LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021773.D
Acq On : 20 Apr 2016 2:55
Operator : UM/SJ
Sample : H2569-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-NW2

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	2.950	14	19	38	rVB	972763	2108699	100.00%	15.319%
2	3.091	38	43	62	rVB	1170575	1740378	82.53%	12.643%
3	3.243	62	69	85	rVV	480591	929466	44.08%	6.752%
4	5.288	409	417	428	rVB	23611	40673	1.93%	0.295%
5	5.758	490	497	506	rVB	346186	563380	26.72%	4.093%
6	7.362	762	770	778	rBV	384008	672017	31.87%	4.882%
7	7.738	827	834	842	rBV	351966	627330	29.75%	4.557%
8	8.208	908	914	924	rVB	89441	154878	7.34%	1.125%
9	8.537	963	970	977	rVB	263364	459206	21.78%	3.336%
10	9.377	1105	1113	1124	rBV	238863	429071	20.35%	3.117%
11	11.028	1386	1394	1403	rBV	139974	251427	11.92%	1.827%
12	13.449	1797	1806	1813	rBV	721855	1119008	53.07%	8.129%
13	14.260	1938	1944	1951	rBV	126267	182053	8.63%	1.323%
14	14.818	2033	2039	2048	rVB2	236023	380577	18.05%	2.765%
15	15.635	2174	2178	2183	rVB	30780	39127	1.86%	0.284%
16	16.299	2285	2291	2302	rVB	528073	795516	37.73%	5.779%
17	16.493	2319	2324	2327	rBV	31405	43776	2.08%	0.318%
18	17.280	2453	2458	2463	rBV2	21078	24635	1.17%	0.179%
19	17.556	2495	2505	2512	rBV	292867	461337	21.88%	3.351%
20	17.903	2558	2564	2569	rBV	56001	81824	3.88%	0.594%
21	20.141	2939	2945	2952	rBV	1134767	1512184	71.71%	10.986%
22	21.428	3160	3164	3173	rBV	44287	73926	3.51%	0.537%
23	21.827	3225	3232	3239	rBV	308628	532138	25.24%	3.866%
24	23.326	3482	3487	3495	rVB9	9859	21840	1.04%	0.159%
25	25.153	3788	3798	3810	rVB2	172362	520625	24.69%	3.782%

Sum of corrected areas: 13765091

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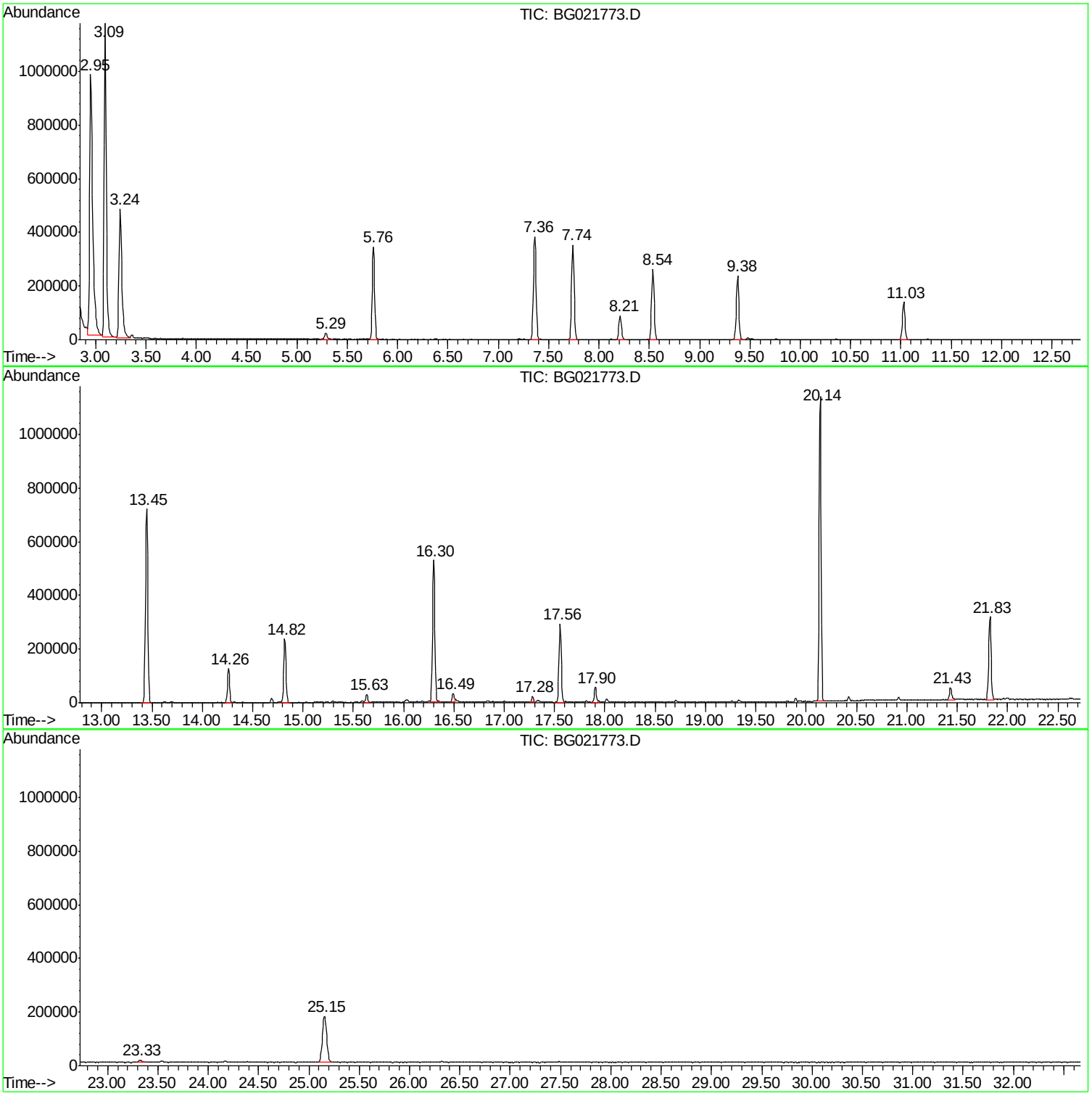
Instrument :
BNA_G
ClientSampleId :
LCF-NW2

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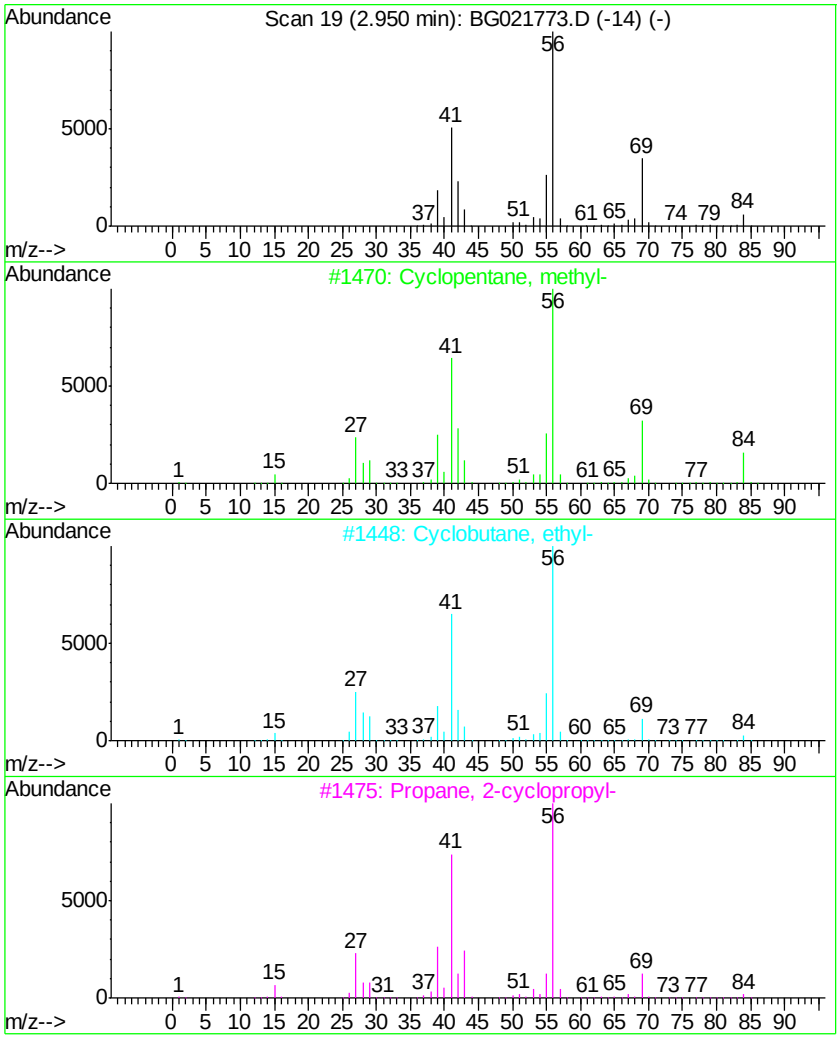
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

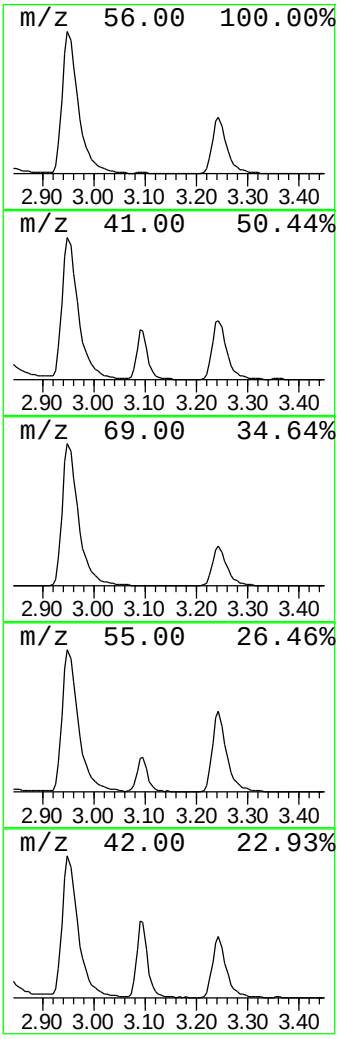
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	272.31 ng	2108700	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	56
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
5	Aziridine, 1-(2-buten-2-yl)-	97	C6H11N	1000158-95-2	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021773.D
Acq On : 20 Apr 2016 2:55
Operator : UM/SJ
Sample : H2569-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-NW2

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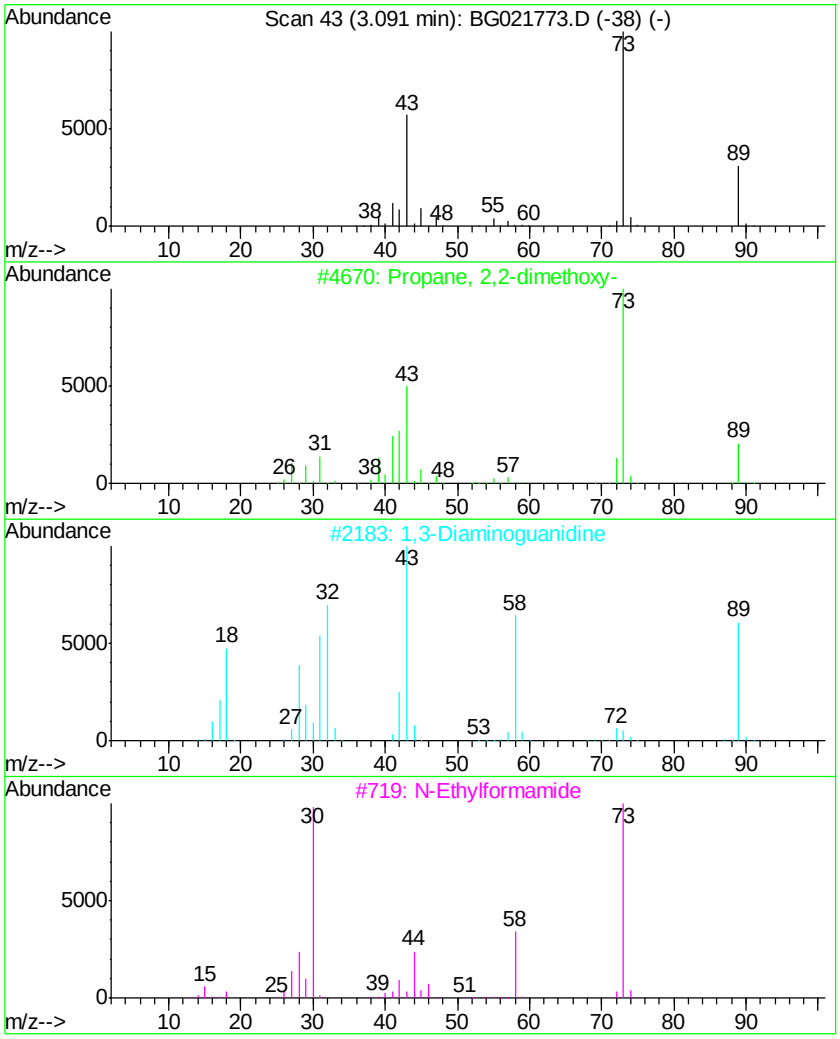
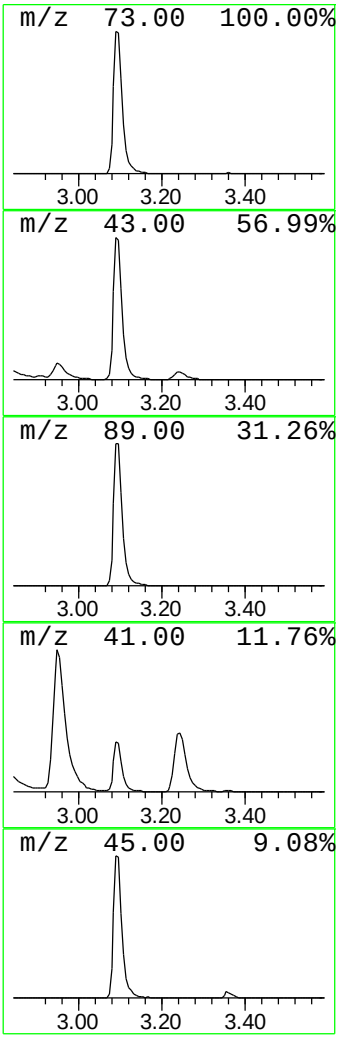
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	224.74 ng	1740380	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





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Acq On : 20 Apr 2016 2:55
Operator : UM/SJ
Sample : H2569-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-NW2

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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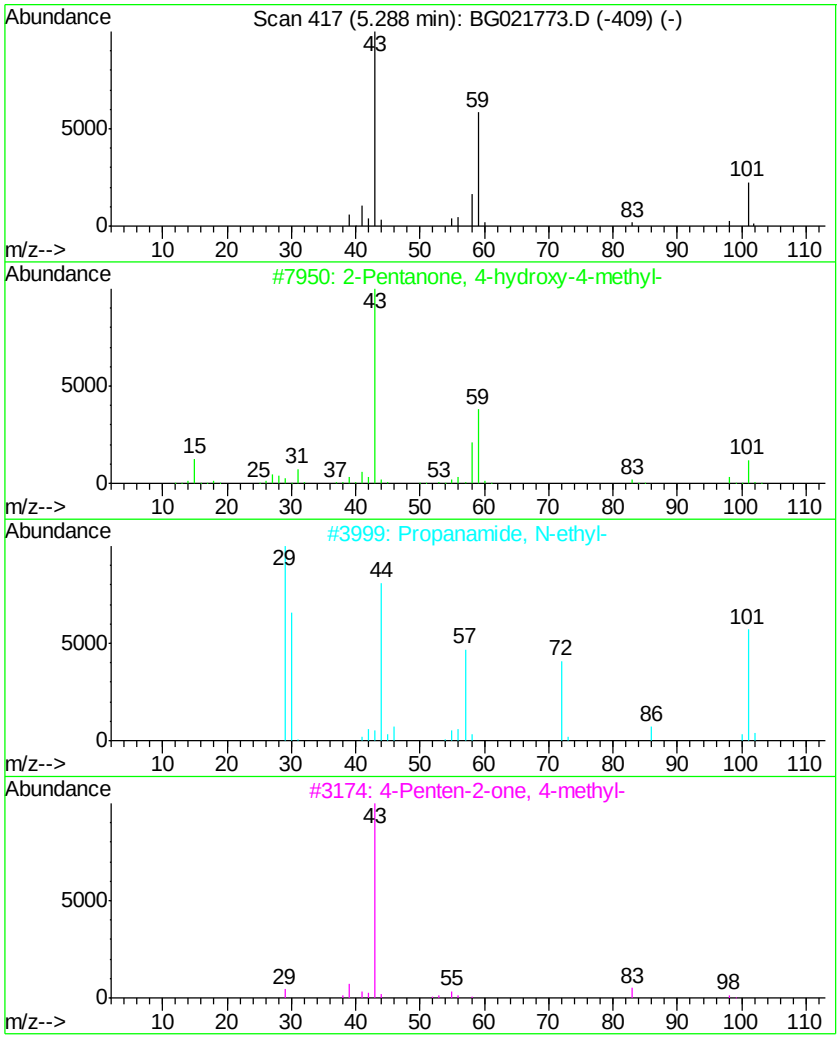
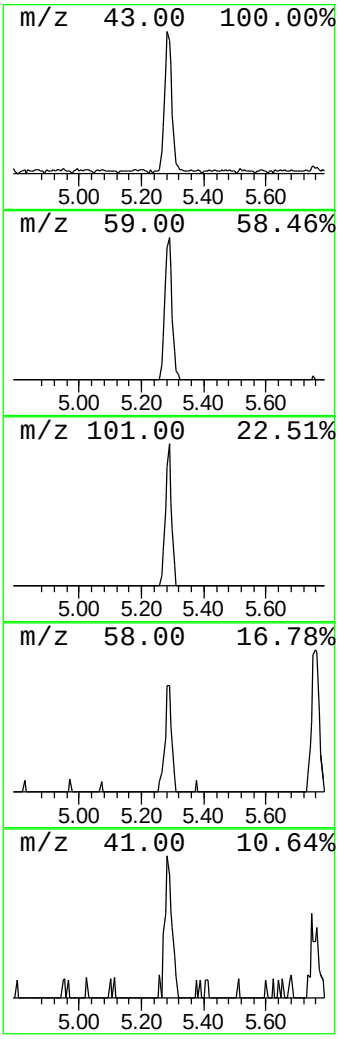
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	5.25 ng	40673	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	40
2	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-NW2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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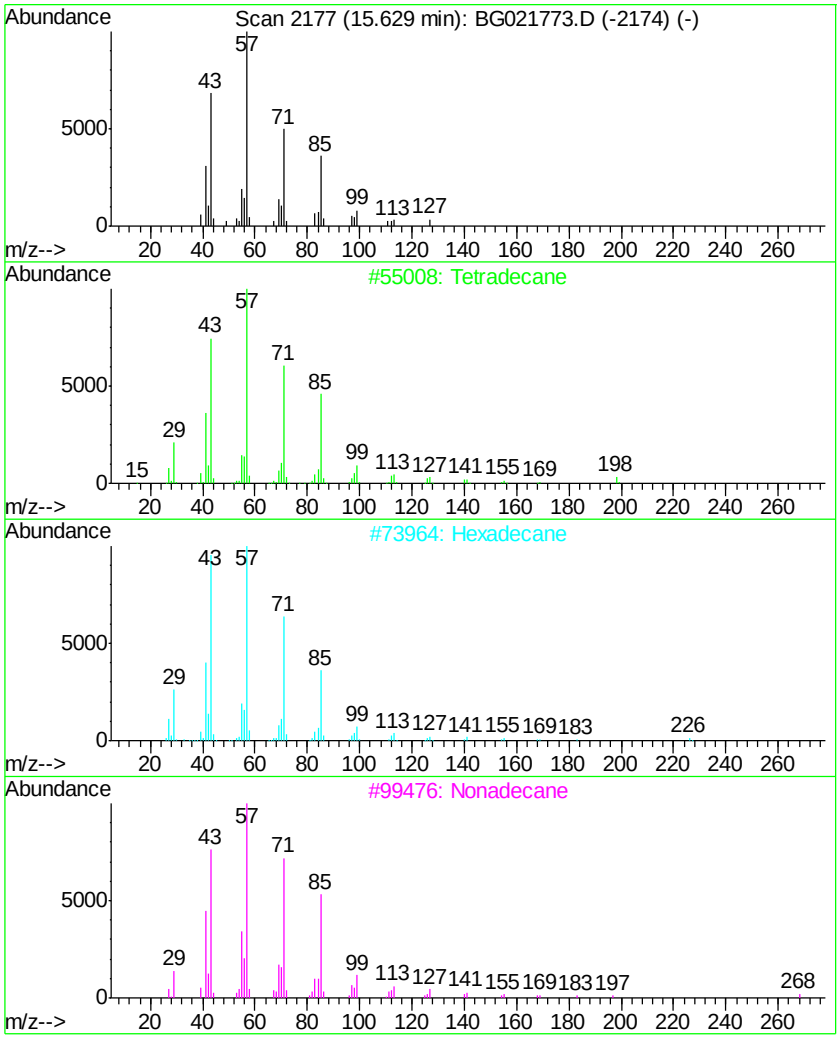
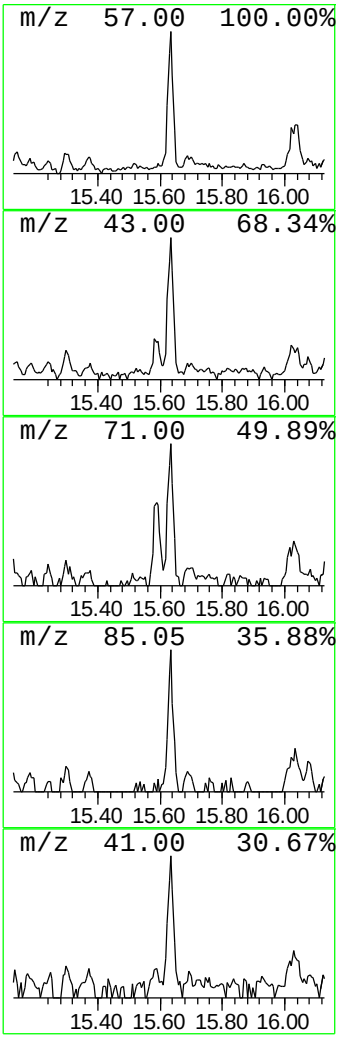
Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.06 ng	39127	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72





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Operator : UM/SJ
Sample : H2569-07
Misc :
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Instrument : BNA_G
ClientSampleId : LCF-NW2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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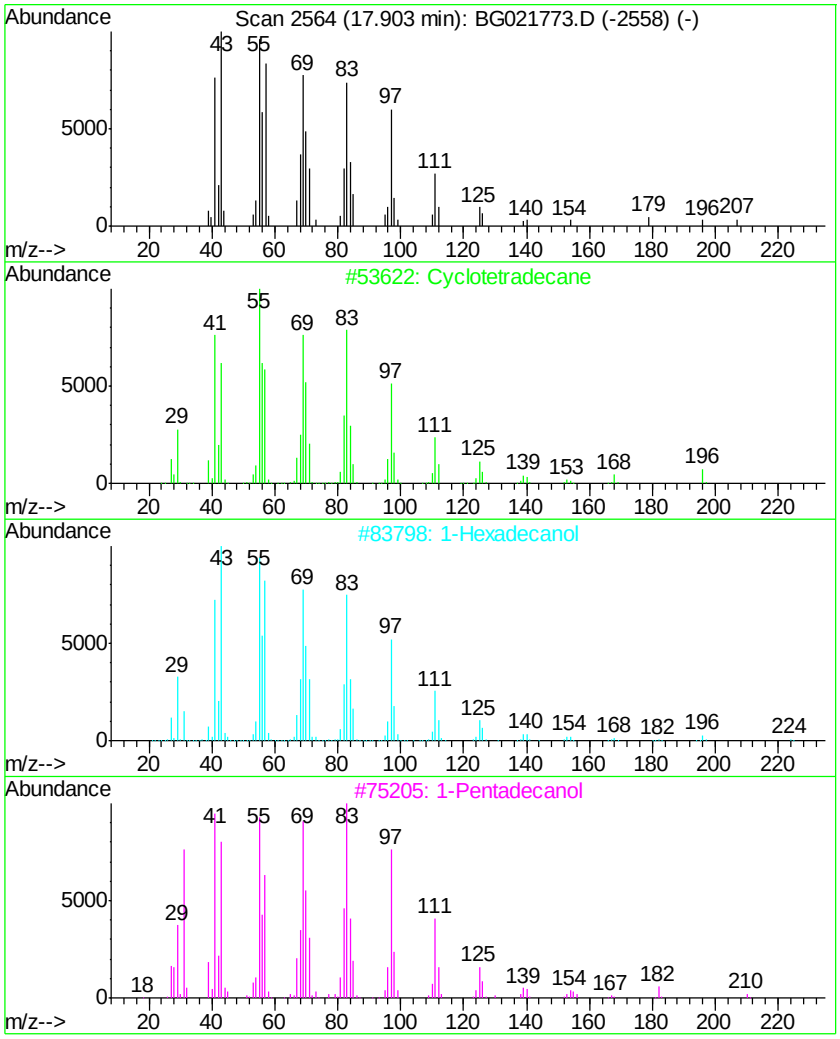
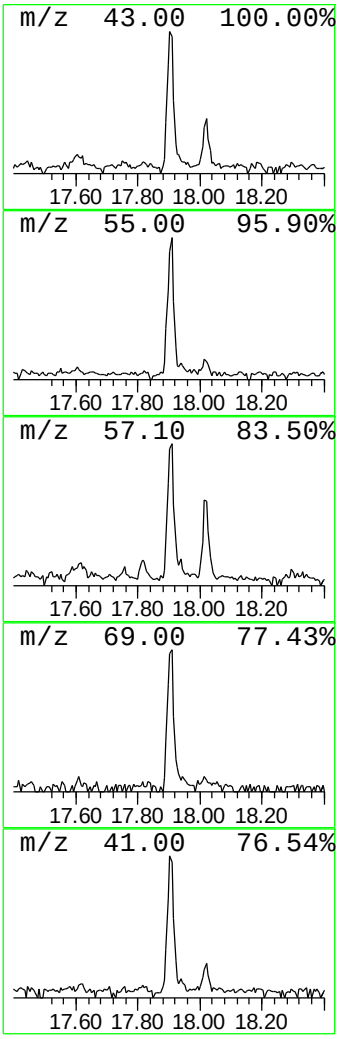
****

Peak Number 8 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	3.55 ng	81824	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	1-Pentadecanol	228	C15H32O	000629-76-5	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
5	1-Tetradecanol	214	C14H30O	000112-72-1	87





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Instrument : BNA_G
ClientSampleId : LCF-NW2

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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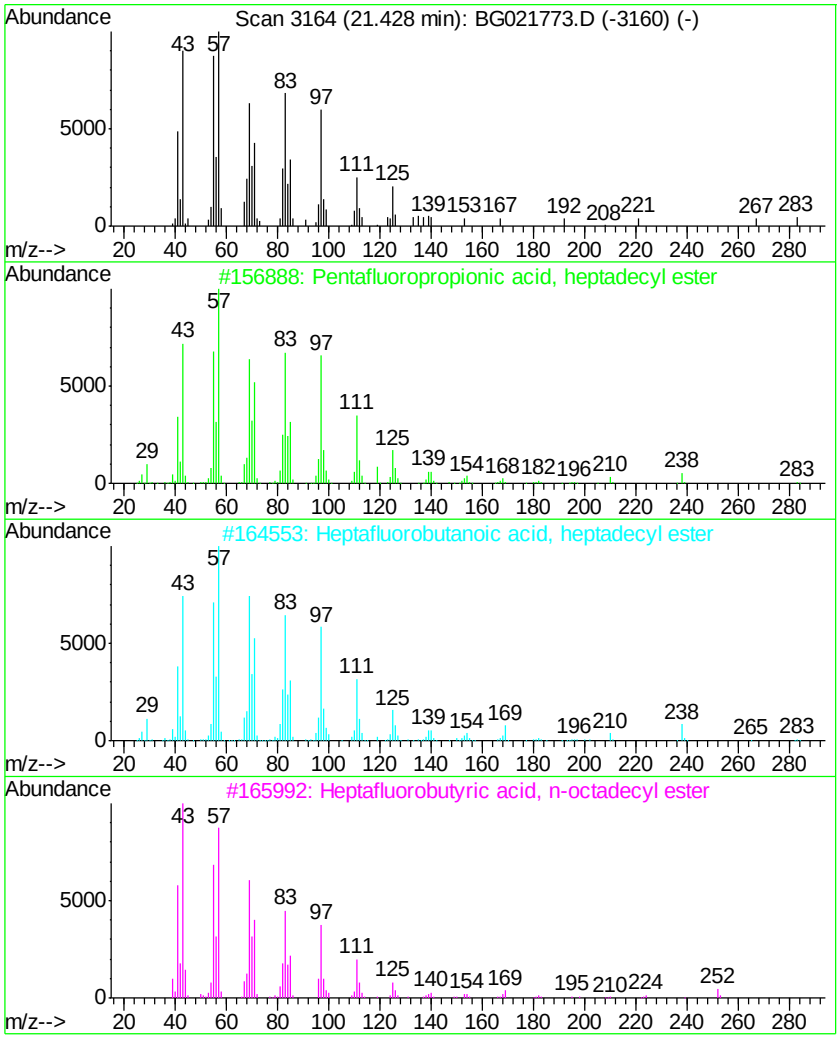
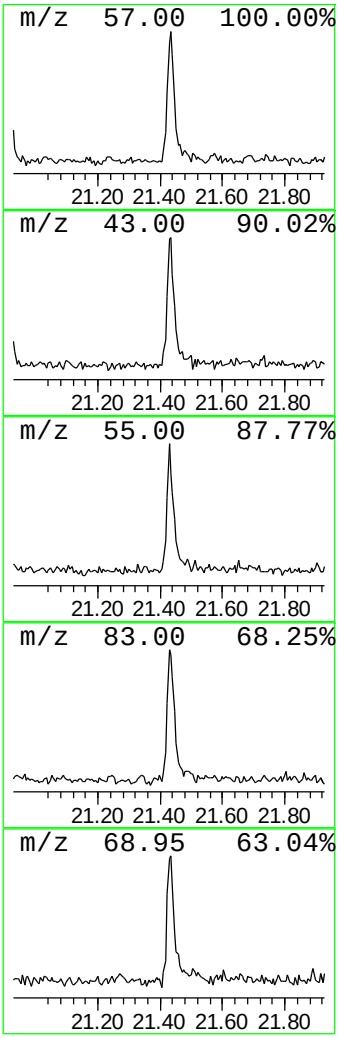
Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.78 ng	73926	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83





Tentatively Identified Compound (LSC) summary

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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
Cyclopentane, met...	2.95	272.3	ng	2108700	1	8.21	154878	20.0
Propane, 2,2-dime...	3.09	224.7	ng	1740380	1	8.21	154878	20.0
2-Pentanone, 4-hy...	5.29	5.3	ng	40673	1	8.21	154878	20.0
Tetradecane	15.63	2.1	ng	39127	3	14.82	380577	20.0
Cyclotetradecane	17.90	3.5	ng	81824	4	17.56	461337	20.0
Pentafluoropropio...	21.43	2.8	ng	73926	5	21.83	532138	20.0