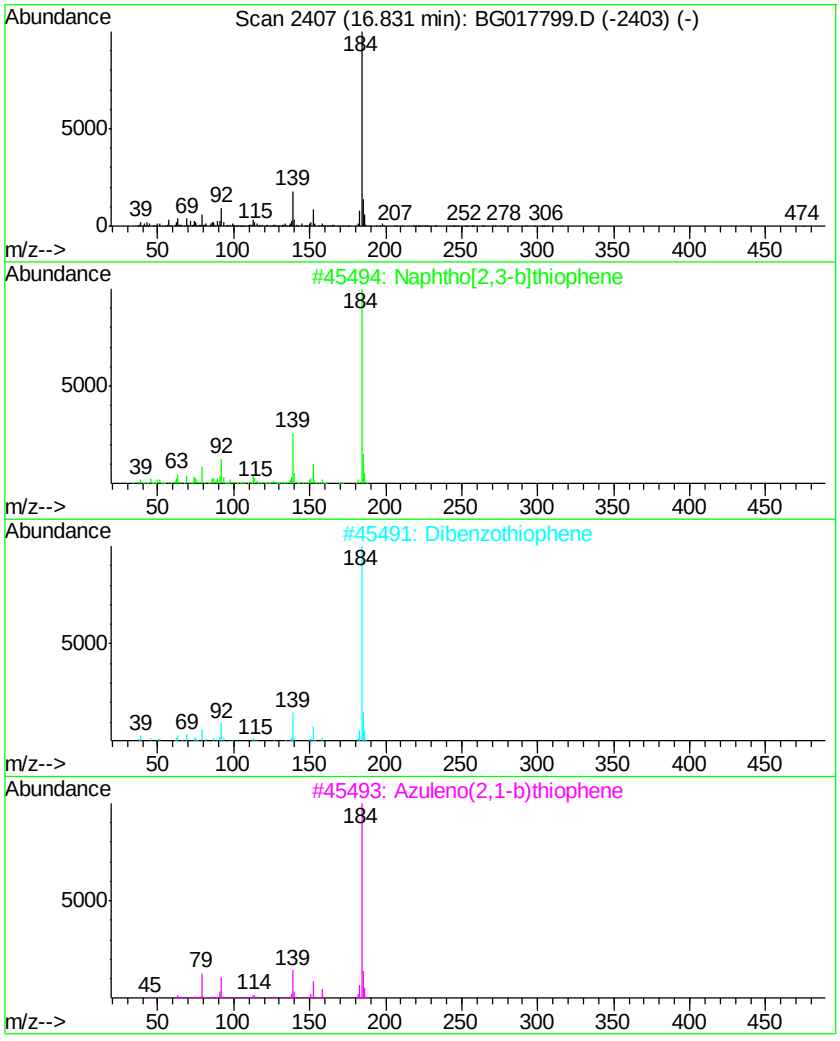
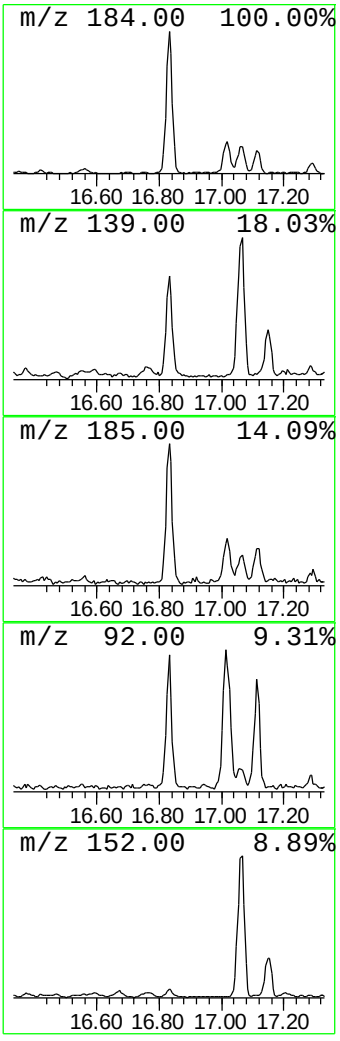
Peak Number 16 Naphtho[2,3-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	16.03 ng/ul	835917	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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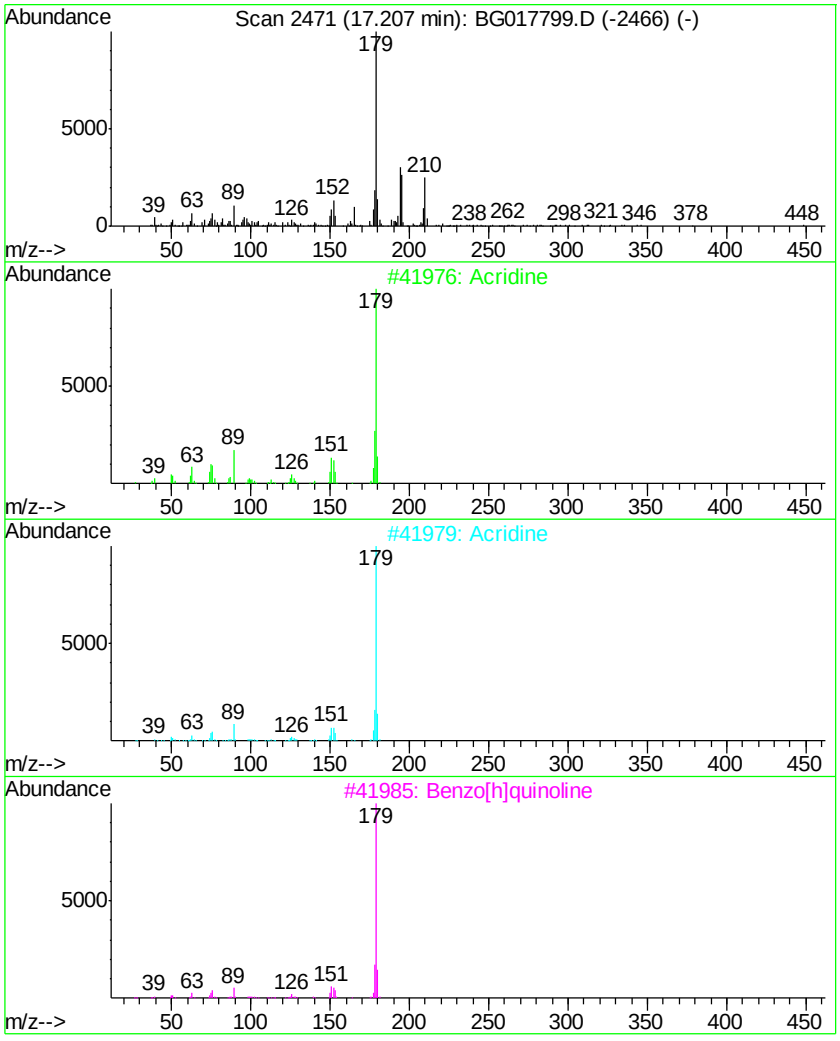
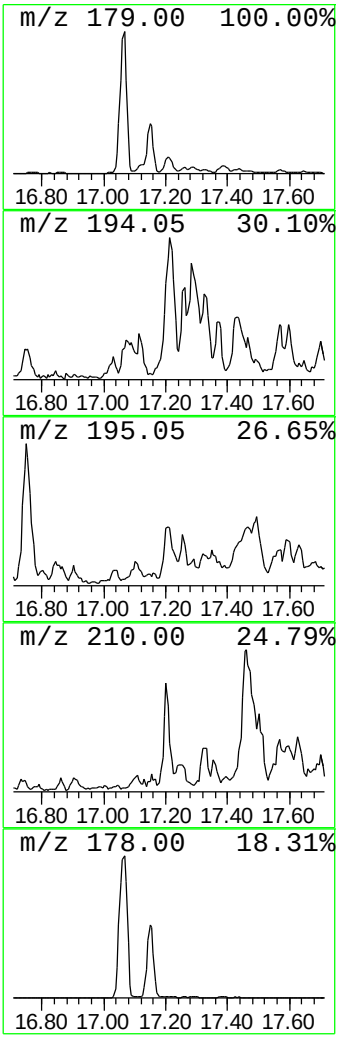
Peak Number 17 Acridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	7.85 ng/ul	409206	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	91
2	Acridine	179	C13H9N	000260-94-6	91
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	78
4	Phenanthridine	179	C13H9N	000229-87-8	60
5	Acridine	179	C13H9N	000260-94-6	60





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Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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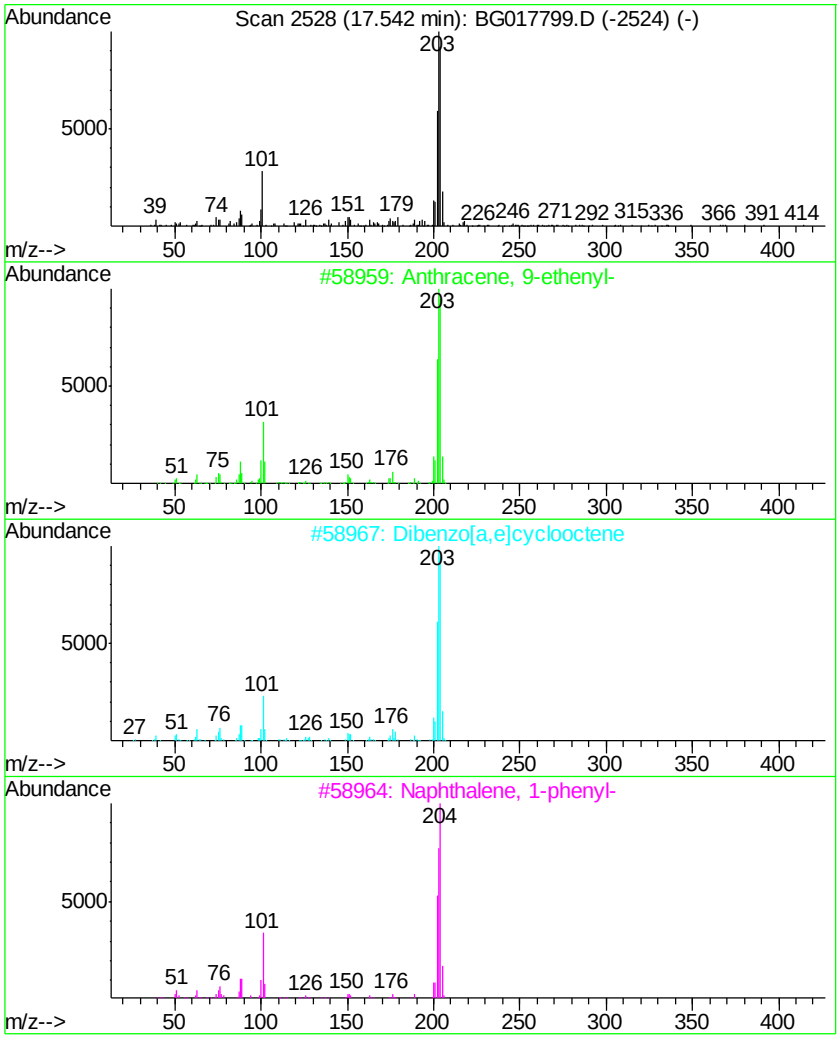
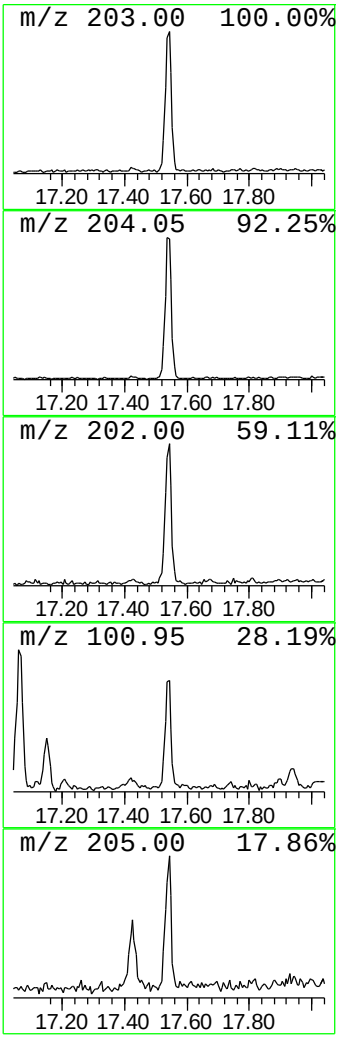
Peak Number 18 Anthracene, 9-ethenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	4.76 ng/ul	247974	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
4	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	70
5	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	68





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Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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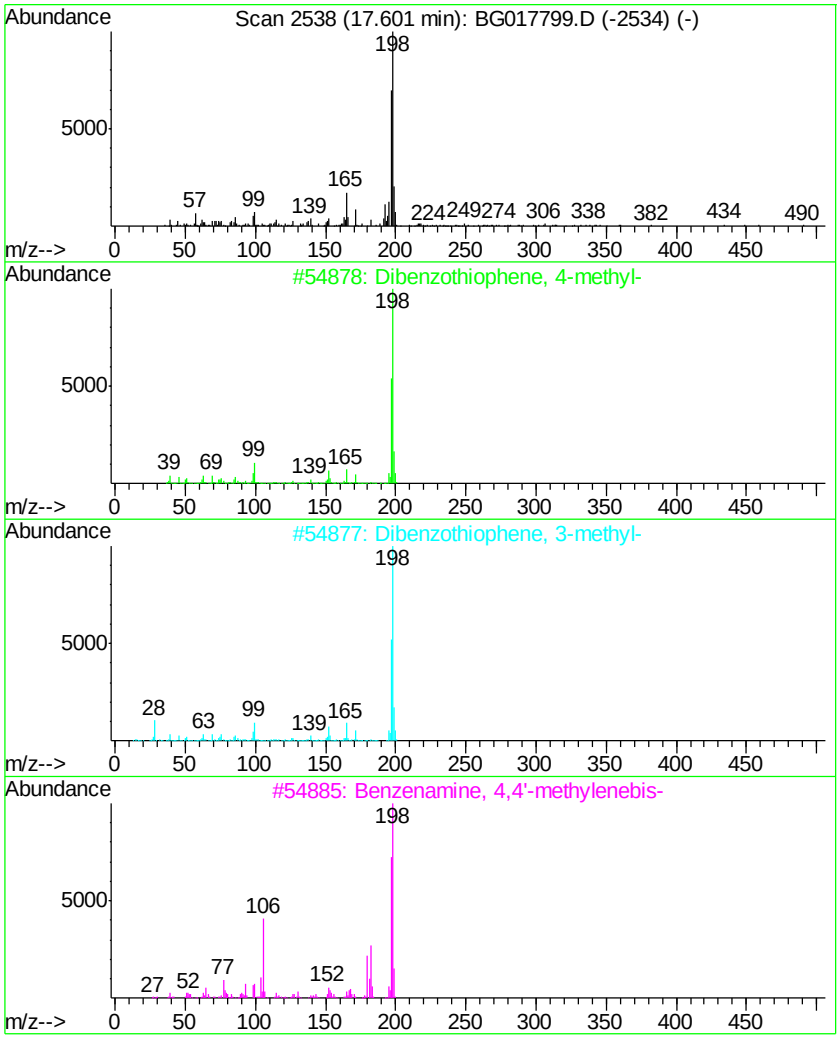
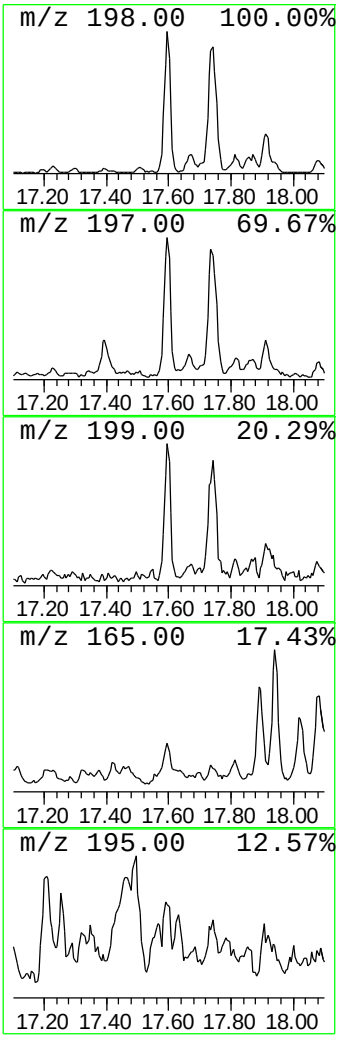
Peak Number 19 Dibenzothiophene, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	4.35 ng/ul	226543	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	74
4	Thioxanthene	198	C13H10S	000261-31-4	70
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64





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Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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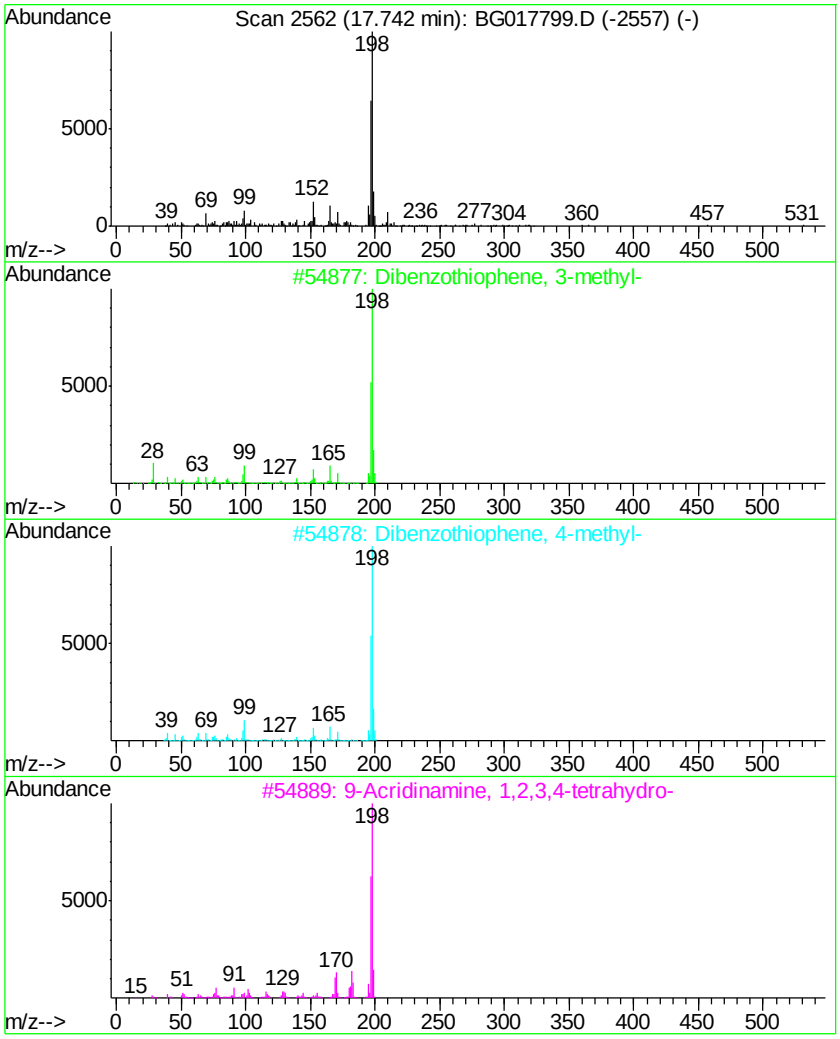
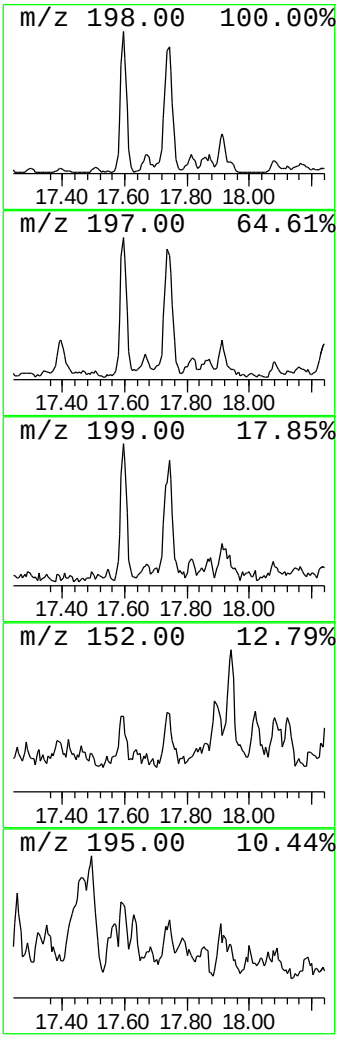
Peak Number 20 Dibenzothiophene, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	6.29 ng/ul	327921	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
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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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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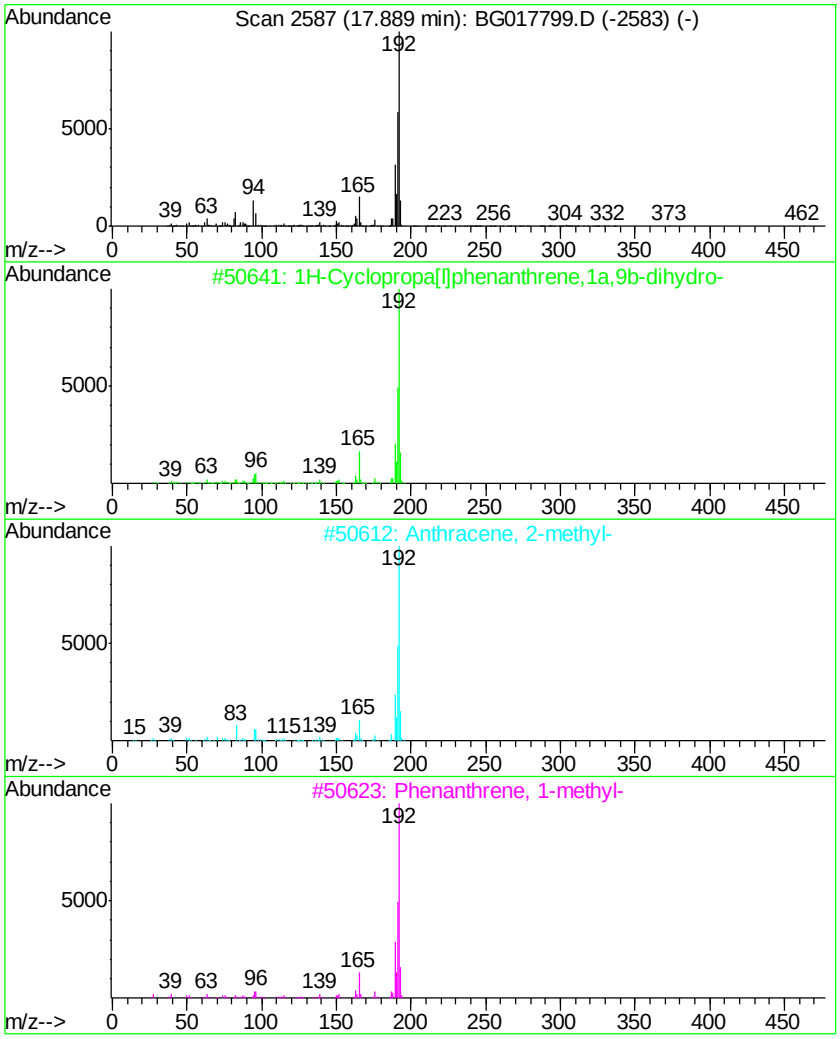
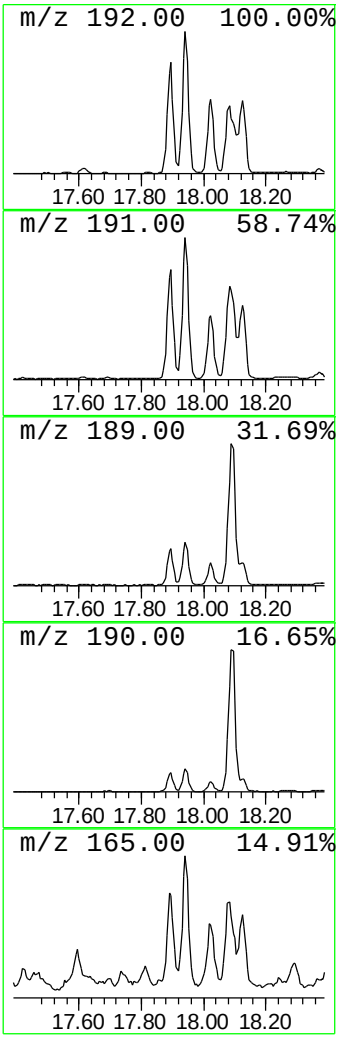
Peak Number 21 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	25.62 ng/ul	1335490	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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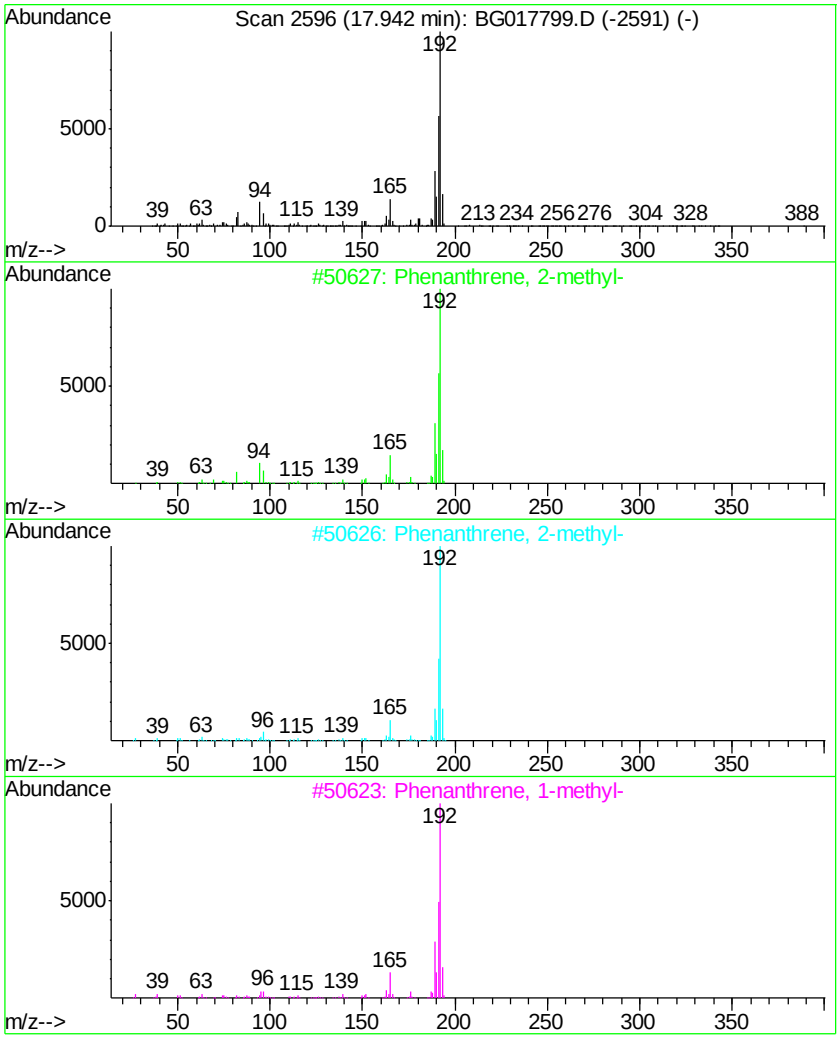
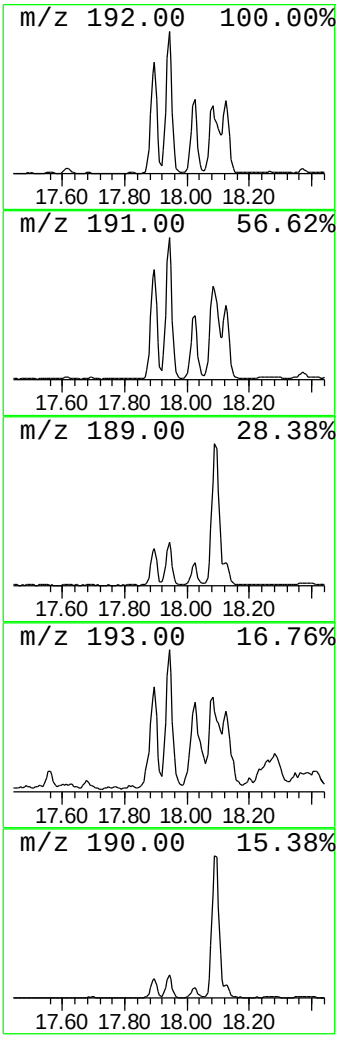
Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	41.05 ng/ul	2139940	Phenanthrene-d10	17.02

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	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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Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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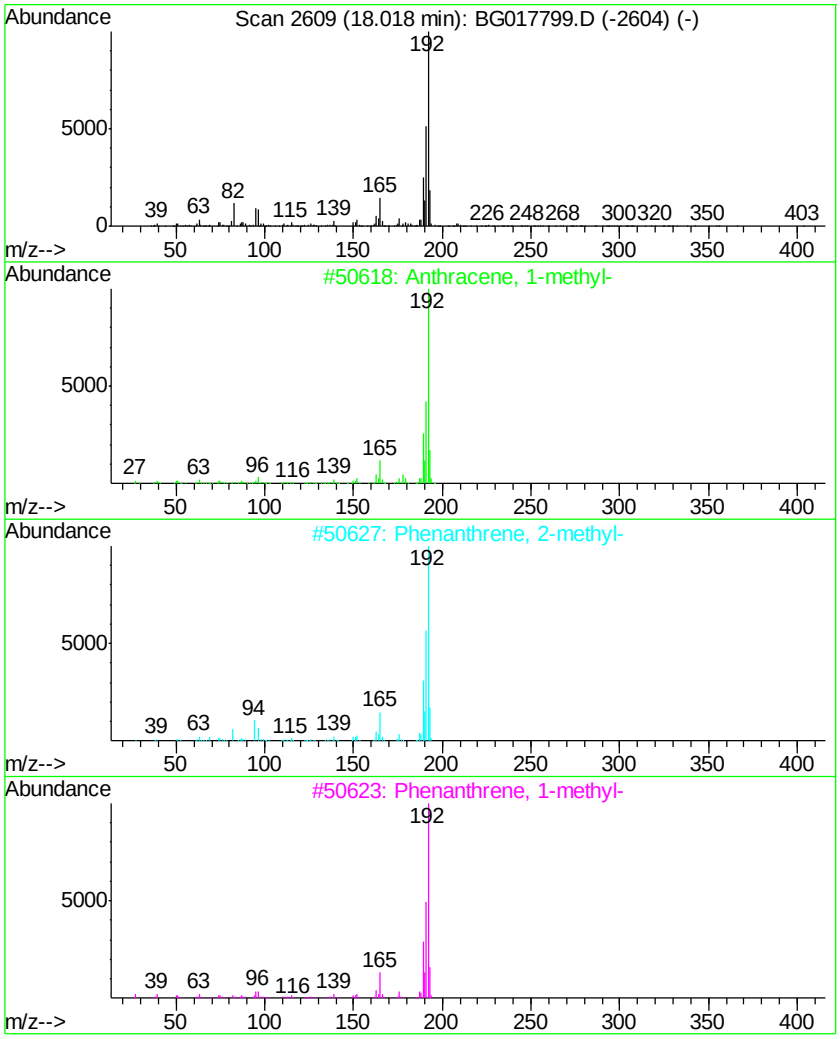
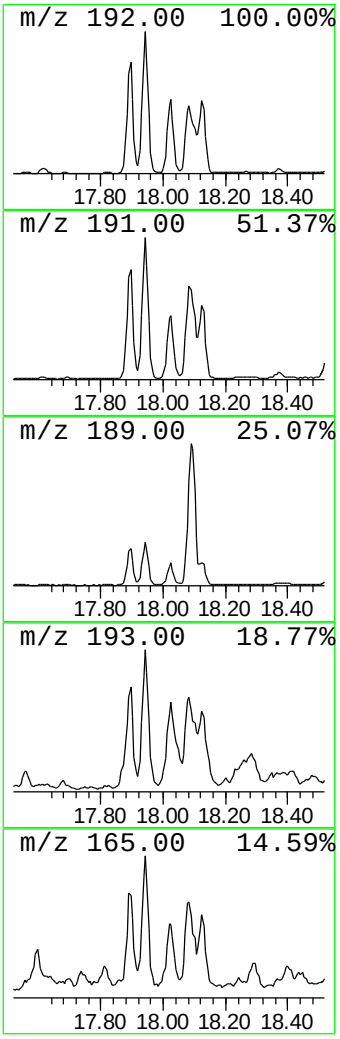
Peak Number 23 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	20.10 ng/ul	1047870	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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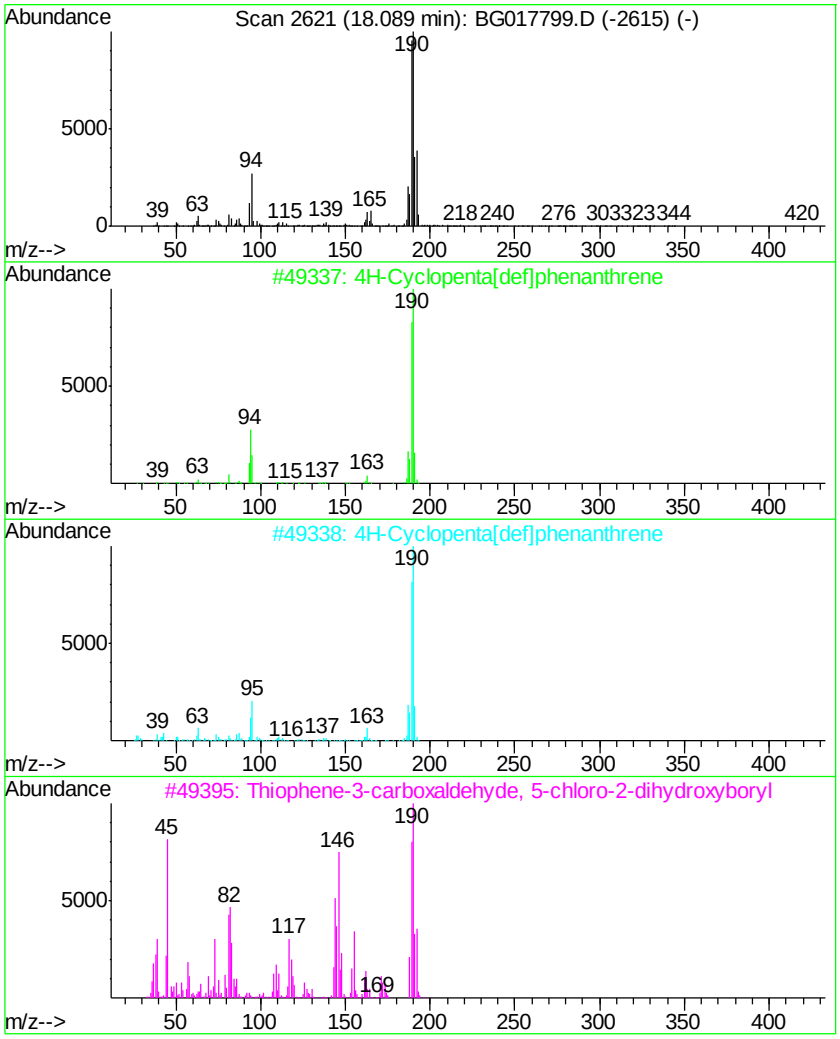
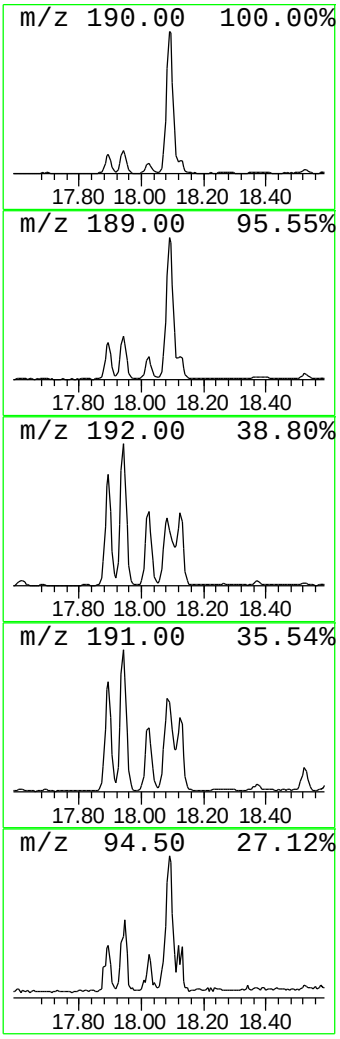
Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	60.05 ng/ul	3130800	Phenanthrene-d10	17.02

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	70
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Library Search Compound Report

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Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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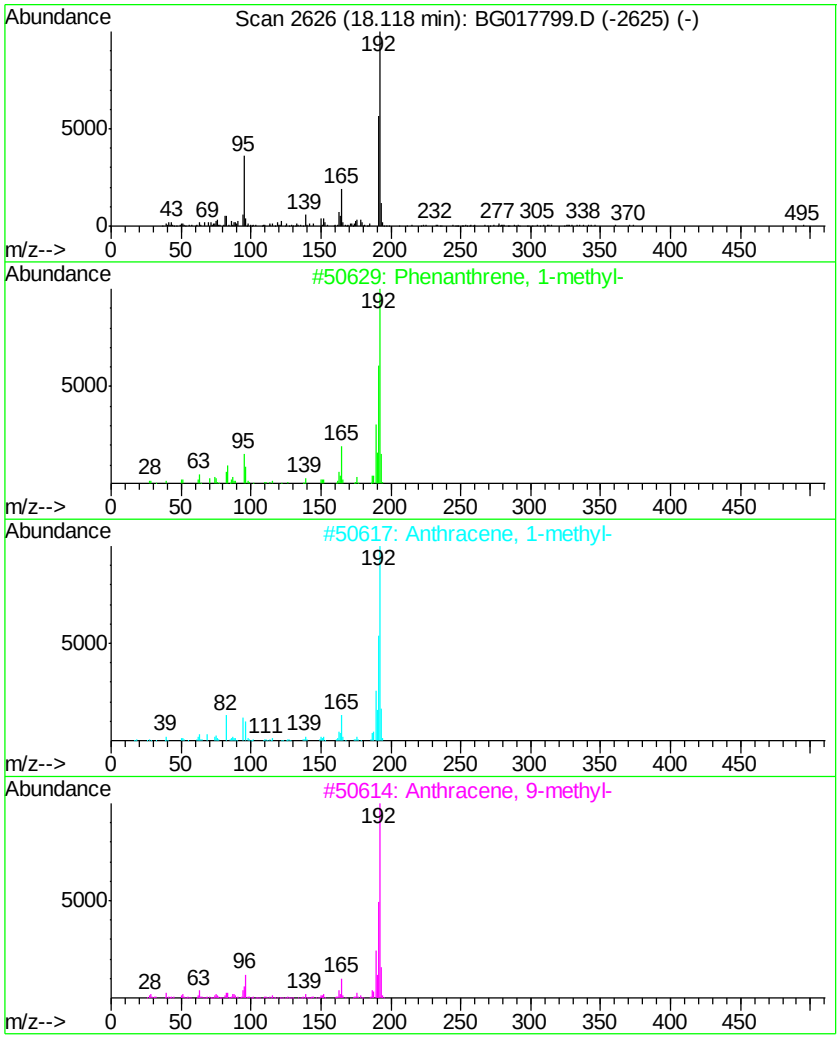
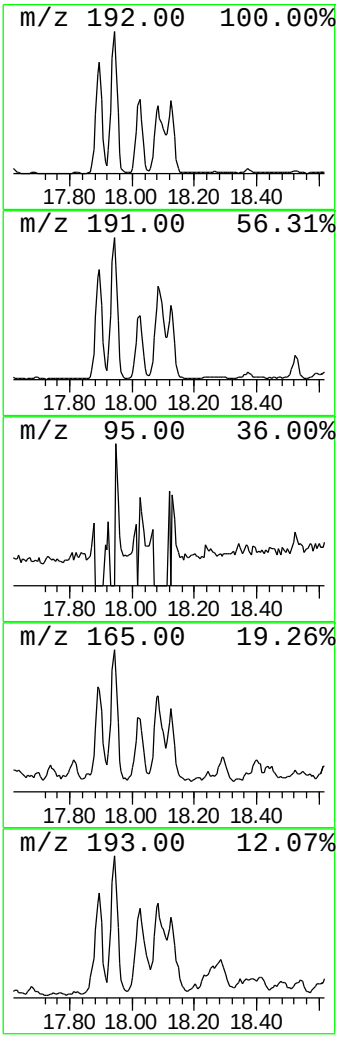
Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	16.32 ng/ul	850688	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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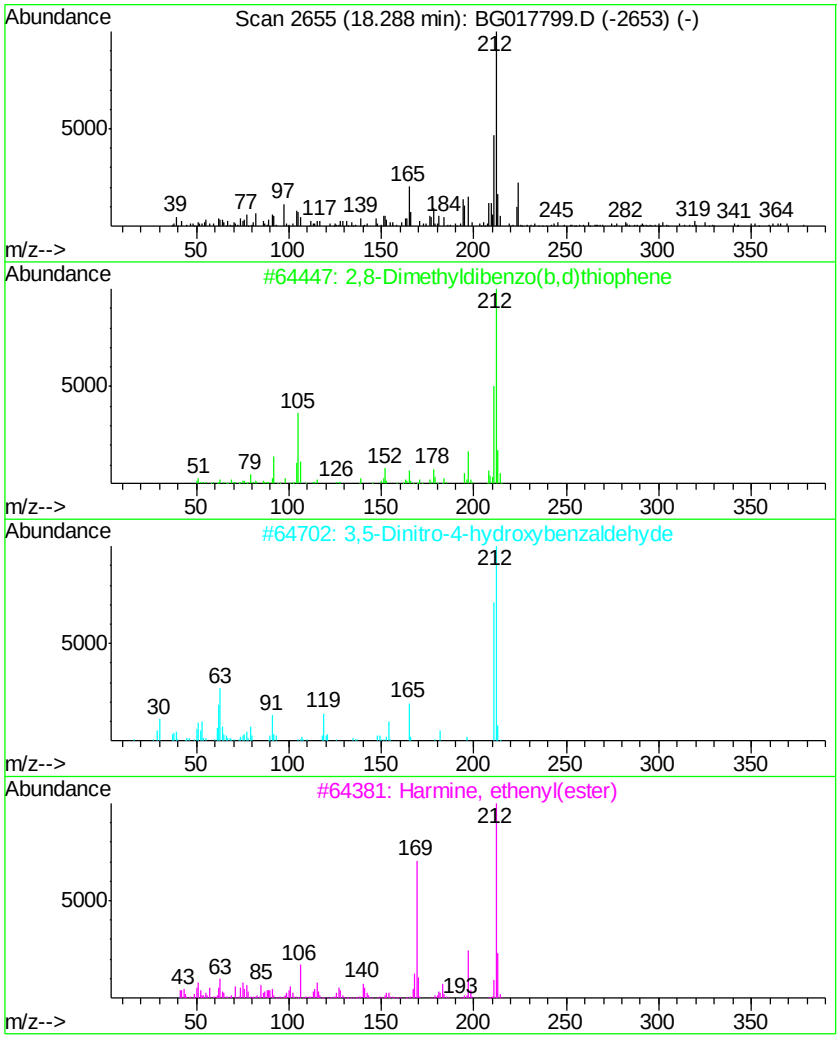
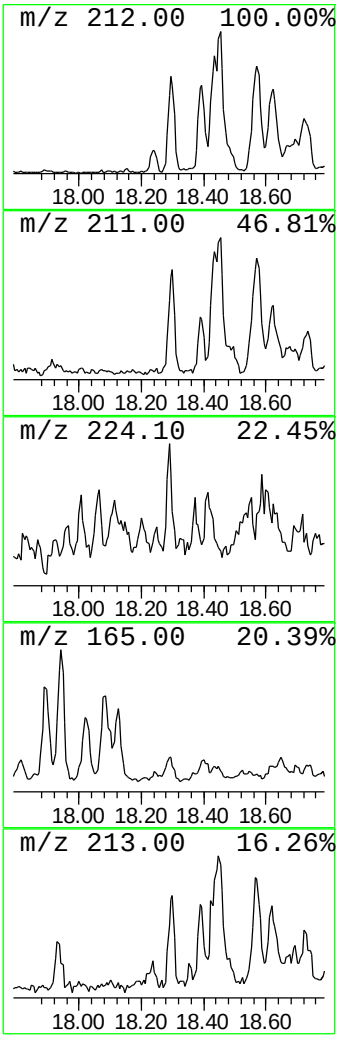
Peak Number 26 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	4.47 ng/ul	233075	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	64
2	3,5-Dinitro-4-hydroxybenzaldehyde	212	C7H4N2O6	052132-61-3	53
3	Harmine, ethenyl(ester)	212	C14H12O2	074797-84-5	47
4	2,3,6-Trimethoxybenzoic acid	212	C10H12O5	060241-74-9	47
5	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	42





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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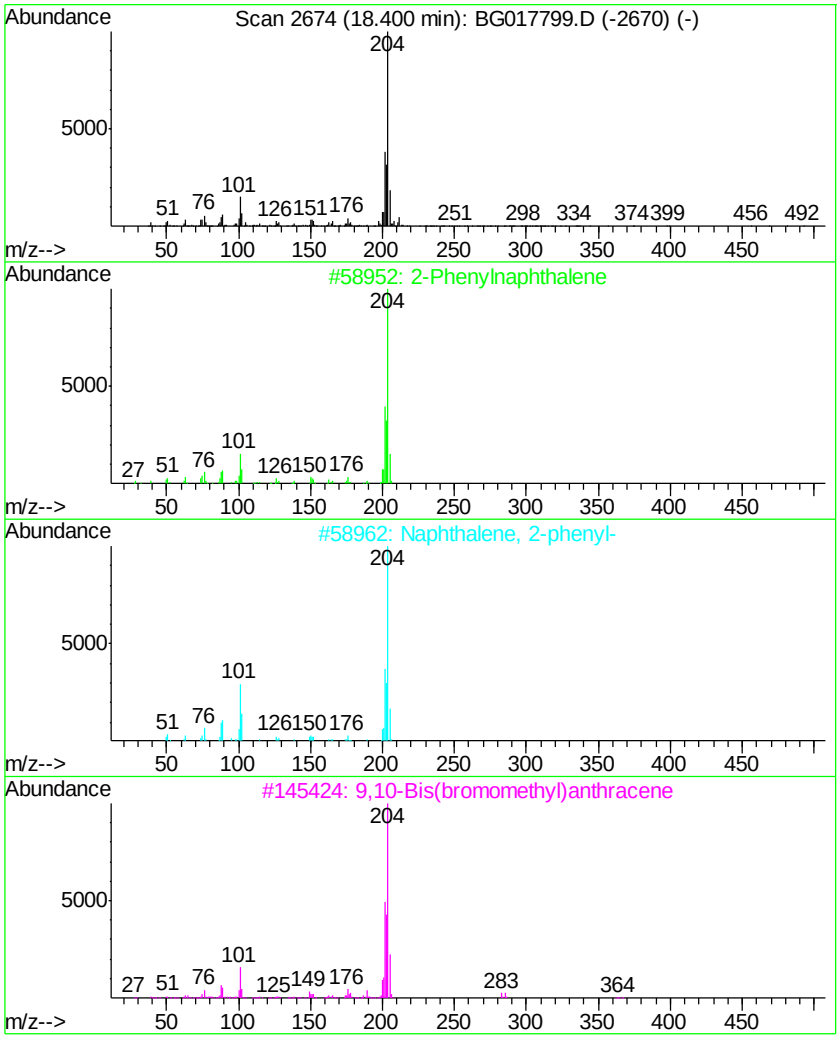
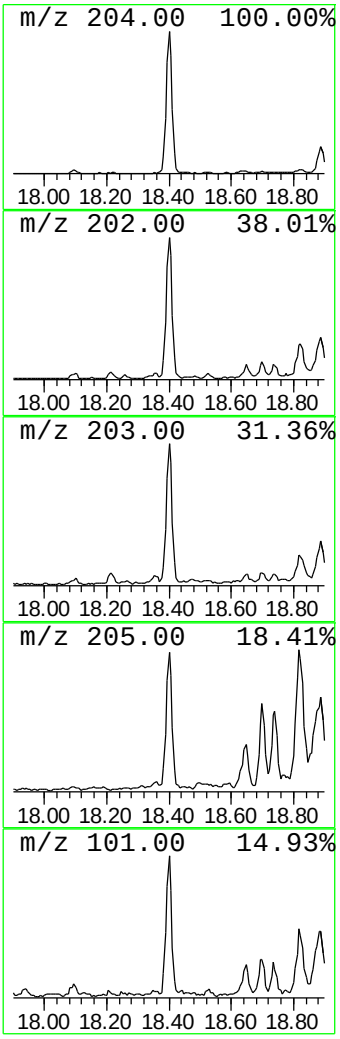
Peak Number 27 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	22.07 ng/ul	1150590	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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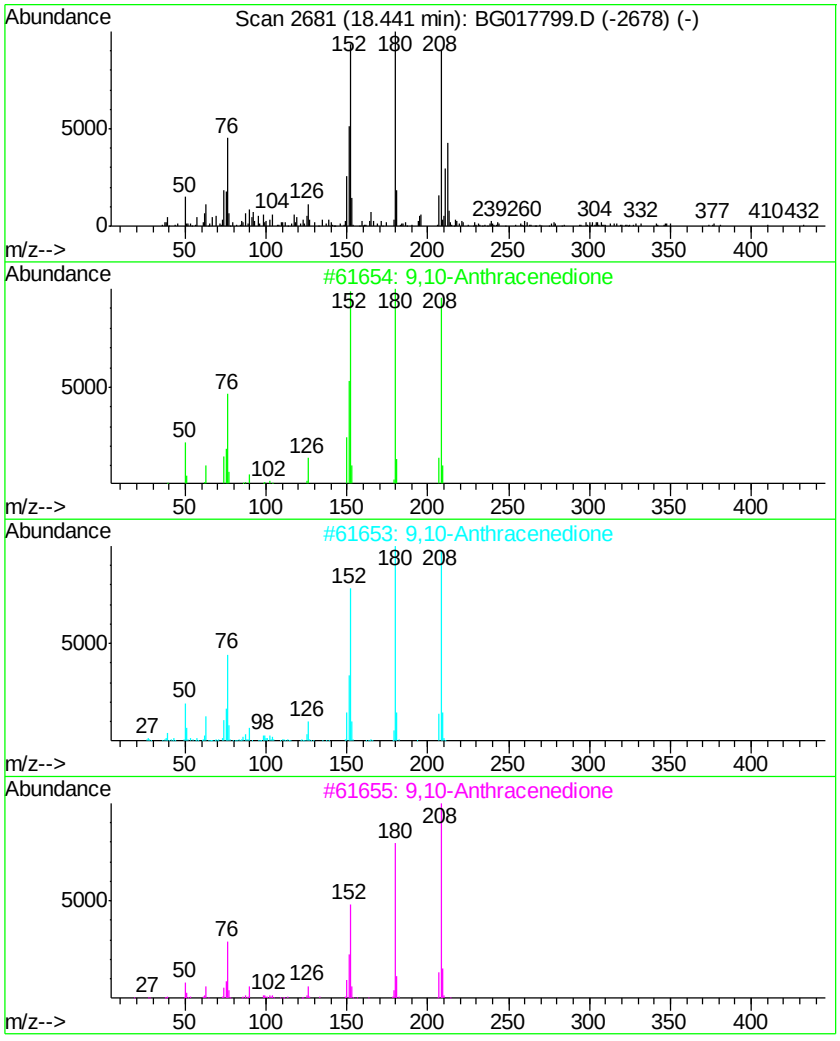
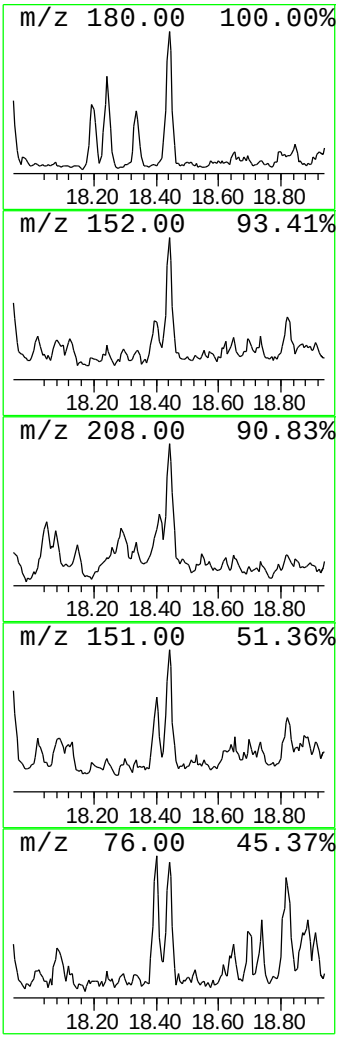
Peak Number 28 9,10-Anthracenedione Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.76 ng/ul	404478	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

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Quant Title : SVOA CALIBRATION

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

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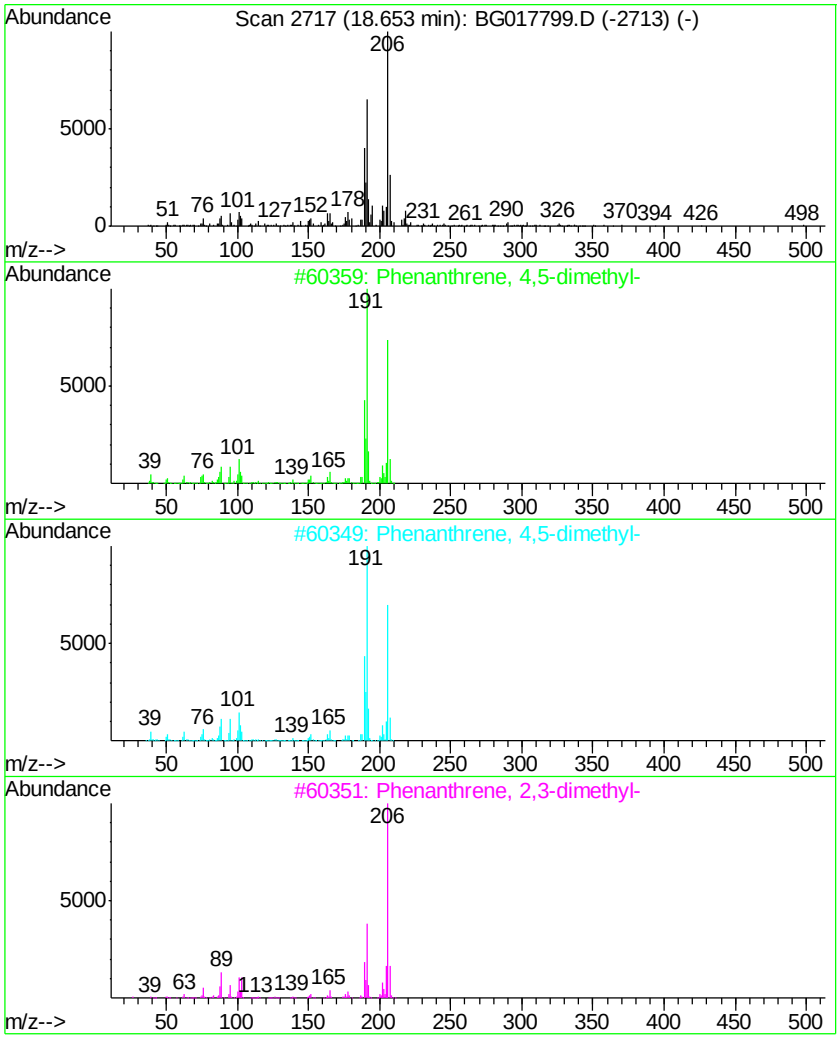
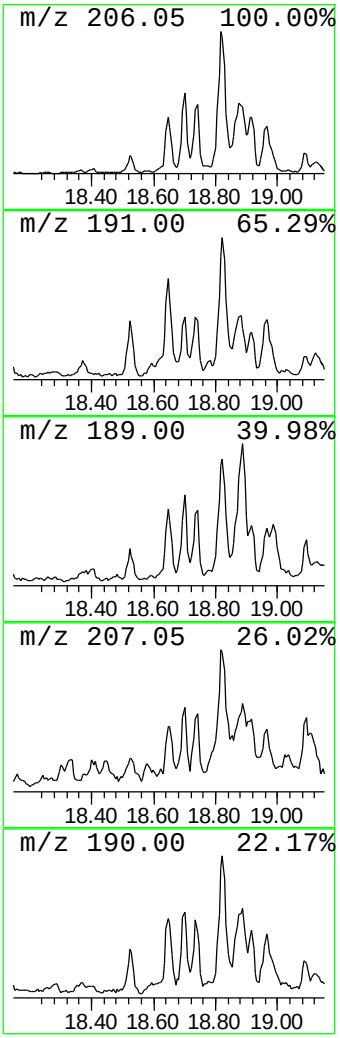
Peak Number 29 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	8.60 ng/ul	448248	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83





Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

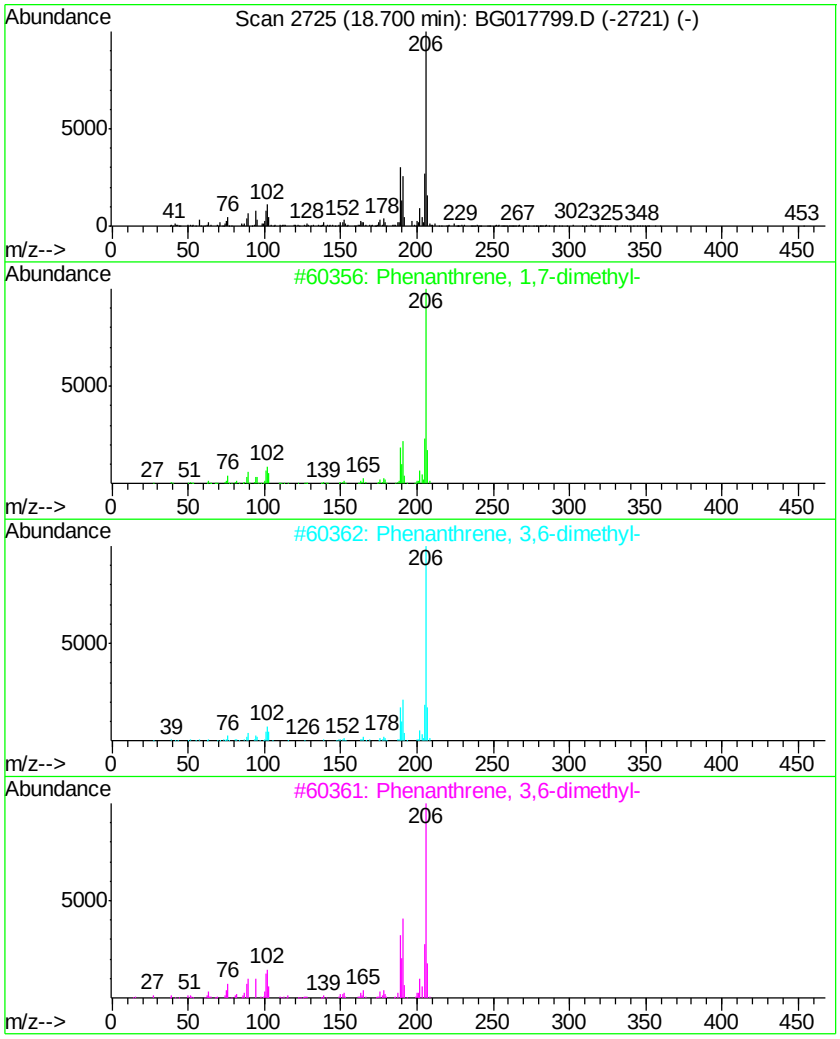
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

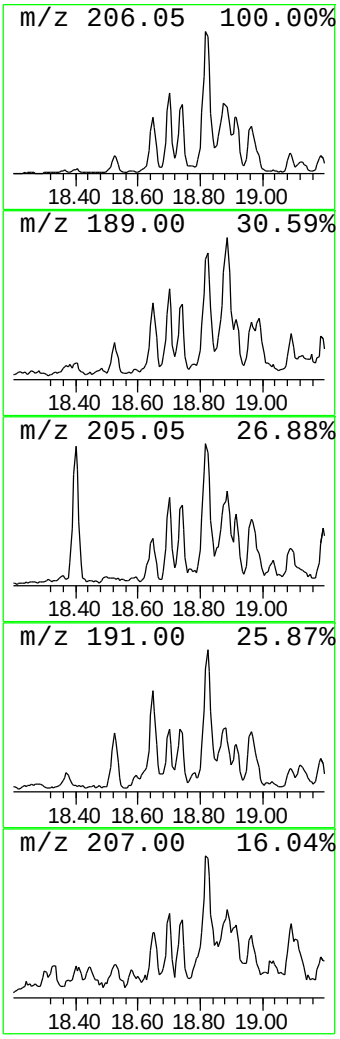
****

Peak Number 30 Phenanthrene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	10.33 ng/ul	538437	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017799.D
Acq On : 7 Jul 2015 18:50
Operator : TP/UM
Sample : G2860-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	124.2	ng/ul	2632110	1	7.61	423906	20.0
Naphthalene, 2,6-...	13.42	3.3	ng/ul	186533	3	14.26	1140960	20.0
Naphthalene, 2,3-...	13.58	3.6	ng/ul	205107	3	14.26	1140960	20.0
Naphthalene, 1,4,...	14.89	3.0	ng/ul	170825	3	14.26	1140960	20.0
1,1'-Biphenyl, 2-...	15.48	4.3	ng/ul	242294	3	14.26	1140960	20.0
Dibenzofuran, 4-m...	15.61	8.5	ng/ul	485141	3	14.26	1140960	20.0
[1,1'-Biphenyl]-4...	15.76	11.5	ng/ul	597237	4	17.02	1042690	20.0
1,4,5,8-Tetrameth...	16.00	3.9	ng/ul	203853	4	17.02	1042690	20.0
9H-Fluorene, 2-me...	16.32	12.4	ng/ul	649207	4	17.02	1042690	20.0
9H-Fluorene, 9-me...	16.37	6.3	ng/ul	326629	4	17.02	1042690	20.0
Tri(2-chloroethyl...	16.53	4.8	ng/ul	249710	4	17.02	1042690	20.0
Phenol, 4-(2-phen...	16.59	7.0	ng/ul	365875	4	17.02	1042690	20.0
9H-Fluoren-9-one	16.67	5.0	ng/ul	258777	4	17.02	1042690	20.0
Anthracene, 1,2,3...	16.77	12.4	ng/ul	648914	4	17.02	1042690	20.0
Naphtho[2,3-b]thi...	16.83	16.0	ng/ul	835917	4	17.02	1042690	20.0
Acridine	17.21	7.8	ng/ul	409206	4	17.02	1042690	20.0
Anthracene, 9-eth...	17.54	4.8	ng/ul	247974	4	17.02	1042690	20.0
Dibenzothiophene,...	17.60	4.3	ng/ul	226543	4	17.02	1042690	20.0
Dibenzothiophene,...	17.74	6.3	ng/ul	327921	4	17.02	1042690	20.0
1H-Cyclopropa[l]p...	17.89	25.6	ng/ul	1335490	4	17.02	1042690	20.0
Phenanthrene, 2-m...	17.94	41.0	ng/ul	2139940	4	17.02	1042690	20.0
Anthracene, 1-met...	18.02	20.1	ng/ul	1047870	4	17.02	1042690	20.0
4H-Cyclopenta[def...	18.09	60.0	ng/ul	3130800	4	17.02	1042690	20.0
Phenanthrene, 1-m...	18.12	16.3	ng/ul	850688	4	17.02	1042690	20.0
2,8-Dimethyldiben...	18.29	4.5	ng/ul	233075	4	17.02	1042690	20.0
2-Phenylnaphthalene	18.40	22.1	ng/ul	1150590	4	17.02	1042690	20.0
9,10-Anthracenedione	18.44	7.8	ng/ul	404478	4	17.02	1042690	20.0
Phenanthrene, 4,5...	18.65	8.6	ng/ul	448248	4	17.02	1042690	20.0
Phenanthrene, 1,7...	18.70	10.3	ng/ul	538437	4	17.02	1042690	20.0