LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

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-BG022916.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	3.059	32	37	57	rVB	1545568	2111608	100.00%	23.114%
2	3.206	57	62	71	rVB2	14451	26050	1.23%	0.285%
3	5.238	400	408	417	rBV	302756	454070	21.50%	4.970%
4	5.697	481	486	495	rVB	27114	42472	2.01%	0.465%
5	7.295	750	758	766	rBV	219631	370020	17.52%	4.050%
6	7.677	816	823	830	rBV	103888	178244	8.44%	1.951%
7	8.147	894	903	908	rBV	49630	82839	3.92%	0.907%
8	8.470	951	958	965	rBV	168718	281640	13.34%	3.083%
9	9.310	1094	1101	1109	rVB	167804	297166	14.07%	3.253%
10	10.955	1375	1381	1386	rBV	77462	133321	6.31%	1.459%
11	13.382	1787	1794	1801	rBV	394381	589015	27.89%	6.447%
12	14.199	1927	1933	1939	rVB	53424	77062	3.65%	0.844%
13	14.751	2022	2027	2034	rVV2	116227	187240	8.87%	2.050%
14	14.815	2034	2038	2046	rVB	14978	22614	1.07%	0.248%
15	15.573	2163	2167	2172	rVB	19712	26144	1.24%	0.286%
16	15.791	2199	2204	2212	rVB2	20653	30759	1.46%	0.337%
17	16.226	2275	2278	2287	rVB2	15991	23165	1.10%	0.254%
18	16.431	2309	2313	2316	rBV	18997	26120	1.24%	0.286%
19	17.224	2441	2448	2454	rBV4	19747	30518	1.45%	0.334%
20	17.489	2486	2493	2496	rBV	145800	220606	10.45%	2.415%
21	17.530	2496	2500	2508	rVV	201550	303741	14.38%	3.325%
22	17.618	2508	2515	2520	rVB	34257	52216	2.47%	0.572%
23	17.847	2549	2554	2558	rBV2	37797	57873	2.74%	0.633%
24	18.358	2635	2641	2645	rBV	39832	62345	2.95%	0.682%
25	18.405	2645	2649	2657	rVV2	42959	67437	3.19%	0.738%
26	18.488	2657	2663	2667	rVV	12709	21779	1.03%	0.238%
27	18.552	2667	2674	2678	rVV3	39642	88220	4.18%	0.966%
28	18.588	2678	2680	2685	rVB2	26601	32475	1.54%	0.355%
29	18.852	2719	2725	2727	rBV	21216	27900	1.32%	0.305%
30	18.893	2727	2732	2739	rVB3	23441	34727	1.64%	0.380%
31	19.263	2790	2795	2800	rBV4	23675	40826	1.93%	0.447%
32	19.322	2800	2805	2814	rVB6	11623	31731	1.50%	0.347%
33	19.404	2814	2819	2822	rBV3	16815	27401	1.30%	0.300%
34	19.528	2834	2840	2845	rVB	232364	327506	15.51%	3.585%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

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-BG022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.851	2890	2895	2897	rBV3	37689	60891	2.88%	0.667%
36	19.886	2897	2901	2908	rVB	229143	333772	15.81%	3.653%
37	19.956	2908	2913	2919	rVB5	17073	27130	1.28%	0.297%
38	20.080	2920	2934	2939	rBV	624778	843025	39.92%	9.228%
39	20.215	2948	2957	2962	rBV7	23255	66577	3.15%	0.729%
40	20.374	2975	2984	2989	rVB	43138	75159	3.56%	0.823%
41	20.474	2997	3001	3004	rBV	25710	32401	1.53%	0.355%
42	20.532	3005	3011	3015	rBV4	28255	62434	2.96%	0.683%
43	20.667	3031	3034	3038	rBV	21334	30961	1.47%	0.339%
44	20.714	3039	3042	3045	rBV	17068	23789	1.13%	0.260%
45	21.367	3150	3153	3158	rVB3	34209	47881	2.27%	0.524%
46	21.749	3209	3218	3223	rBV3	180469	462984	21.93%	5.068%
47	21.796	3223	3226	3234	rVB	88526	153993	7.29%	1.686%
48	23.975	3591	3597	3606	rBV2	50195	175779	8.32%	1.924%
49	24.863	3742	3748	3760	rVB2	51360	143508	6.80%	1.571%
50	25.021	3768	3775	3784	rVB3	76661	208621	9.88%	2.284%

Sum of corrected areas: 9135755

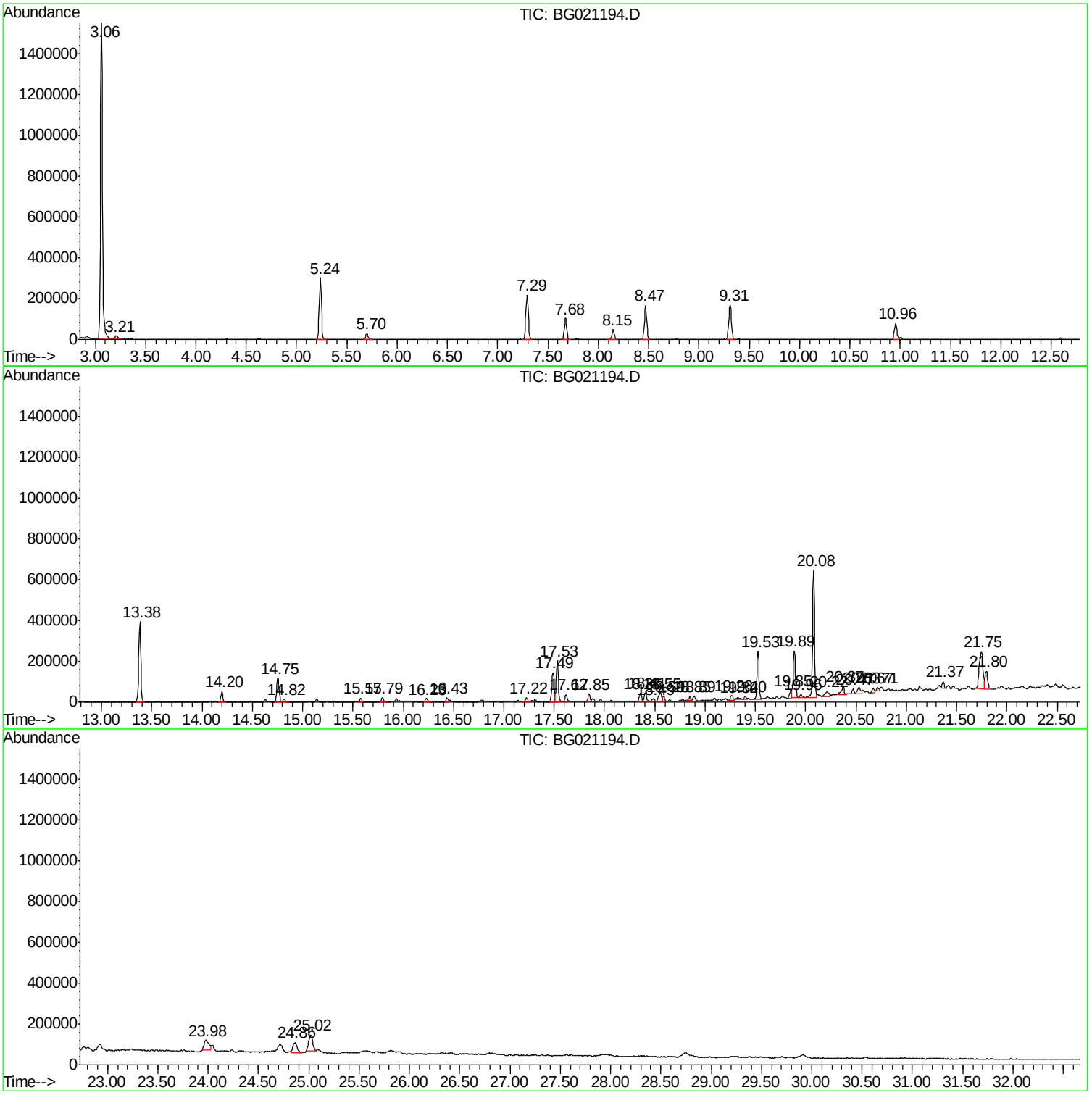
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

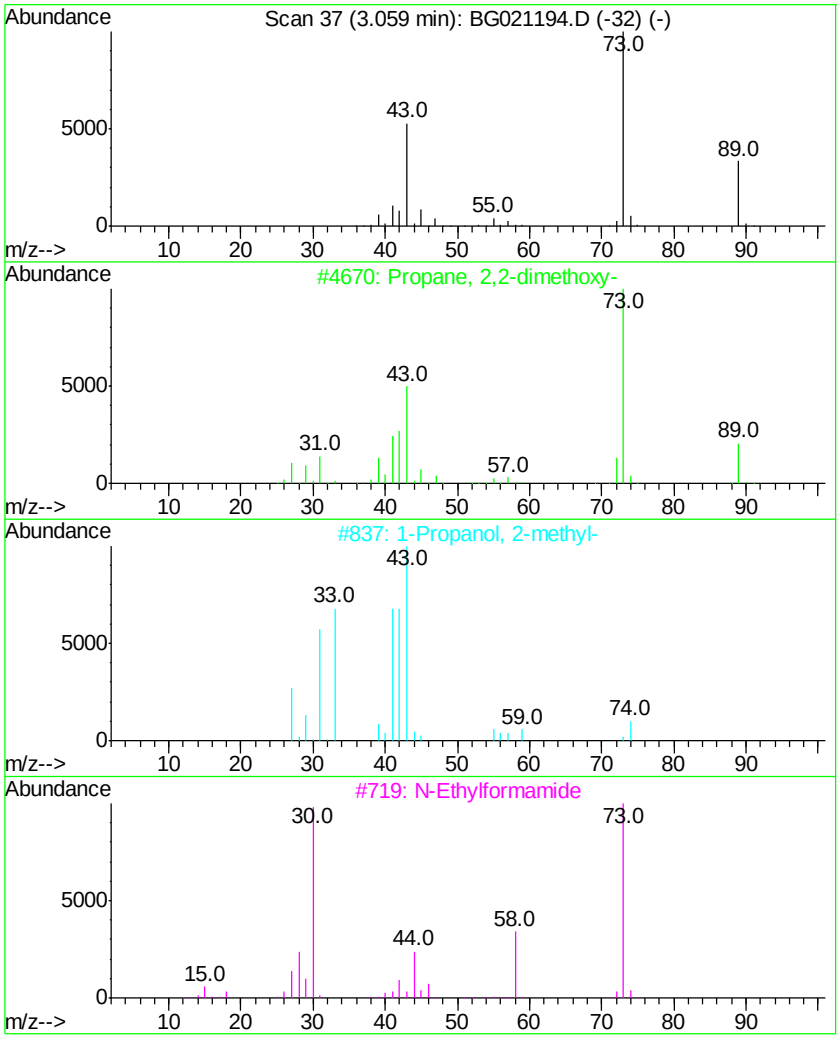
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

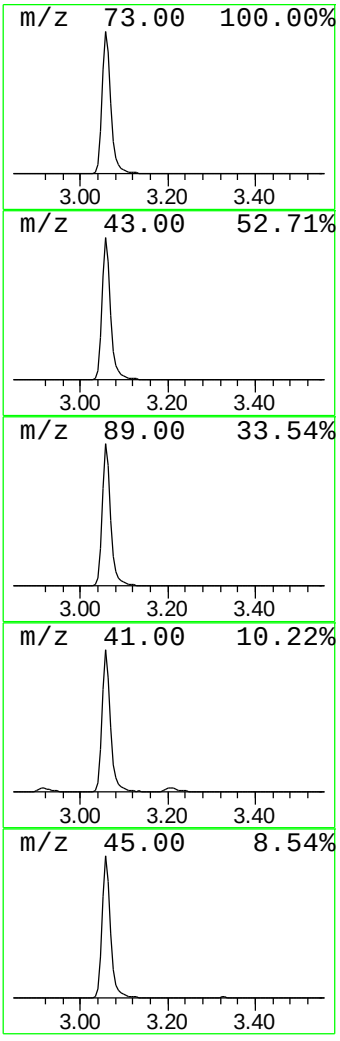
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	509.81 ng	2111610	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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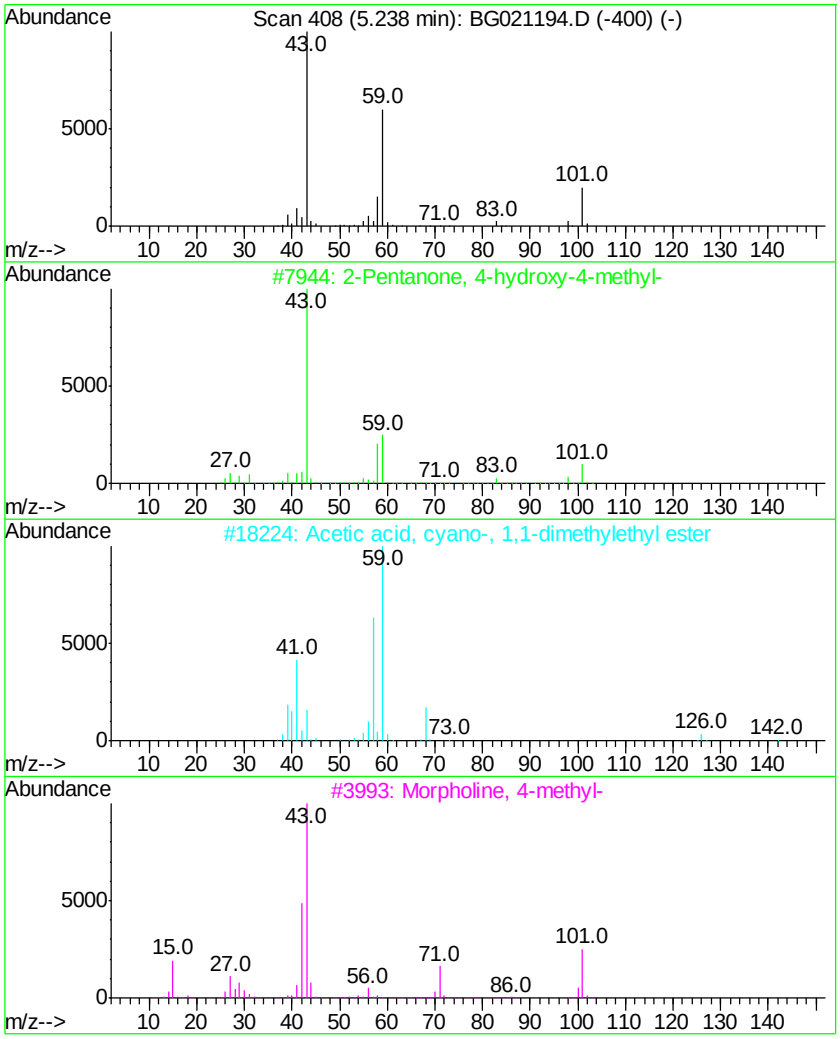
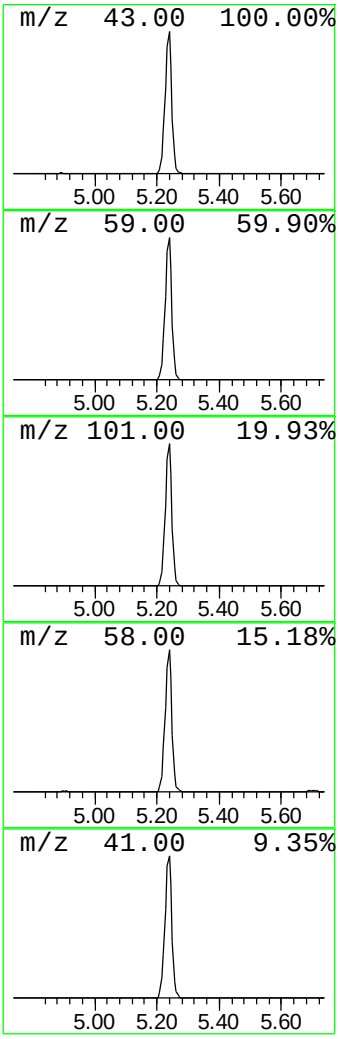
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	109.63 ng	454070	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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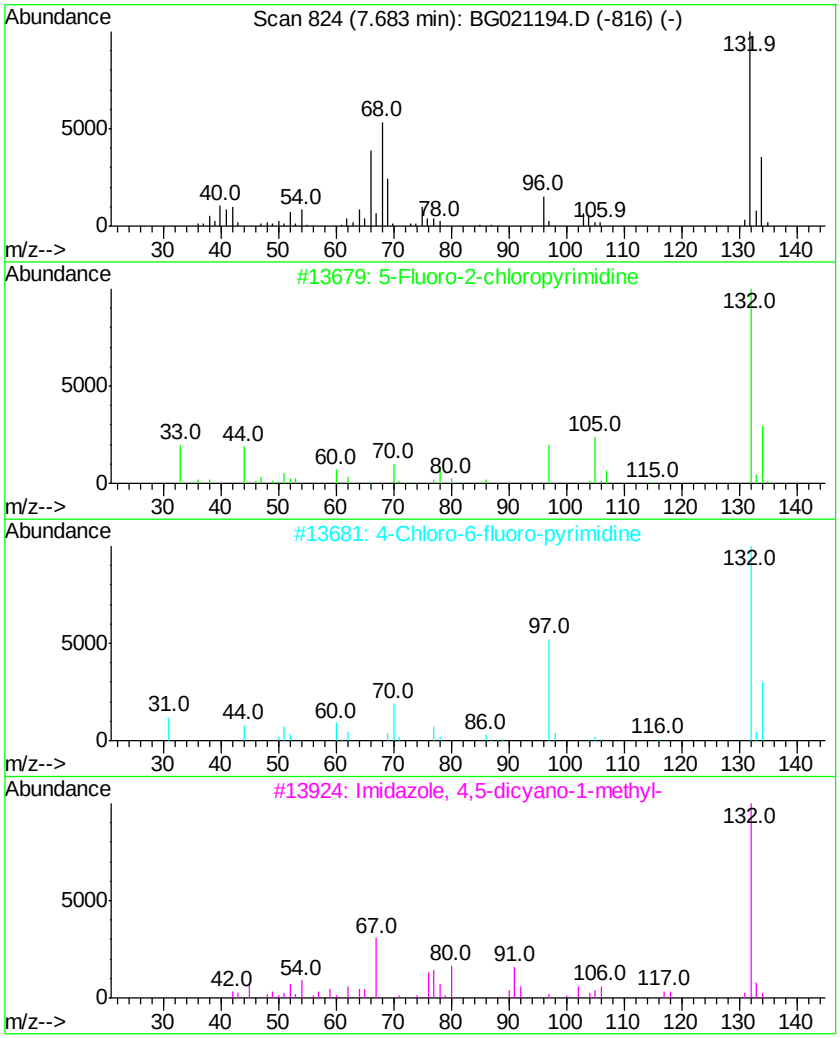
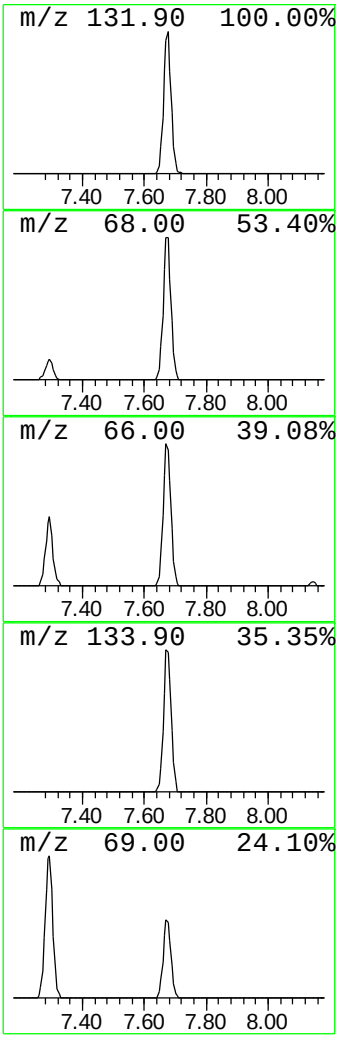
Peak Number 4 unknown7.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	43.03 ng	178244	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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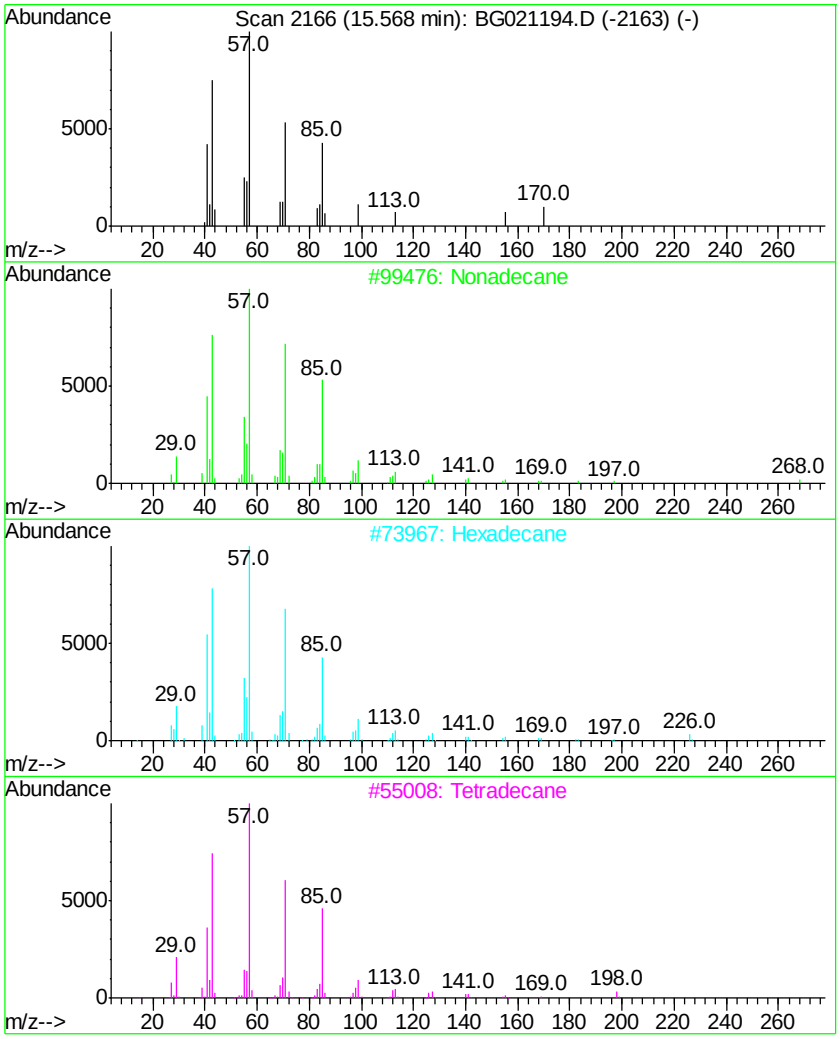
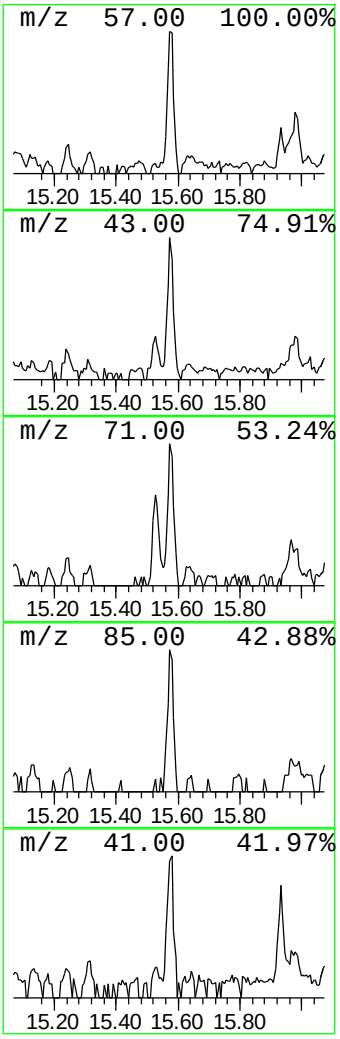
Peak Number 6 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.79 ng	26144	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Octadecane	254	C18H38	000593-45-3	86
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

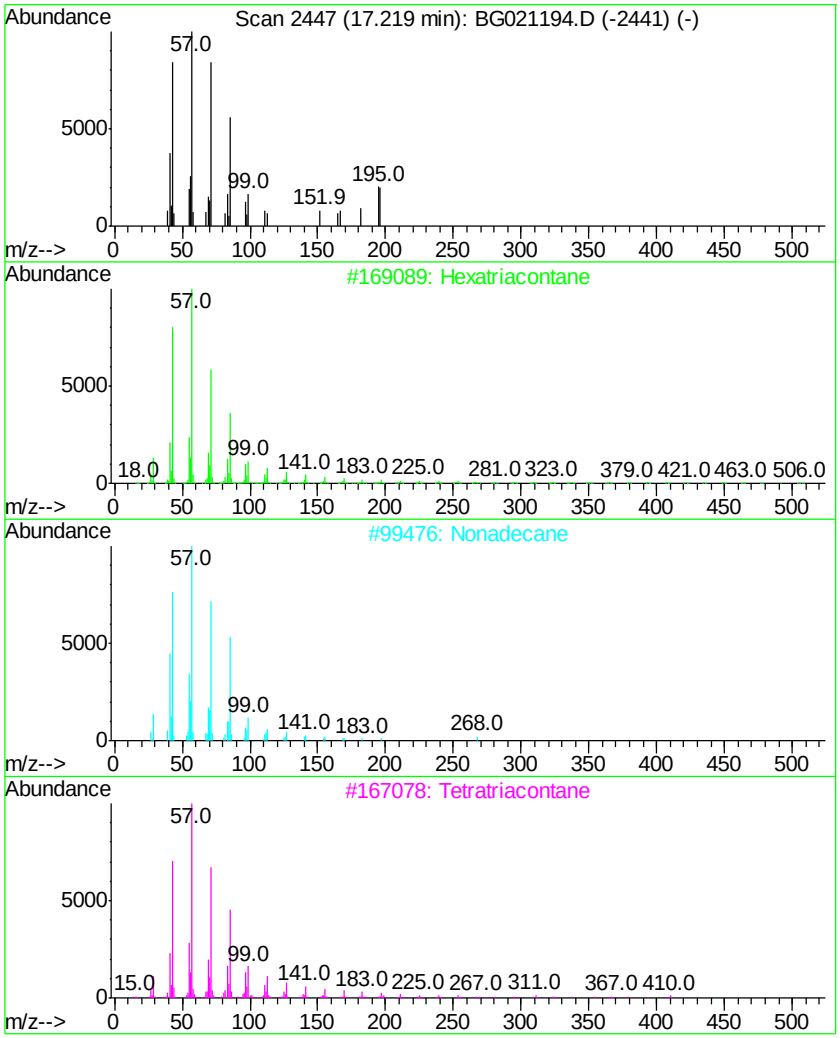
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

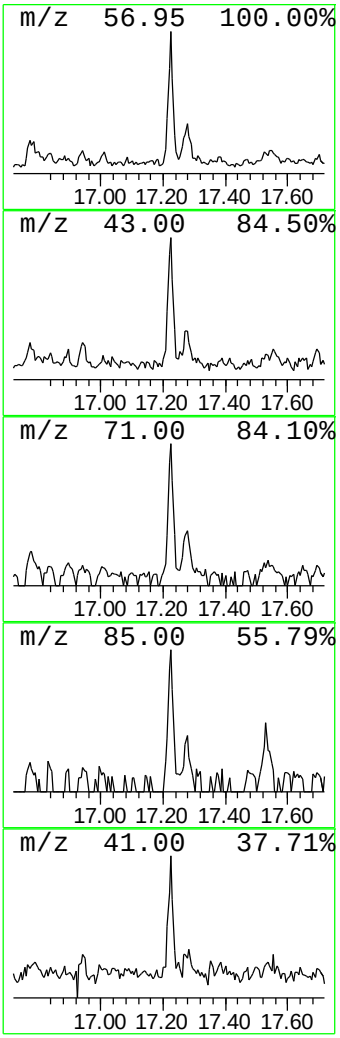
****

Peak Number 7 Hexatriacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.77 ng	30518	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	64
2	Nonadecane	268	C19H40	000629-92-5	64
3	Tetratriacontane	479	C34H70	014167-59-0	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5	Tetracosane	338	C24H50	000646-31-1	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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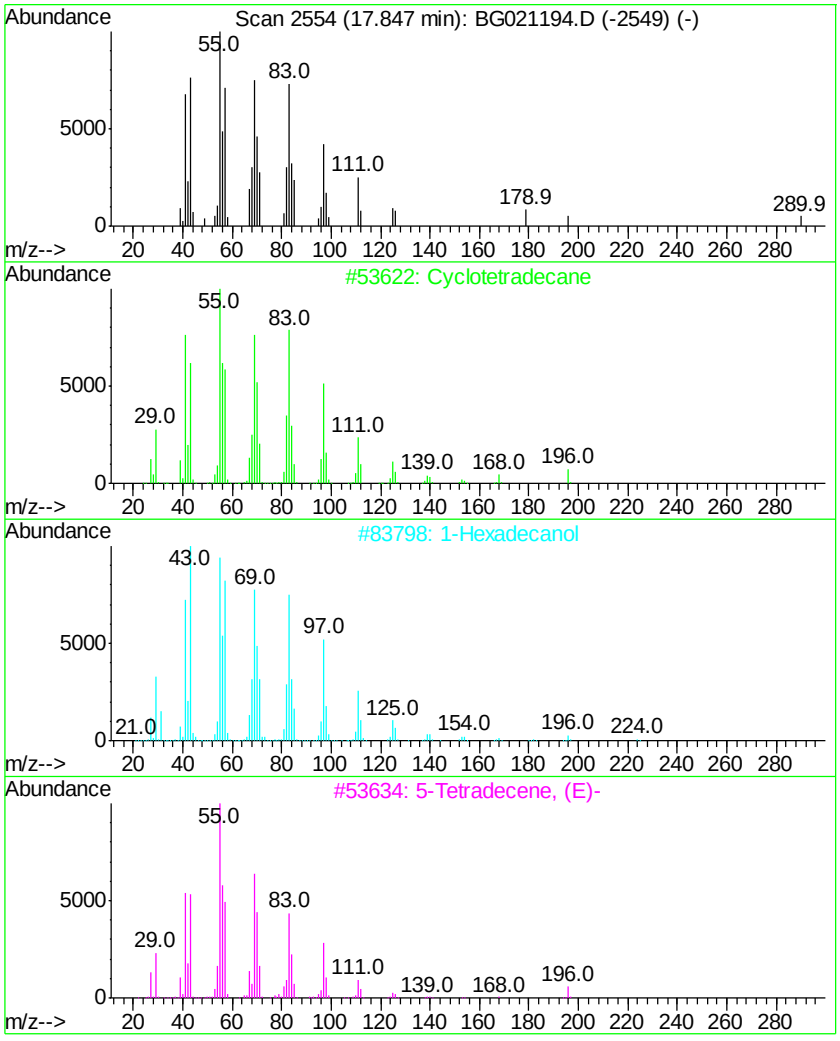
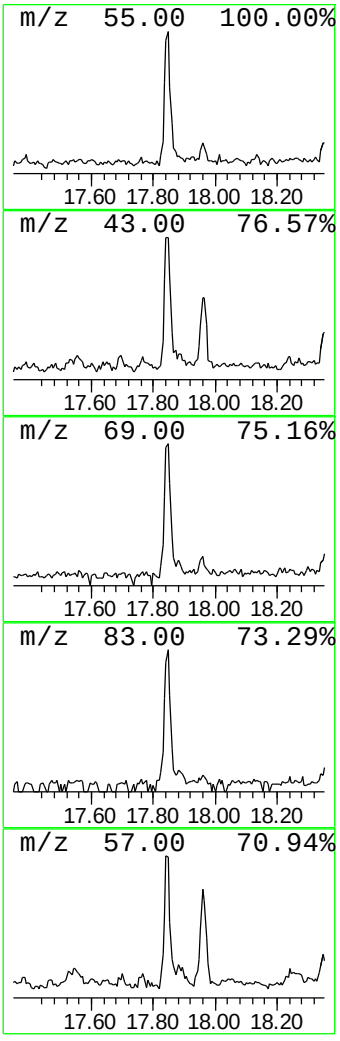
Peak Number 8 Cyclotetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	5.25 ng	57873	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	5-Tetradecene, (E)-	196	C14H28	041446-66-6	93
4	2-Tetradecene, (E)-	196	C14H28	035953-53-8	93
5	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

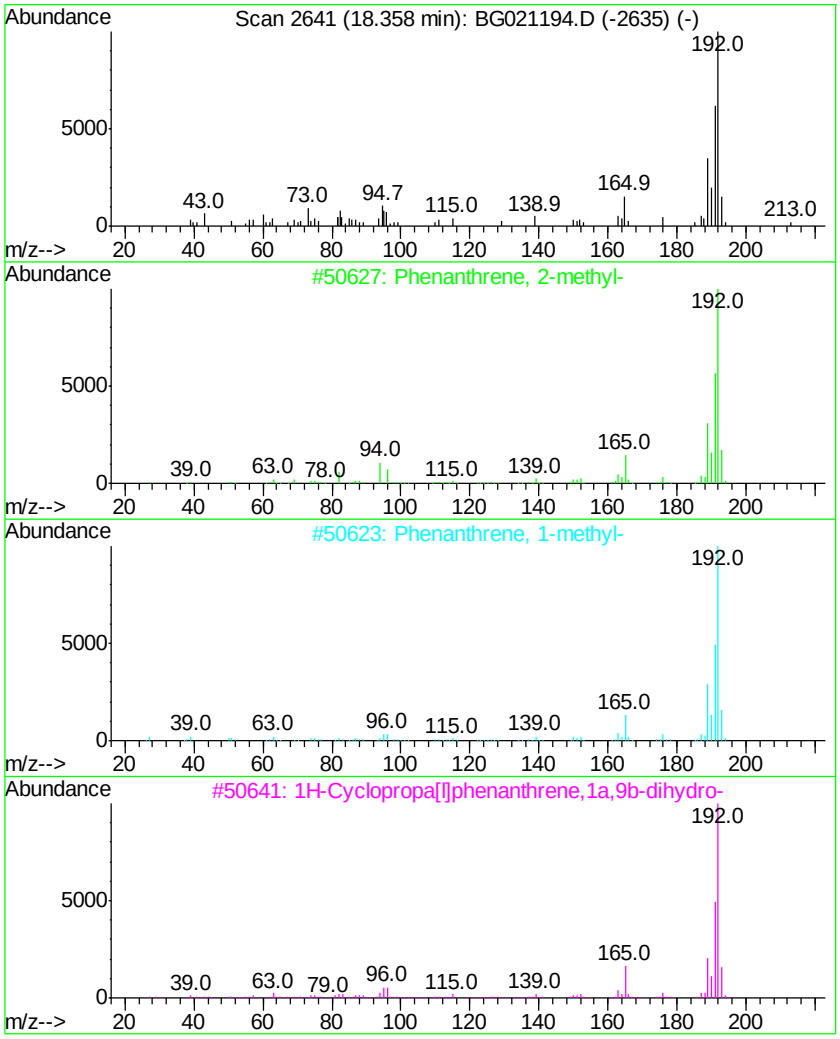
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

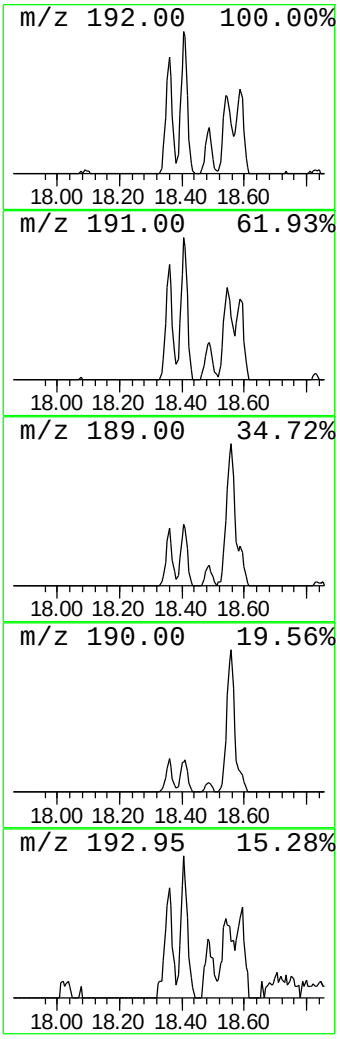
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.65 ng	62345	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

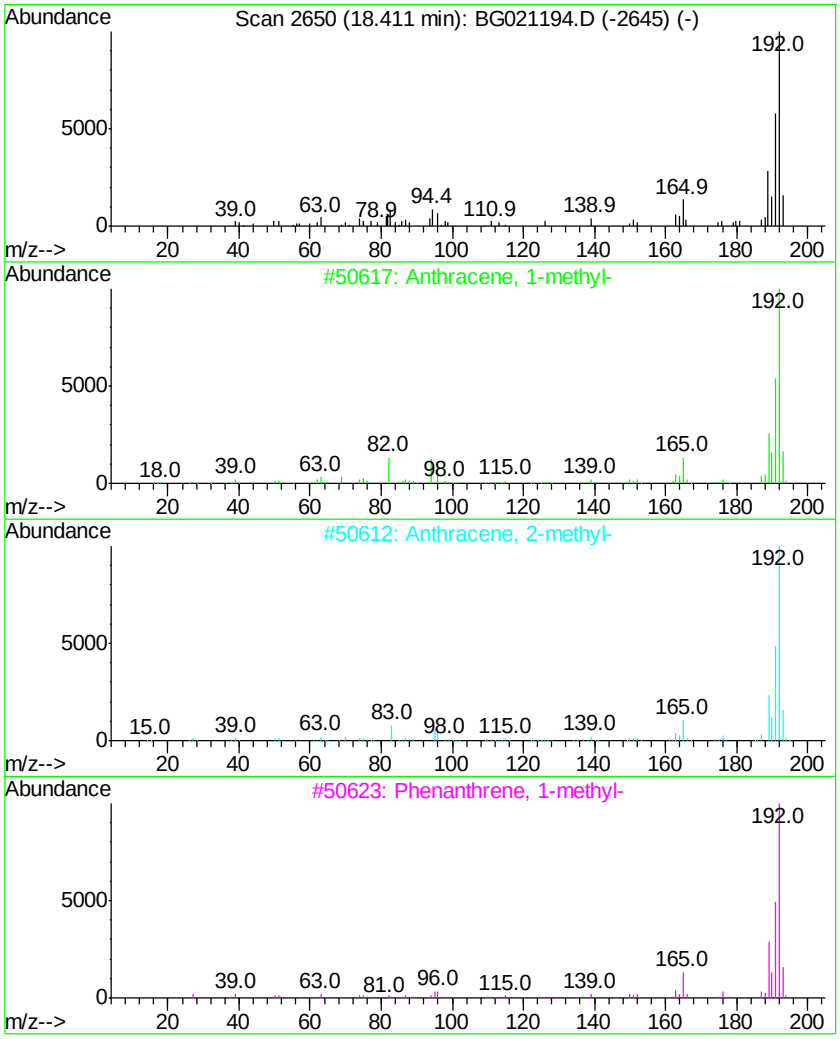
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

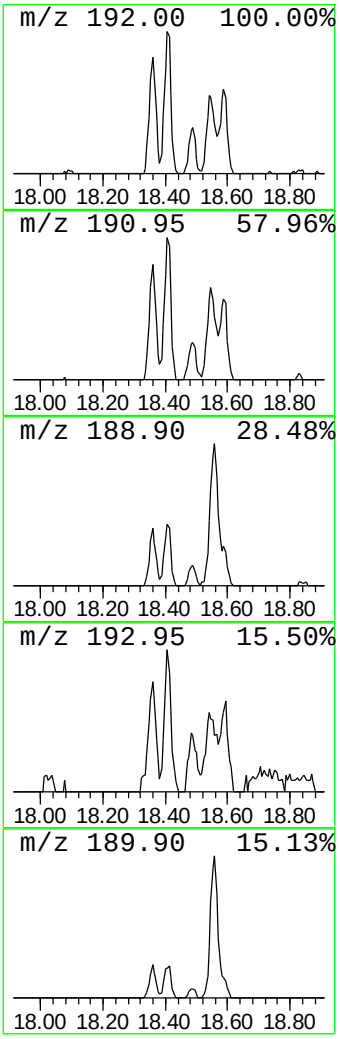
****

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	6.11 ng	67437	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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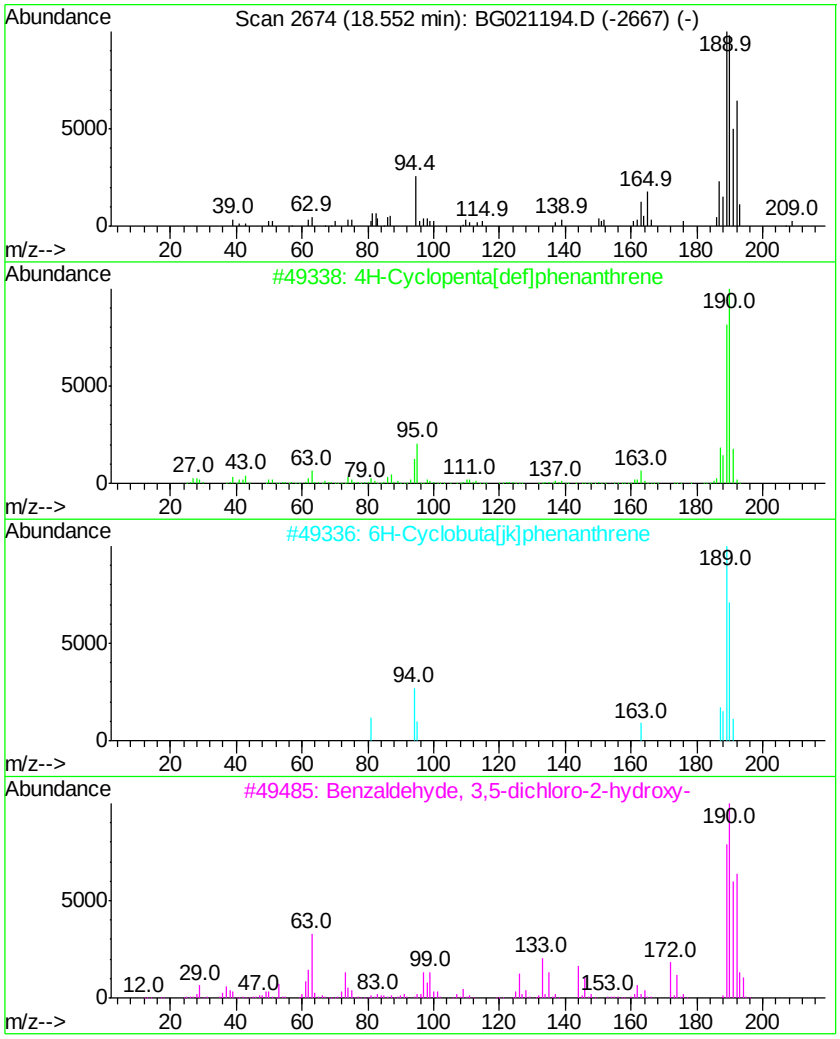
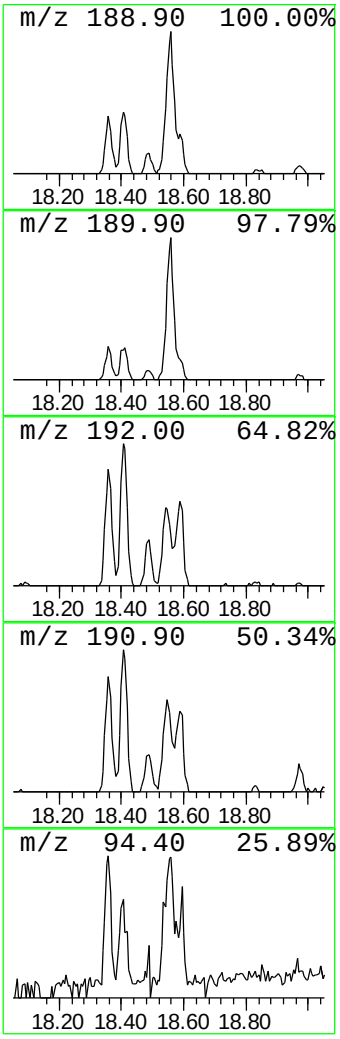
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	8.00 ng	88220	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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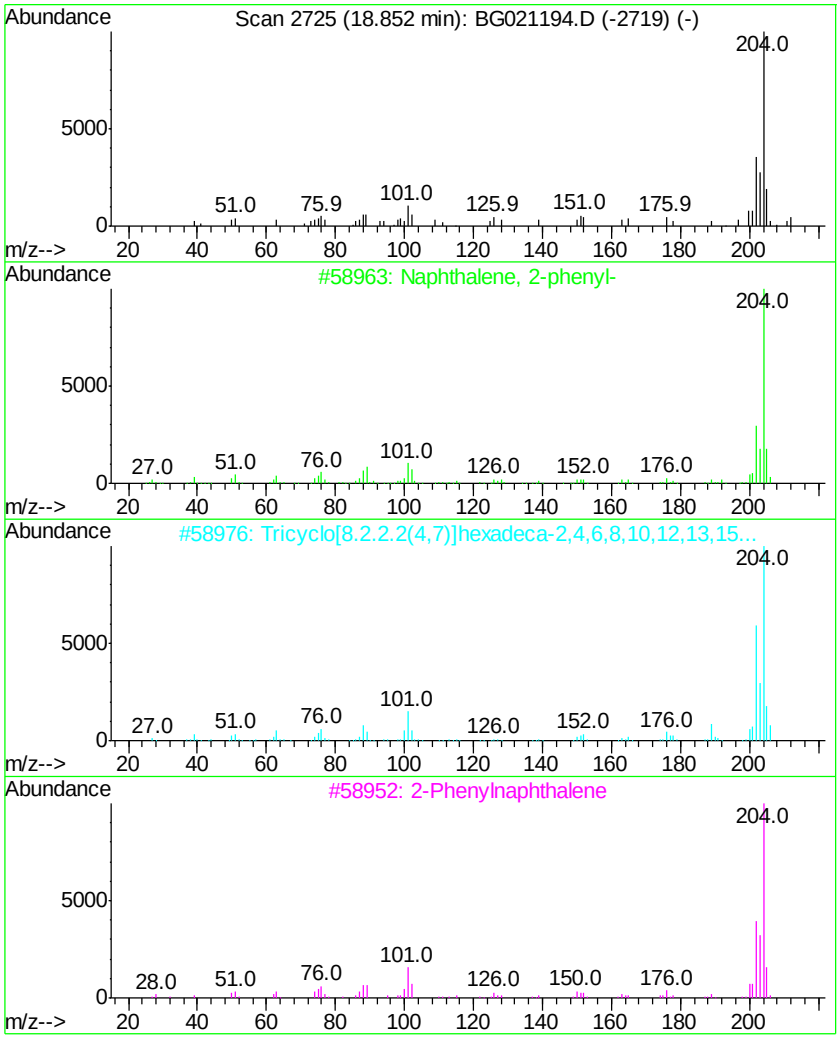
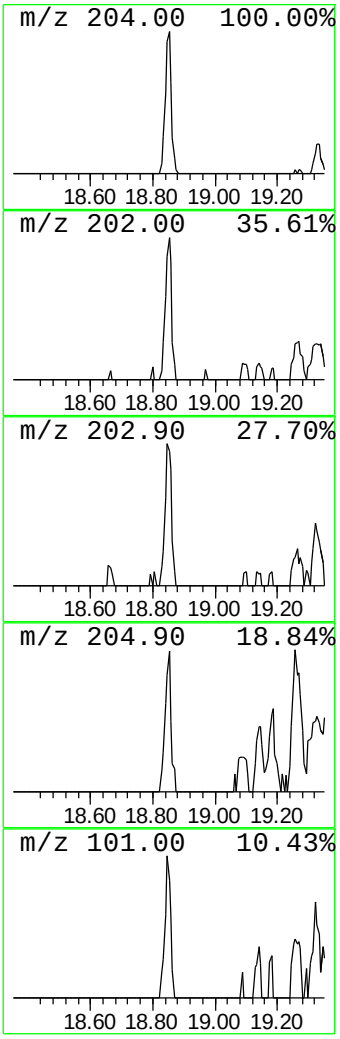
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.53 ng	27900	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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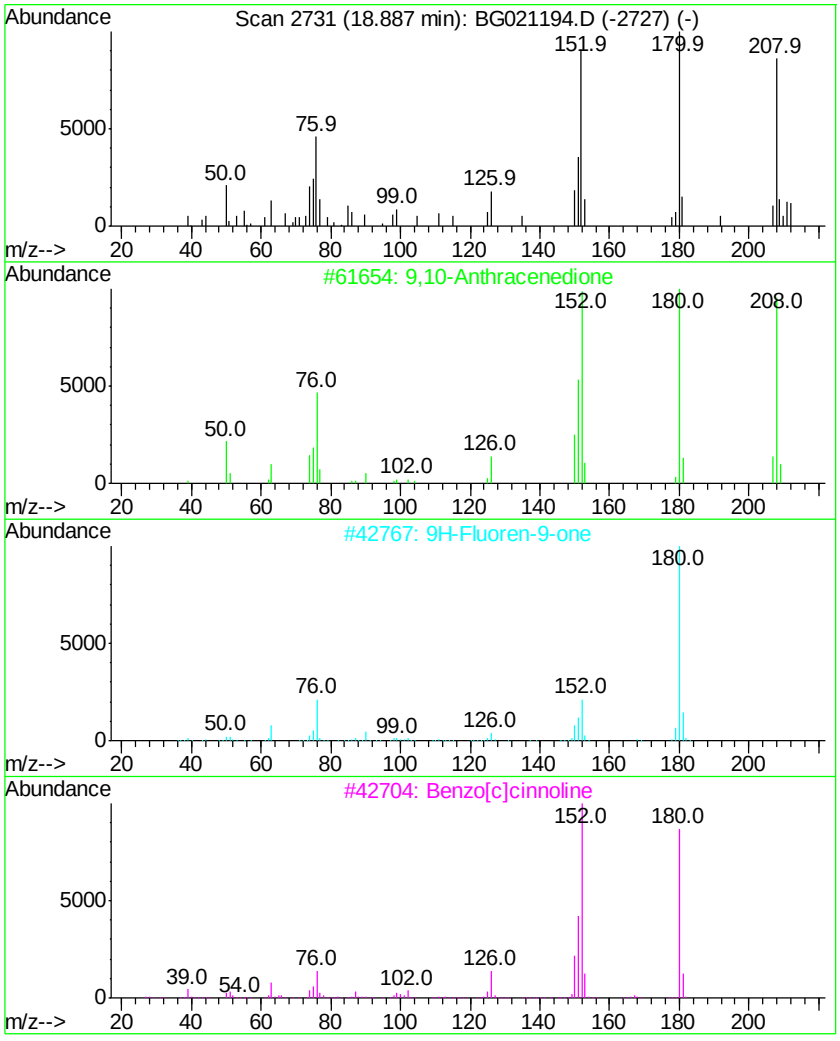
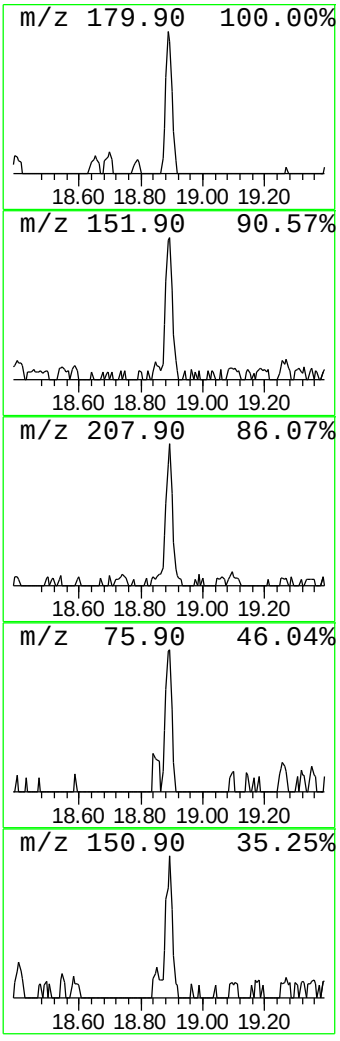
Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.15 ng	34727	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	51
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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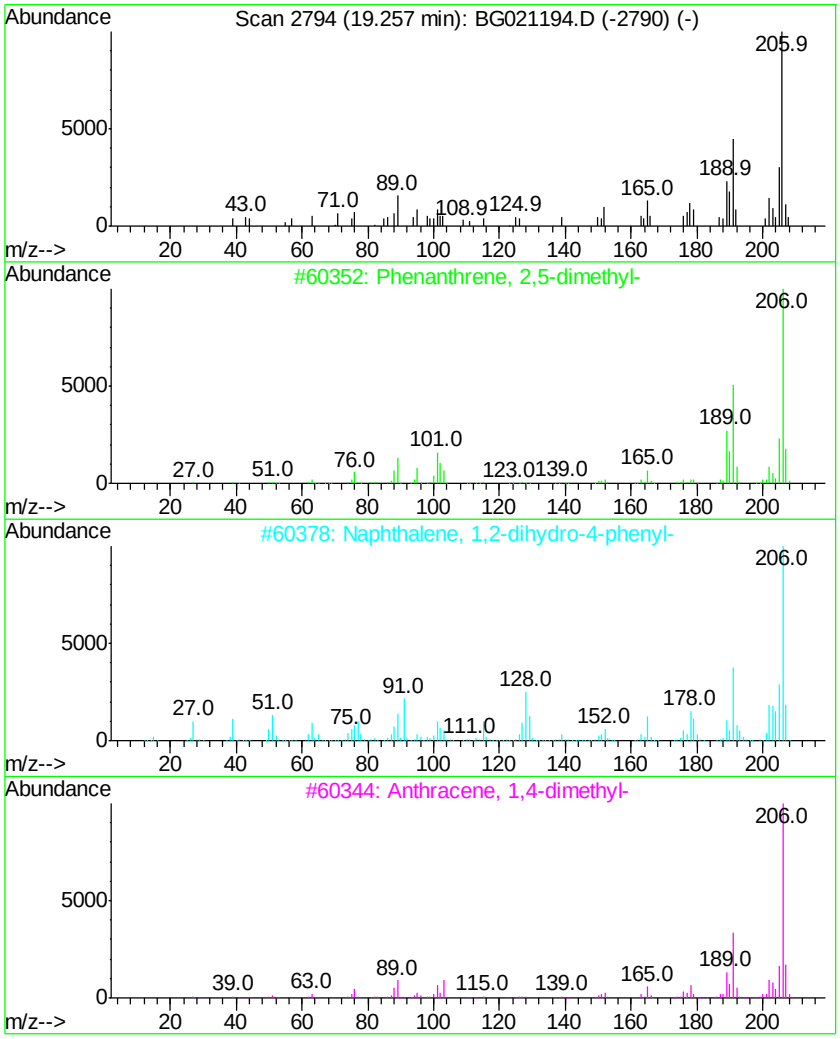
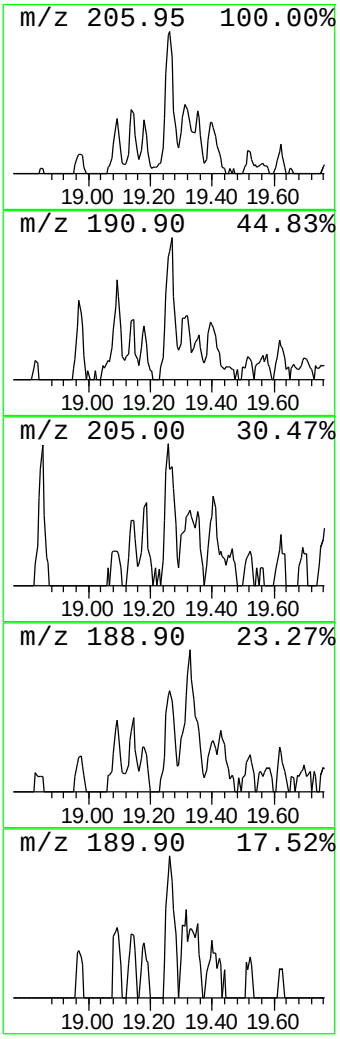
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.70 ng	40826	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	92
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
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Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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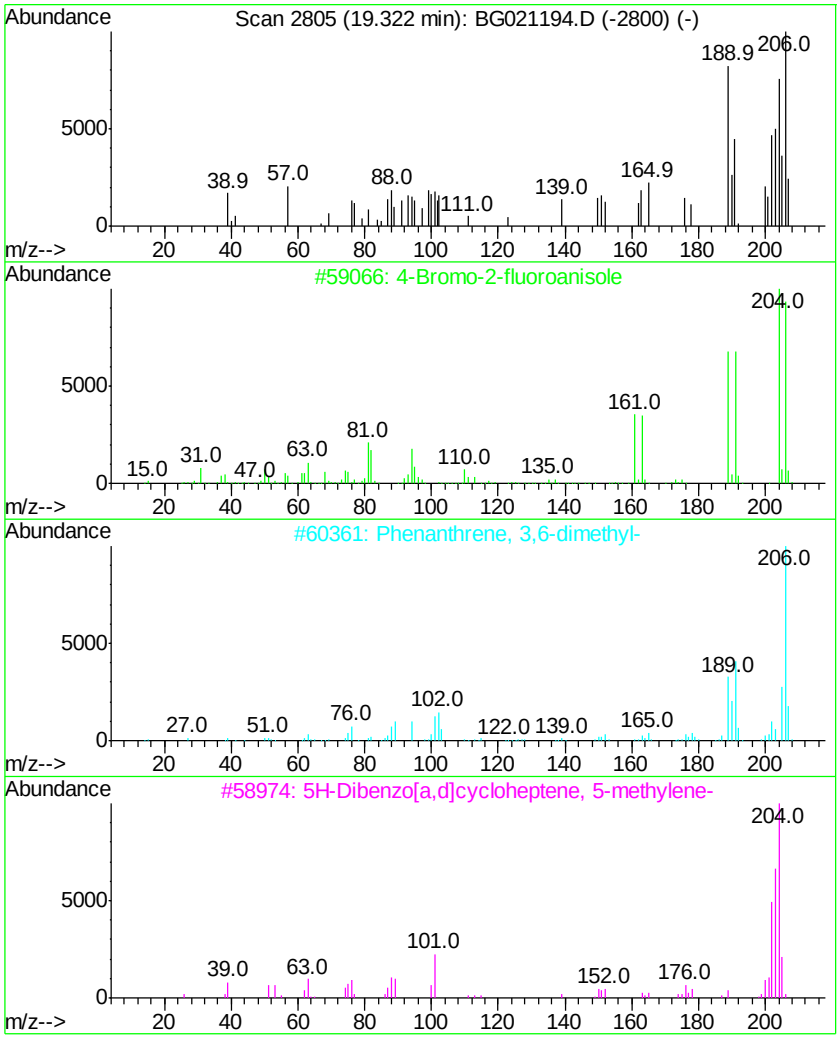
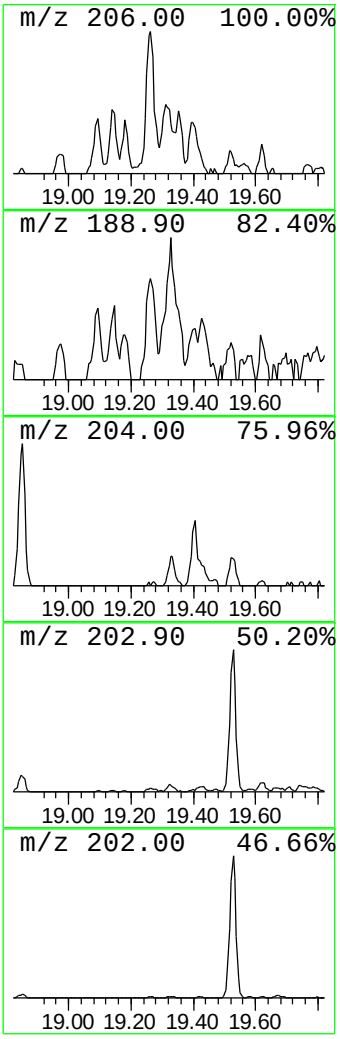
Peak Number 16 unknown19.32 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.88 ng	31731	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	43
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	35
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	27
5	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	27





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Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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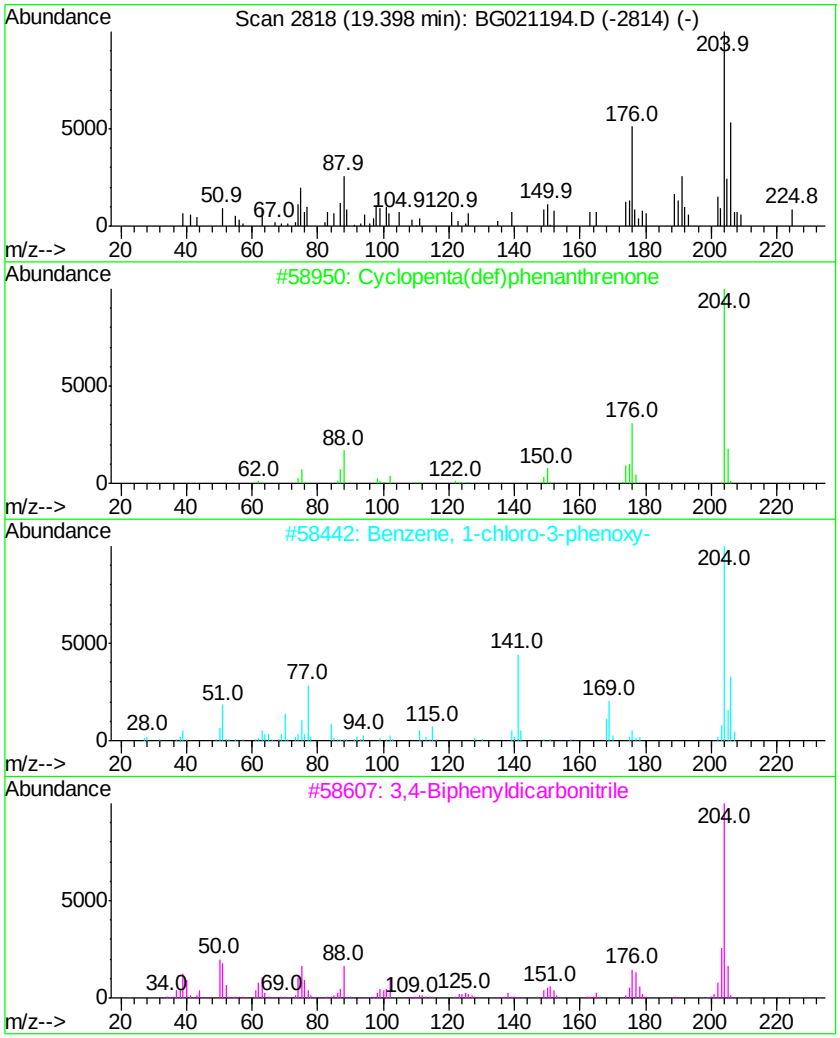
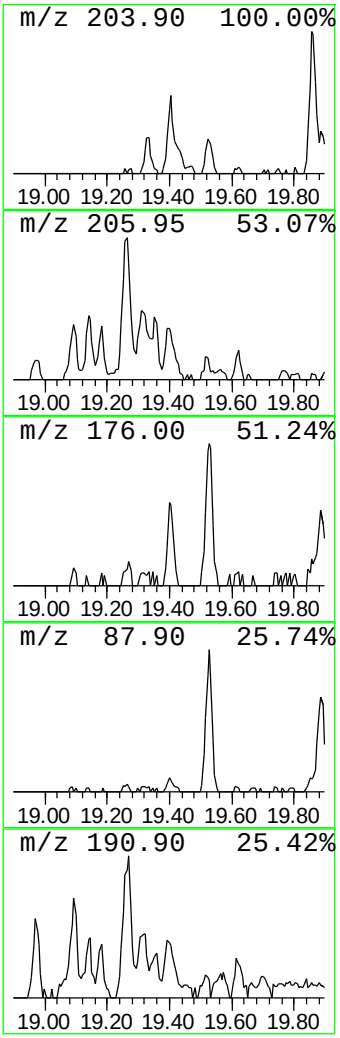
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	2.48 ng	27401	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	53
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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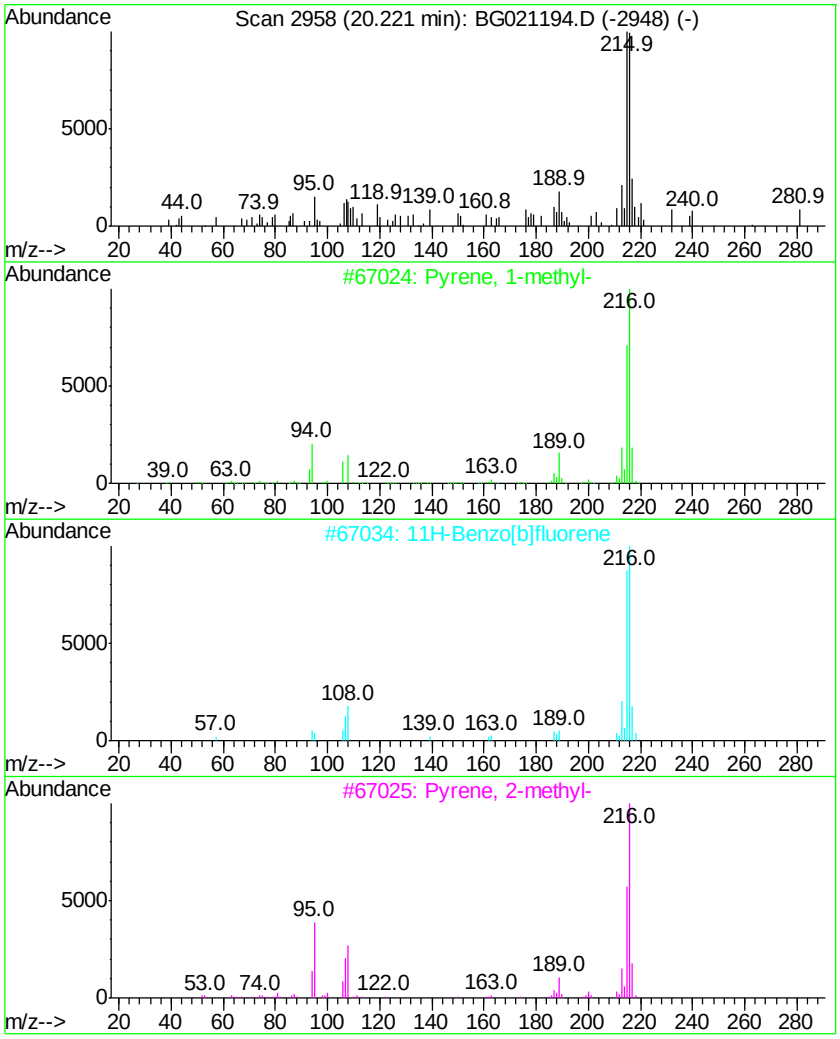
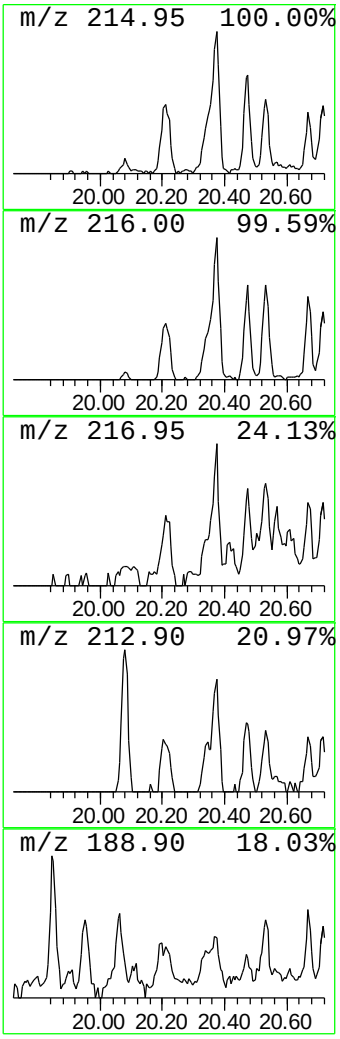
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.88 ng	66577	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Tentatively Identified Compound (LSC) summary

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Data File : BG021194.D
Acq On : 1 Mar 2016 21:44
Operator : UM/SJ
Sample : H1578-04
Misc :
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Instrument : BNA_G
ClientSampleId : CEB-8(2.5-5)20160224

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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
Propane, 2,2-dime...	3.06	509.8	ng	2111610	1	8.15	82839	20.0
2-Pentanone, 4-hy...	5.24	109.6	ng	454070	1	8.15	82839	20.0
unknown7.68	7.68	43.0	ng	178244	1	8.15	82839	20.0
Nonadecane	15.57	2.8	ng	26144	3	14.75	187240	20.0
Hexatriacontane	17.22	2.8	ng	30518	4	17.49	220606	20.0
Cyclotetradecane	17.85	5.3	ng	57873	4	17.49	220606	20.0
Phenanthrene, 2-m...	18.36	5.7	ng	62345	4	17.49	220606	20.0
Anthracene, 1-met...	18.41	6.1	ng	67437	4	17.49	220606	20.0
4H-Cyclopenta[def...	18.55	8.0	ng	88220	4	17.49	220606	20.0
Naphthalene, 2-ph...	18.85	2.5	ng	27900	4	17.49	220606	20.0
9,10-Anthracenedione	18.89	3.1	ng	34727	4	17.49	220606	20.0
Phenanthrene, 2,5...	19.26	3.7	ng	40826	4	17.49	220606	20.0
unknown19.32	19.32	2.9	ng	31731	4	17.49	220606	20.0
Cyclopenta(def)ph...	19.40	2.5	ng	27401	4	17.49	220606	20.0
Pyrene, 1-methyl-	20.22	2.9	ng	66577	5	21.75	462984	20.0