LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

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-BG060616.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	2.873	3	6	27	rVB	1155837	1777953	42.14%	3.836%
2	5.106	377	386	394	rBV	29006	54089	1.28%	0.117%
3	5.605	463	471	482	rBV	439910	845644	20.04%	1.825%
4	7.233	739	748	763	rBV	498492	992324	23.52%	2.141%
5	7.579	799	807	826	rBV	551058	1065438	25.25%	2.299%
6	8.044	879	886	897	rVB	102110	191235	4.53%	0.413%
7	8.367	932	941	955	rBV	417411	805748	19.10%	1.738%
8	9.219	1078	1086	1102	rBV	294544	615542	14.59%	1.328%
9	10.864	1358	1366	1372	rBV	159463	325250	7.71%	0.702%
10	12.074	1566	1572	1580	rVB2	32055	54893	1.30%	0.118%
11	13.302	1774	1781	1795	rBV	864796	1497470	35.49%	3.231%
12	14.001	1891	1900	1905	rBV2	38972	78201	1.85%	0.169%
13	14.054	1905	1909	1916	rVV2	40262	65922	1.56%	0.142%
14	14.131	1916	1922	1933	rVV	167580	283695	6.72%	0.612%
15	14.236	1935	1940	1954	rVB3	20109	47654	1.13%	0.103%
16	14.413	1961	1970	1983	rBV	125530	312087	7.40%	0.673%
17	14.683	2005	2016	2022	rBV2	246513	445442	10.56%	0.961%
18	14.742	2022	2026	2033	rVB2	50650	89220	2.11%	0.192%
19	15.076	2075	2083	2090	rBV2	56080	105767	2.51%	0.228%
20	15.147	2090	2095	2104	rVB2	32429	58217	1.38%	0.126%
21	15.294	2113	2120	2124	rBV3	29711	55877	1.32%	0.121%
22	15.458	2140	2148	2152	rBV3	22365	55877	1.32%	0.121%
23	15.729	2187	2194	2204	rVB3	114237	233905	5.54%	0.505%
24	16.017	2237	2243	2252	rVB	53722	96786	2.29%	0.209%
25	16.175	2263	2270	2280	rBV2	593850	1007153	23.87%	2.173%
26	16.363	2296	2302	2305	rBV2	26230	54190	1.28%	0.117%
27	16.727	2355	2364	2369	rBV3	52547	115550	2.74%	0.249%
28	16.951	2394	2402	2406	rBV3	55572	109076	2.58%	0.235%
29	16.992	2406	2409	2419	rVV3	41092	85791	2.03%	0.185%
30	17.086	2419	2425	2431	rVB	68227	110601	2.62%	0.239%
31	17.150	2431	2436	2442	rBV2	58350	109164	2.59%	0.236%
32	17.244	2448	2452	2462	rVB	67178	113849	2.70%	0.246%
33	17.427	2473	2483	2486	rBV	262447	453839	10.76%	0.979%
34	17.474	2486	2491	2498	rVB	1411454	2209501	52.36%	4.767%

LSC Area Percent Report

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Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.562	2498	2506	2512	rBV	230150	385911	9.15%	0.833%
36	17.844	2544	2554	2559	rBV3	91263	228597	5.42%	0.493%
37	17.938	2566	2570	2577	rVB2	30438	53007	1.26%	0.114%
38	18.008	2578	2582	2590	rVB6	31760	62008	1.47%	0.134%
39	18.302	2625	2632	2636	rBV	213712	357016	8.46%	0.770%
40	18.349	2636	2640	2646	rVB	287962	450755	10.68%	0.973%
41	18.425	2648	2653	2658	rBV	92779	146733	3.48%	0.317%
42	18.496	2658	2665	2669	rBV2	328369	660377	15.65%	1.425%
43	18.790	2710	2715	2720	rBV	132688	197919	4.69%	0.427%
44	18.849	2720	2725	2732	rVB	99884	158789	3.76%	0.343%
45	19.037	2753	2757	2762	rBV3	36786	53803	1.28%	0.116%
46	19.089	2762	2766	2769	rVB	52272	65408	1.55%	0.141%
47	19.125	2769	2772	2777	rVB	49265	67290	1.59%	0.145%
48	19.207	2780	2786	2790	rBV	137673	254432	6.03%	0.549%
49	19.277	2790	2798	2800	rBV5	54833	128530	3.05%	0.277%
50	19.360	2806	2812	2820	rVB2	128251	272243	6.45%	0.587%
51	19.483	2824	2833	2838	rBV	2714593	4219578	100.00%	9.104%
52	19.571	2844	2848	2852	rVB2	55809	83089	1.97%	0.179%
53	19.624	2852	2857	2862	rBV	189373	306080	7.25%	0.660%
54	19.700	2867	2870	2872	rBV3	36745	48862	1.16%	0.105%
55	19.806	2882	2888	2889	rBV	337170	466056	11.05%	1.006%
56	19.841	2889	2894	2900	rVV	1980837	3163926	74.98%	6.826%
57	19.906	2900	2905	2910	rVB2	130373	218730	5.18%	0.472%
58	20.024	2918	2925	2930	rBV2	1115661	1630589	38.64%	3.518%
59	20.082	2931	2935	2940	rVB	79273	134963	3.20%	0.291%
60	20.153	2941	2947	2955	rBV3	180752	457519	10.84%	0.987%
61	20.223	2955	2959	2964	rBV3	34244	51381	1.22%	0.111%
62	20.323	2964	2976	2982	rBV2	316389	798001	18.91%	1.722%
63	20.423	2988	2993	2997	rBV	178006	268826	6.37%	0.580%
64	20.482	2997	3003	3008	rVV2	204083	427215	10.12%	0.922%
65	20.558	3012	3016	3021	rBV2	46321	74030	1.75%	0.160%
66	20.623	3023	3027	3030	rVV	111675	164680	3.90%	0.355%
67	20.664	3031	3034	3043	rVB3	116660	204895	4.86%	0.442%
68	21.093	3102	3107	3113	rVB	257219	402278	9.53%	0.868%
69	21.269	3131	3137	3141	rBV3	207905	444505	10.53%	0.959%
70	21.310	3141	3144	3149	rVV	198226	342232	8.11%	0.738%
71	21.363	3149	3153	3159	rVV2	183496	381146	9.03%	0.822%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

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
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.428	3159	3164	3175	rVB	248853	495603	11.75%	1.069%
73	21.680	3197	3207	3214	rBV3	1166401	2933377	69.52%	6.329%
74	21.745	3214	3218	3230	rVB	946659	1687533	39.99%	3.641%
75	21.892	3239	3243	3249	rBV	81134	152067	3.60%	0.328%
76	21.968	3251	3256	3262	rBV2	131402	252766	5.99%	0.545%
77	22.115	3275	3281	3286	rVB4	98022	211506	5.01%	0.456%
78	22.344	3317	3320	3325	rBV2	38308	68335	1.62%	0.147%
79	22.427	3328	3334	3340	rVV	179613	409524	9.71%	0.884%
80	22.497	3342	3346	3354	rVB4	81462	184514	4.37%	0.398%
81	22.709	3377	3382	3385	rBV3	62401	114907	2.72%	0.248%
82	23.537	3517	3523	3531	rVB4	69212	188260	4.46%	0.406%
83	23.925	3578	3589	3596	rBV2	726667	2645642	62.70%	5.708%
84	24.178	3625	3632	3642	rVB	153581	408428	9.68%	0.881%
85	24.648	3703	3712	3726	rVB	321820	1057382	25.06%	2.281%
86	24.806	3728	3739	3751	rVV	494873	1510253	35.79%	3.258%
87	24.947	3757	3763	3769	rBV3	92967	251739	5.97%	0.543%
88	25.029	3771	3777	3792	rVB3	134728	472834	11.21%	1.020%
89	25.993	3934	3941	3953	rVB7	53385	201971	4.79%	0.436%
90	28.672	4387	4397	4416	rVB3	138476	747988	17.73%	1.614%

Sum of corrected areas: 46348978

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
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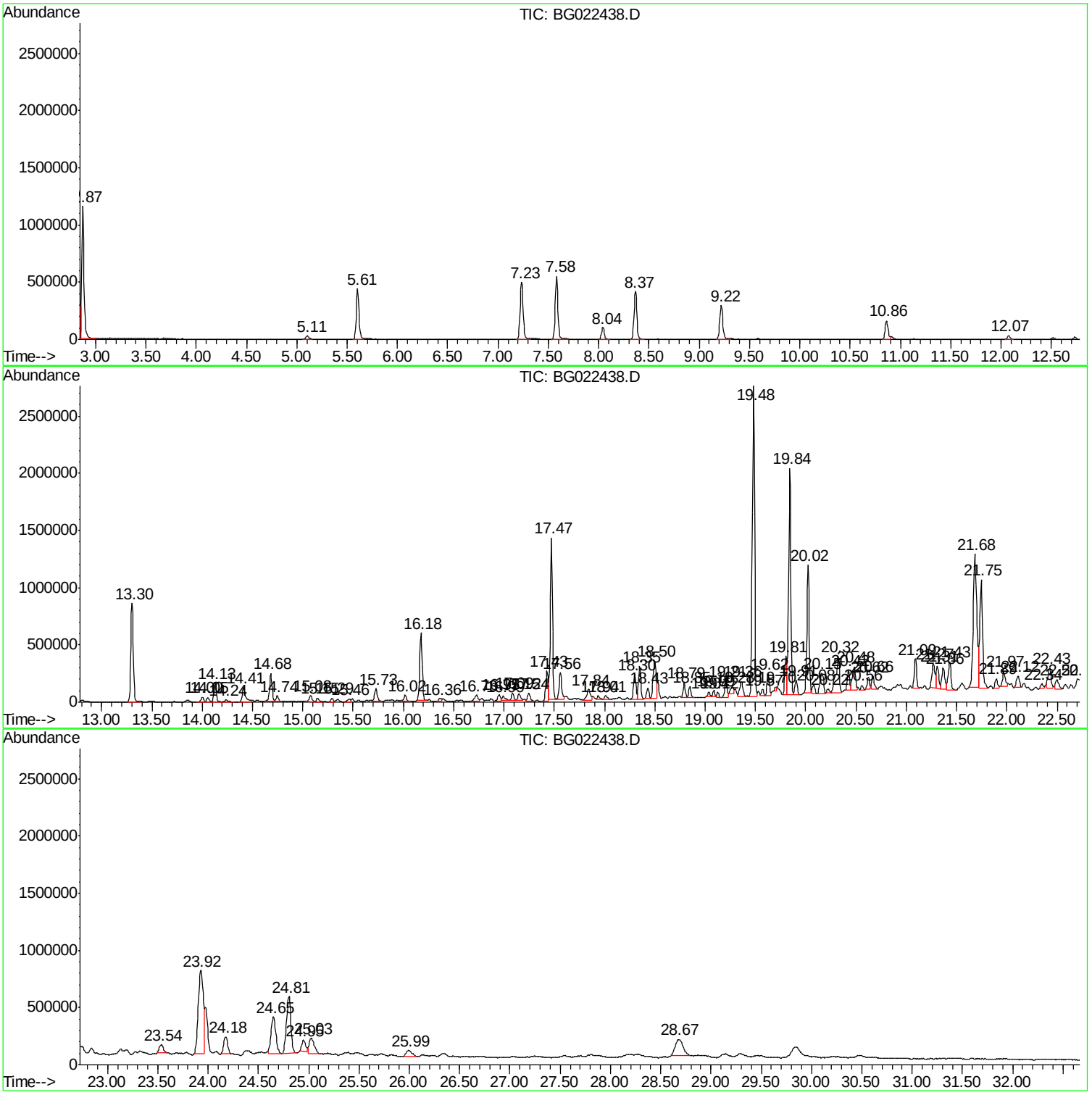
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
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Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

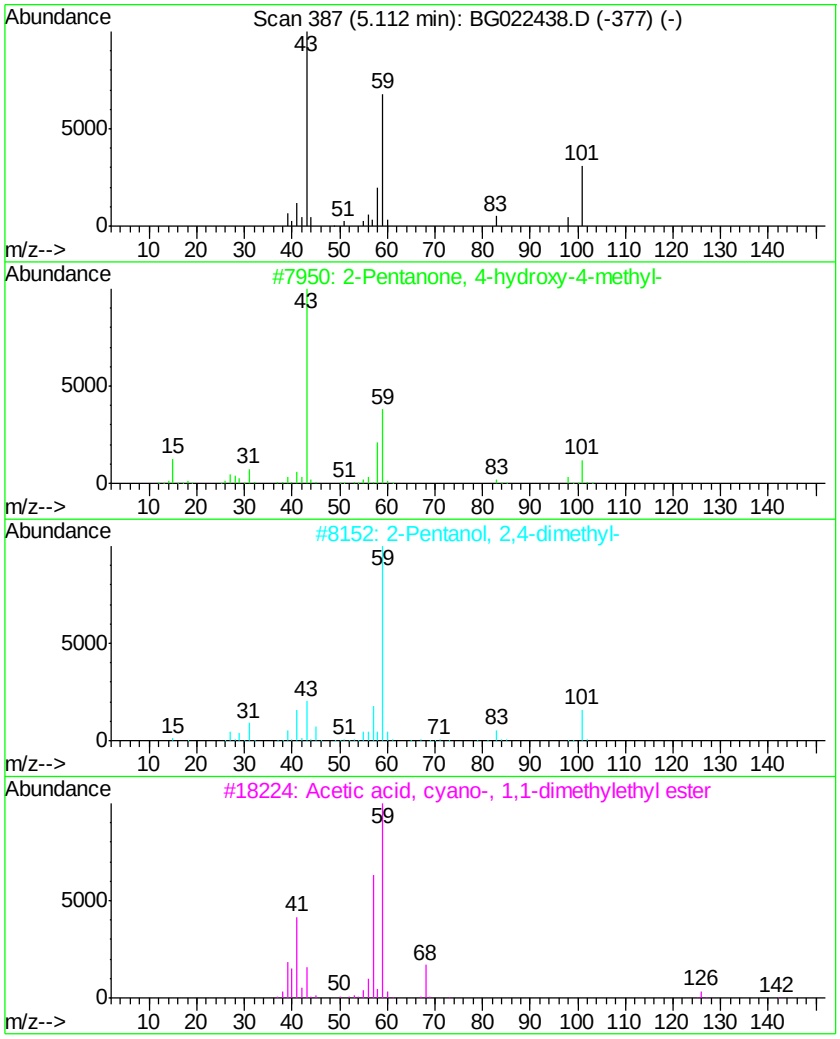
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

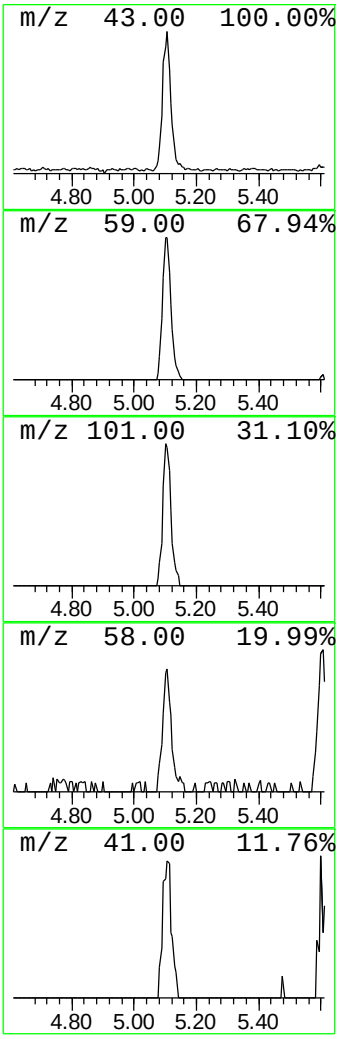
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	5.66 ng	54089	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Guanidine	59	CH5N3	000113-00-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

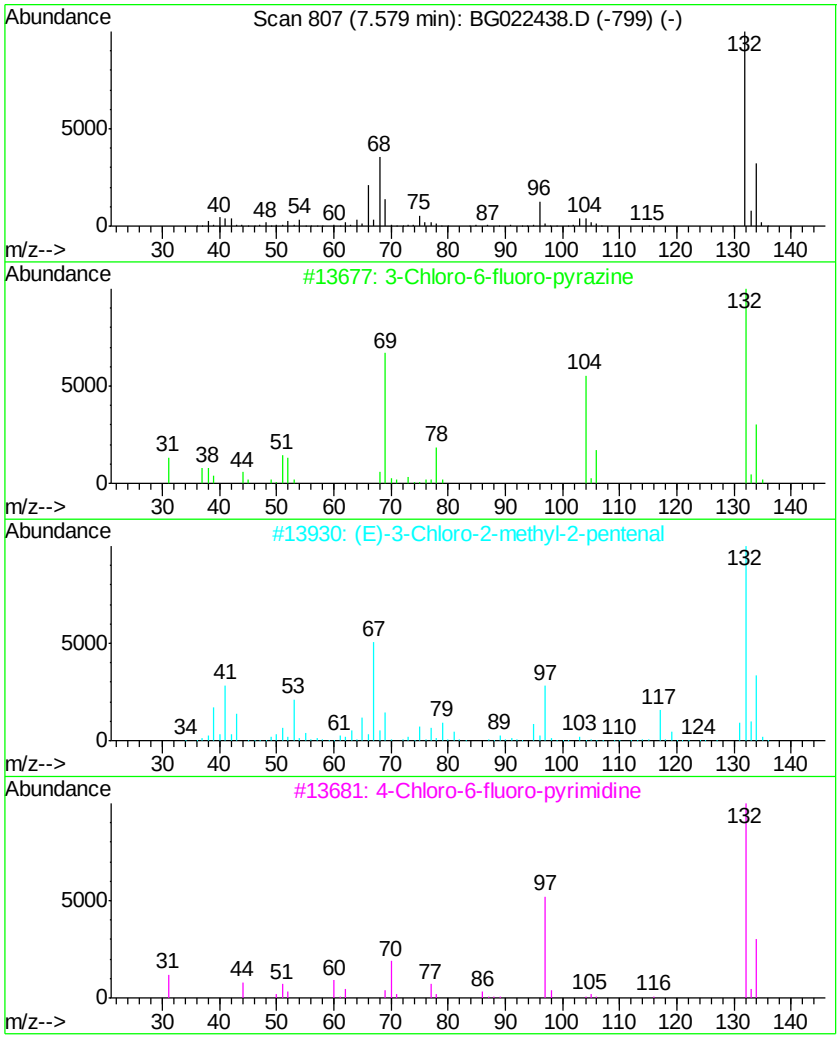
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

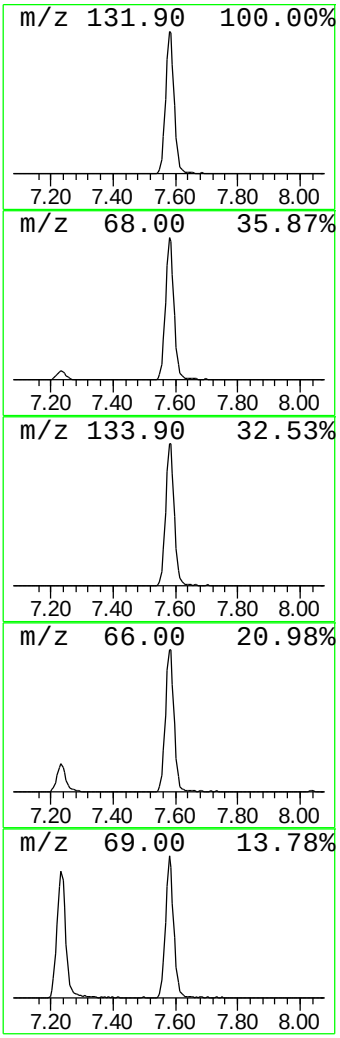
****

Peak Number 3 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	111.43 ng	1065440	1,4-Dichlorobenzene-d4	8.04

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	35
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





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Sample : H3471-28
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Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

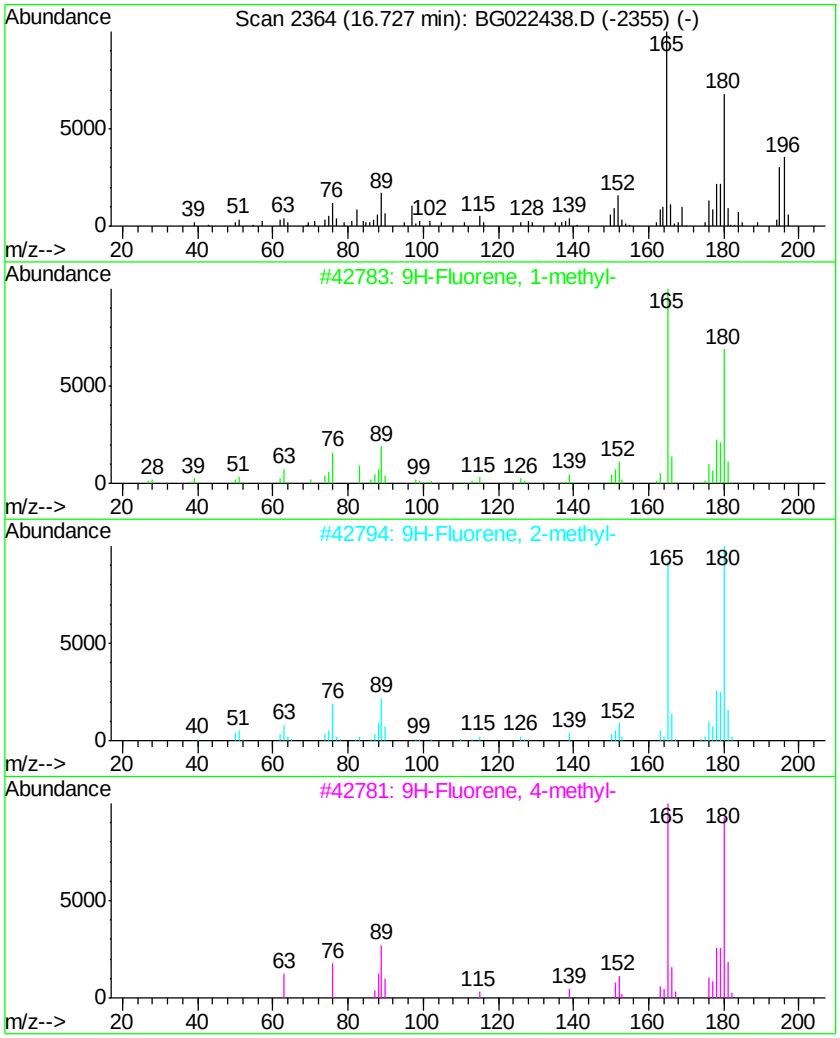
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

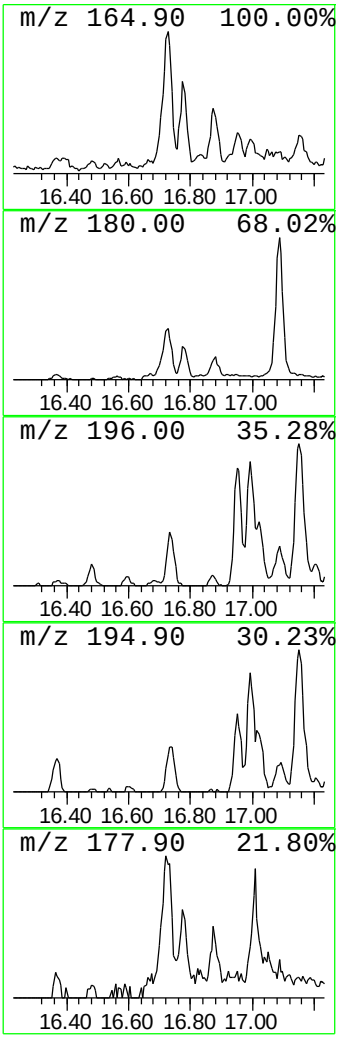
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.09 ng	115550	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	78
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	70





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Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
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Sample : H3471-28
Misc :
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Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

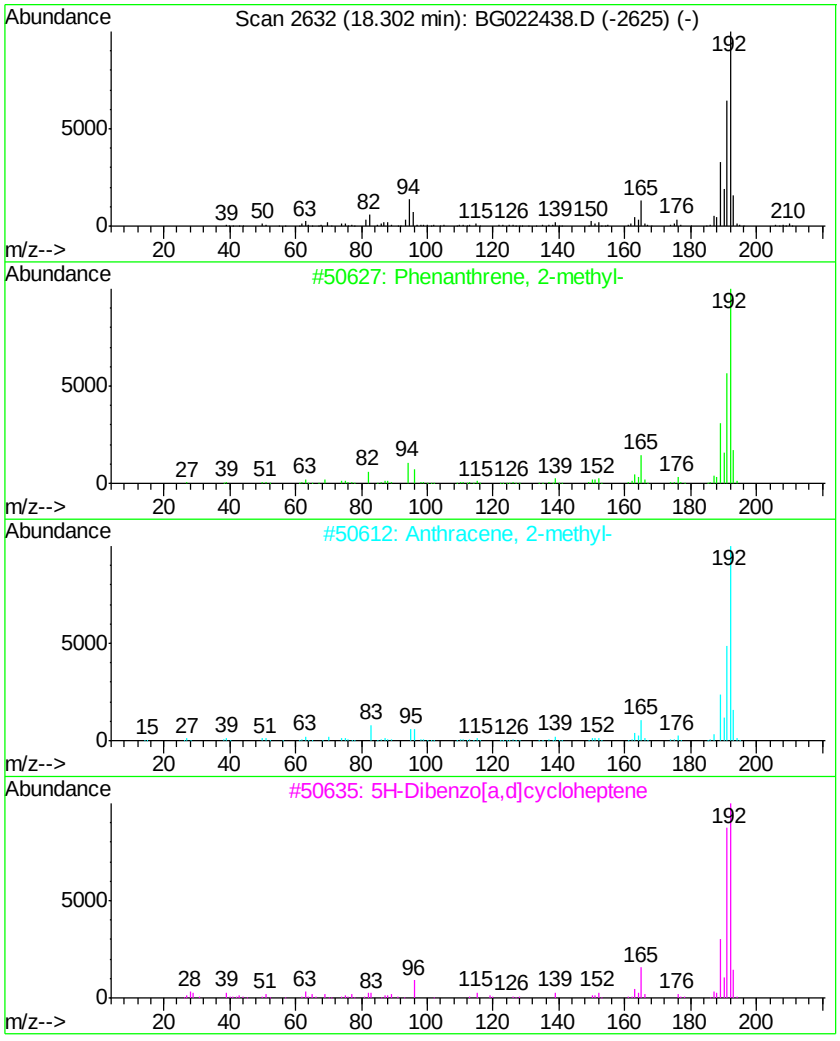
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

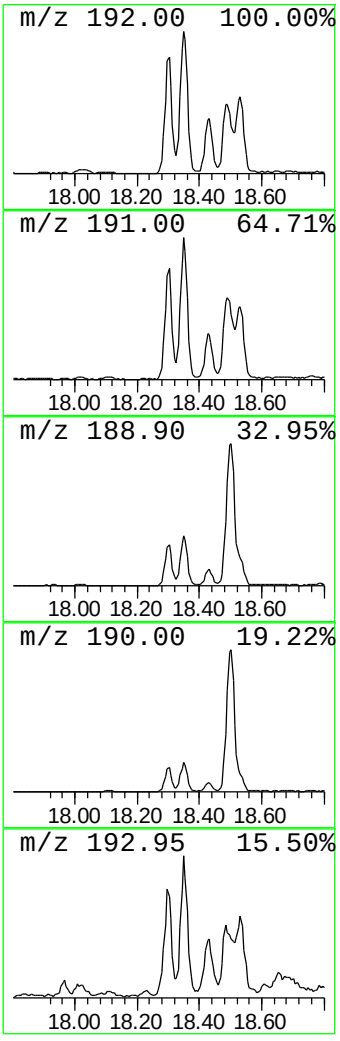
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	15.73 ng	357016	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

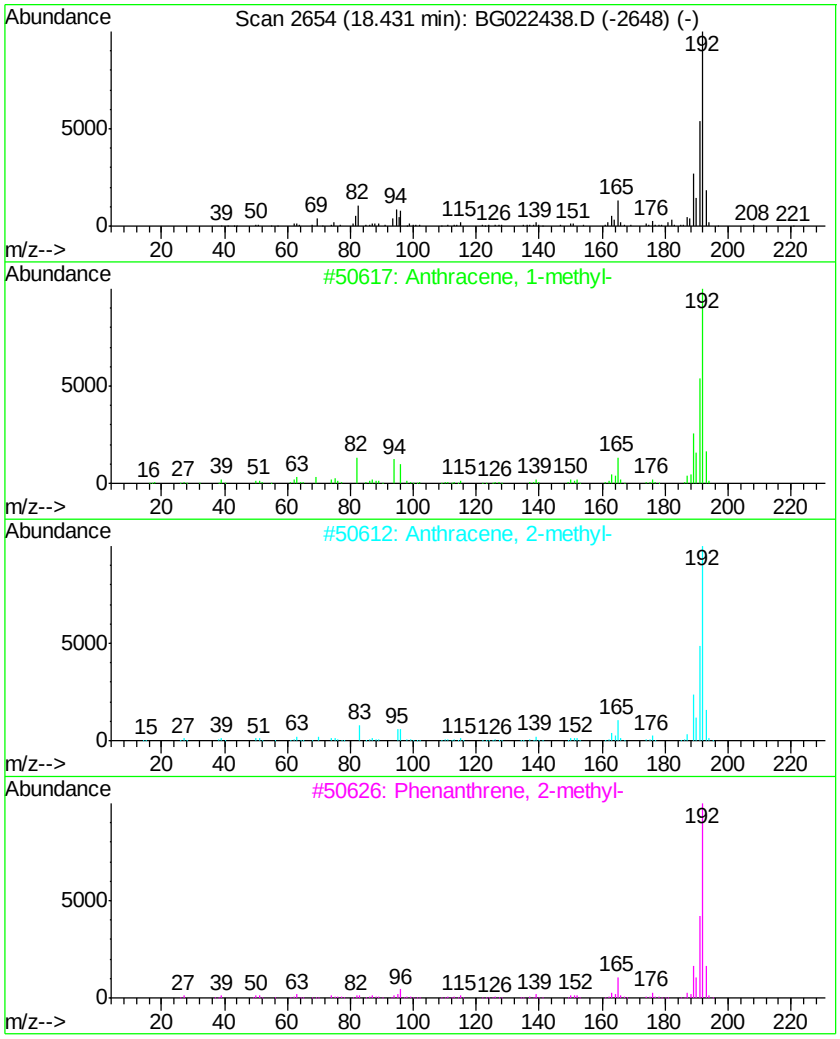
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

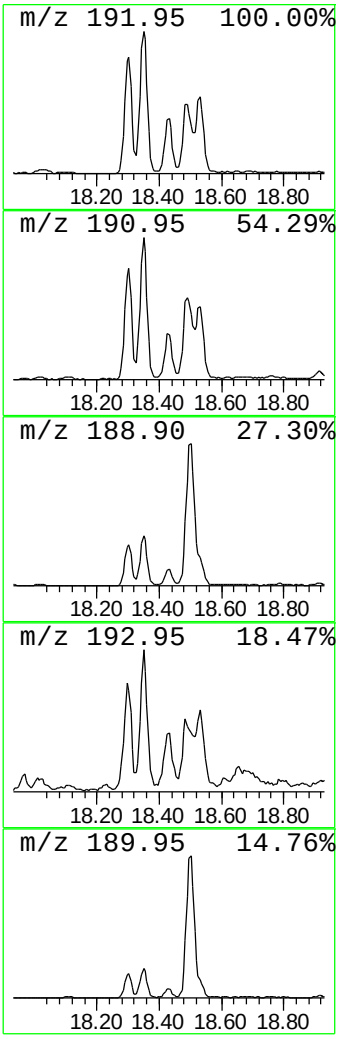
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	6.47 ng	146733	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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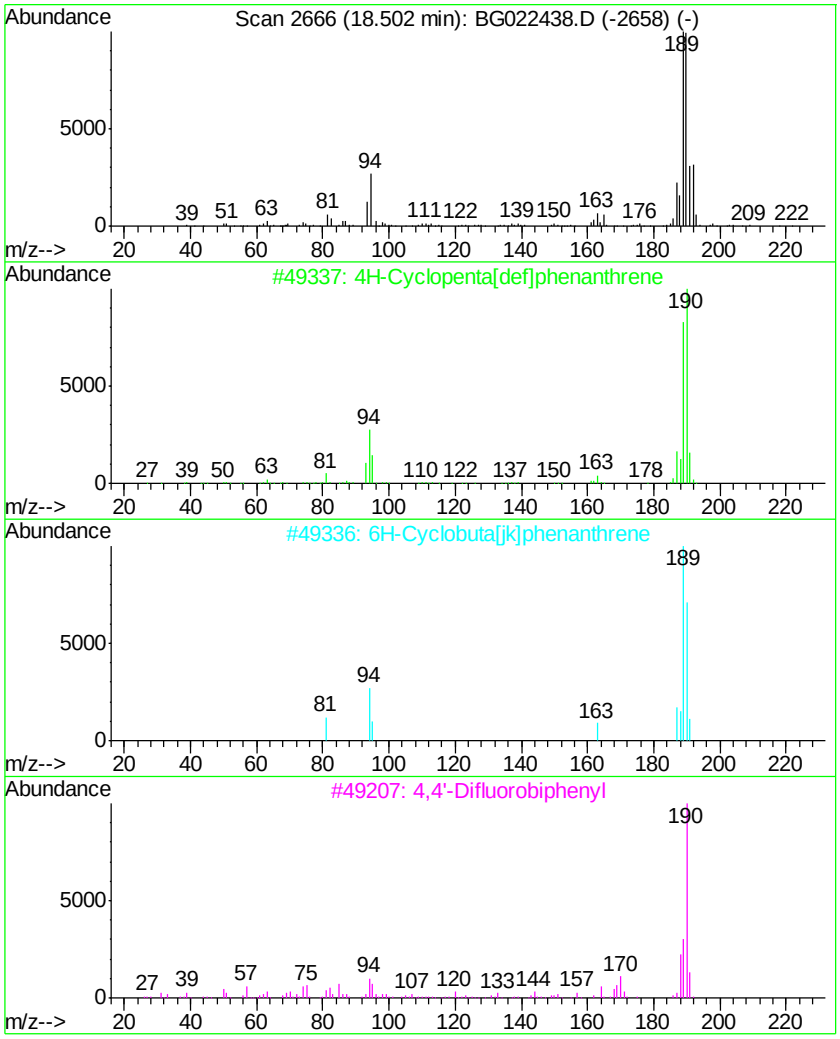
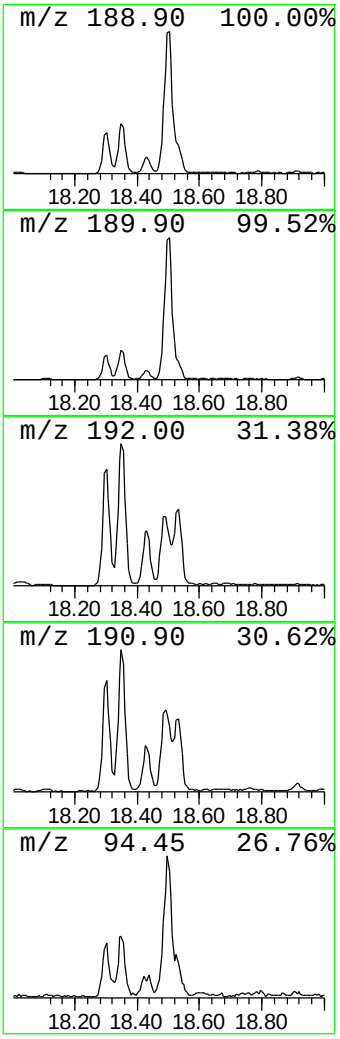
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	29.10 ng	660377	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17
4	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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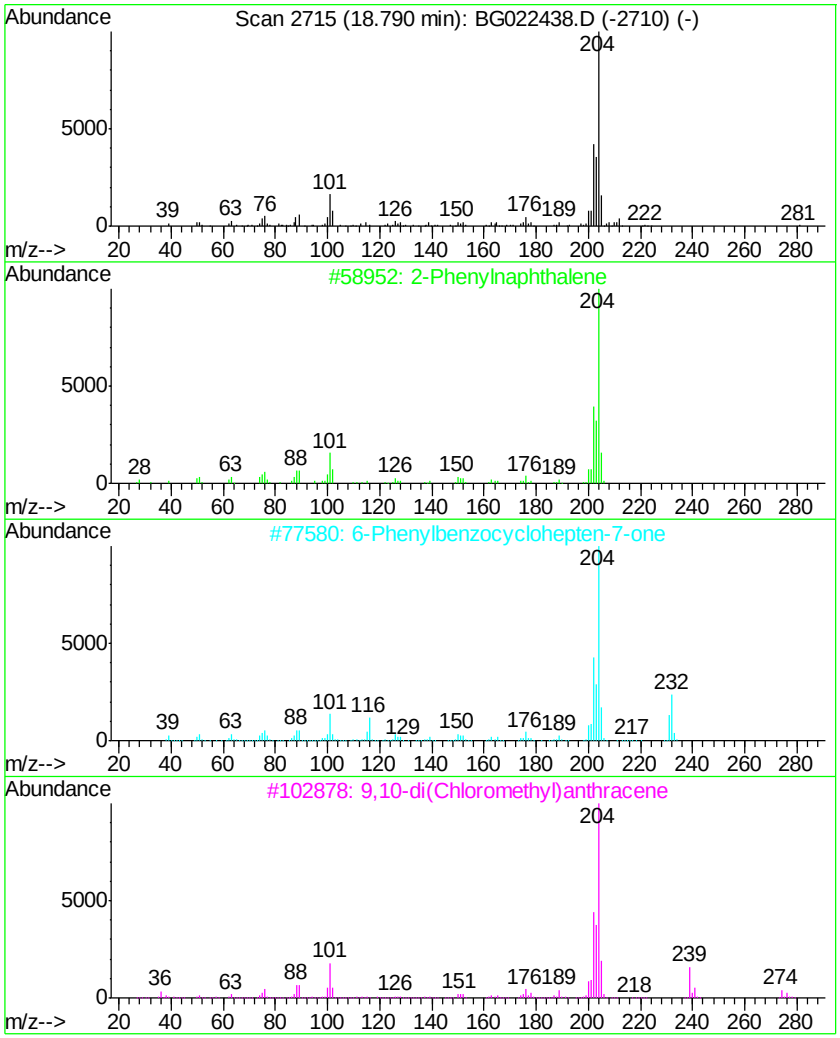
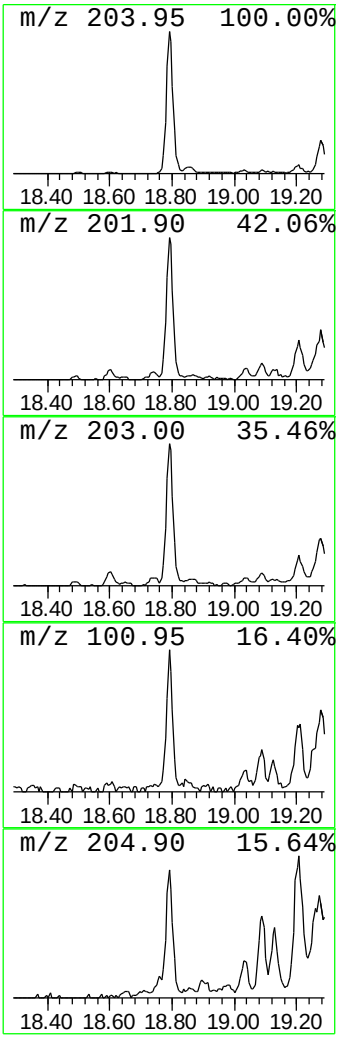
Peak Number 10 2-Phenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	8.72 ng	197919	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86





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Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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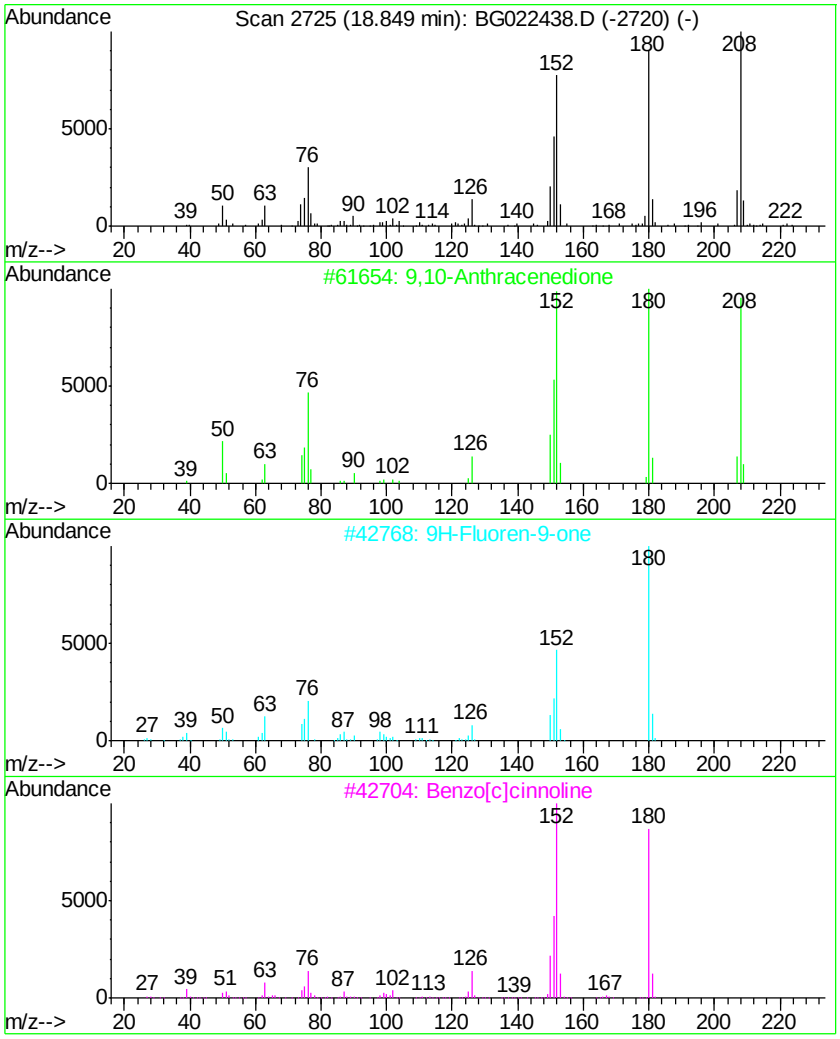
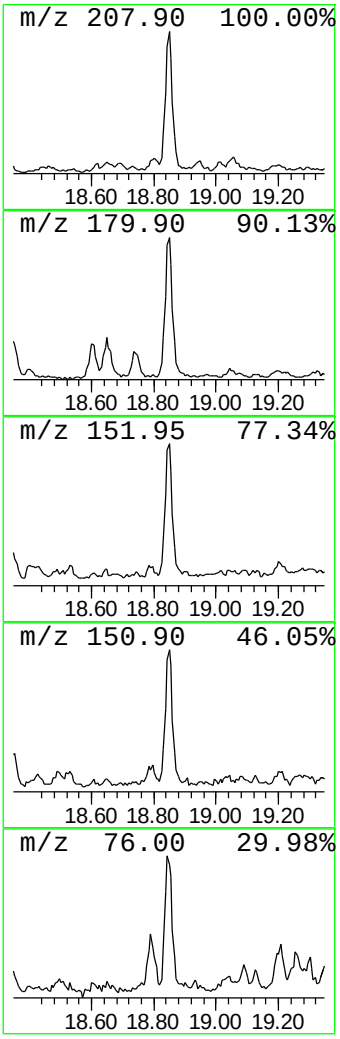
Peak Number 11 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	7.00 ng	158789	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	52





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Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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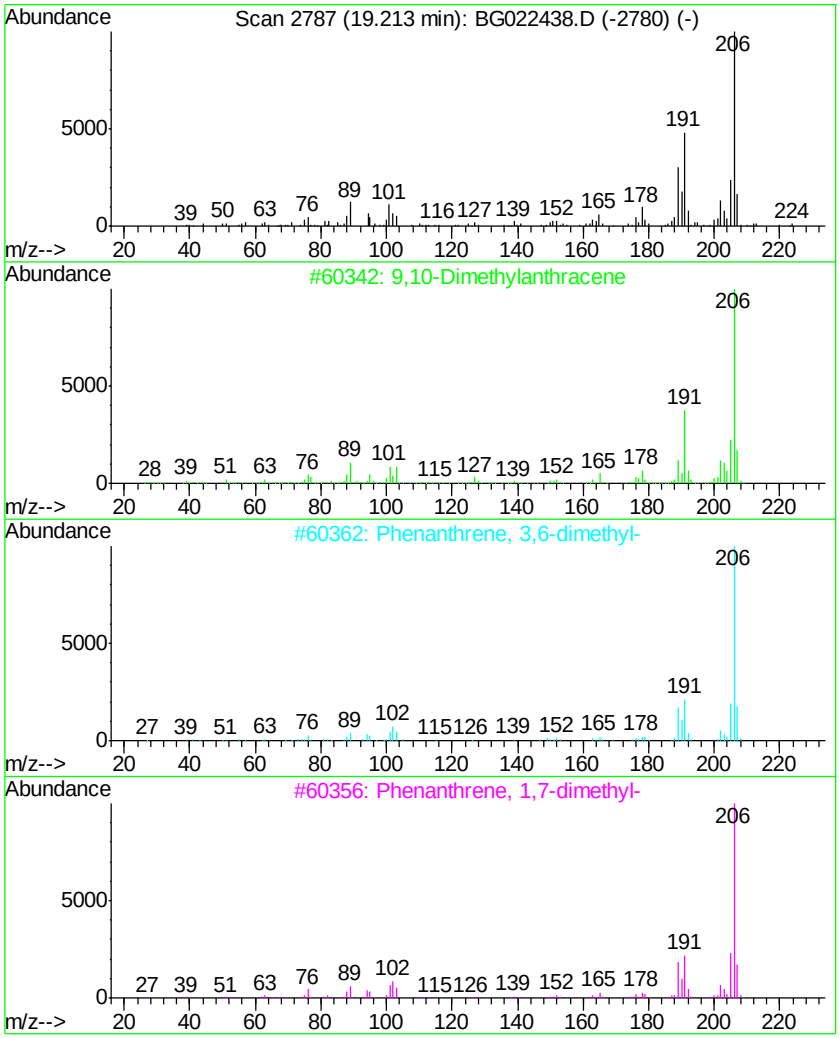
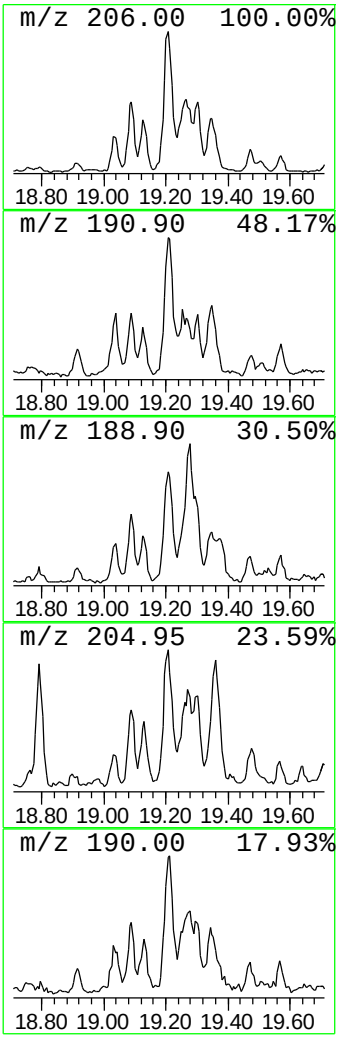
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	11.21 ng	254432	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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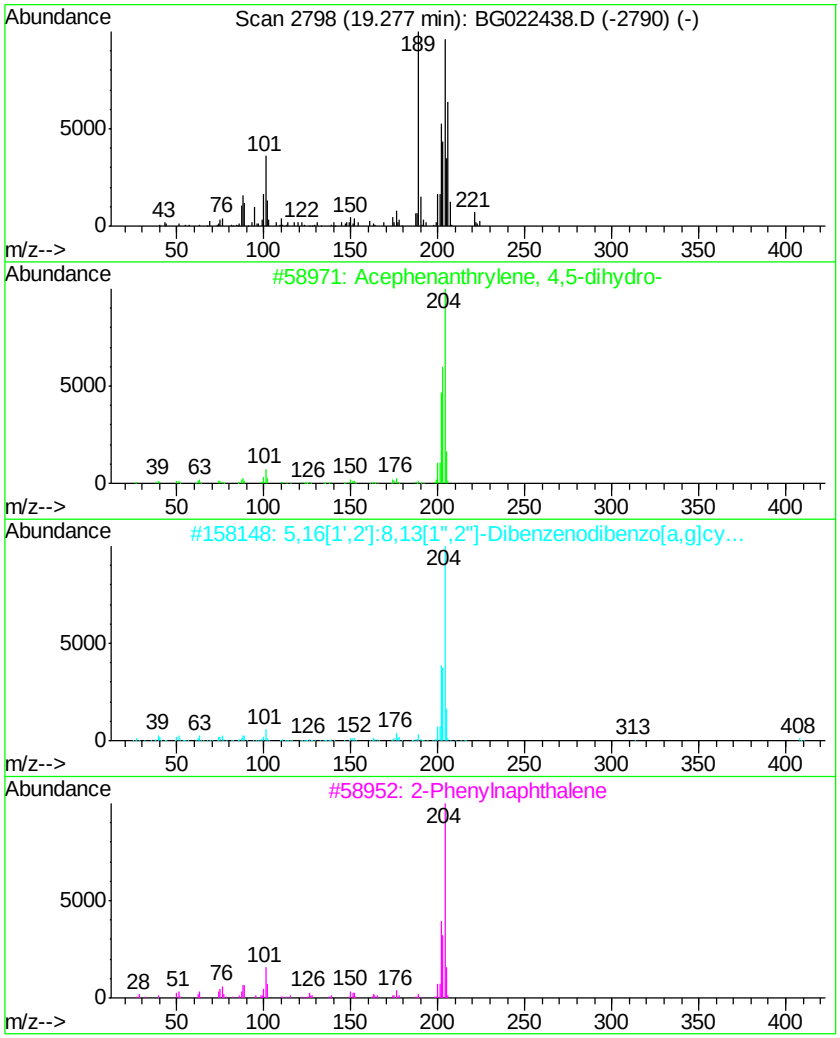
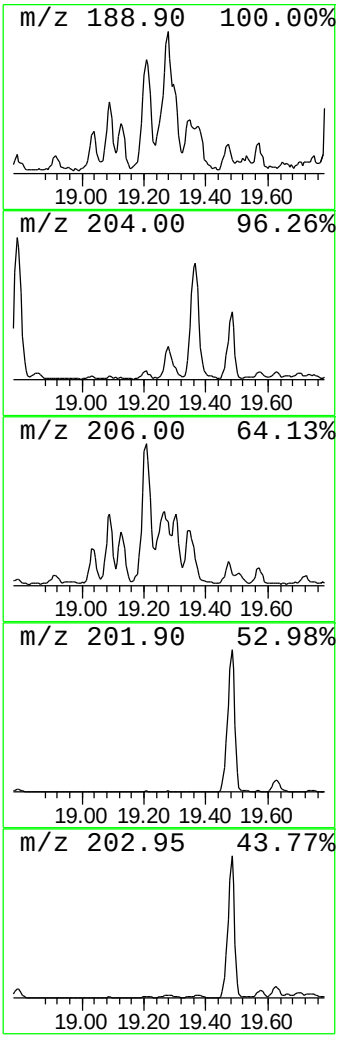
Peak Number 13 unknown19.28 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	5.66 ng	128530	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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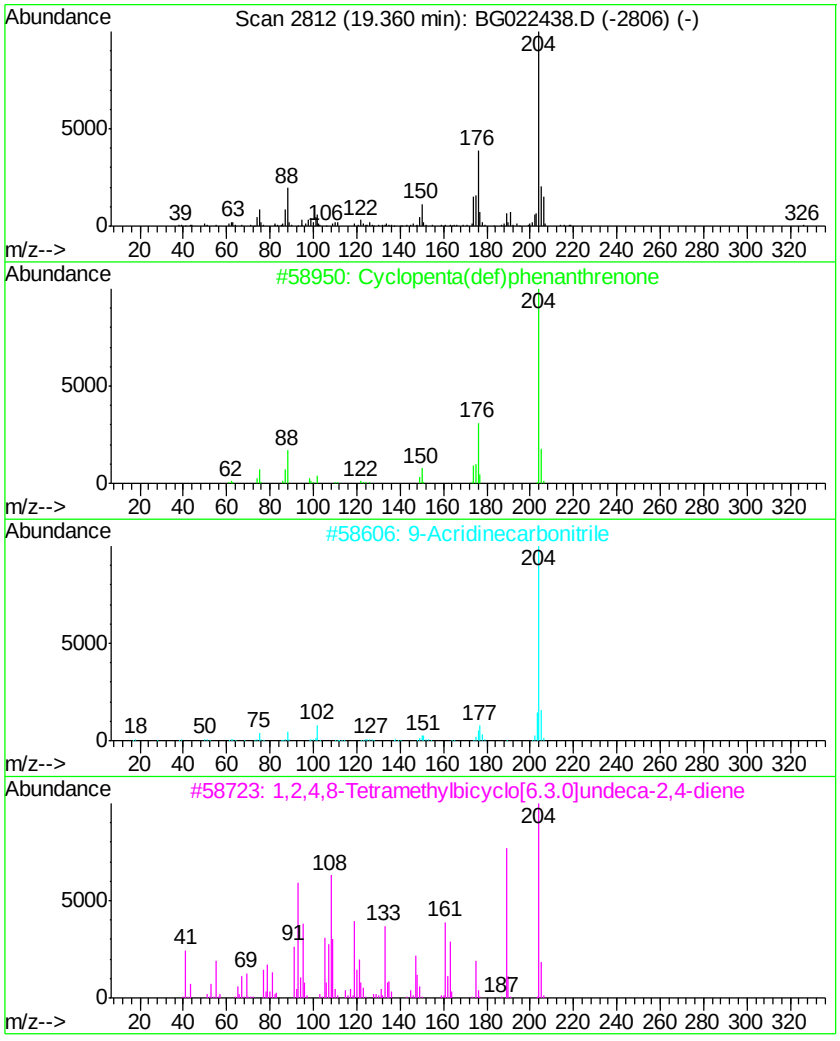
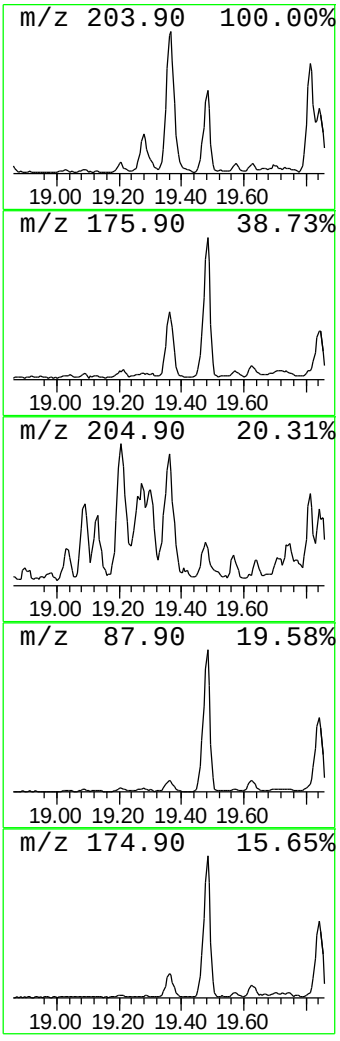
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	12.00 ng	272243	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	43





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Data File : BG022438.D
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Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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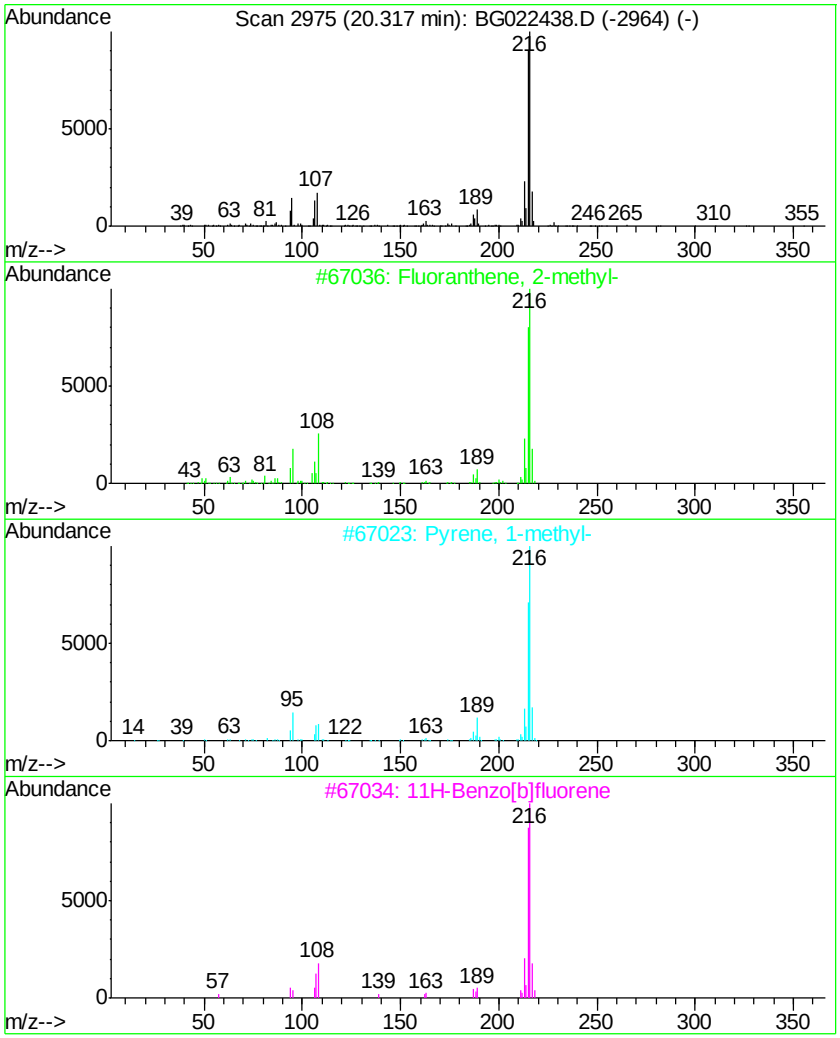
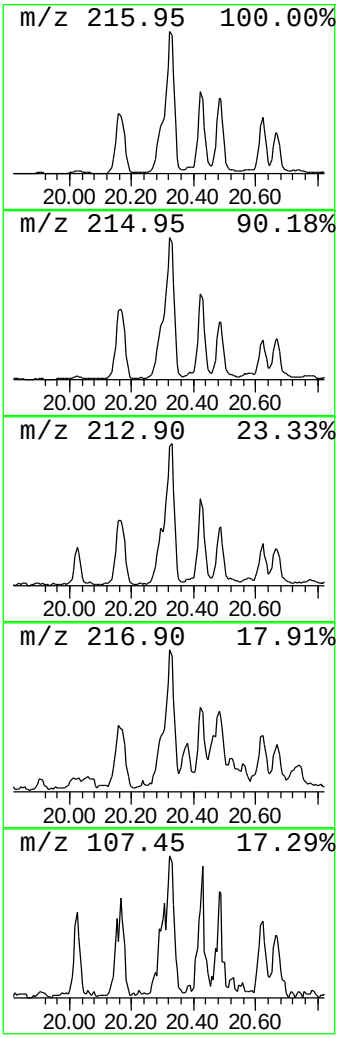
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	5.44 ng	798001	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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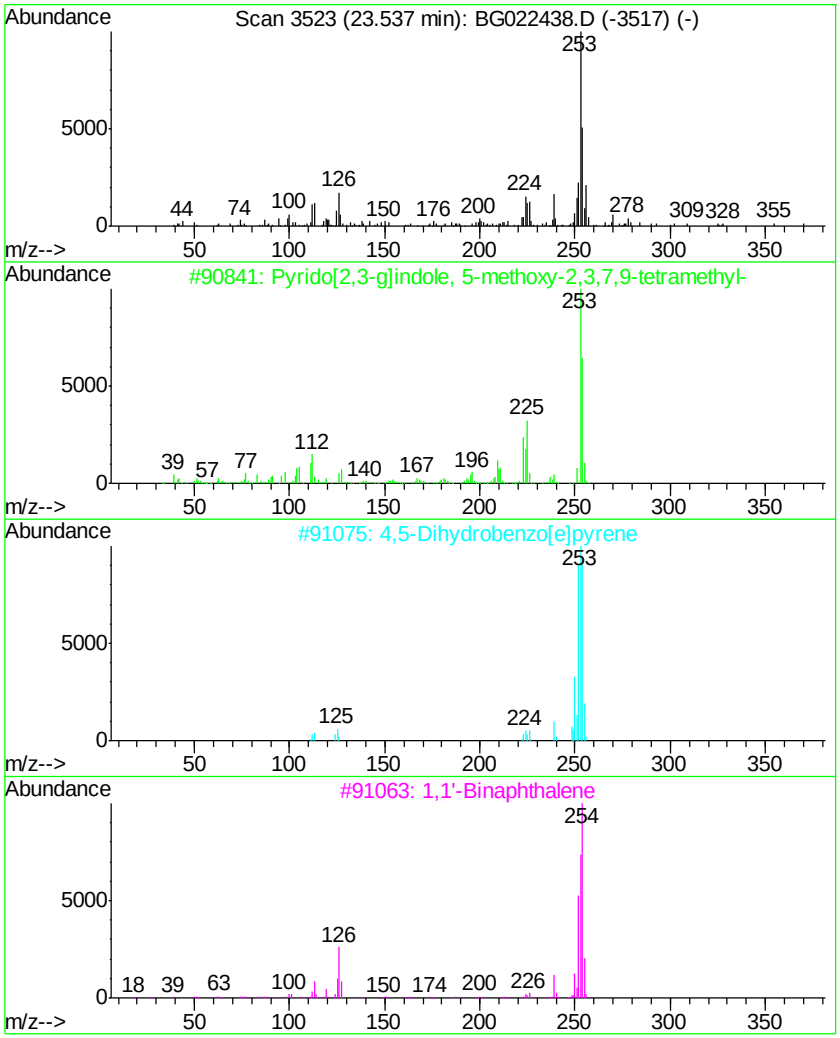
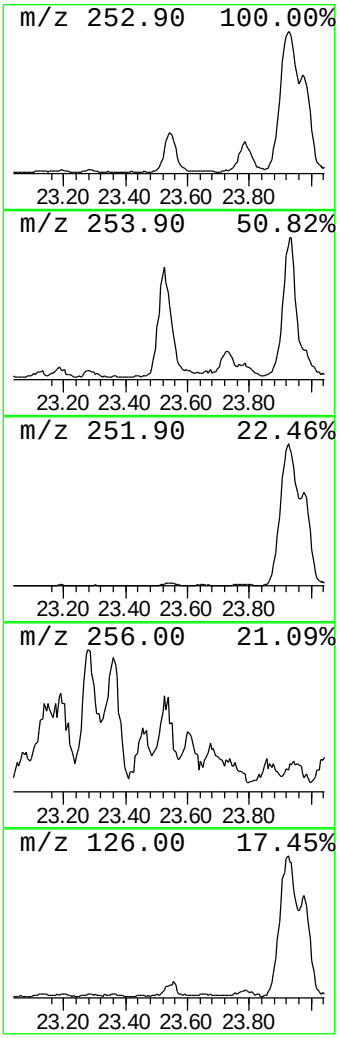
Peak Number 16 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	14.96 ng	188260	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	58
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	55
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	50
4	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	43
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	38





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

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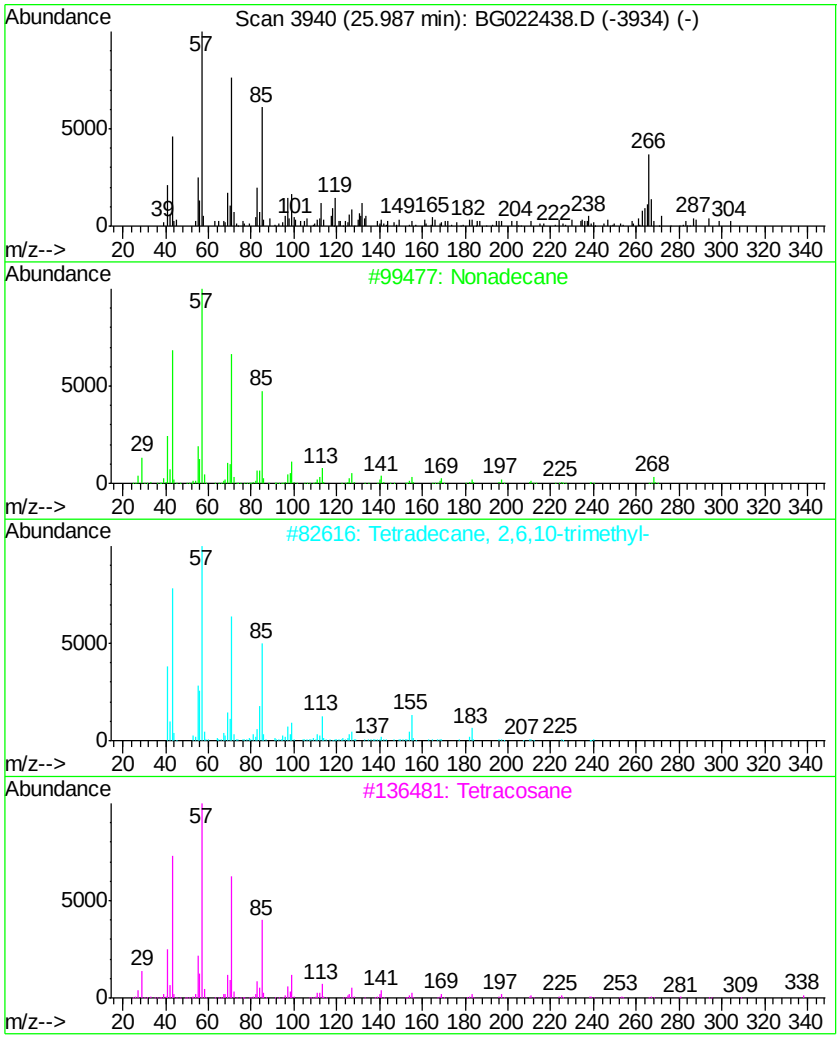
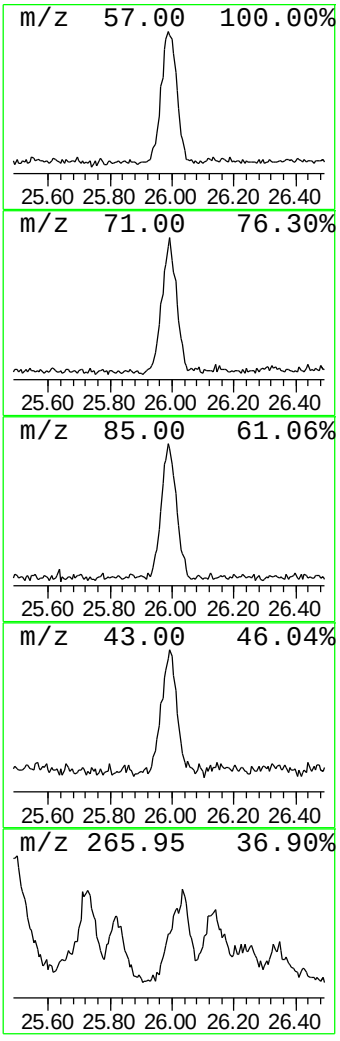
Peak Number 20 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.99	16.05 ng	201971	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	49
3	Tetracosane	338	C24H50	000646-31-1	46
4	Octadecane	254	C18H38	000593-45-3	43
5	Octacosane	394	C28H58	000630-02-4	43





Tentatively Identified Compound (LSC) summary

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Data File : BG022438.D
Acq On : 19 Jun 2016 00:38
Operator : UM/SJ
Sample : H3471-28
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1172-(0-4)

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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...	5.11	5.7	ng	54089	1	8.04	191235	20.0
unknown7.58	7.58	111.4	ng	1065440	1	8.04	191235	20.0
9H-Fluorene, 1-me...	16.73	5.1	ng	115550	4	17.43	453839	20.0
Phenanthrene, 2-m...	18.30	15.7	ng	357016	4	17.43	453839	20.0
Anthracene, 1-met...	18.43	6.5	ng	146733	4	17.43	453839	20.0
4H-Cyclopenta[def...	18.50	29.1	ng	660377	4	17.43	453839	20.0
2-Phenylnaphthalene	18.79	8.7	ng	197919	4	17.43	453839	20.0
9,10-Anthracenedione	18.85	7.0	ng	158789	4	17.43	453839	20.0
9,10-Dimethylanth...	19.21	11.2	ng	254432	4	17.43	453839	20.0
unknown19.28	19.28	5.7	ng	128530	4	17.43	453839	20.0
Cyclopenta(def)ph...	19.36	12.0	ng	272243	4	17.43	453839	20.0
Fluoranthene, 2-m...	20.32	5.4	ng	798001	5	21.70	2933380	20.0
Pyrido[2,3-g]indo...	23.54	15.0	ng	188260	6	24.95	251739	20.0
Nonadecane	25.99	16.1	ng	201971	6	24.95	251739	20.0