LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-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-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	3.052	31	36	55	rVB	618402	851436	100.00%	15.119%
2	5.232	399	407	416	rBV	42470	66818	7.85%	1.187%
3	5.696	480	486	499	rVB	208248	334837	39.33%	5.946%
4	7.294	750	758	767	rBV	243391	419440	49.26%	7.448%
5	7.670	815	822	830	rBV	230695	391762	46.01%	6.957%
6	8.140	896	902	908	rBV	41362	65301	7.67%	1.160%
7	8.463	949	957	964	rBB	137760	239667	28.15%	4.256%
8	9.303	1093	1100	1111	rBV	152889	273626	32.14%	4.859%
9	10.948	1372	1380	1389	rBB	65298	114918	13.50%	2.041%
10	12.176	1584	1589	1594	rBB	15686	21033	2.47%	0.373%
11	13.375	1786	1793	1805	rBB	335216	503710	59.16%	8.945%
12	14.145	1917	1924	1928	rBV	12831	16709	1.96%	0.297%
13	14.198	1928	1933	1939	rVB	64233	90127	10.59%	1.600%
14	14.750	2021	2027	2034	rVB2	97829	155019	18.21%	2.753%
15	15.572	2163	2167	2174	rVB	8556	10852	1.27%	0.193%
16	16.231	2273	2279	2286	rVB3	278430	430881	50.61%	7.651%
17	16.430	2308	2313	2316	rBV2	9823	13239	1.55%	0.235%
18	17.218	2443	2447	2452	rBV	6669	9301	1.09%	0.165%
19	17.488	2486	2493	2499	rBV	121261	177870	20.89%	3.158%
20	17.846	2549	2554	2561	rBV	48887	68455	8.04%	1.216%
21	18.357	2636	2641	2647	rBV3	20130	32170	3.78%	0.571%
22	19.204	2780	2785	2793	rBV	104892	135185	15.88%	2.401%
23	20.079	2929	2934	2940	rBV	575541	753295	88.47%	13.376%
24	20.702	3036	3040	3044	rVB4	9545	14221	1.67%	0.253%
25	21.372	3150	3154	3163	rBV3	22759	38517	4.52%	0.684%
26	21.753	3213	3219	3225	rBV	127167	206539	24.26%	3.668%
27	25.026	3768	3776	3789	rVB3	65428	196553	23.08%	3.490%

Sum of corrected areas: 5631481

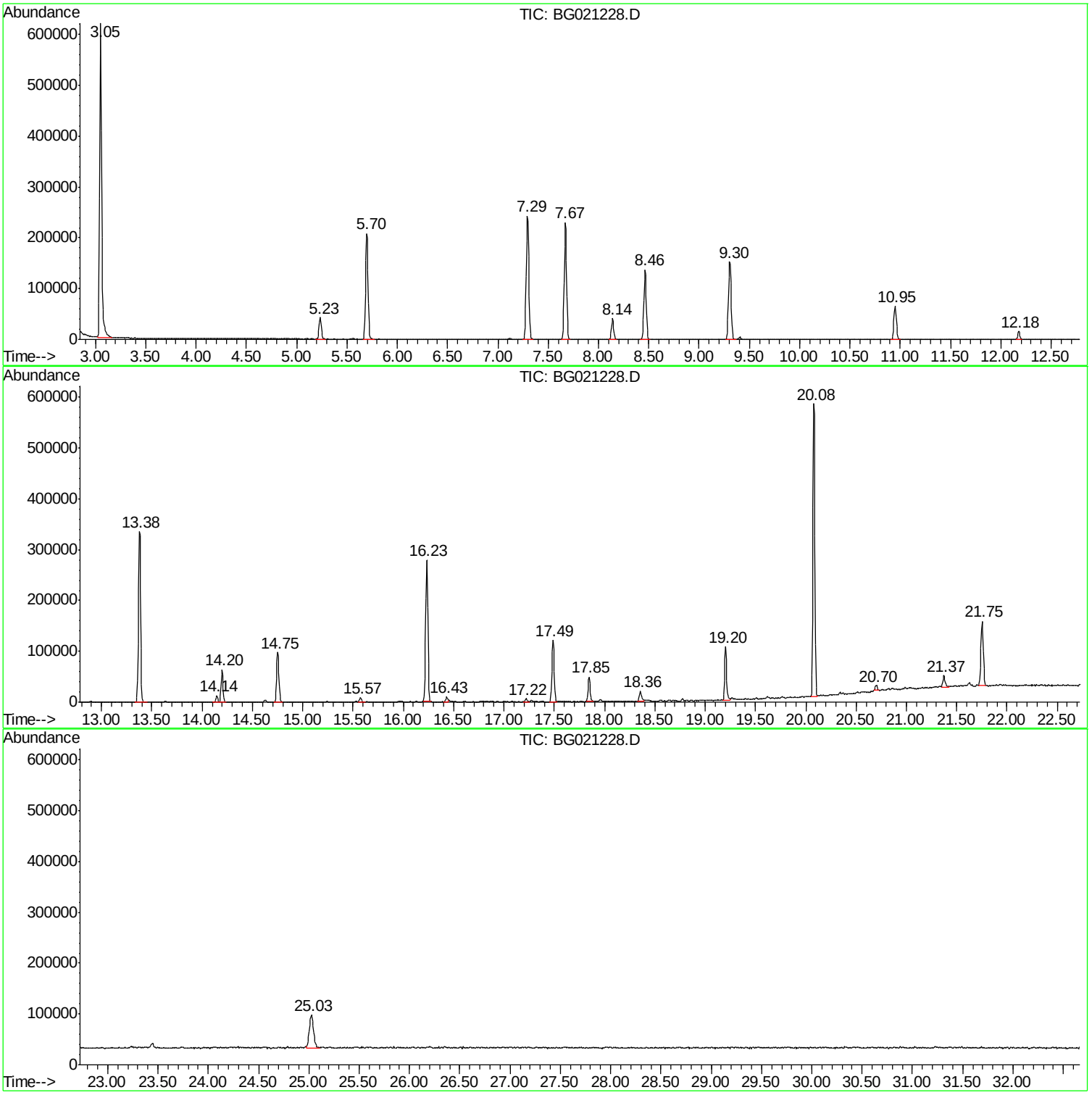
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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

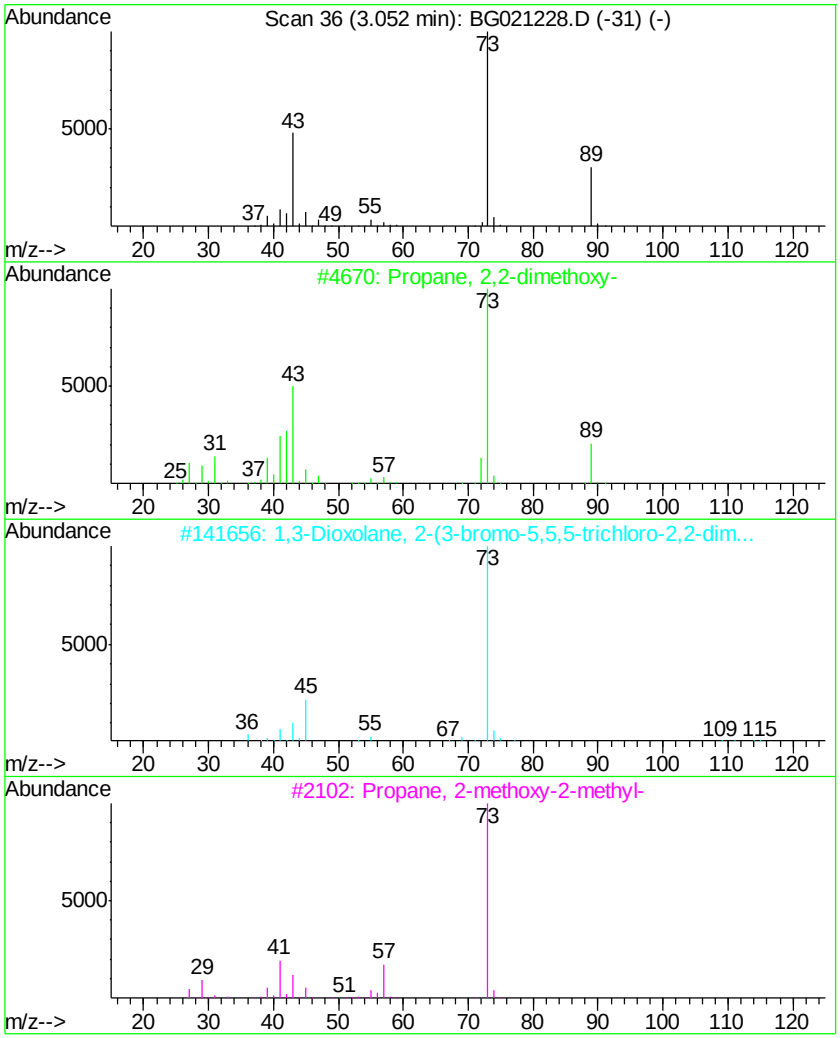
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

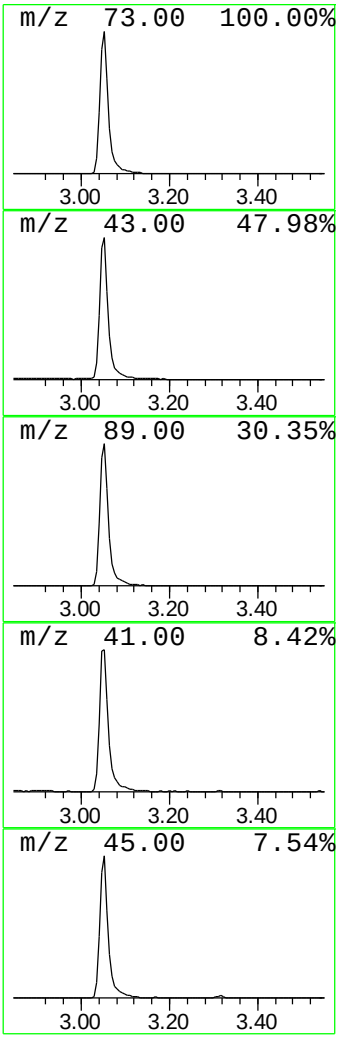
****

Peak Number 1 unknown3.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	260.77 ng	851436	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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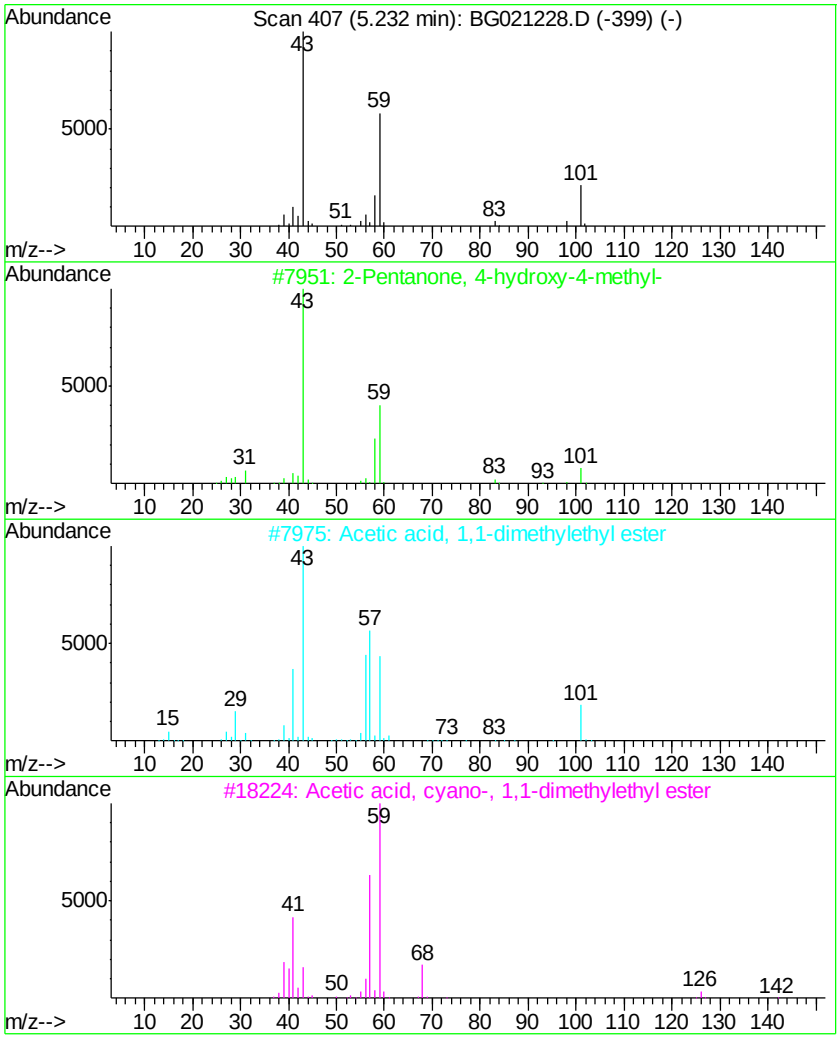
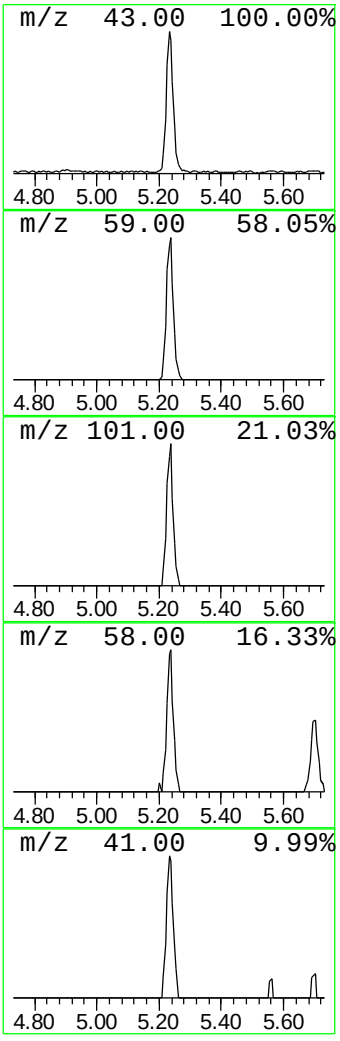
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	20.46 ng	66818	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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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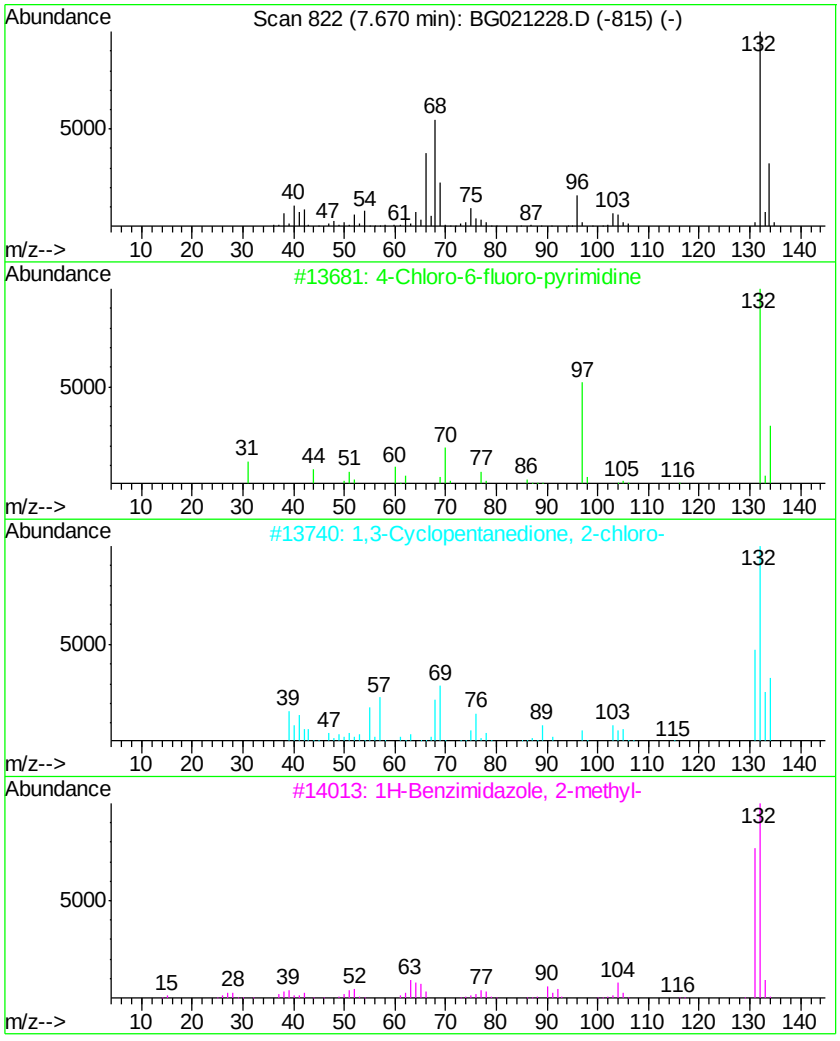
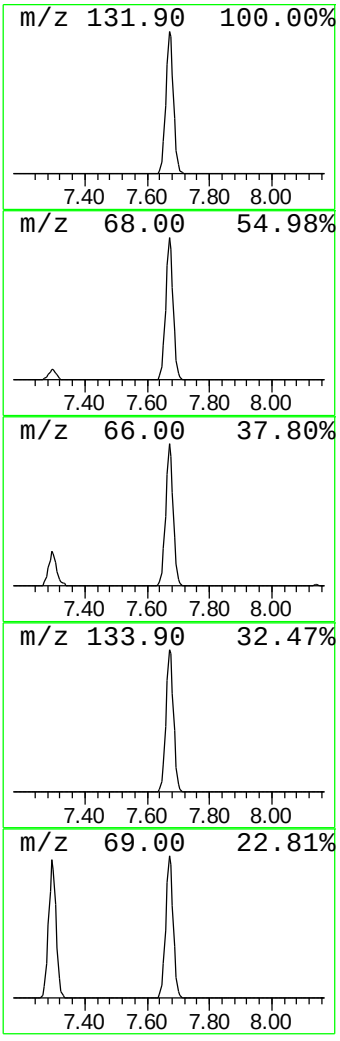
Peak Number 3 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	119.99 ng	391762	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
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Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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

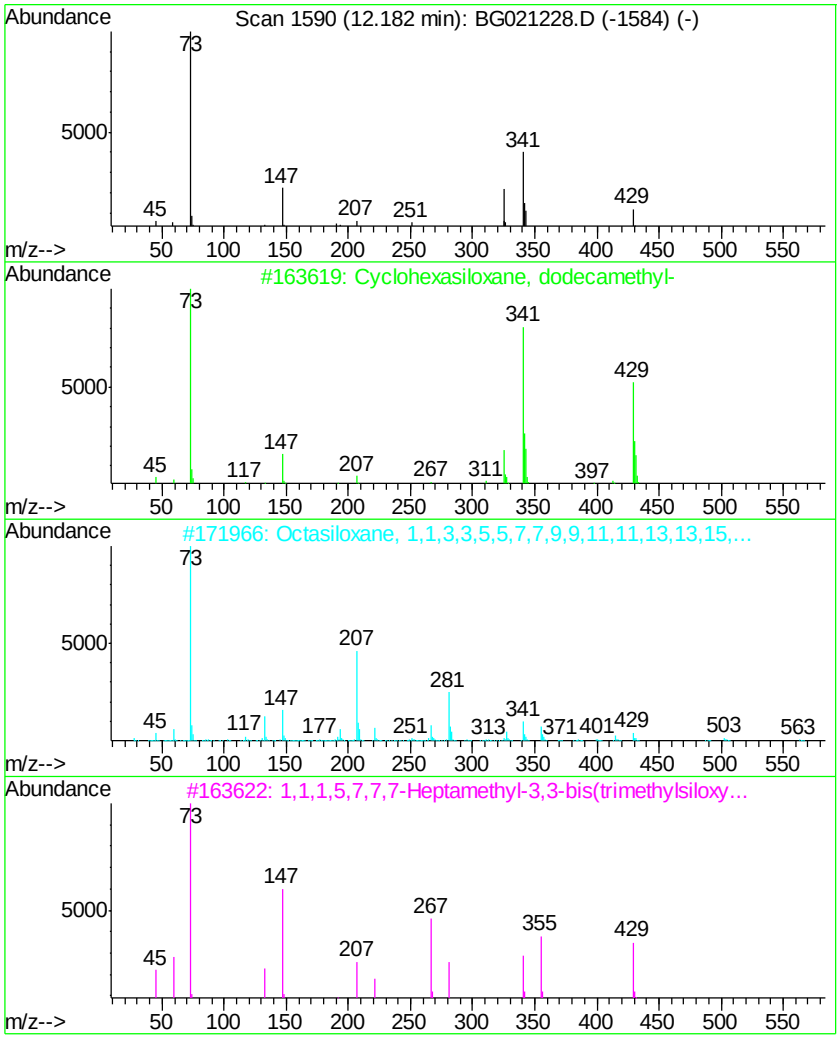
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

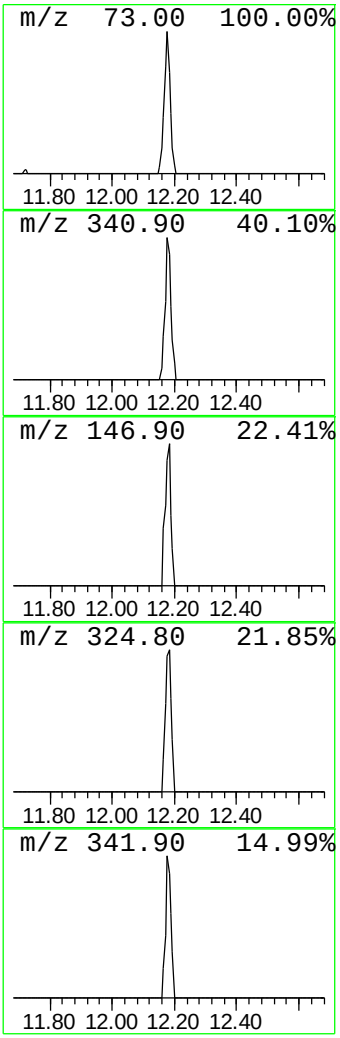
****

Peak Number 5 Cyclohexasiloxane, dodecame... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.66 ng	21033	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	23
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	14
4	Silane, [1,2,3-benzenetriyltris(...	342	C15H30O3Si3	017864-23-2	9
5	2H-1,4-Benzodiazepin-2-one, 7-ch...	342	C18H19ClN2OSi	055299-24-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
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Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
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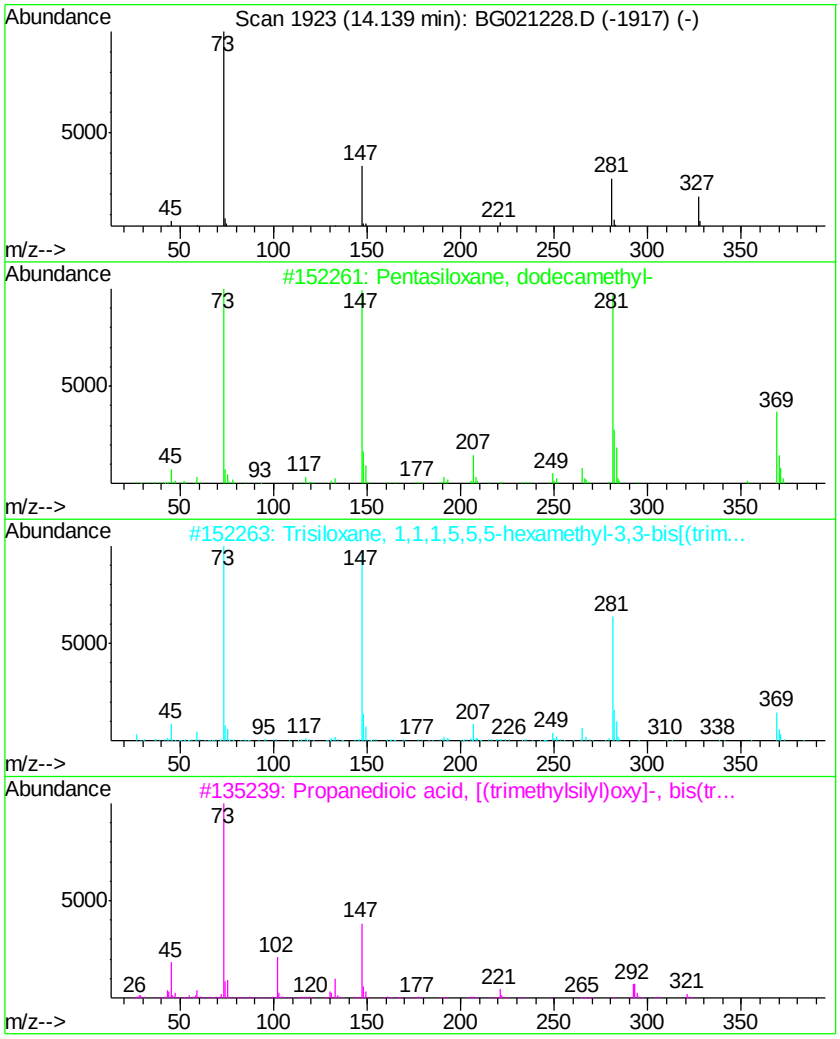
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

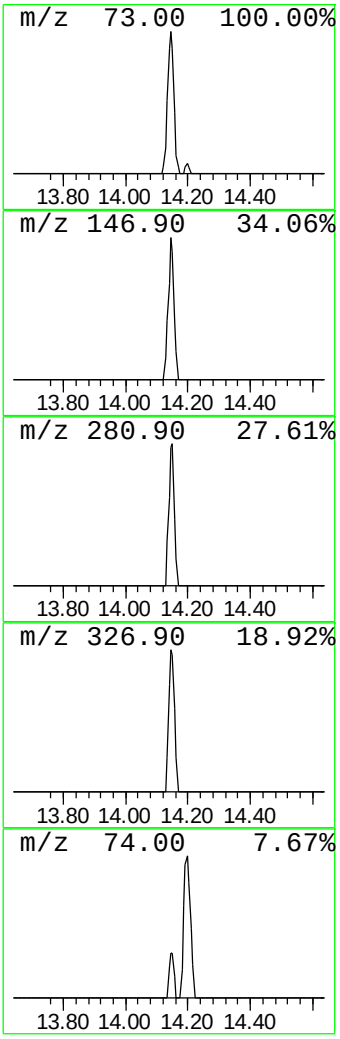
****

Peak Number 6 unknown14.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.16 ng	16709	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	40
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	33
3	Propanedioic acid, [(trimethylsi...	336	C12H28O5Si3	038165-93-4	25
4	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	23
5	Butanoic acid, 3-methyl-2-[(trim...	262	C11H26O3Si2	055124-92-0	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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
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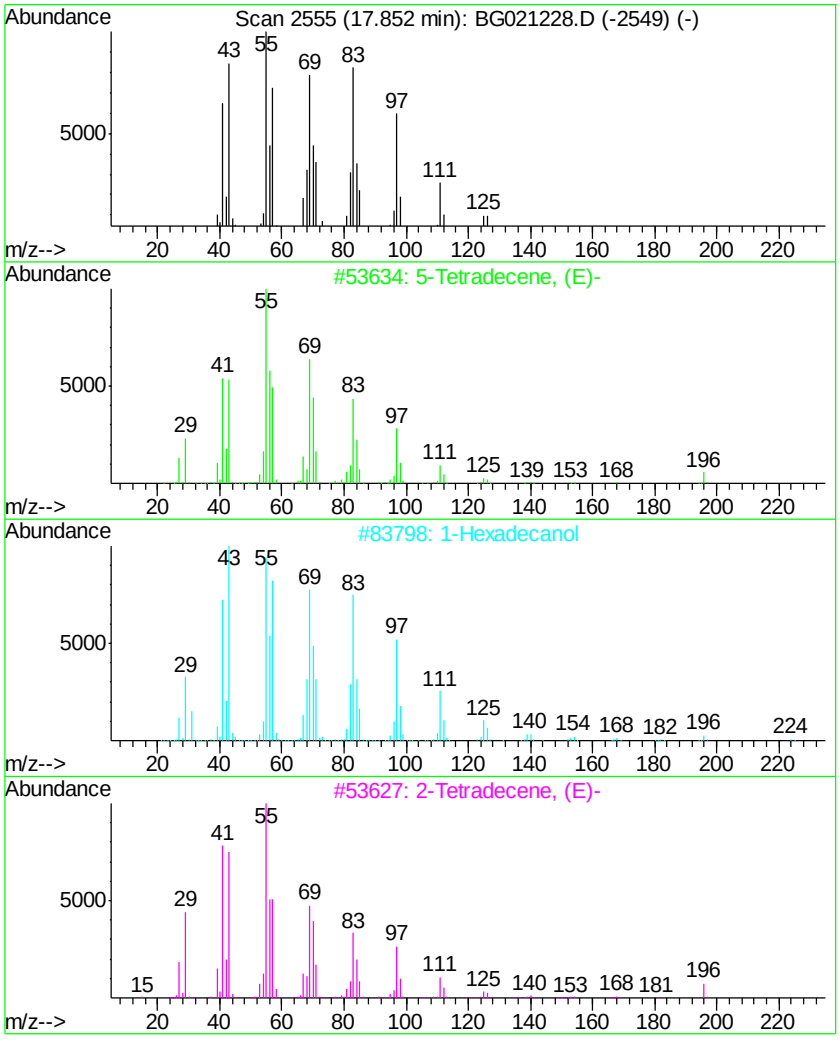
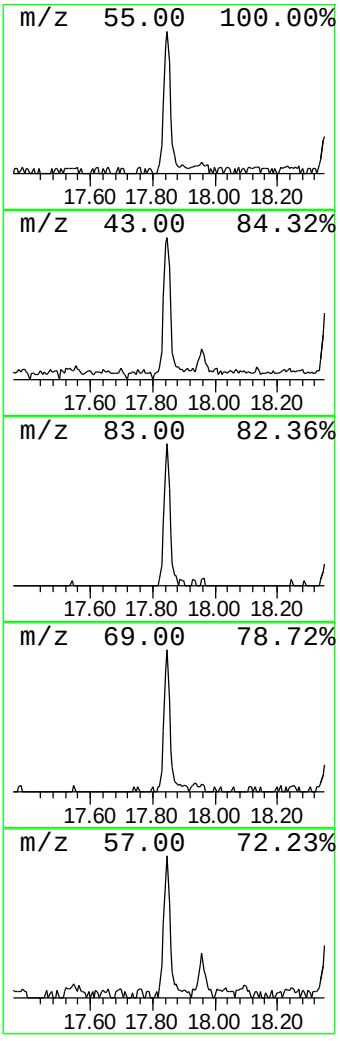
****

Peak Number 7 5-Tetradecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	7.70 ng	68455	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	97
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	2-Tetradecene, (E)-	196	C14H28	035953-53-8	92
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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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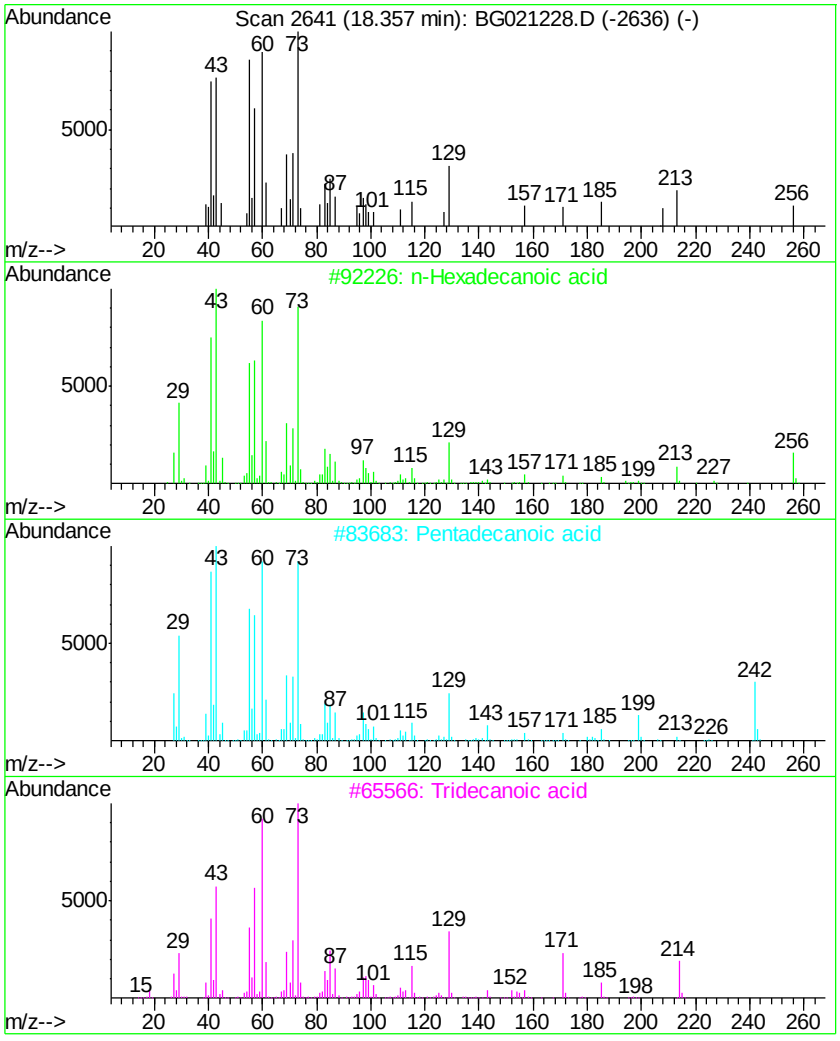
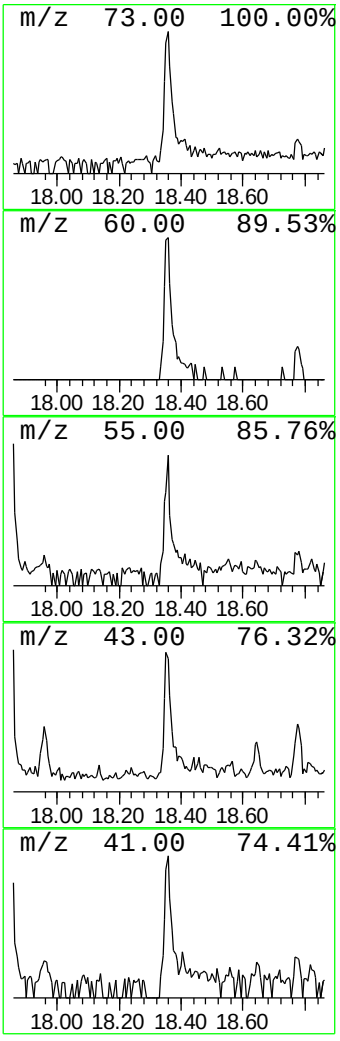
Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.62 ng	32170	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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

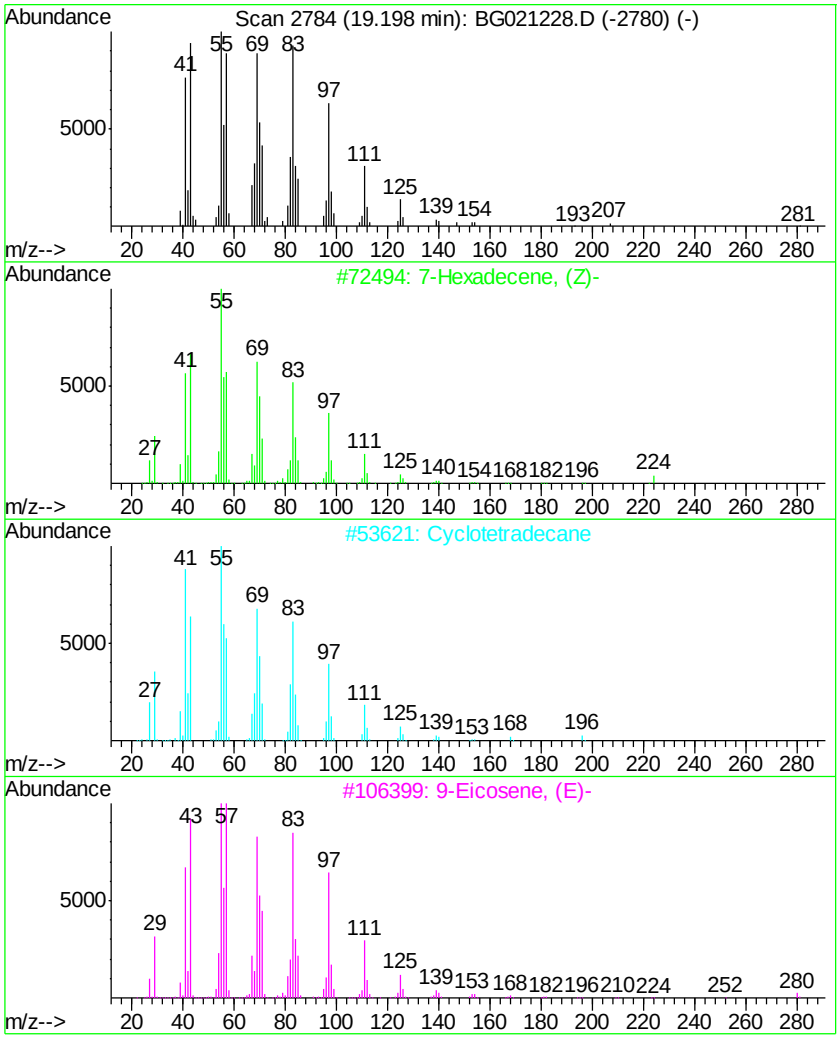
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

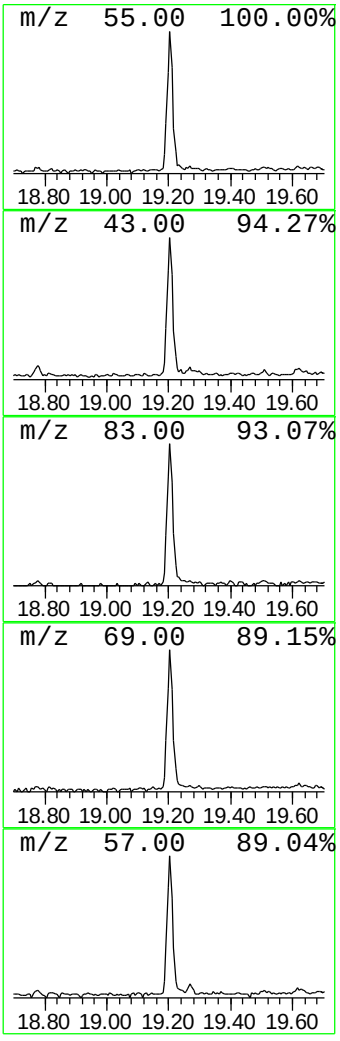
****

Peak Number 9 7-Hexadecene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	15.20 ng	135185	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	Cyclotetradecane	196	C14H28	000295-17-0	97
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	1-Hexadecanol	242	C16H34O	036653-82-4	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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

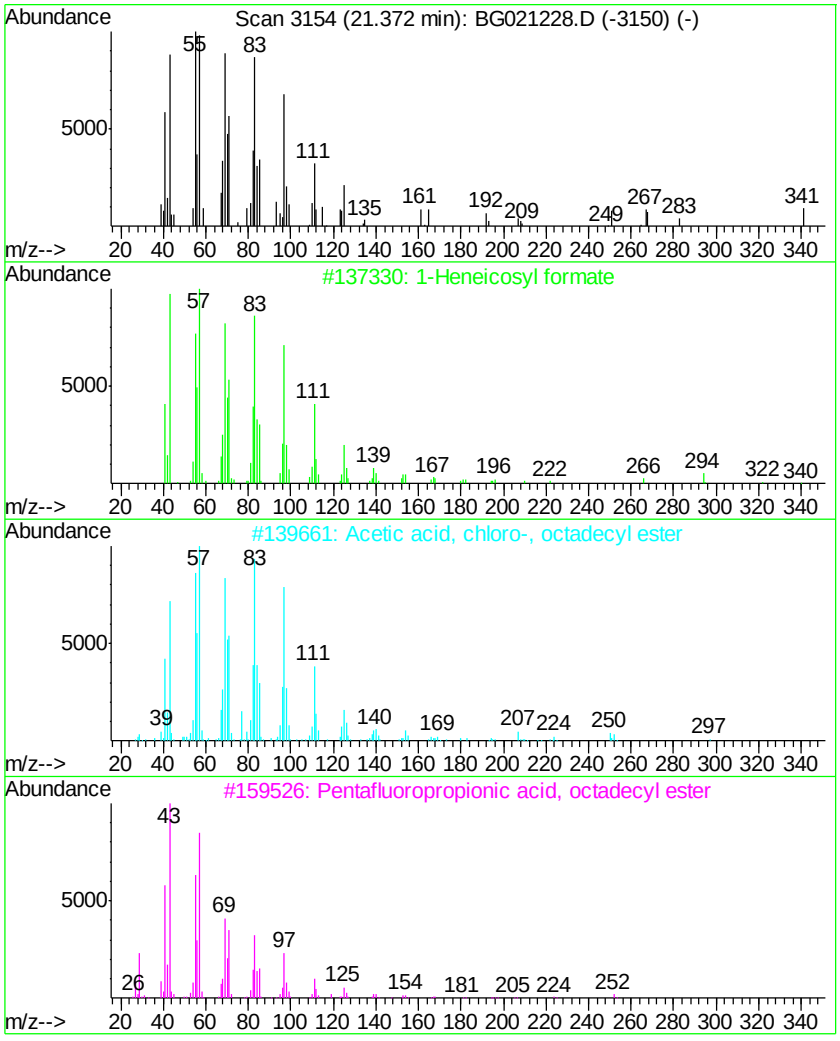
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

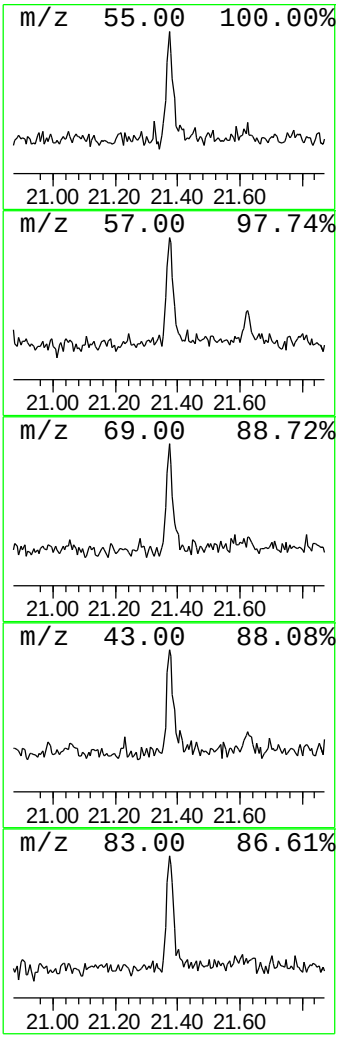
****

Peak Number 10 1-Heneicosyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.73 ng	38517	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030216\
Data File : BG021228.D
Acq On : 3 Mar 2016 1:35
Operator : UM/SJ
Sample : H1640-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.05	3.05	260.8	ng	851436	1	8.14	65301	20.0
2-Pentanone, 4-hy...	5.23	20.5	ng	66818	1	8.14	65301	20.0
unknown7.67	7.67	120.0	ng	391762	1	8.14	65301	20.0
Cyclohexasiloxane...	12.18	3.7	ng	21033	2	10.95	114918	20.0
unknown14.14	14.14	2.2	ng	16709	3	14.75	155019	20.0
5-Tetradecene, (E)-	17.85	7.7	ng	68455	4	17.49	177870	20.0
n-Hexadecanoic acid	18.36	3.6	ng	32170	4	17.49	177870	20.0
7-Hexadecene, (Z)-	19.20	15.2	ng	135185	4	17.49	177870	20.0
1-Heneicosyl formate	21.37	3.7	ng	38517	5	21.75	206539	20.0