LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021066.D
Acq On : 25 Feb 2016 00:31
Operator : UM/SJ
Sample : H1521-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-4(0-2)

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-BG022316.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	3.056	31	37	52	rBV	209714	302410	100.00%	15.061%
2	3.197	56	61	69	rBB2	5071	10032	3.32%	0.500%
3	5.282	411	416	425	rBB	20568	31548	10.43%	1.571%
4	5.781	495	501	510	rBB	92420	143293	47.38%	7.137%
5	7.408	771	778	786	rBV	104874	176705	58.43%	8.801%
6	7.755	830	837	844	rBB	104476	174964	57.86%	8.714%
7	8.207	908	914	919	rBB	19190	30763	10.17%	1.532%
8	8.536	963	970	976	rBB	77541	131377	43.44%	6.543%
9	9.388	1108	1115	1122	rBB	69959	120239	39.76%	5.988%
10	11.027	1387	1394	1401	rBB	30216	52988	17.52%	2.639%
11	13.447	1800	1806	1812	rVB	163270	233348	77.16%	11.622%
12	14.270	1937	1946	1952	rBB	24318	34675	11.47%	1.727%
13	14.663	2009	2013	2017	rBB2	5916	7186	2.38%	0.358%
14	14.822	2034	2040	2046	rBB2	41358	61993	20.50%	3.088%
15	15.609	2170	2174	2179	rVB	7741	9523	3.15%	0.474%
16	16.009	2236	2242	2243	rBV2	2266	3636	1.20%	0.181%
17	16.308	2287	2293	2299	rBB	103969	142489	47.12%	7.097%
18	16.467	2316	2320	2332	rBV2	7131	14164	4.68%	0.705%
19	17.260	2450	2455	2459	rBV2	3530	5030	1.66%	0.251%
20	17.559	2500	2506	2511	rBV2	40969	57709	19.08%	2.874%
21	17.601	2511	2513	2517	rVB	3352	3200	1.06%	0.159%
22	18.411	2644	2651	2657	rBV2	4072	6991	2.31%	0.348%
23	19.592	2847	2852	2857	rBV2	2388	3901	1.29%	0.194%
24	20.138	2940	2945	2950	rVB	137597	165308	54.66%	8.233%
25	20.397	2982	2989	2992	rBV4	2060	3567	1.18%	0.178%
26	20.890	3070	3073	3078	rVB5	1896	3125	1.03%	0.156%
27	21.407	3156	3161	3167	rBV6	7807	12300	4.07%	0.613%
28	21.830	3227	3233	3239	rVB	25332	42290	13.98%	2.106%
29	25.161	3793	3800	3809	rVB2	8333	23105	7.64%	1.151%

Sum of corrected areas: 2007859

LSC Report - Integrated Chromatogram

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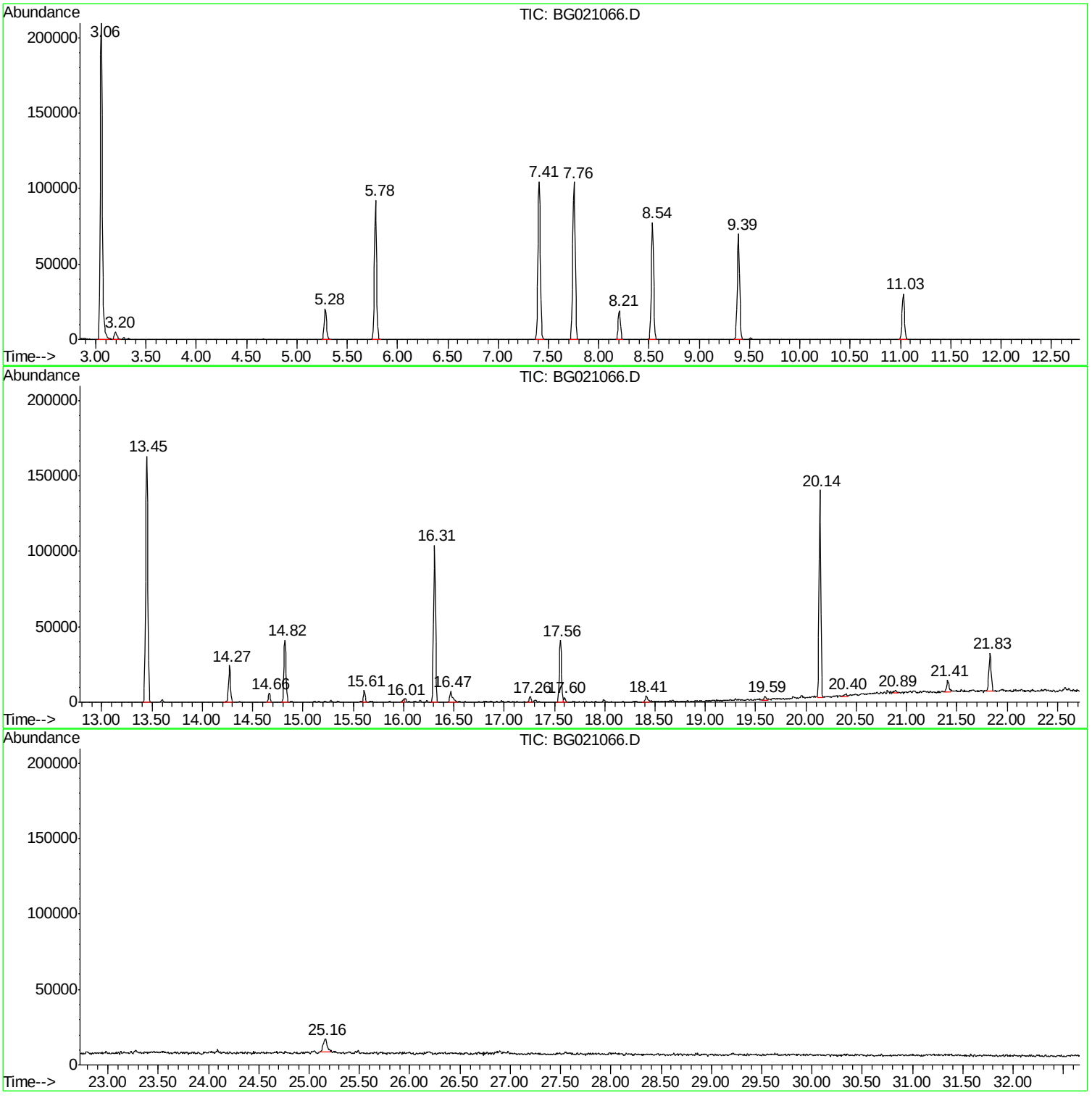
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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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Data File : BG021066.D
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Operator : UM/SJ
Sample : H1521-13
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Instrument : BNA_G
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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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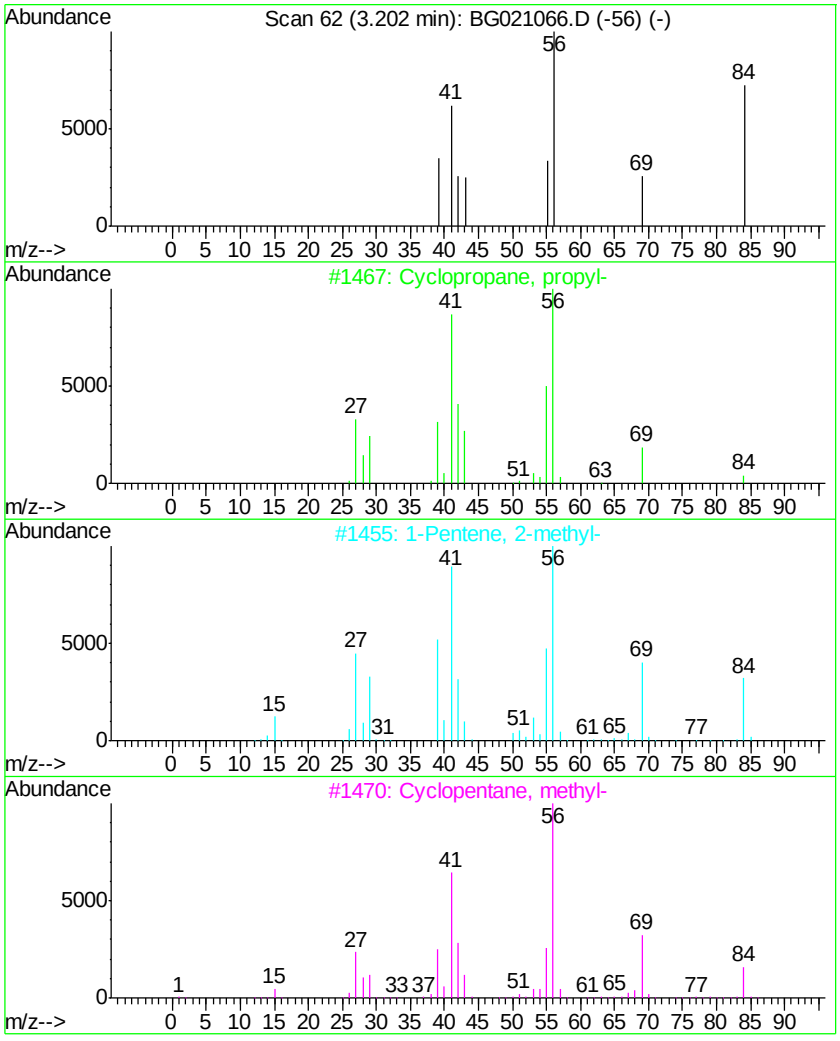
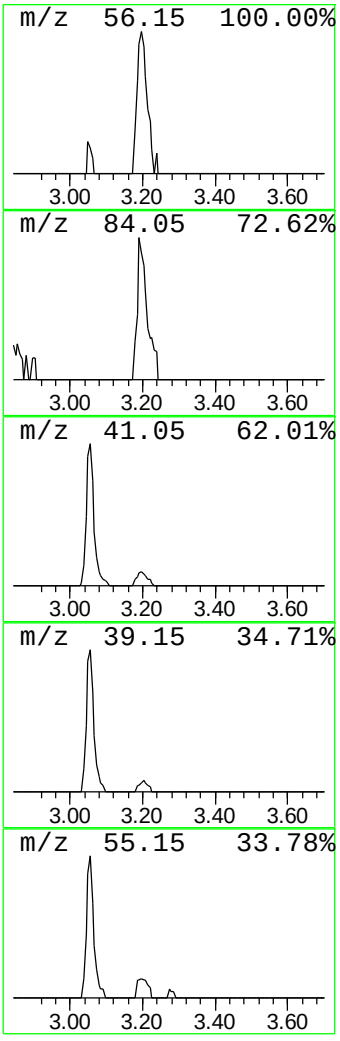
Peak Number 2 unknown3.20 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	6.52 ng	10032	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, propyl-	84	C6H12	002415-72-7	45
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	39
4	1-Hexanol	102	C6H14O	000111-27-3	9
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	5





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Data File : BG021066.D
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Operator : UM/SJ
Sample : H1521-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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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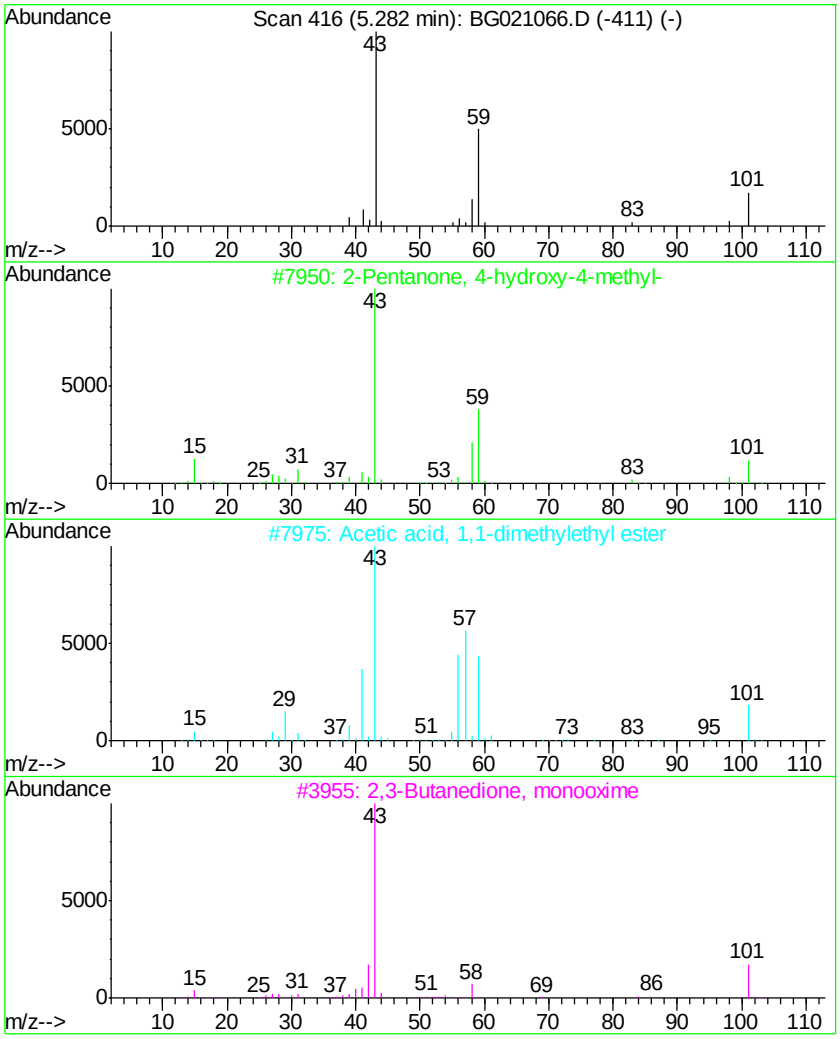
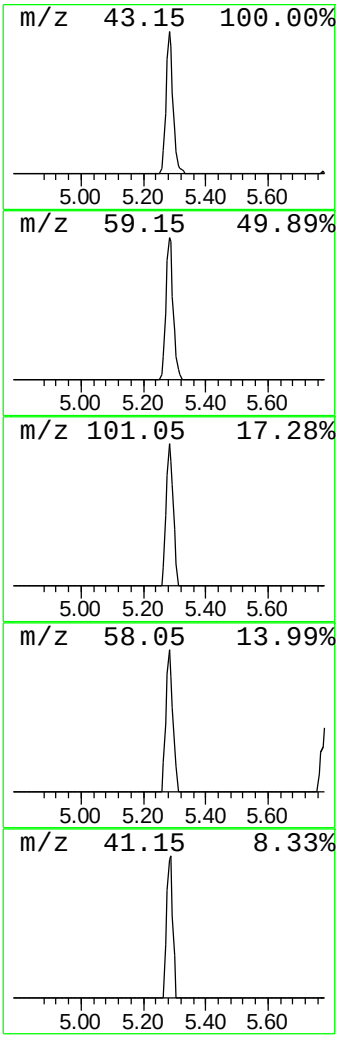
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	20.51 ng	31548	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Propylamine	59	C3H9N	000107-10-8	7





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Data File : BG021066.D
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Operator : UM/SJ
Sample : H1521-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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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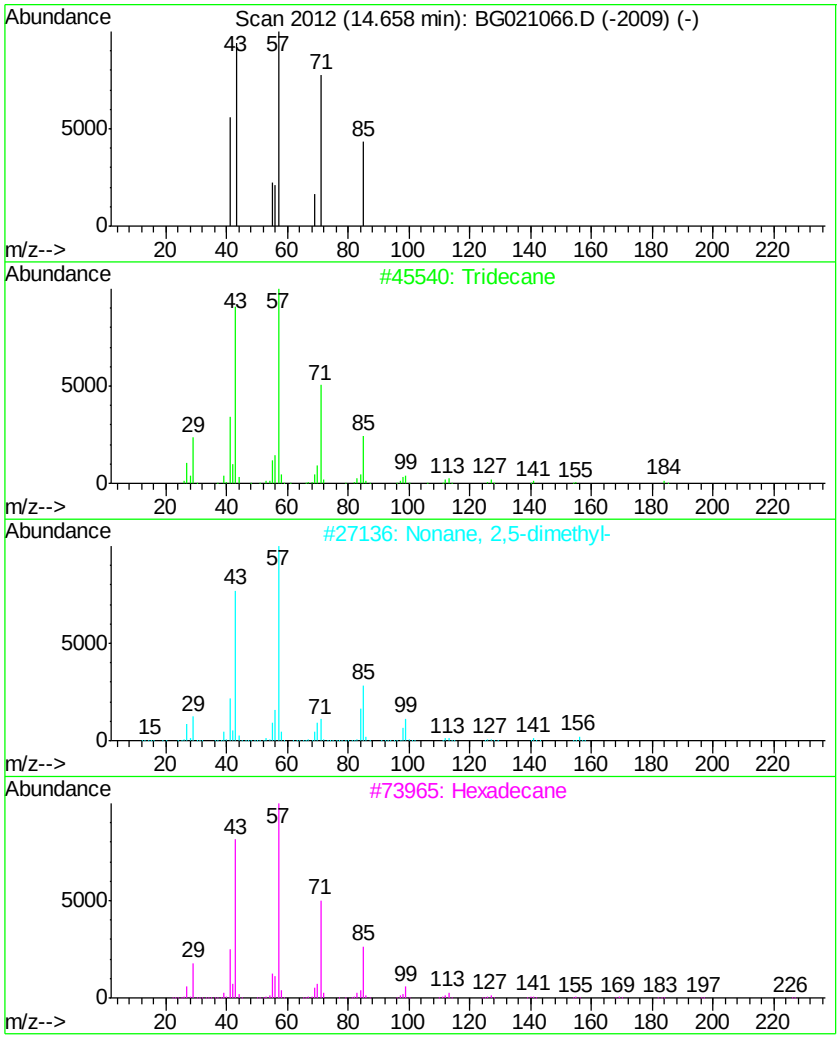
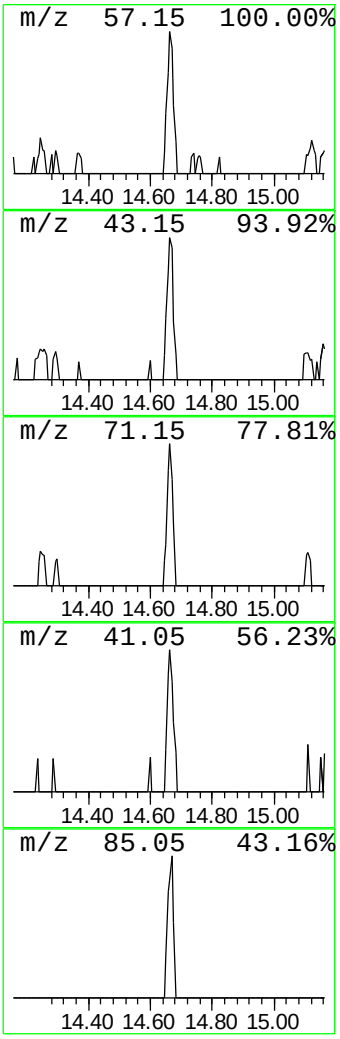
Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.32 ng	7186	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	53
3	Hexadecane	226	C16H34	000544-76-3	50
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	45
5	Decane, 5-methyl-	156	C11H24	013151-35-4	40





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Operator : UM/SJ
Sample : H1521-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
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TIC Library : C:\DATABASE\NIST02.L
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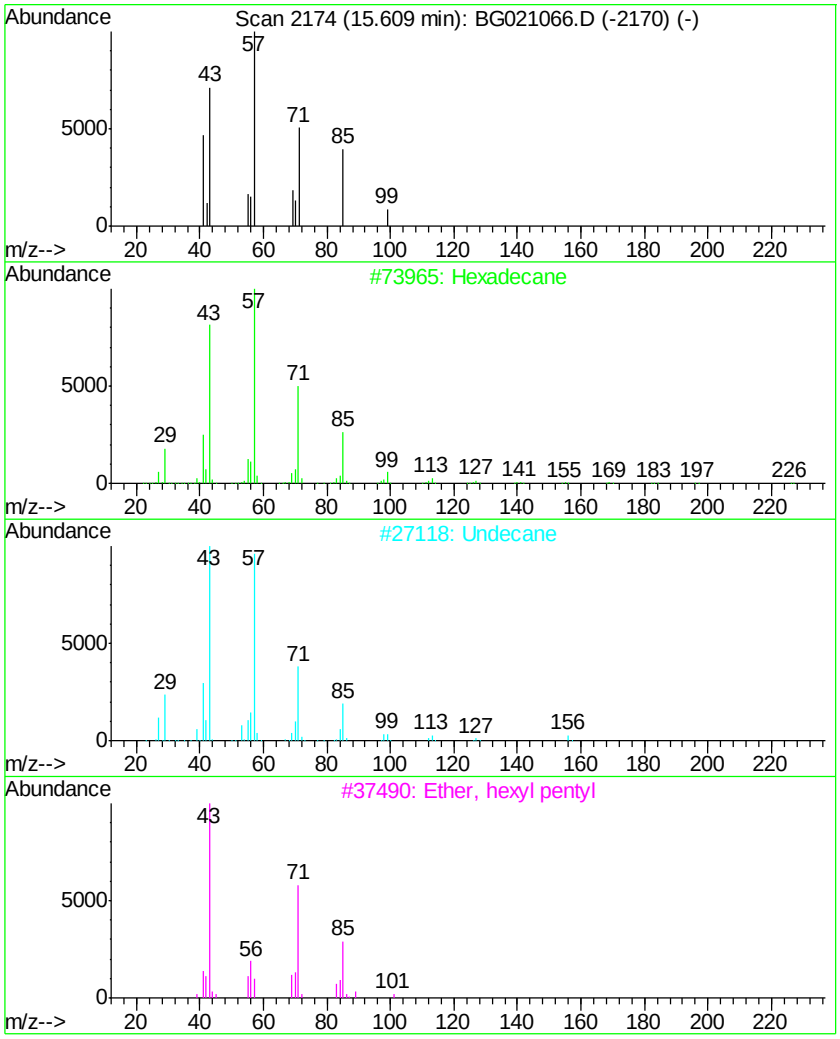
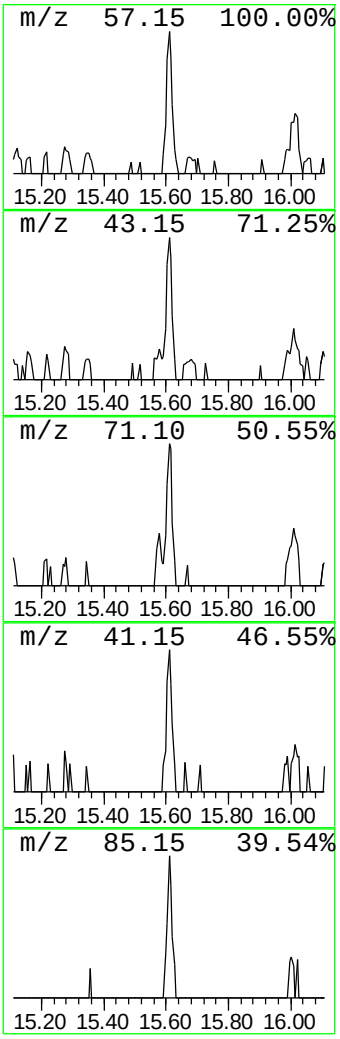
Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.07 ng	9523	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Undecane	156	C11H24	001120-21-4	59
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
4	Tridecane	184	C13H28	000629-50-5	42
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	40





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Operator : UM/SJ
Sample : H1521-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
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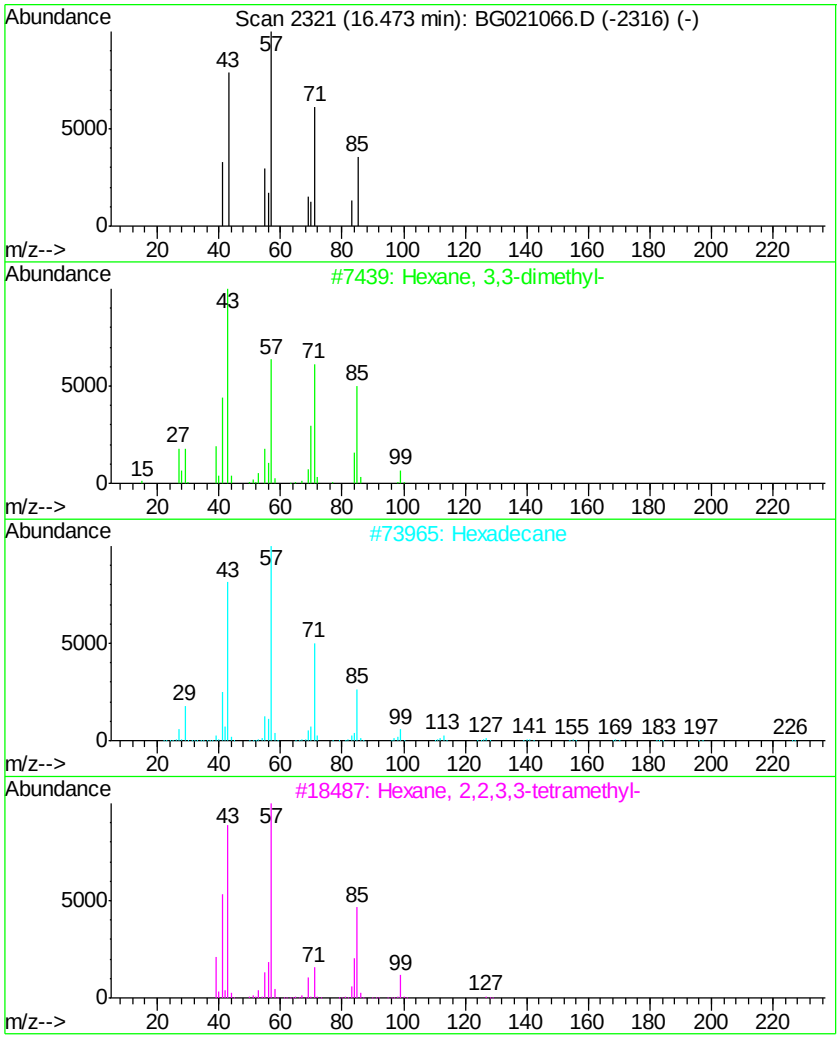
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

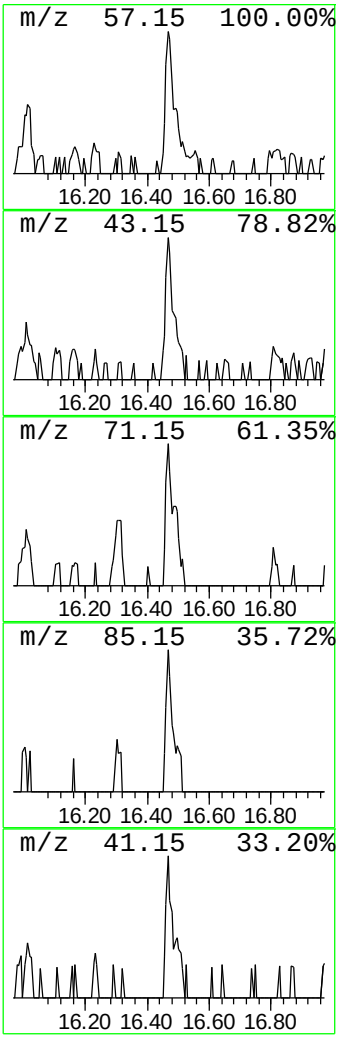
****

Peak Number 8 Hexane, 3,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.91 ng	14164	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
2	Hexadecane	226	C16H34	000544-76-3	56
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	42
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	40





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

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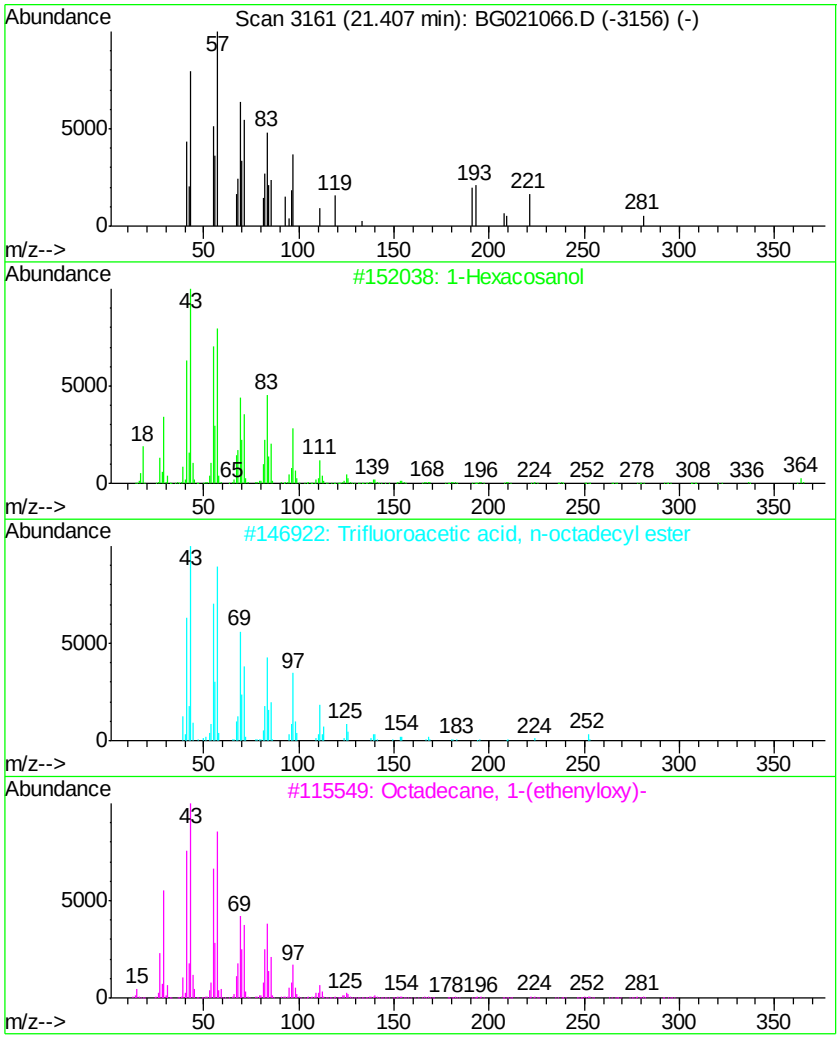
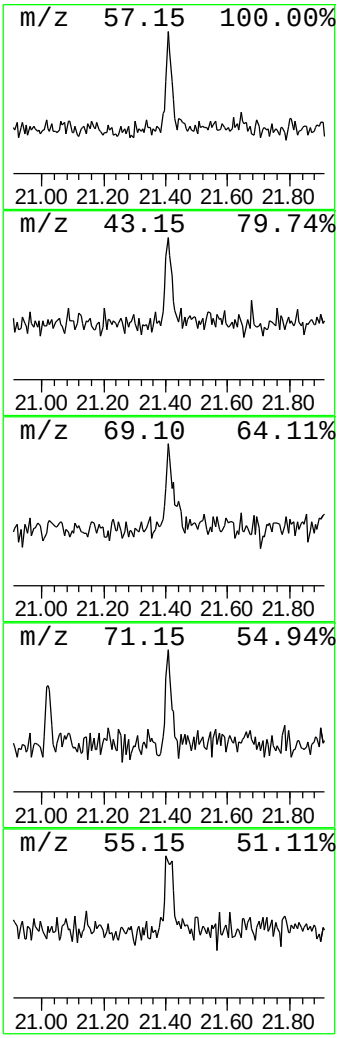
Peak Number 10 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	5.82 ng	12300	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	62
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	52
4	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	49
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	49





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.20	3.20	6.5	ng	10032	1	8.21	30763	20.0
2-Pentanone, 4-hy...	5.28	20.5	ng	31548	1	8.21	30763	20.0
Tridecane	14.66	2.3	ng	7186	3	14.82	61993	20.0
Hexadecane	15.61	3.1	ng	9523	3	14.82	61993	20.0
Hexane, 3,3-dimet...	16.47	4.9	ng	14164	4	17.56	57709	20.0
1-Hexacosanol	21.41	5.8	ng	12300	5	21.83	42290	20.0