LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021769.D
Acq On : 20 Apr 2016 00:16
Operator : UM/SJ
Sample : H2569-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

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	3.091	38	43	64	rVB	1558632	2228654	100.00%	19.989%
2	5.288	410	417	423	rBV	25159	39362	1.77%	0.353%
3	5.758	488	497	508	rBV	358688	583969	26.20%	5.238%
4	7.362	762	770	779	rBV	407824	693617	31.12%	6.221%
5	7.744	828	835	843	rVB	360563	645793	28.98%	5.792%
6	8.208	906	914	921	rBV	82977	142731	6.40%	1.280%
7	8.537	962	970	981	rBV	266625	466741	20.94%	4.186%
8	9.378	1101	1113	1122	rBV	243301	435368	19.54%	3.905%
9	11.029	1386	1394	1404	rBV	131078	235921	10.59%	2.116%
10	13.449	1798	1806	1813	rBV	730615	1096063	49.18%	9.830%
11	14.260	1938	1944	1951	rBV	111642	166656	7.48%	1.495%
12	14.818	2033	2039	2049	rVB2	224490	371580	16.67%	3.333%
13	15.635	2174	2178	2184	rVB	28922	36244	1.63%	0.325%
14	16.299	2285	2291	2301	rVB	545596	821944	36.88%	7.372%
15	16.493	2319	2324	2333	rBV2	31304	55577	2.49%	0.498%
16	17.280	2453	2458	2463	rBV	25711	34846	1.56%	0.313%
17	17.556	2498	2505	2511	rBV2	281854	436362	19.58%	3.914%
18	20.141	2939	2945	2951	rBV	1170315	1527088	68.52%	13.696%
19	21.434	3160	3165	3171	rBV2	50444	76488	3.43%	0.686%
20	21.828	3225	3232	3239	rBV	294415	517492	23.22%	4.641%
21	23.320	3480	3486	3493	rBV6	11048	25461	1.14%	0.228%
22	25.159	3789	3799	3811	rVB3	167194	511704	22.96%	4.589%

Sum of corrected areas: 11149661

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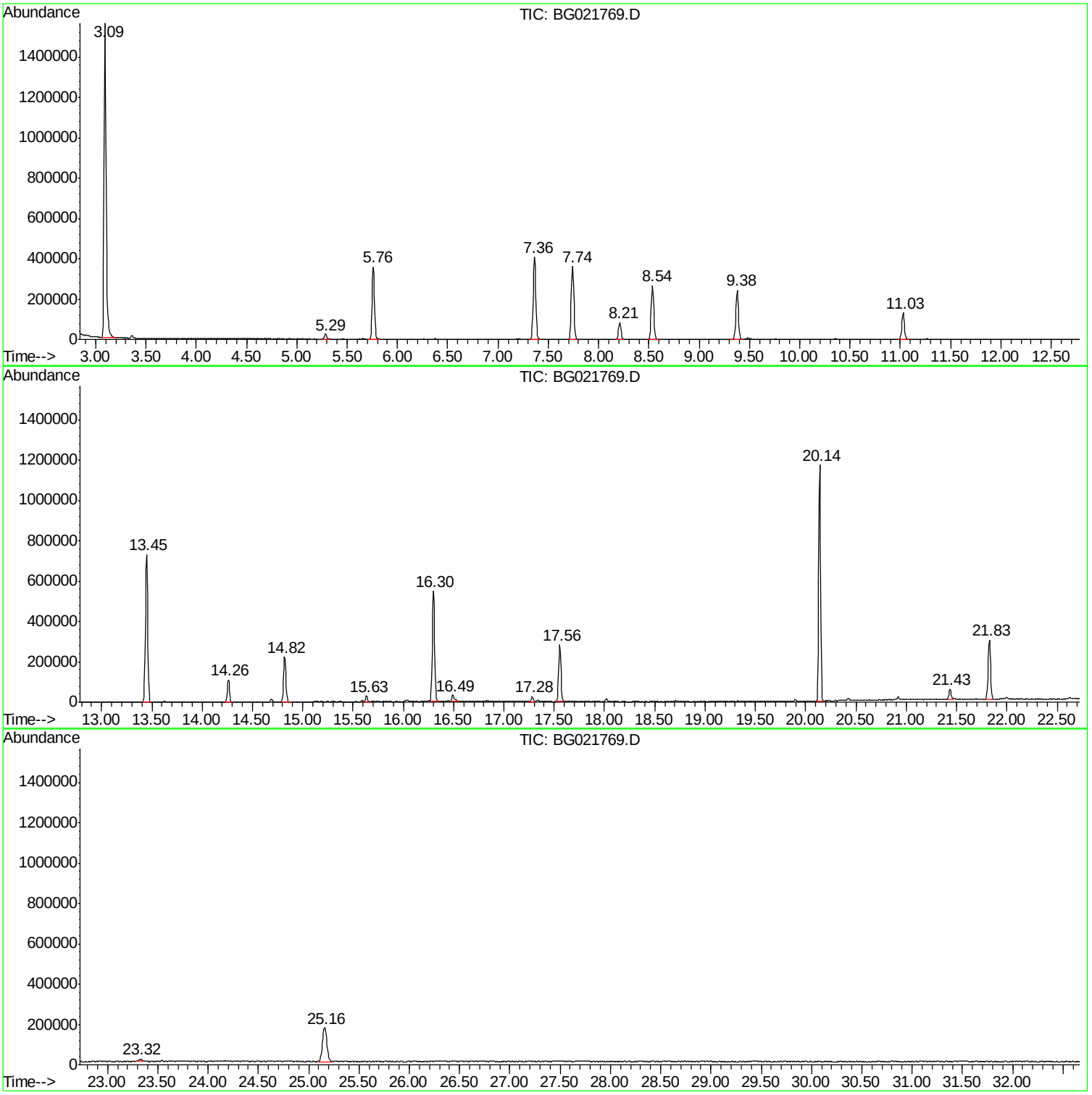
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

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\BG042016\
Data File : BG021769.D
Acq On : 20 Apr 2016 00:16
Operator : UM/SJ
Sample : H2569-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

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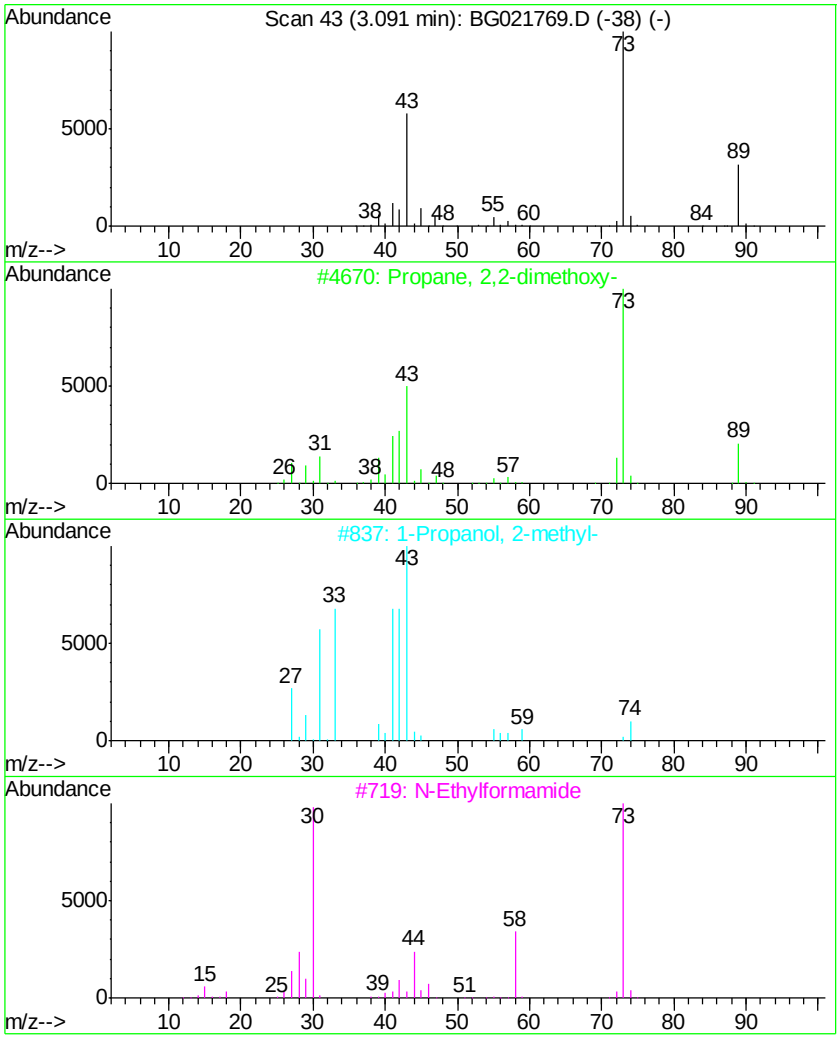
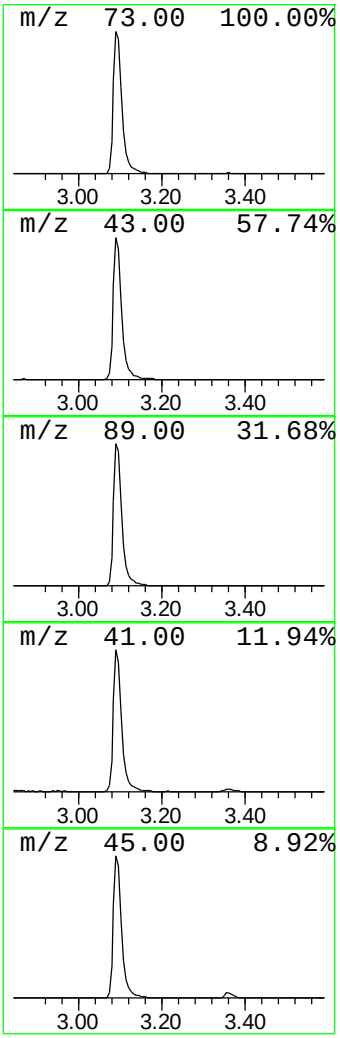
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	312.29 ng	2228650	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	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





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Data File : BG021769.D
Acq On : 20 Apr 2016 00:16
Operator : UM/SJ
Sample : H2569-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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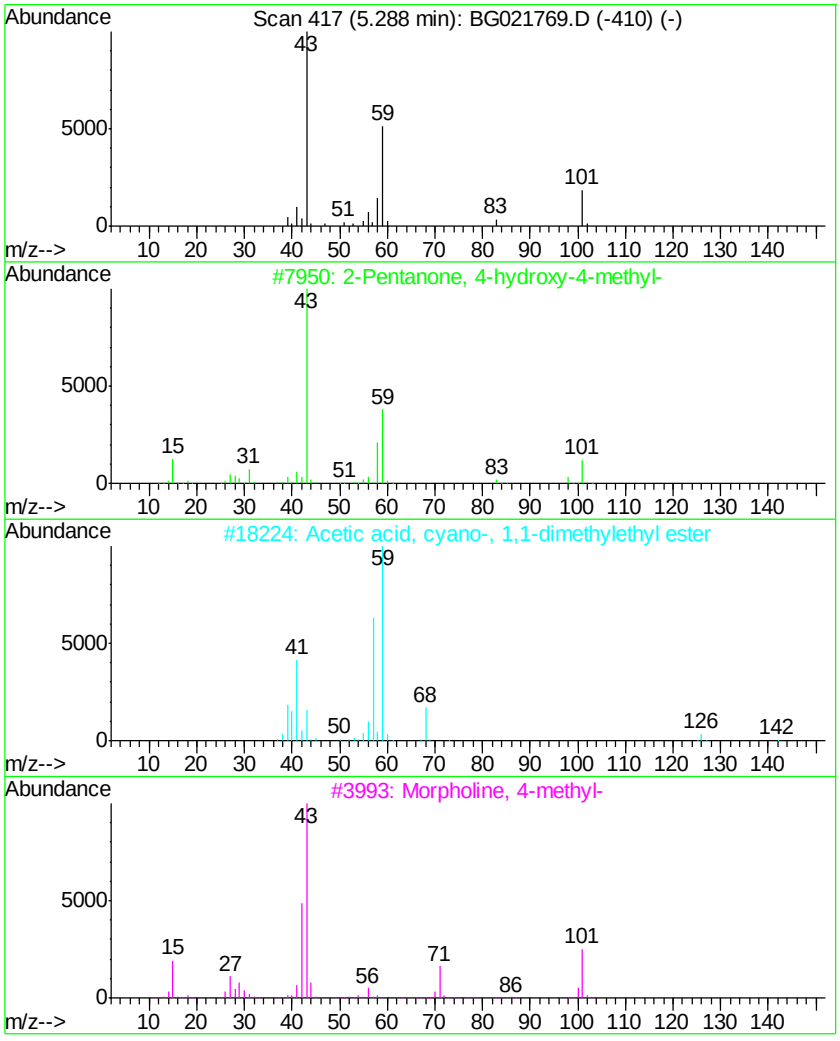
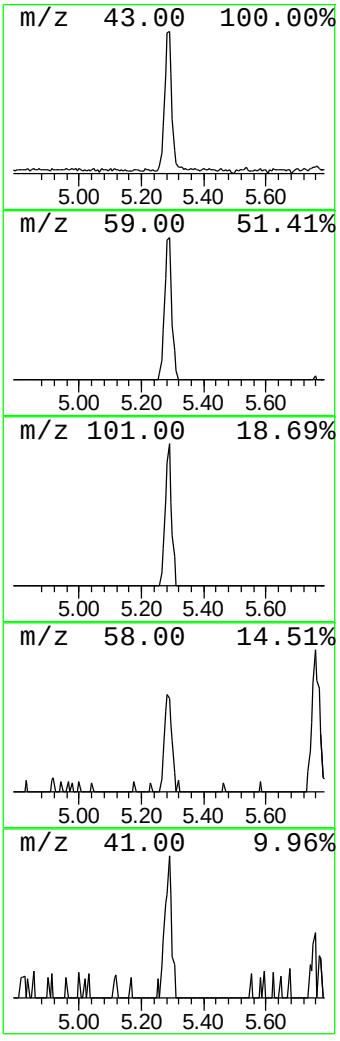
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	5.52 ng	39362	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021769.D
Acq On : 20 Apr 2016 00:16
Operator : UM/SJ
Sample : H2569-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

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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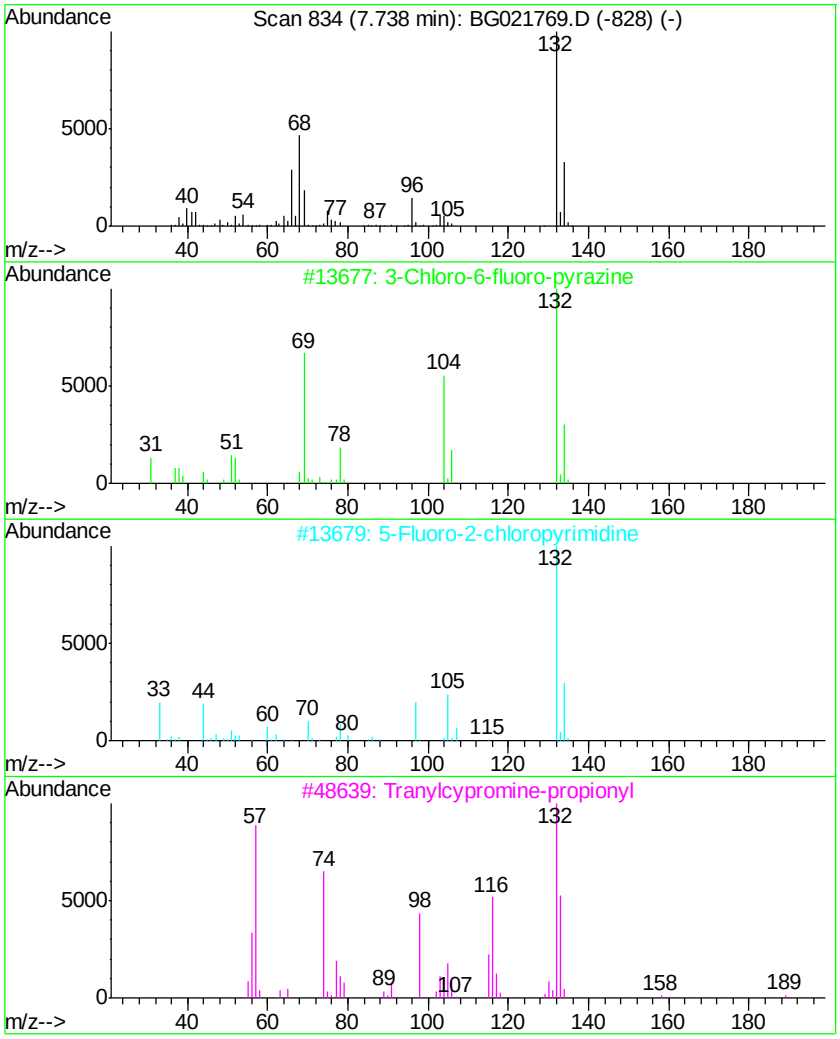
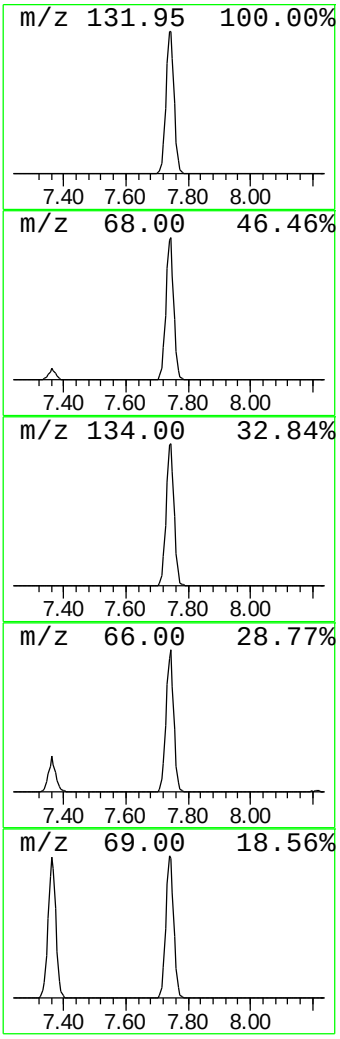
Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	90.49 ng	645793	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : UM/SJ
Sample : H2569-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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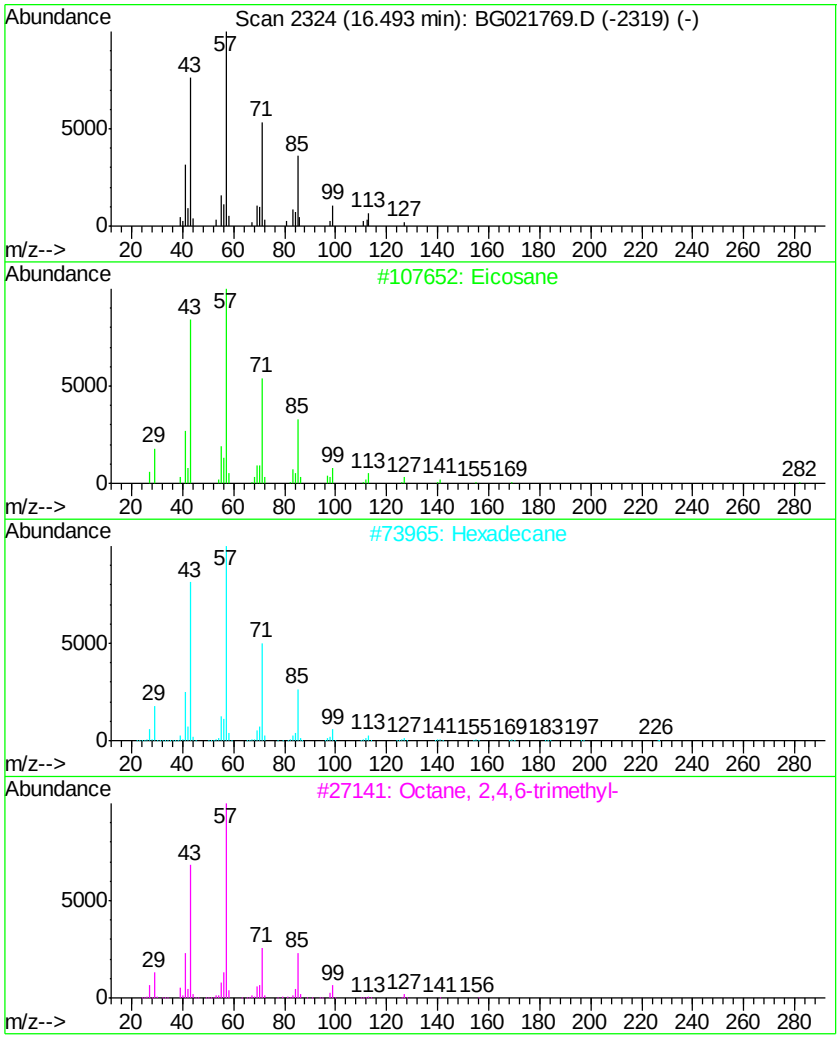
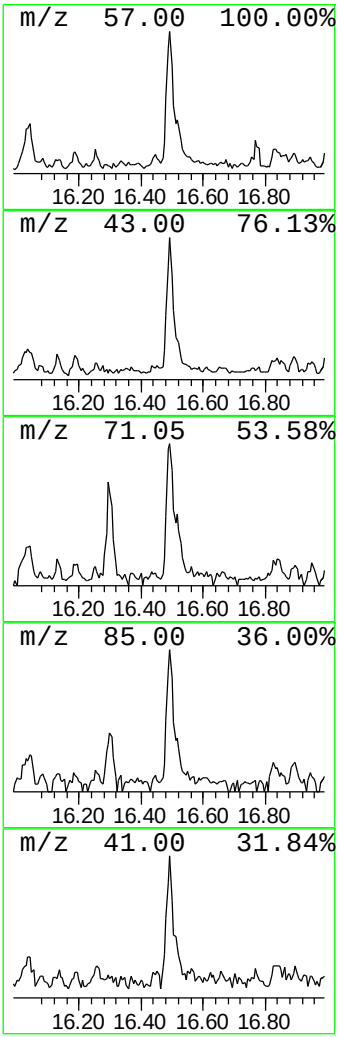
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.55 ng	55577	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72





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Operator : UM/SJ
Sample : H2569-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-SW2

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

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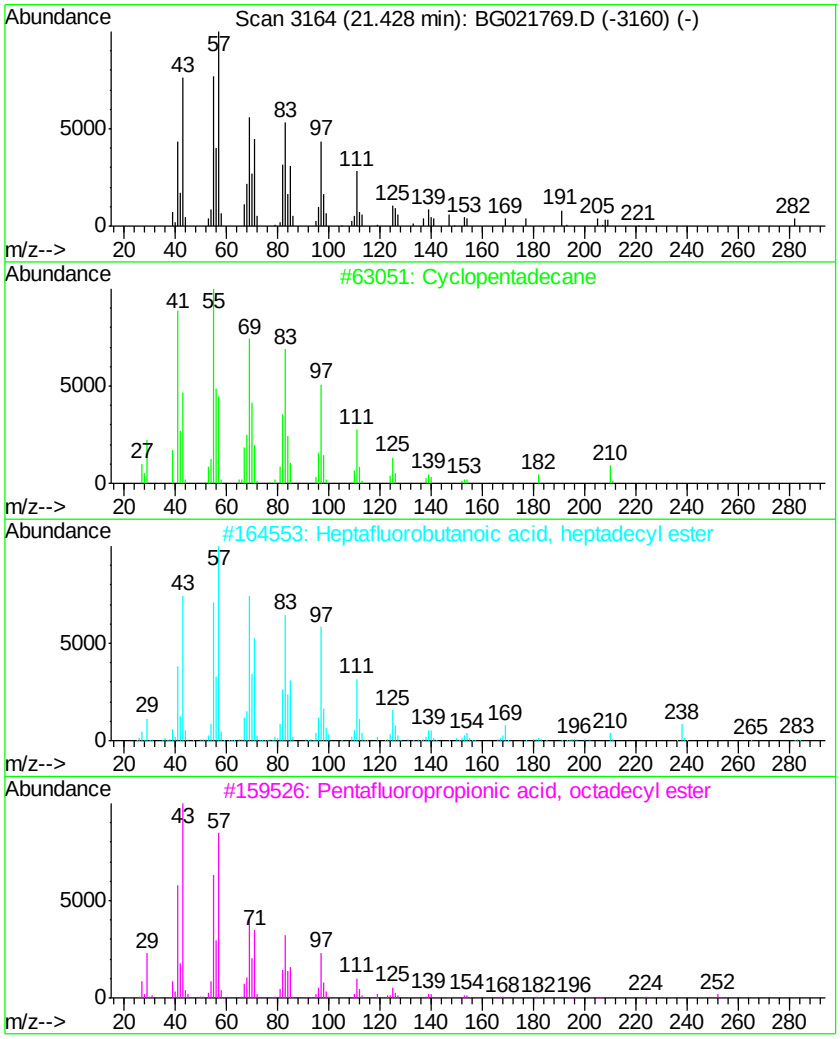
TIC Integration Parameters: LSCINT.P

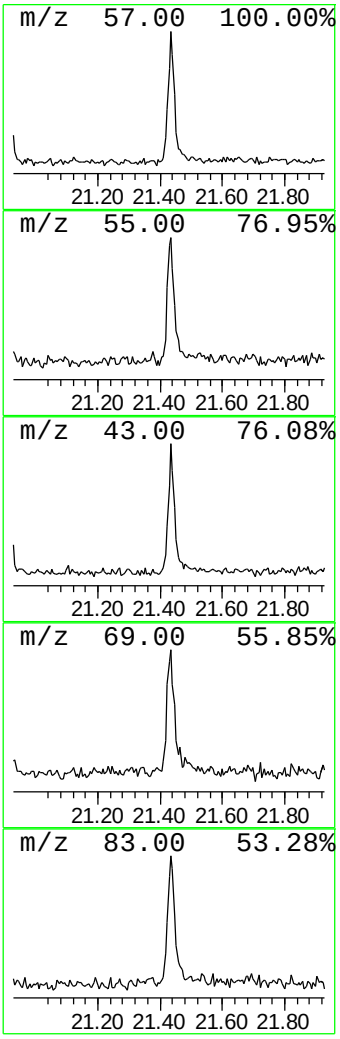
****

Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.96 ng	76488	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	87
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	81
5	1-Pentadecene	210	C15H30	013360-61-7	80





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.09	312.3	ng	2228650	1	8.21	142731	20.0
2-Pentanone, 4-hy...	5.29	5.5	ng	39362	1	8.21	142731	20.0
unknown7.74	7.74	90.5	ng	645793	1	8.21	142731	20.0
Eicosane	16.49	2.5	ng	55577	4	17.56	436362	20.0
Cyclopentadecane	21.43	3.0	ng	76488	5	21.83	517492	20.0