LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

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-BG041316.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	3.099	39	44	63	rVB	1396302	2055338	100.00%	14.406%
2	3.364	85	89	95	rBV	15293	21855	1.06%	0.153%
3	5.291	409	417	424	rBV	27324	44451	2.16%	0.312%
4	5.761	491	497	507	rBV	496453	824847	40.13%	5.781%
5	7.365	762	770	781	rBV	544064	971707	47.28%	6.811%
6	7.747	827	835	844	rBV	525619	917749	44.65%	6.432%
7	8.211	908	914	921	rBV	100943	178812	8.70%	1.253%
8	8.540	962	970	978	rBV	369644	653855	31.81%	4.583%
9	9.380	1104	1113	1124	rBV	336939	615062	29.93%	4.311%
10	11.031	1387	1394	1401	rVB	166352	295170	14.36%	2.069%
11	13.452	1797	1806	1813	rBV	924419	1456220	70.85%	10.206%
12	14.263	1938	1944	1951	rBV	141317	212984	10.36%	1.493%
13	14.691	2012	2017	2024	rBV	32012	41551	2.02%	0.291%
14	14.821	2033	2039	2047	rVB2	296596	474955	23.11%	3.329%
15	15.637	2173	2178	2183	rVB	56025	73396	3.57%	0.514%
16	16.037	2237	2246	2251	rBV2	16770	39999	1.95%	0.280%
17	16.301	2285	2291	2301	rVB	767138	1188571	57.83%	8.331%
18	16.495	2319	2324	2332	rBV	54650	91984	4.48%	0.645%
19	17.283	2454	2458	2463	rBV	31423	37420	1.82%	0.262%
20	17.559	2496	2505	2511	rBV	347960	539110	26.23%	3.779%
21	20.044	2924	2928	2932	rVB2	19180	23588	1.15%	0.165%
22	20.138	2938	2944	2952	rBV	1445838	1973842	96.03%	13.834%
23	20.919	3074	3077	3082	rVB3	15689	21765	1.06%	0.153%
24	21.442	3161	3166	3172	rBV2	24457	42277	2.06%	0.296%
25	21.824	3224	3231	3243	rBV	357716	632157	30.76%	4.431%
26	23.328	3481	3487	3494	rBV3	32176	66096	3.22%	0.463%
27	23.546	3517	3524	3532	rVB	63912	127635	6.21%	0.895%
28	25.156	3787	3798	3811	rBV	208860	619649	30.15%	4.343%
29	26.337	3991	3999	4008	rBV10	8630	25553	1.24%	0.179%

Sum of corrected areas: 14267598

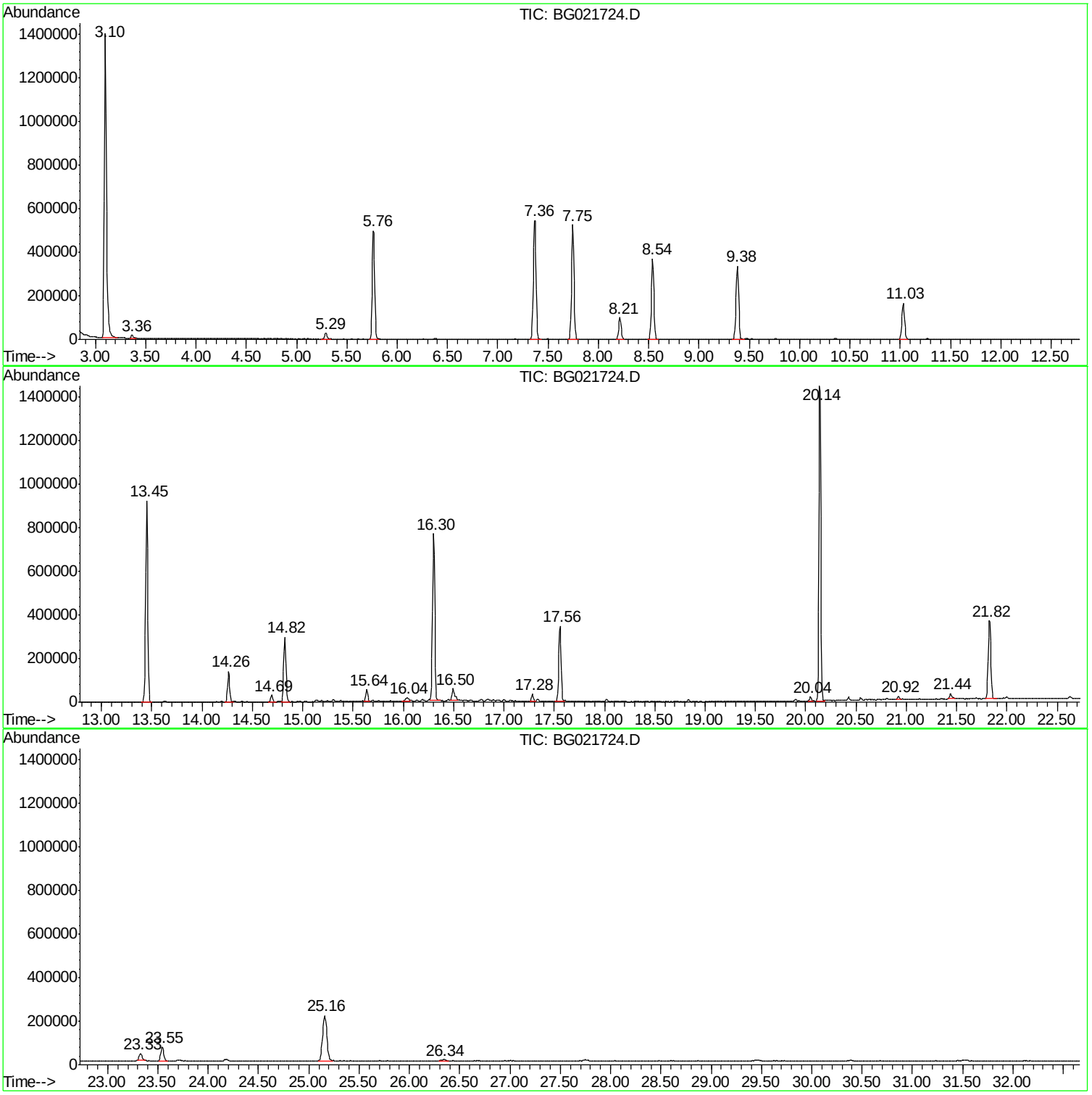
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

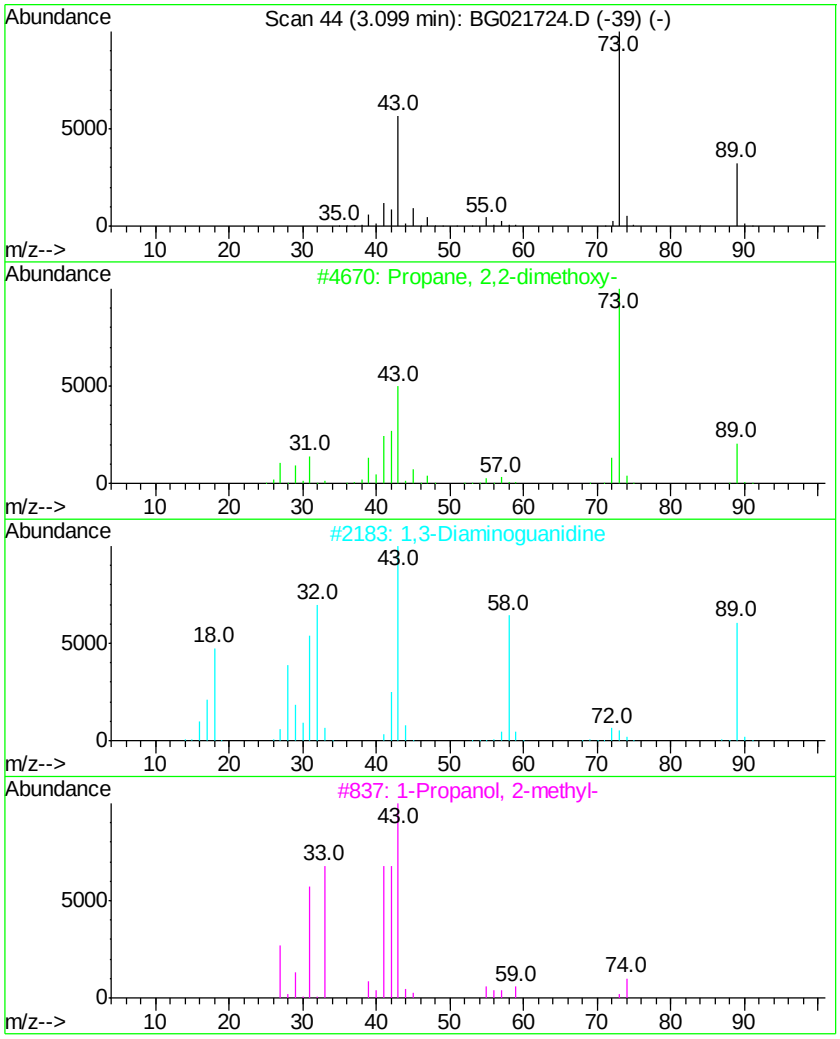
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

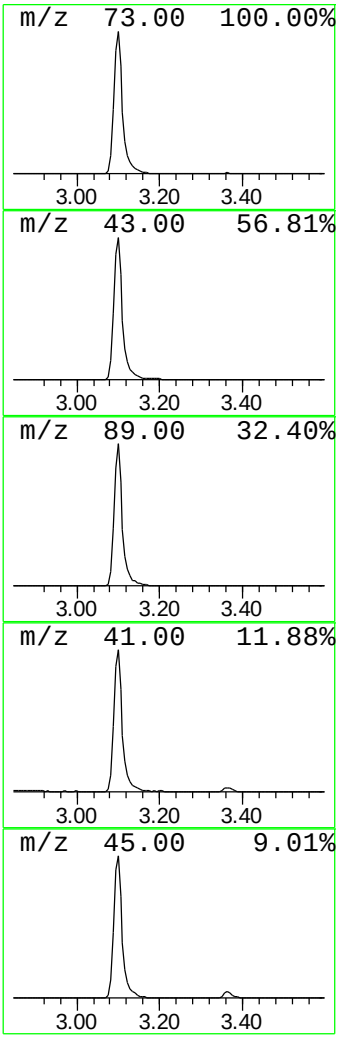
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	229.89 ng	2055340	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

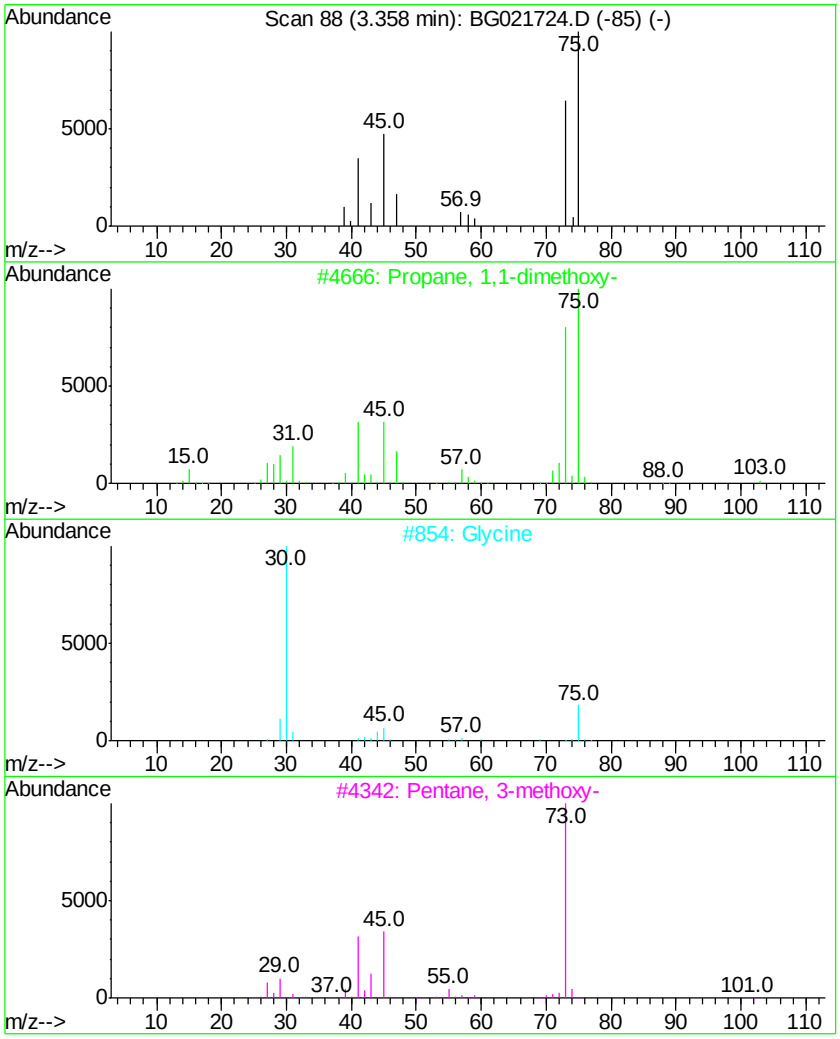
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

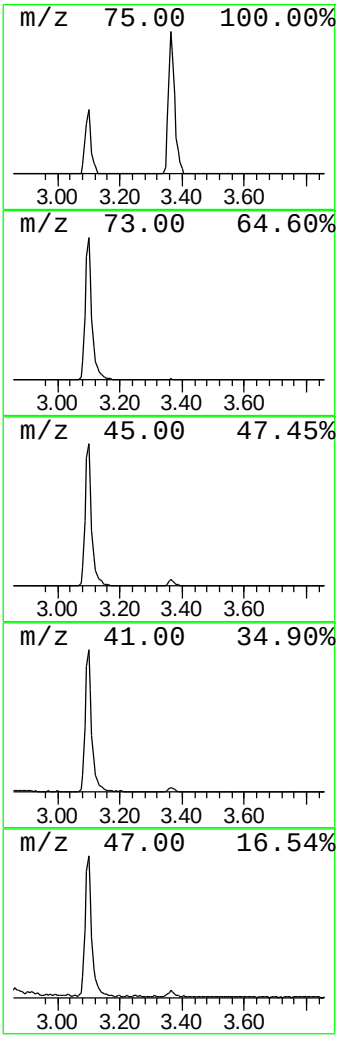
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	2.44 ng	21855	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	Glycine	75	C2H5NO2	000056-40-6	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
5	Chloromethyl cyanide	75	C2H2ClN	000107-14-2	5





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

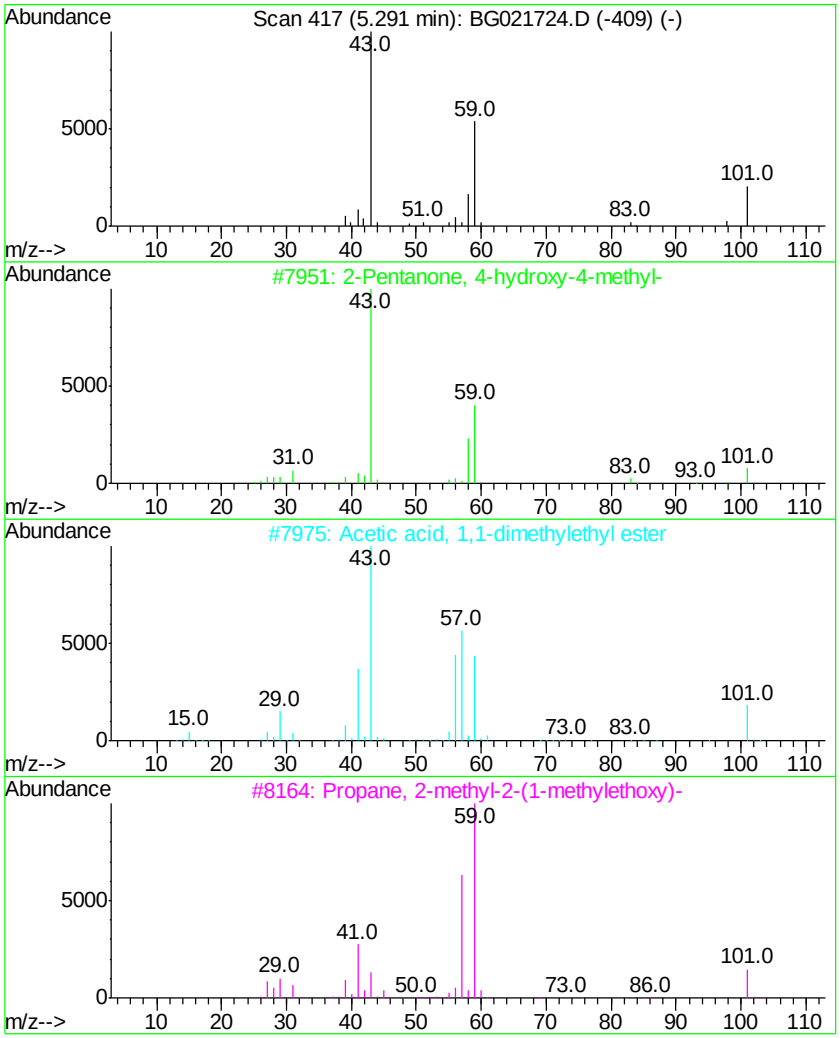
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

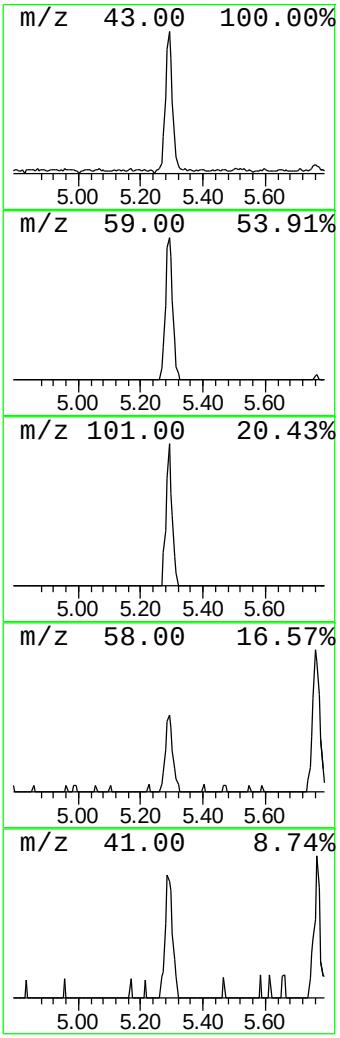
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.97 ng	44451	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

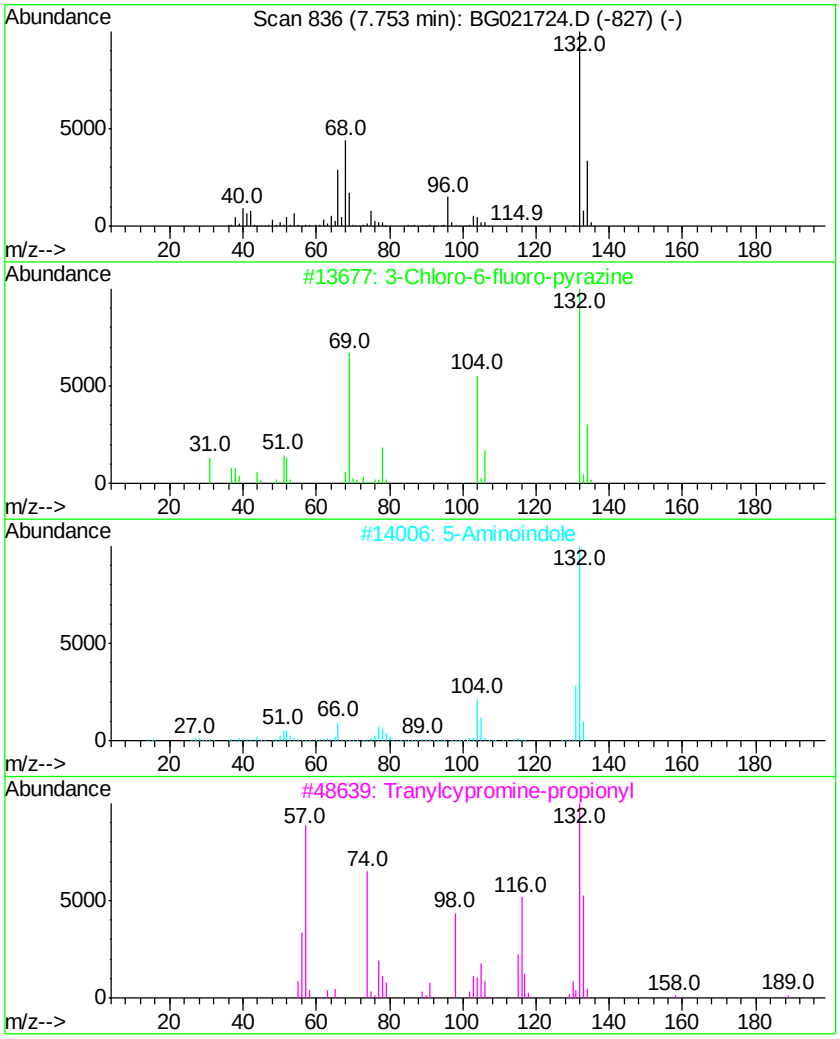
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

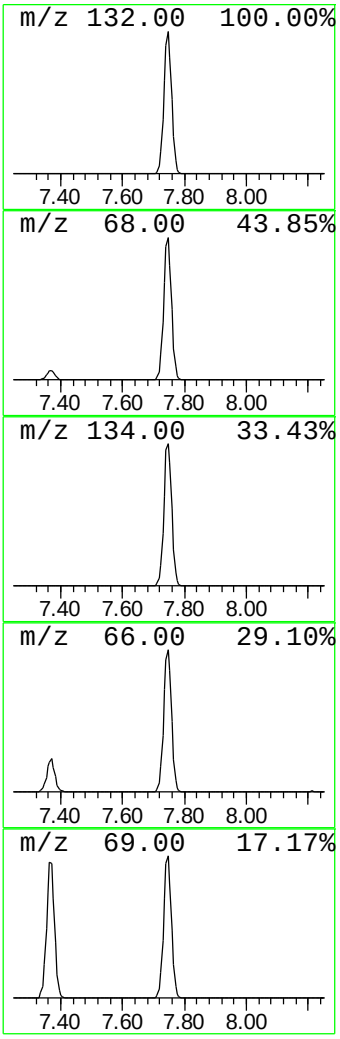
****

Peak Number 4 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	102.65 ng	917749	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

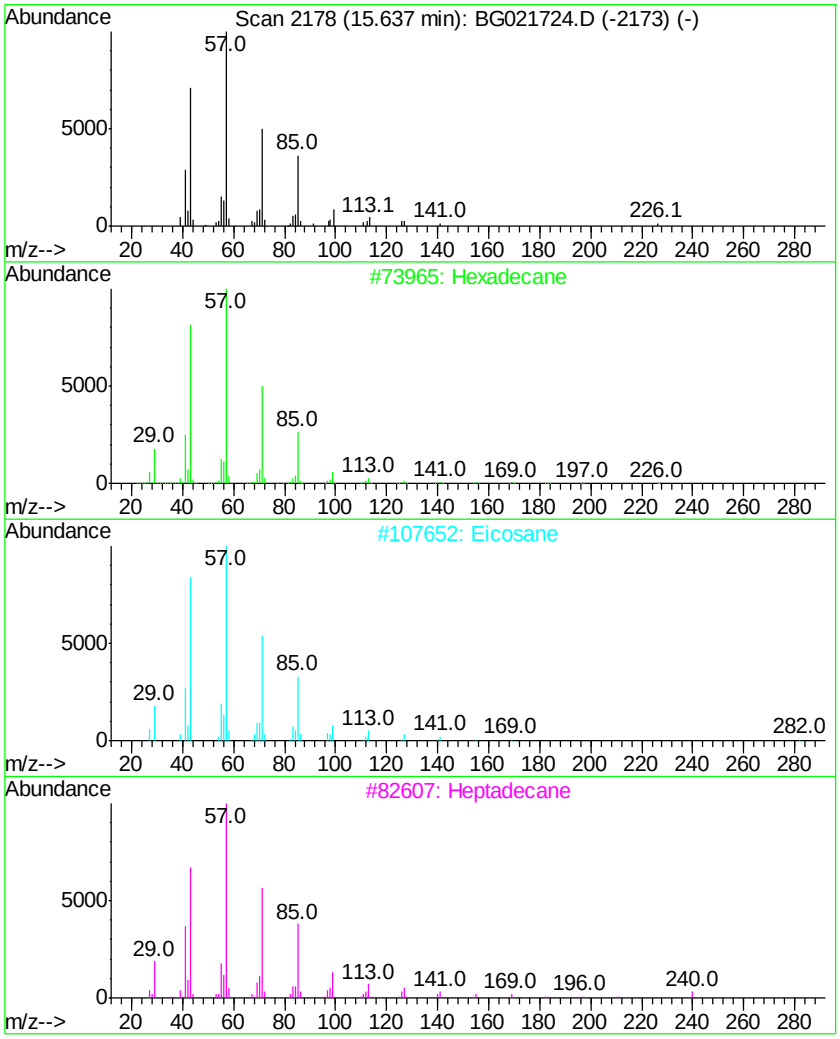
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

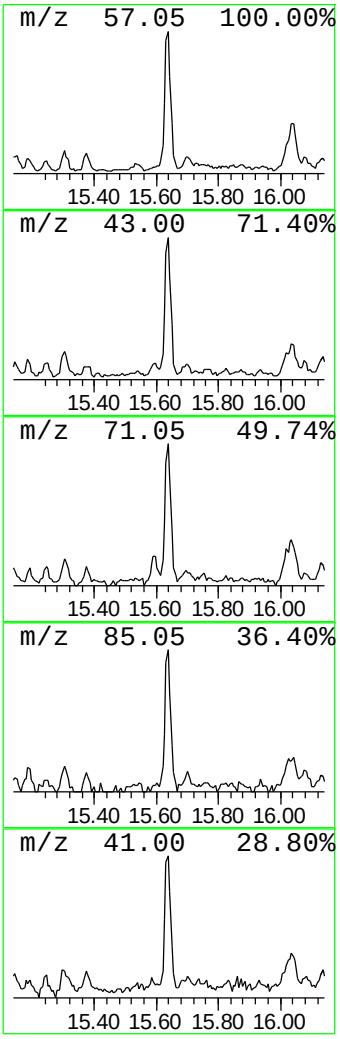
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.09 ng	73396	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

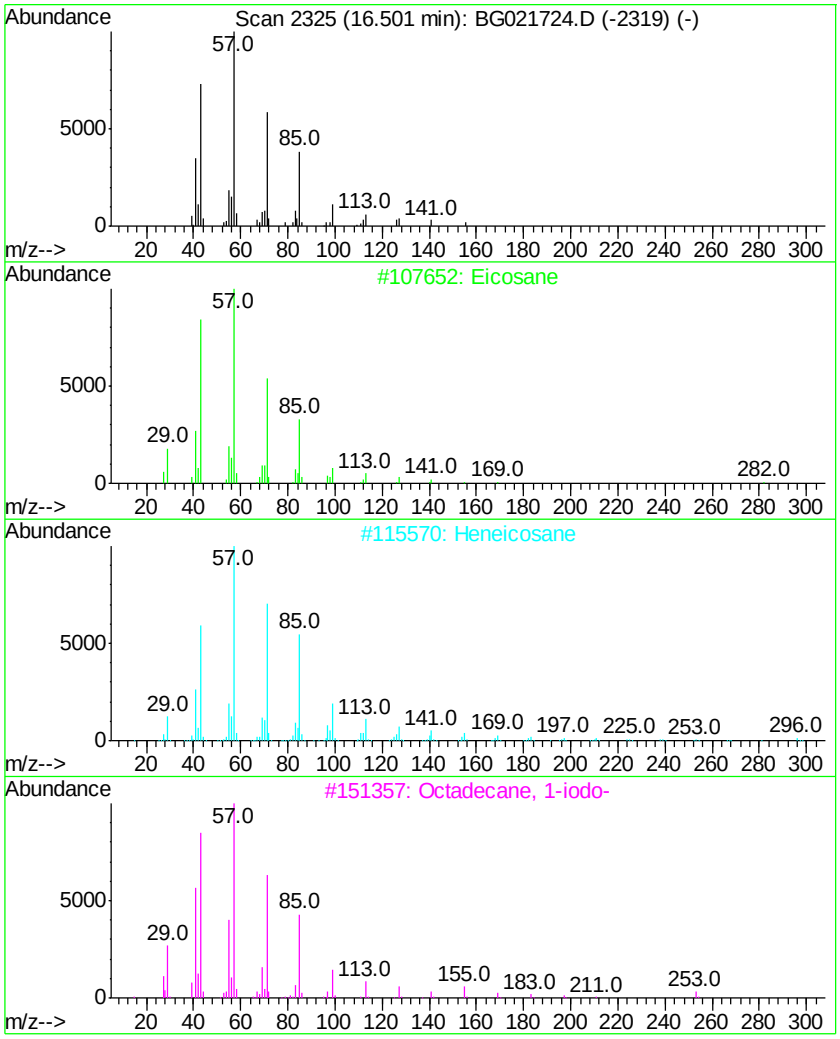
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

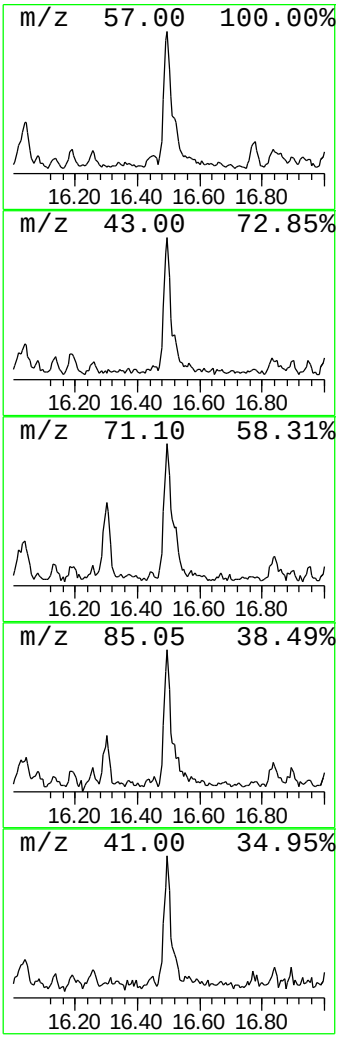
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.41 ng	91984	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83





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Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

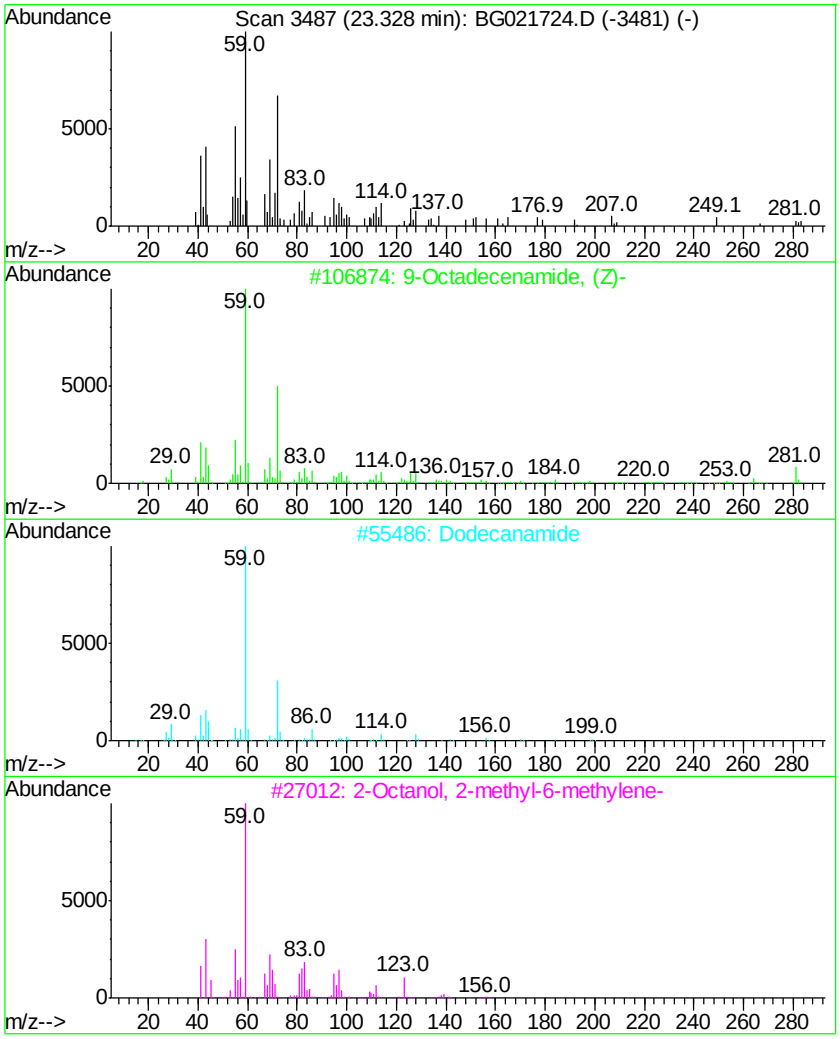
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

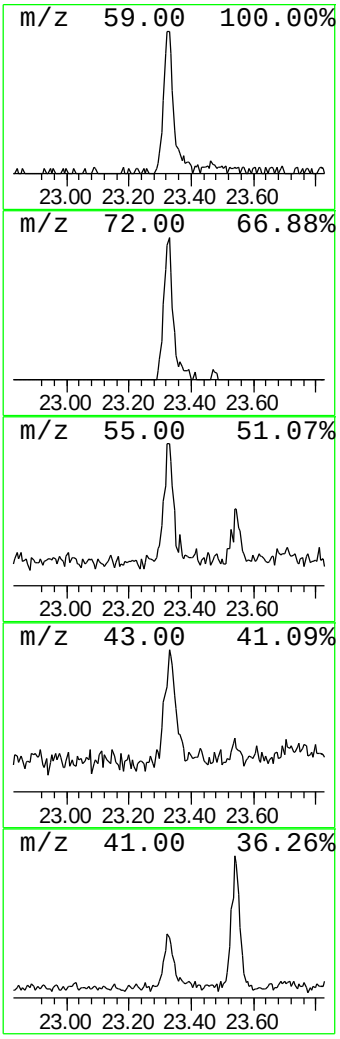
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.09 ng	66096	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Dodecanamide	199	C12H25NO	001120-16-7	59
3	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	43
4	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	37
5	9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

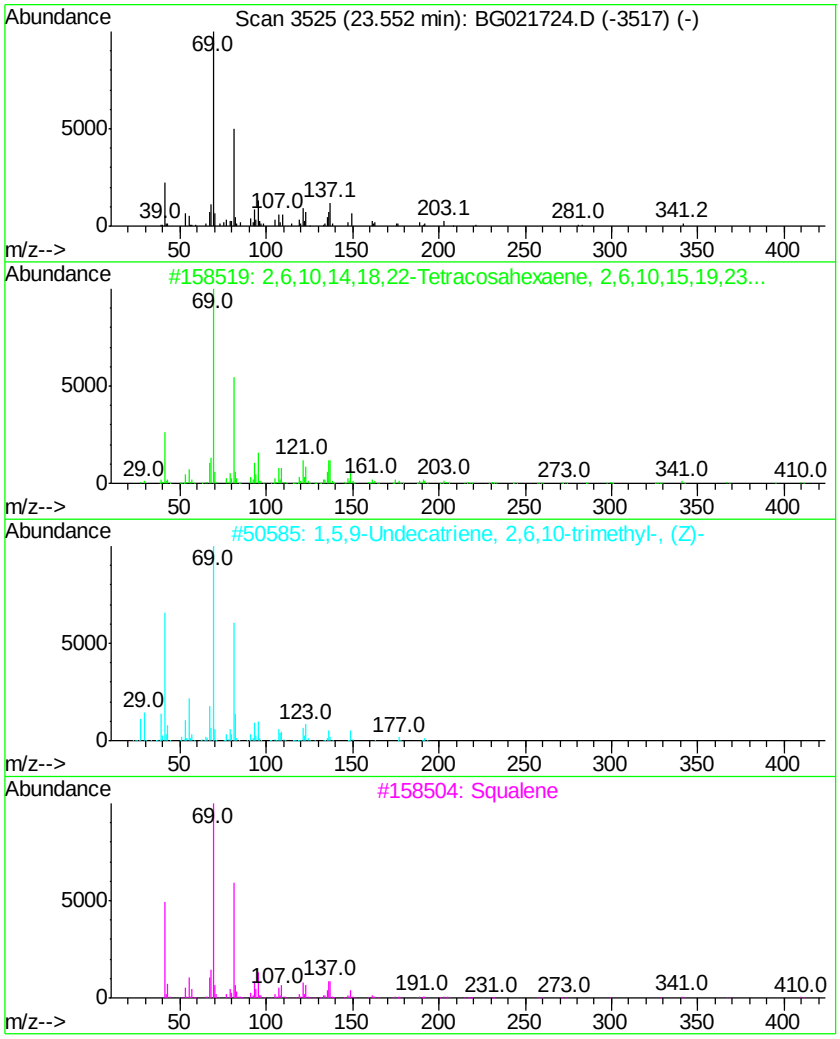
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

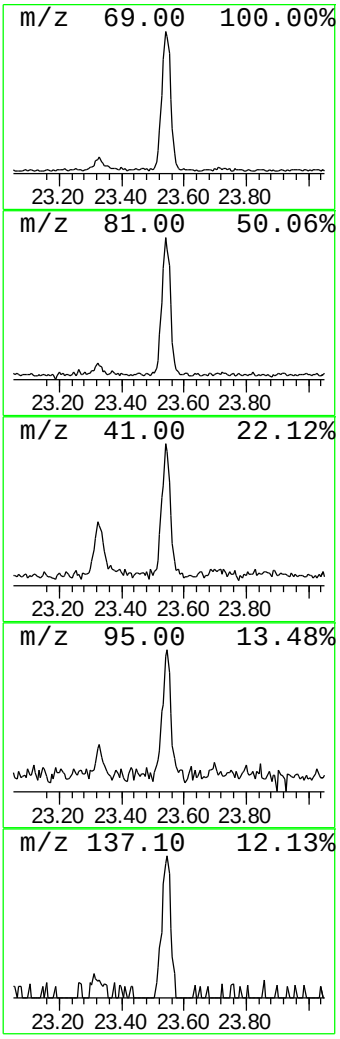
****

Peak Number 9 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.55	4.12 ng	127635	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
3	Squalene	410	C30H50	007683-64-9	86
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
Data File : BG021724.D
Acq On : 18 Apr 2016 4:32
Operator : UM/SJ
Sample : H2513-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-EW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
Propane, 2,2-dime...	3.10	229.9	ng	2055340	1	8.21	178812	20.0
Propane, 1,1-dime...	3.36	2.4	ng	21855	1	8.21	178812	20.0
2-Pentanone, 4-hy...	5.29	5.0	ng	44451	1	8.21	178812	20.0
unknown	7.75	102.7	ng	917749	1	8.21	178812	20.0
Hexadecane	15.64	3.1	ng	73396	3	14.82	474955	20.0
Eicosane	16.50	3.4	ng	91984	4	17.56	539110	20.0
9-Octadecenamide,...	23.33	2.1	ng	66096	5	21.83	632157	20.0
2,6,10,14,18,22-T...	23.55	4.1	ng	127635	6	25.16	619649	20.0