LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

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-BG071715.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	2.843	20	26	32	rBV	117102	199488	6.46%	0.454%
2	4.717	339	345	354	rVB	373543	534498	17.30%	1.217%
3	5.176	416	423	430	rBV	719532	1035105	33.50%	2.357%
4	5.775	517	525	532	rVB	33953	54325	1.76%	0.124%
5	6.756	680	692	703	rBV	704671	1149027	37.19%	2.617%
6	7.103	744	751	762	rVB	796966	1251349	40.50%	2.850%
7	7.567	822	830	837	rBV	439167	708518	22.93%	1.614%
8	7.884	877	884	892	rVB	605626	965989	31.27%	2.200%
9	8.719	1020	1026	1034	rBV	432872	732831	23.72%	1.669%
10	10.346	1292	1303	1309	rBV	609946	1048929	33.95%	2.389%
11	11.386	1474	1480	1485	rBV	51834	79274	2.57%	0.181%
12	12.021	1584	1588	1597	rVB2	32633	55608	1.80%	0.127%
13	12.244	1619	1626	1633	rBV	34475	53554	1.73%	0.122%
14	12.767	1710	1715	1719	rVB2	35313	45435	1.47%	0.103%
15	12.843	1719	1728	1734	rBV	1197063	1765748	57.15%	4.022%
16	13.055	1754	1764	1771	rBV2	40744	73712	2.39%	0.168%
17	13.548	1842	1848	1852	rVV	53441	91207	2.95%	0.208%
18	13.595	1852	1856	1860	rVV	37852	53456	1.73%	0.122%
19	13.689	1867	1872	1876	rBV	208276	309782	10.03%	0.706%
20	13.725	1876	1878	1882	rVB2	53988	57718	1.87%	0.131%
21	13.783	1882	1888	1892	rBV4	27699	51368	1.66%	0.117%
22	13.948	1908	1916	1924	rVB3	34597	67648	2.19%	0.154%
23	14.142	1942	1949	1953	rBV	47726	68310	2.21%	0.156%
24	14.230	1954	1964	1970	rBV2	897832	1408698	45.59%	3.208%
25	14.294	1970	1975	1983	rVB	71569	131849	4.27%	0.300%
26	14.629	2023	2032	2040	rVV2	69039	136472	4.42%	0.311%
27	14.706	2040	2045	2051	rVB	40277	57313	1.86%	0.131%
28	14.770	2051	2056	2064	rBV4	47447	90700	2.94%	0.207%
29	14.853	2064	2070	2075	rBV2	49596	93089	3.01%	0.212%
30	14.905	2075	2079	2084	rVB2	29613	44948	1.45%	0.102%
31	15.023	2093	2099	2109	rBV4	55021	123154	3.99%	0.280%
32	15.099	2109	2112	2117	rBV	62644	77195	2.50%	0.176%
33	15.276	2138	2142	2147	rBV2	76086	118017	3.82%	0.269%
34	15.505	2175	2181	2186	rVV3	50199	89532	2.90%	0.204%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

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-BG071715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.581	2189	2194	2201	rVB3	44793	87470	2.83%	0.199%
36	15.728	2211	2219	2226	rVV	917762	1359158	43.99%	3.096%
37	15.804	2227	2232	2242	rVB5	30781	75153	2.43%	0.171%
38	15.963	2255	2259	2262	rBV3	125274	193833	6.27%	0.441%
39	16.292	2313	2315	2319	rVV3	30691	46594	1.51%	0.106%
40	16.521	2350	2354	2357	rBV2	39994	55797	1.81%	0.127%
41	16.639	2370	2374	2381	rBV4	46103	74100	2.40%	0.169%
42	16.715	2383	2387	2391	rVV3	45717	89304	2.89%	0.203%
43	16.762	2391	2395	2399	rVV2	114951	163806	5.30%	0.373%
44	16.809	2399	2403	2411	rVB3	73732	135862	4.40%	0.309%
45	16.985	2426	2433	2436	rBV	1034252	1485650	48.09%	3.384%
46	17.026	2436	2440	2445	rVB	773676	1019790	33.01%	2.323%
47	17.115	2451	2455	2460	rVB	185911	258818	8.38%	0.589%
48	17.173	2461	2465	2471	rBV3	47662	80838	2.62%	0.184%
49	17.297	2483	2486	2491	rVB3	43506	57413	1.86%	0.131%
50	17.391	2498	2502	2505	rBV	48976	61143	1.98%	0.139%
51	17.502	2517	2521	2526	rVB2	108257	132602	4.29%	0.302%
52	17.861	2578	2582	2585	rBV	129527	175209	5.67%	0.399%
53	17.908	2585	2590	2598	rVB	286141	448064	14.50%	1.020%
54	17.990	2599	2604	2608	rBV	76127	125662	4.07%	0.286%
55	18.049	2609	2614	2619	rVV2	247581	472284	15.29%	1.076%
56	18.090	2619	2621	2628	rVB	134384	169498	5.49%	0.386%
57	18.196	2635	2639	2646	rVV3	84146	129146	4.18%	0.294%
58	18.254	2647	2649	2654	rVB5	33912	45705	1.48%	0.104%
59	18.372	2664	2669	2672	rBV	123429	174296	5.64%	0.397%
60	18.407	2672	2675	2681	rVB	67414	91995	2.98%	0.210%
61	18.619	2708	2711	2715	rVB2	74889	91156	2.95%	0.208%
62	18.672	2716	2720	2723	rVV	66519	101434	3.28%	0.231%
63	18.707	2723	2726	2730	rVB	67793	87218	2.82%	0.199%
64	18.789	2735	2740	2745	rBV	216487	325080	10.52%	0.740%
65	18.842	2745	2749	2754	rVV4	141316	273638	8.86%	0.623%
66	18.883	2754	2756	2760	rVV	78150	83551	2.70%	0.190%
67	18.930	2760	2764	2773	rVB3	109132	210035	6.80%	0.478%
68	19.054	2780	2785	2792	rBV	1491631	2073018	67.10%	4.721%
69	19.124	2794	2797	2800	rBV	50483	68234	2.21%	0.155%
70	19.330	2829	2832	2838	rVB4	77008	117070	3.79%	0.267%
71	19.418	2838	2847	2855	rBV	1494694	2508587	81.19%	5.713%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

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-BG071715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.500	2857	2861	2867	rVB2	141287	260090	8.42%	0.592%
73	19.600	2874	2878	2879	rBV2	71385	92235	2.99%	0.210%
74	19.629	2879	2883	2894	rVB	1755869	2447903	79.23%	5.575%
75	19.747	2898	2903	2915	rBV7	133969	381605	12.35%	0.869%
76	19.835	2915	2918	2920	rBV3	39562	47575	1.54%	0.108%
77	19.882	2923	2926	2929	rVV5	97695	169793	5.50%	0.387%
78	19.917	2929	2932	2936	rVB	219431	297444	9.63%	0.677%
79	19.958	2936	2939	2942	rBV3	81491	89118	2.88%	0.203%
80	20.017	2946	2949	2953	rBV	127760	163229	5.28%	0.372%
81	20.076	2954	2959	2963	rVB2	163954	260387	8.43%	0.593%
82	20.217	2979	2983	2986	rBV	116269	151497	4.90%	0.345%
83	20.264	2987	2991	2995	rVB	114539	171535	5.55%	0.391%
84	20.669	3056	3060	3066	rVB	168876	257169	8.32%	0.586%
85	20.869	3092	3094	3097	rBV	104449	108658	3.52%	0.247%
86	20.916	3098	3102	3106	rVV3	203694	299054	9.68%	0.681%
87	21.186	3141	3148	3152	rBV2	1685542	3089593	100.00%	7.037%
88	21.222	3152	3154	3164	rVB	740203	996029	32.24%	2.269%
89	21.339	3171	3174	3181	rBV2	178929	306818	9.93%	0.699%
90	21.498	3197	3201	3205	rVB3	97307	164425	5.32%	0.374%
91	21.733	3238	3241	3245	rVB	169167	208624	6.75%	0.475%
92	21.780	3246	3249	3254	rVB	171142	218094	7.06%	0.497%
93	22.238	3324	3327	3335	rVB6	171524	309146	10.01%	0.704%
94	22.743	3406	3413	3417	rBV	757845	1672160	54.12%	3.808%
95	22.908	3437	3441	3446	rVB	154297	236668	7.66%	0.539%
96	23.213	3487	3493	3501	rVB	461367	900113	29.13%	2.050%
97	23.307	3503	3509	3517	rVB	681403	1256078	40.66%	2.861%
98	23.407	3519	3526	3531	rBV2	947595	1769304	57.27%	4.030%
99	25.646	3900	3907	3919	rVB2	309900	927664	30.03%	2.113%
100	26.333	4019	4024	4035	rVB	240134	682843	22.10%	1.555%

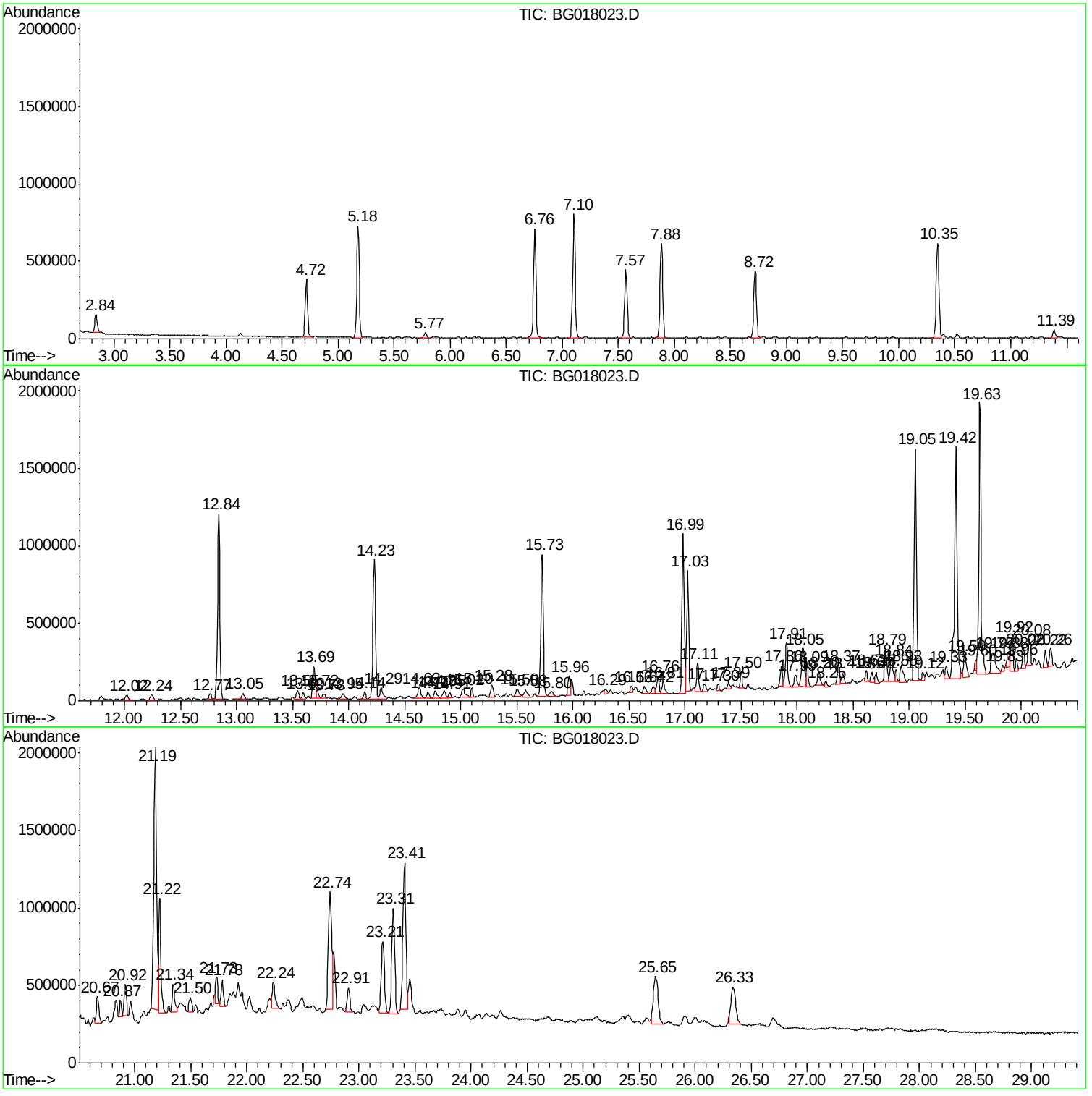
Sum of corrected areas: 43906908

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

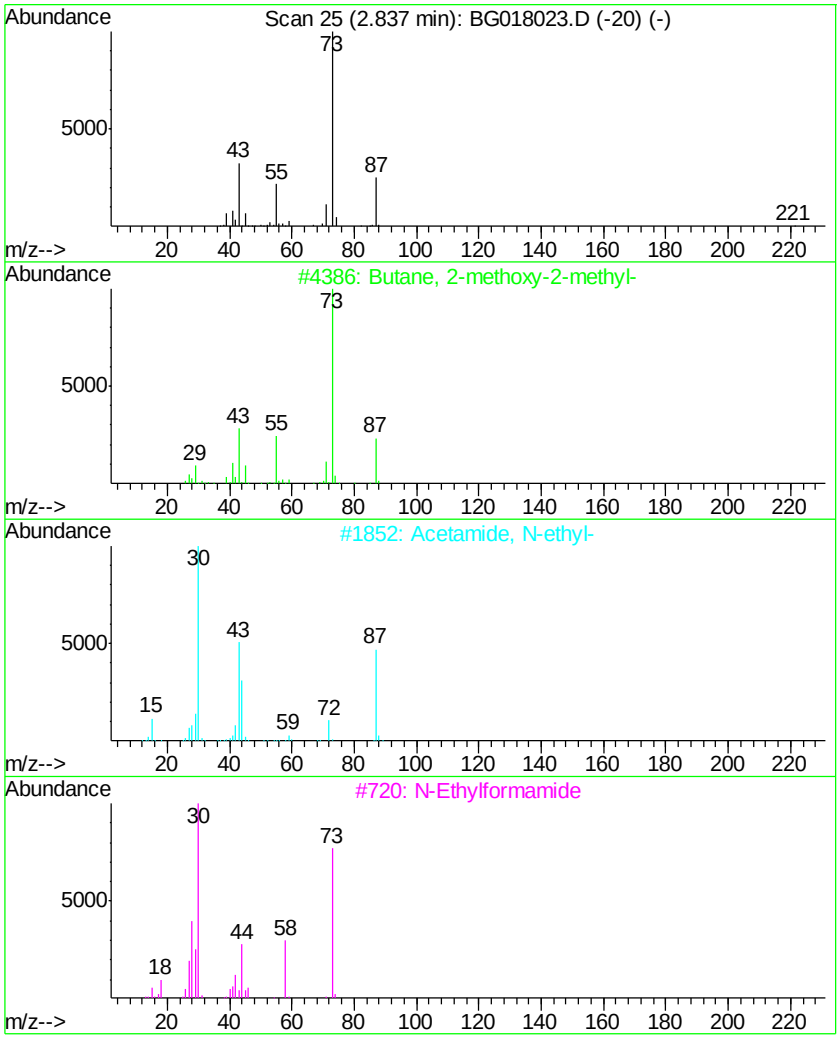
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

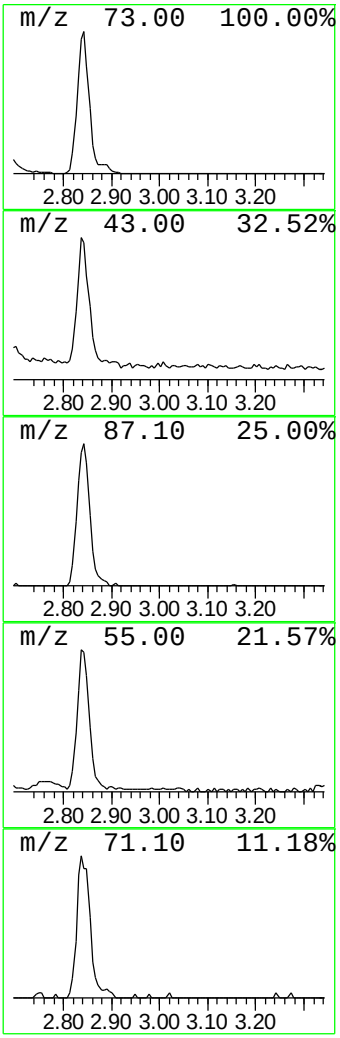
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.63 ng	199488	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	5
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	4





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

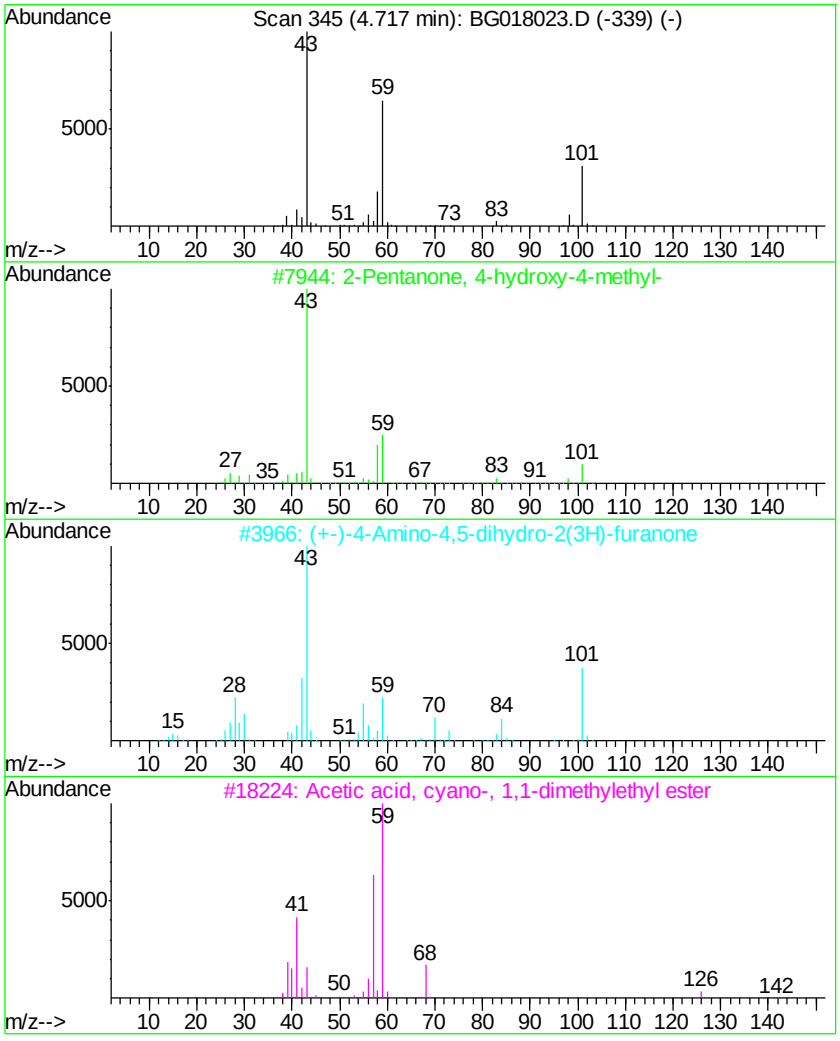
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

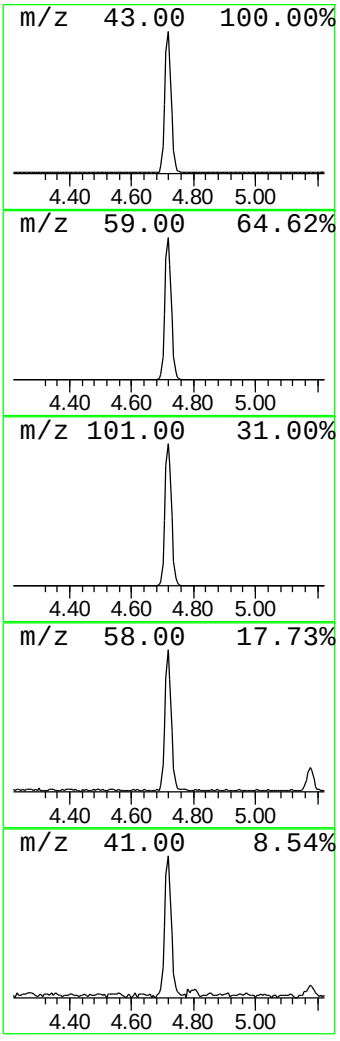
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	15.09 ng	534498	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

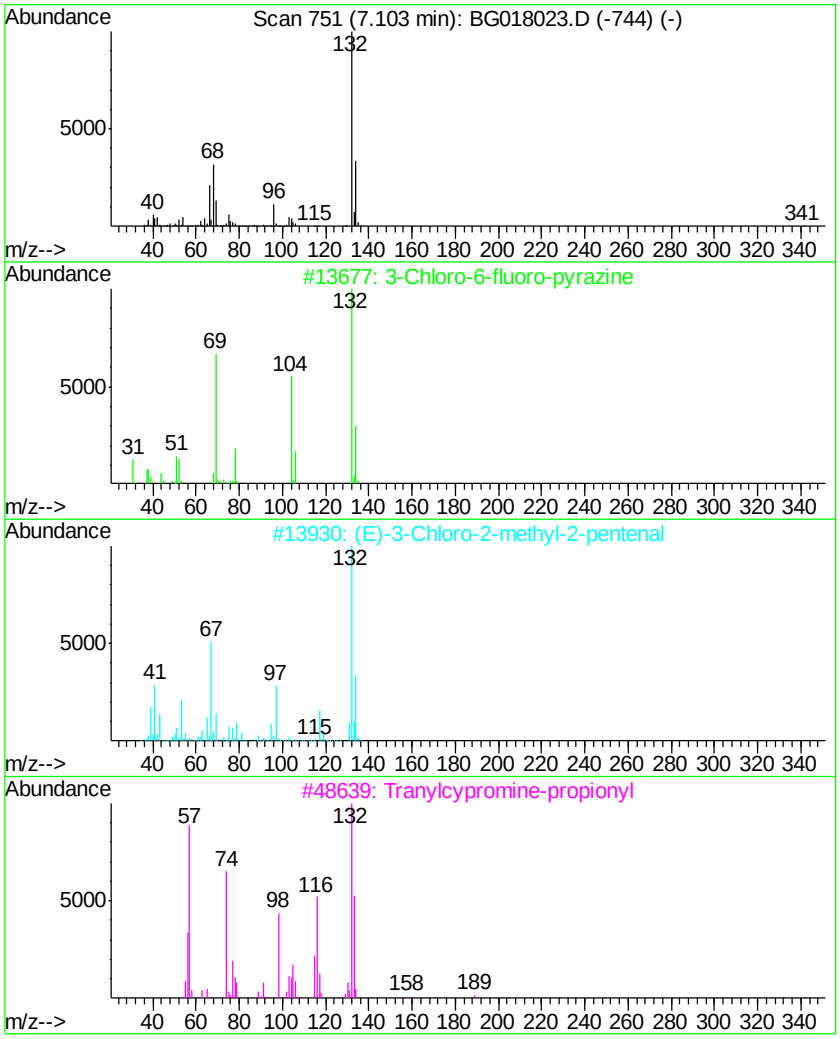
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

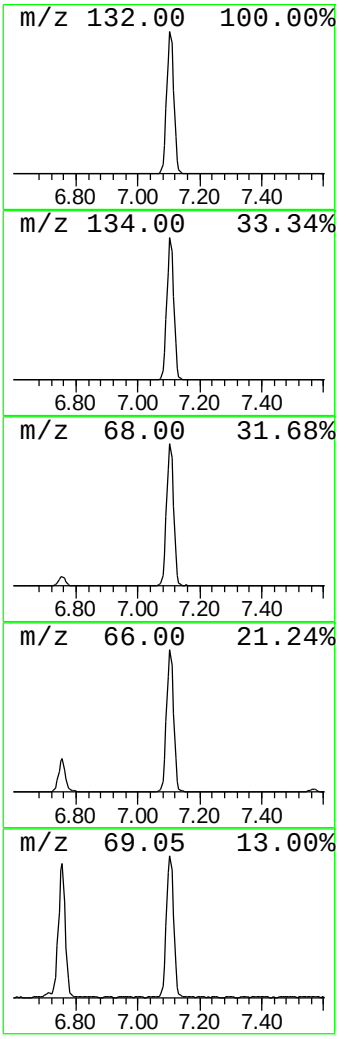
****

Peak Number 3 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	35.32 ng	1251350	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

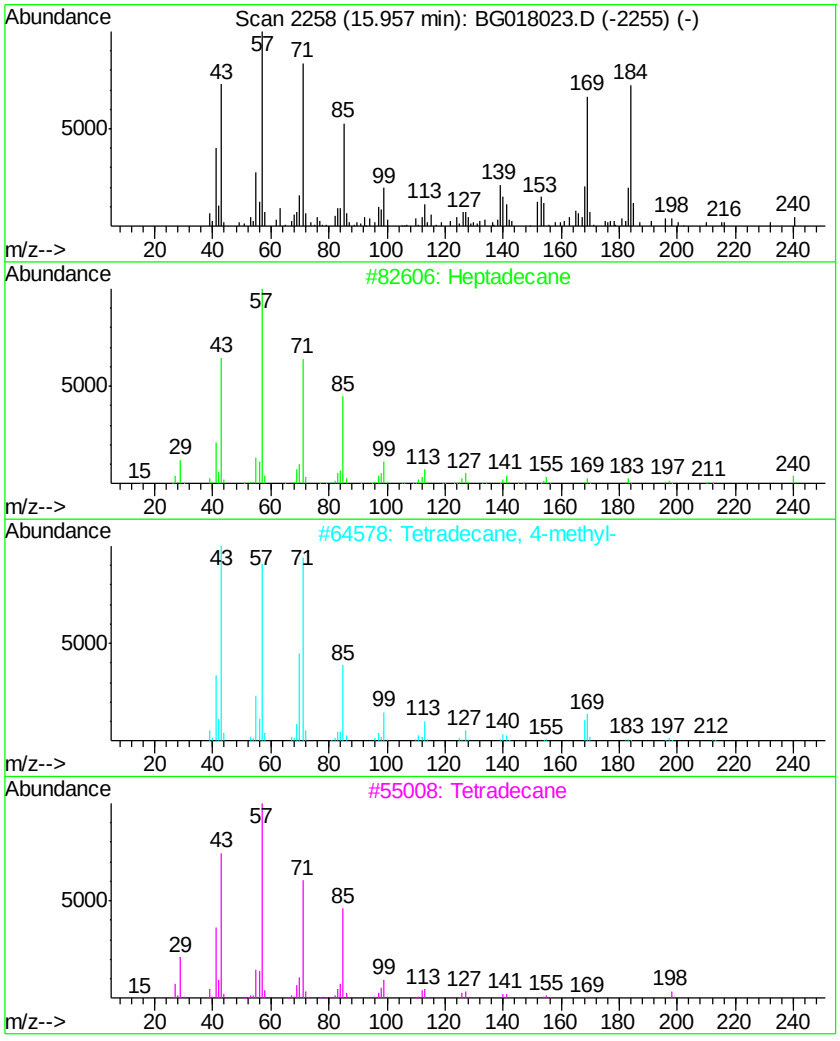
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

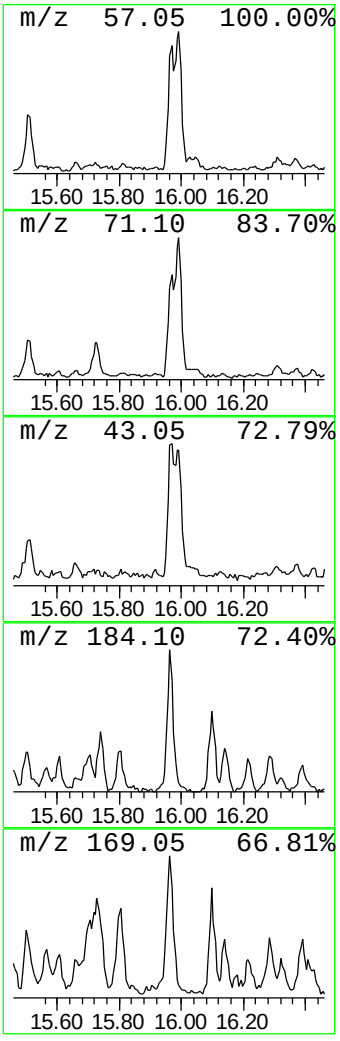
****

Peak Number 5 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.61 ng	193833	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	50
3	Tetradecane	198	C14H30	000629-59-4	50
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	42
5	Dodecane	170	C12H26	000112-40-3	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

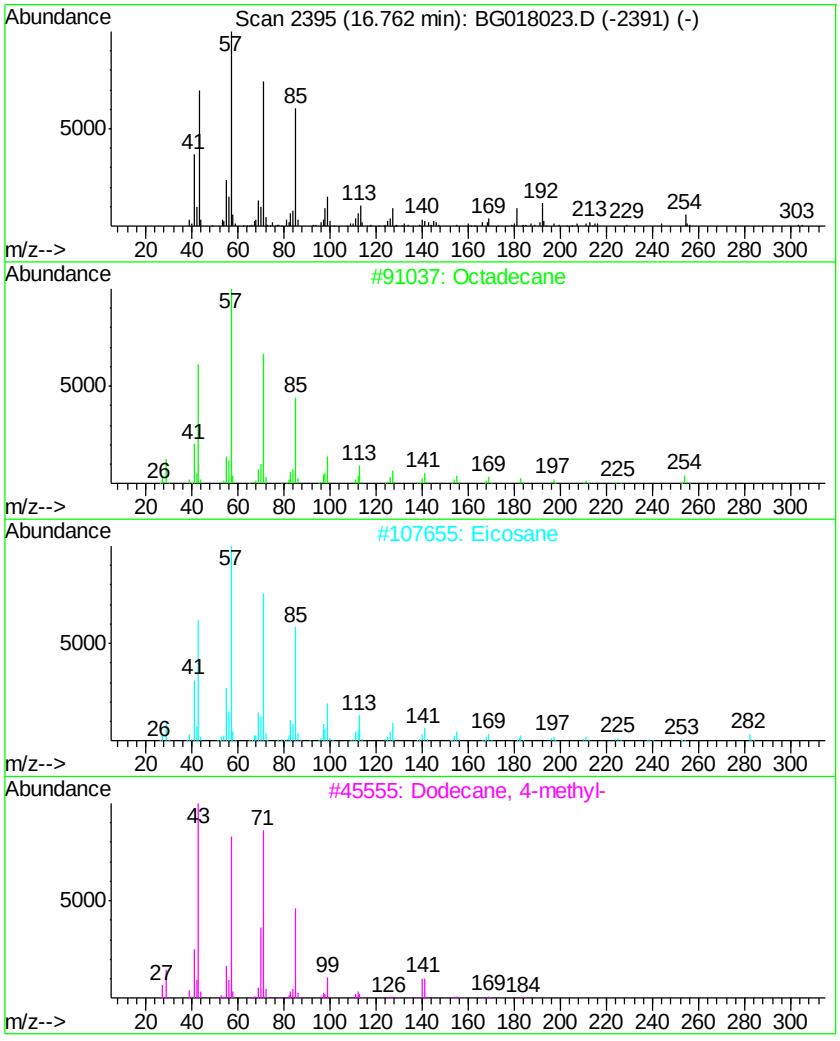
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

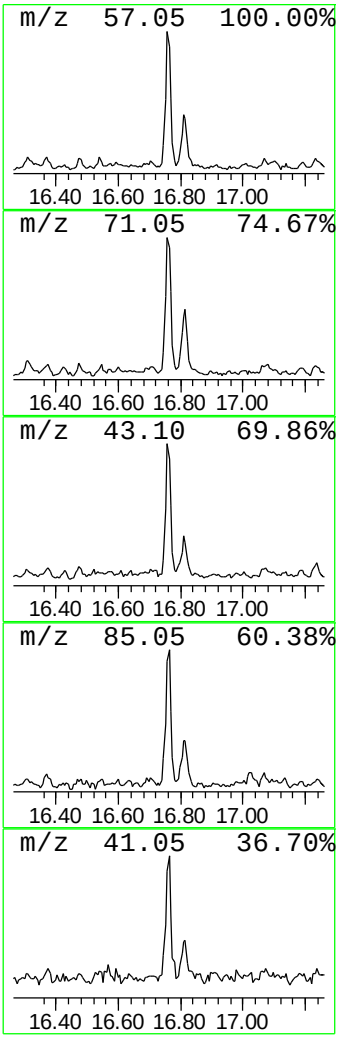
****

Peak Number 6 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.21 ng	163806	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Eicosane	282	C20H42	000112-95-8	83
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
4	Nonadecane	268	C19H40	000629-92-5	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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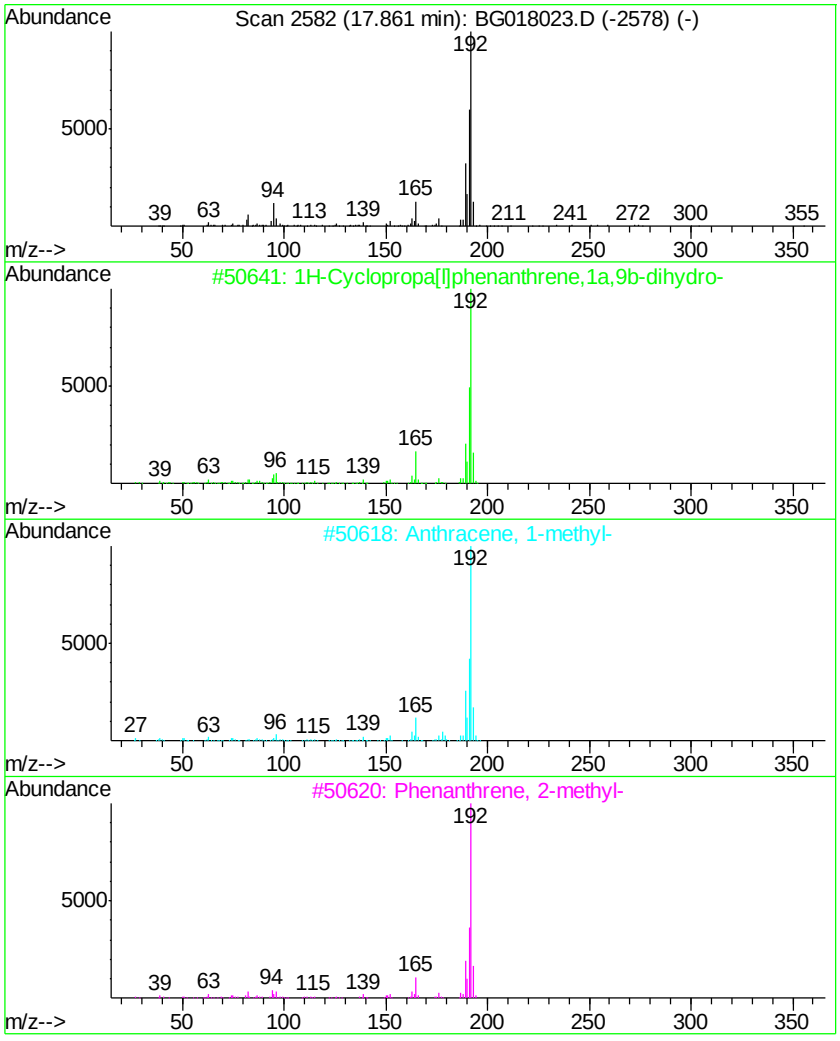
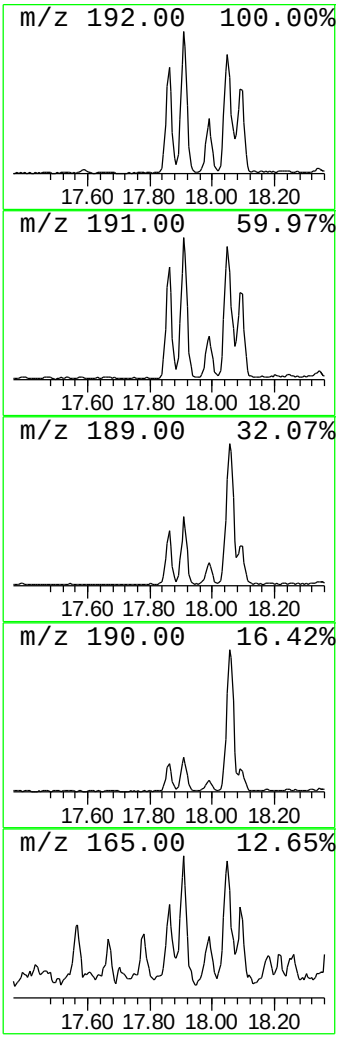
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.36 ng	175209	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

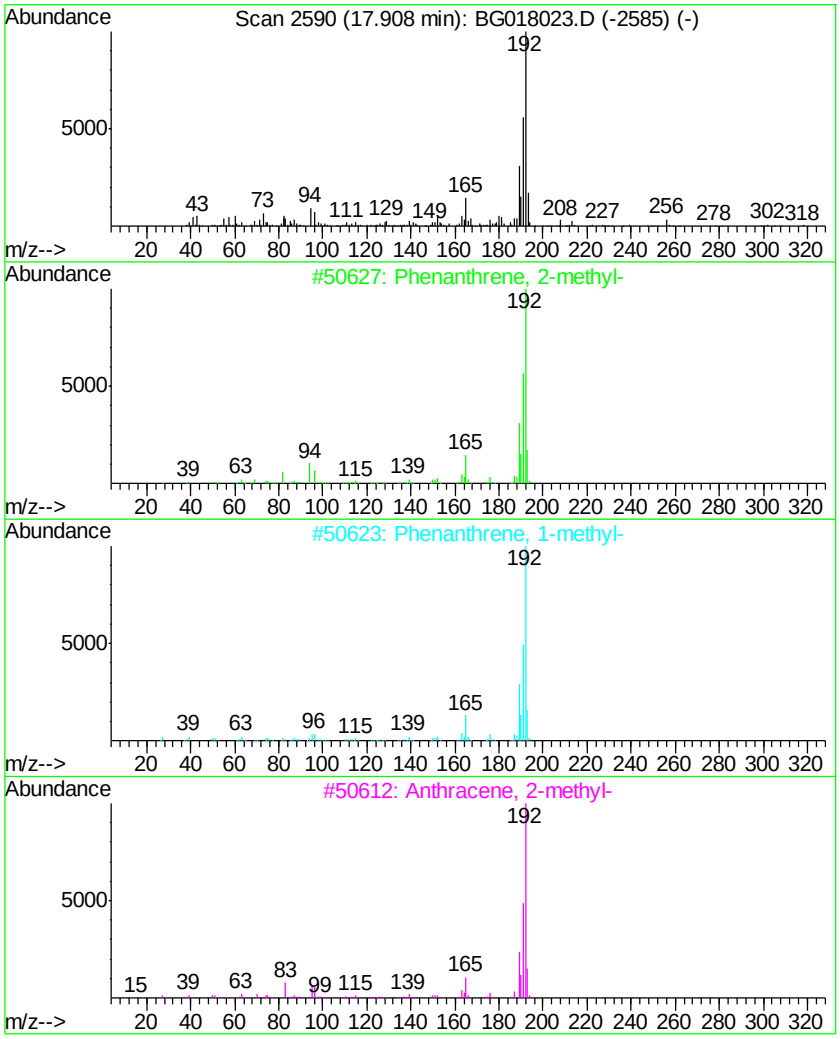
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

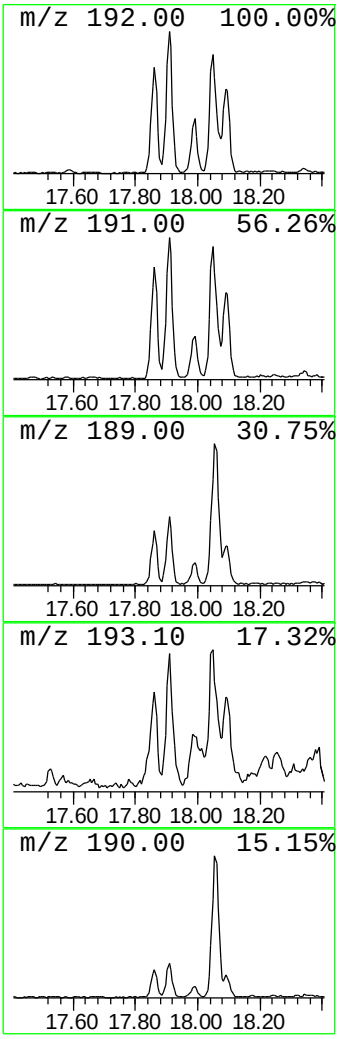
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	6.03 ng	448064	Phenanthrene-d10	16.99

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

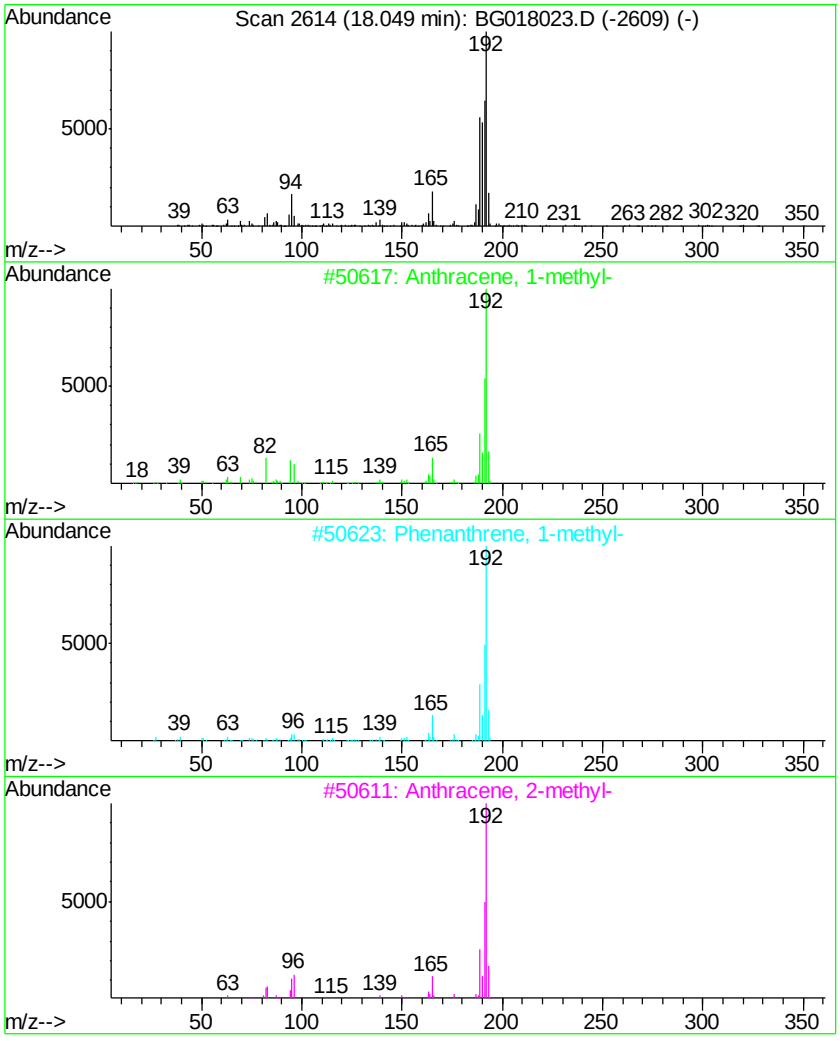
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

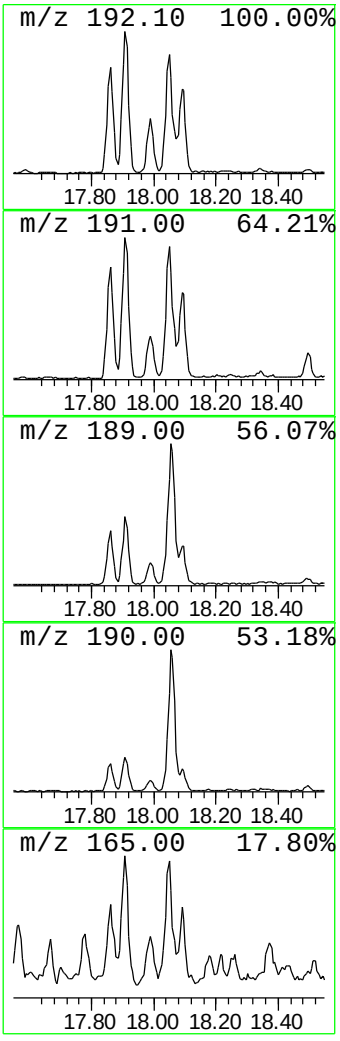
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.36 ng	472284	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

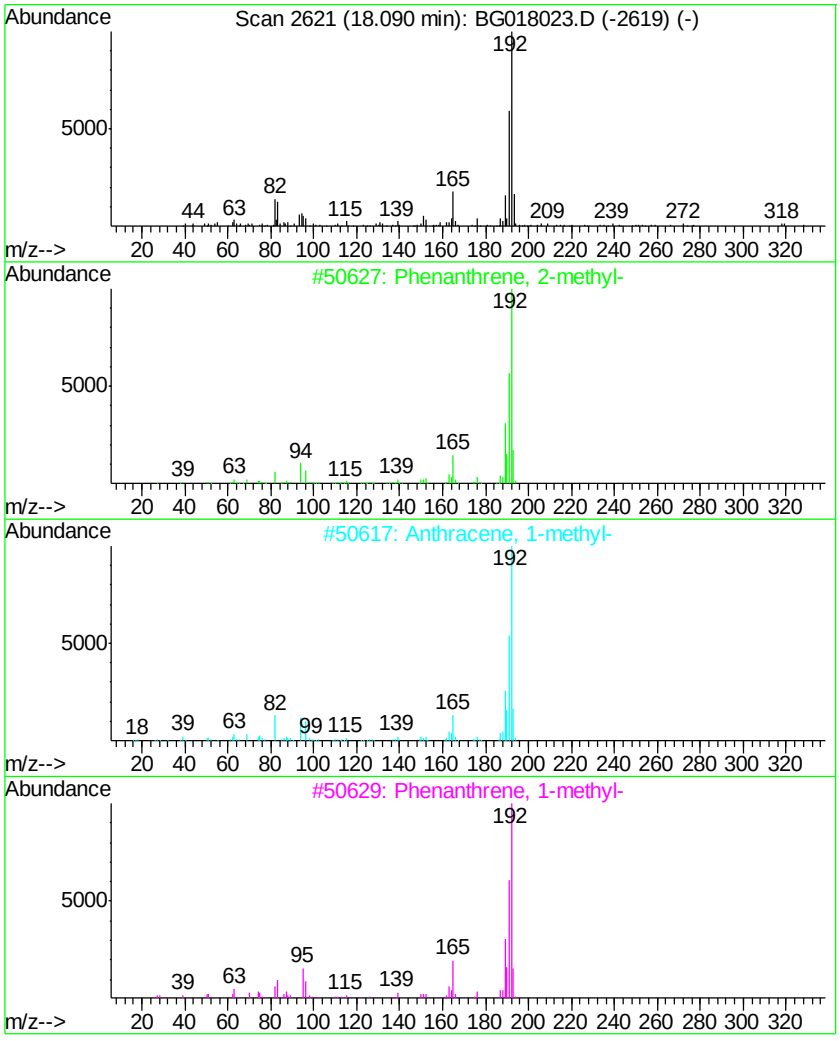
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

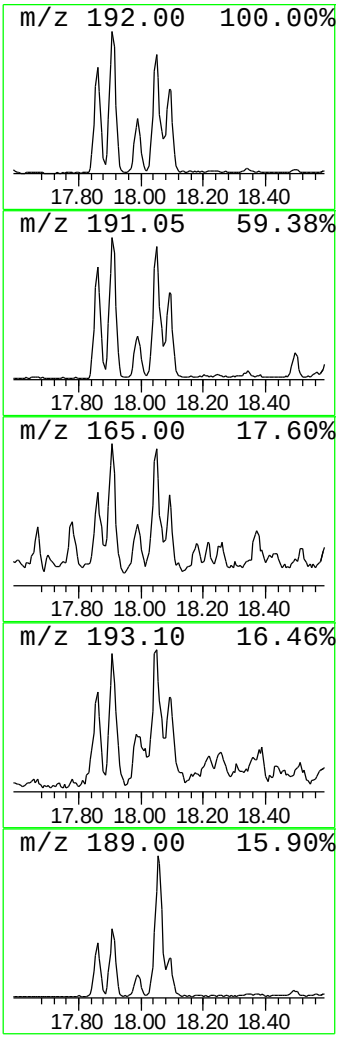
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.28 ng	169498	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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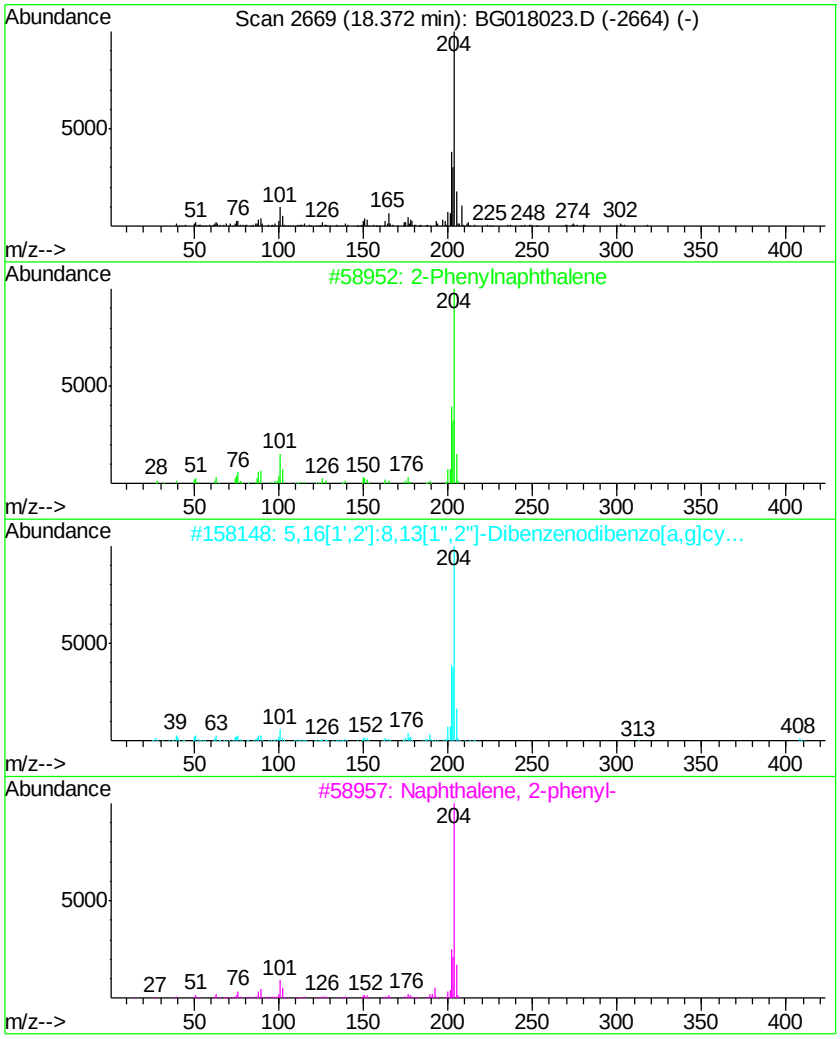
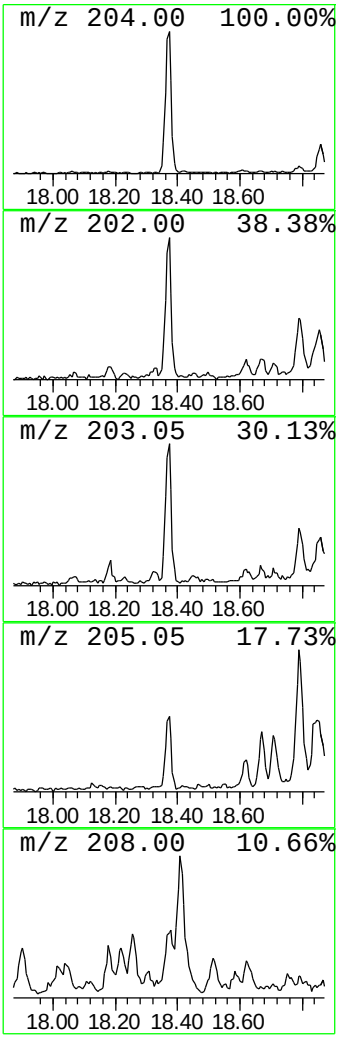
Peak Number 11 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.35 ng	174296	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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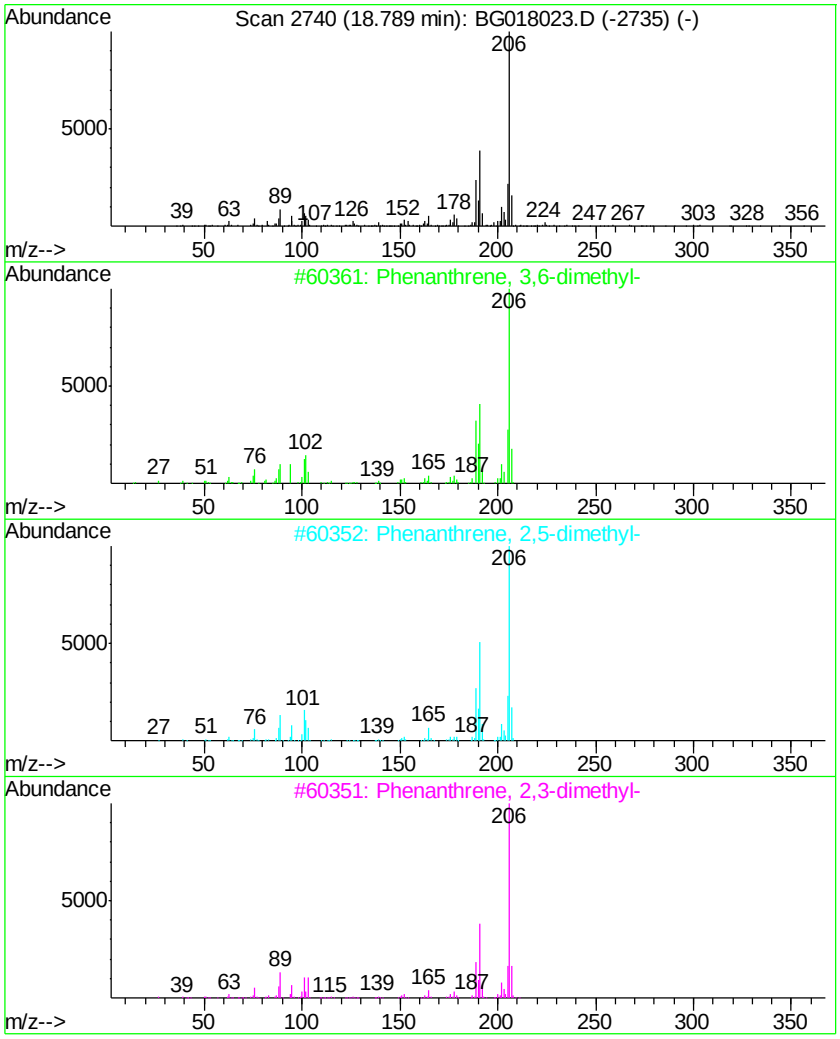
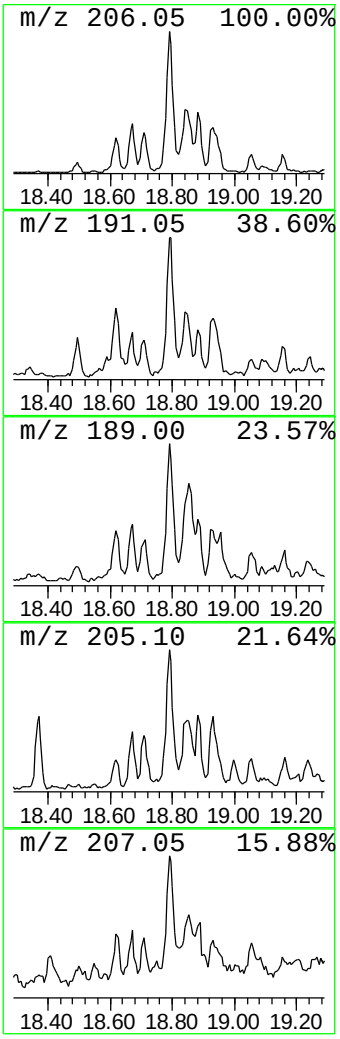
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	4.38 ng	325080	Phenanthrene-d10	16.99

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





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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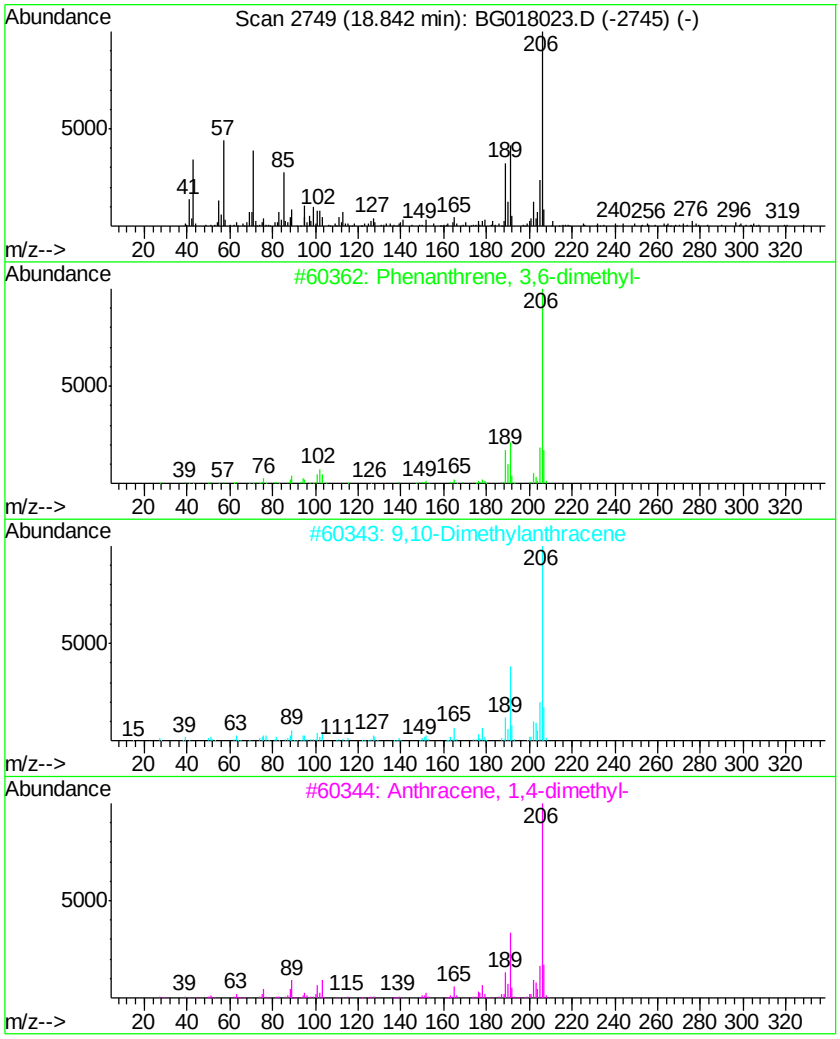
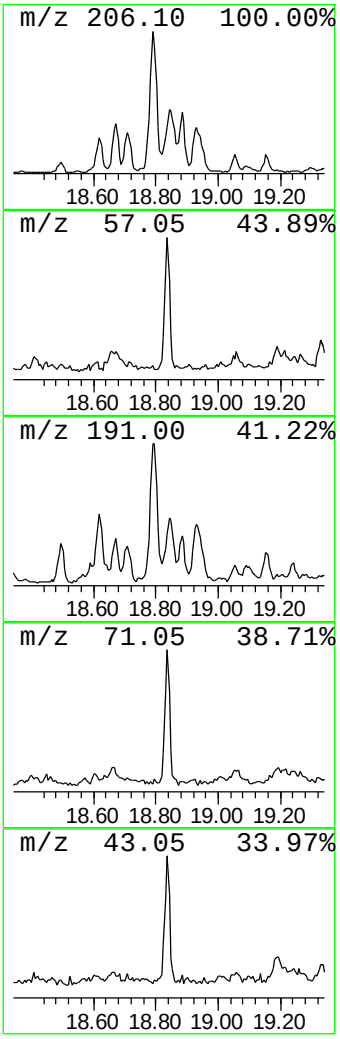
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.68 ng	273638	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	53
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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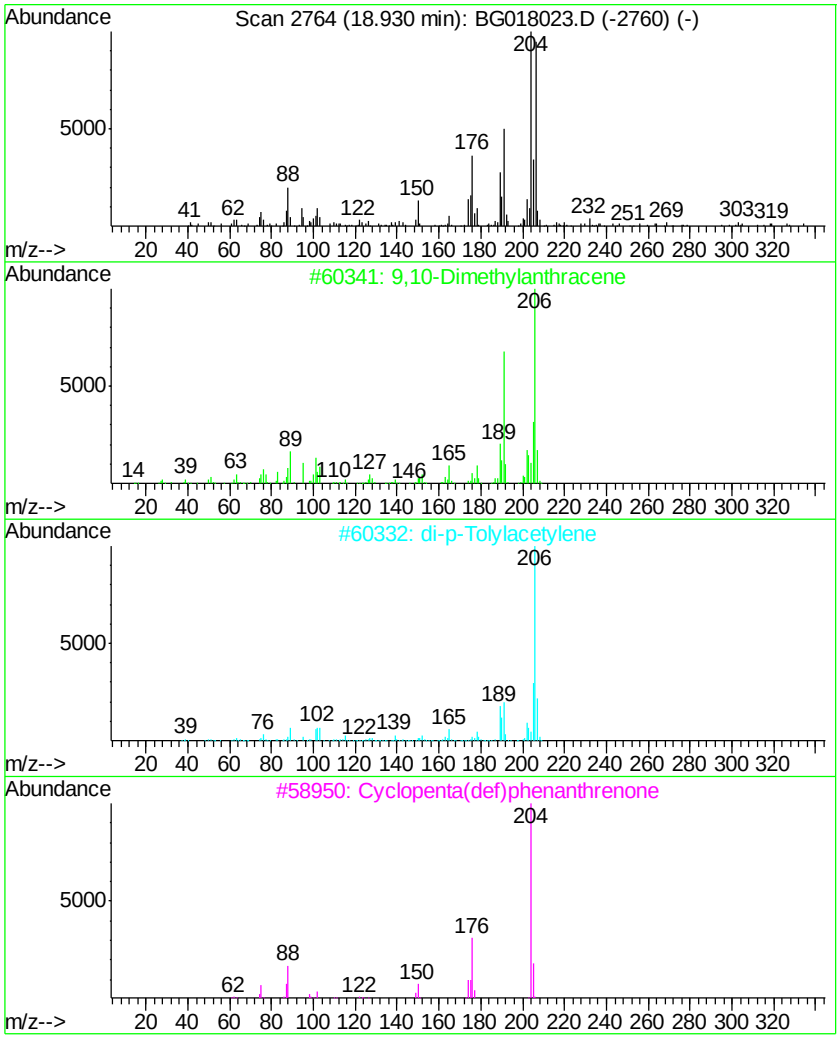
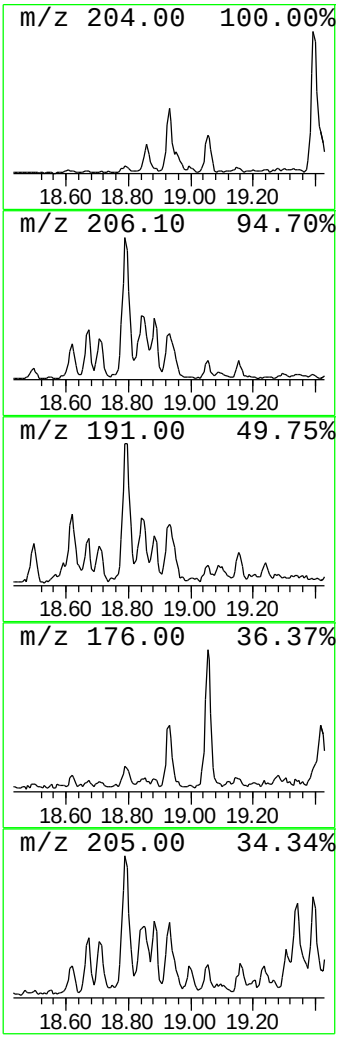
Peak Number 14 unknown18.93 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.83 ng	210035	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	42
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
5	Benzene, 1,1'-(1-cyclobutene-1,2...	206	C16H14	003306-02-3	38





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Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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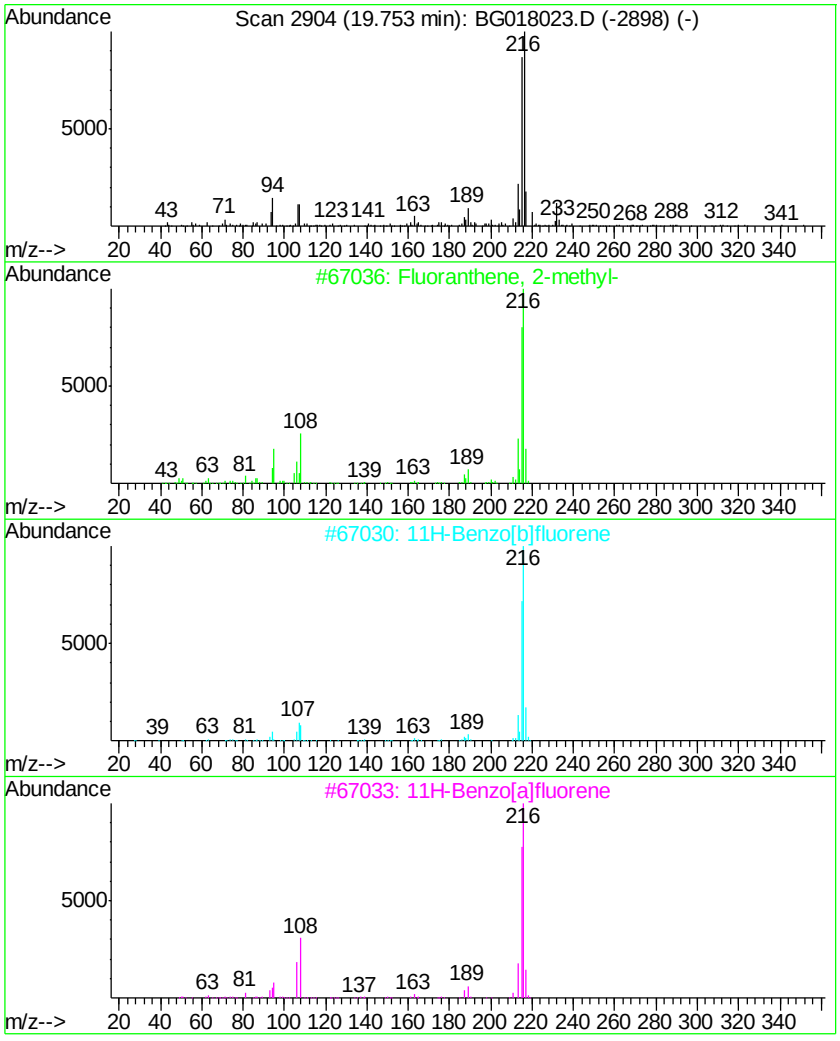
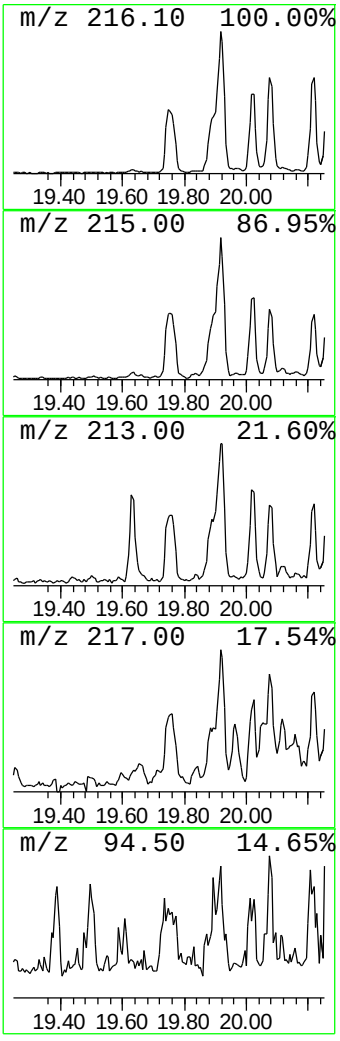
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.47 ng	381605	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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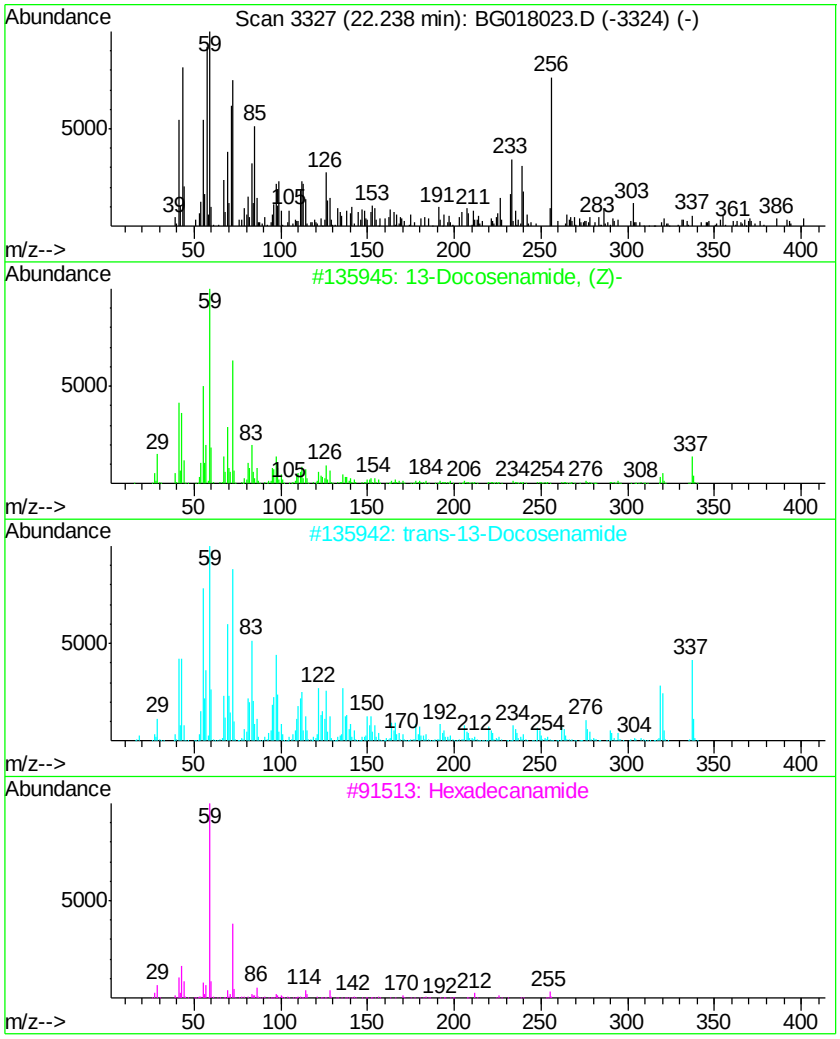
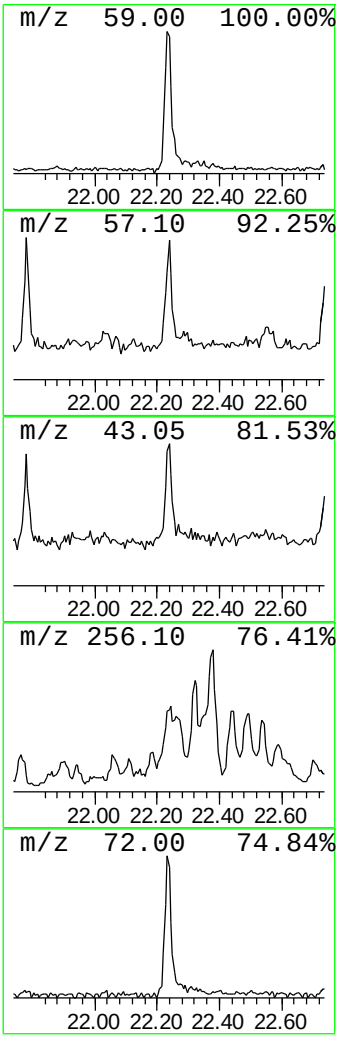
Peak Number 16 13-Docosenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.00 ng	309146	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	60
2	trans-13-Docosenamide	337	C22H43NO	010436-09-6	46
3	Hexadecanamide	255	C16H33NO	000629-54-9	41
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	35
5	3-Octadecanone	268	C18H36O	018261-92-2	25





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Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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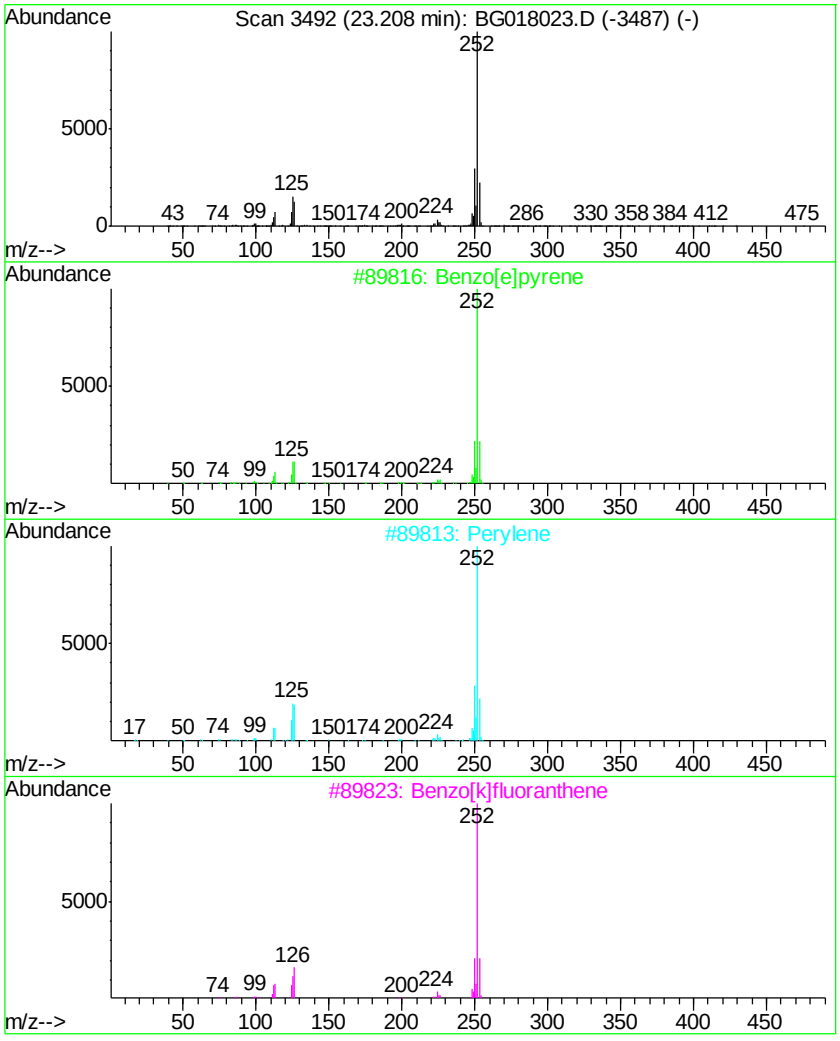
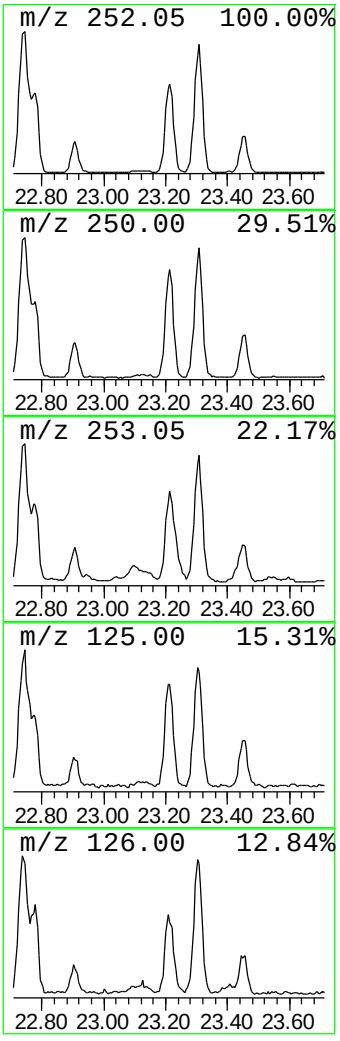
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	10.17 ng	900113	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018023.D
Acq On : 21 Jul 2015 15:03
Operator : TP/UM
Sample : G2954-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-E3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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
Butane, 2-methoxy...	2.84	5.6	ng	199488	1	7.57	708518	20.0
2-Pentanone, 4-hy...	4.72	15.1	ng	534498	1	7.57	708518	20.0
unknown7.10	7.10	35.3	ng	1251350	1	7.57	708518	20.0
Heptadecane	15.96	2.6	ng	193833	4	16.99	1485650	20.0
Octadecane	16.76	2.2	ng	163806	4	16.99	1485650	20.0
1H-Cyclopropa[l]p...	17.86	2.4	ng	175209	4	16.99	1485650	20.0
Phenanthrene, 2-m...	17.91	6.0	ng	448064	4	16.99	1485650	20.0
Anthracene, 1-met...	18.05	6.4	ng	472284	4	16.99	1485650	20.0
Phenanthrene, 1-m...	18.09	2.3	ng	169498	4	16.99	1485650	20.0
2-Phenylnaphthalene	18.37	2.4	ng	174296	4	16.99	1485650	20.0
Phenanthrene, 3,6...	18.79	4.4	ng	325080	4	16.99	1485650	20.0
9,10-Dimethylanth...	18.84	3.7	ng	273638	4	16.99	1485650	20.0
unknown18.93	18.93	2.8	ng	210035	4	16.99	1485650	20.0
Fluoranthene, 2-m...	19.75	2.5	ng	381605	5	21.19	3089590	20.0
13-Docosenamide, ...	22.24	2.0	ng	309146	5	21.19	3089590	20.0
Benzo[e]pyrene	23.21	10.2	ng	900113	6	23.41	1769300	20.0