LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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-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	4.691	336	341	350	rVB	77331	104839	3.37%	0.408%
2	5.155	413	420	430	rBV	639378	915523	29.47%	3.565%
3	6.736	680	689	696	rBV	749967	1138382	36.64%	4.433%
4	7.082	741	748	757	rBV	755903	1188291	38.25%	4.627%
5	7.547	820	827	834	rVB	198532	303467	9.77%	1.182%
6	7.864	874	881	888	rBV	564547	878402	28.27%	3.421%
7	8.704	1016	1024	1033	rBV	459051	750582	24.16%	2.923%
8	10.326	1293	1300	1306	rBV	293924	498724	16.05%	1.942%
9	12.823	1718	1725	1732	rBV	1436588	2160225	69.53%	8.412%
10	13.675	1864	1870	1878	rVB	180667	253982	8.17%	0.989%
11	14.209	1954	1961	1968	rBV2	471775	721629	23.23%	2.810%
12	14.274	1968	1972	1980	rVB	42702	60838	1.96%	0.237%
13	14.615	2024	2030	2034	rBV2	20786	32314	1.04%	0.126%
14	15.261	2133	2140	2148	rBV	44881	63682	2.05%	0.248%
15	15.708	2209	2216	2225	rBV	1174147	1638936	52.75%	6.382%
16	15.949	2251	2257	2265	rBV3	36643	66118	2.13%	0.257%
17	16.618	2367	2371	2378	rVB3	19943	32472	1.05%	0.126%
18	16.783	2395	2399	2412	rVB2	23031	40728	1.31%	0.159%
19	16.965	2423	2430	2433	rBV	562852	823685	26.51%	3.208%
20	17.006	2433	2437	2443	rVB	432358	579278	18.64%	2.256%
21	17.094	2448	2452	2458	rVB	108372	154889	4.99%	0.603%
22	17.370	2495	2499	2503	rVB	50566	66947	2.15%	0.261%
23	17.840	2571	2579	2582	rBV2	63272	138329	4.45%	0.539%
24	17.882	2582	2586	2594	rVV2	197065	332460	10.70%	1.295%
25	17.964	2596	2600	2606	rVV2	34690	70058	2.25%	0.273%
26	18.034	2606	2612	2616	rVV3	84050	154712	4.98%	0.602%
27	18.070	2616	2618	2625	rVB	36379	45275	1.46%	0.176%
28	18.352	2661	2666	2669	rBV	36729	52794	1.70%	0.206%
29	18.387	2669	2672	2678	rVB2	41204	54327	1.75%	0.212%
30	18.769	2732	2737	2742	rBV3	30436	52047	1.68%	0.203%
31	18.822	2742	2746	2751	rBV6	16454	34628	1.11%	0.135%
32	18.904	2756	2760	2770	rVB3	28073	53830	1.73%	0.210%
33	19.033	2776	2782	2787	rBV	625746	821686	26.45%	3.200%
34	19.174	2803	2806	2812	rBV6	29819	39679	1.28%	0.155%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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

35	19.397	2840	2844	2852	rVB	496251	668514	21.52%	2.603%
36	19.474	2852	2857	2861	rBV3	29712	45441	1.46%	0.177%
37	19.615	2875	2881	2890	rVB	2469368	3106921	100.00%	12.099%
38	19.721	2895	2899	2906	rBV5	36926	89757	2.89%	0.350%
39	19.897	2925	2929	2934	rVB	82444	115865	3.73%	0.451%
40	19.997	2942	2946	2950	rBV	70282	90635	2.92%	0.353%
41	20.055	2950	2956	2960	rVV4	51447	90753	2.92%	0.353%
42	20.643	3053	3056	3063	rVB	49035	71502	2.30%	0.278%
43	20.808	3078	3084	3088	rBV3	49988	99822	3.21%	0.389%
44	20.849	3088	3091	3094	rVV	55837	73051	2.35%	0.284%
45	20.896	3094	3099	3103	rVV2	70319	137469	4.42%	0.535%
46	20.943	3103	3107	3115	rVB2	63533	119312	3.84%	0.465%
47	21.095	3129	3133	3138	rBV	781910	848921	27.32%	3.306%
48	21.160	3138	3144	3148	rVV2	854850	1448947	46.64%	5.643%
49	21.201	3148	3151	3160	rVB	293385	378834	12.19%	1.475%
50	21.319	3167	3171	3176	rBV2	55620	92129	2.97%	0.359%
51	21.706	3234	3237	3241	rVB2	54291	68404	2.20%	0.266%
52	21.759	3242	3246	3251	rVV3	77092	103953	3.35%	0.405%
53	22.441	3358	3362	3369	rBV4	60579	105582	3.40%	0.411%
54	22.711	3402	3408	3419	rVB2	397406	931351	29.98%	3.627%
55	22.870	3432	3435	3441	rVB	45304	69629	2.24%	0.271%
56	23.169	3482	3486	3496	rVB	130127	267454	8.61%	1.042%
57	23.269	3497	3503	3509	rVB	225389	409187	13.17%	1.593%
58	23.363	3513	3519	3525	rBV2	482547	928492	29.88%	3.616%
59	23.581	3553	3556	3564	rVB6	66635	122386	3.94%	0.477%
60	23.910	3606	3612	3623	rVB	292343	582853	18.76%	2.270%
61	25.578	3892	3896	3909	rVB3	101078	288013	9.27%	1.122%

Sum of corrected areas: 25678935

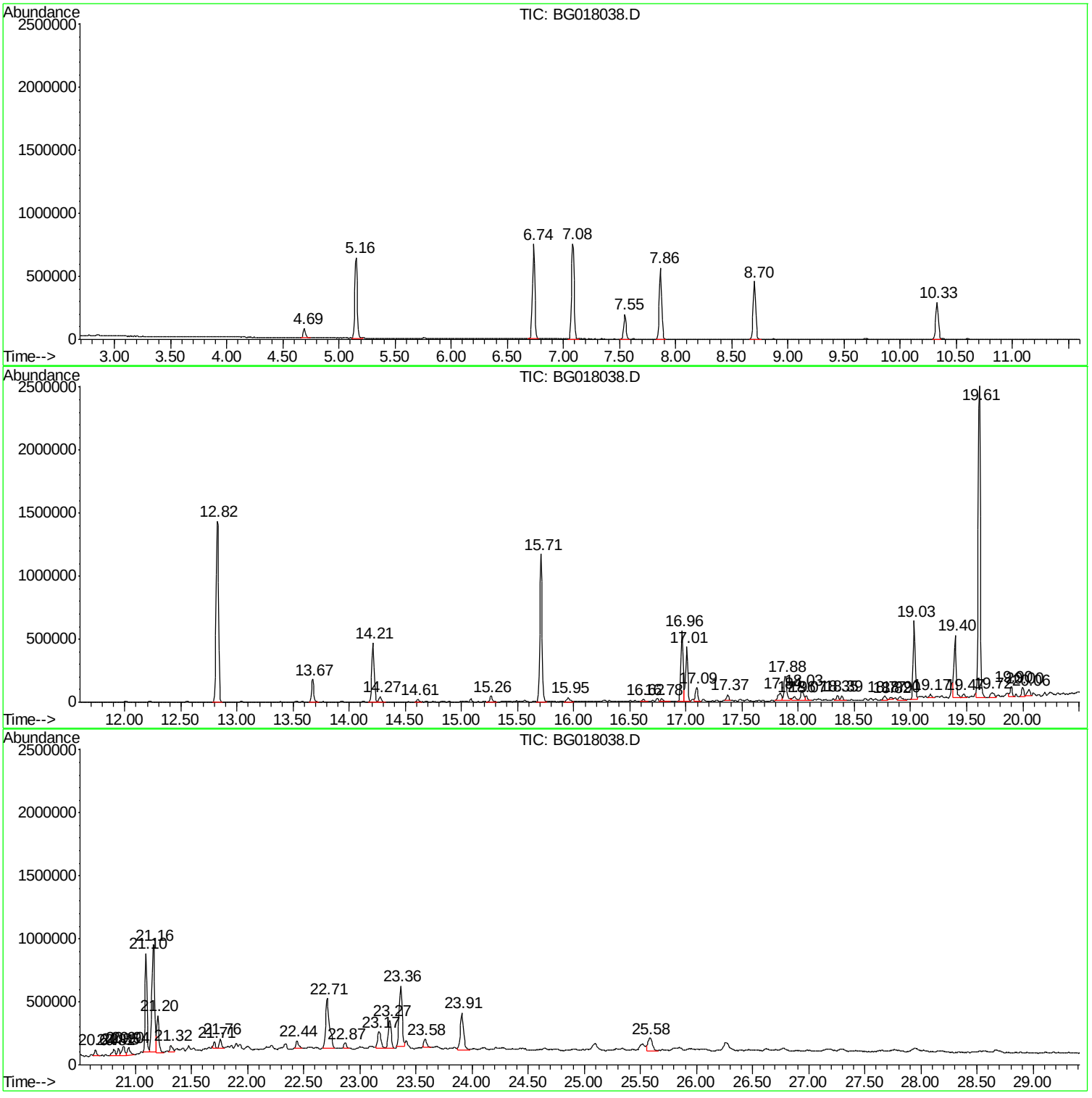
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3-(2-4)

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 : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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

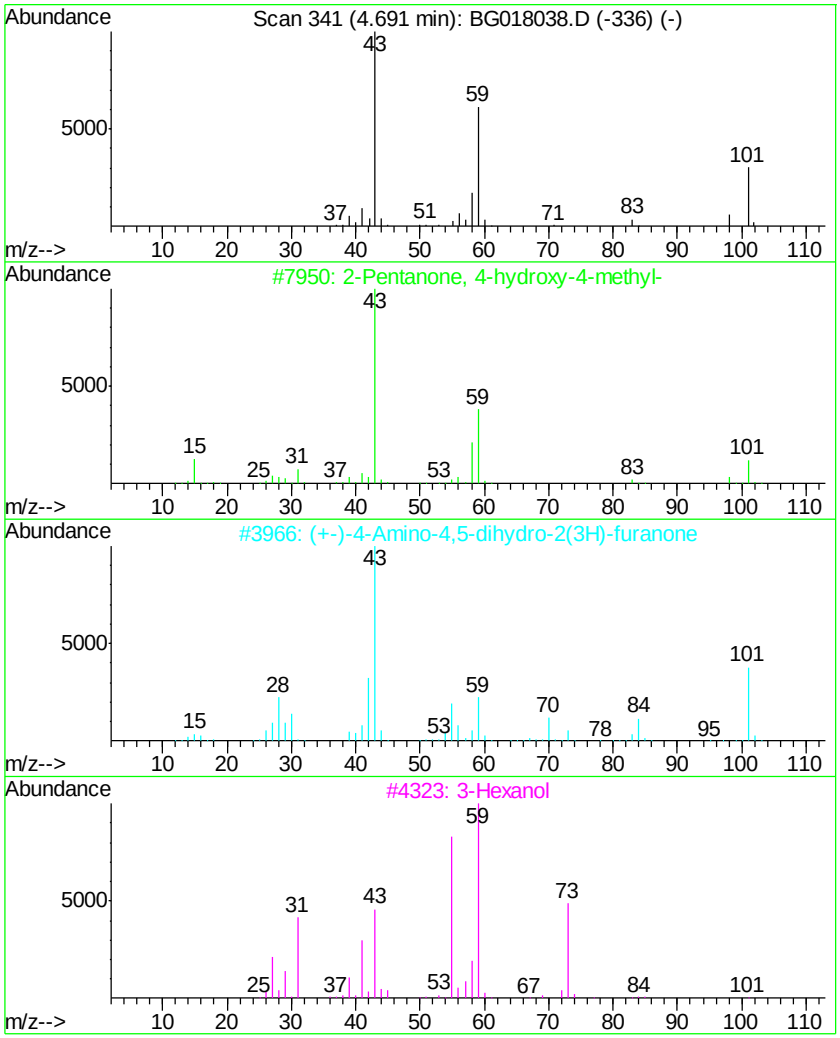
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

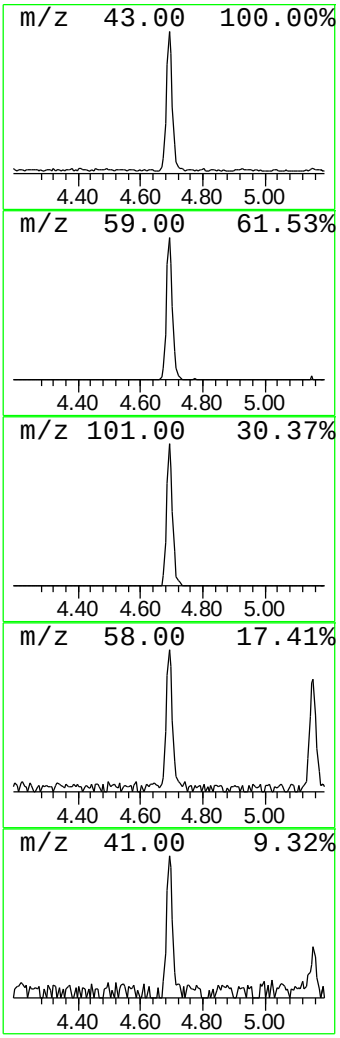
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	6.91 ng	104839	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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

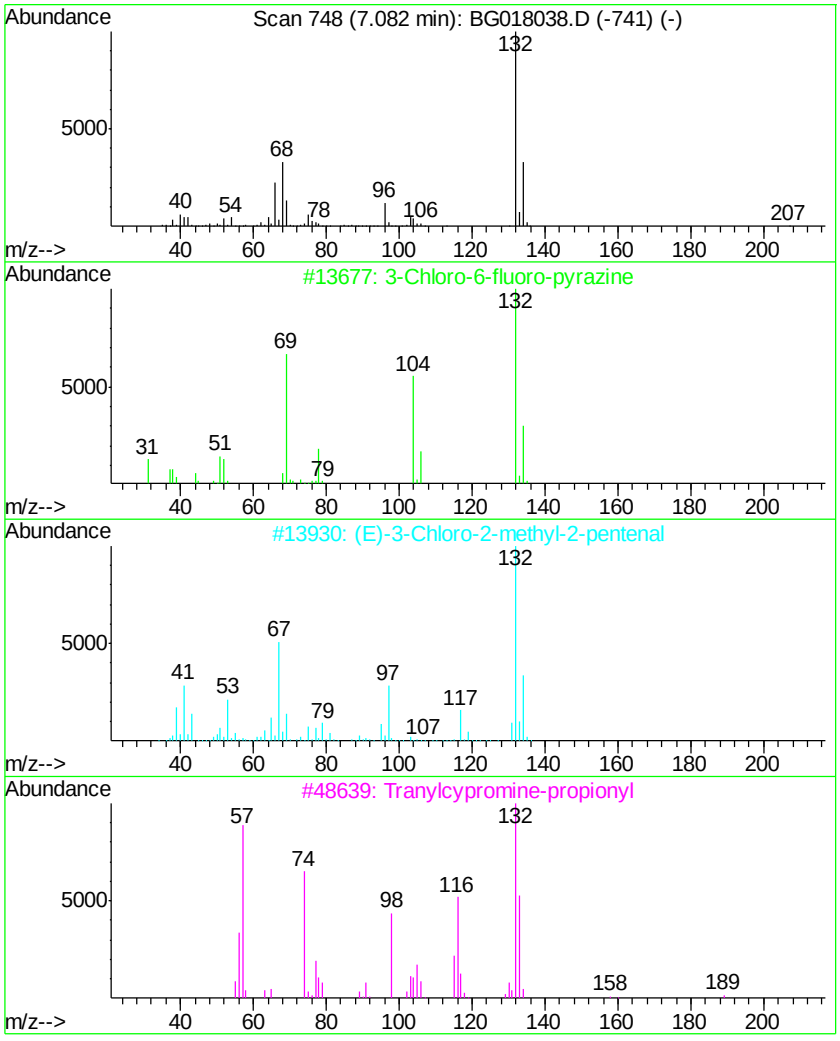
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

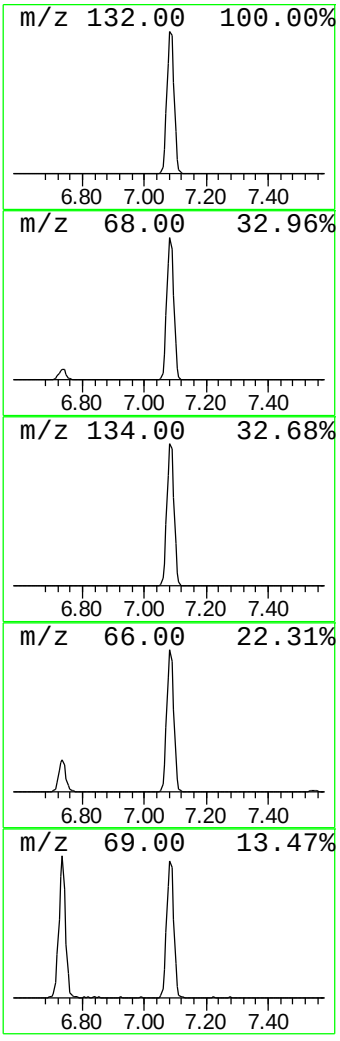
****

Peak Number 2 unknown7.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	78.31 ng	1188290	1,4-Dichlorobenzene-d4	7.55

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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

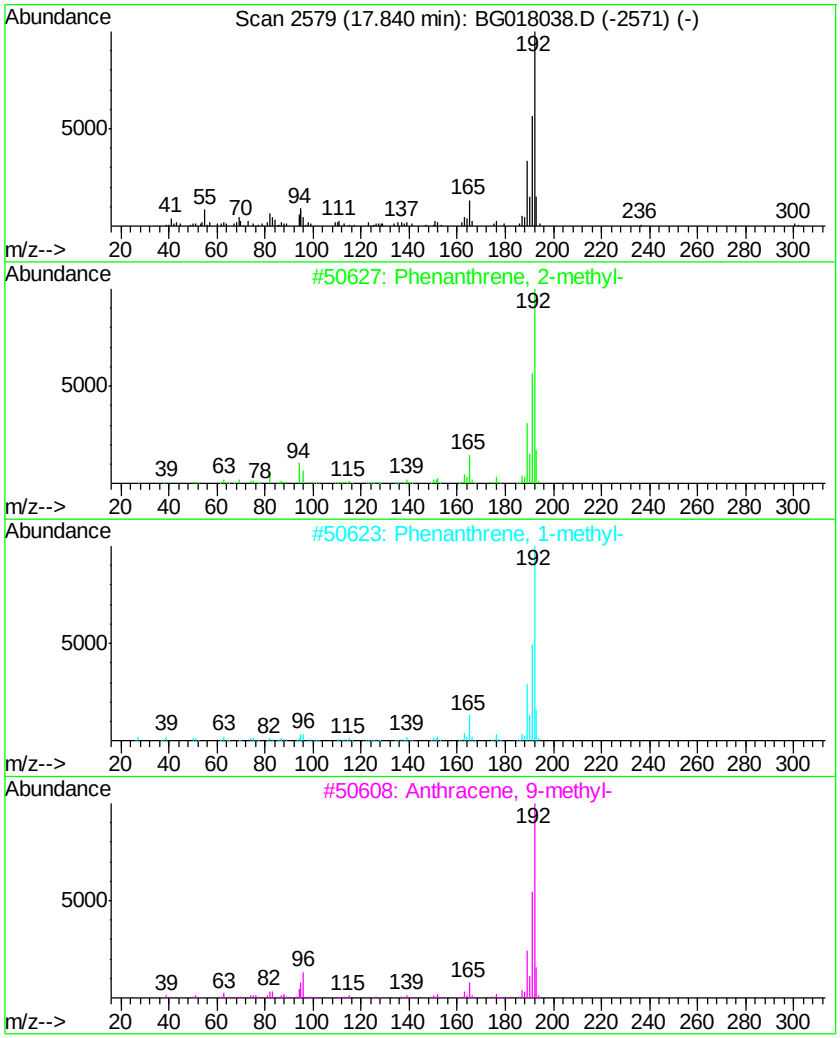
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

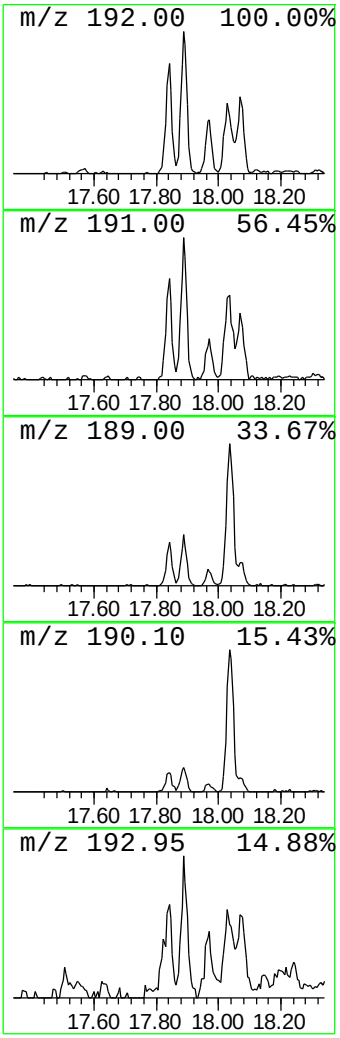
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.36 ng	138329	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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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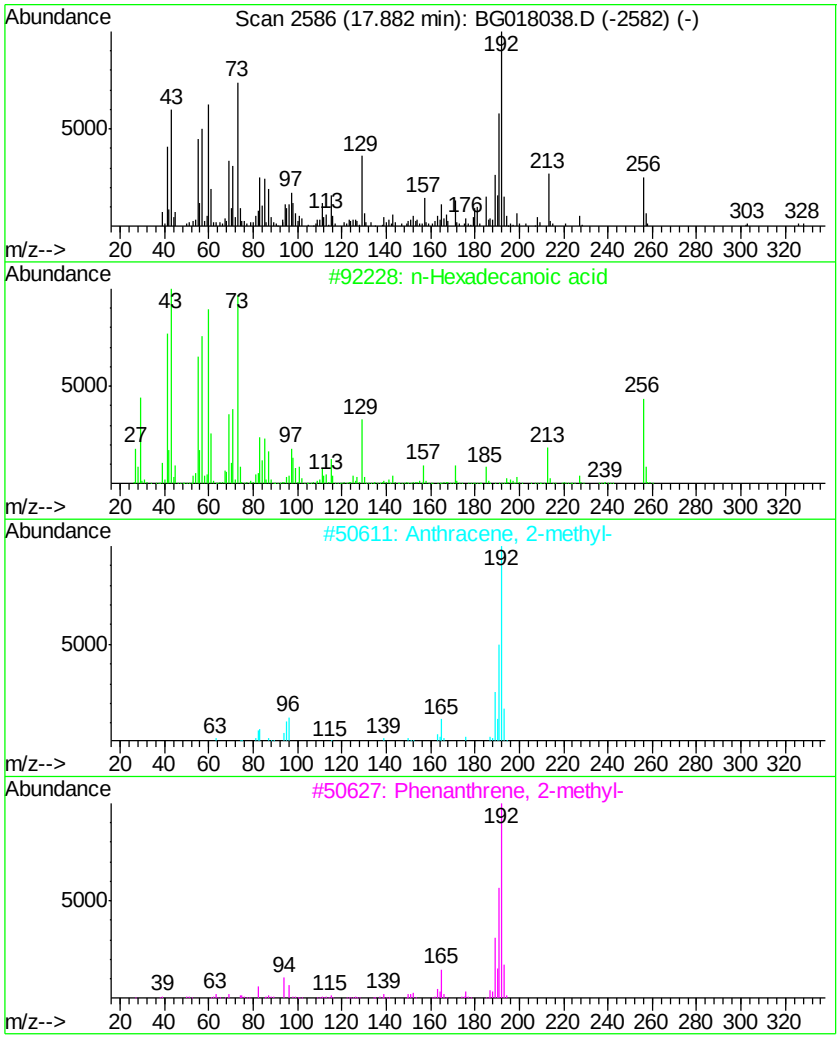
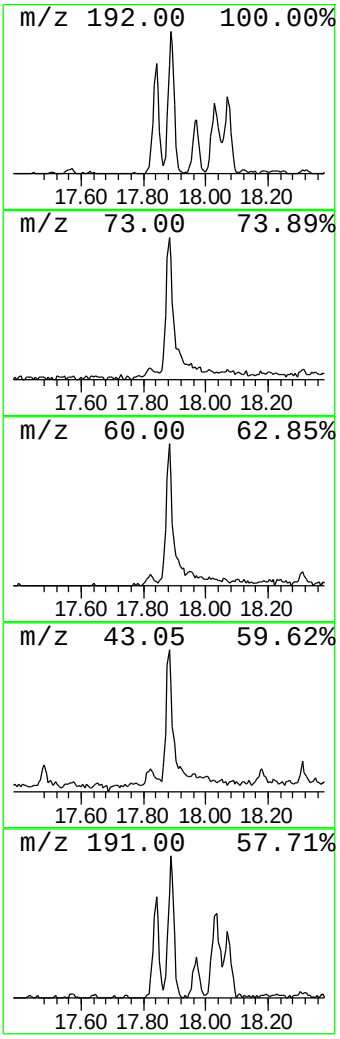
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	8.07 ng	332460	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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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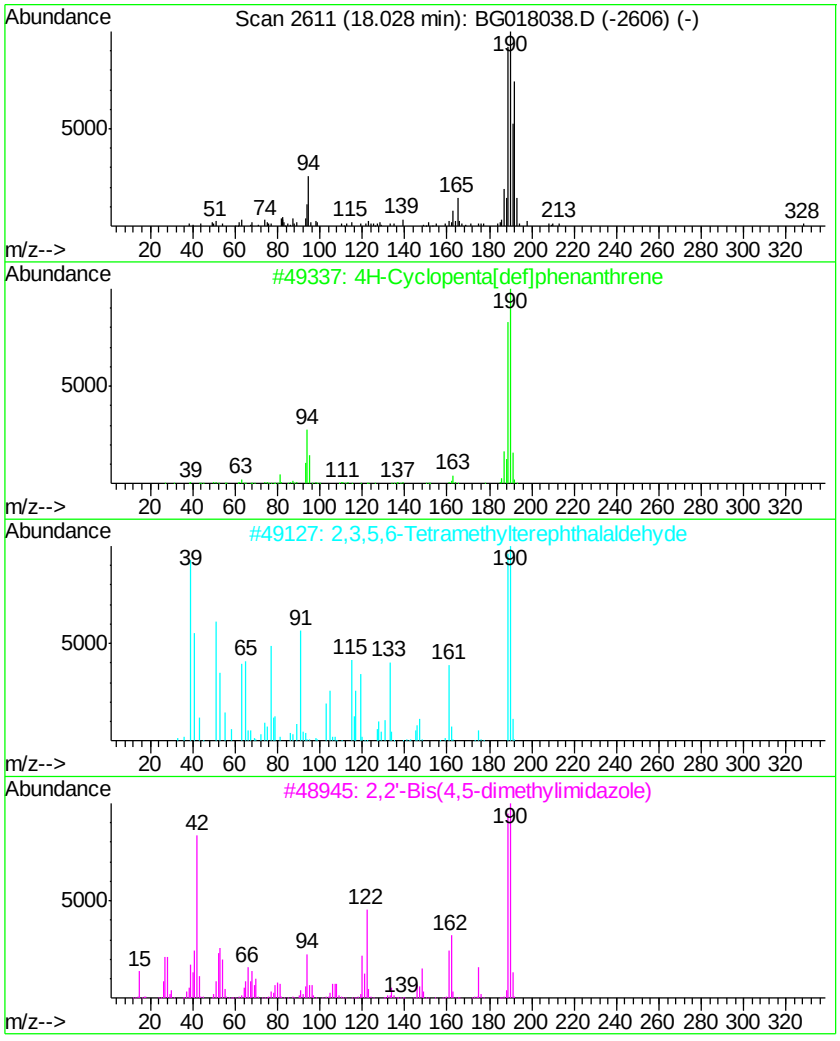
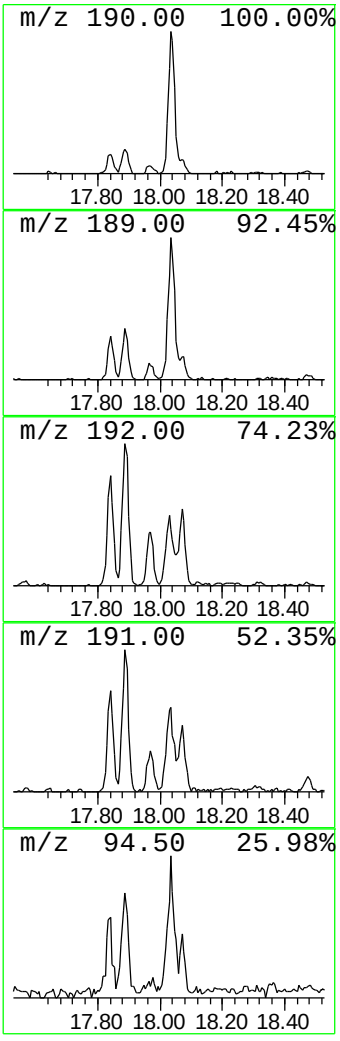
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.76 ng	154712	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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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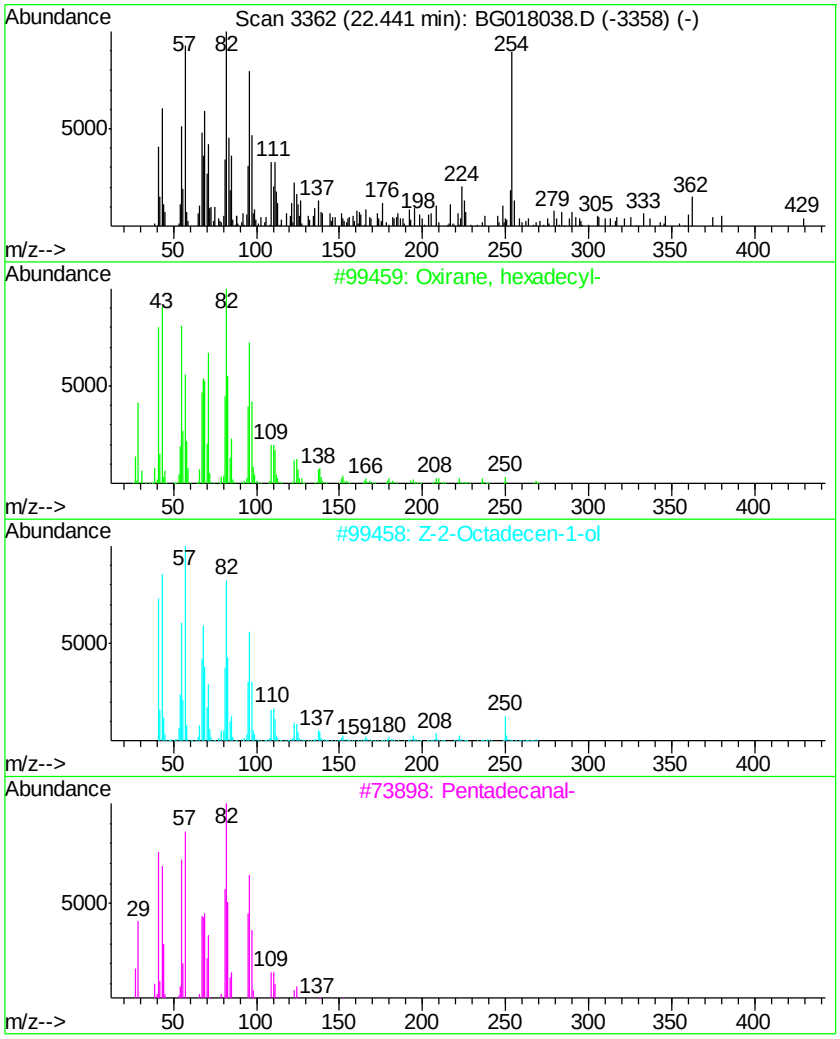
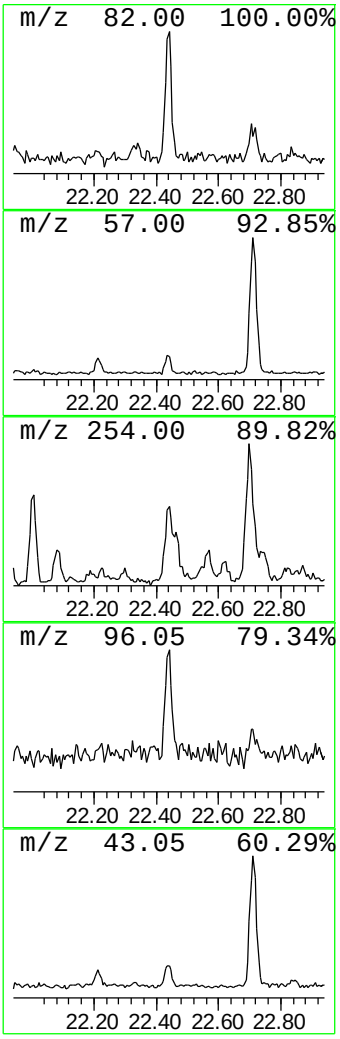
Peak Number 7 unknown22.44 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.27 ng	105582	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49
2	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	46
3	Pentadecanal-	226	C15H30O	002765-11-9	46
4	Z-10-Pentadecen-1-ol	226	C15H30O	1000245-48-5	38
5	1,6-Disilacyclodeca-3,8-diene, 1...	248	C14H24Si2	100222-23-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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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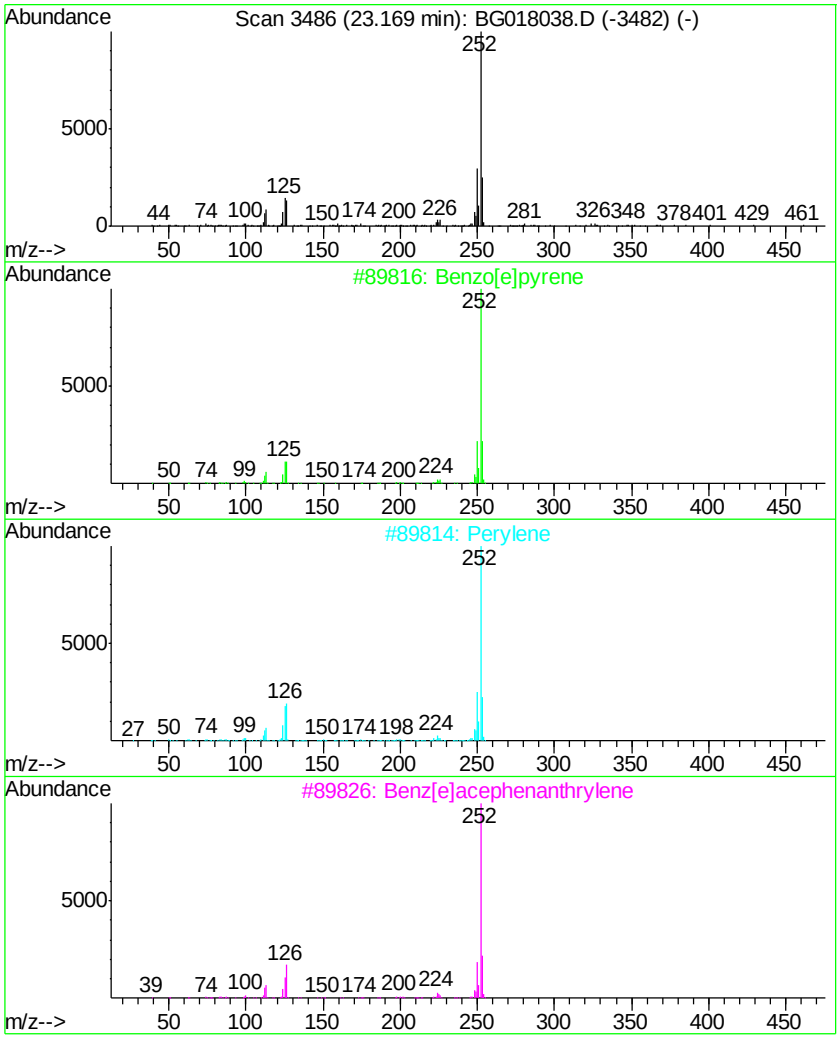
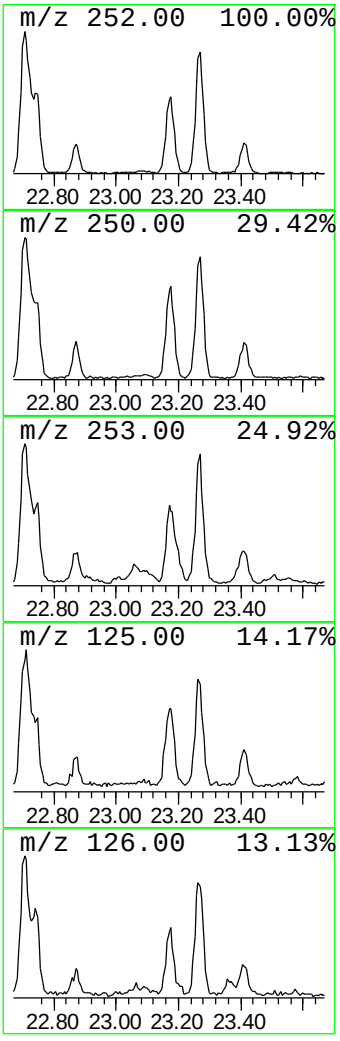
Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	5.76 ng	267454	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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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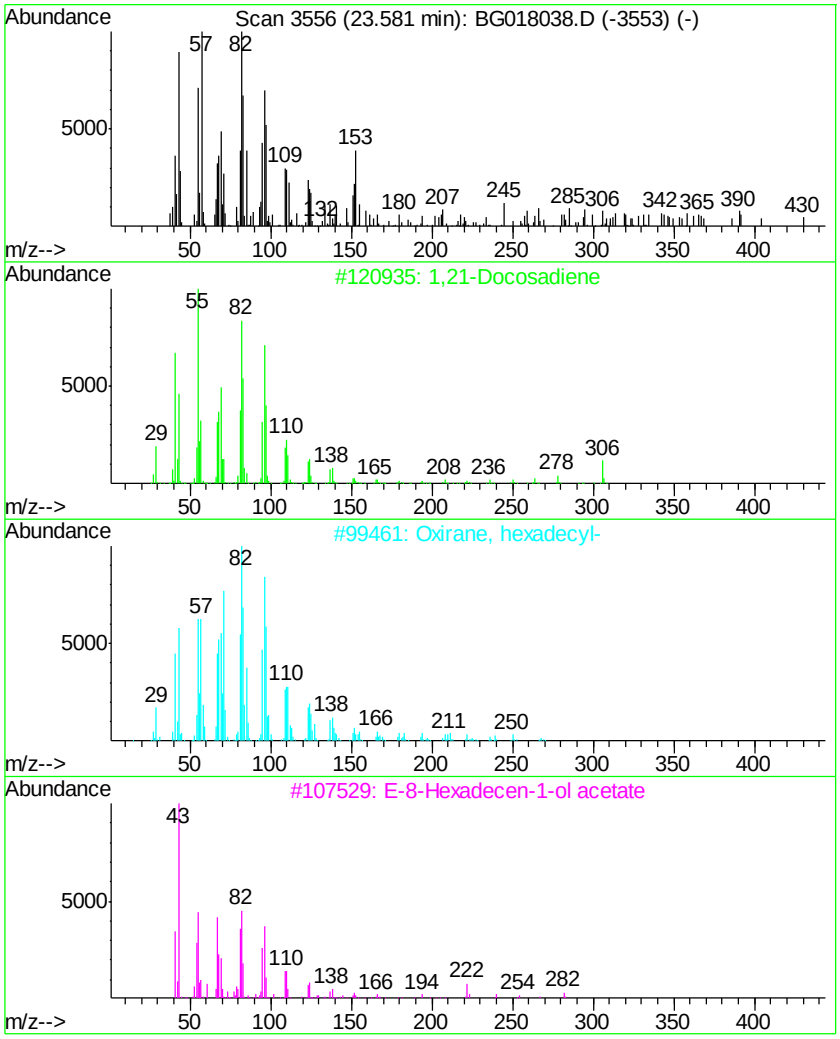
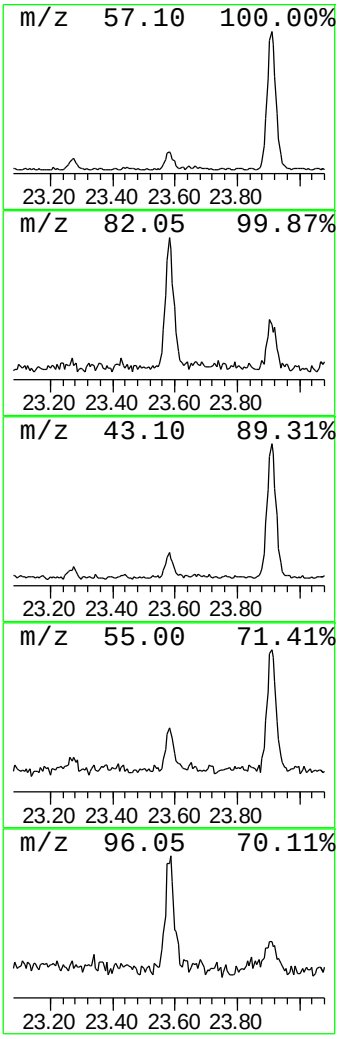
Peak Number 9 1,21-Docosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	2.64 ng	122386	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene	306	C22H42	053057-53-7	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
3	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	70
4	11-Dodecen-1-ol trifluoroacetate	280	C14H23F3O2	128792-46-1	64
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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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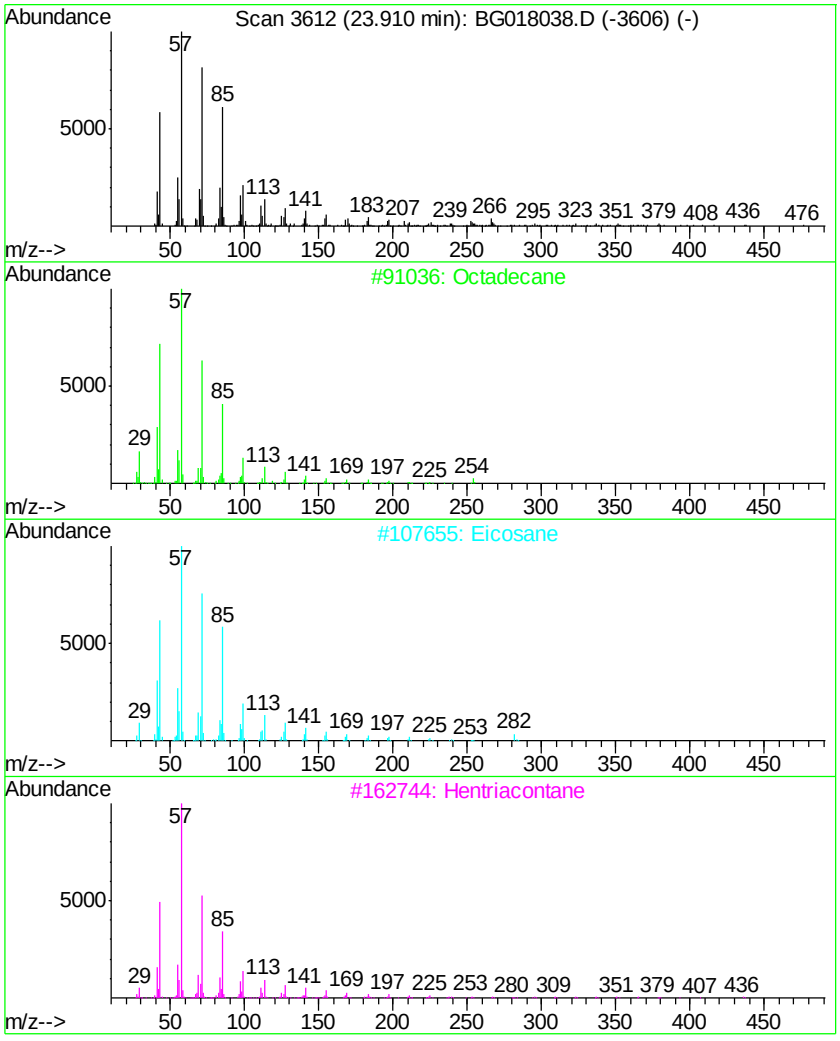
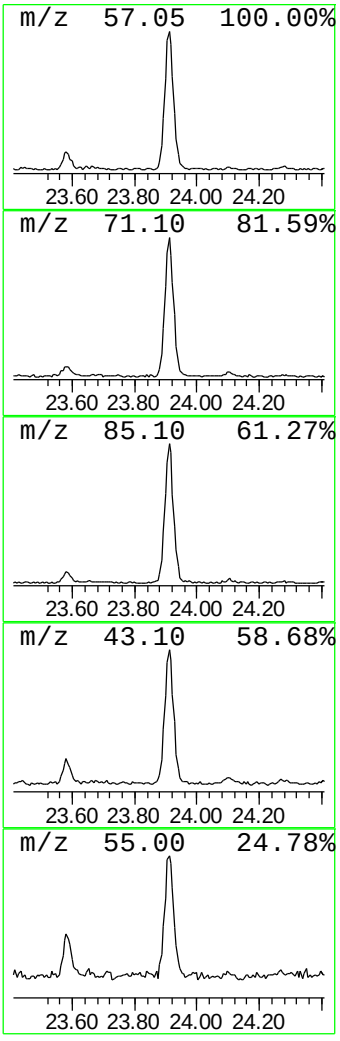
Peak Number 10 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	12.55 ng	582853	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Hentriacontane	437	C31H64	000630-04-6	96
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
5	Tetracosane	338	C24H50	000646-31-1	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018038.D
Acq On : 22 Jul 2015 1:56
Operator : TP/UM
Sample : G3031-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-(2-4)

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
2-Pentanone, 4-hy...	4.69	6.9	ng	104839	1	7.55	303467	20.0
unknown7.08	7.08	78.3	ng	1188290	1	7.55	303467	20.0
Phenanthrene, 2-m...	17.84	3.4	ng	138329	4	16.97	823685	20.0
n-Hexadecanoic acid	17.88	8.1	ng	332460	4	16.97	823685	20.0
4H-Cyclopenta[def...	18.03	3.8	ng	154712	4	16.97	823685	20.0
unknown22.44	22.44	2.3	ng	105582	6	23.36	928492	20.0
Benzo[e]pyrene	23.17	5.8	ng	267454	6	23.36	928492	20.0
1,21-Docosadiene	23.58	2.6	ng	122386	6	23.36	928492	20.0
Octadecane	23.91	12.6	ng	582853	6	23.36	928492	20.0