LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

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-BG042315.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	2.760	10	12	19	rVB2	29859	37240	1.28%	0.090%
2	4.669	327	337	345	rBV2	151066	271071	9.32%	0.654%
3	5.157	414	420	438	rBV	1148790	1658388	57.01%	3.999%
4	6.773	687	695	709	rBV	1128313	1855973	63.81%	4.476%
5	7.108	744	752	763	rBV	1286540	1952662	67.13%	4.709%
6	7.566	820	830	838	rBV	254274	392842	13.51%	0.947%
7	7.883	877	884	893	rBV	1008925	1525845	52.46%	3.680%
8	8.729	1019	1028	1041	rBV	690197	1135124	39.02%	2.737%
9	10.351	1297	1304	1311	rBV	342220	582368	20.02%	1.404%
10	12.836	1720	1727	1737	rBV	1795458	2695571	92.67%	6.501%
11	13.682	1866	1871	1880	rVB	47515	69563	2.39%	0.168%
12	14.223	1953	1963	1969	rBV2	507727	736163	25.31%	1.775%
13	14.288	1969	1974	1982	rVB	46436	72221	2.48%	0.174%
14	14.622	2024	2031	2038	rBV	28354	41850	1.44%	0.101%
15	15.269	2136	2141	2146	rBV3	23980	36966	1.27%	0.089%
16	15.586	2193	2195	2201	rVB	28311	35027	1.20%	0.084%
17	15.721	2208	2218	2225	rBV	1047566	1466667	50.42%	3.537%
18	15.944	2251	2256	2264	rVB6	19565	39150	1.35%	0.094%
19	16.626	2367	2372	2379	rVB	63951	95034	3.27%	0.229%
20	16.720	2379	2388	2393	rVV5	22914	63555	2.18%	0.153%
21	16.785	2395	2399	2409	rVB	45512	67826	2.33%	0.164%
22	16.967	2425	2430	2434	rBV2	531936	773586	26.60%	1.866%
23	17.014	2434	2438	2443	rVB	1010838	1396890	48.02%	3.369%
24	17.102	2448	2453	2458	rVV	156858	227456	7.82%	0.549%
25	17.284	2481	2484	2489	rVB3	22194	33181	1.14%	0.080%
26	17.378	2489	2500	2504	rBV2	58283	104098	3.58%	0.251%
27	17.490	2513	2519	2525	rVB	37130	54935	1.89%	0.132%
28	17.548	2525	2529	2538	rVB2	48926	80641	2.77%	0.194%
29	17.689	2550	2553	2560	rVB2	17798	31687	1.09%	0.076%
30	17.766	2562	2566	2570	rBV2	28205	40662	1.40%	0.098%
31	17.842	2570	2579	2583	rVV	242496	352964	12.13%	0.851%
32	17.889	2583	2587	2594	rVV	305950	451706	15.53%	1.089%
33	17.971	2596	2601	2605	rVV2	71762	101620	3.49%	0.245%
34	18.030	2605	2611	2616	rVV3	251997	453988	15.61%	1.095%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

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-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.077	2616	2619	2626	rVB	186983	238764	8.21%	0.576%
36	18.159	2628	2633	2636	rBV5	32826	45301	1.56%	0.109%
37	18.242	2643	2647	2651	rBV3	25538	40935	1.41%	0.099%
38	18.348	2660	2665	2669	rVV	141700	190158	6.54%	0.459%
39	18.395	2669	2673	2683	rVB2	146895	217664	7.48%	0.525%
40	18.471	2683	2686	2690	rBV	39809	51406	1.77%	0.124%
41	18.565	2698	2702	2704	rBV3	24104	33232	1.14%	0.080%
42	18.594	2704	2707	2712	rVV	84639	125019	4.30%	0.301%
43	18.647	2712	2716	2719	rVV	65105	92850	3.19%	0.224%
44	18.688	2719	2723	2726	rVB2	49263	68205	2.34%	0.164%
45	18.771	2732	2737	2741	rBV	158114	262290	9.02%	0.633%
46	18.823	2741	2746	2750	rVV2	73776	167587	5.76%	0.404%
47	18.859	2750	2752	2756	rVB	53592	60886	2.09%	0.147%
48	18.912	2756	2761	2768	rBV2	166336	265139	9.12%	0.639%
49	19.035	2774	2782	2789	rBV	1665631	2167204	74.51%	5.226%
50	19.100	2789	2793	2795	rVV	37598	45020	1.55%	0.109%
51	19.135	2795	2799	2804	rVB5	51926	66553	2.29%	0.161%
52	19.241	2810	2817	2820	rBV4	58020	96252	3.31%	0.232%
53	19.276	2820	2823	2827	rVB2	55052	60903	2.09%	0.147%
54	19.311	2827	2829	2834	rVB3	32279	37092	1.28%	0.089%
55	19.399	2834	2844	2852	rBV	1887972	2722472	93.60%	6.566%
56	19.470	2852	2856	2863	rVB2	89847	155953	5.36%	0.376%
57	19.605	2863	2879	2883	rBV	2274686	2908741	100.00%	7.015%
58	19.728	2894	2900	2907	rBV3	133576	344673	11.85%	0.831%
59	19.857	2917	2922	2924	rBV3	122306	181283	6.23%	0.437%
60	19.993	2942	2945	2949	rVB2	30029	33719	1.16%	0.081%
61	20.051	2949	2955	2959	rBV3	219271	289787	9.96%	0.699%
62	20.093	2959	2962	2966	rVV2	52676	66441	2.28%	0.160%
63	20.134	2966	2969	2973	rVB4	30324	39350	1.35%	0.095%
64	20.192	2975	2979	2982	rBV	156677	185635	6.38%	0.448%
65	20.239	2982	2987	2991	rVB	143383	193670	6.66%	0.467%
66	20.357	3004	3007	3012	rVB2	45167	62810	2.16%	0.151%
67	20.445	3019	3022	3024	rBV4	23753	32726	1.13%	0.079%
68	20.557	3038	3041	3044	rVB3	36818	42519	1.46%	0.103%
69	20.639	3051	3055	3062	rVB	231000	299563	10.30%	0.722%
70	20.727	3068	3070	3075	rVB2	25514	32453	1.12%	0.078%
71	20.803	3076	3083	3086	rBV2	149887	300535	10.33%	0.725%

LSC Area Percent Report

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Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

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-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.839	3086	3089	3092	rVV	166083	235363	8.09%	0.568%
73	20.868	3092	3094	3101	rVV3	278079	505345	17.37%	1.219%
74	20.939	3102	3106	3113	rVB	194198	268396	9.23%	0.647%
75	21.144	3133	3141	3147	rBV2	1082908	2261716	77.76%	5.454%
76	21.197	3147	3150	3159	rVB	840991	1065280	36.62%	2.569%
77	21.273	3160	3163	3166	rBV3	33646	45916	1.58%	0.111%
78	21.309	3166	3169	3175	rVB2	72837	104609	3.60%	0.252%
79	21.473	3192	3197	3200	rBV2	60253	101932	3.50%	0.246%
80	21.514	3201	3204	3207	rVV3	39062	49386	1.70%	0.119%
81	21.644	3223	3226	3229	rBV2	43088	49426	1.70%	0.119%
82	21.697	3229	3235	3238	rVV	197628	276898	9.52%	0.668%
83	21.749	3240	3244	3248	rVB	104753	148399	5.10%	0.358%
84	21.890	3264	3268	3270	rBV	73268	98273	3.38%	0.237%
85	21.990	3281	3285	3288	rVB2	55762	77023	2.65%	0.186%
86	22.443	3358	3362	3369	rVB3	64906	126243	4.34%	0.304%
87	22.695	3399	3405	3410	rBV	599535	1338920	46.03%	3.229%
88	22.860	3429	3433	3439	rVB	103791	147648	5.08%	0.356%
89	23.165	3479	3485	3493	rVB	364812	703151	24.17%	1.696%
90	23.259	3495	3501	3509	rVV	525148	906750	31.17%	2.187%
91	23.353	3511	3517	3521	rVV	391155	713206	24.52%	1.720%
92	23.400	3522	3525	3534	rVB2	157963	289385	9.95%	0.698%
93	25.574	3887	3895	3906	rBV2	167611	510947	17.57%	1.232%
94	26.262	4005	4012	4020	rBV	111019	282334	9.71%	0.681%

Sum of corrected areas: 41465856

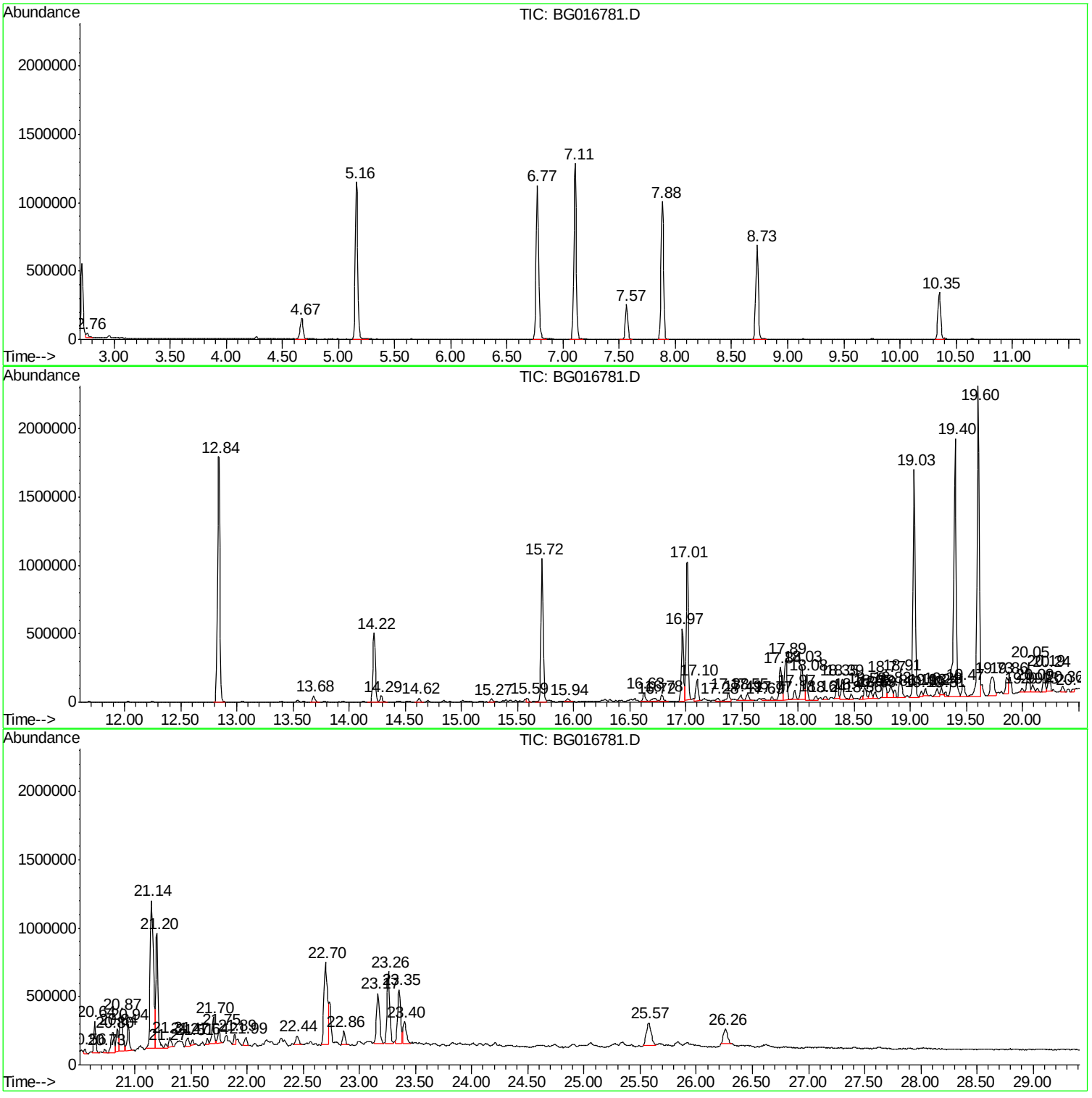
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

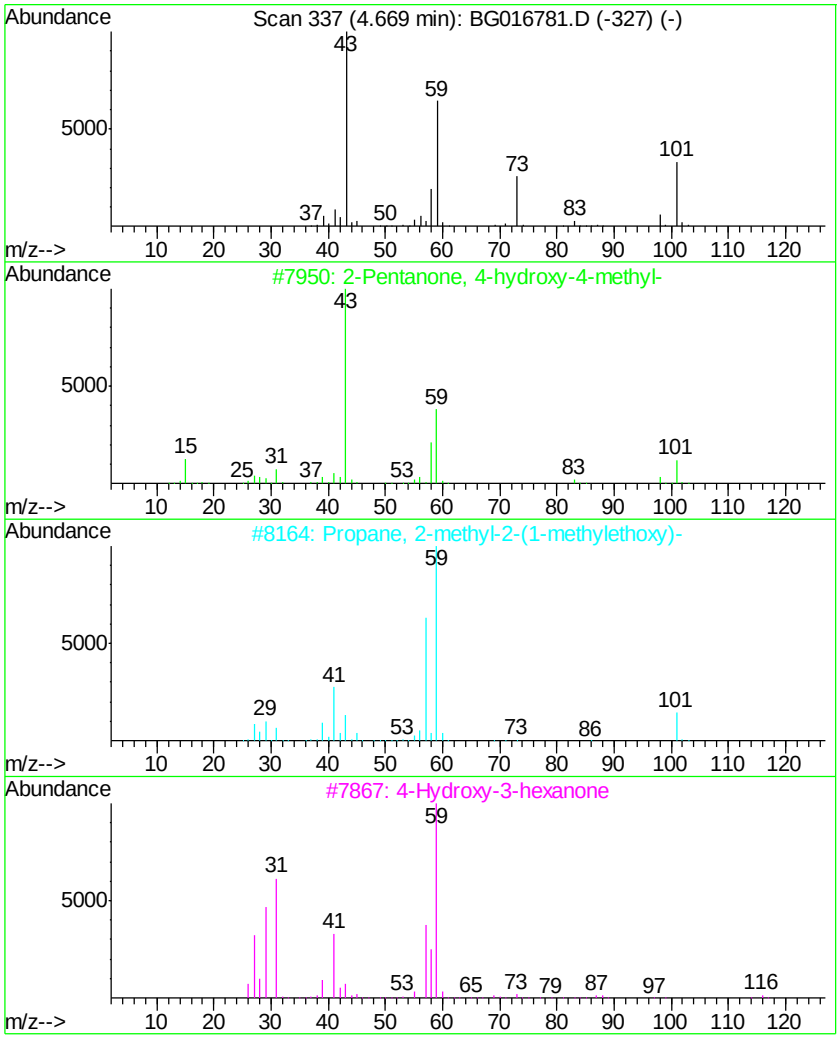
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

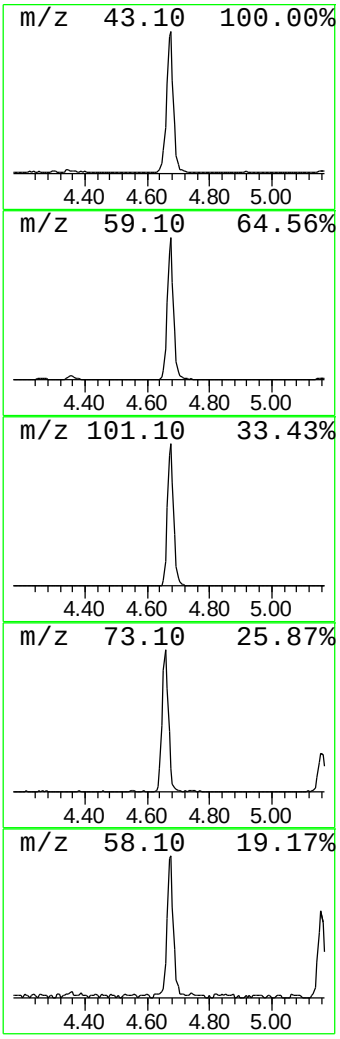
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	13.80 ng	271071	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	47
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	32
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4	3-Hexanol	102	C6H14O	000623-37-0	23
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

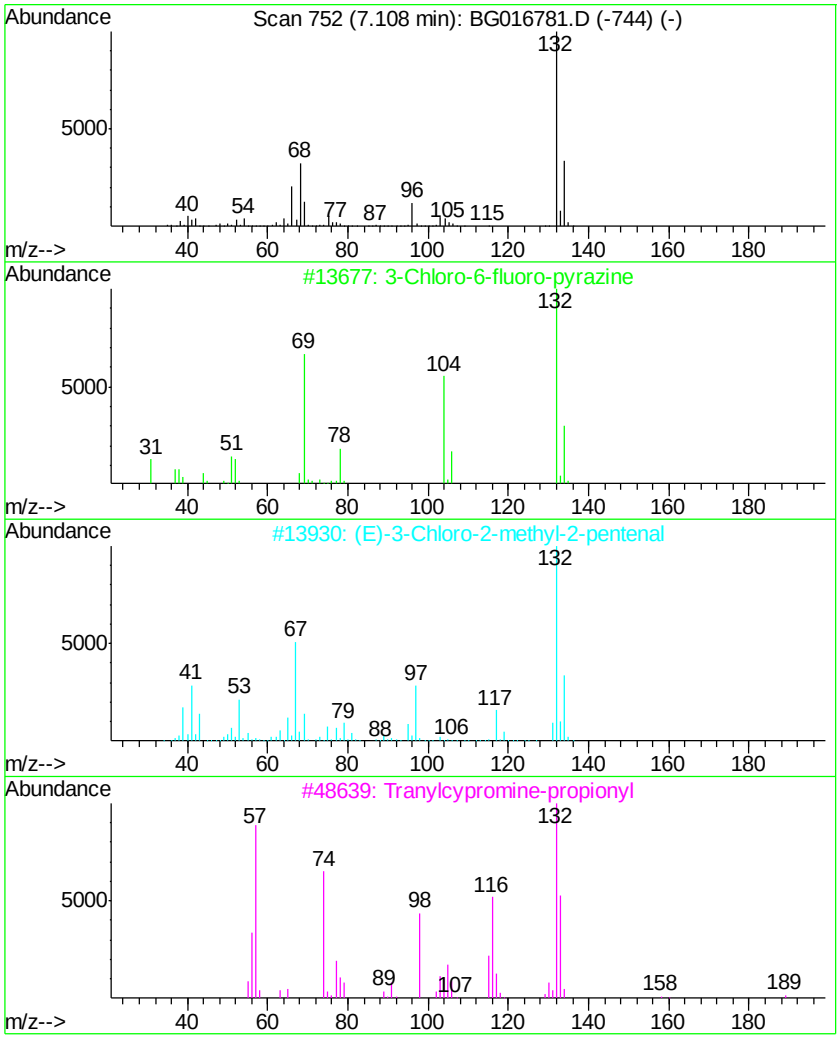
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

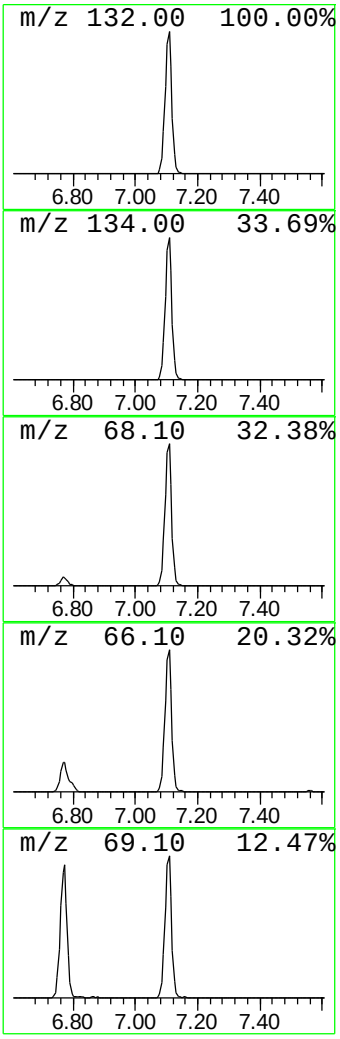
****

Peak Number 2 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	99.41 ng	1952660	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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

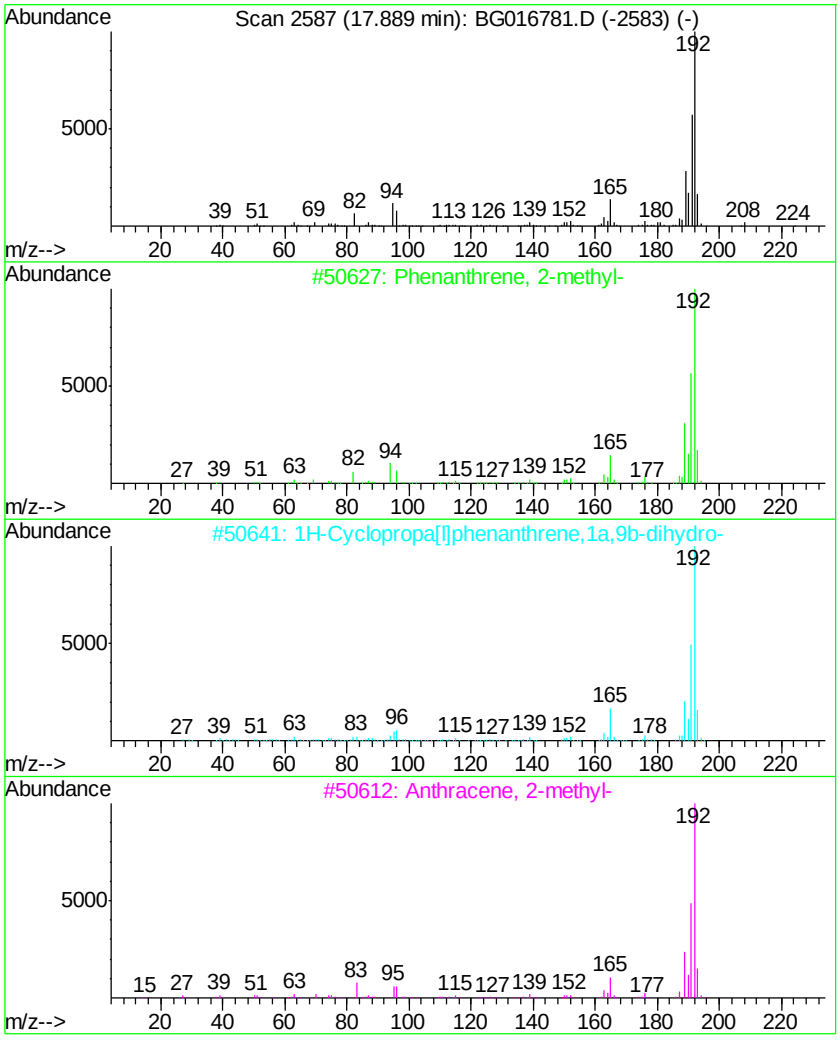
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

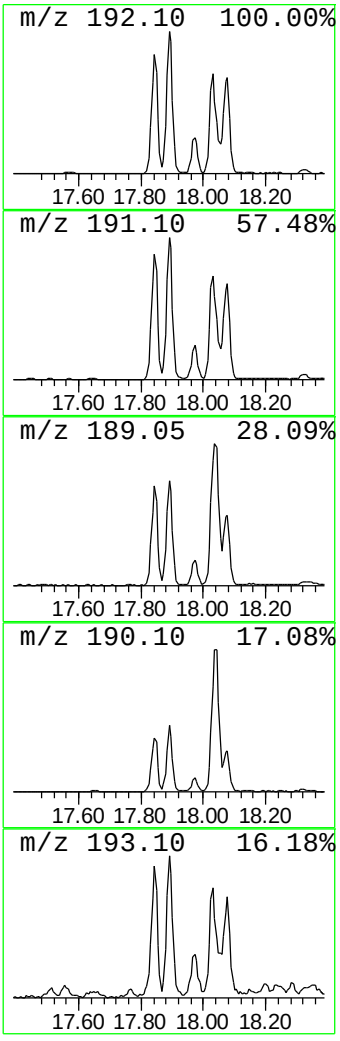
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	11.68 ng	451706	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
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Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

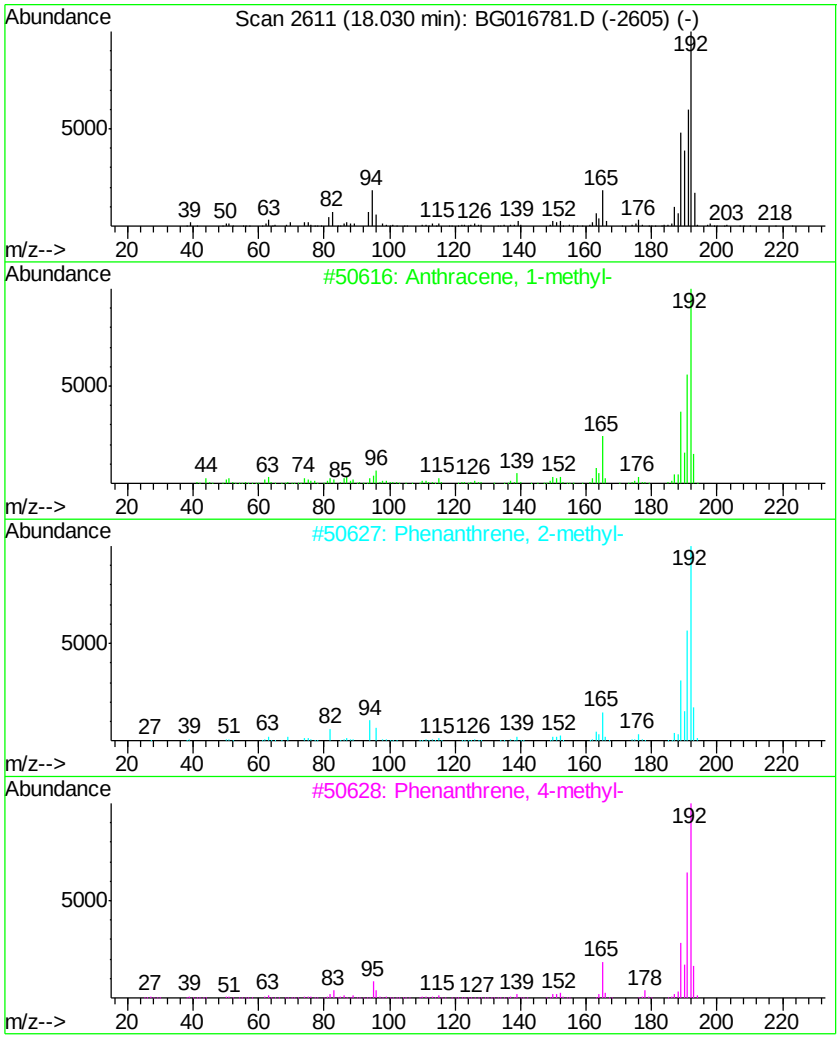
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

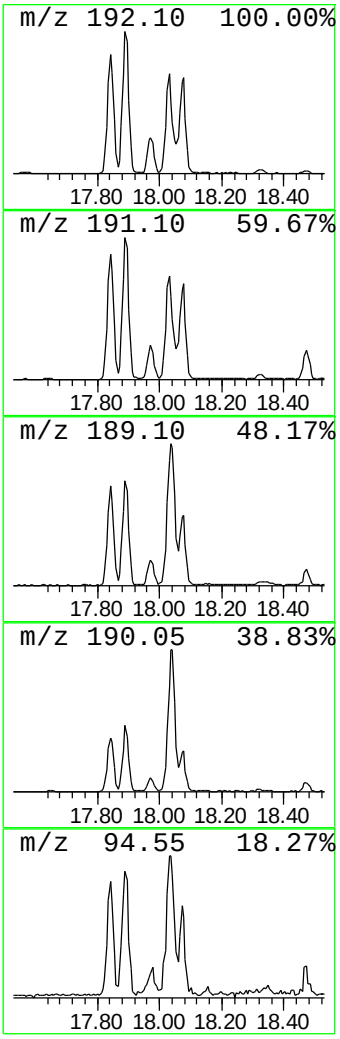
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	11.74 ng	453988	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

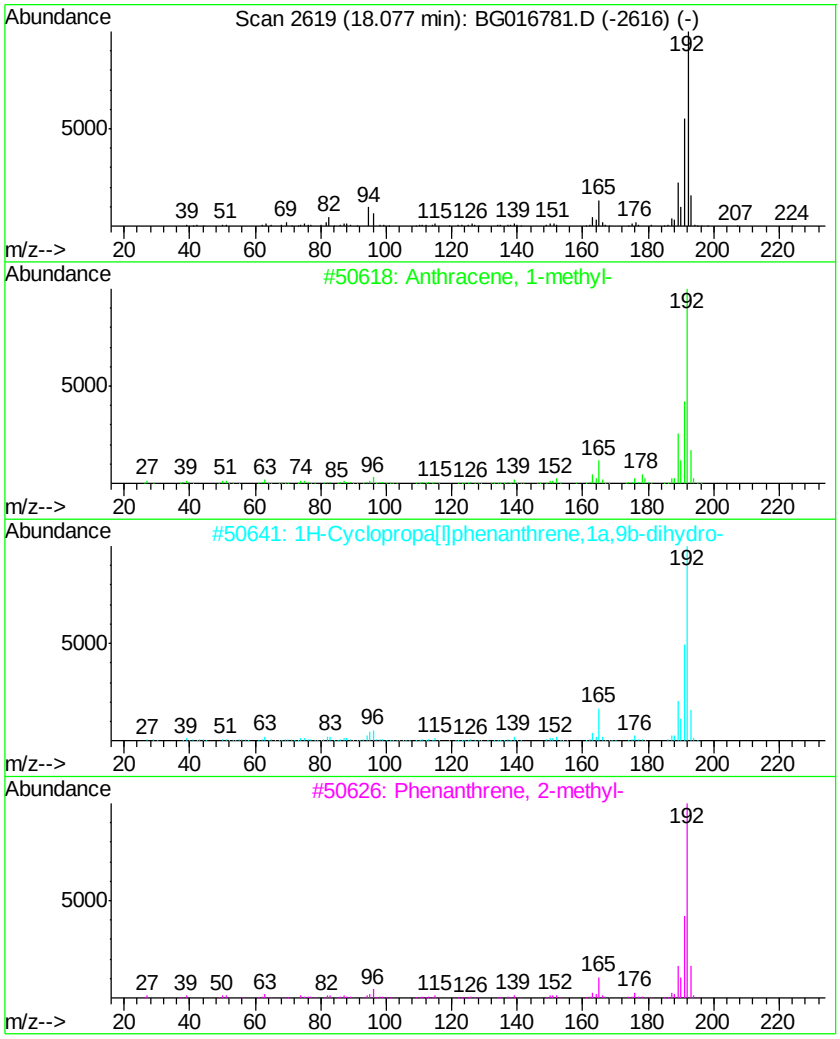
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

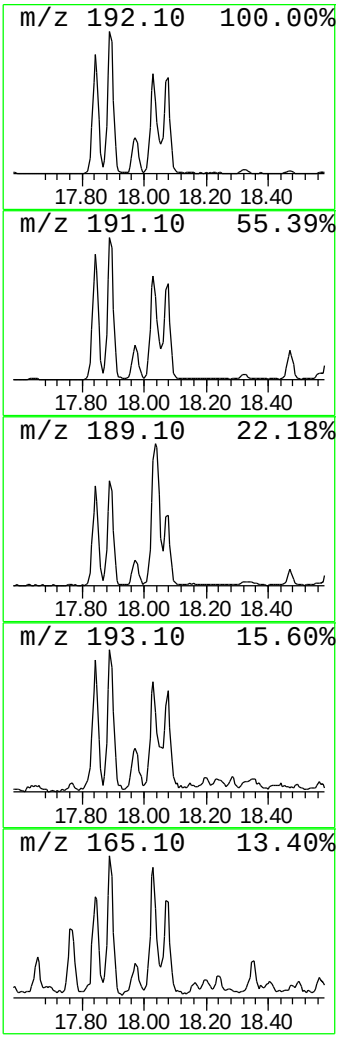
****

Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.17 ng	238764	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

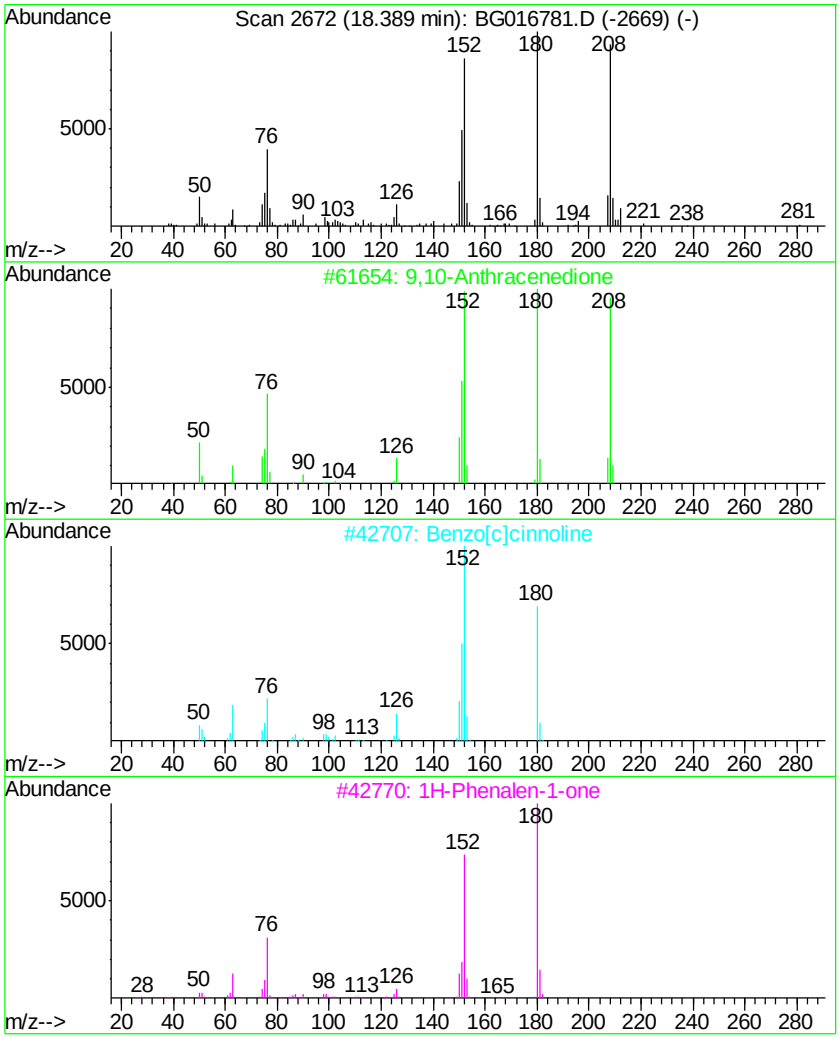
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

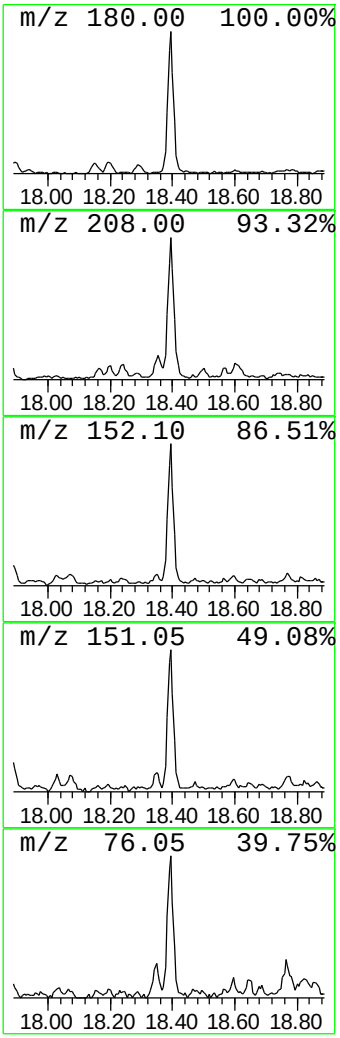
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.63 ng	217664	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	41





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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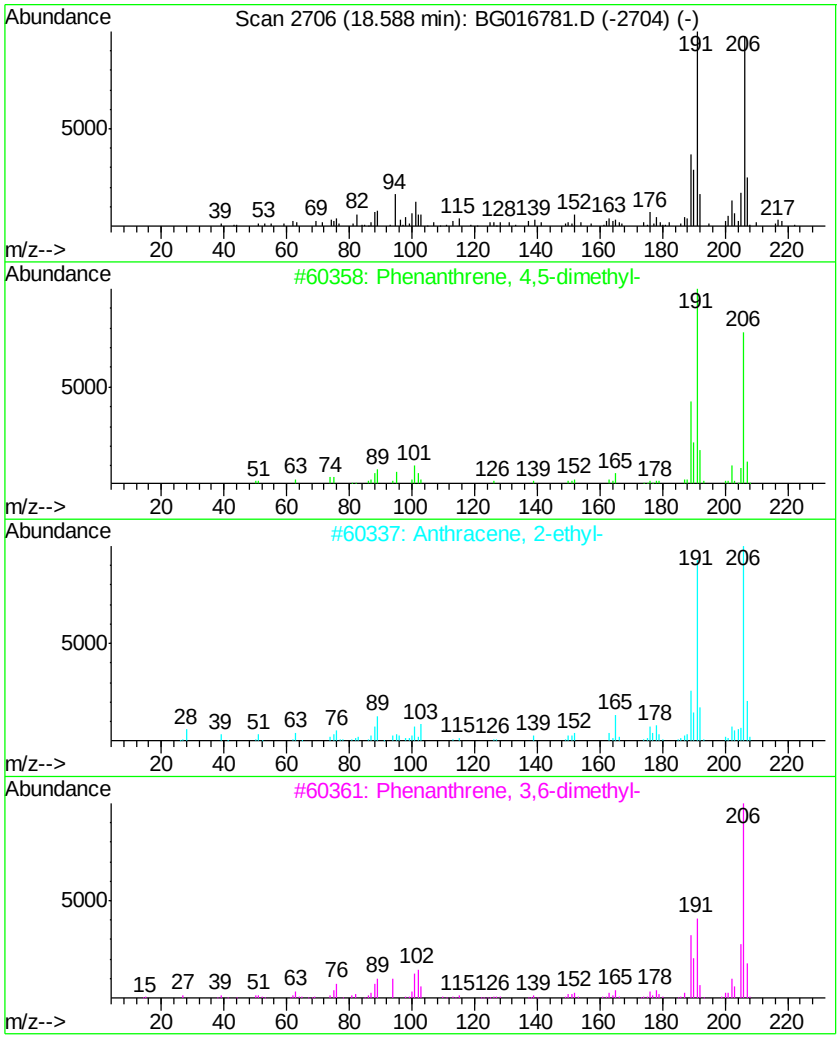
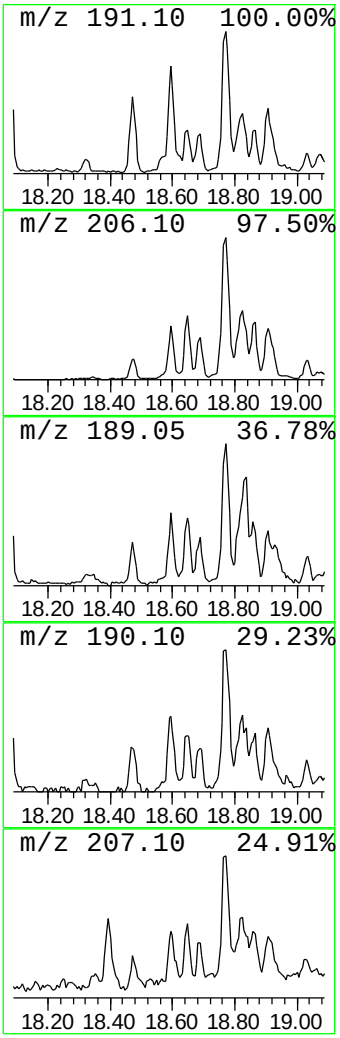
Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.23 ng	125019	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	62





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Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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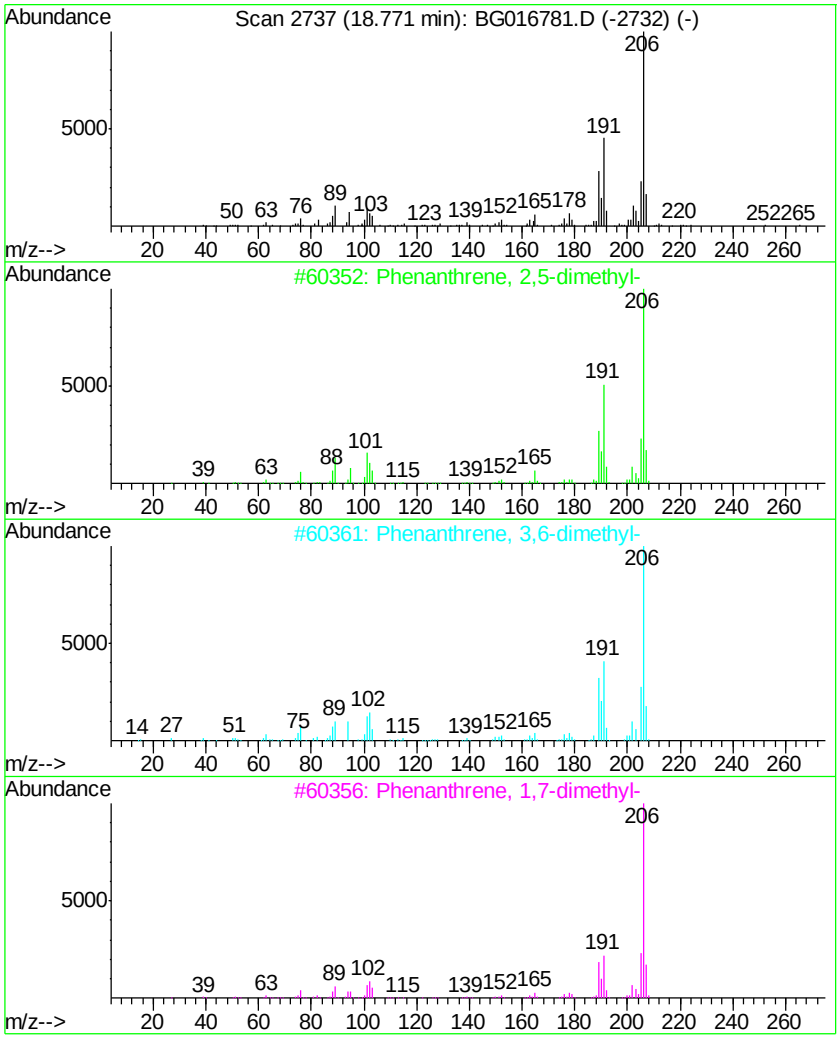
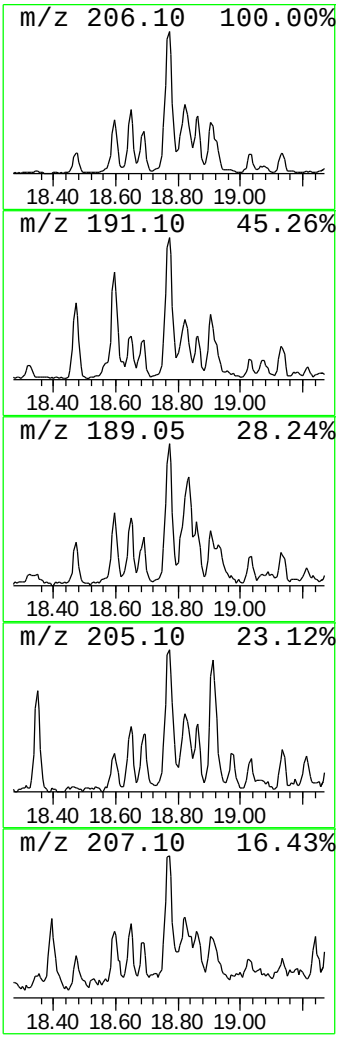
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	6.78 ng	262290	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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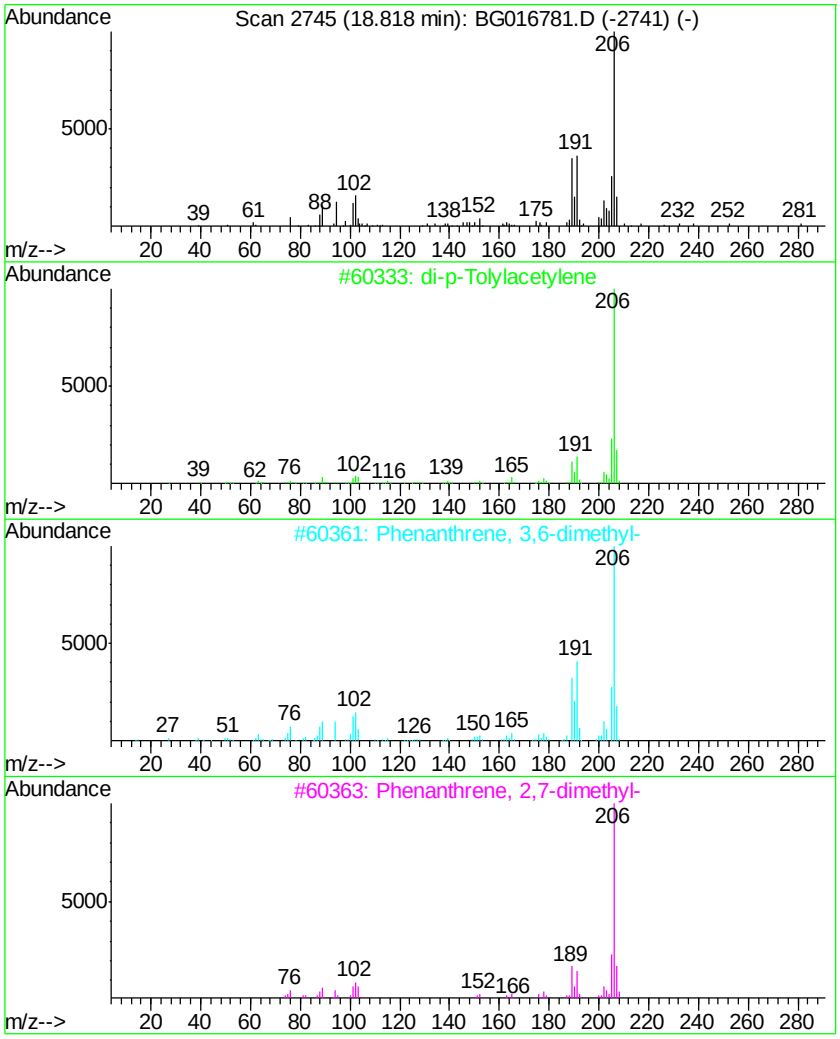
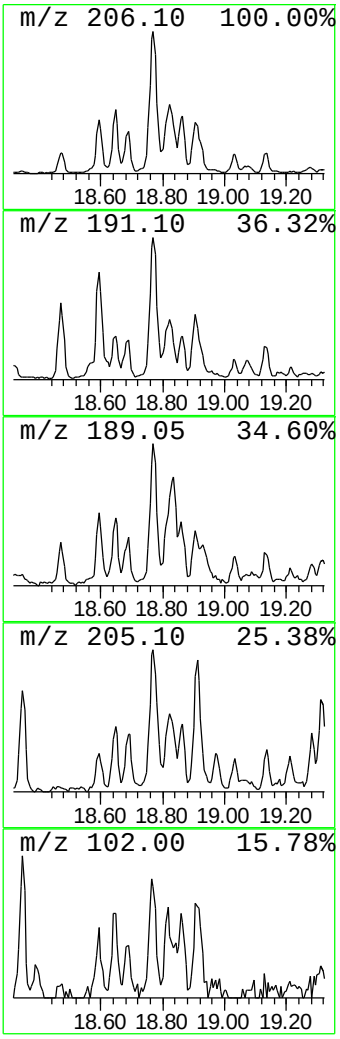
Peak Number 13 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.33 ng	167587	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76





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Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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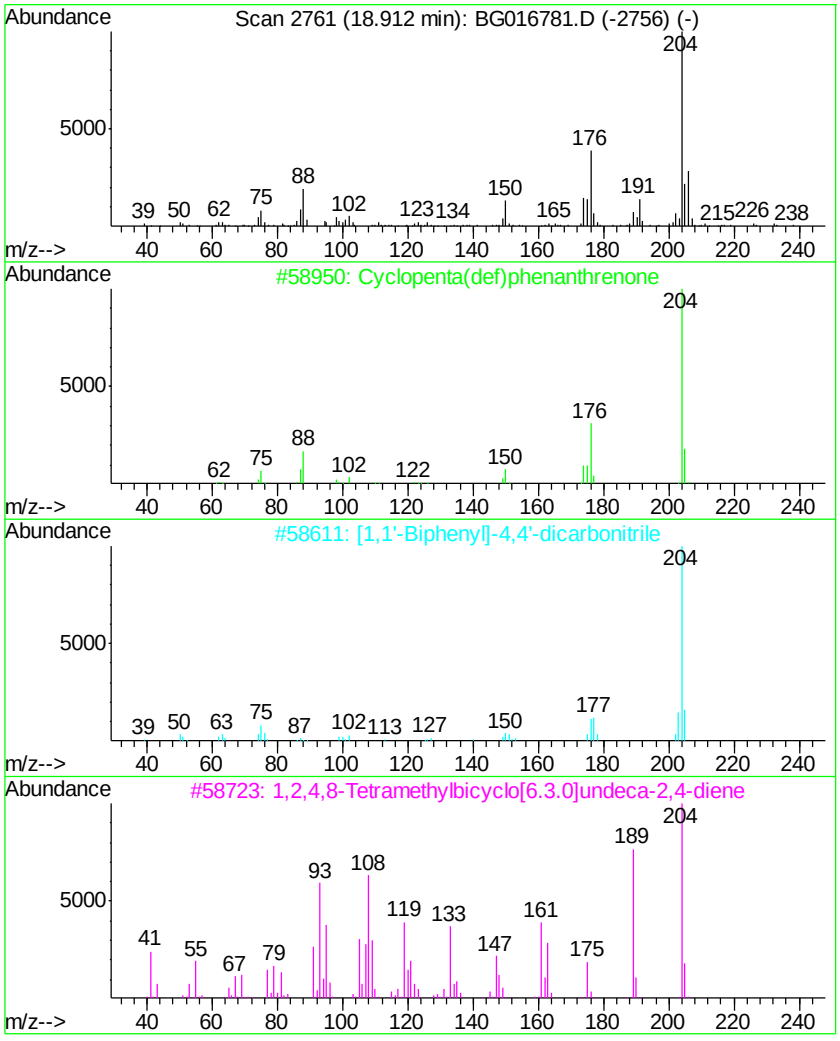
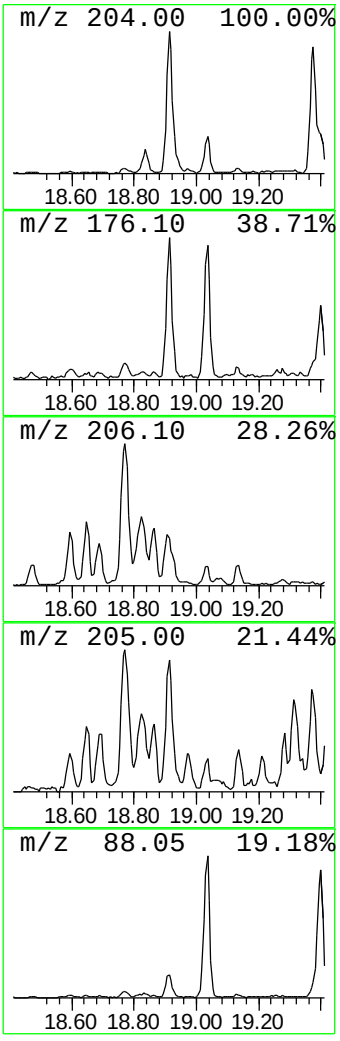
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	6.85 ng	265139	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	2-Naphthalenecarboxylic acid, 4-...	222	C11H7ClO3	005409-15-4	43
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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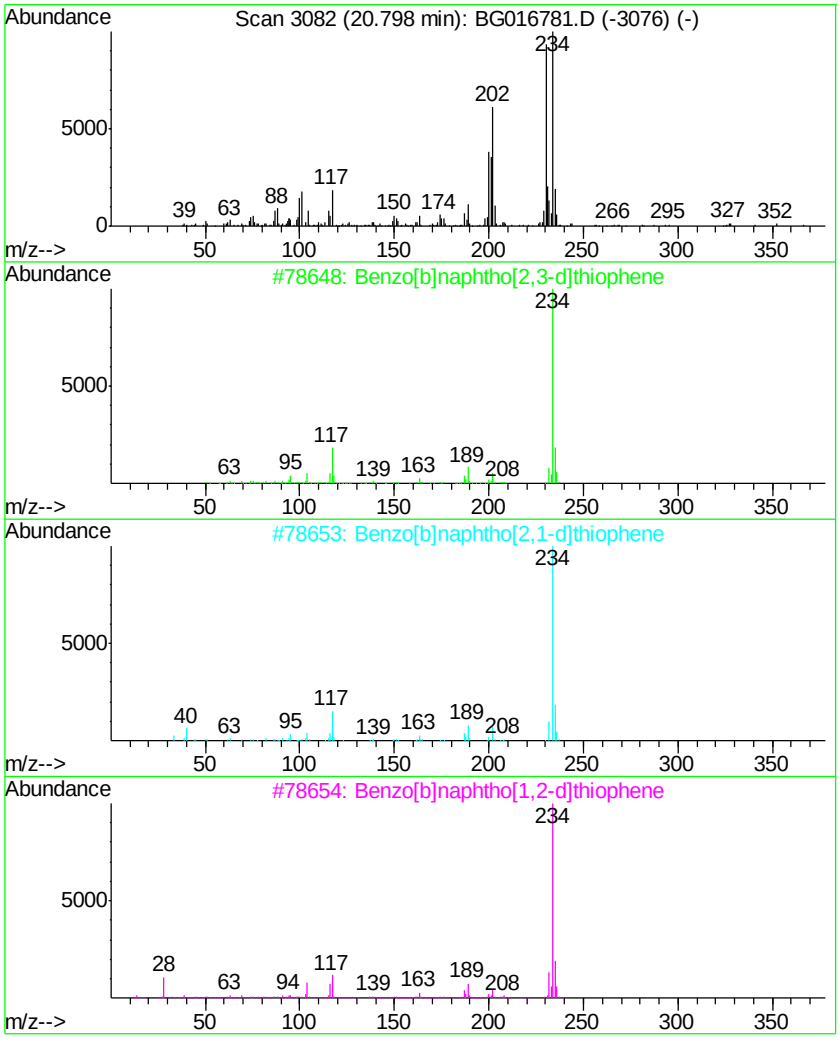
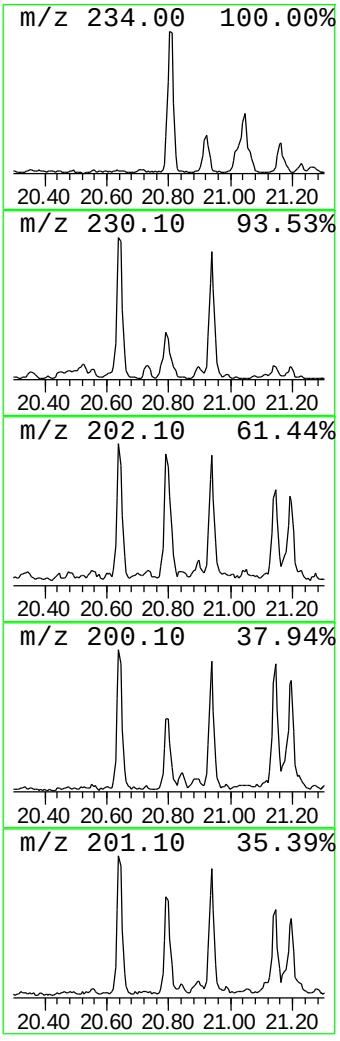
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.66 ng	300535	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	Thiazol-2-amine, 4-(1-adamantyl)-	234	C13H18N2S	019735-74-1	43
5	[1,1'-Biphenyl]-4-sulfonic acid	234	C12H10O3S	002113-68-0	43





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Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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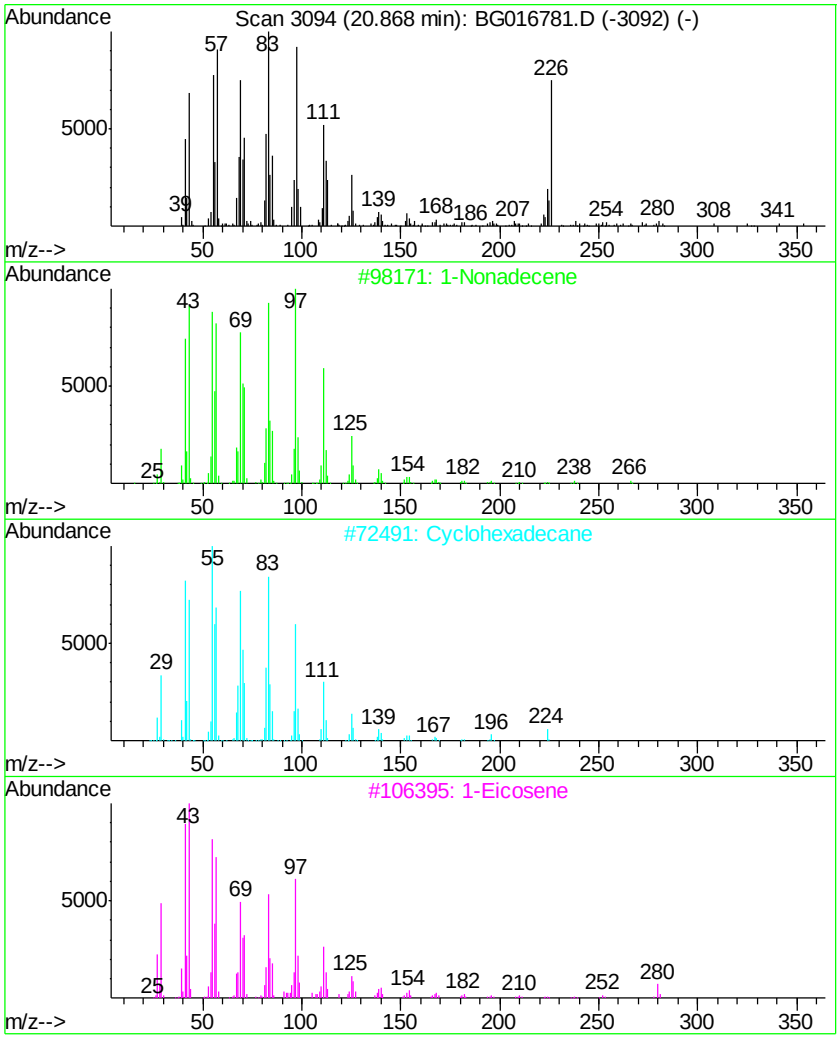
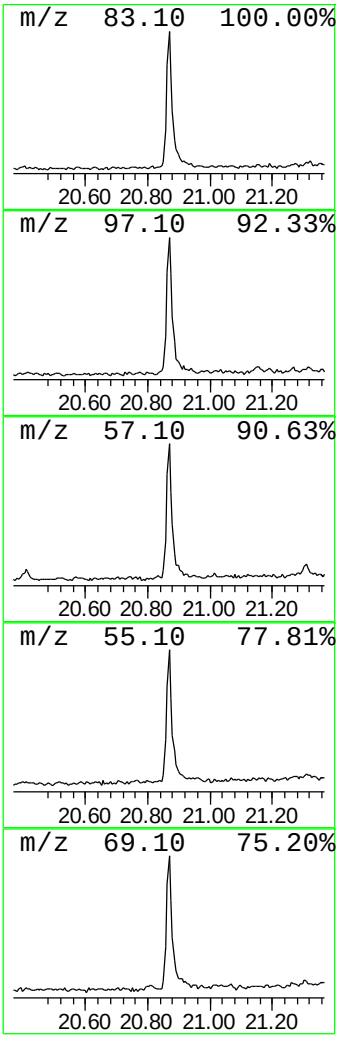
Peak Number 17 1-Nonadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.47 ng	505345	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	1-Eicosene	280	C20H40	003452-07-1	86
4	Cycloeicosane	280	C20H40	000296-56-0	64
5	1-Docosene	308	C22H44	001599-67-3	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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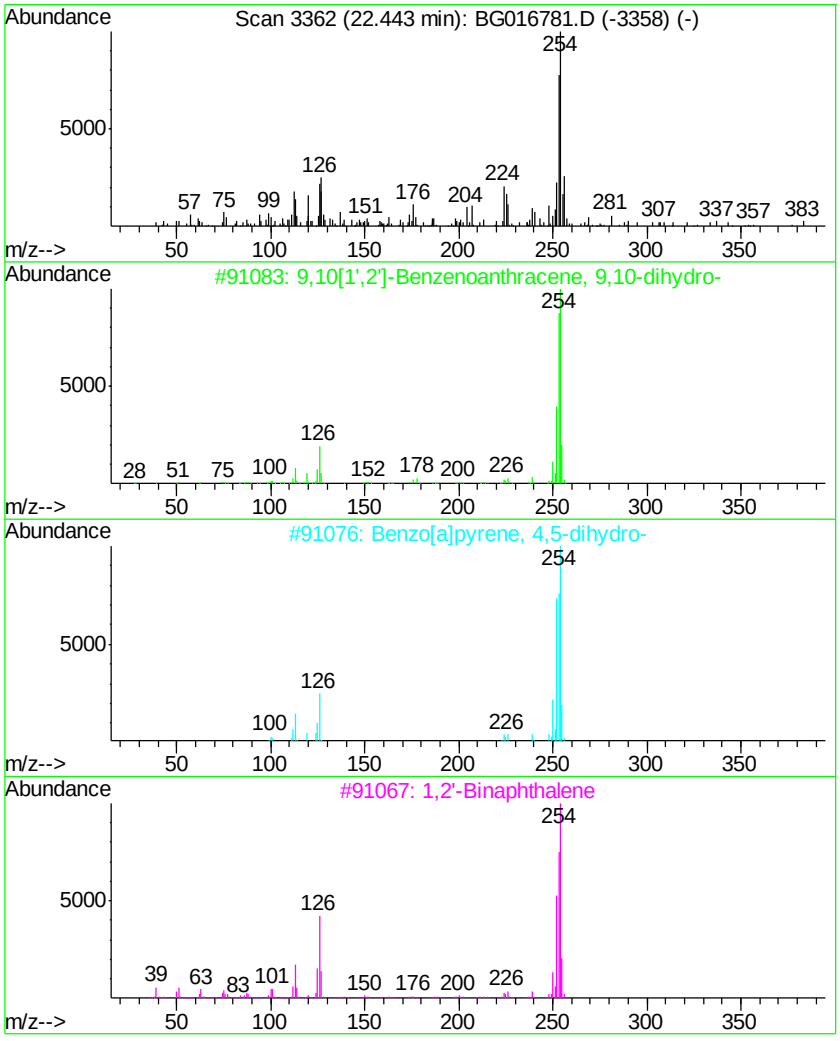
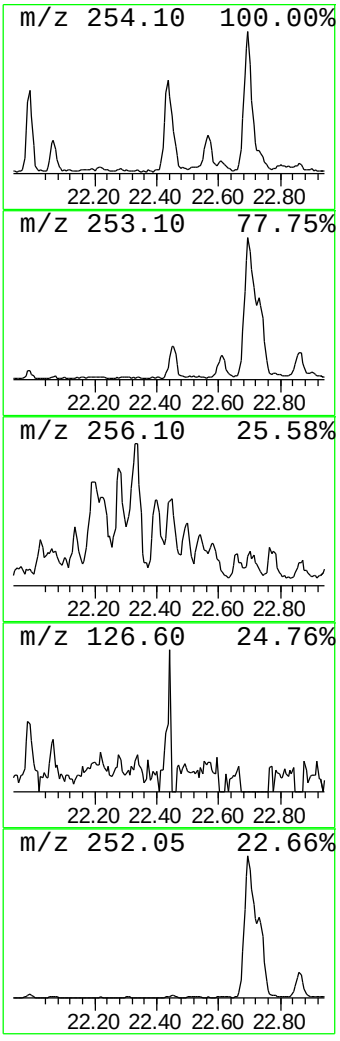
Peak Number 18 9,10[1',2']-Benzenoanthrace... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.54 ng	126243	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	89
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	76
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58





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Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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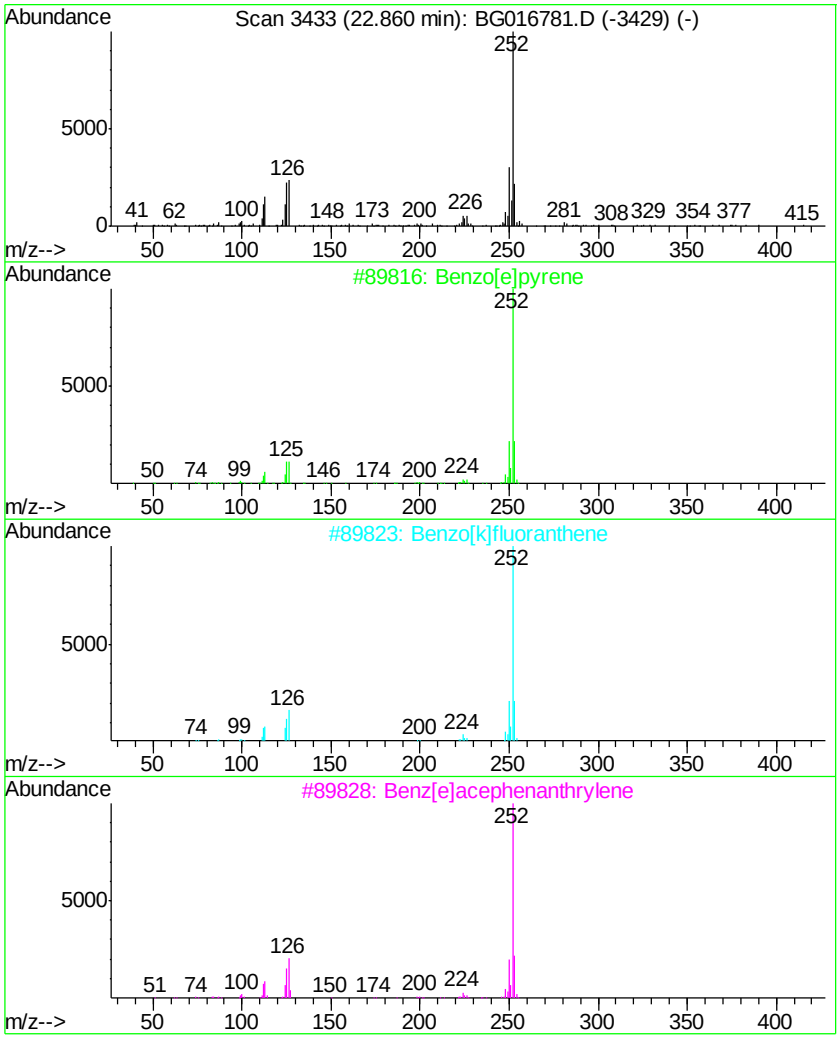
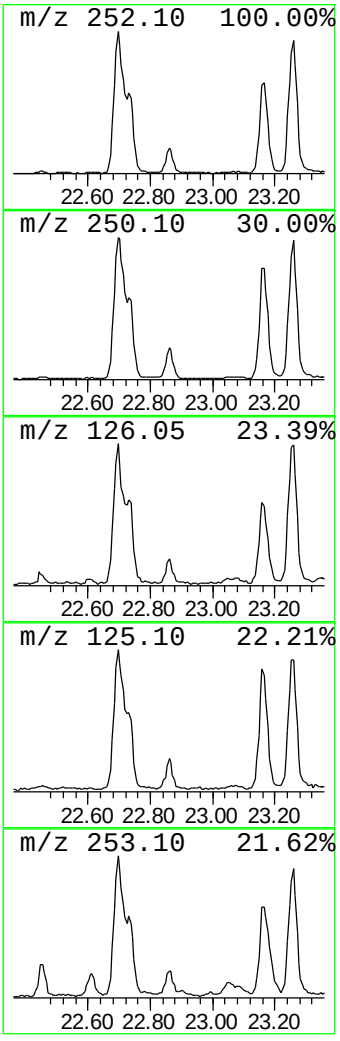
Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	4.14 ng	147648	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016781.D
Acq On : 29 Apr 2015 00:49
Operator : TP/IZ
Sample : G2021-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-18-0-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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
2-Pentanone, 4-hy...	4.67	13.8	ng	271071	1	7.57	392842	20.0
unknown7.11	7.11	99.4	ng	1952660	1	7.57	392842	20.0
1H-Cyclopropa[l]p...	17.89	11.7	ng	451706	4	16.97	773586	20.0
Anthracene, 1-met...	18.03	11.7	ng	453988	4	16.97	773586	20.0
Phenanthrene, 3-m...	18.08	6.2	ng	238764	4	16.97	773586	20.0
9,10-Anthracenedione	18.39	5.6	ng	217664	4	16.97	773586	20.0
Phenanthrene, 4,5...	18.59	3.2	ng	125019	4	16.97	773586	20.0
Phenanthrene, 2,5...	18.77	6.8	ng	262290	4	16.97	773586	20.0
di-p-Tolylacetylene	18.82	4.3	ng	167587	4	16.97	773586	20.0
Cyclopenta(def)ph...	18.91	6.8	ng	265139	4	16.97	773586	20.0
Benzo[b]naphtho[2...	20.80	2.7	ng	300535	5	21.16	2261720	20.0
1-Nonadecene	20.87	4.5	ng	505345	5	21.16	2261720	20.0
9,10[1',2']-Benze...	22.44	3.5	ng	126243	6	23.35	713206	20.0
Benzo[e]pyrene	22.86	4.1	ng	147648	6	23.35	713206	20.0