LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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	2.812	16	21	24	rBV	107276	168646	2.73%	0.224%
2	2.882	29	33	46	rVB	2221787	2892224	46.82%	3.845%
3	6.778	686	696	706	rBV	177869	323194	5.23%	0.430%
4	6.948	719	725	732	rVB	130222	198780	3.22%	0.264%
5	7.136	750	757	764	rBV	174414	280448	4.54%	0.373%
6	7.600	828	836	844	rBV	281582	457735	7.41%	0.608%
7	8.305	949	956	964	rVB2	173602	281255	4.55%	0.374%
8	8.423	969	976	983	rBV	126347	205137	3.32%	0.273%
9	8.752	1026	1032	1039	rBV	160578	268425	4.34%	0.357%
10	9.469	1148	1154	1164	rVB	142368	242500	3.93%	0.322%
11	10.003	1239	1245	1253	rVV	204211	348867	5.65%	0.464%
12	10.385	1300	1310	1315	rBV	423262	722932	11.70%	0.961%
13	10.432	1315	1318	1326	rVB	140528	217663	3.52%	0.289%
14	10.526	1326	1334	1344	rBV	123311	225598	3.65%	0.300%
15	13.676	1865	1870	1874	rVV	340336	476009	7.70%	0.633%
16	13.717	1874	1877	1882	rVB	111079	151147	2.45%	0.201%
17	13.946	1909	1916	1920	rBV	361191	582118	9.42%	0.774%
18	14.257	1960	1969	1975	rBV2	614226	958593	15.52%	1.274%
19	14.322	1975	1980	1988	rVV	211548	312753	5.06%	0.416%
20	14.463	1999	2004	2013	rBV	142279	239770	3.88%	0.319%
21	14.657	2032	2037	2045	rVV	160522	265313	4.29%	0.353%
22	15.256	2124	2139	2144	rBV	481516	712523	11.53%	0.947%
23	15.309	2144	2148	2155	rVV	244932	371465	6.01%	0.494%
24	15.379	2155	2160	2167	rVV4	70672	142059	2.30%	0.189%
25	15.609	2194	2199	2206	rVB	78105	119554	1.94%	0.159%
26	15.755	2219	2224	2232	rVB2	73364	147342	2.38%	0.196%
27	15.996	2259	2265	2274	rVB4	66005	128870	2.09%	0.171%
28	16.319	2309	2320	2325	rBV5	64377	177196	2.87%	0.236%
29	16.666	2374	2379	2387	rVB	172924	270249	4.37%	0.359%
30	16.831	2403	2407	2416	rVB	133889	229947	3.72%	0.306%
31	17.013	2432	2438	2441	rBV	735229	1068906	17.30%	1.421%
32	17.054	2441	2445	2450	rVV	3076193	4321863	69.96%	5.745%
33	17.113	2450	2455	2457	rVV	540712	770879	12.48%	1.025%
34	17.142	2457	2460	2466	rVV	557682	770223	12.47%	1.024%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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	17.418	2503	2507	2511	rVV	197961	263068	4.26%	0.350%
36	17.536	2522	2527	2532	rVB2	109153	146436	2.37%	0.195%
37	17.888	2581	2587	2591	rBV	434971	586989	9.50%	0.780%
38	17.935	2591	2595	2603	rVB	567772	791934	12.82%	1.053%
39	18.017	2603	2609	2614	rBV	166488	256614	4.15%	0.341%
40	18.082	2614	2620	2624	rBV2	601503	1098253	17.78%	1.460%
41	18.117	2624	2626	2633	rVB	304492	396388	6.42%	0.527%
42	18.394	2669	2673	2677	rVV	326691	463336	7.50%	0.616%
43	18.435	2677	2680	2685	rVB	339496	442891	7.17%	0.589%
44	18.646	2712	2716	2720	rVV2	112302	165717	2.68%	0.220%
45	18.734	2727	2731	2735	rVB3	100828	147768	2.39%	0.196%
46	18.817	2740	2745	2750	rBV2	289879	461201	7.47%	0.613%
47	18.881	2750	2756	2759	rVV4	143455	279601	4.53%	0.372%
48	18.958	2764	2769	2777	rBV2	268975	475745	7.70%	0.632%
49	19.087	2784	2791	2796	rVB	4428440	6177983	100.00%	8.212%
50	19.181	2805	2807	2812	rVV4	97350	122728	1.99%	0.163%
51	19.234	2812	2816	2819	rVB	92809	124211	2.01%	0.165%
52	19.287	2819	2825	2828	rBV	98425	175924	2.85%	0.234%
53	19.328	2828	2832	2835	rVV	139036	198658	3.22%	0.264%
54	19.422	2842	2848	2849	rBV2	1142880	1554988	25.17%	2.067%
55	19.451	2849	2853	2860	rVV	4186045	6109300	98.89%	8.121%
56	19.516	2860	2864	2871	rVB2	175914	314461	5.09%	0.418%
57	19.627	2878	2883	2888	rBV	192821	260211	4.21%	0.346%
58	19.686	2888	2893	2898	rVB	173409	273236	4.42%	0.363%
59	19.774	2902	2908	2914	rBV4	301964	706354	11.43%	0.939%
60	19.909	2926	2931	2933	rBV3	256817	441127	7.14%	0.586%
61	19.945	2934	2937	2941	rVB	448185	574887	9.31%	0.764%
62	20.045	2950	2954	2958	rVV	233244	295425	4.78%	0.393%
63	20.103	2958	2964	2968	rVV2	483244	727332	11.77%	0.967%
64	20.144	2968	2971	2974	rVV	102103	122276	1.98%	0.163%
65	20.244	2983	2988	2991	rBV	301693	394442	6.38%	0.524%
66	20.285	2991	2995	3000	rVV	285859	378195	6.12%	0.503%
67	20.691	3060	3064	3071	rVB	443915	610041	9.87%	0.811%
68	20.855	3086	3092	3096	rBV2	327589	628227	10.17%	0.835%
69	20.896	3096	3099	3102	rVV	398280	478478	7.74%	0.636%
70	20.932	3102	3105	3111	rVV2	385542	666016	10.78%	0.885%
71	20.990	3111	3115	3126	rVB	444211	696979	11.28%	0.926%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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	21.096	3126	3133	3138	rBV	114118	273528	4.43%	0.364%
73	21.202	3142	3151	3156	rBV3	2873353	5157959	83.49%	6.856%
74	21.249	3156	3159	3170	rVB	2229355	3039041	49.19%	4.040%
75	21.366	3175	3179	3184	rBV	254337	366348	5.93%	0.487%
76	21.413	3184	3187	3192	rBV3	137712	213873	3.46%	0.284%
77	21.525	3201	3206	3210	rBV2	198829	350370	5.67%	0.466%
78	21.566	3210	3213	3217	rVB3	93183	124937	2.02%	0.166%
79	21.701	3233	3236	3239	rBV	117539	146477	2.37%	0.195%
80	21.754	3239	3245	3250	rVV	400244	631394	10.22%	0.839%
81	21.807	3250	3254	3261	rVB2	284762	414536	6.71%	0.551%
82	21.878	3261	3266	3269	rBV2	130277	244688	3.96%	0.325%
83	21.948	3275	3278	3281	rBV	200162	271659	4.40%	0.361%
84	21.983	3281	3284	3290	rVB4	194576	278901	4.51%	0.371%
85	22.054	3291	3296	3304	rVB2	166497	309660	5.01%	0.412%
86	22.512	3368	3374	3387	rVB4	119664	347038	5.62%	0.461%
87	22.777	3411	3419	3423	rBV	1815615	4091754	66.23%	5.439%
88	22.935	3442	3446	3452	rVB	306512	492813	7.98%	0.655%
89	23.070	3465	3469	3478	rBV4	103472	300198	4.86%	0.399%
90	23.247	3493	3499	3504	rBV	1050122	1937562	31.36%	2.576%
91	23.300	3505	3508	3510	rVV2	280961	409630	6.63%	0.545%
92	23.347	3510	3516	3523	rVB	1595410	2962111	47.95%	3.937%
93	23.441	3523	3532	3536	rBV	583615	1268472	20.53%	1.686%
94	23.488	3536	3540	3548	rVB2	412281	845605	13.69%	1.124%
95	23.987	3622	3625	3634	rVB5	84686	169297	2.74%	0.225%
96	24.304	3674	3679	3685	rBV3	92195	172547	2.79%	0.229%
97	25.697	3907	3916	3929	rVB2	720302	2105243	34.08%	2.798%
98	25.961	3955	3961	3967	rVB	101812	226739	3.67%	0.301%
99	26.049	3972	3976	3985	rVB2	73141	160470	2.60%	0.213%
100	26.384	4026	4033	4052	rVB2	253267	858438	13.90%	1.141%

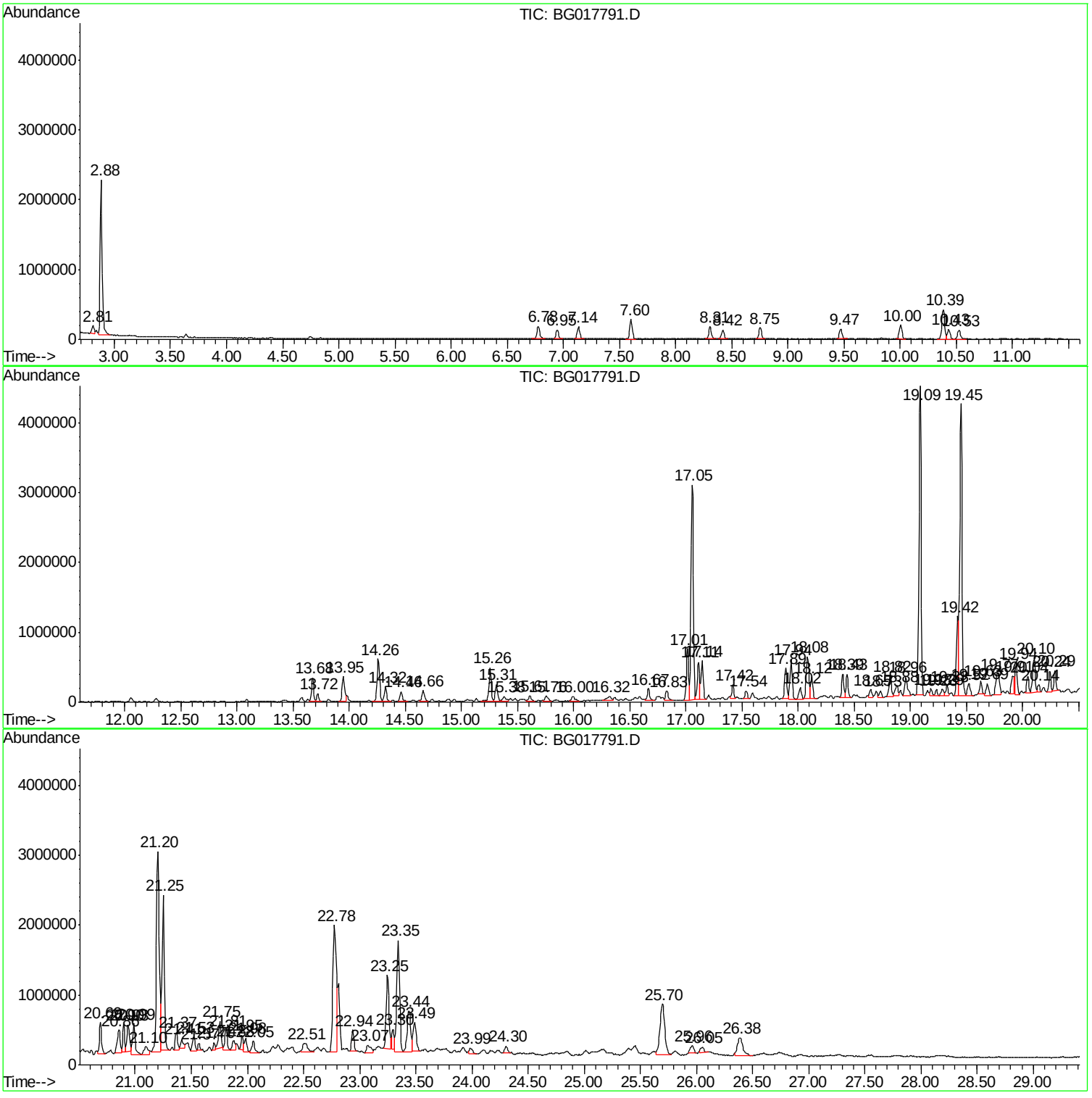
Sum of corrected areas: 75228891

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G93H9

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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

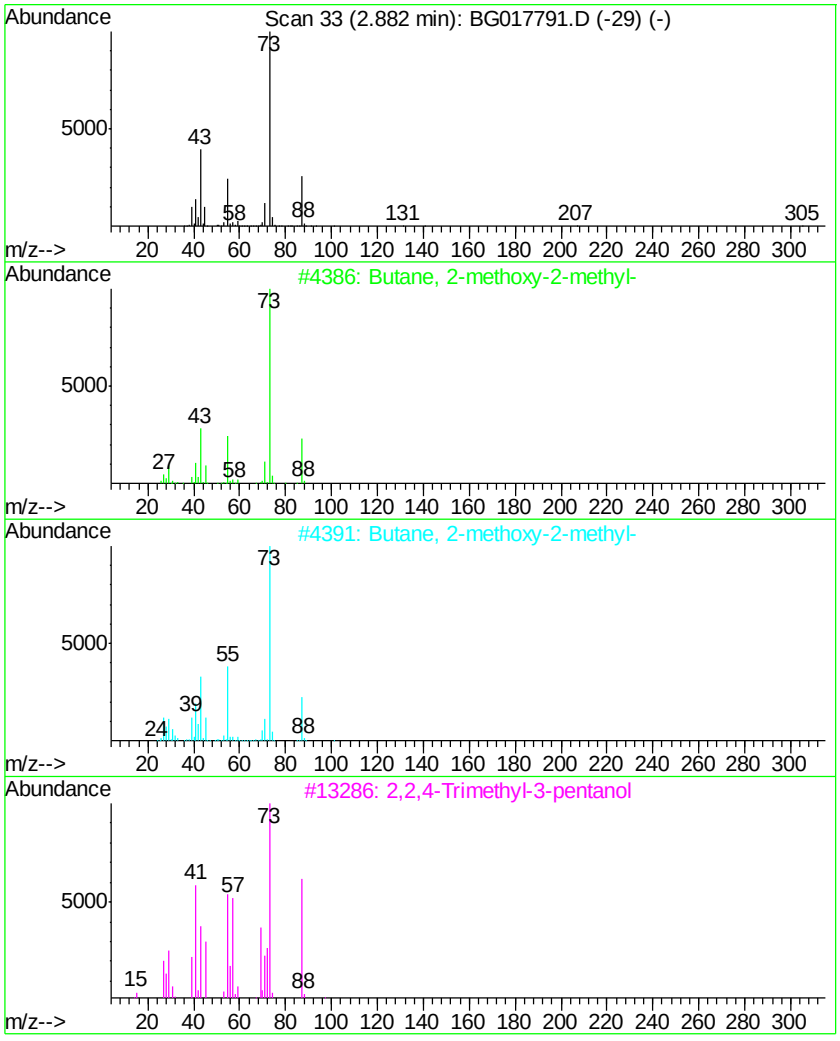
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

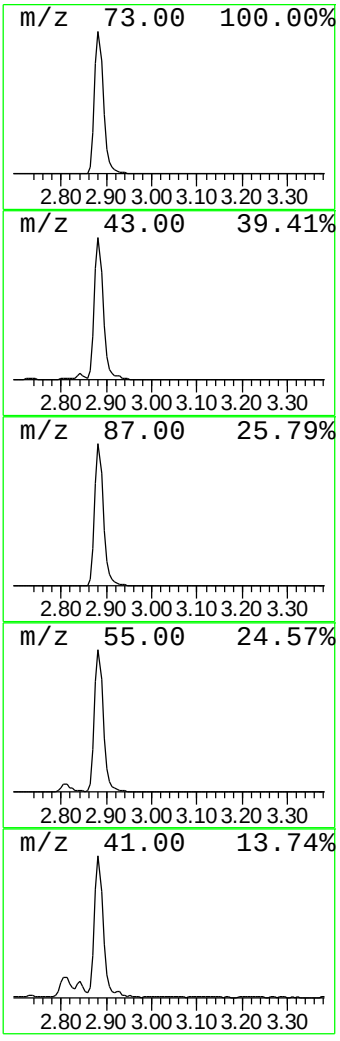
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	126.37 ng/ul	2892220	1,4-Dichlorobenzene-d4	7.60

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	50
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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

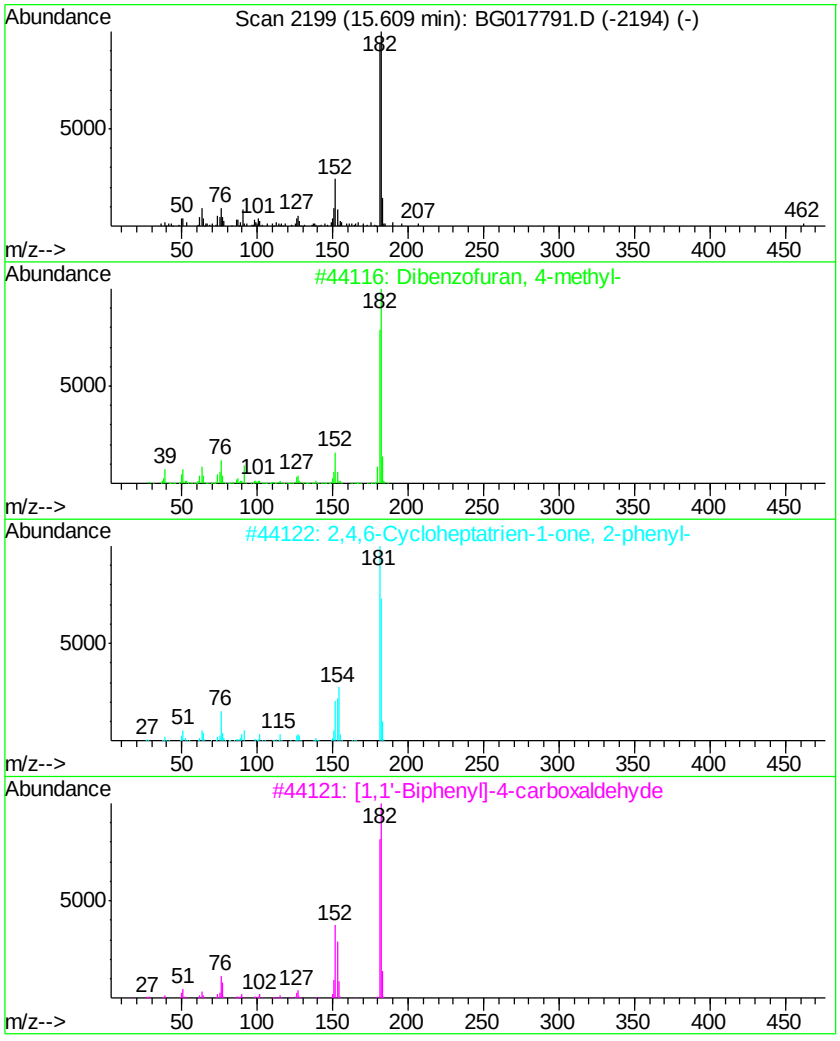
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

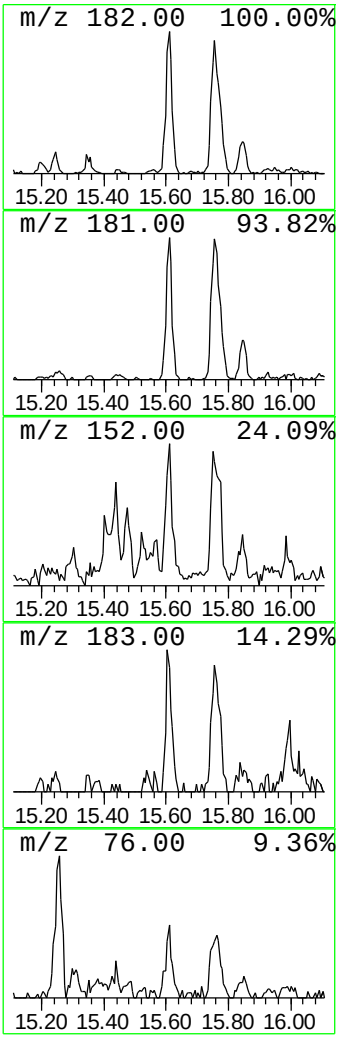
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.49 ng/ul	119554	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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

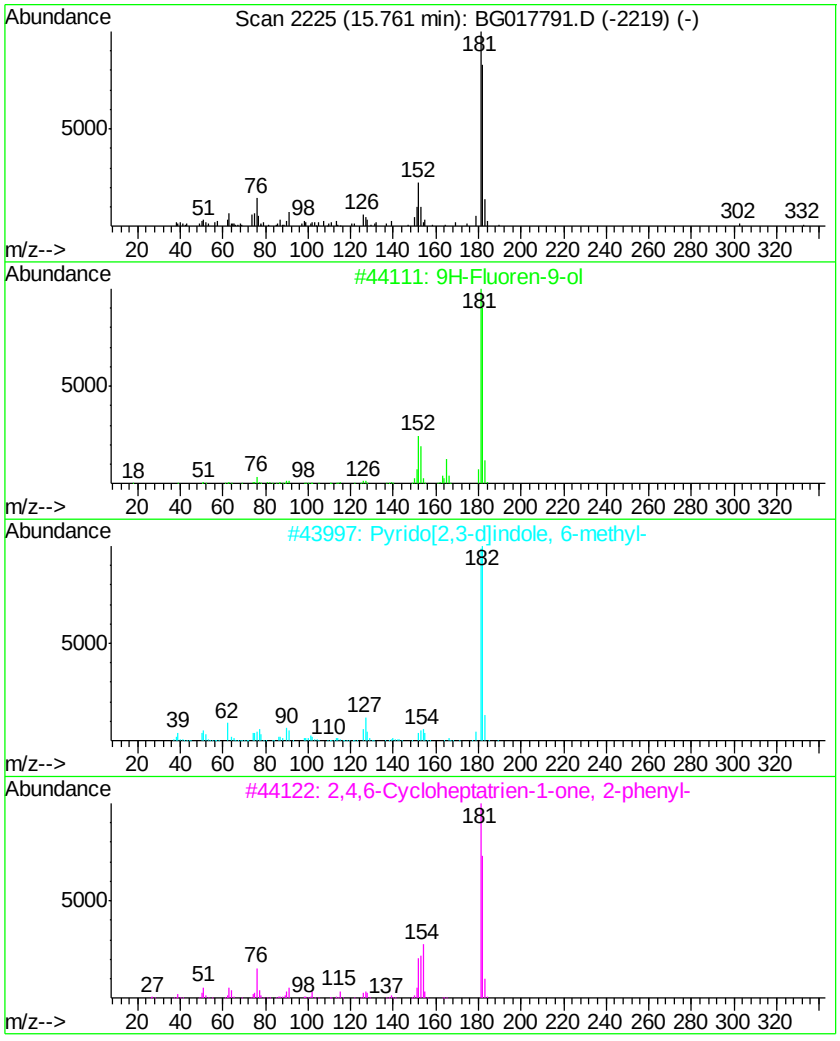
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

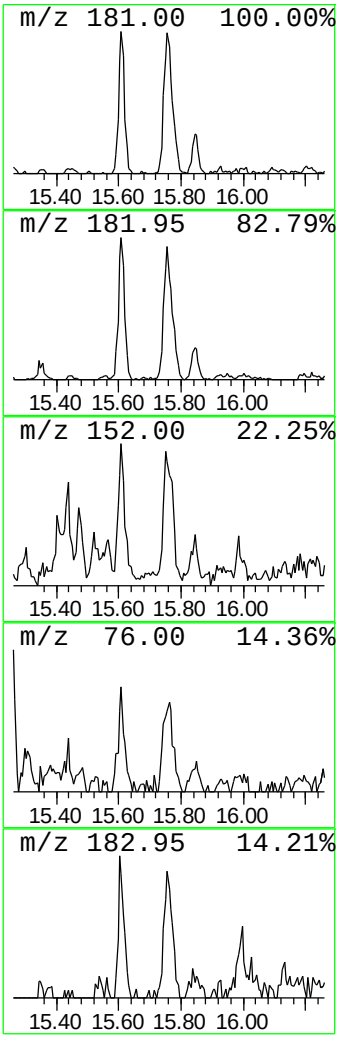
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.76 ng/ul	147342	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	83
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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

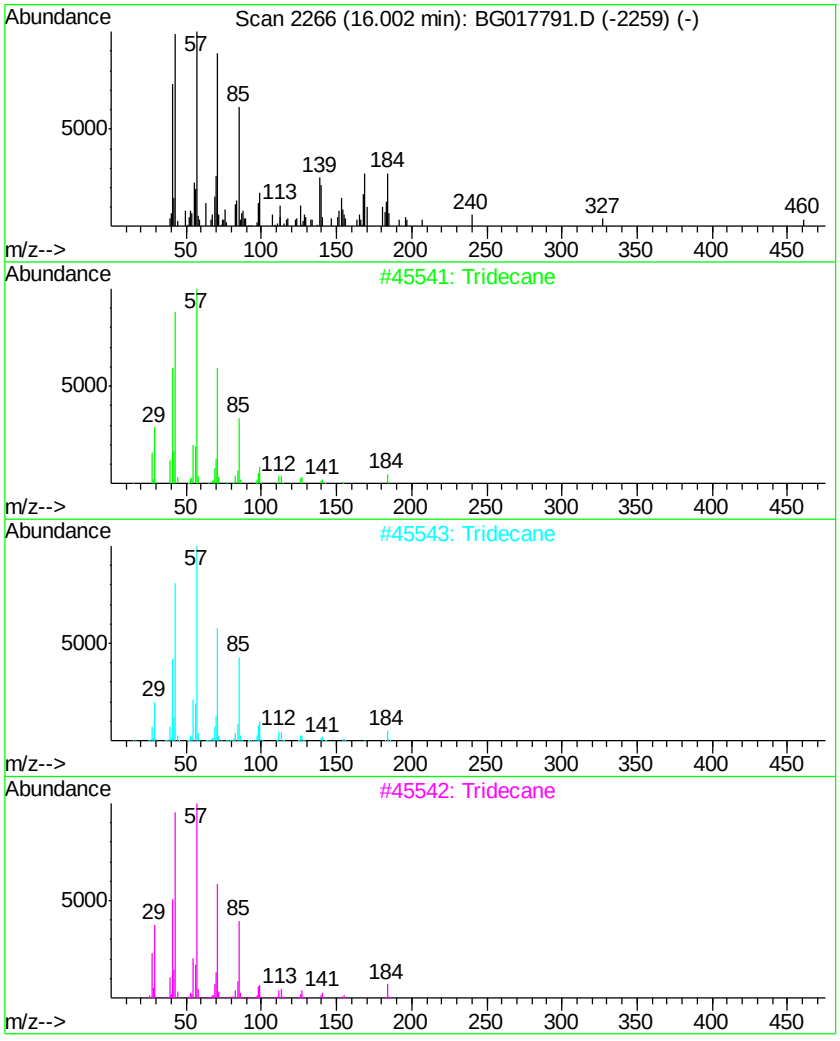
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

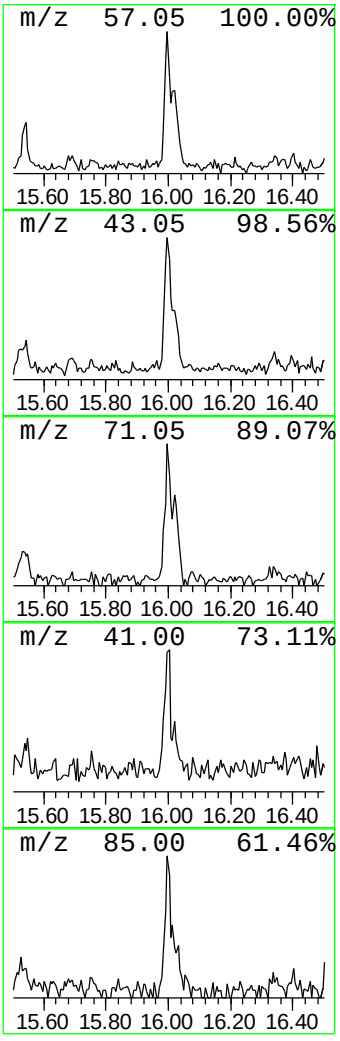
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.41 ng/ul	128870	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Tridecane	184	C13H28	000629-50-5	46
3	Tridecane	184	C13H28	000629-50-5	41
4	Dodecane	170	C12H26	000112-40-3	38
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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

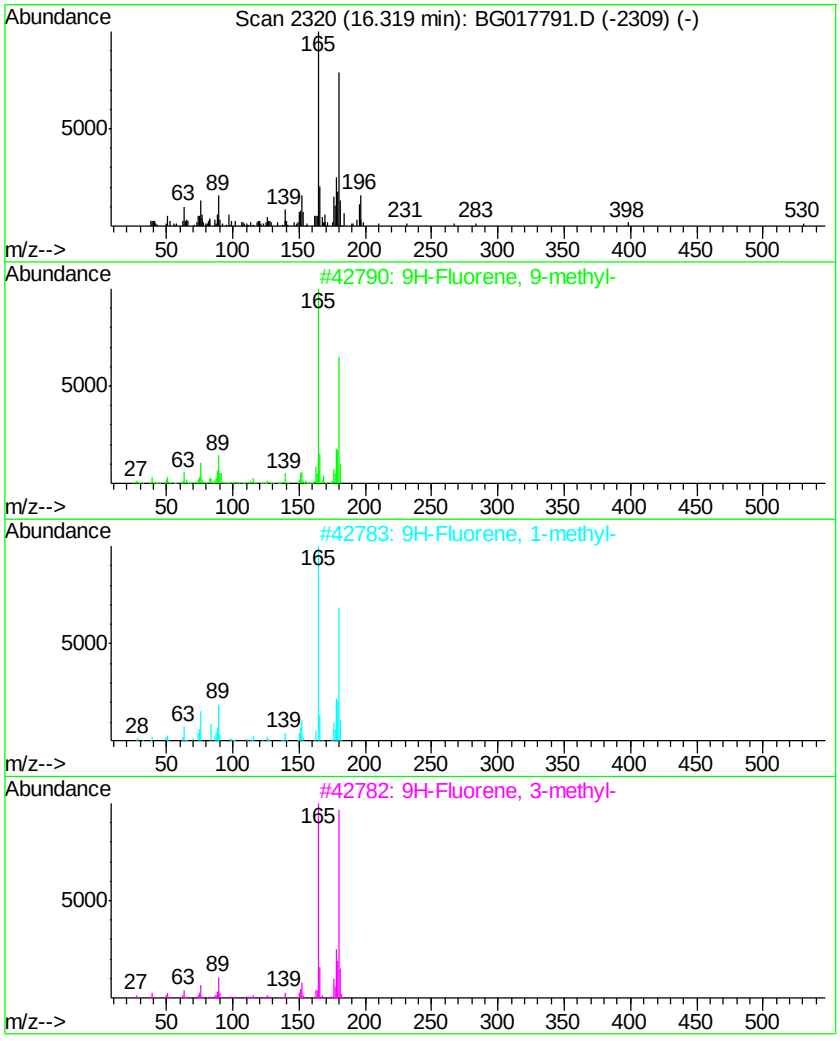
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

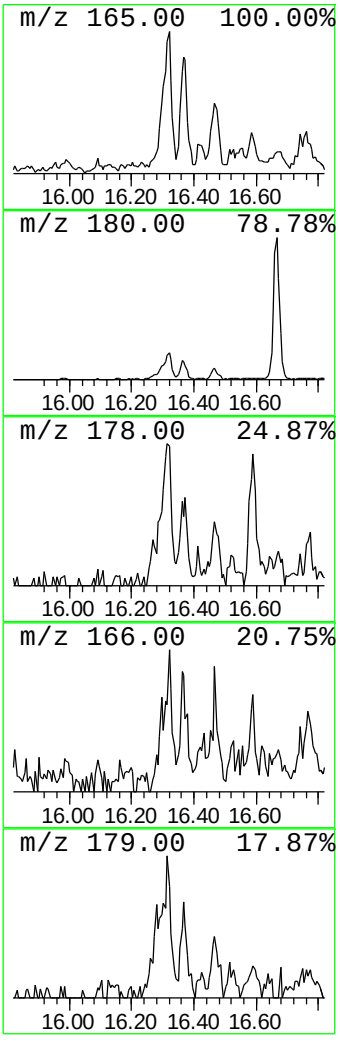
****

Peak Number 6 9H-Fluorene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.32 ng/ul	177196	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70





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Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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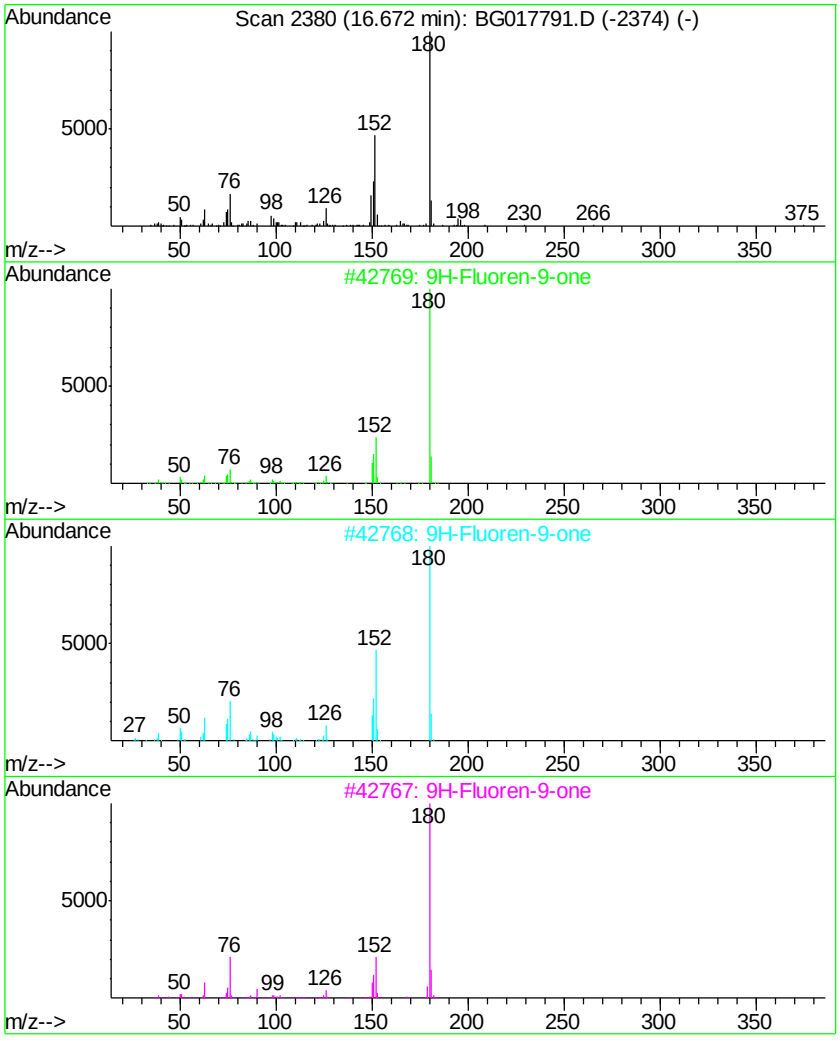
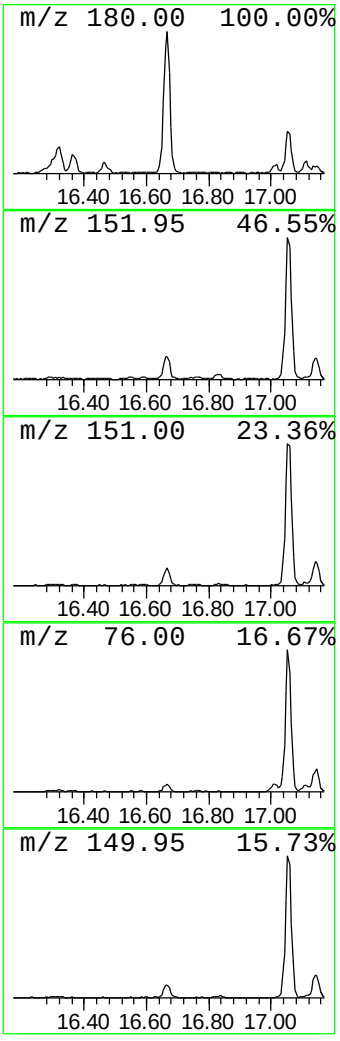
Peak Number 7 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	5.06 ng/ul	270249	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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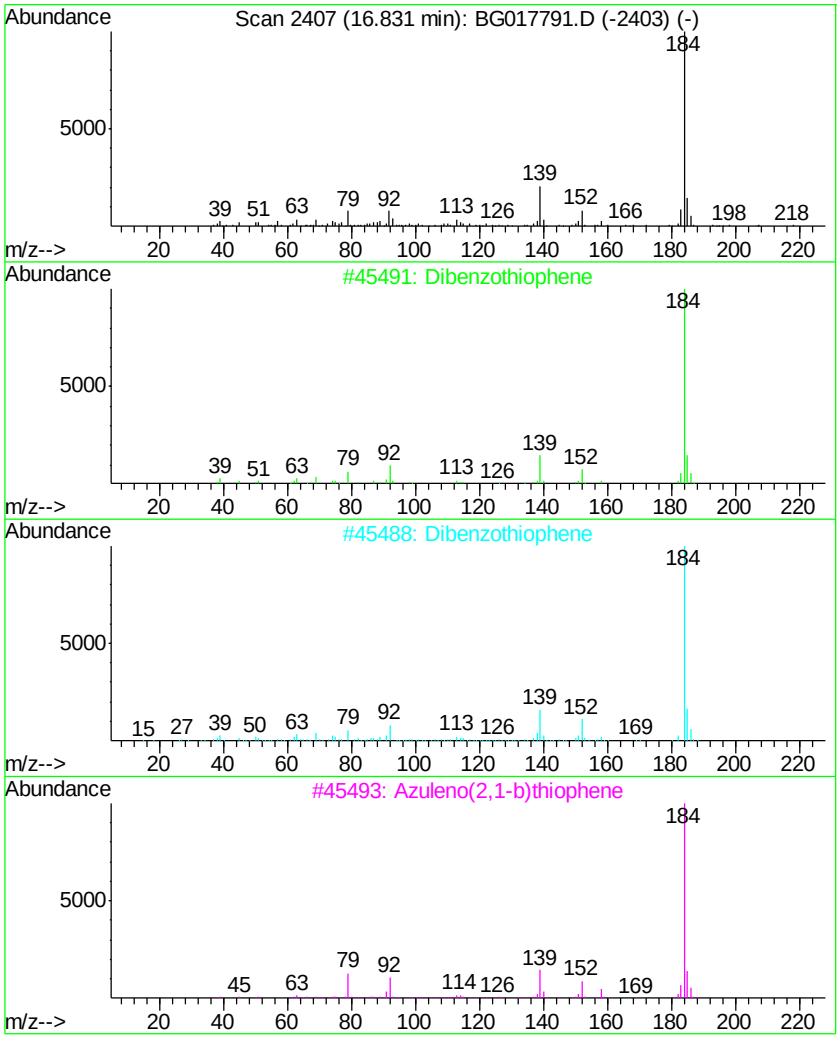
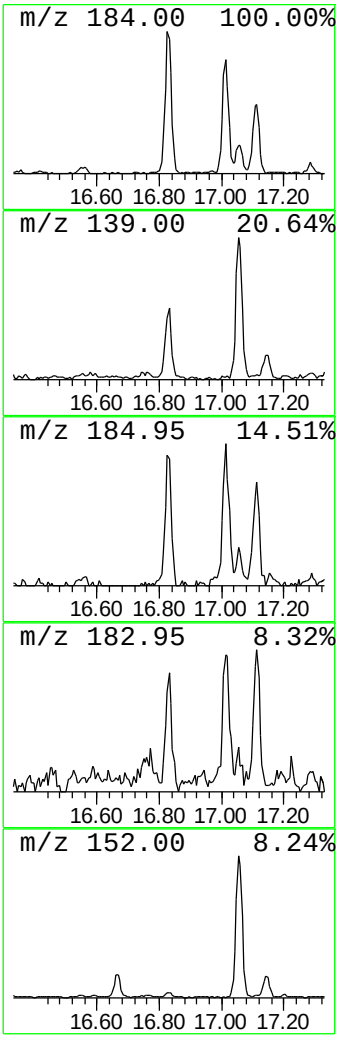
Peak Number 8 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	4.30 ng/ul	229947	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





Library Search Compound Report

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Data File : BG017791.D
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Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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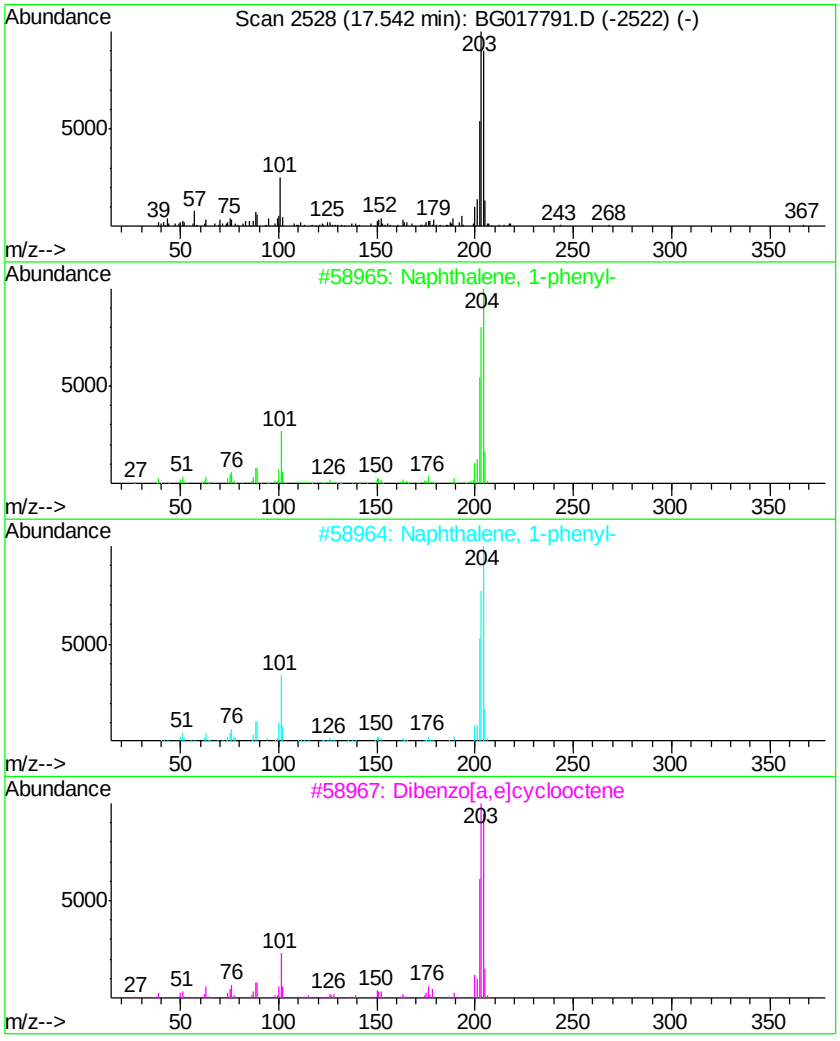
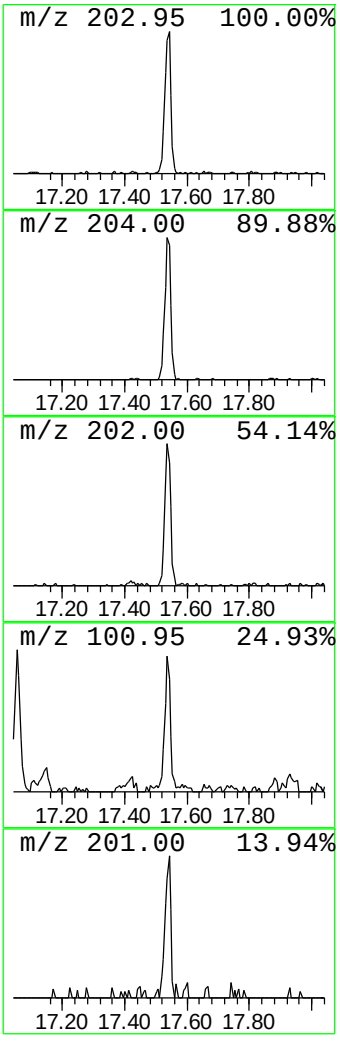
Peak Number 9 Naphthalene, 1-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.74 ng/ul	146436	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	90
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	90





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Acq On : 7 Jul 2015 11:44
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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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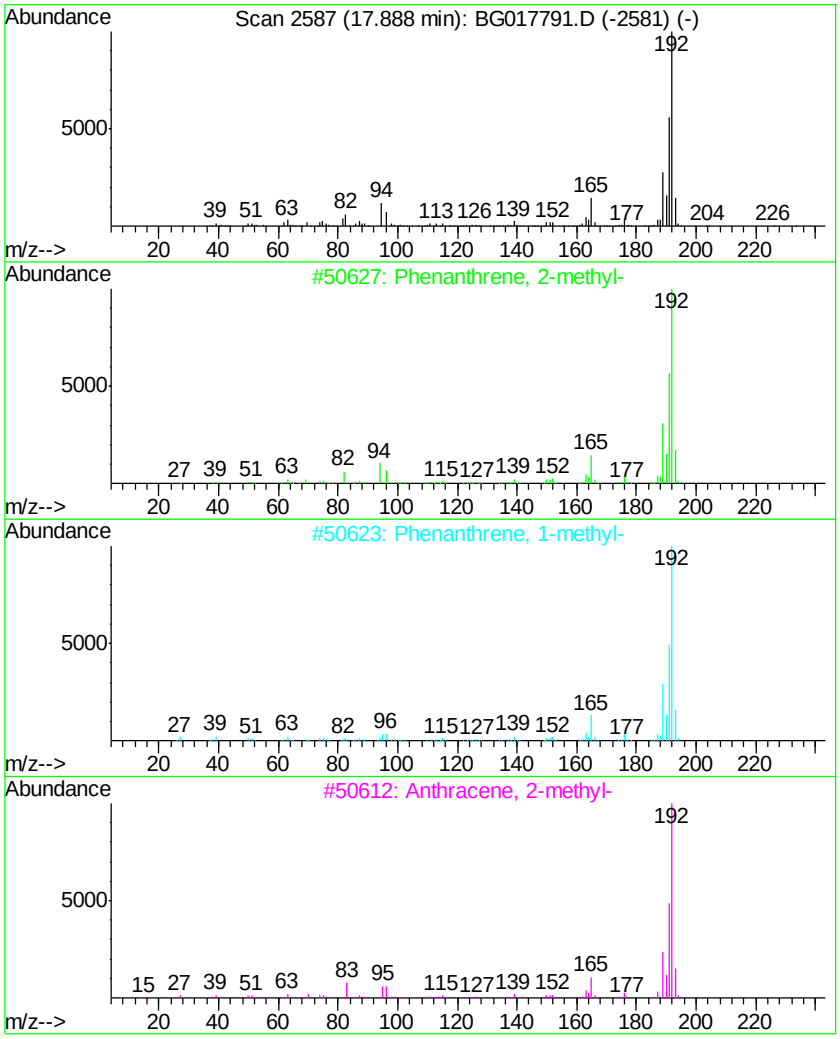
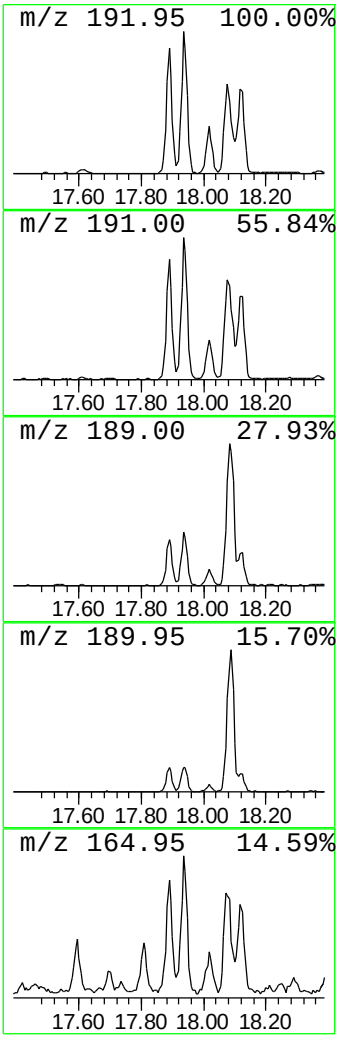
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	10.98 ng/ul	586989	Phenanthrene-d10	17.01

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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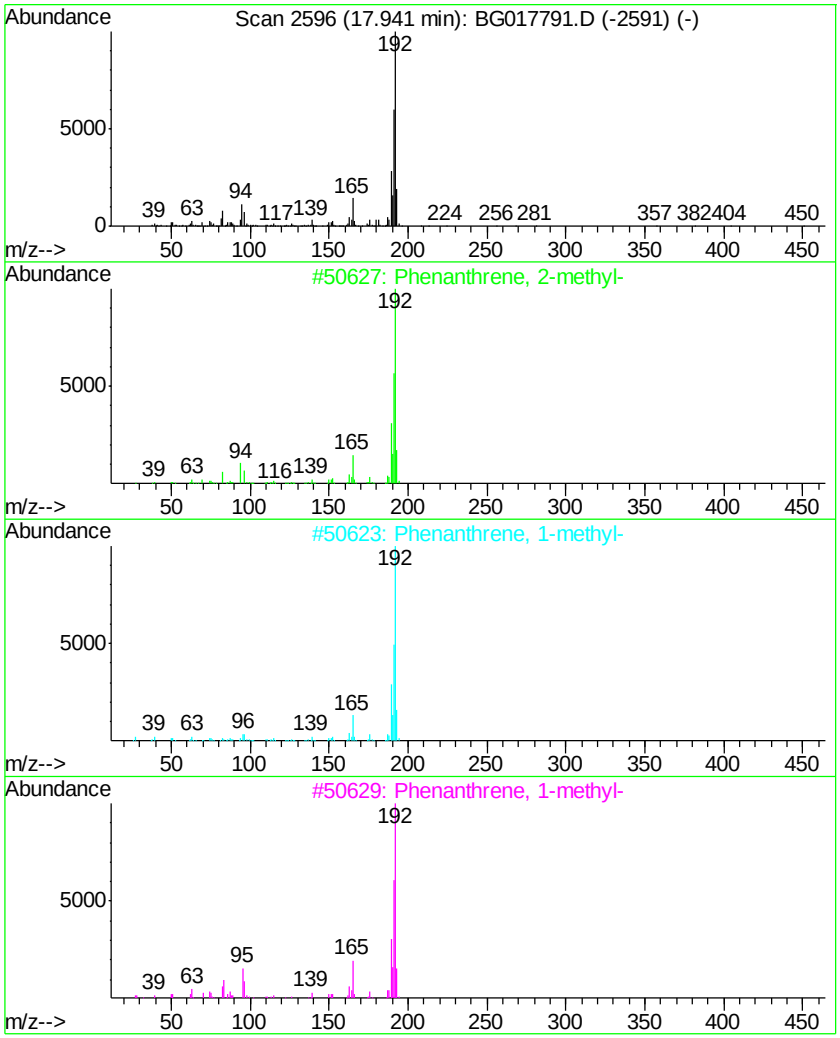
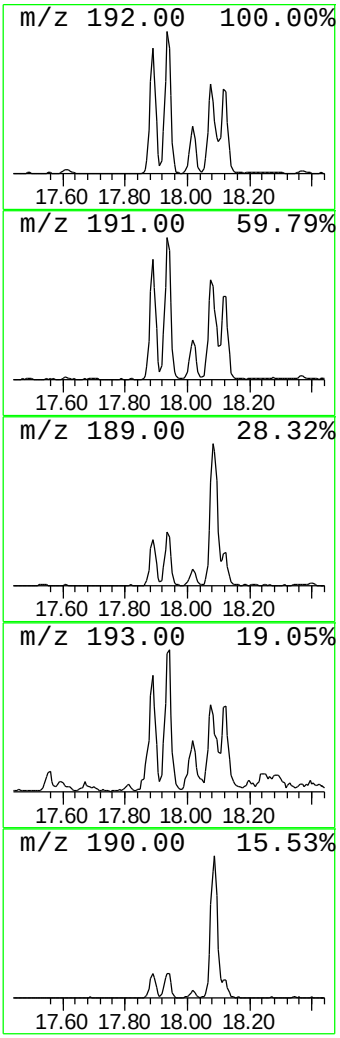
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	14.82 ng/ul	791934	Phenanthrene-d10	17.01

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Library Search Compound Report

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Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	4.80 ng/ul	256614	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
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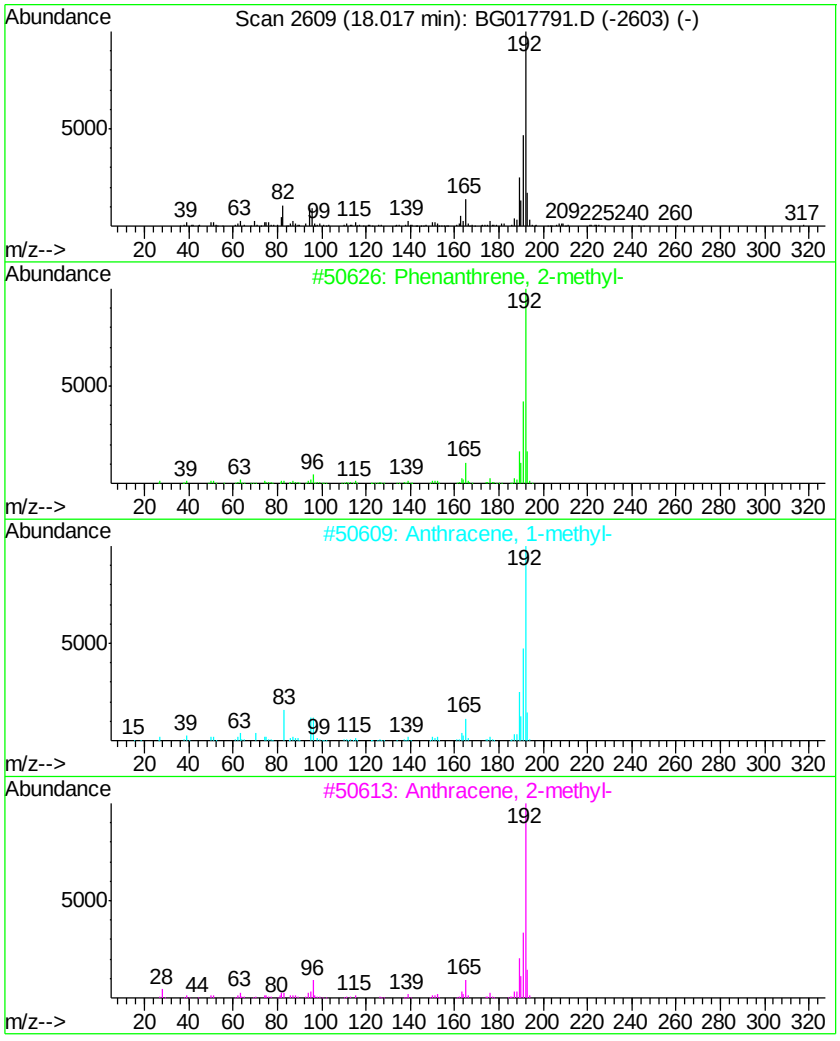

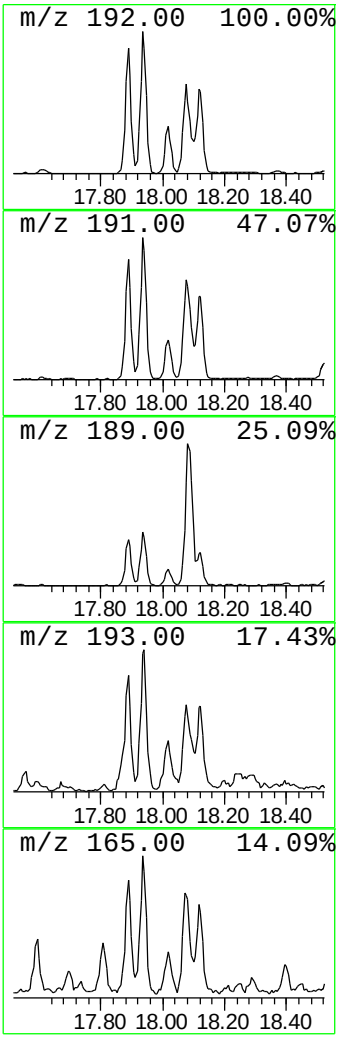

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Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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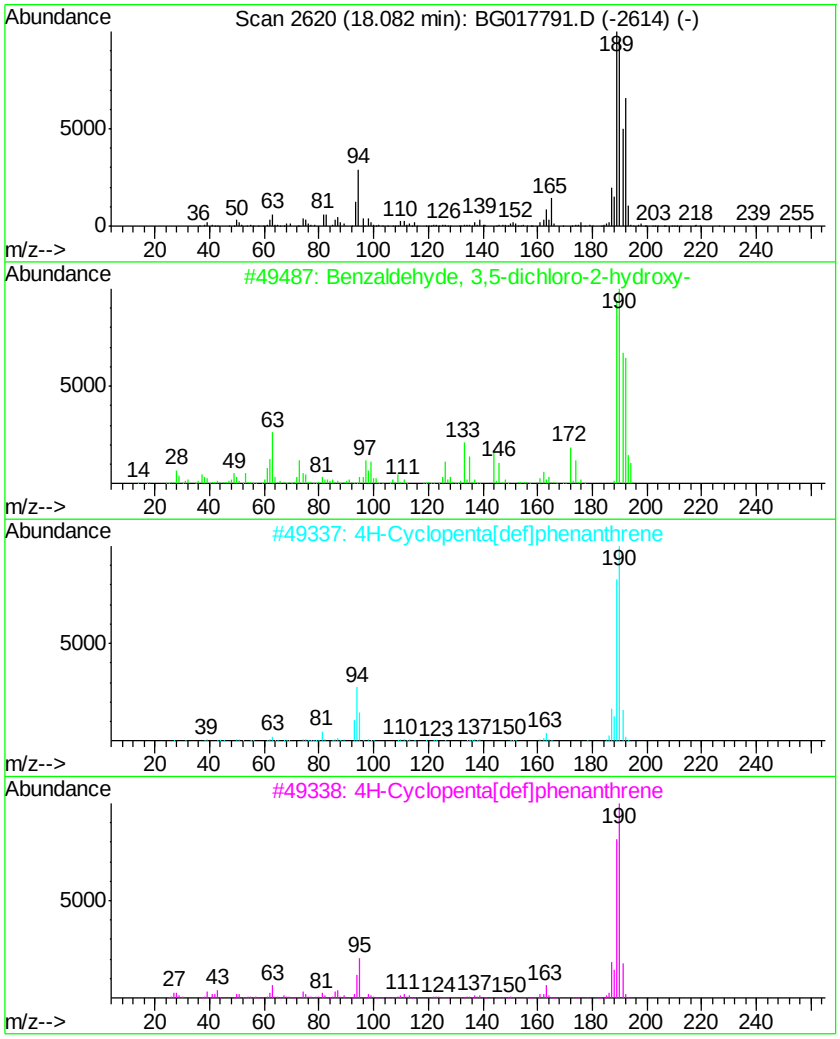
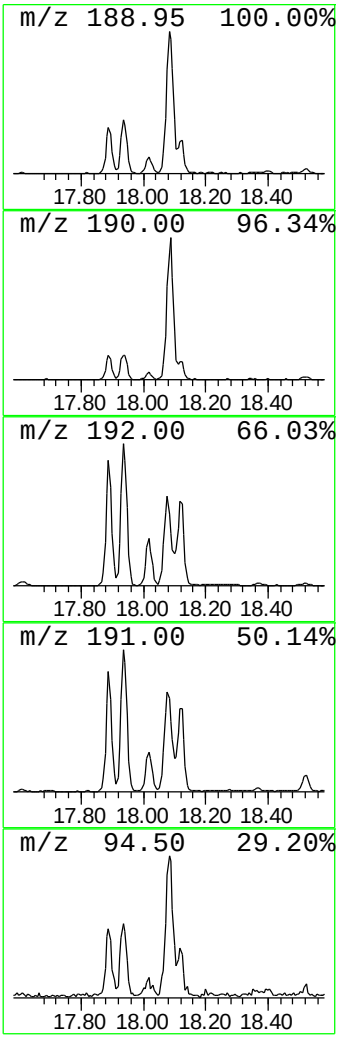
Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	20.55 ng/ul	1098250	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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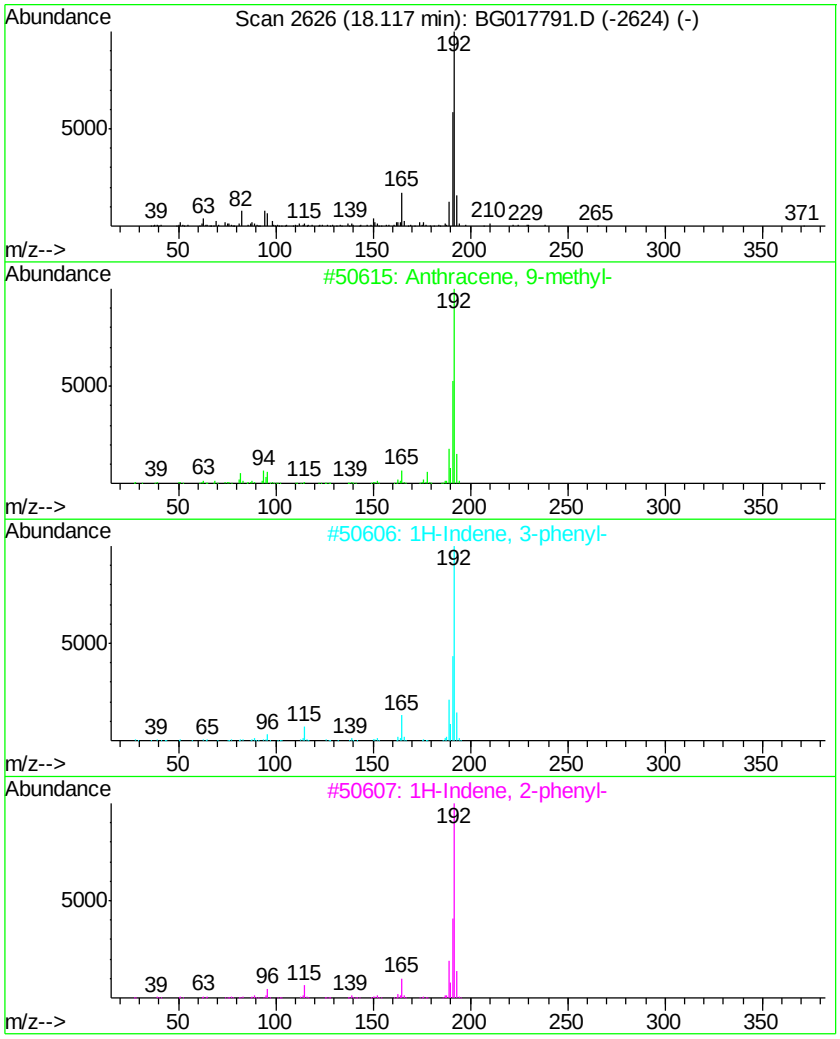
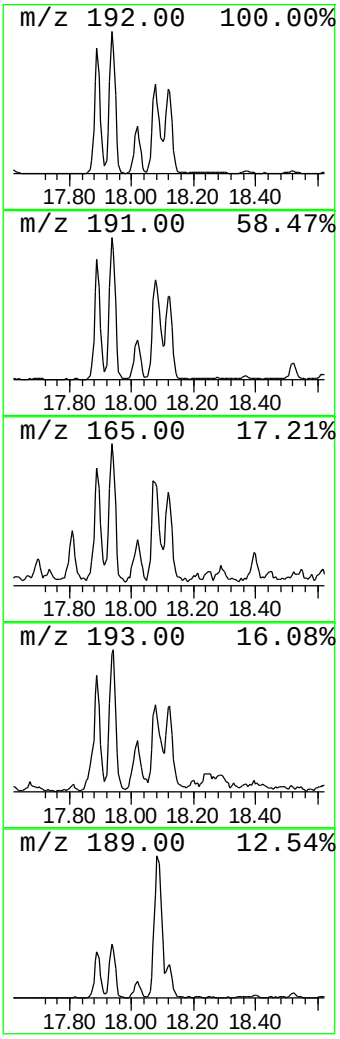
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	7.42 ng/ul	396388	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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Quant Title : SVOA CALIBRATION

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

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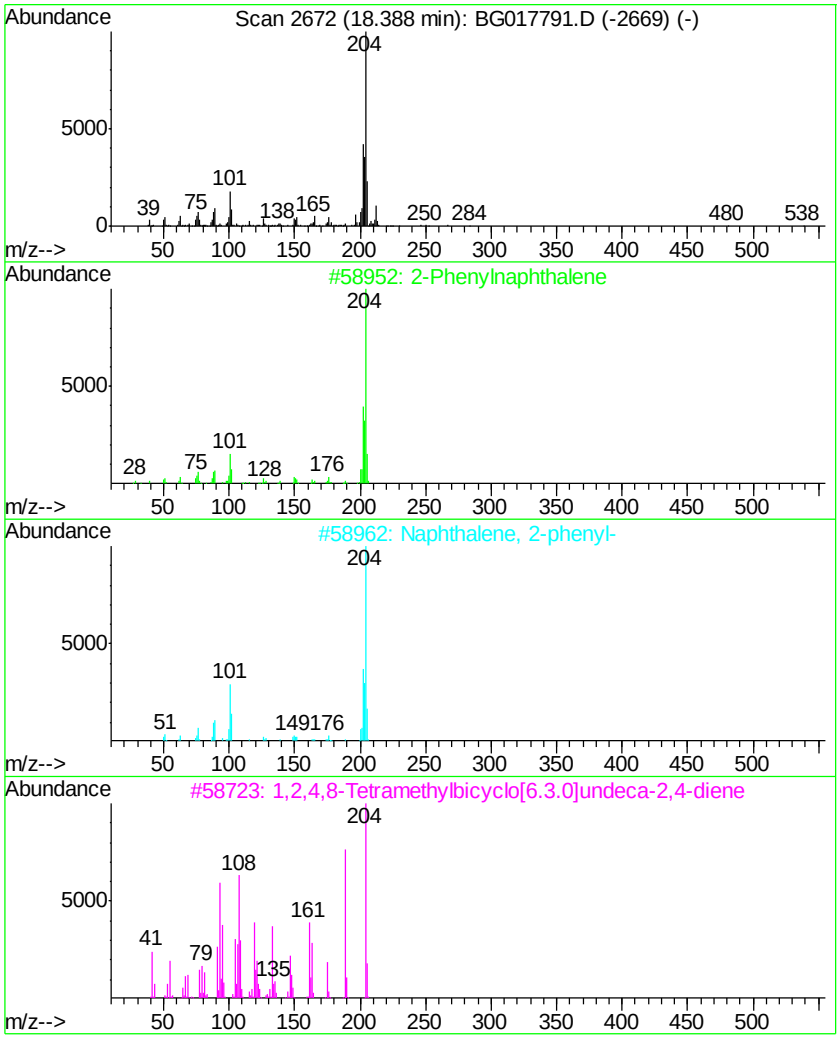
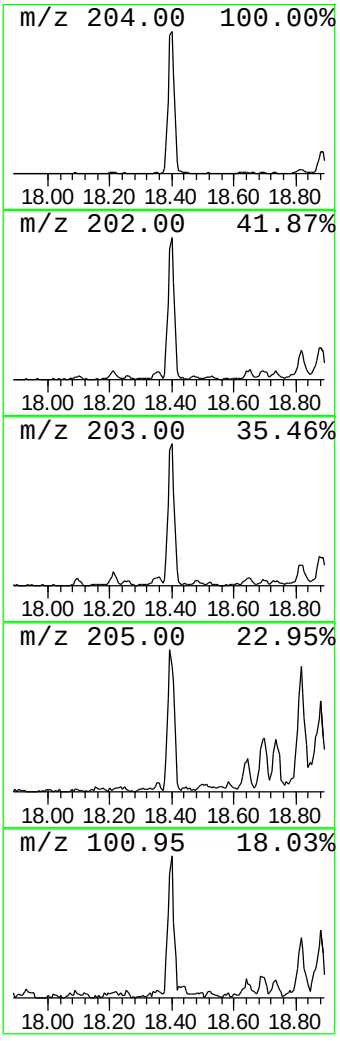
Peak Number 15 2-Phenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	8.67 ng/ul	463336	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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Quant Title : SVOA CALIBRATION

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

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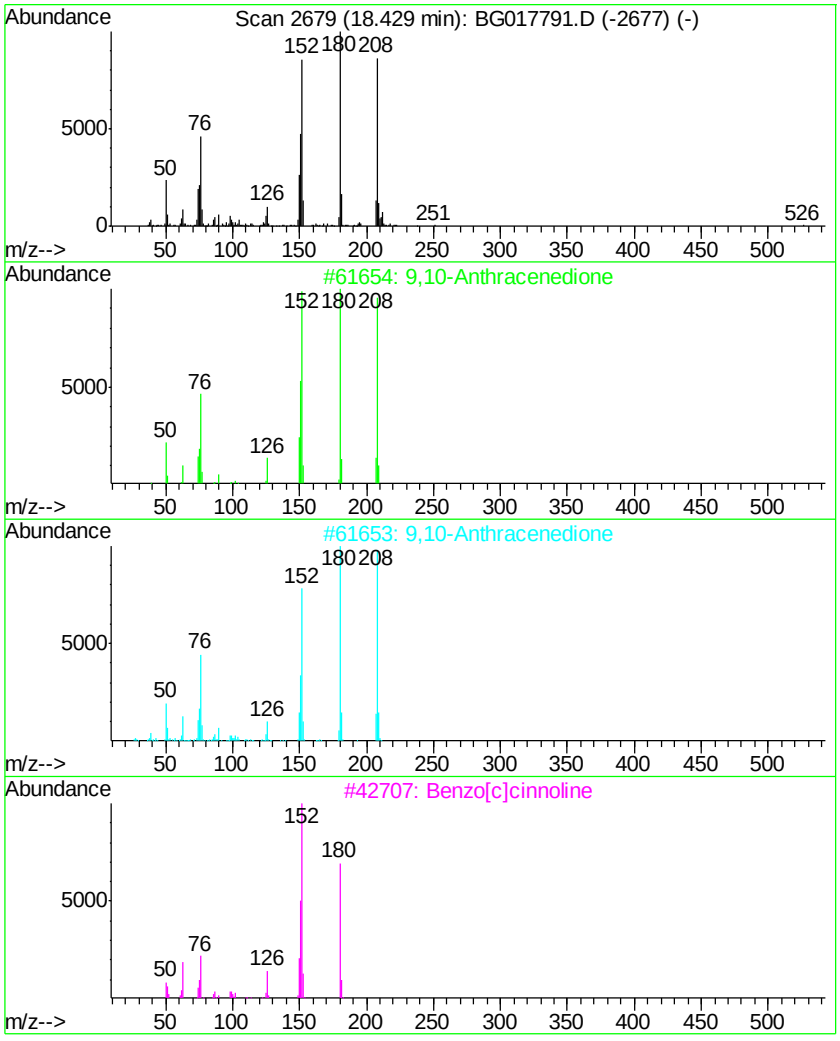
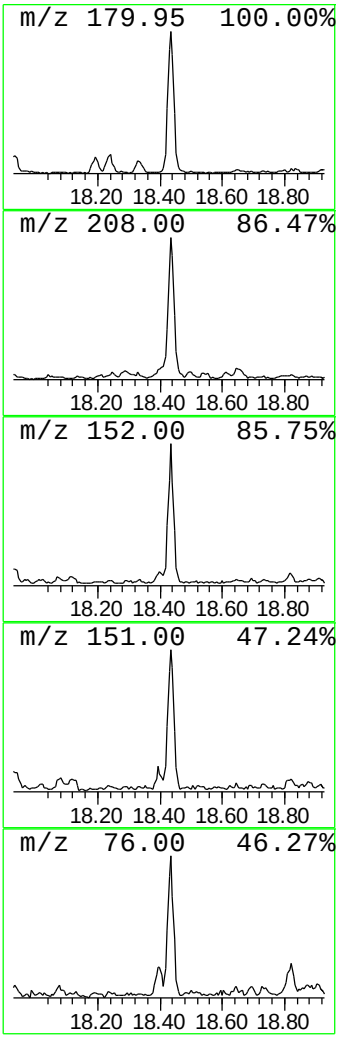
Peak Number 16 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	8.29 ng/ul	442891	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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Quant Title : SVOA CALIBRATION

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

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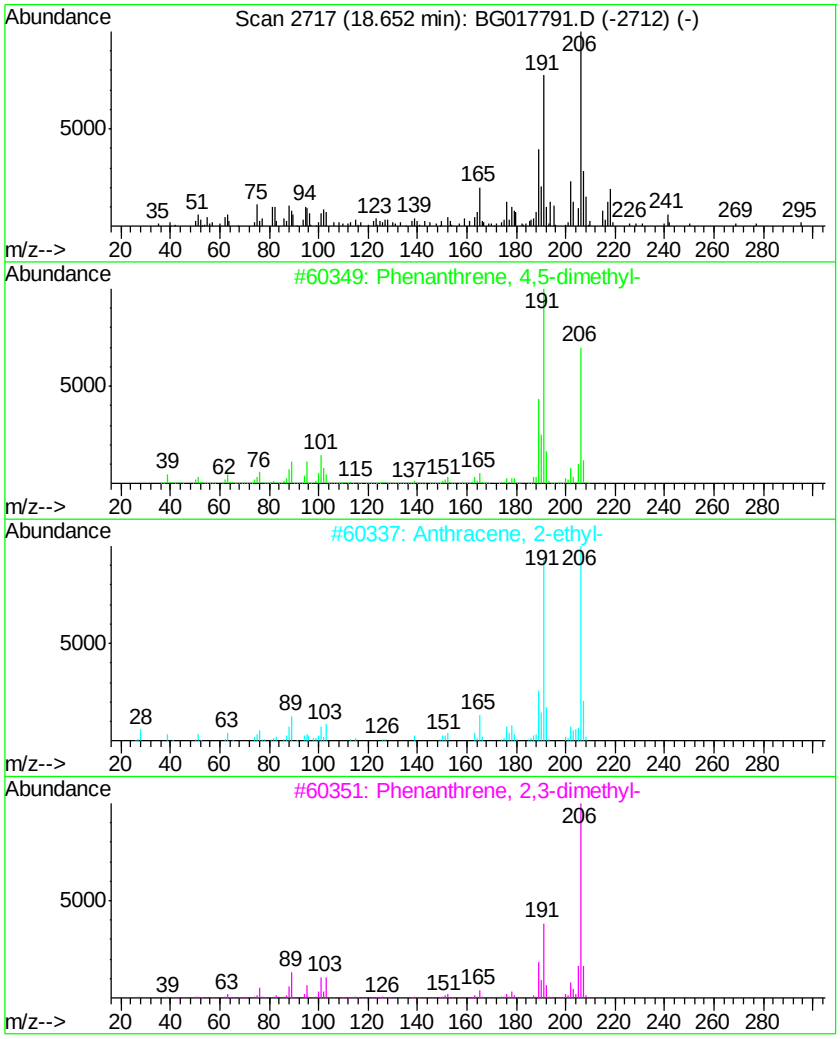
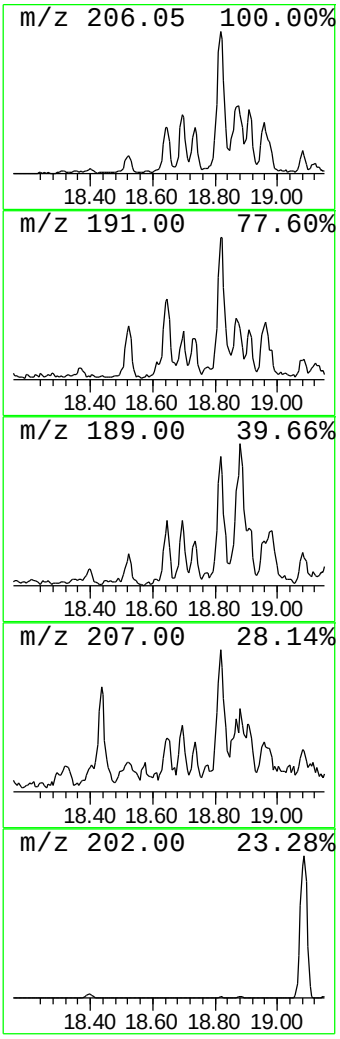
Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	3.10 ng/ul	165717	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89





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Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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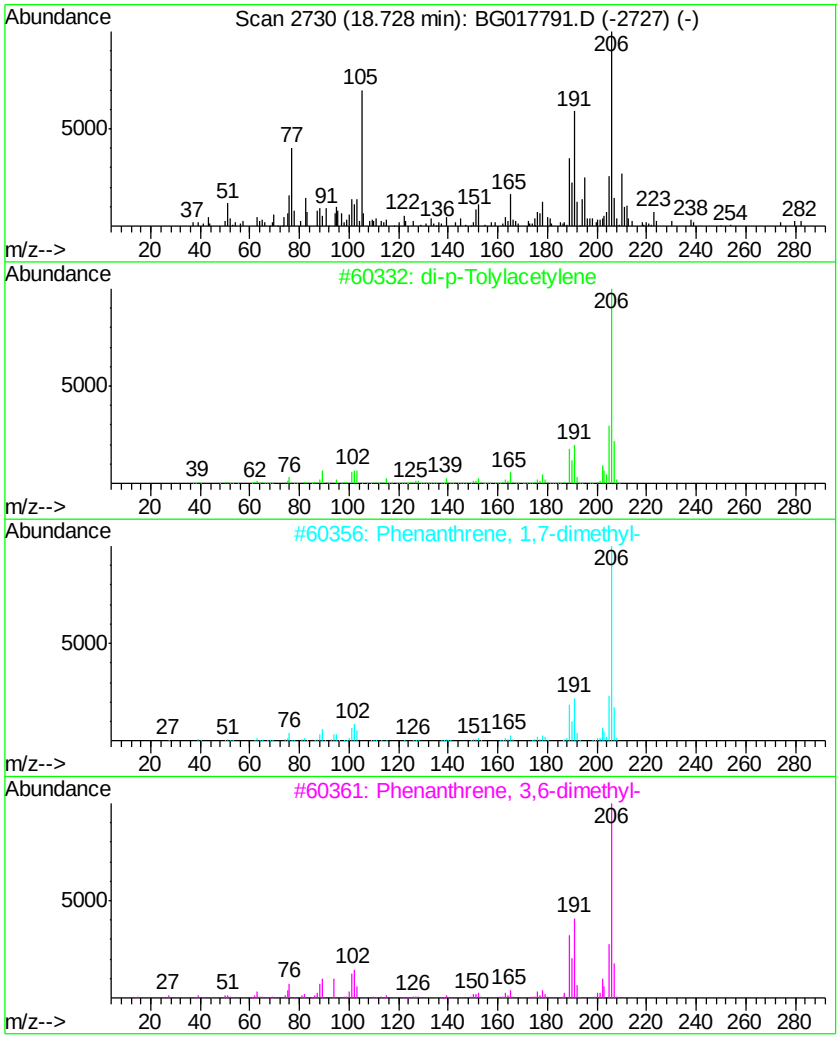
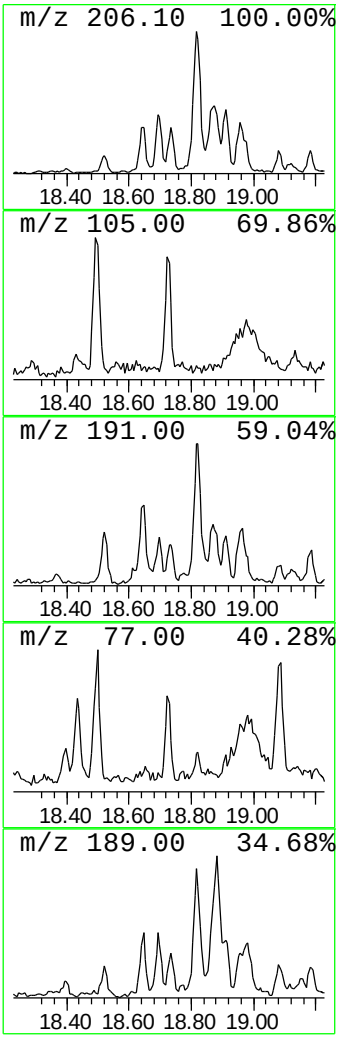
Peak Number 18 di-p-Tolylacetylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.76 ng/ul	147768	Phenanthrene-d10	17.01

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





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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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

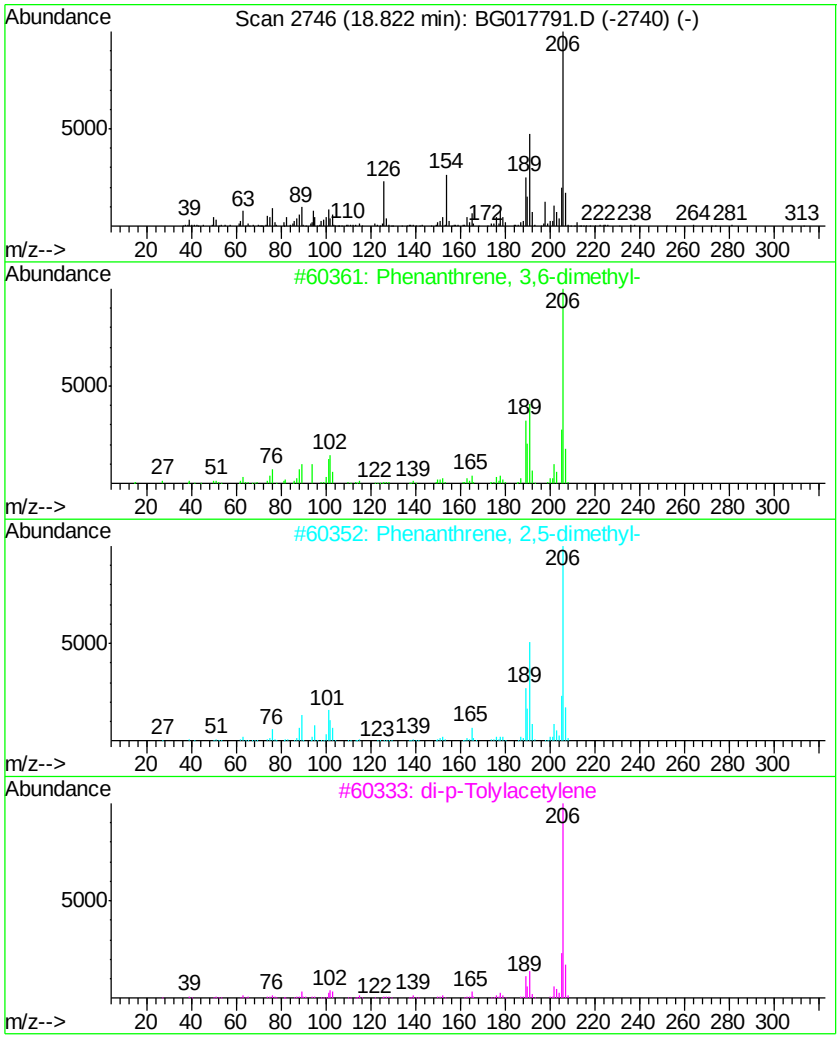
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

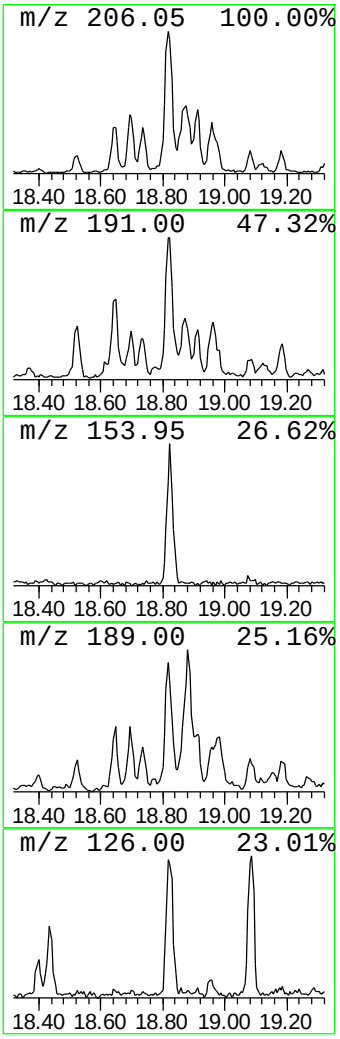
****

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	8.63 ng/ul	461201	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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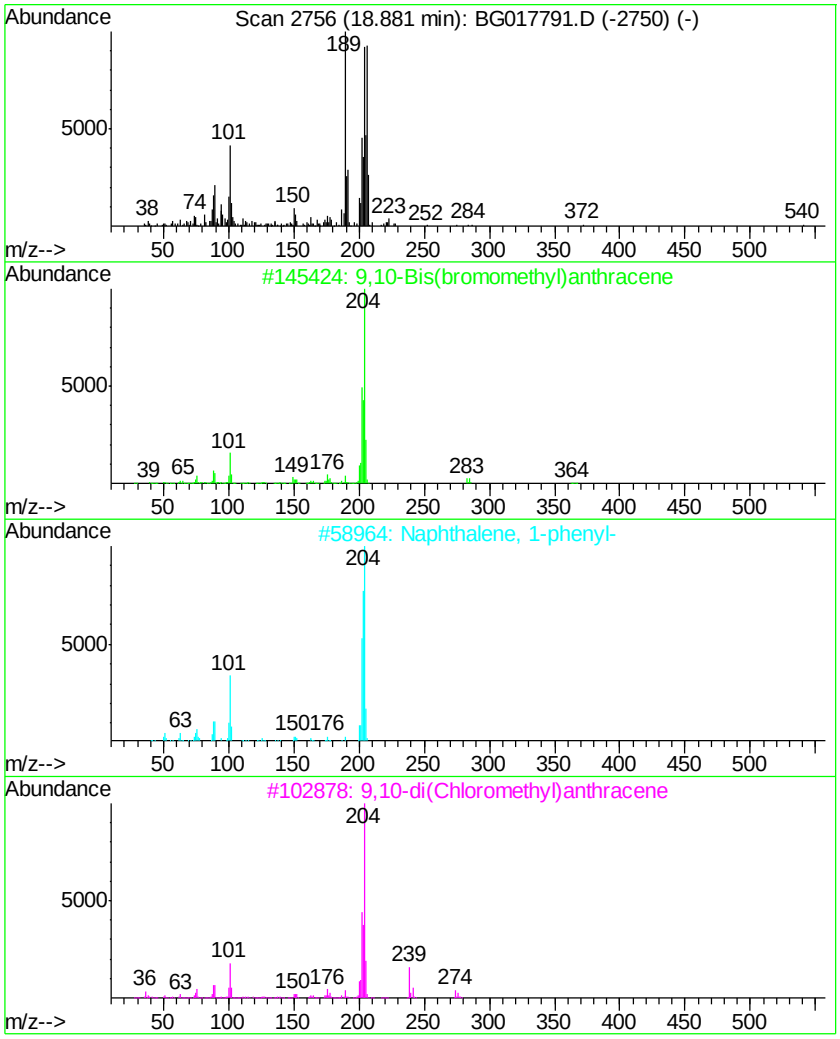
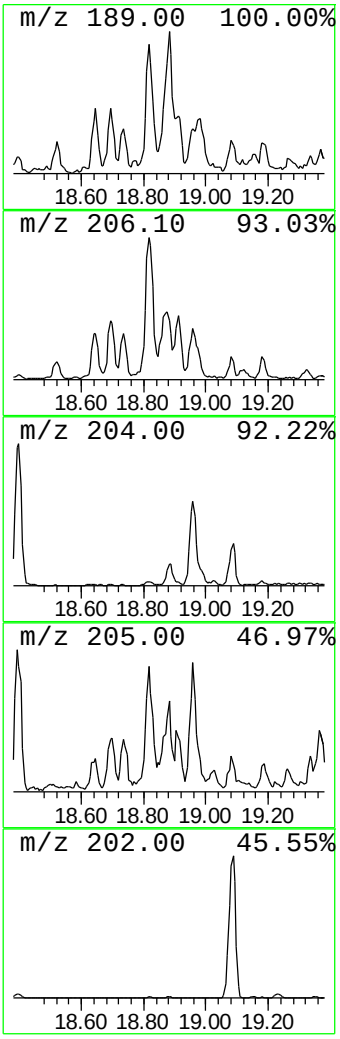
Peak Number 20 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	5.23 ng/ul	279601	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	30
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27





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Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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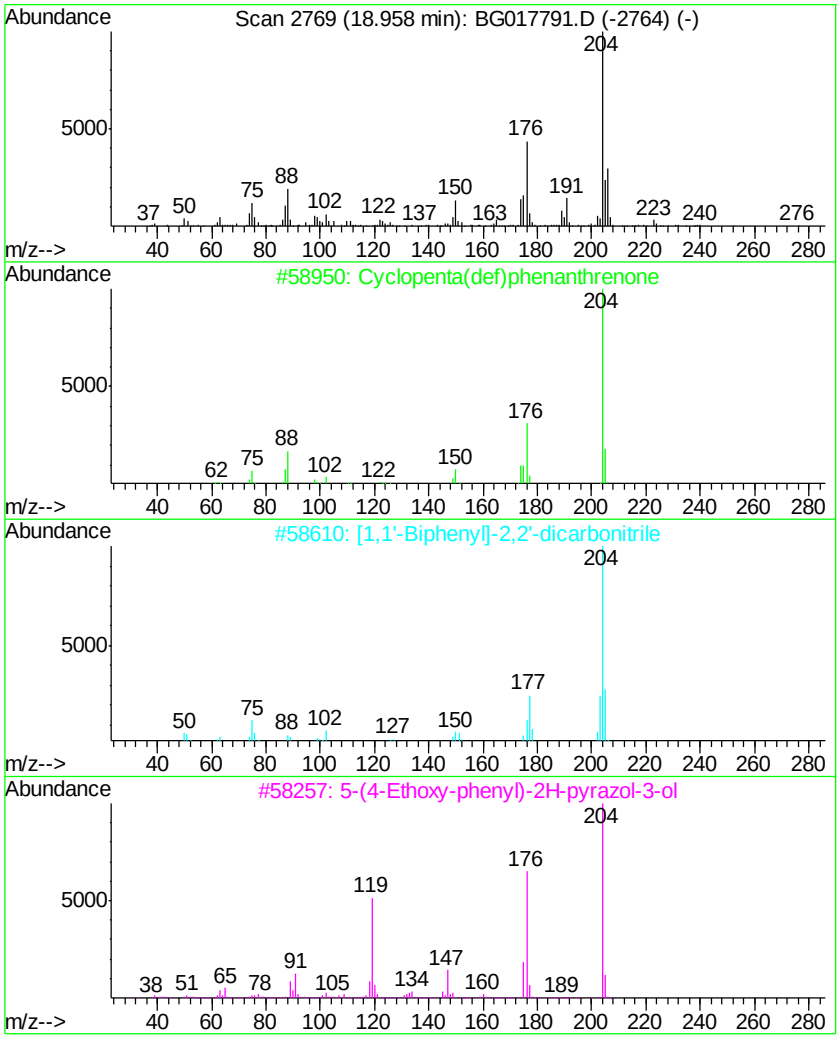
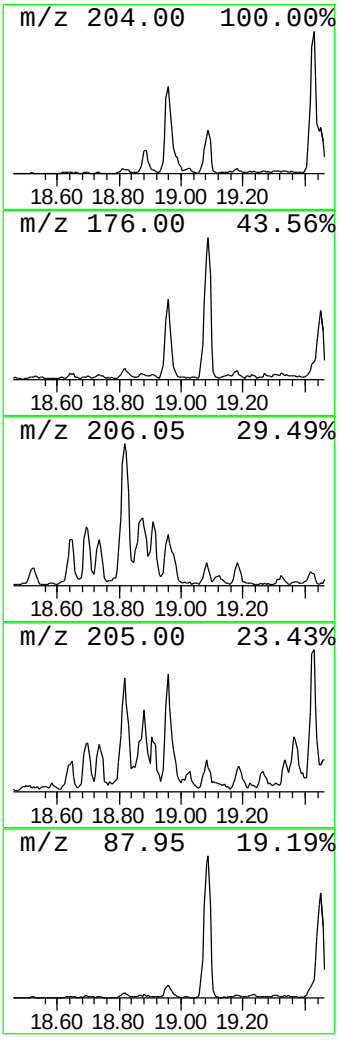
Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	8.90 ng/ul	475745	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	42





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Instrument : BNA_G
ClientSampleId : G93H9

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Quant Title : SVOA CALIBRATION

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

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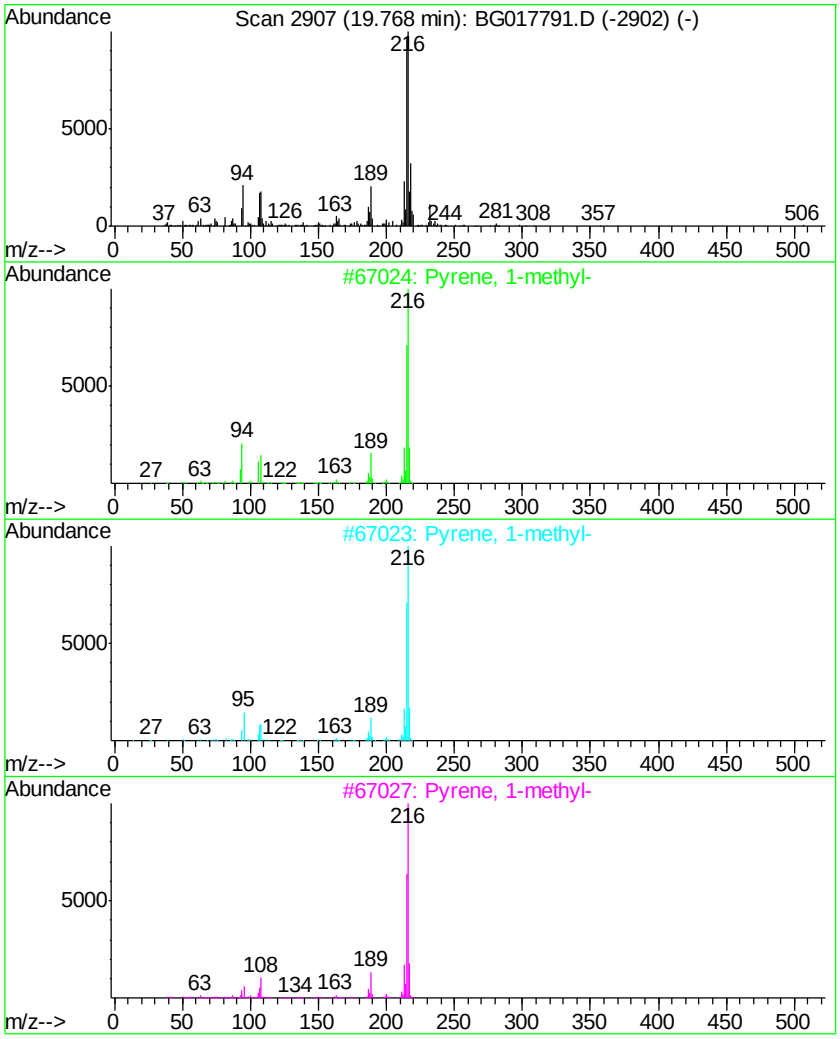
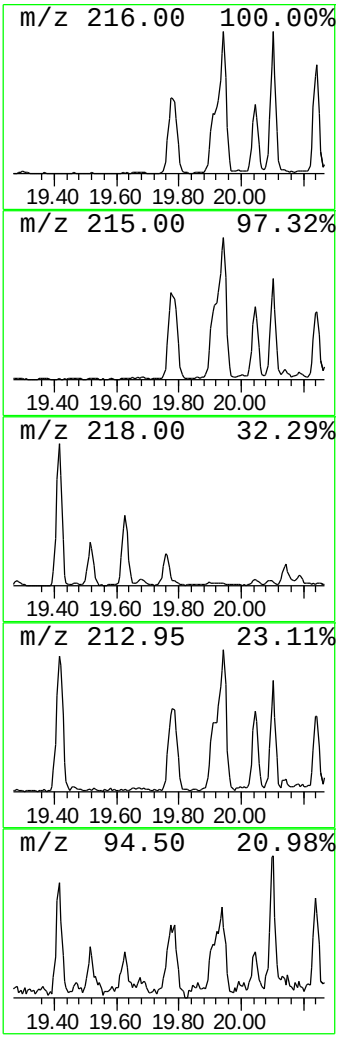
Peak Number 22 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.74 ng/ul	706354	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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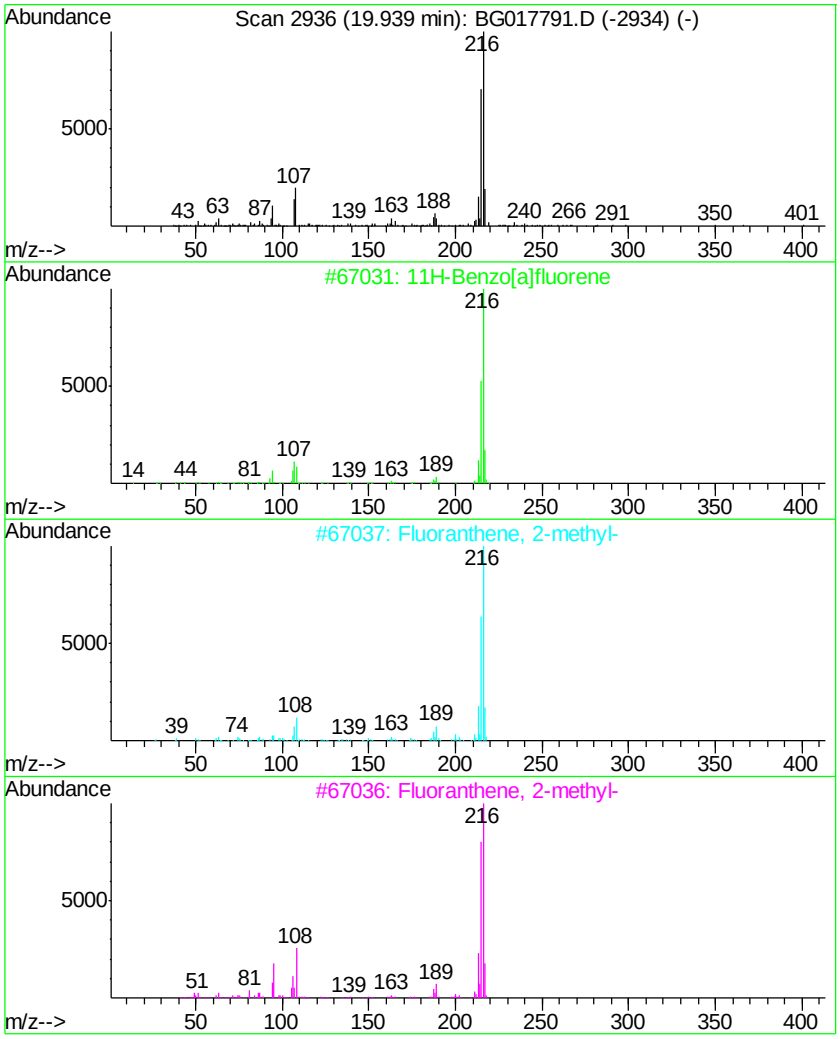
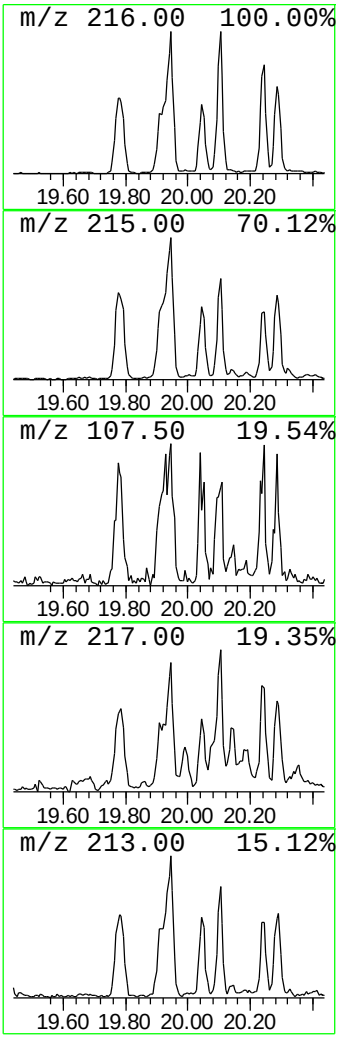
Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.23 ng/ul	574887	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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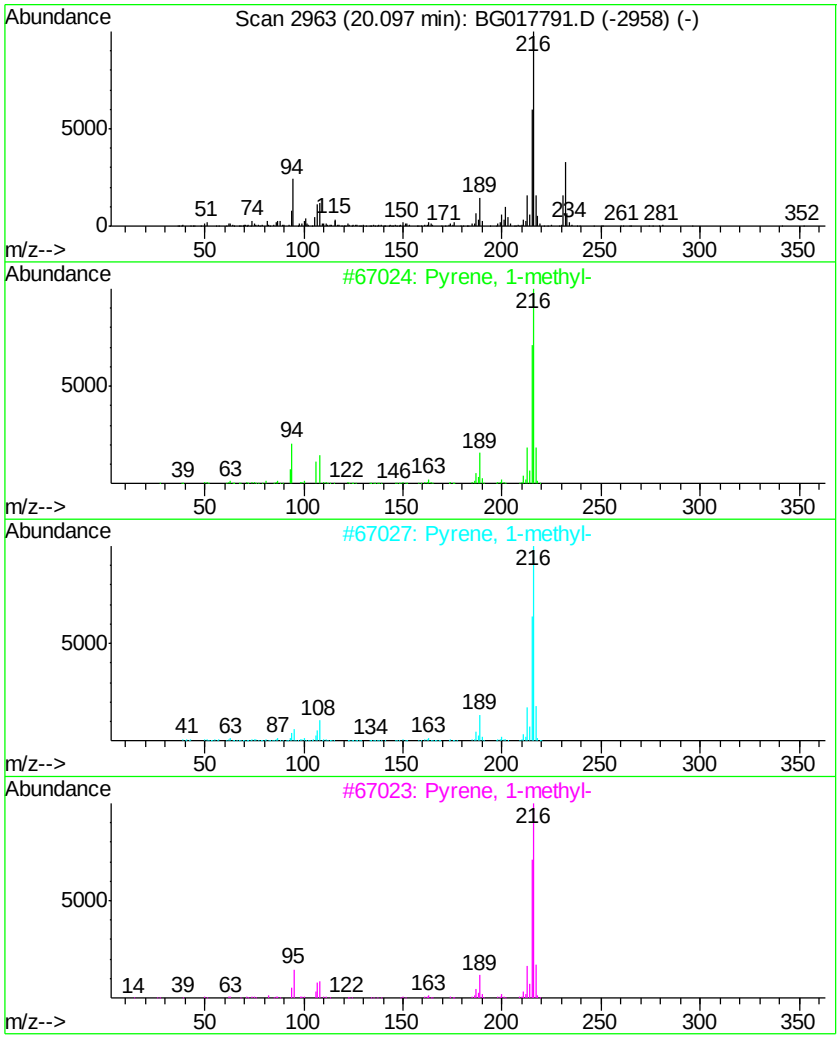
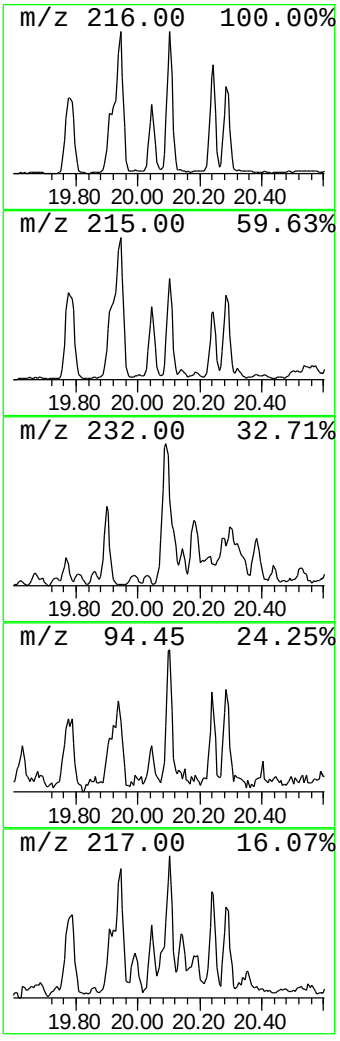
Peak Number 24 Pyrene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.82 ng/ul	727332	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95





Library Search Compound Report

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Sample : G2860-04
Misc :
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Instrument : BNA_G
ClientSampleId : G93H9

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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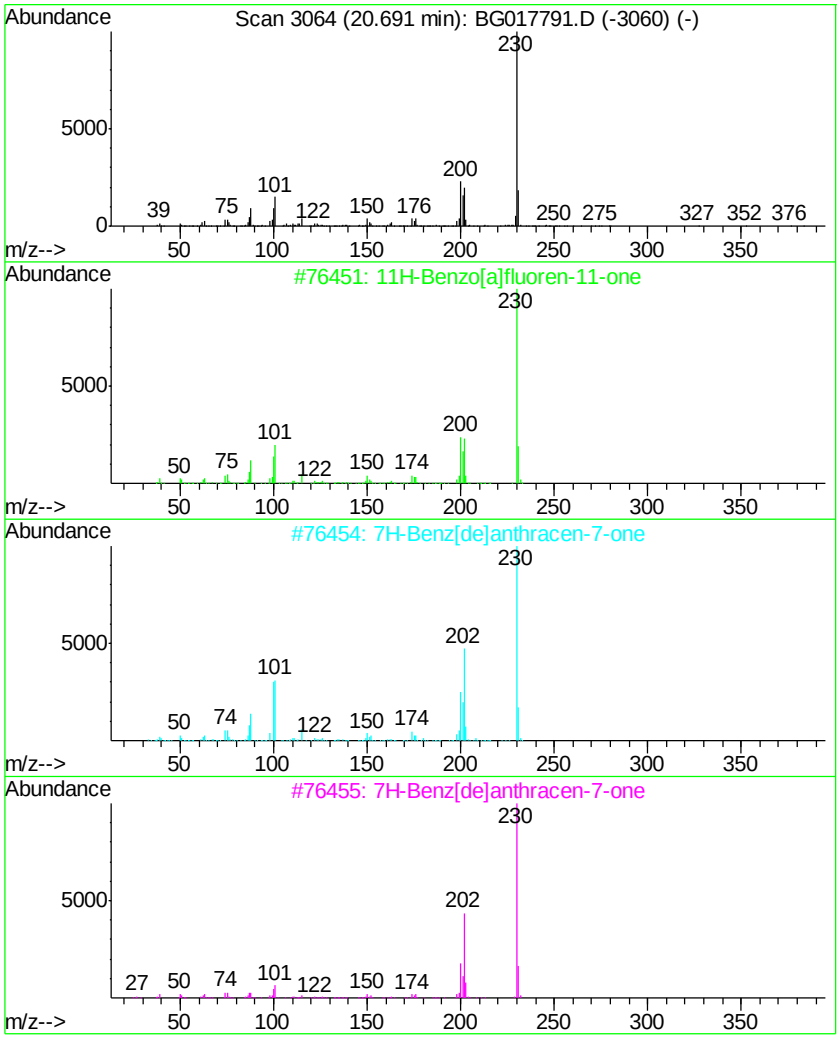
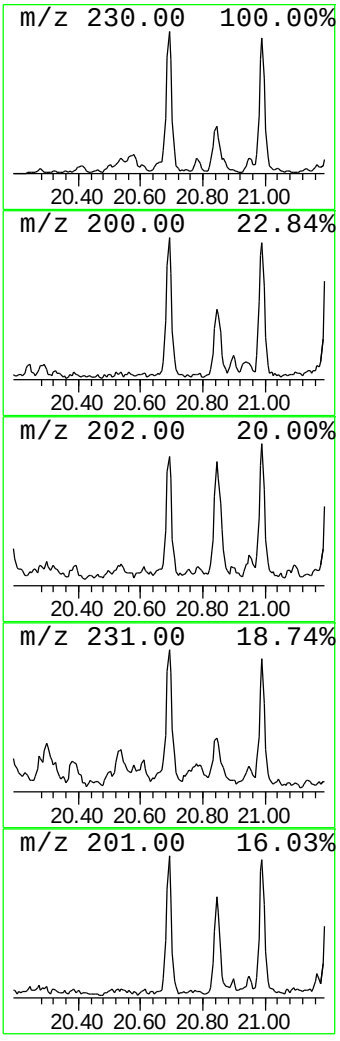
Peak Number 25 11H-Benzo[a]fluoren-11-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.37 ng/ul	610041	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	64





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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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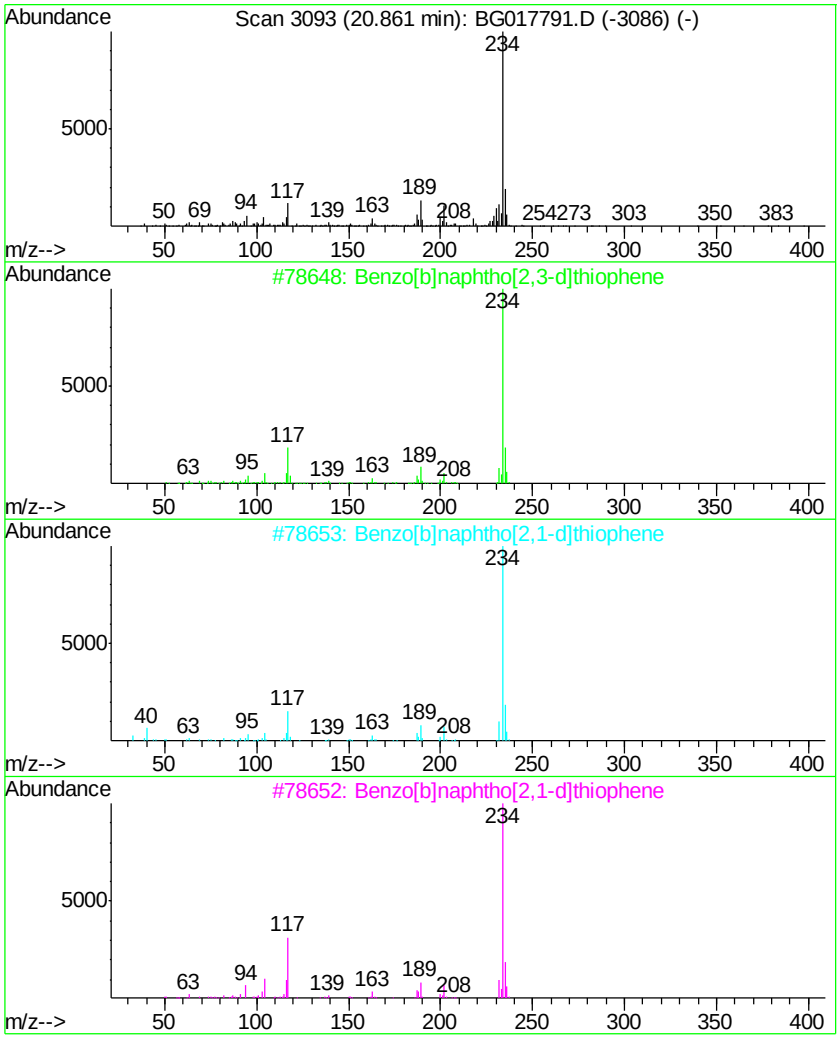
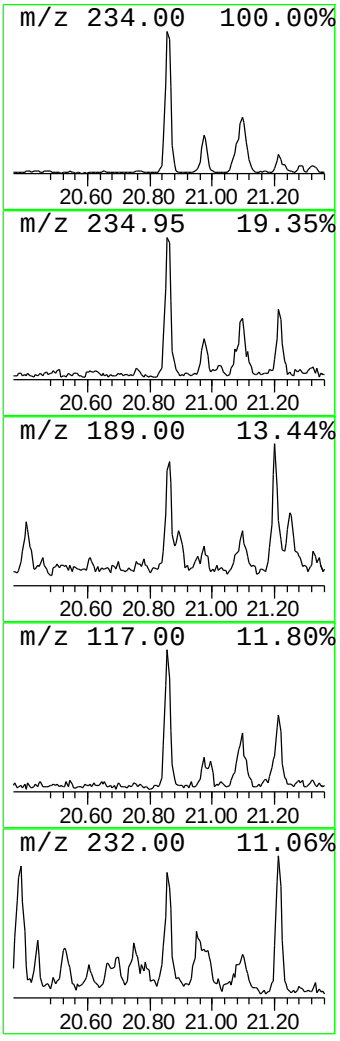
Peak Number 26 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.44 ng/ul	628227	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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ClientSampleId : G93H9

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Quant Title : SVOA CALIBRATION

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

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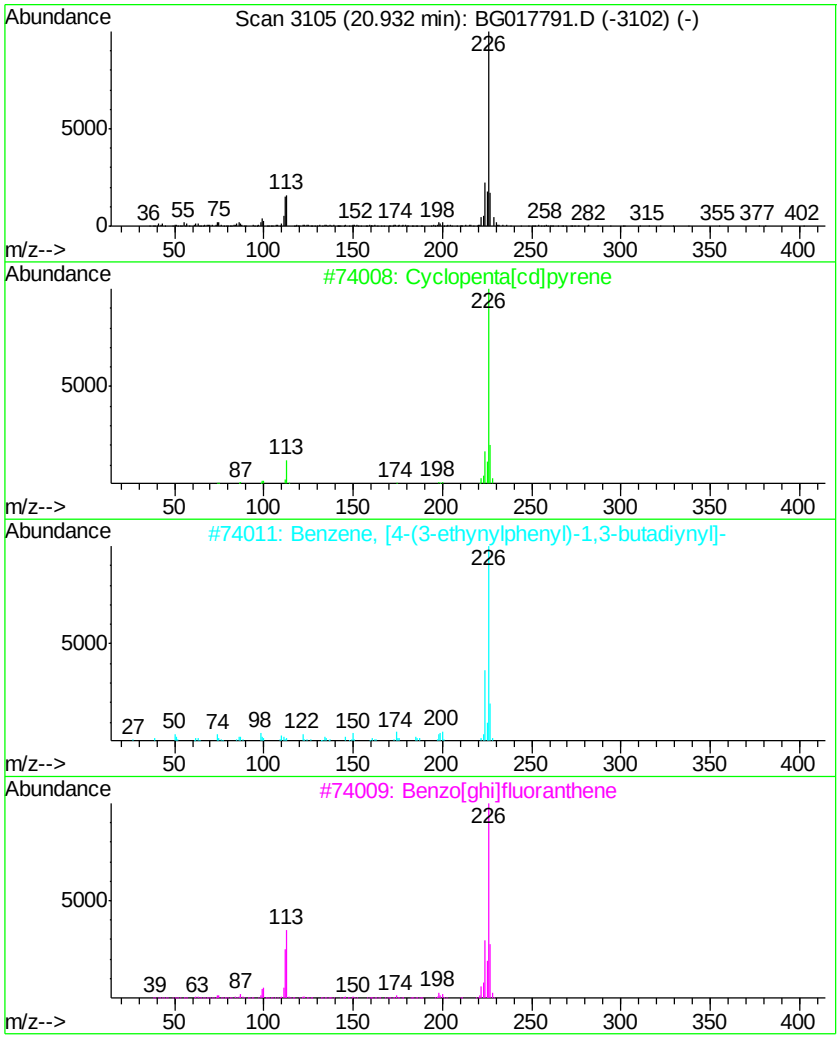
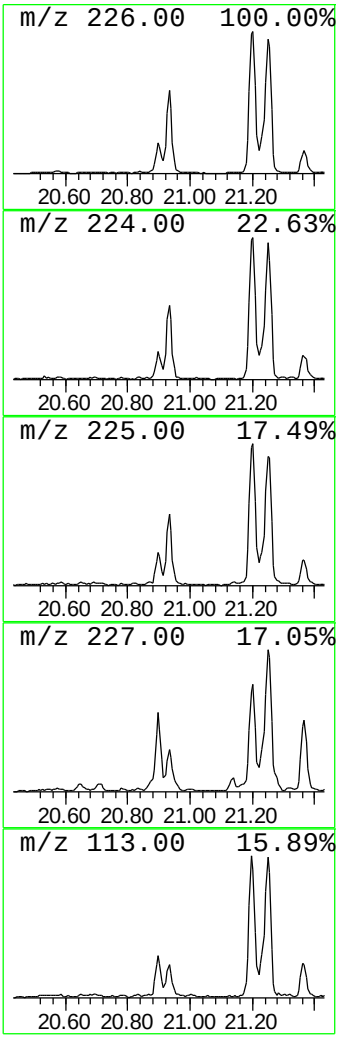
Peak Number 27 Cyclopenta[cd]pyrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.58 ng/ul	666016	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





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ClientSampleId : G93H9

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Quant Title : SVOA CALIBRATION

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

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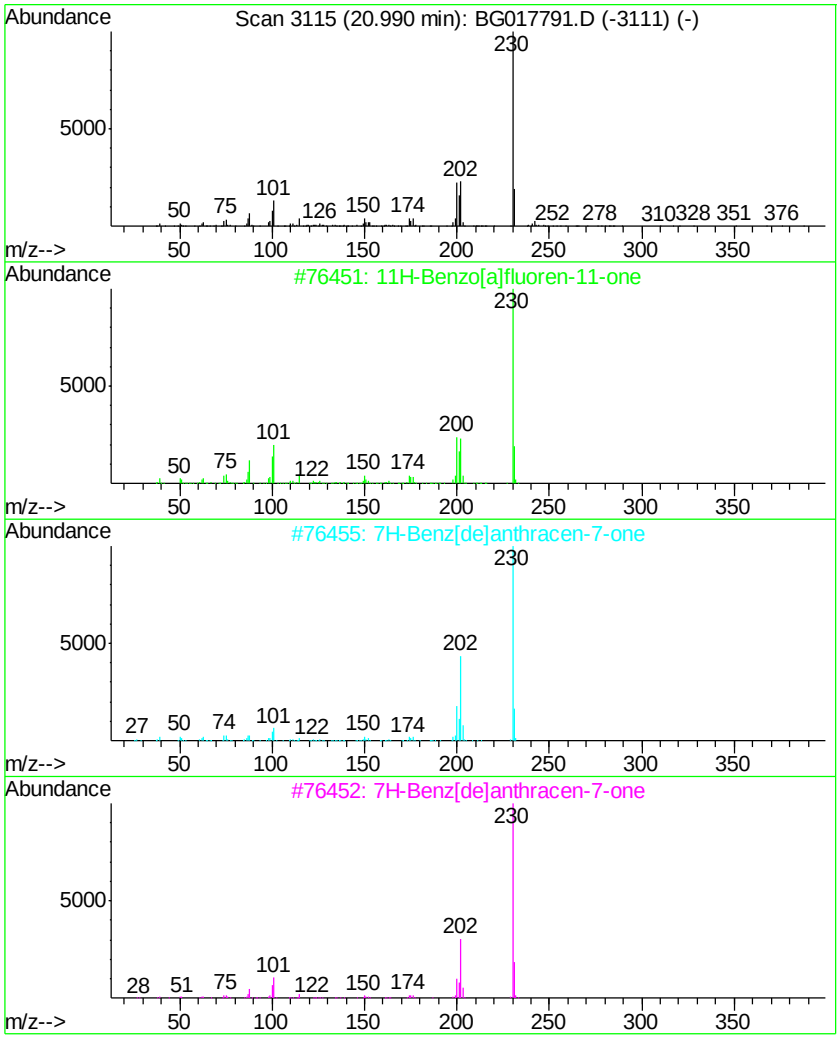
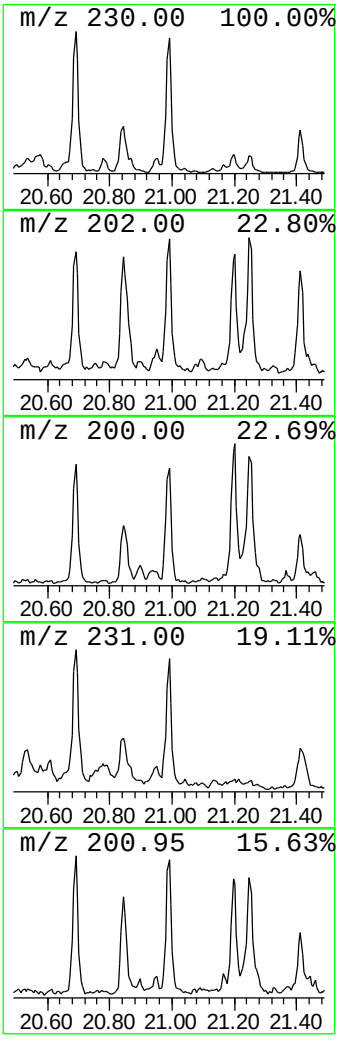
Peak Number 28 7H-Benz[de]anthracen-7-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.70 ng/ul	696979	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Instrument : BNA_G
ClientSampleId : G93H9

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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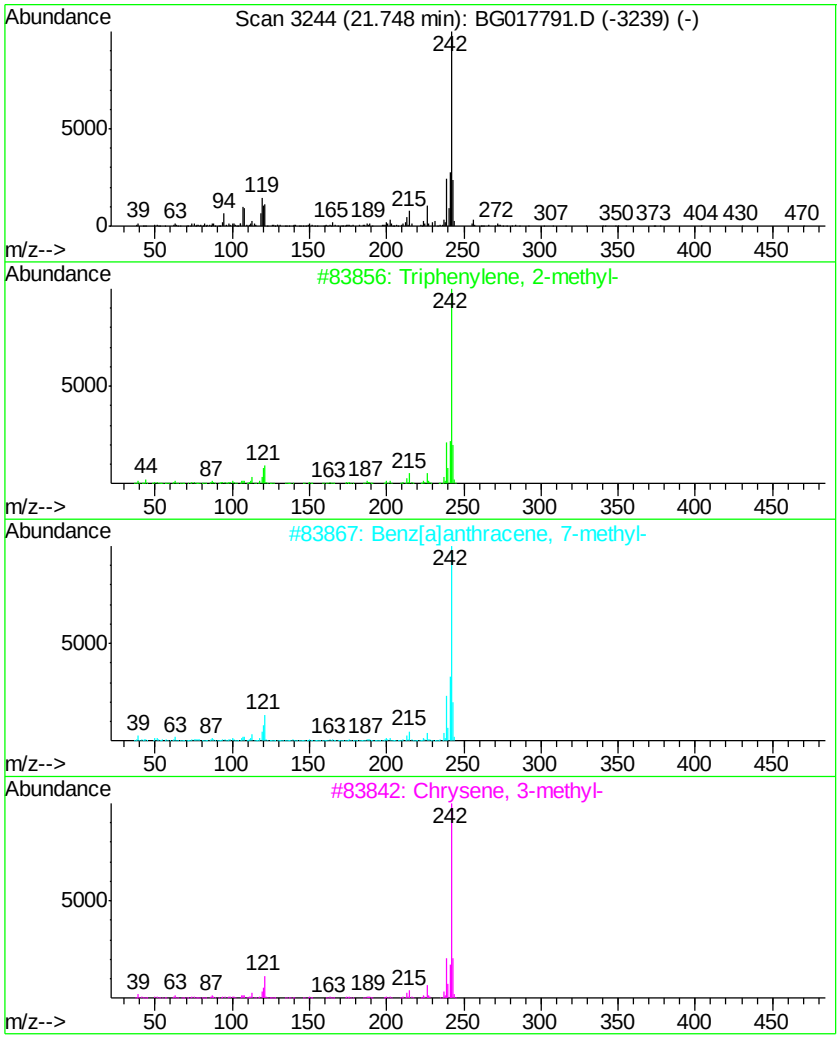
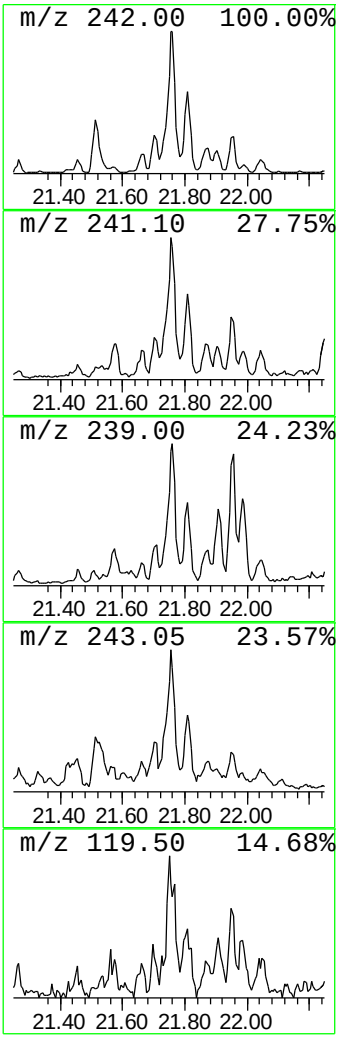
Peak Number 29 Triphenylene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.45 ng/ul	631394	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	95
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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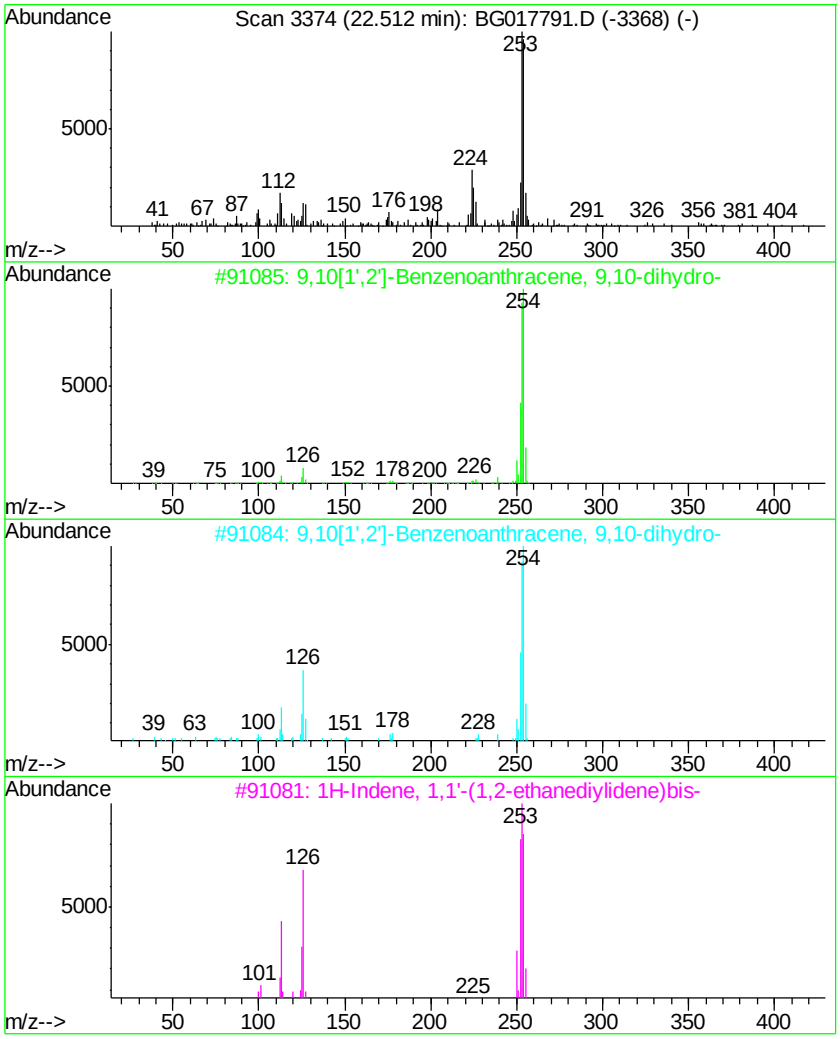
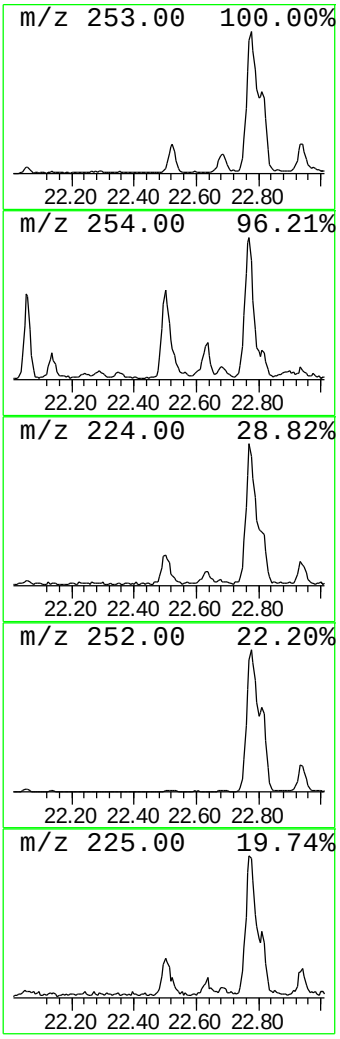
Peak Number 30 9,10[1',2']-Benzenoanthrace... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	5.47 ng/ul	347038	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
3	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	62
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	62
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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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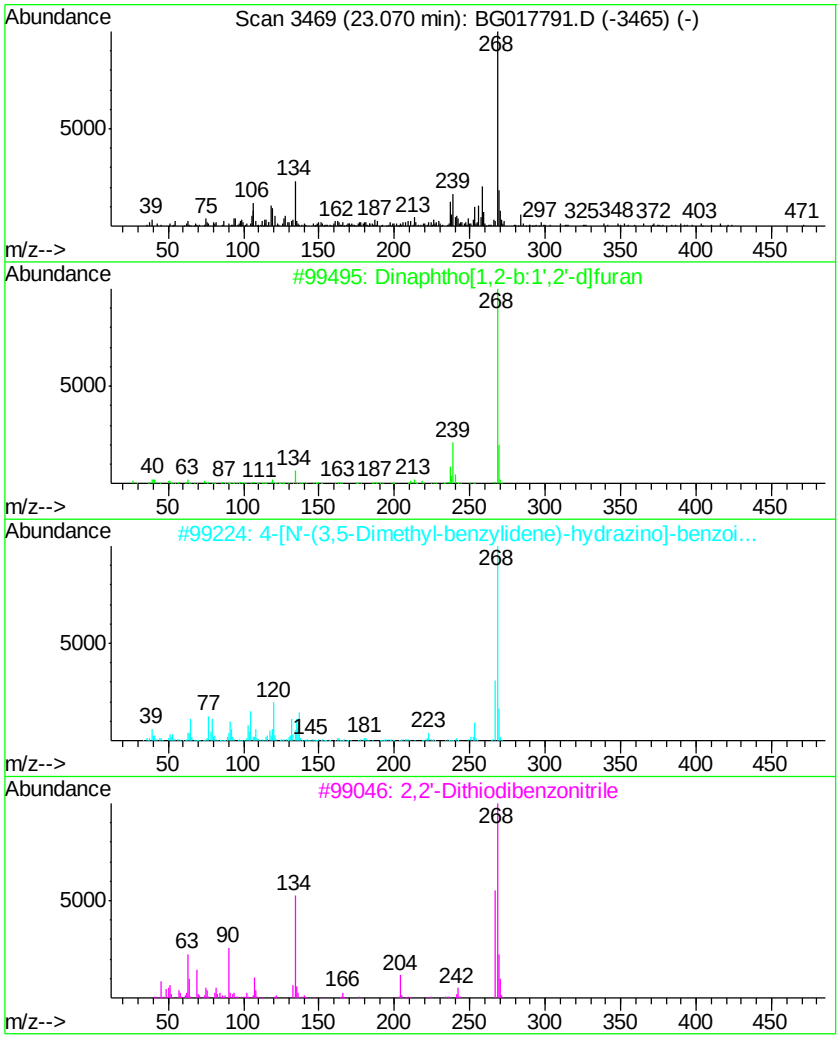
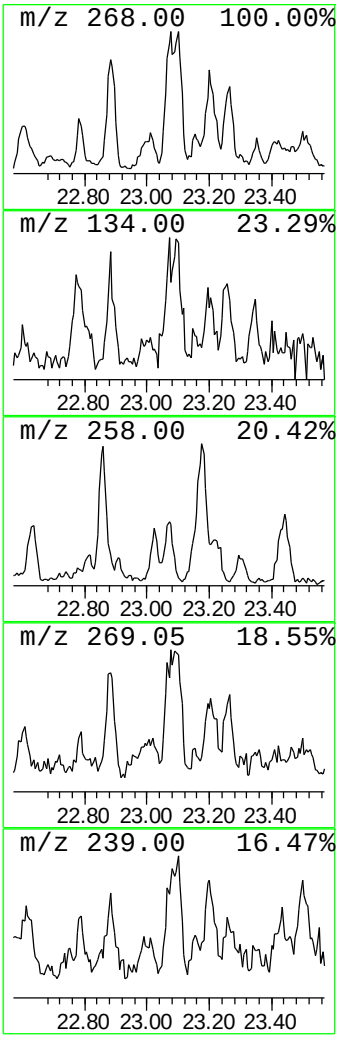
Peak Number 32 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	4.73 ng/ul	300198	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2	4-[N'-(3,5-Dimethyl-benzylidene)...	268	C16H16N2O2	1000293-91-1	50
3	2,2'-Dithiodibenzonitrile	268	C14H8N2S2	033174-74-2	47
4	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	47
5	2,2'-Bibenzothiazole	268	C14H8N2S2	004271-09-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93H9

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	126.4	ng/ul	2892220	1	7.60	457735	20.0
Dibenzofuran, 4-m...	15.61	2.5	ng/ul	119554	3	14.26	958593	20.0
9H-Fluoren-9-ol	15.76	2.8	ng/ul	147342	4	17.01	1068910	20.0
(DEL) Alkane: Str...	16.00	2.4	ng/ul	128870	4	17.01	1068910	20.0
9H-Fluorene, 9-me...	16.32	3.3	ng/ul	177196	4	17.01	1068910	20.0
9H-Fluoren-9-one	16.67	5.1	ng/ul	270249	4	17.01	1068910	20.0
Dibenzothiophene	16.83	4.3	ng/ul	229947	4	17.01	1068910	20.0
Naphthalene, 1-ph...	17.54	2.7	ng/ul	146436	4	17.01	1068910	20.0
Phenanthrene, 2-m...	17.89	11.0	ng/ul	586989	4	17.01	1068910	20.0
Phenanthrene, 1-m...	17.94	14.8	ng/ul	791934	4	17.01	1068910	20.0
Anthracene, 1-met...	18.02	4.8	ng/ul	256614	4	17.01	1068910	20.0
Benzaldehyde, 3,5...	18.08	20.6	ng/ul	1098250	4	17.01	1068910	20.0
Anthracene, 9-met...	18.12	7.4	ng/ul	396388	4	17.01	1068910	20.0
2-Phenylnaphthalene	18.39	8.7	ng/ul	463336	4	17.01	1068910	20.0
9,10-Anthracenedione	18.43	8.3	ng/ul	442891	4	17.01	1068910	20.0
Phenanthrene, 4,5...	18.65	3.1	ng/ul	165717	4	17.01	1068910	20.0
di-p-Tolylacetylene	18.73	2.8	ng/ul	147768	4	17.01	1068910	20.0
Phenanthrene, 3,6...	18.82	8.6	ng/ul	461201	4	17.01	1068910	20.0
unknown-01	18.88	5.2	ng/ul	279601	4	17.01	1068910	20.0
Cyclopenta(def)ph...	18.96	8.9	ng/ul	475745	4	17.01	1068910	20.0
Pyrene, 1-methyl-	19.77	2.7	ng/ul	706354	5	21.21	5157960	20.0
11H-Benzo[a]fluorene	19.94	2.2	ng/ul	574887	5	21.21	5157960	20.0
Pyrene, 4-methyl-	20.10	2.8	ng/ul	727332	5	21.21	5157960	20.0
11H-Benzo[a]fluor...	20.69	2.4	ng/ul	610041	5	21.21	5157960	20.0
Benzo[b]naphtho[2...	20.86	2.4	ng/ul	628227	5	21.21	5157960	20.0
Cyclopenta[cd]pyrene	20.93	2.6	ng/ul	666016	5	21.21	5157960	20.0
7H-Benz[de]anthra...	20.99	2.7	ng/ul	696979	5	21.21	5157960	20.0
Triphenylene, 2-m...	21.75	2.5	ng/ul	631394	5	21.21	5157960	20.0
9,10[1',2']-Benze...	22.51	5.5	ng/ul	347038	6	23.44	1268470	20.0
Dinaphtho[1,2-b:1...	23.07	4.7	ng/ul	300198	6	23.44	1268470	20.0