LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.761	9	12	18	rVB	26355	36281	5.32%	0.417%
2	4.723	342	346	351	rVB2	10975	16184	2.37%	0.186%
3	5.217	424	430	437	rBV	226116	342045	50.18%	3.933%
4	6.839	698	706	717	rBV	241089	395937	58.08%	4.553%
5	7.168	755	762	769	rBV	254896	401856	58.95%	4.621%
6	7.620	832	839	847	rBV	115920	176772	25.93%	2.033%
7	7.943	887	894	900	rBV	178674	283775	41.63%	3.263%
8	8.783	1030	1037	1047	rBV	148609	255982	37.55%	2.944%
9	10.417	1309	1315	1330	rVB	141212	249127	36.54%	2.865%
10	12.902	1732	1738	1745	rBV	327380	484271	71.04%	5.569%
11	13.613	1854	1859	1865	rBV5	2978	7013	1.03%	0.081%
12	13.754	1877	1883	1892	rVB	68978	101384	14.87%	1.166%
13	14.012	1924	1927	1933	rVB5	3959	7900	1.16%	0.091%
14	14.289	1966	1974	1981	rBV2	195429	308204	45.21%	3.544%
15	14.353	1981	1985	1992	rVB2	10842	17477	2.56%	0.201%
16	14.694	2039	2043	2049	rVB5	7255	10578	1.55%	0.122%
17	15.146	2116	2120	2124	rVB4	5587	6871	1.01%	0.079%
18	15.346	2148	2154	2160	rBV4	12987	21882	3.21%	0.252%
19	15.640	2200	2204	2207	rBV2	4777	7285	1.07%	0.084%
20	15.793	2224	2230	2239	rBV	275672	412720	60.54%	4.746%
21	16.016	2264	2268	2277	rVB6	8877	18546	2.72%	0.213%
22	16.398	2330	2333	2339	rVB6	4922	9613	1.41%	0.111%
23	16.698	2380	2384	2388	rBV6	7316	13198	1.94%	0.152%
24	16.803	2395	2402	2406	rBV6	11580	19907	2.92%	0.229%
25	16.862	2408	2412	2415	rVB3	10332	13757	2.02%	0.158%
26	17.044	2436	2443	2446	rBV	251545	335018	49.14%	3.853%
27	17.085	2446	2450	2457	rVV	159297	217864	31.96%	2.505%
28	17.173	2461	2465	2470	rVB	41221	56431	8.28%	0.649%
29	17.238	2472	2476	2480	rBV5	5975	10180	1.49%	0.117%
30	17.456	2509	2513	2514	rBV4	8123	10672	1.57%	0.123%
31	17.544	2524	2528	2530	rBV5	9286	10490	1.54%	0.121%
32	17.632	2539	2543	2545	rBV4	6960	8659	1.27%	0.100%
33	17.920	2587	2592	2595	rVV	32302	49122	7.21%	0.565%
34	17.967	2595	2600	2608	rVV3	50556	100542	14.75%	1.156%

LSC Area Percent Report

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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.049	2608	2614	2619	rVV	21089	31822	4.67%	0.366%
36	18.119	2619	2626	2629	rVV3	45674	93480	13.71%	1.075%
37	18.155	2629	2632	2636	rVB	24351	30841	4.52%	0.355%
38	18.237	2641	2646	2650	rBV8	13177	20555	3.02%	0.236%
39	18.378	2665	2670	2672	rBV4	5107	10854	1.59%	0.125%
40	18.425	2674	2678	2683	rVV	23887	35578	5.22%	0.409%
41	18.466	2683	2685	2691	rVB4	14127	23566	3.46%	0.271%
42	18.554	2698	2700	2706	rVB7	5232	7958	1.17%	0.092%
43	18.672	2717	2720	2724	rVB6	11375	13773	2.02%	0.158%
44	18.725	2726	2729	2731	rBV4	11823	12459	1.83%	0.143%
45	18.842	2744	2749	2754	rBV3	30521	54630	8.01%	0.628%
46	18.913	2757	2761	2764	rVV6	19549	35539	5.21%	0.409%
47	18.936	2764	2765	2769	rVV4	17955	18974	2.78%	0.218%
48	18.983	2769	2773	2785	rVB8	22627	63343	9.29%	0.728%
49	19.112	2790	2795	2800	rVB	299640	399031	58.53%	4.589%
50	19.212	2809	2812	2814	rBV4	13457	13631	2.00%	0.157%
51	19.259	2818	2820	2823	rVB4	8855	7150	1.05%	0.082%
52	19.312	2825	2829	2831	rBV5	6597	9923	1.46%	0.114%
53	19.353	2833	2836	2839	rVV3	11516	14519	2.13%	0.167%
54	19.447	2847	2852	2853	rBV	56000	74619	10.95%	0.858%
55	19.477	2853	2857	2865	rVV	273224	393423	57.71%	4.524%
56	19.553	2866	2870	2874	rVB4	19960	27766	4.07%	0.319%
57	19.682	2882	2892	2896	rBV	532736	661710	97.07%	7.609%
58	19.718	2896	2898	2902	rVB3	21585	25608	3.76%	0.294%
59	19.806	2905	2913	2919	rBV4	32556	84116	12.34%	0.967%
60	19.935	2932	2935	2936	rBV3	18519	22585	3.31%	0.260%
61	19.970	2938	2941	2946	rVB	57074	76010	11.15%	0.874%
62	20.076	2955	2959	2962	rBV	32997	42862	6.29%	0.493%
63	20.135	2962	2969	2973	rBV4	37523	69250	10.16%	0.796%
64	20.170	2973	2975	2978	rVB3	10120	8384	1.23%	0.096%
65	20.211	2980	2982	2986	rVB5	9734	8969	1.32%	0.103%
66	20.270	2990	2992	2996	rVB2	20644	23984	3.52%	0.276%
67	20.317	2996	3000	3003	rBV	28099	37048	5.43%	0.426%
68	20.722	3066	3069	3074	rVB2	30691	45300	6.65%	0.521%
69	20.951	3105	3108	3115	rVB4	40338	64523	9.46%	0.742%
70	21.239	3150	3157	3161	rBV2	377134	681702	100.00%	7.839%
71	21.275	3161	3163	3171	rVB	159000	183603	26.93%	2.111%

LSC Area Percent Report

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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.802	3419	3423	3429	rBV	102787	236153	34.64%	2.716%
73	23.284	3501	3505	3512	rVB	67283	116335	17.07%	1.338%
74	23.384	3517	3522	3528	rVB	106132	193145	28.33%	2.221%
75	23.478	3533	3538	3543	rBV2	173184	303813	44.57%	3.494%

Sum of corrected areas: 8696077

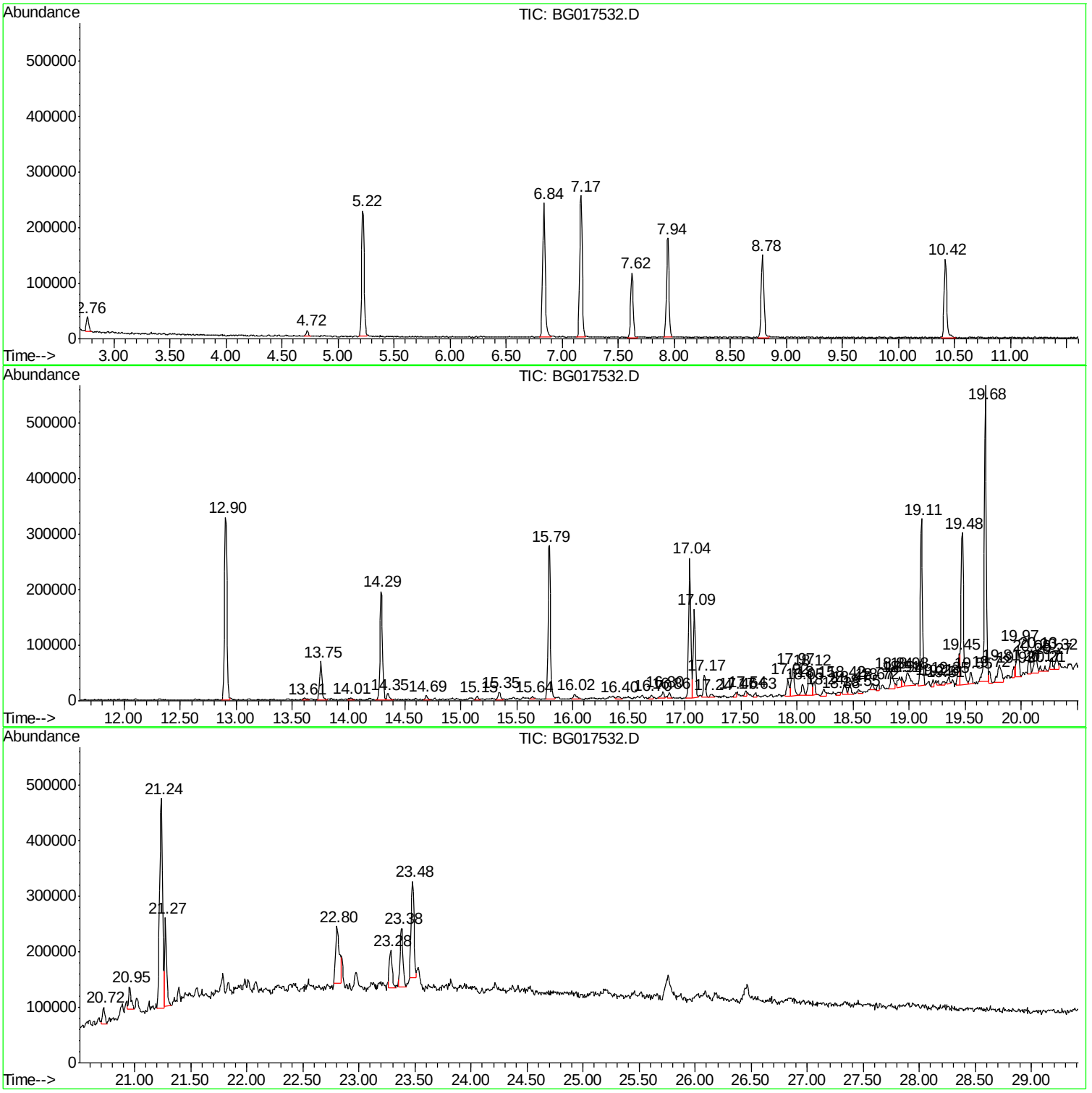
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

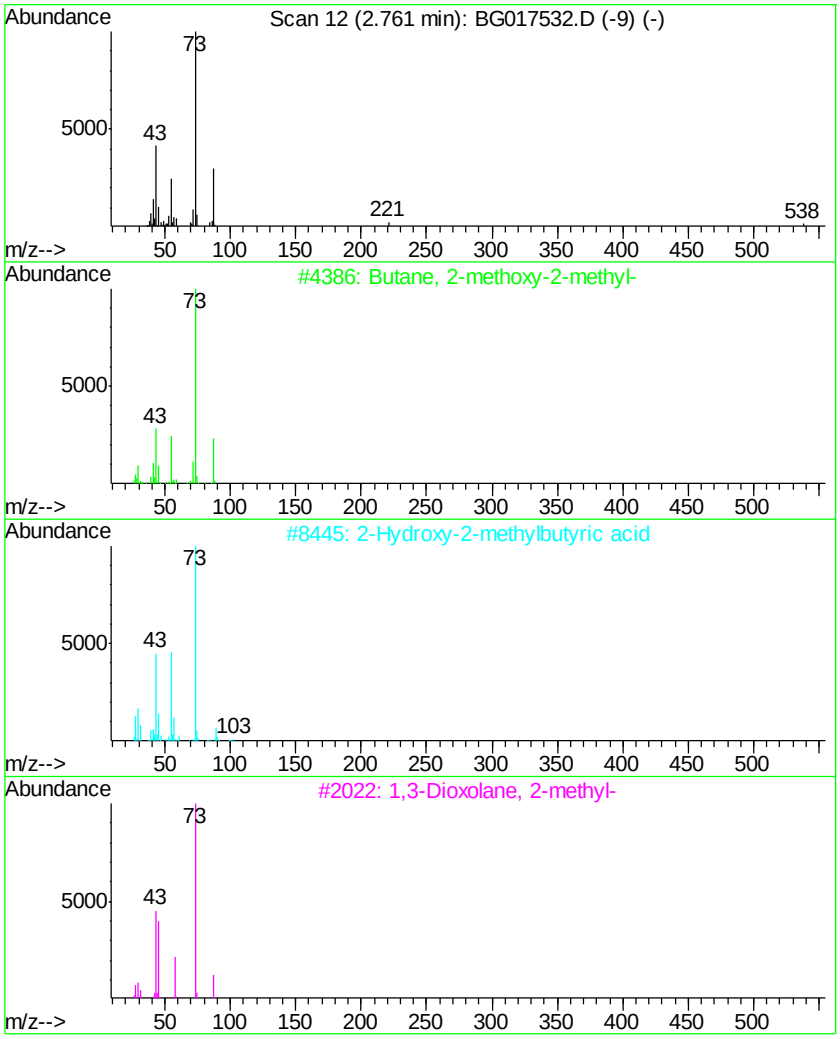
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

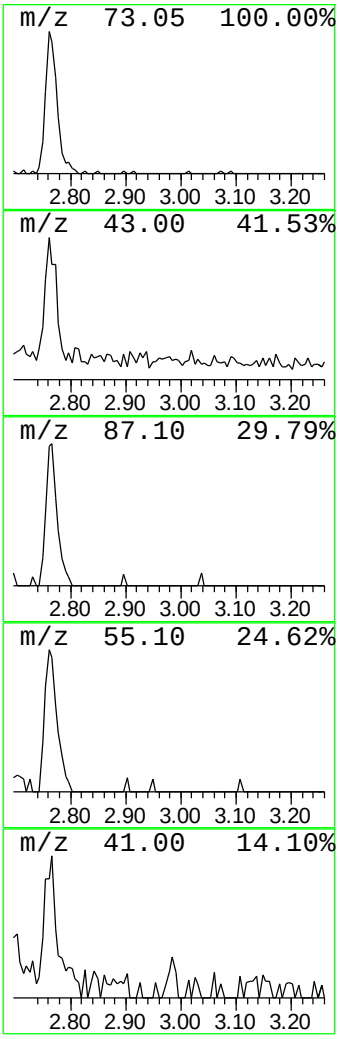
****

Peak Number 1 unknown2.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	4.10 ng	36281	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

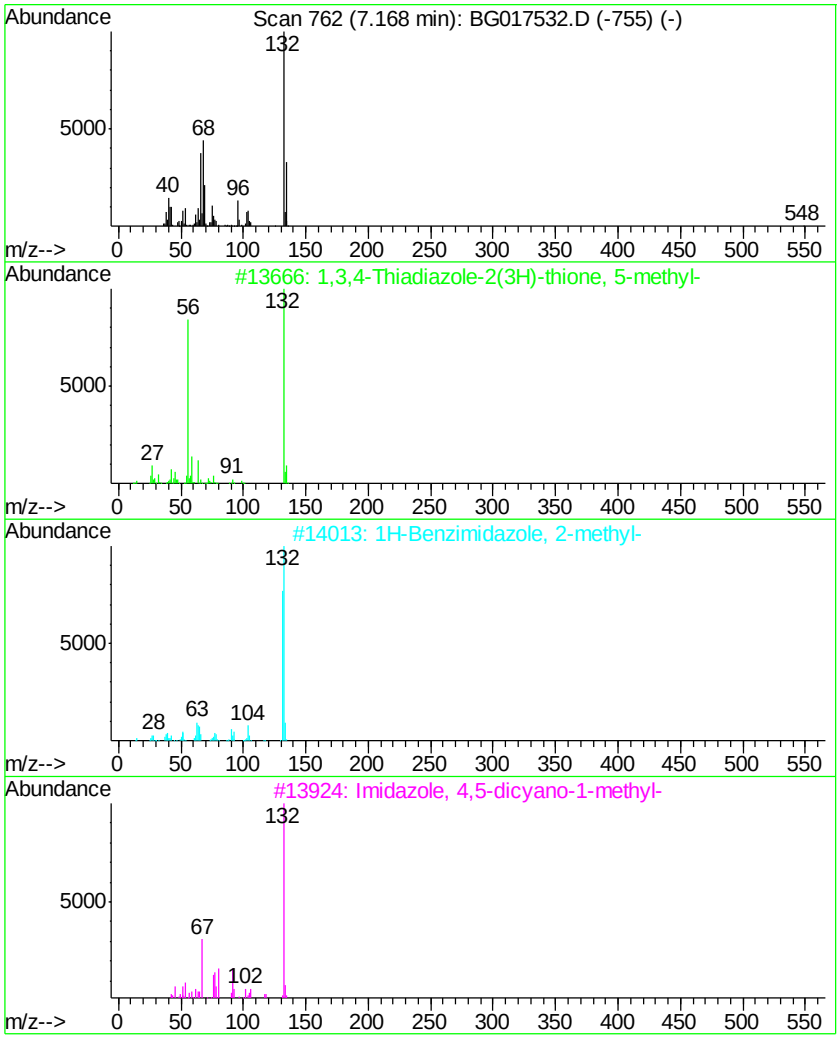
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

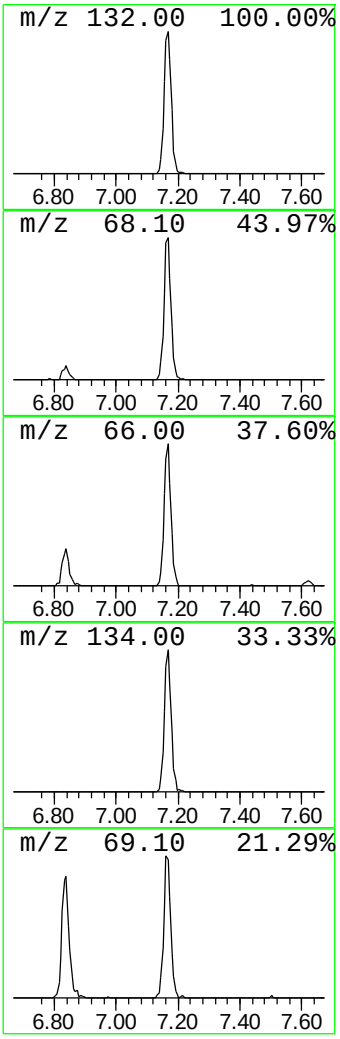
****

Peak Number 2 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	45.47 ng	401856	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

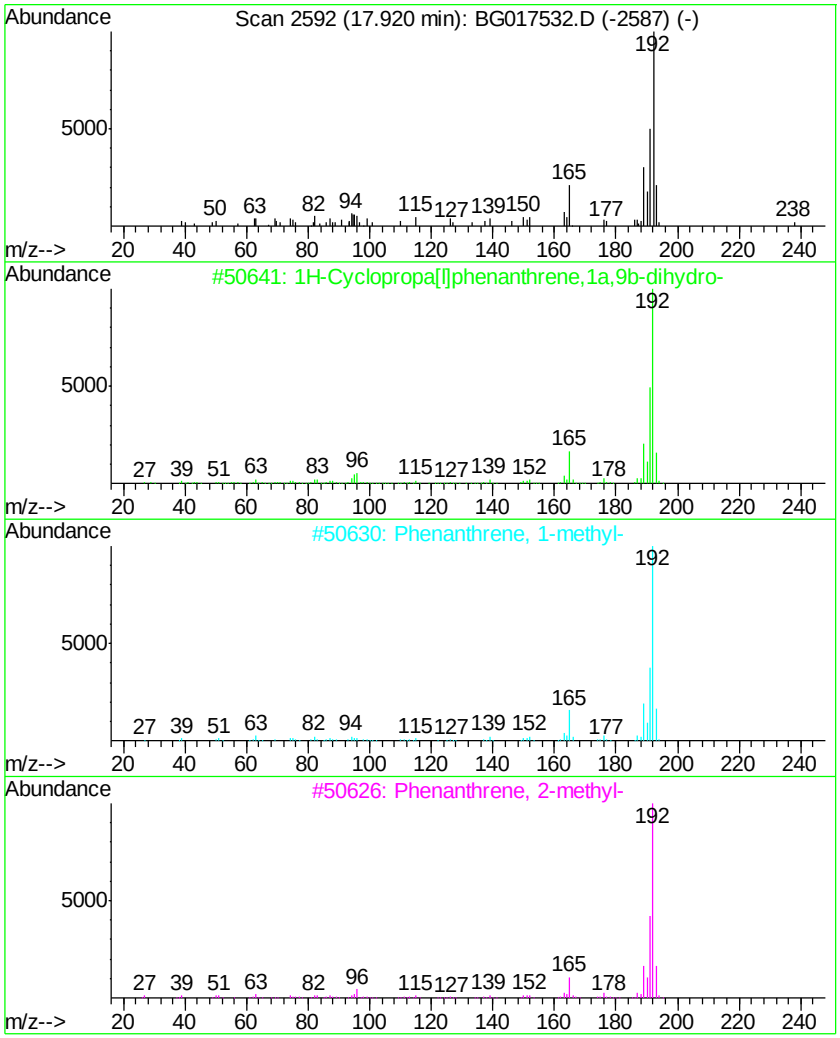
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

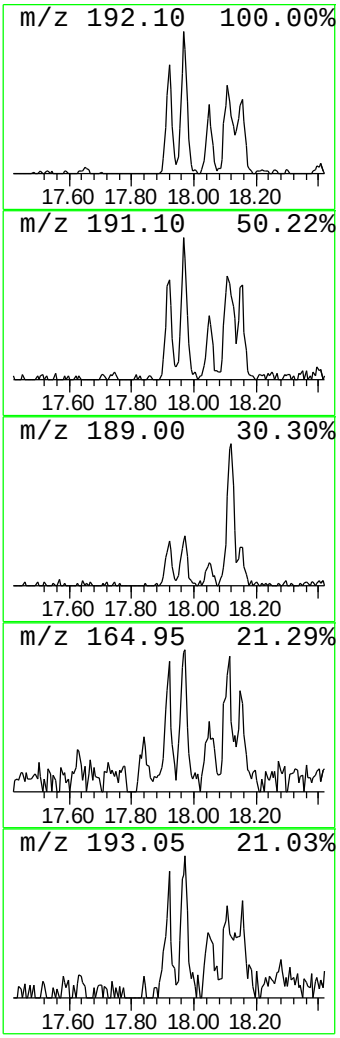
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.93 ng	49122	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	81
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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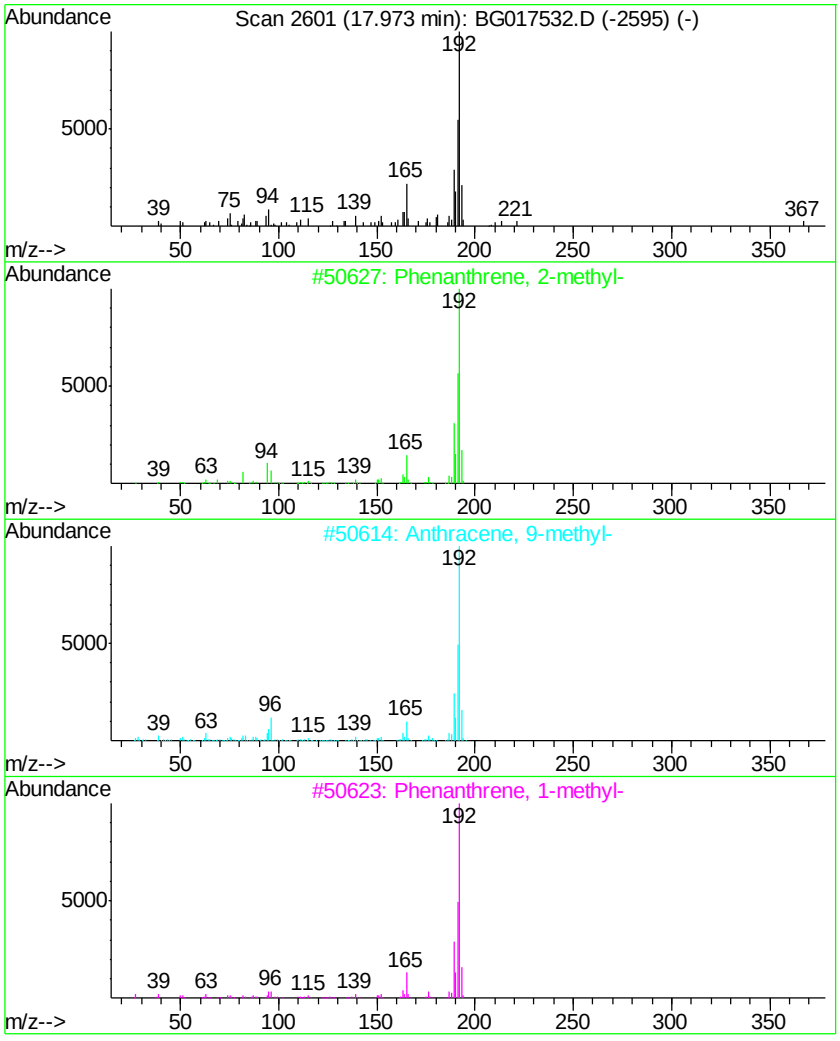
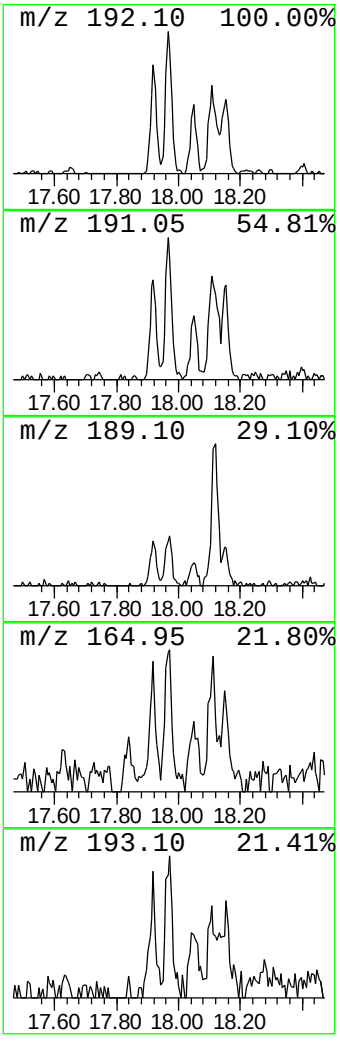
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.00 ng	100542	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
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Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

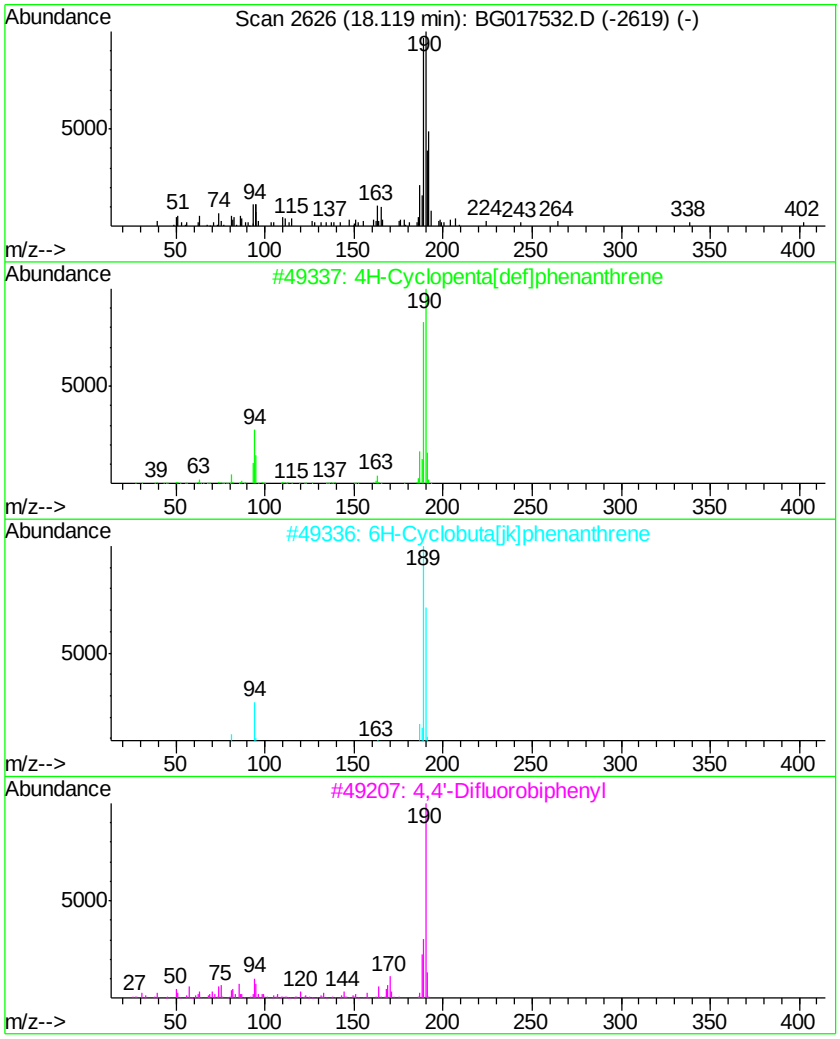
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

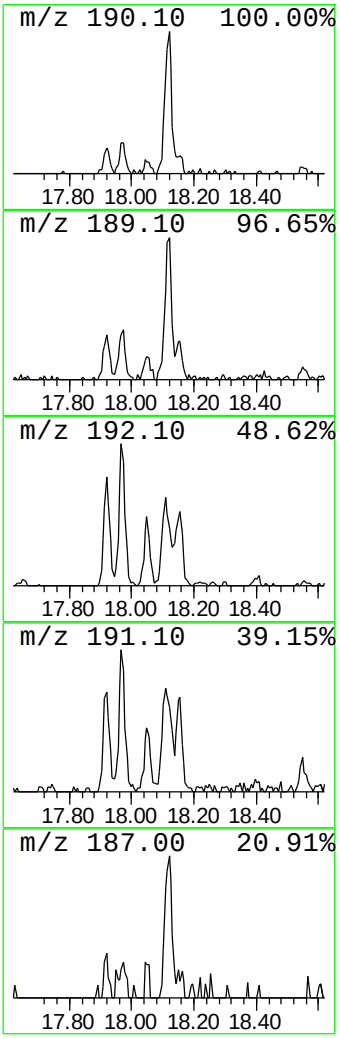
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	5.58 ng	93480	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23
4	2-Furancarboxaldehyde, 5-[(5-met...	190	C11H10O3	034995-74-9	14
5	Pyrido[3,4-d]pyrimidin-4(3H)-one...	189	C10H11N3O	022389-79-3	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

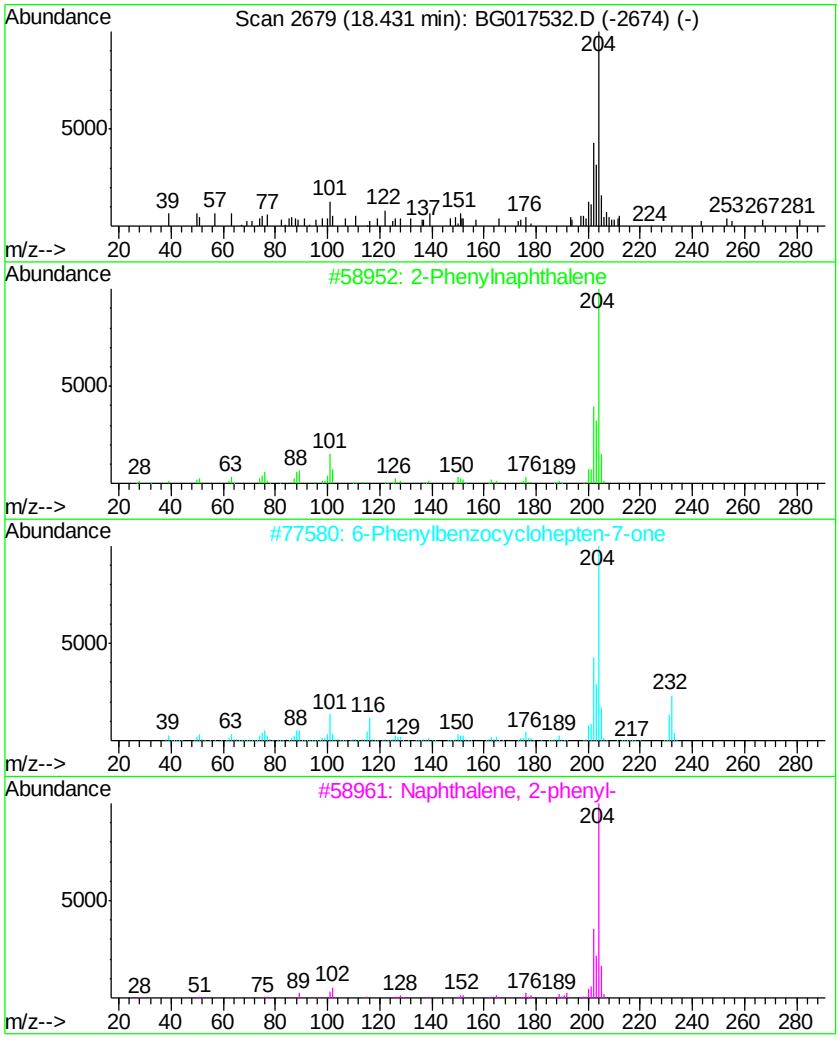
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

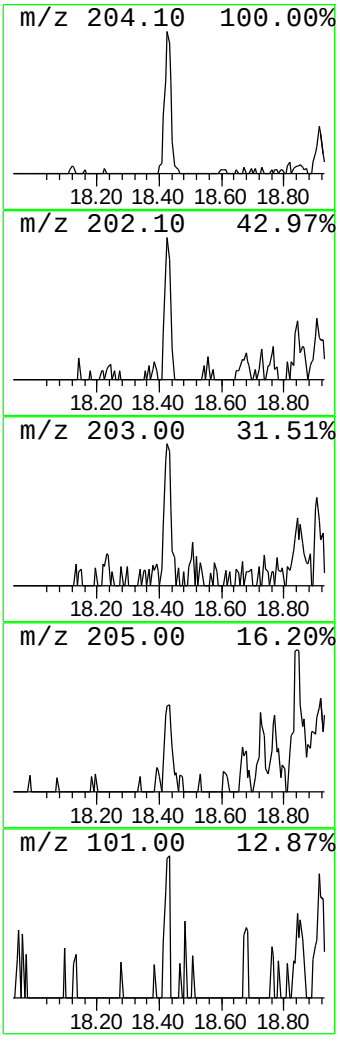
****

Peak Number 7 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.12 ng	35578	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
5	Imidazo[2,1-b]thiazole, 2,3,5,6-...	204	C11H12N2S	005036-02-2	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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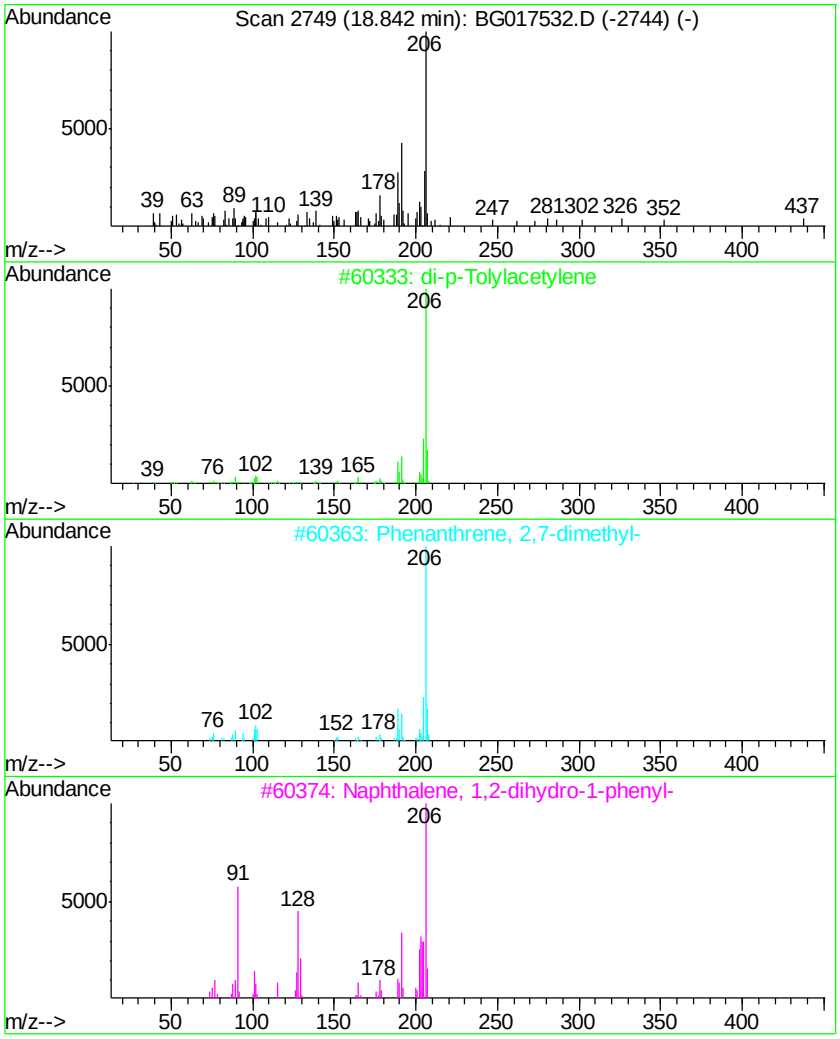
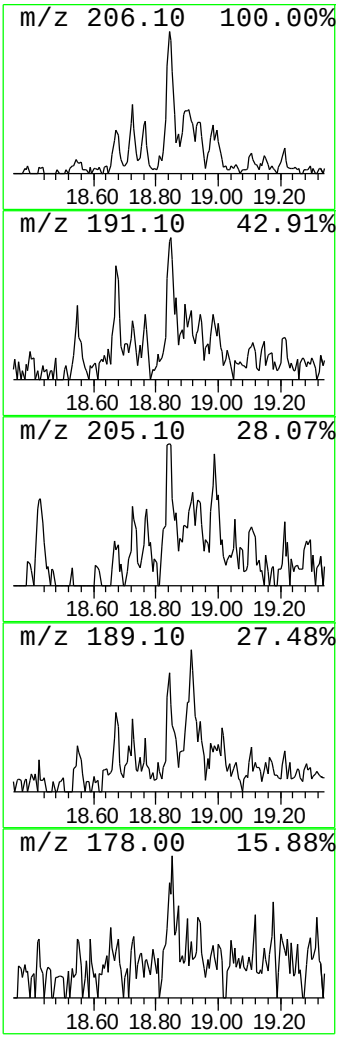
Peak Number 8 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.26 ng	54630	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	76
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	72





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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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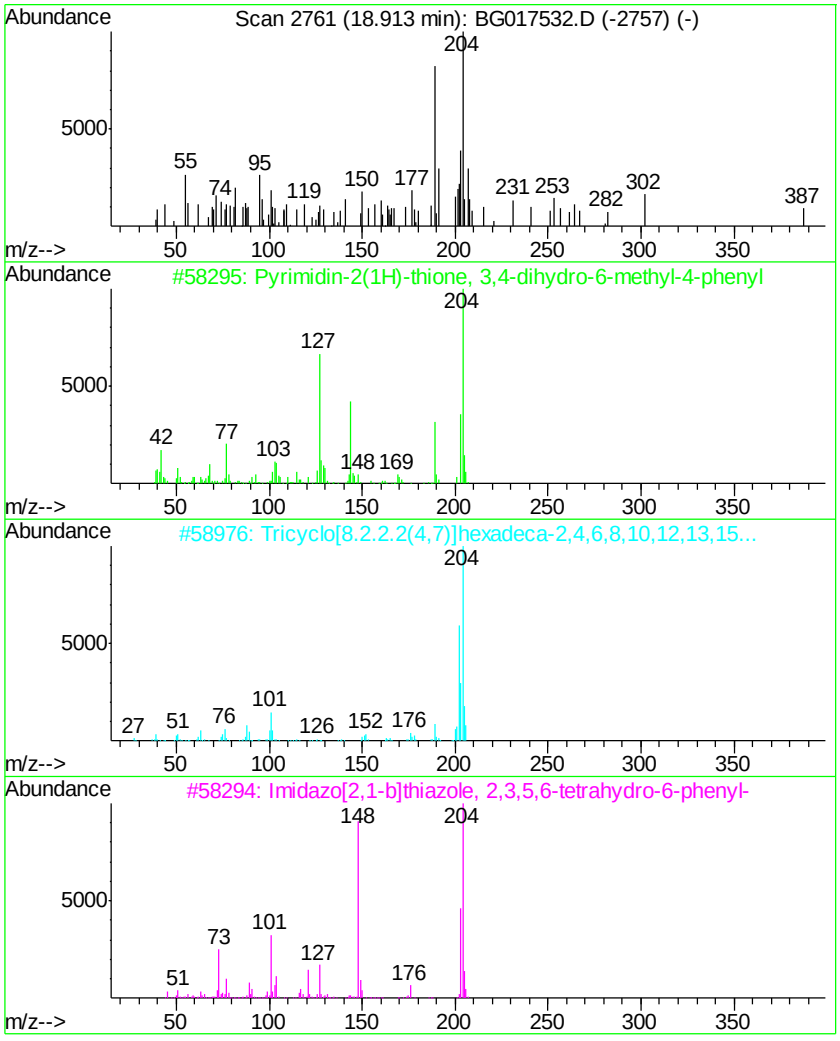
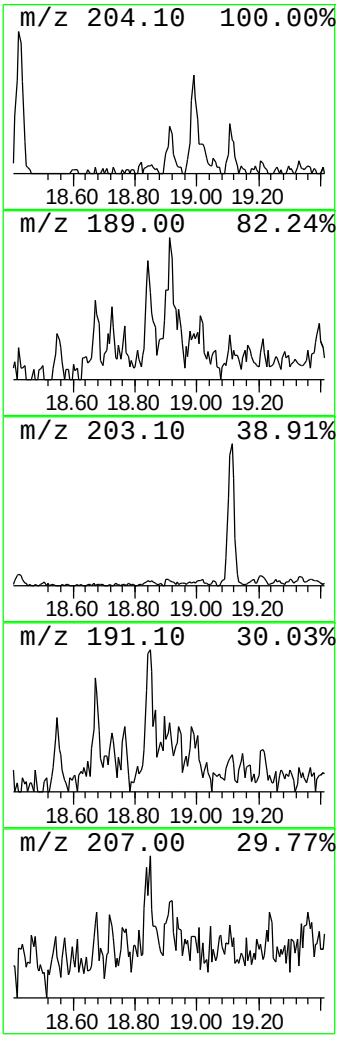
Peak Number 9 unknown18.91 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.12 ng	35539	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidin-2(1H)-thione, 3,4-dihy...	204	C11H12N2S	030570-19-5	30
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	27
3	Imidazo[2,1-b]thiazole, 2,3,5,6-...	204	C11H12N2S	006649-23-6	25
4	Imidazo[2,1-b]thiazole, 2,3,5,6-...	204	C11H12N2S	014769-73-4	25
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	22





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Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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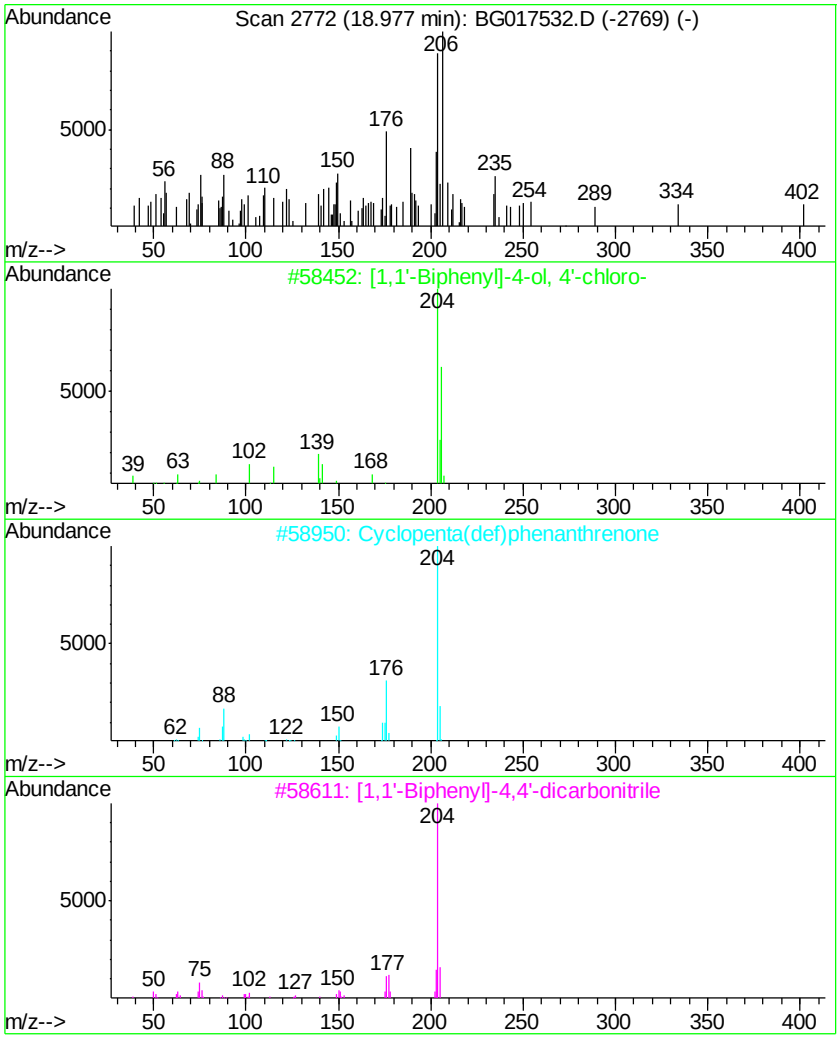
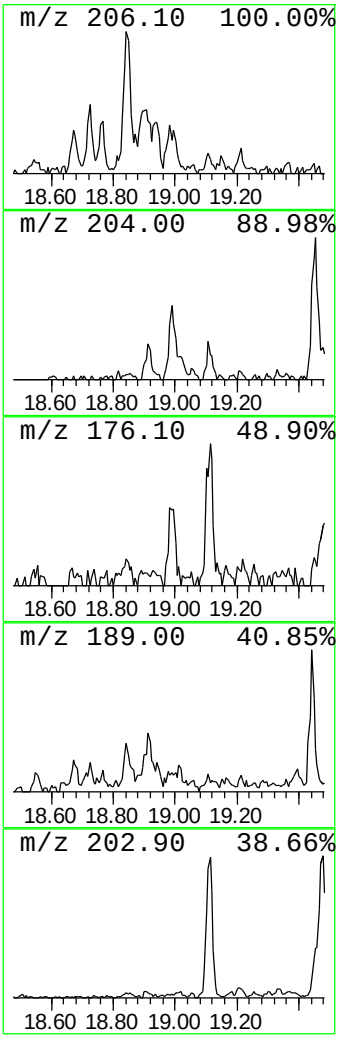
Peak Number 10 unknown18.98 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	3.78 ng	63343	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	41
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	38
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	35





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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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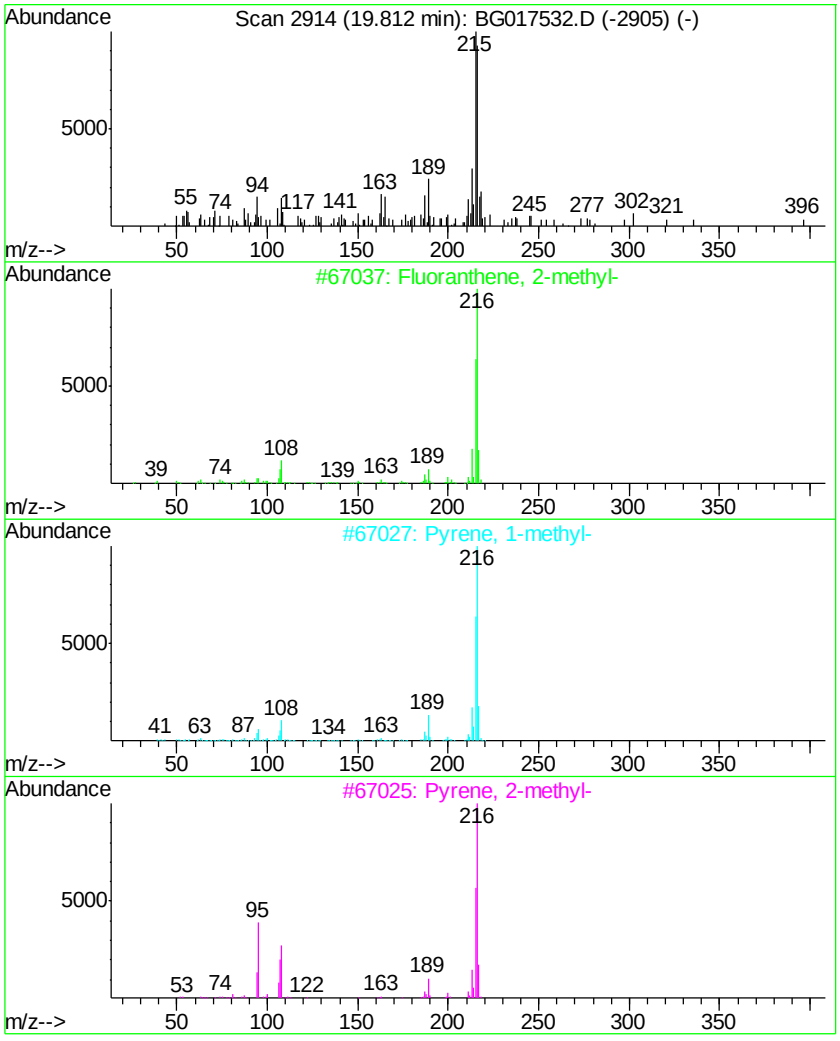
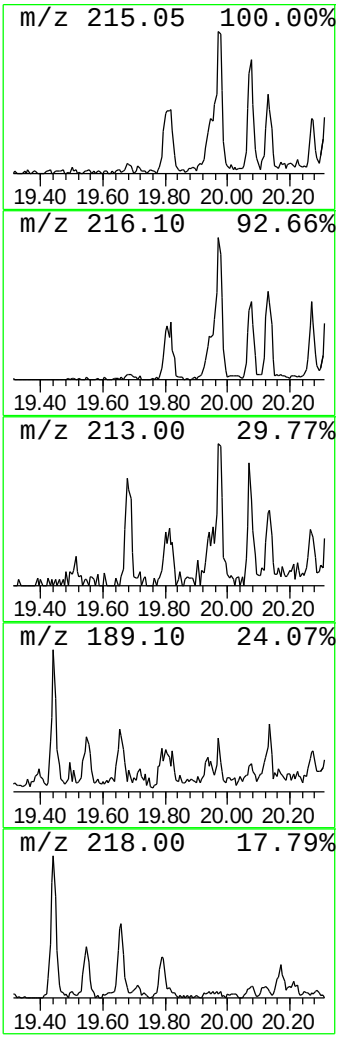
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.47 ng	84116	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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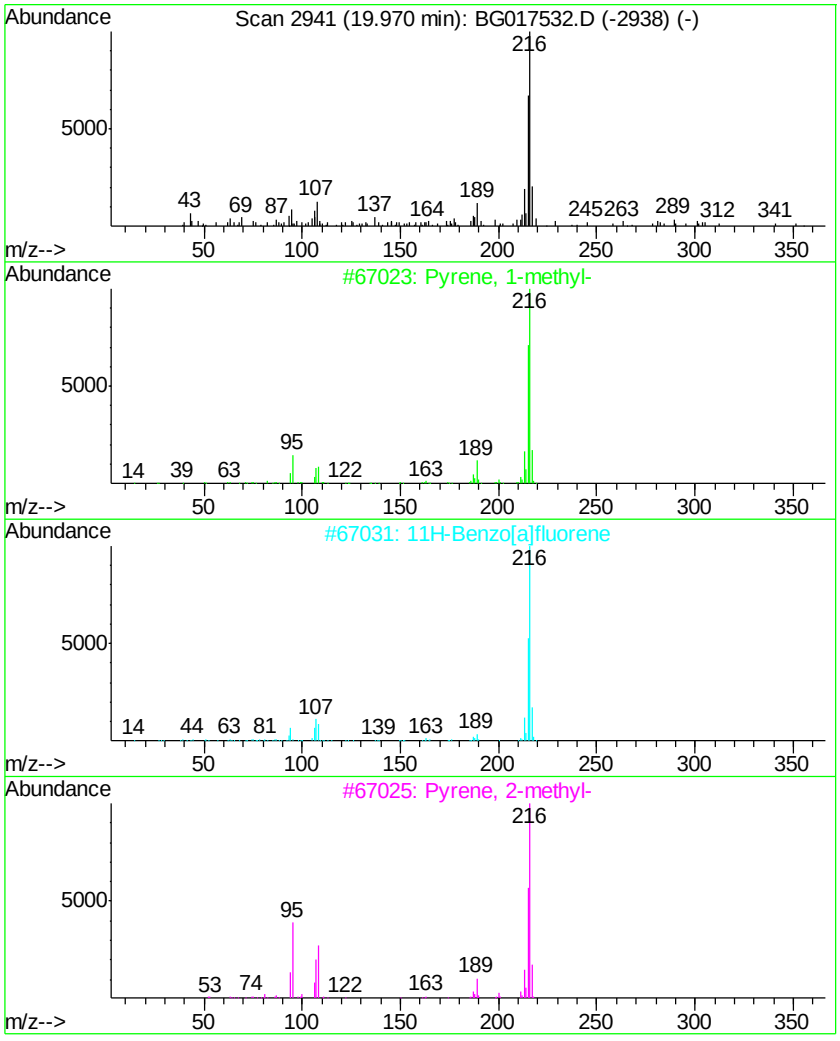
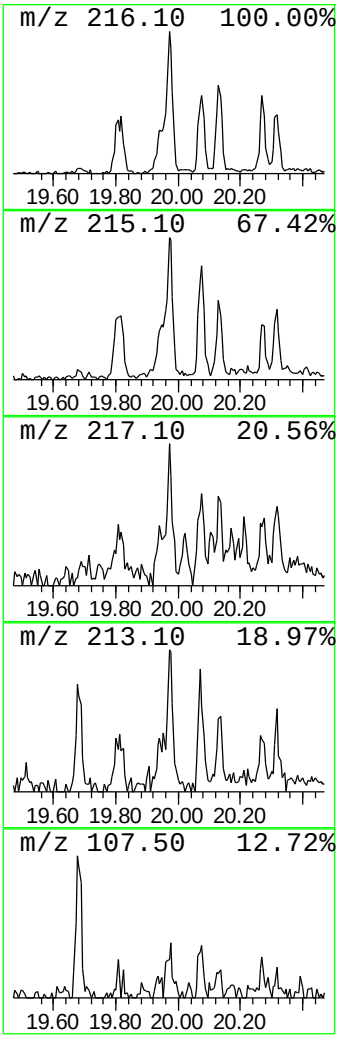
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.23 ng	76010	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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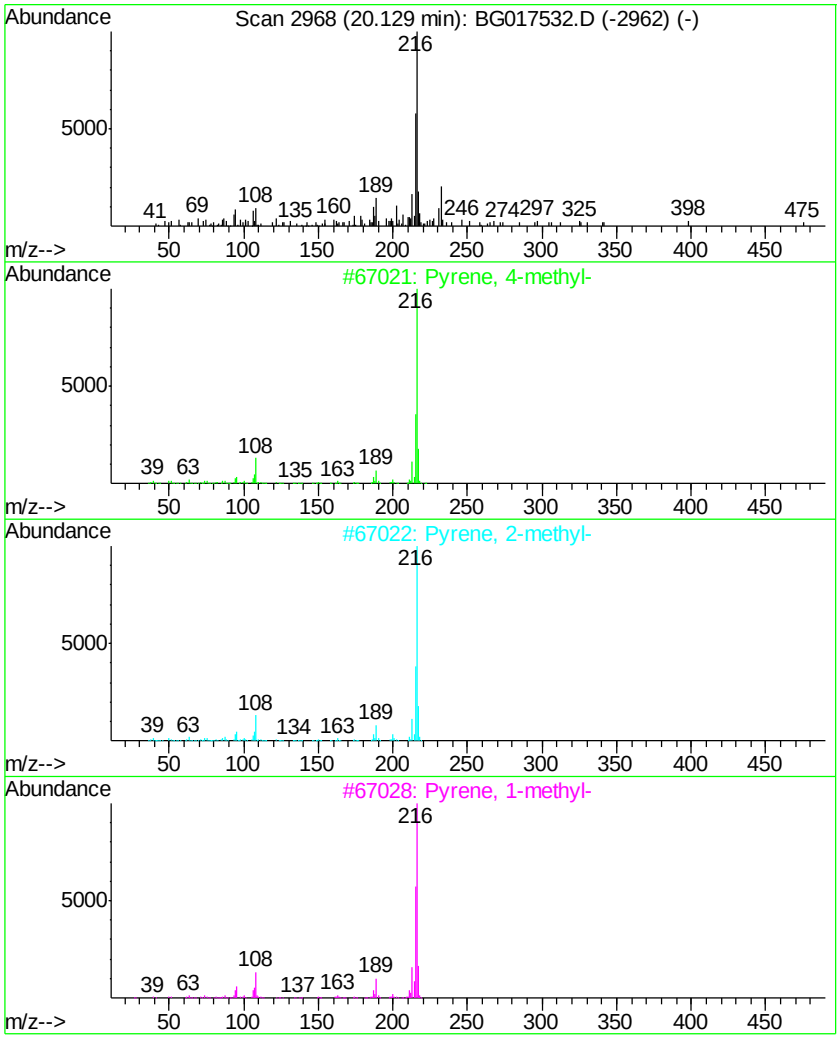
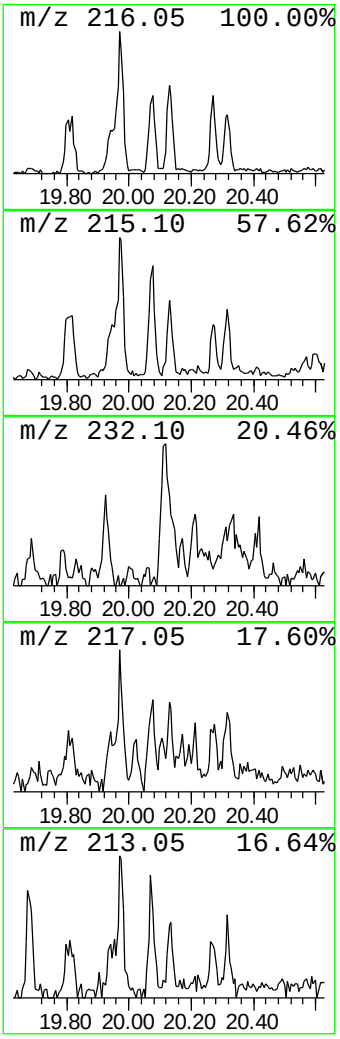
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.03 ng	69250	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





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Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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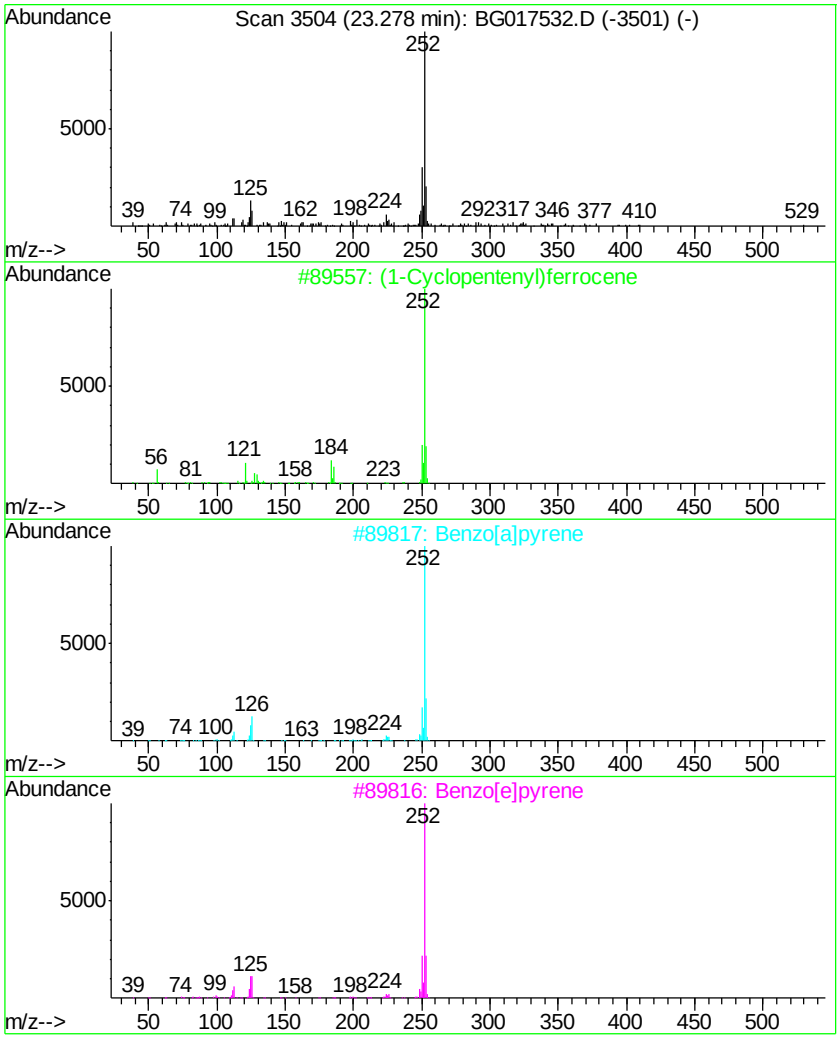
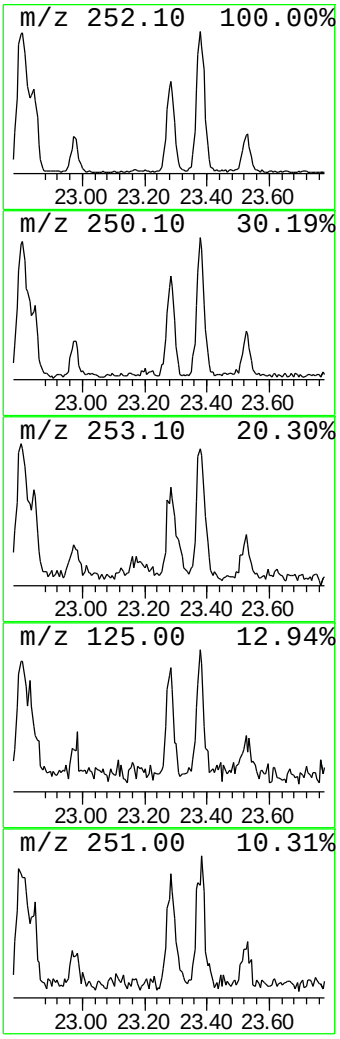
Peak Number 14 (1-Cyclopentenyl)ferrocene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	7.66 ng	116335	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Perylene	252	C20H12	000198-55-0	76
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017532.D
Acq On : 7 Jun 2015 13:24
Operator : TP/IZ
Sample : G2457-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown2.76	2.76	4.1	ng	36281	1	7.62	176772	20.0
unknown7.17	7.17	45.5	ng	401856	1	7.62	176772	20.0
1H-Cyclopropa[l]p...	17.92	2.9	ng	49122	4	17.04	335018	20.0
Phenanthrene, 2-m...	17.97	6.0	ng	100542	4	17.04	335018	20.0
4H-Cyclopenta[def...	18.12	5.6	ng	93480	4	17.04	335018	20.0
2-Phenylnaphthalene	18.43	2.1	ng	35578	4	17.04	335018	20.0
di-p-Tolylacetylene	18.84	3.3	ng	54630	4	17.04	335018	20.0
unknown18.91	18.91	2.1	ng	35539	4	17.04	335018	20.0
unknown18.98	18.98	3.8	ng	63343	4	17.04	335018	20.0
Fluoranthene, 2-m...	19.81	2.5	ng	84116	5	21.24	681702	20.0
Pyrene, 1-methyl-	19.97	2.2	ng	76010	5	21.24	681702	20.0
Pyrene, 4-methyl-	20.13	2.0	ng	69250	5	21.24	681702	20.0
(1-Cyclopentenyl)...	23.28	7.7	ng	116335	6	23.48	303813	20.0