LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-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	3.097	39	44	65	rVB	1858338	2659293	100.00%	16.839%
2	5.289	412	417	425	rBV	27932	44297	1.67%	0.281%
3	5.765	491	498	516	rVB	561926	914487	34.39%	5.791%
4	7.369	761	771	781	rBV	613340	1069921	40.23%	6.775%
5	7.745	827	835	844	rBV	570246	1001993	37.68%	6.345%
6	8.215	908	915	922	rBV	108005	185524	6.98%	1.175%
7	8.538	962	970	980	rVB	392971	703188	26.44%	4.453%
8	9.384	1105	1114	1122	rBV	363277	668396	25.13%	4.232%
9	11.029	1387	1394	1403	rVB	171772	312032	11.73%	1.976%
10	13.450	1797	1806	1815	rBV	1082420	1637873	61.59%	10.372%
11	14.261	1937	1944	1950	rBV	110425	163912	6.16%	1.038%
12	14.690	2013	2017	2023	rVB	26547	35149	1.32%	0.223%
13	14.819	2033	2039	2048	rVB2	288386	493079	18.54%	3.122%
14	15.636	2174	2178	2184	rVB	48460	58417	2.20%	0.370%
15	16.041	2237	2247	2251	rBV	13927	30606	1.15%	0.194%
16	16.300	2285	2291	2302	rVB	798935	1244909	46.81%	7.883%
17	16.493	2319	2324	2327	rBV	45618	59626	2.24%	0.378%
18	17.287	2454	2459	2463	rBV	23128	29201	1.10%	0.185%
19	17.557	2498	2505	2511	rBV2	358530	549889	20.68%	3.482%
20	17.909	2559	2565	2576	rBV	60337	93973	3.53%	0.595%
21	19.261	2790	2795	2803	rBV	102554	142379	5.35%	0.902%
22	19.819	2886	2890	2895	rBV	36354	42150	1.59%	0.267%
23	20.142	2939	2945	2951	rVB	1618139	2111945	79.42%	13.373%
24	20.853	3062	3066	3074	rBV	30023	41682	1.57%	0.264%
25	21.435	3161	3165	3178	rBV2	53719	95232	3.58%	0.603%
26	21.828	3225	3232	3239	rVB	371617	629626	23.68%	3.987%
27	23.332	3482	3488	3497	rVB8	18848	47384	1.78%	0.300%
28	23.544	3517	3524	3531	rBV	53742	106824	4.02%	0.676%
29	25.160	3788	3799	3810	rBV2	205124	619031	23.28%	3.920%

Sum of corrected areas: 15792018

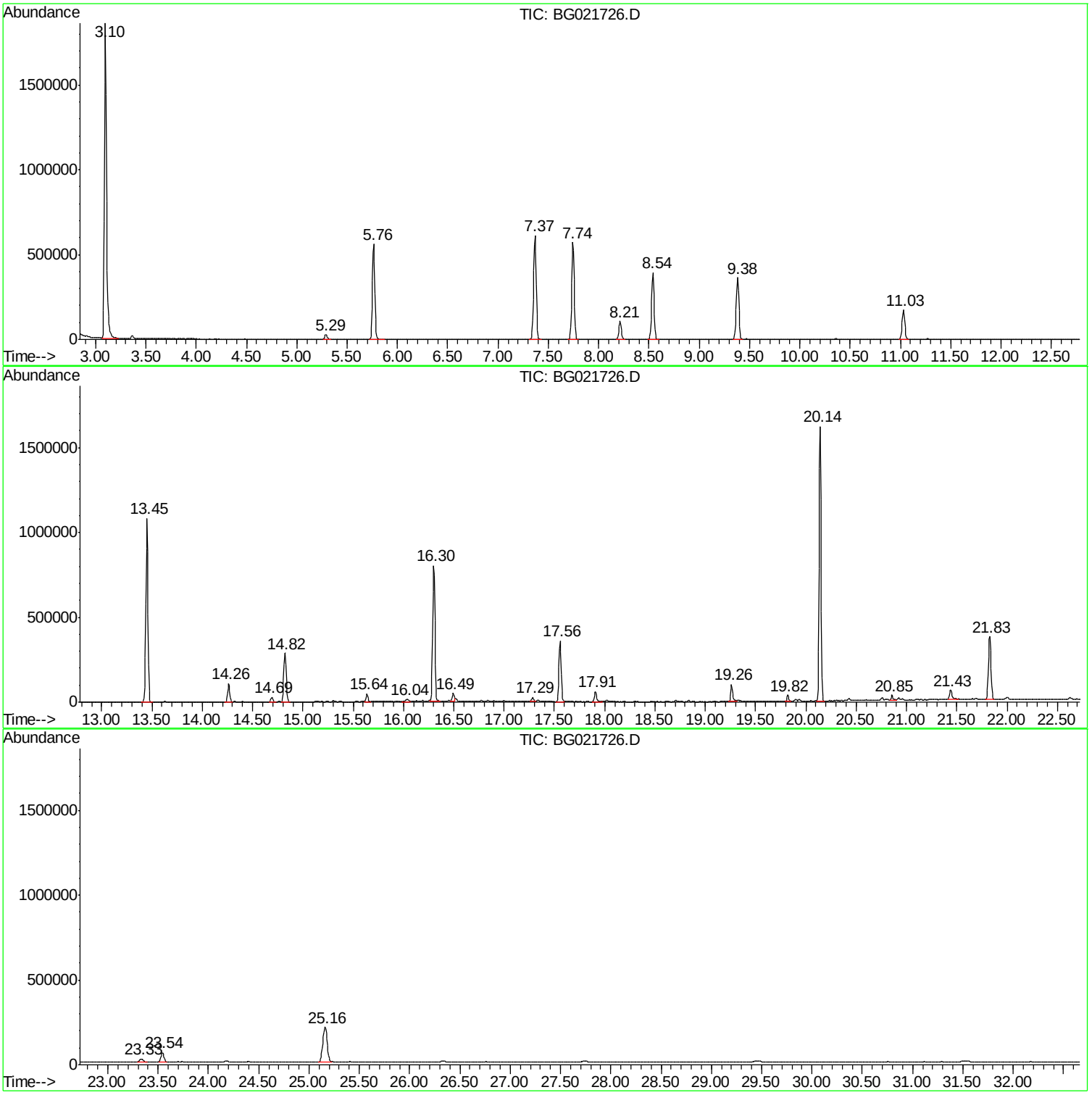
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
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Operator : UM/SJ
Sample : H2513-04
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

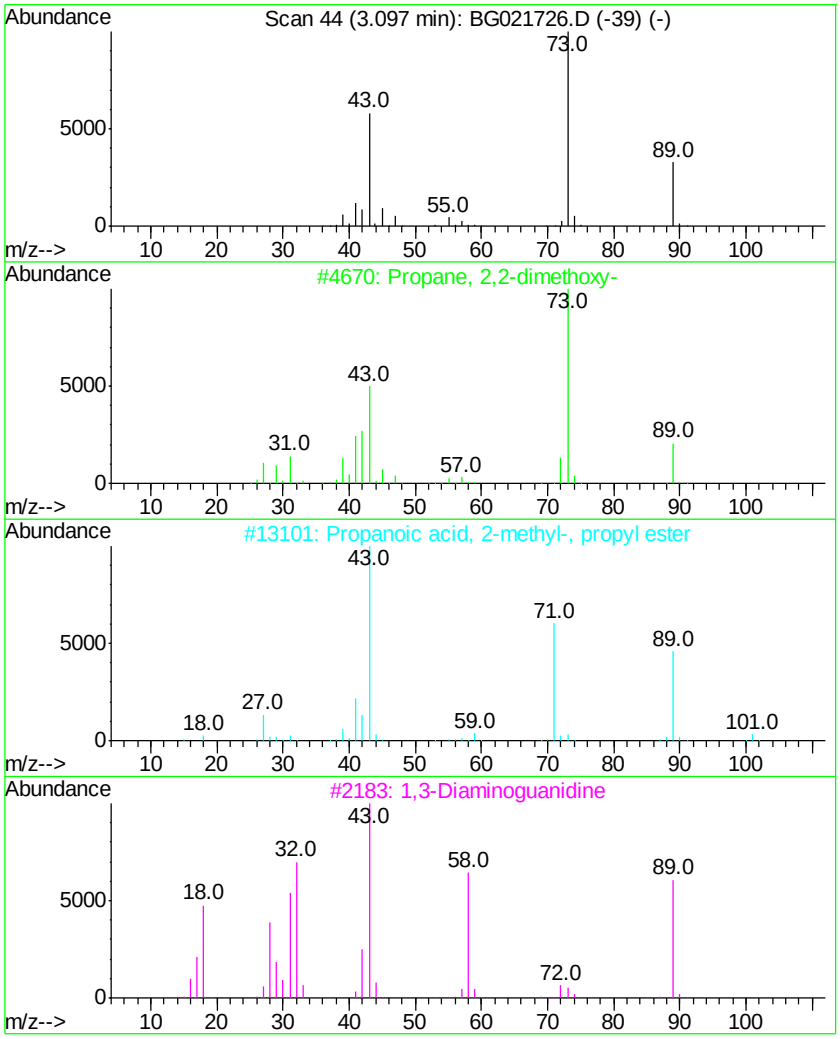
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

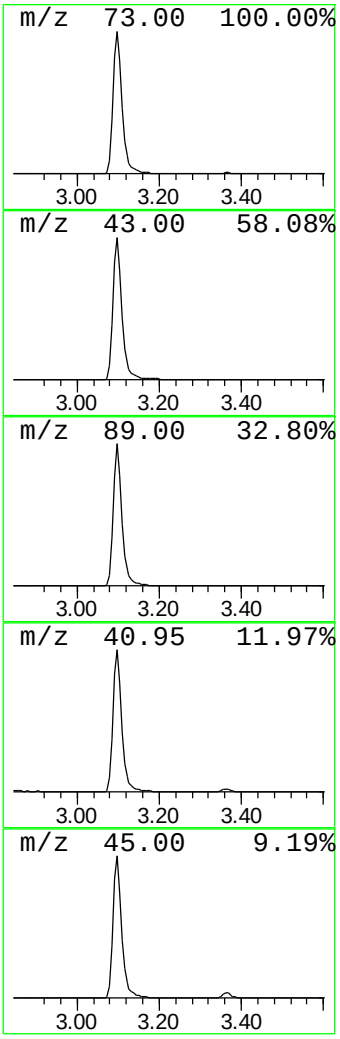
****

Peak Number 1 unknown3.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	286.68 ng	2659290	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	40
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

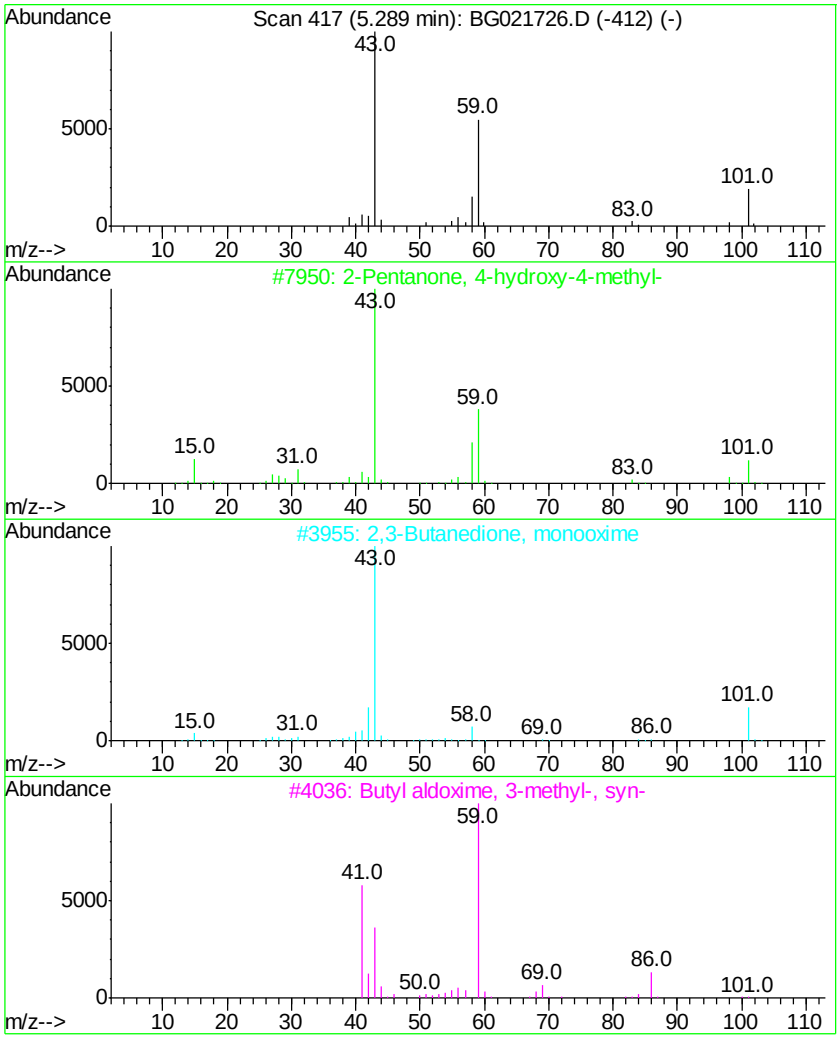
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

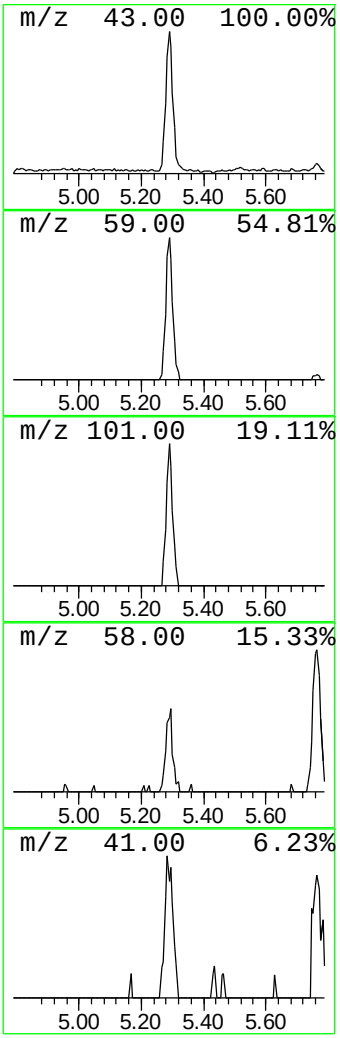
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.78 ng	44297	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	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

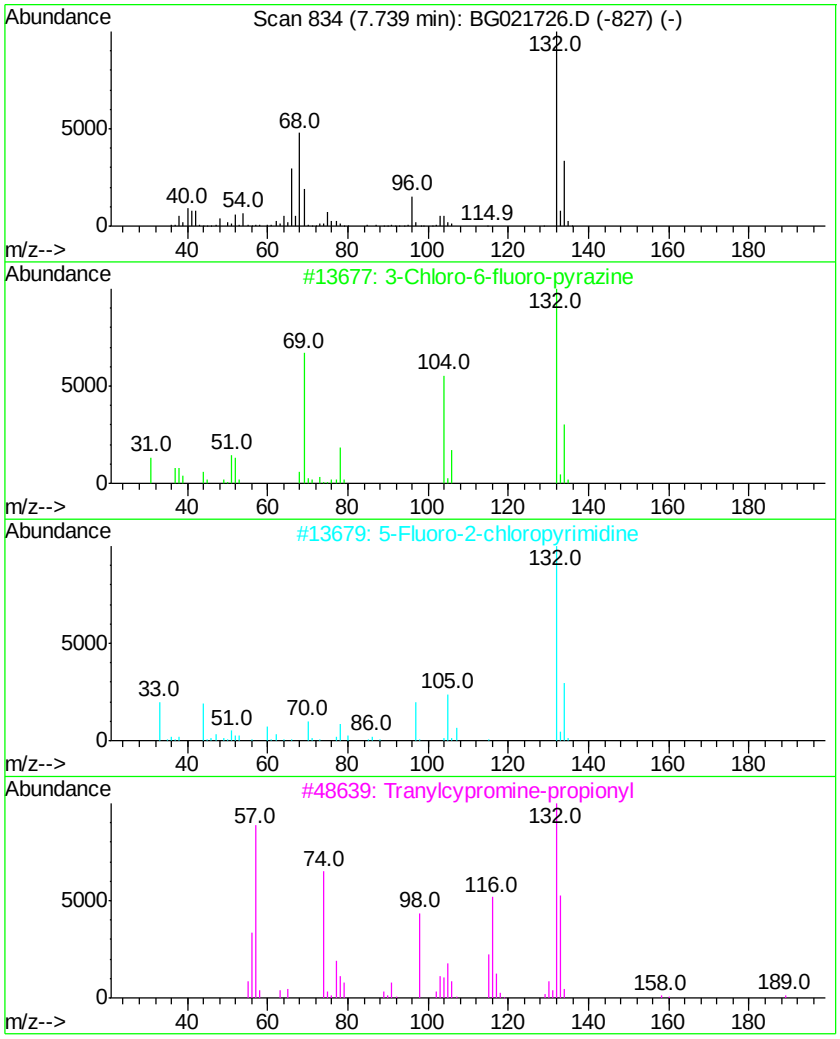
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

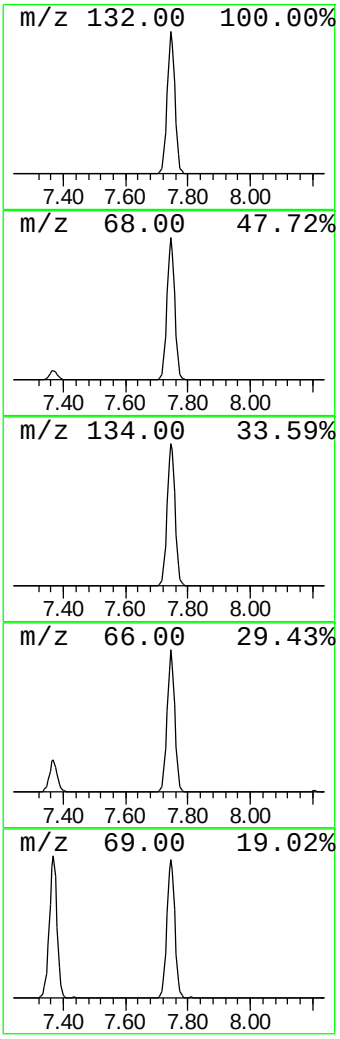
****

Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	108.02 ng	1001990	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

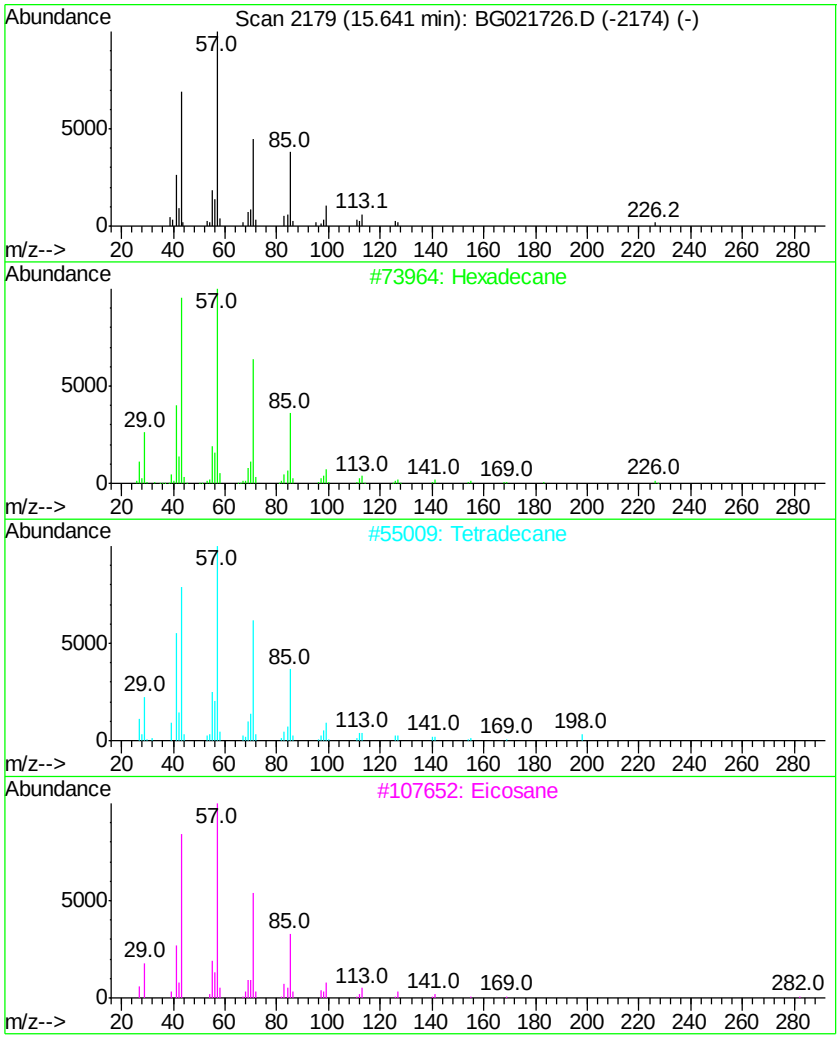
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

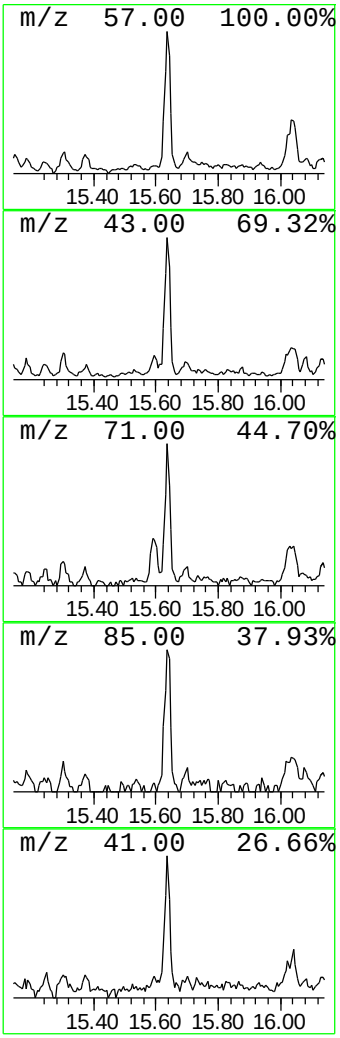
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.37 ng	58417	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-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

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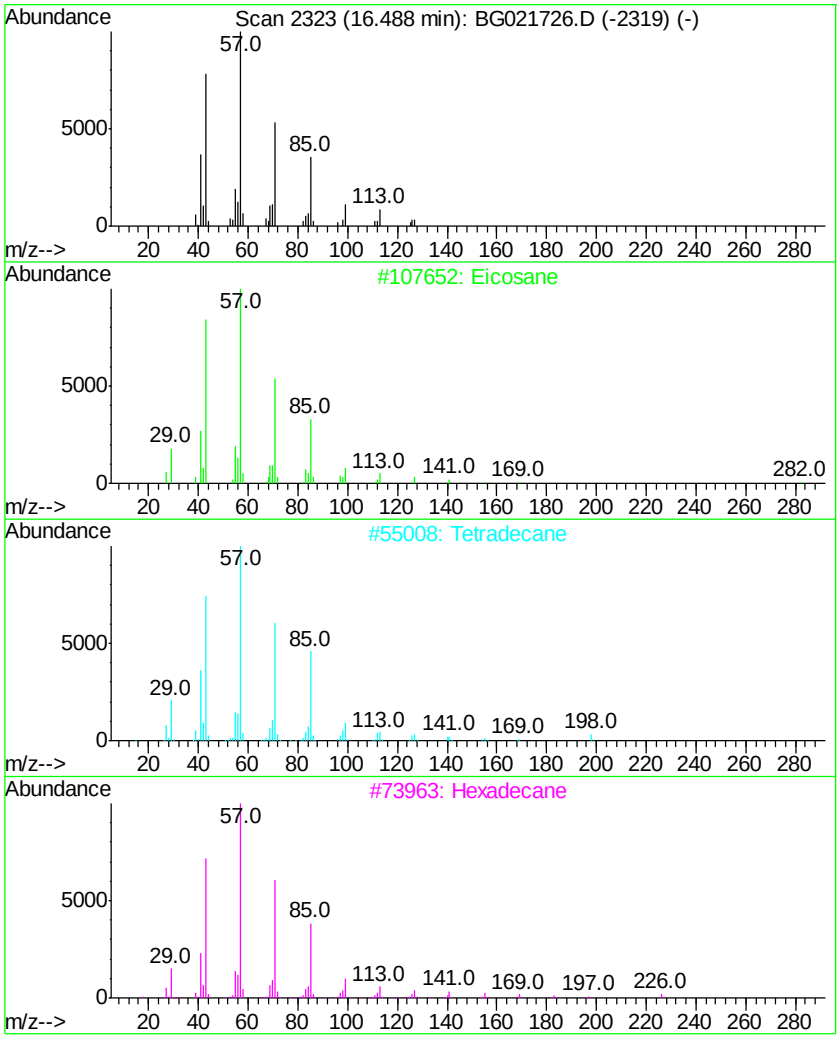
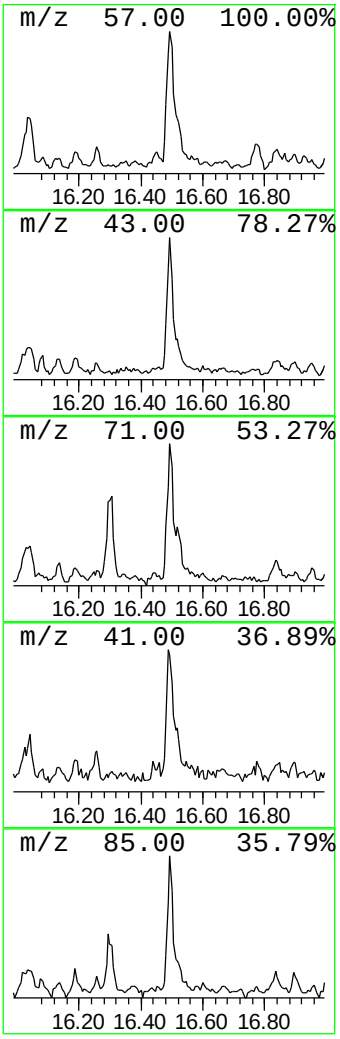
Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.17 ng	59626	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tridecane	184	C13H28	000629-50-5	90





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Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

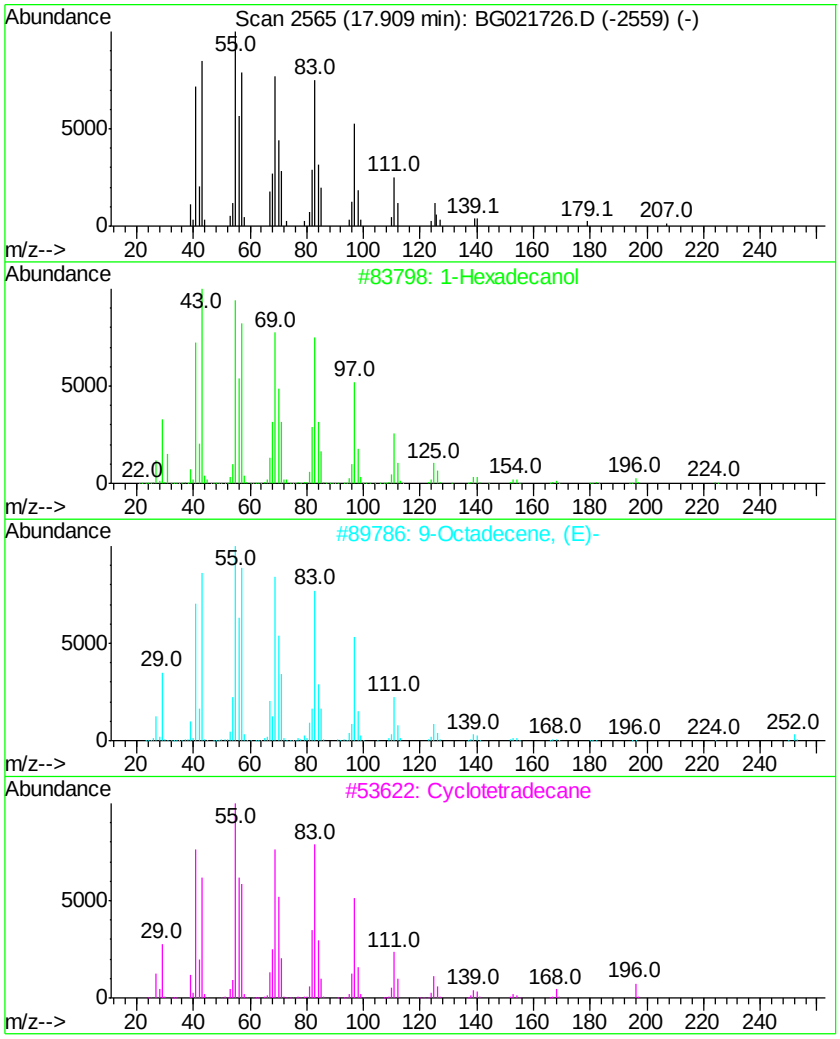
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

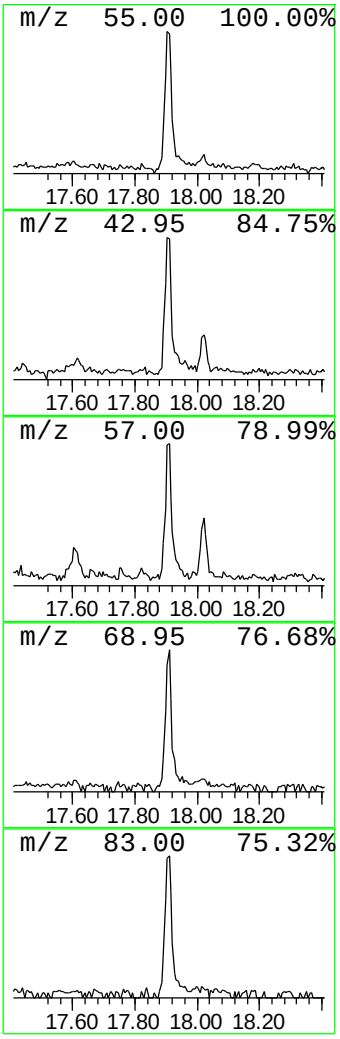
****

Peak Number 7 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.42 ng	93973	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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Data File : BG021726.D
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Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

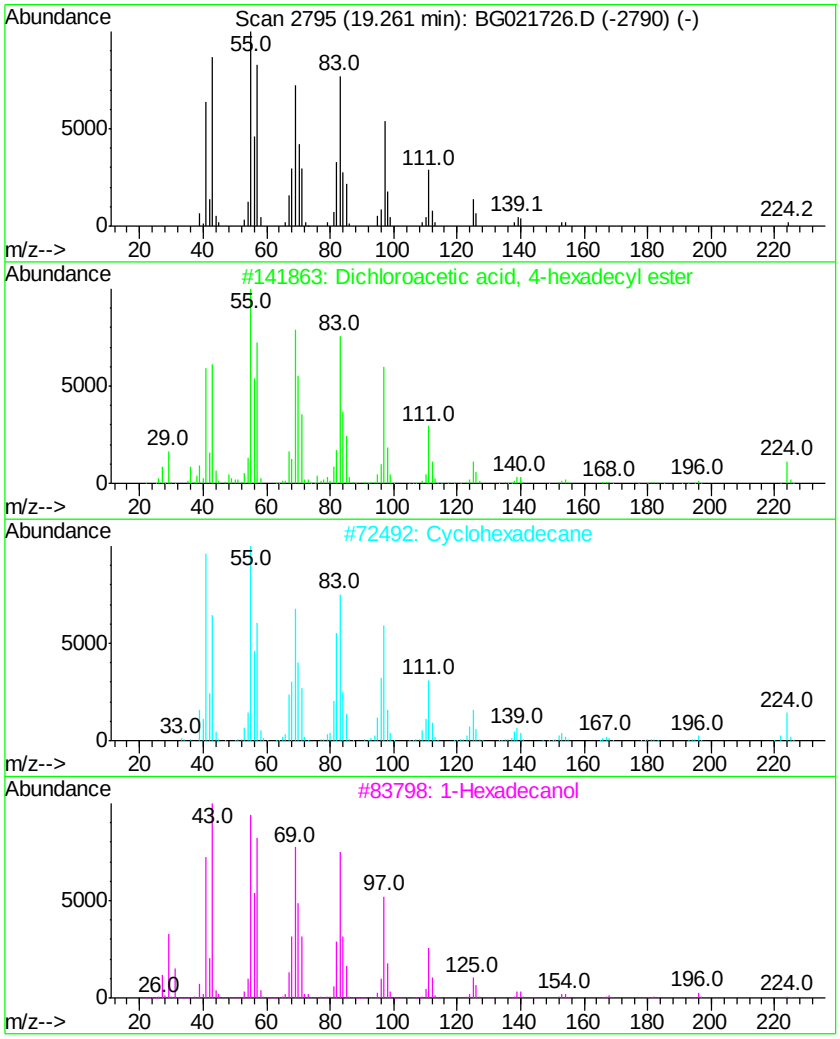
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

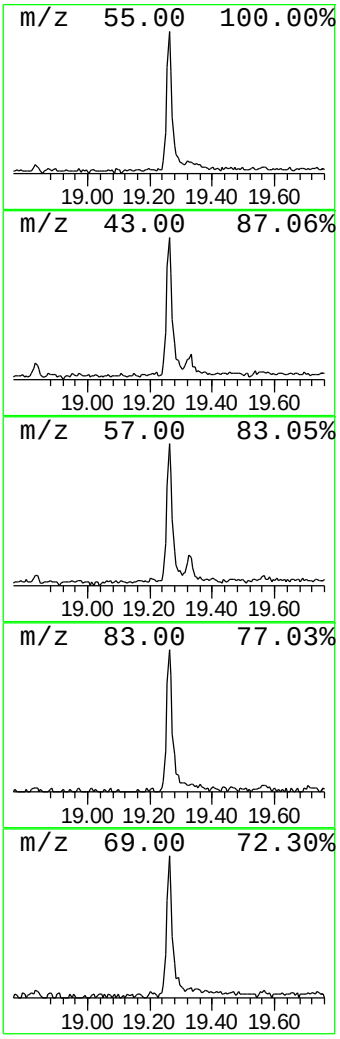
****

Peak Number 8 Dichloroacetic acid, 4-hexa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	5.18 ng	142379	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	93
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

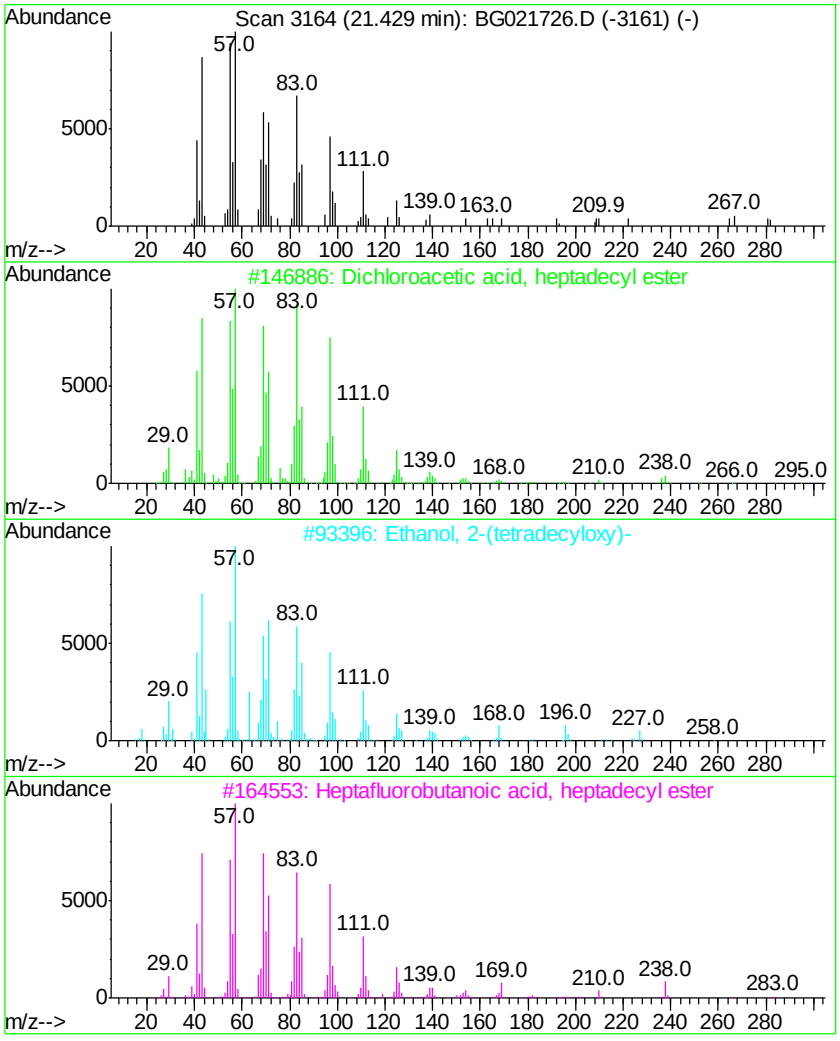
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

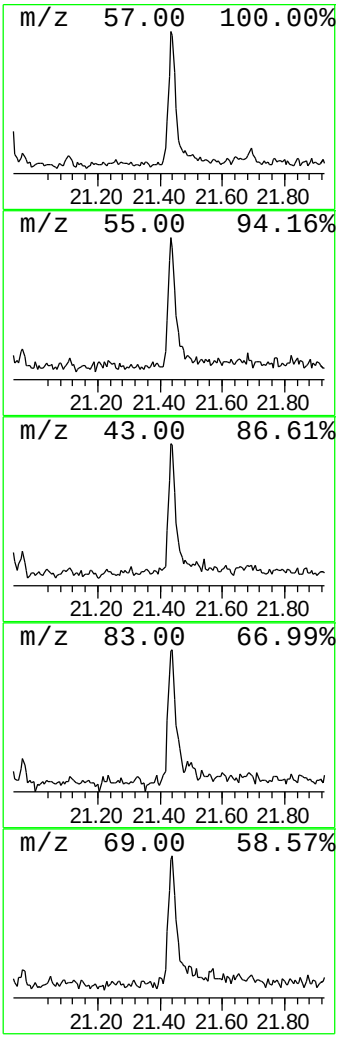
****

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	3.03 ng	95232	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91





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Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-1

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

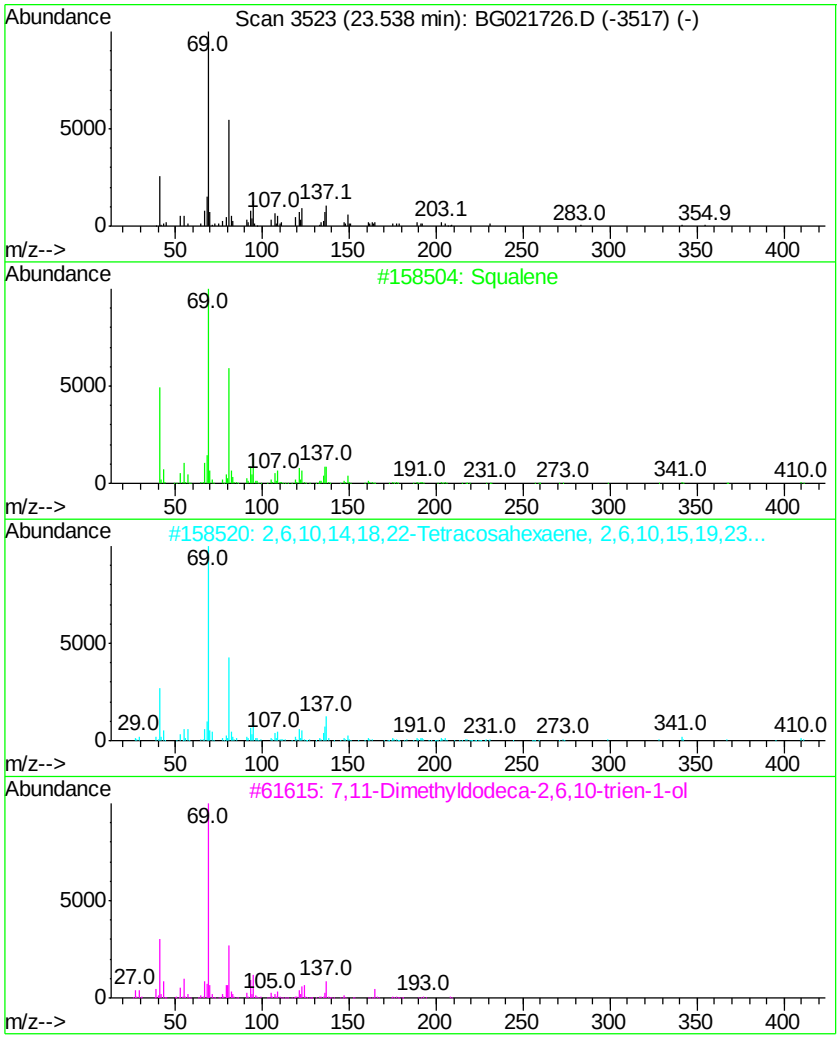
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

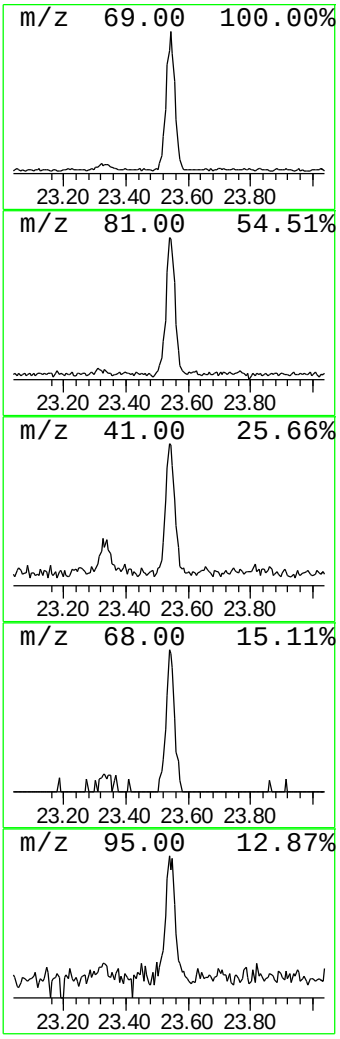
****

Peak Number 10 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	3.45 ng	106824	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
Data File : BG021726.D
Acq On : 18 Apr 2016 5:51
Operator : UM/SJ
Sample : H2513-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ACF-NW-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
unknown3.10	3.10	286.7	ng	2659290	1	8.21	185524	20.0
2-Pentanone, 4-hy...	5.29	4.8	ng	44297	1	8.21	185524	20.0
unknown7.74	7.74	108.0	ng	1001990	1	8.21	185524	20.0
Hexadecane	15.64	2.4	ng	58417	3	14.82	493079	20.0
Eicosane	16.49	2.2	ng	59626	4	17.56	549889	20.0
1-Hexadecanol	17.91	3.4	ng	93973	4	17.56	549889	20.0
Dichloroacetic ac...	19.26	5.2	ng	142379	4	17.56	549889	20.0
Dichloroacetic ac...	21.43	3.0	ng	95232	5	21.83	629626	20.0
Squalene	23.54	3.5	ng	106824	6	25.16	619031	20.0