LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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	4.692	336	341	347	rVB	97581	129518	3.77%	0.592%
2	5.156	413	420	429	rVB	912499	1274062	37.12%	5.823%
3	6.736	679	689	696	rBV	982573	1489955	43.41%	6.810%
4	7.083	742	748	755	rVB	1028061	1600068	46.62%	7.313%
5	7.547	819	827	834	rVB	209449	326416	9.51%	1.492%
6	7.864	873	881	890	rBV	725571	1167919	34.03%	5.338%
7	8.705	1016	1024	1032	rBV	596748	984192	28.68%	4.498%
8	10.326	1292	1300	1307	rBV	330294	556116	16.20%	2.542%
9	11.777	1538	1547	1553	rBV2	41444	66312	1.93%	0.303%
10	12.823	1717	1725	1732	rBV	1709115	2530020	73.72%	11.564%
11	13.041	1755	1762	1769	rBV2	62989	96002	2.80%	0.439%
12	13.675	1864	1870	1874	rBV	204147	310415	9.04%	1.419%
13	14.128	1941	1947	1952	rBV	84429	113638	3.31%	0.519%
14	14.210	1952	1961	1968	rVV2	495107	767926	22.38%	3.510%
15	14.750	2049	2053	2062	rBV2	41908	81456	2.37%	0.372%
16	15.085	2105	2110	2114	rVB	87715	106213	3.09%	0.485%
17	15.491	2171	2179	2183	rBV3	26859	51928	1.51%	0.237%
18	15.708	2210	2216	2225	rBV	1415806	1935744	56.40%	8.847%
19	15.949	2252	2257	2272	rVB	103521	203163	5.92%	0.929%
20	16.742	2388	2392	2396	rVB	65101	72356	2.11%	0.331%
21	16.965	2424	2430	2434	rBV2	565475	834890	24.33%	3.816%
22	17.007	2434	2437	2441	rVB	99836	129607	3.78%	0.592%
23	17.482	2514	2518	2523	rBV	45193	55222	1.61%	0.252%
24	17.882	2582	2586	2591	rBV2	123506	176910	5.15%	0.809%
25	18.035	2608	2612	2616	rVV3	22731	36343	1.06%	0.166%
26	19.034	2777	2782	2788	rBV	178436	235974	6.88%	1.079%
27	19.175	2802	2806	2812	rBV6	40313	70605	2.06%	0.323%
28	19.398	2835	2844	2847	rBV	162456	286903	8.36%	1.311%
29	19.615	2875	2881	2892	rVB	2659281	3431910	100.00%	15.686%
30	20.896	3095	3099	3103	rBV3	30012	46920	1.37%	0.214%
31	21.160	3138	3144	3149	rBV	788989	1144983	33.36%	5.233%
32	21.202	3149	3151	3159	rVB	90914	102363	2.98%	0.468%
33	22.706	3402	3407	3418	rVB2	88710	236684	6.90%	1.082%
34	23.170	3482	3486	3494	rVB	43432	88248	2.57%	0.403%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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	23.264	3497	3502	3511	rVB2	75020	150116	4.37%	0.686%
36	23.364	3512	3519	3526	rBV	531350	987942	28.79%	4.515%

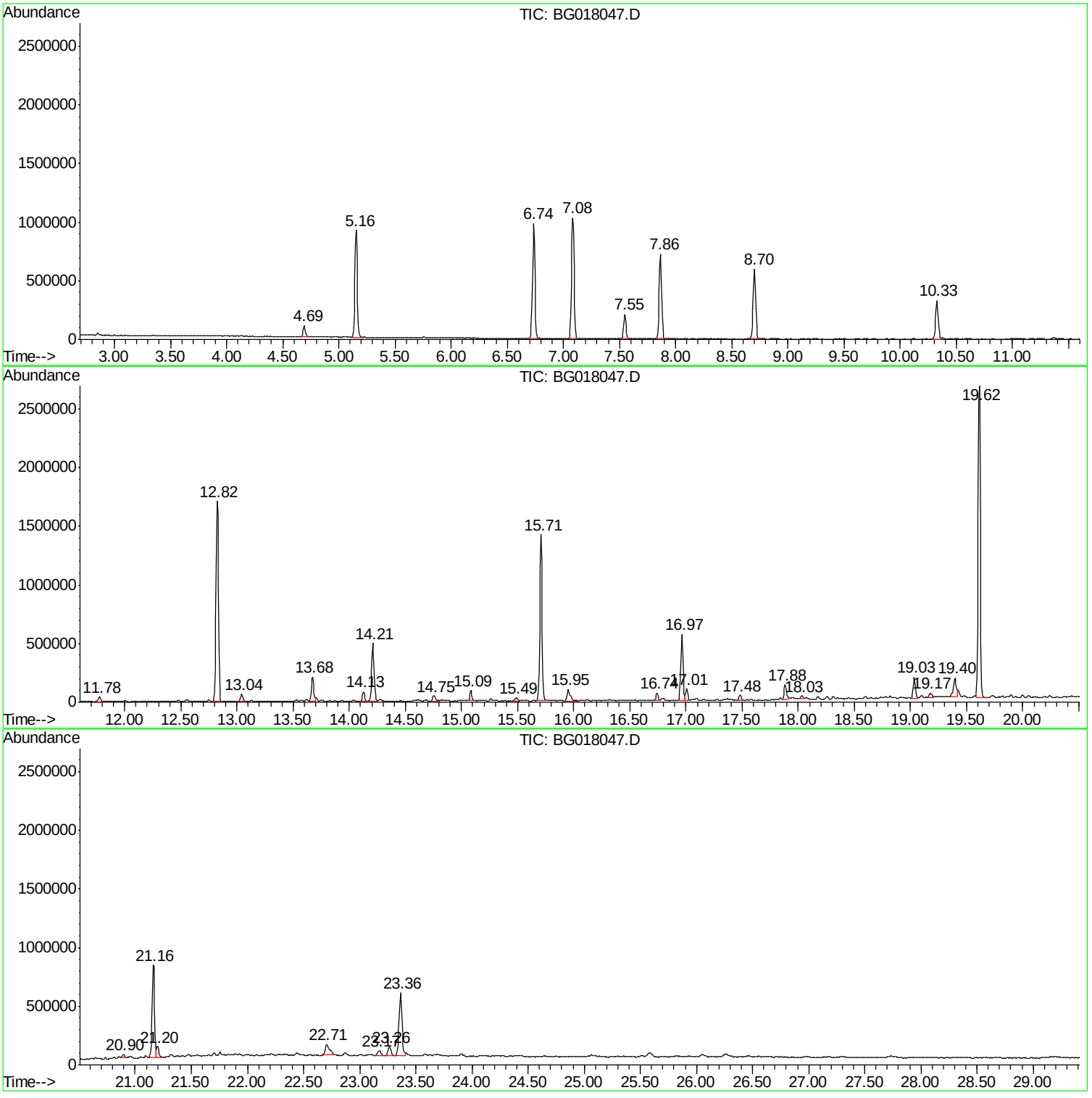
Sum of corrected areas: 21879039

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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 : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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

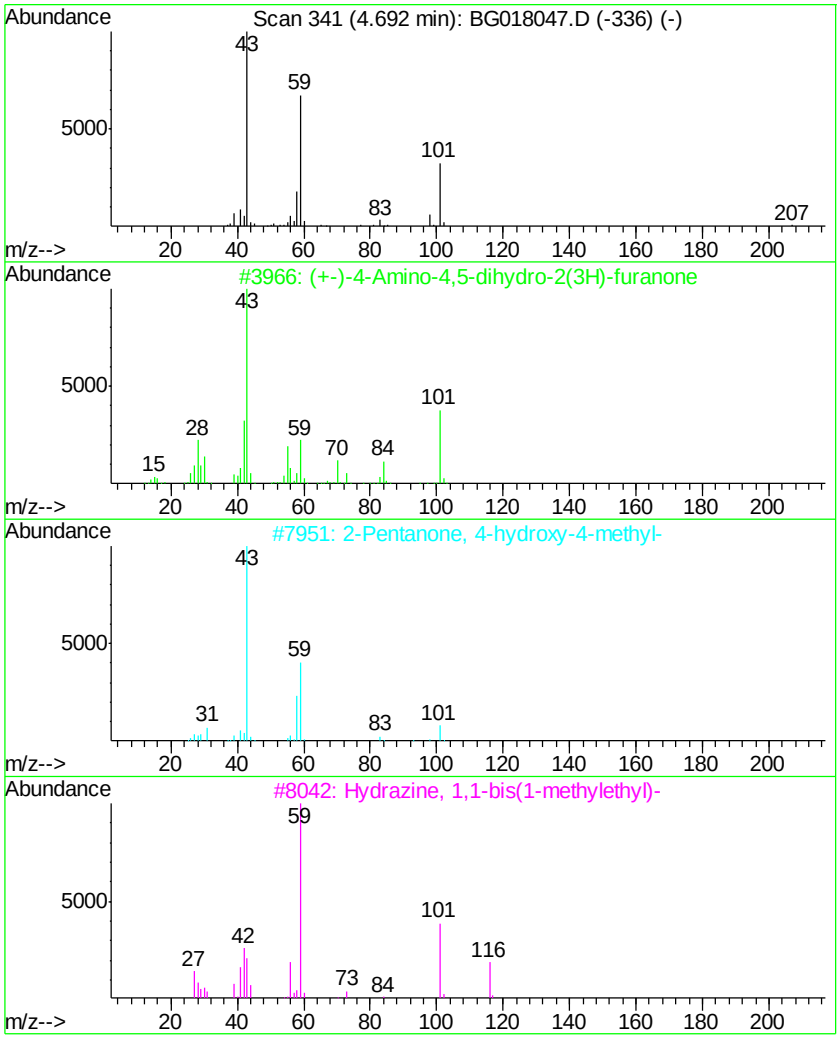
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

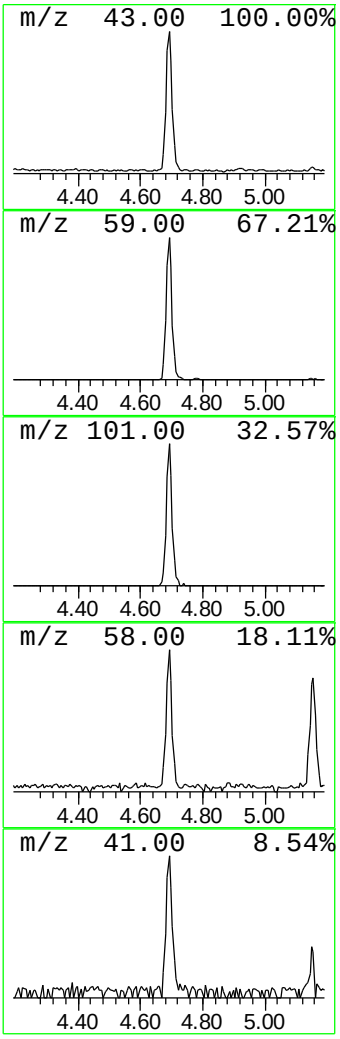
****

Peak Number 1 unknown4.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	7.94 ng	129518	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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

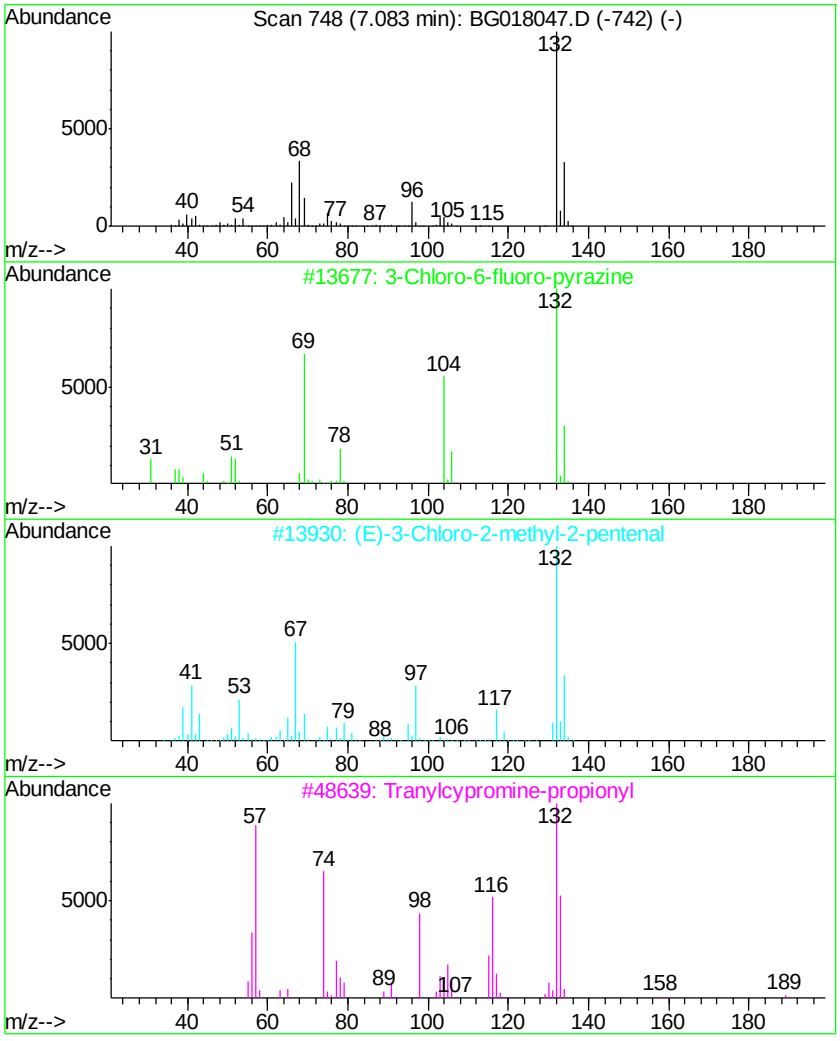
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

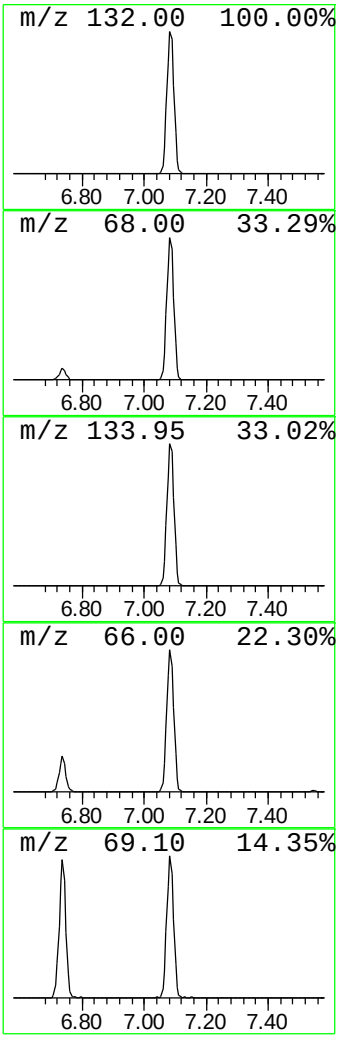
****

Peak Number 2 unknown7.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	98.04 ng	1600070	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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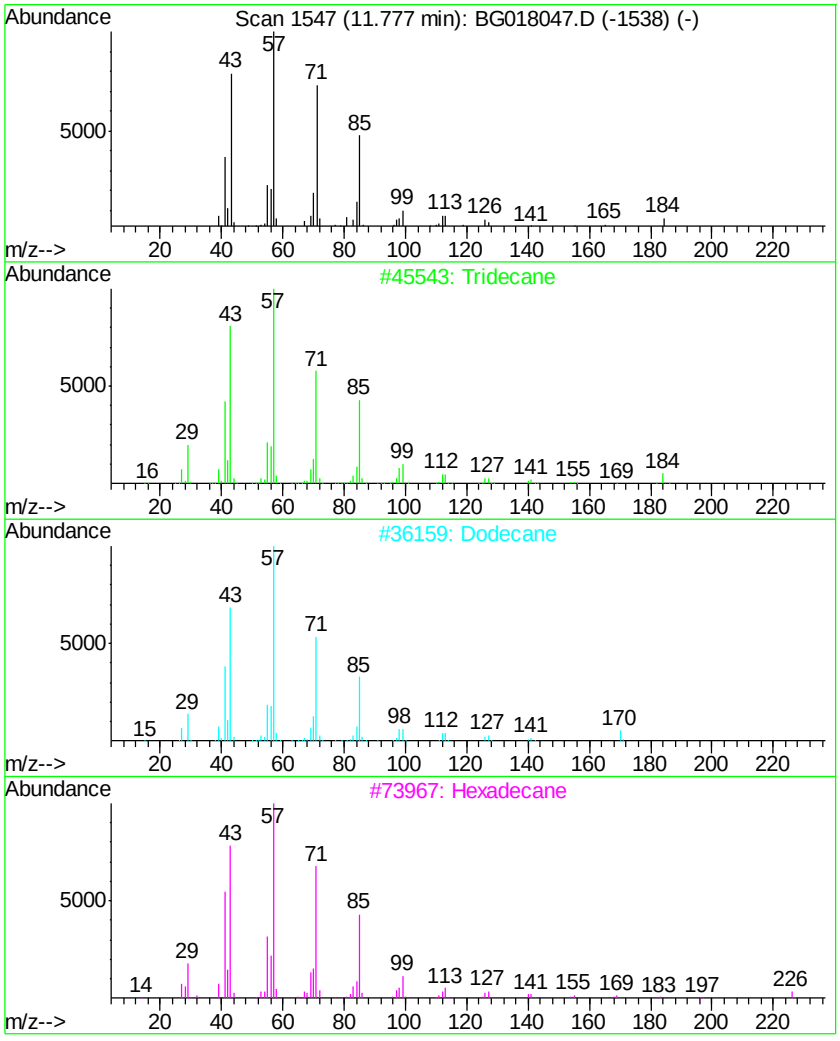
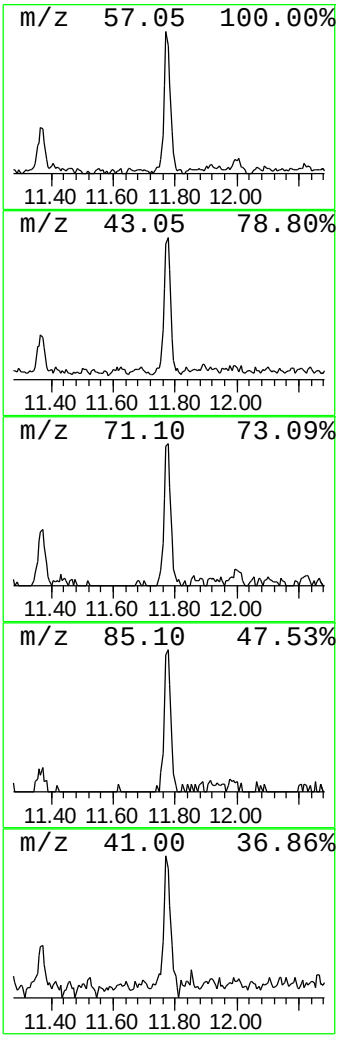
Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.38 ng	66312	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Dodecane	170	C12H26	000112-40-3	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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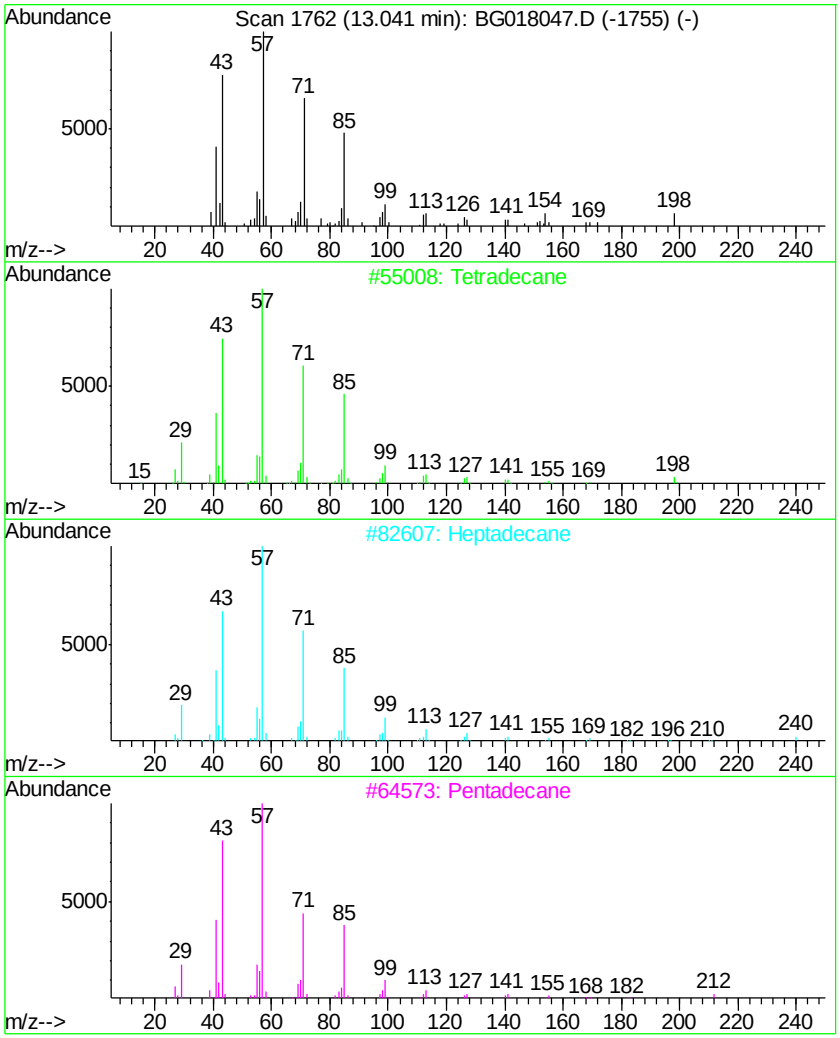
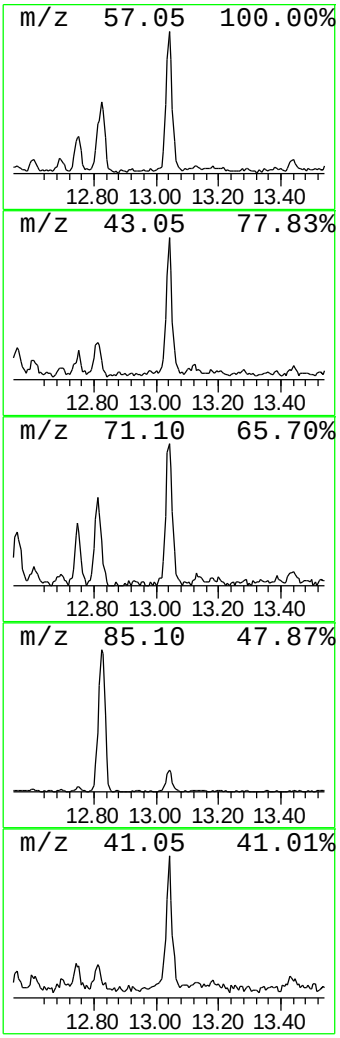
Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.50 ng	96002	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Heptadecane	240	C17H36	000629-78-7	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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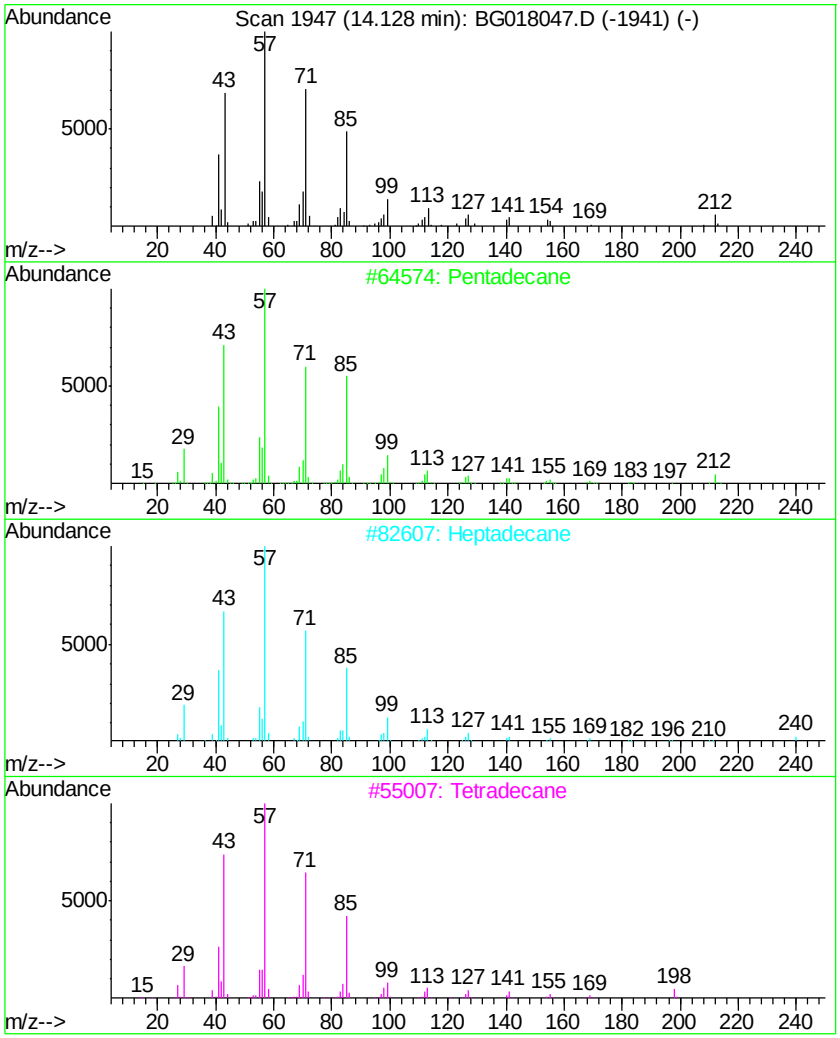
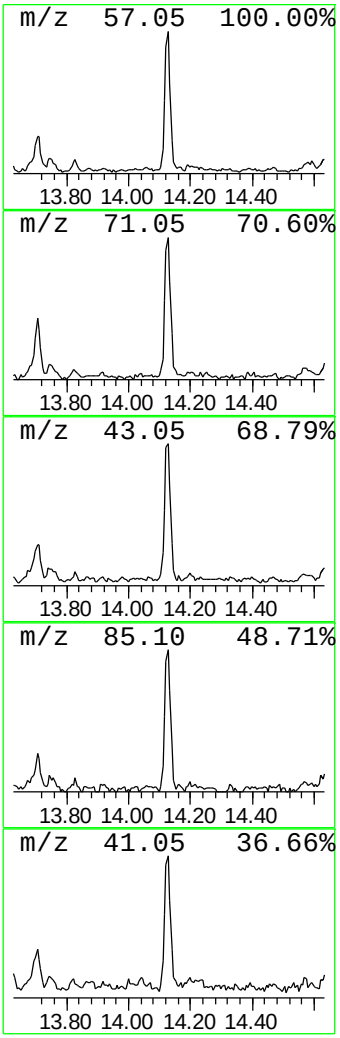
Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.96 ng	113638	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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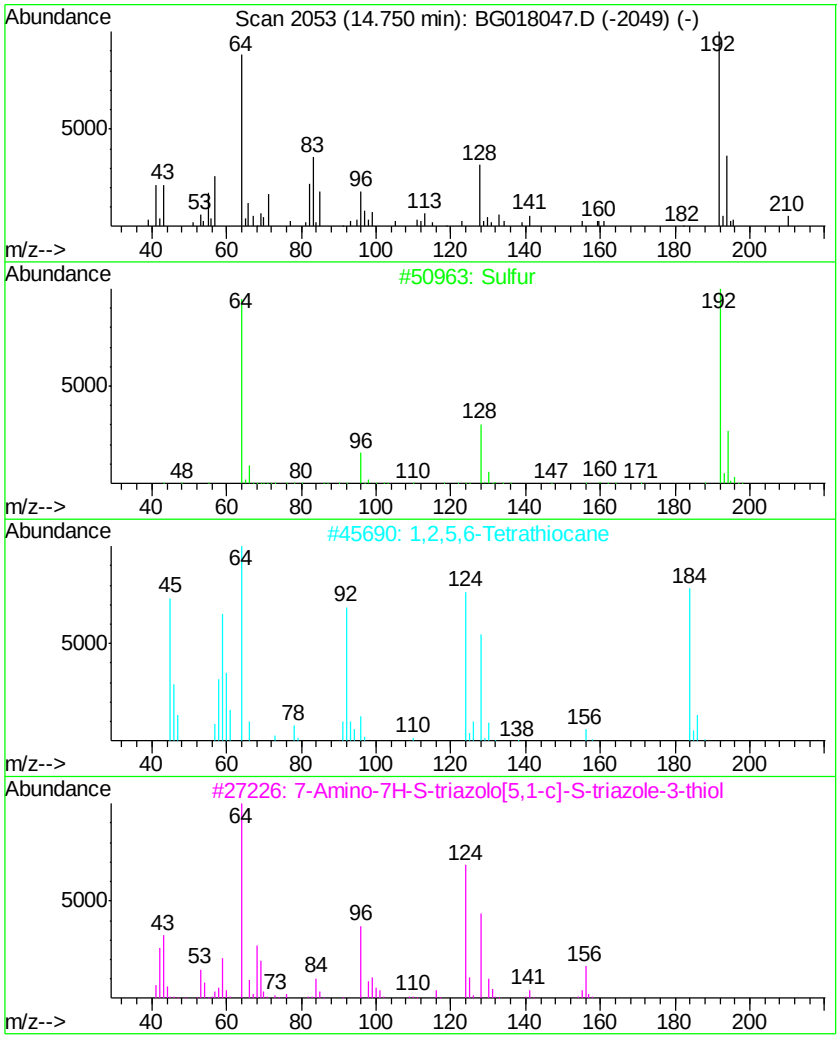
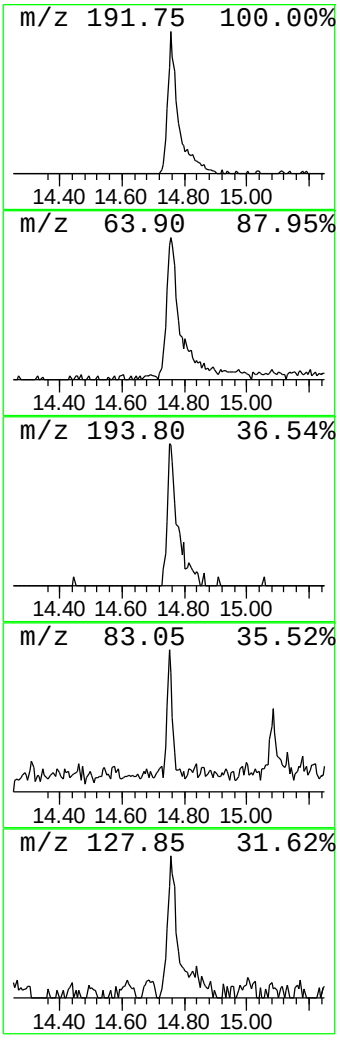
Peak Number 7 Sulfur Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.12 ng	81456	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur	192	S6	013798-23-7	94
2	1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	40
3	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	33
4	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	23
5	4-Chloro-isothiazolo[4,5-d]isoth...	192	C4HClN2OS2	1000274-74-8	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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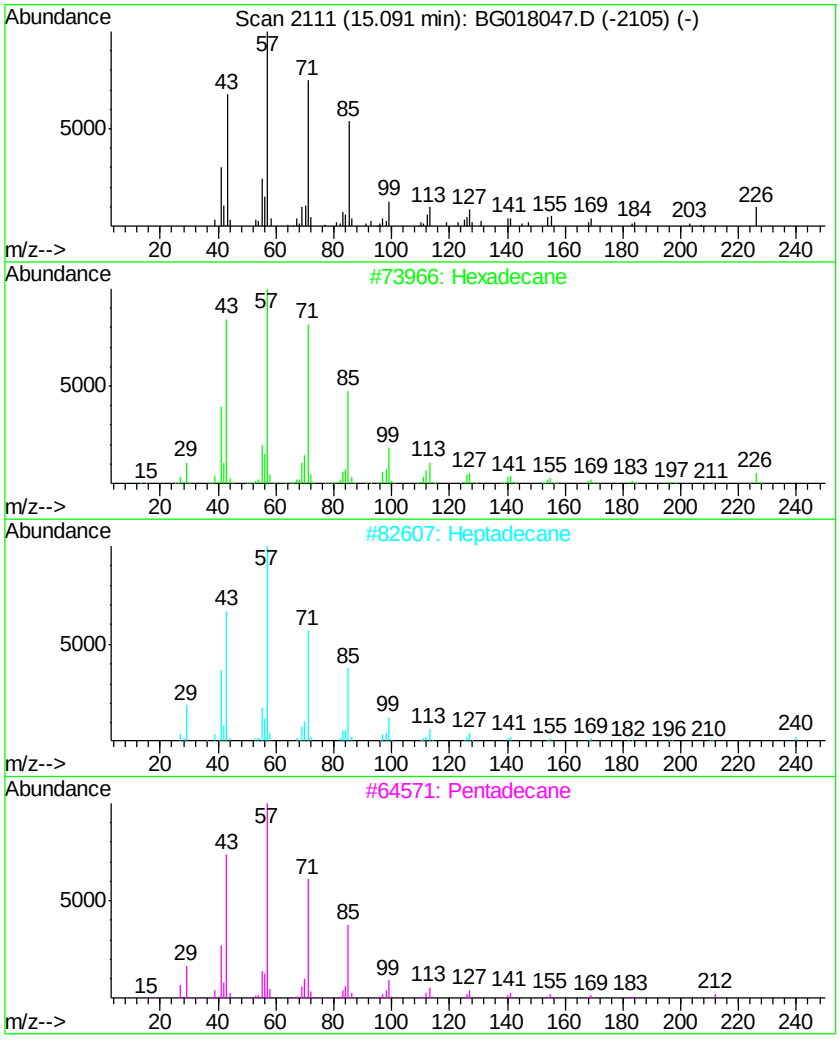
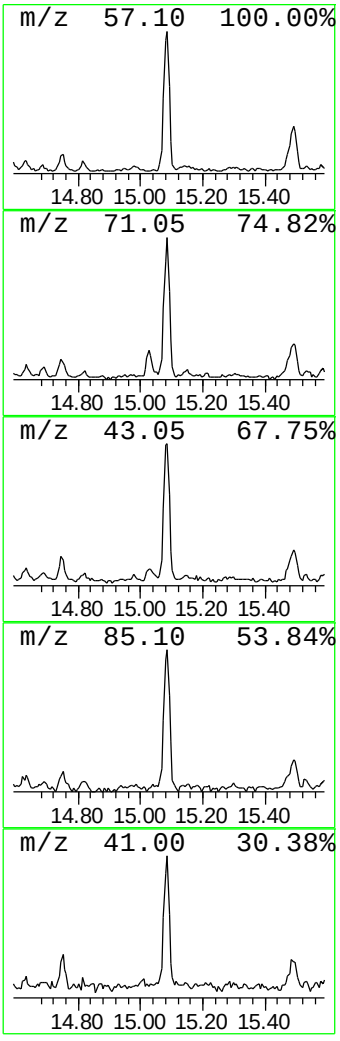
Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.77 ng	106213	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	98
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Docosane	310	C22H46	000629-97-0	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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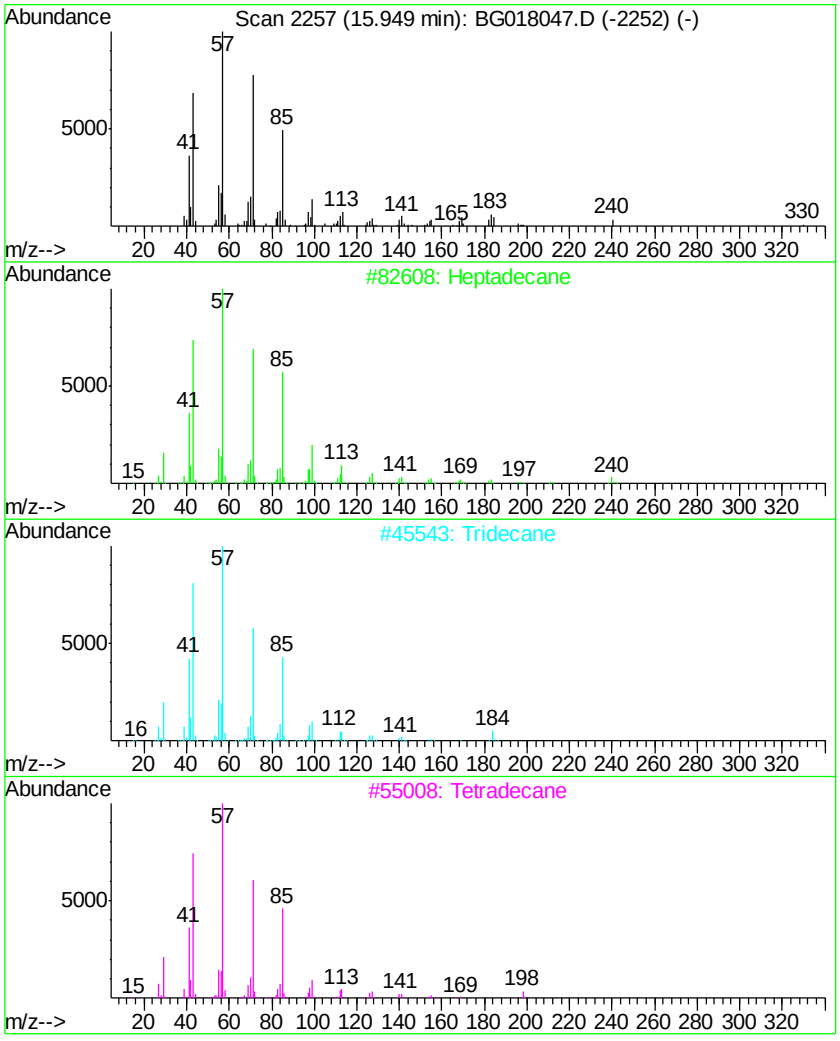
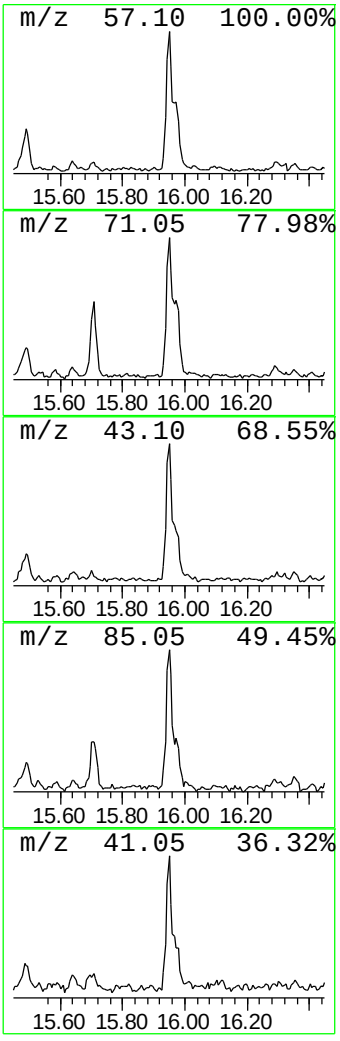
Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.87 ng	203163	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Tetradecane	198	C14H30	000629-59-4	91
4	Dodecane	170	C12H26	000112-40-3	91
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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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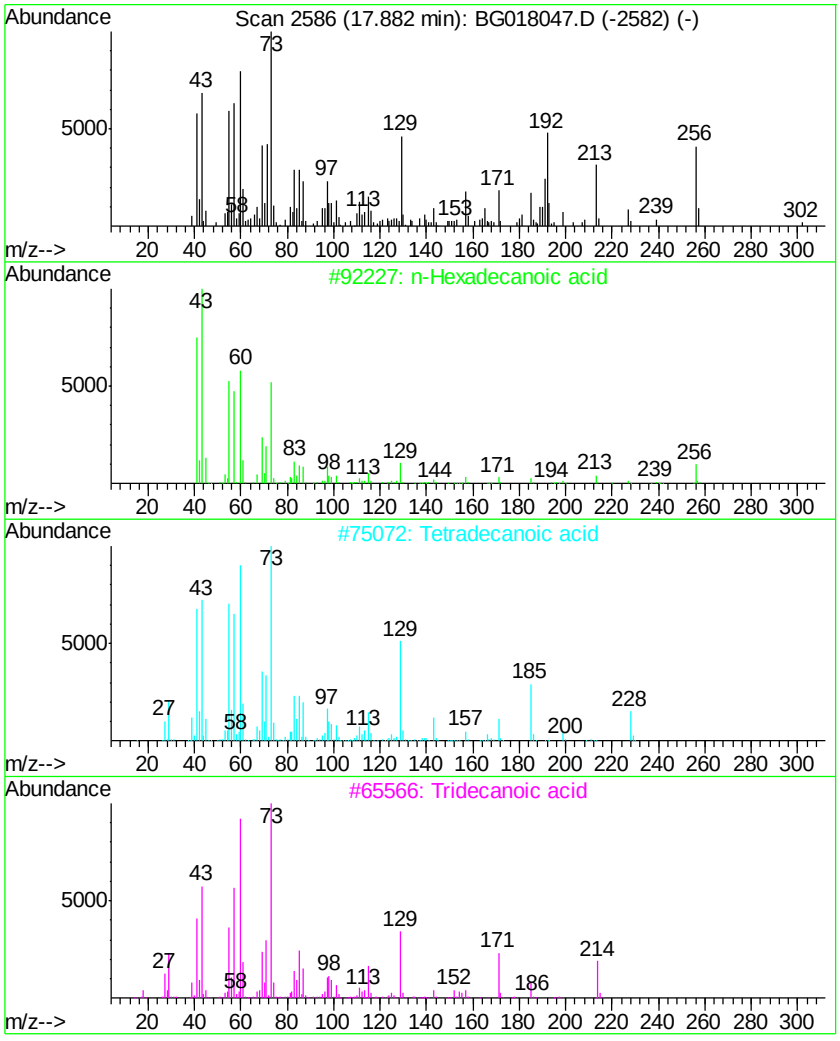
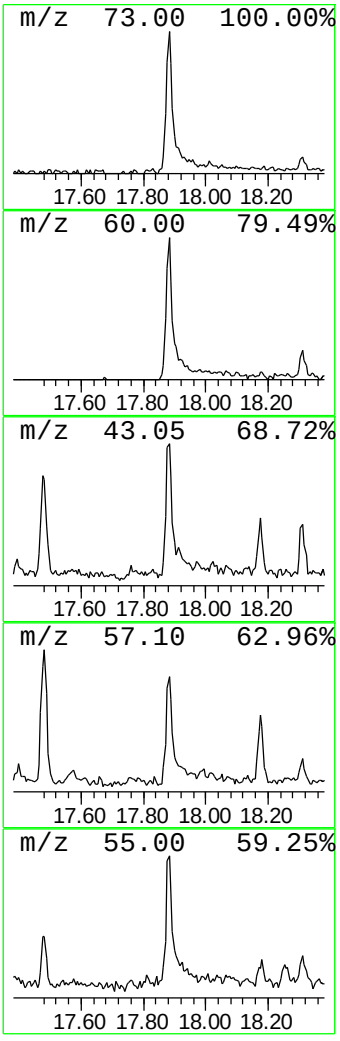
Peak Number 10 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.24 ng	176910	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018047.D
Acq On : 22 Jul 2015 7:19
Operator : TP/UM
Sample : G3027-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-10-3.0-3.5

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
unknown4.69	4.69	7.9	ng	129518	1	7.55	326416	20.0
unknown7.08	7.08	98.0	ng	1600070	1	7.55	326416	20.0
Tridecane	11.78	2.4	ng	66312	2	10.33	556116	20.0
Tetradecane	13.04	2.5	ng	96002	3	14.21	767926	20.0
Pentadecane	14.13	3.0	ng	113638	3	14.21	767926	20.0
Sulfur	14.75	2.1	ng	81456	3	14.21	767926	20.0
Hexadecane	15.09	2.8	ng	106213	3	14.21	767926	20.0
Heptadecane	15.95	4.9	ng	203163	4	16.97	834890	20.0
n-Hexadecanoic acid	17.88	4.2	ng	176910	4	16.97	834890	20.0