LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102836.D
Acq On : 8 Feb 2018 1:17
Operator : SJ/JU
Sample : J1473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

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_F\METHODS\8270-BF020318.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	2.187	10	17	25	rVB	458255	607887	13.51%	1.504%
2	3.540	230	247	260	rBV	738166	3401390	75.59%	8.416%
3	3.634	260	263	272	rVB2	23718	49620	1.10%	0.123%
4	5.116	512	515	524	rVB	107541	149150	3.31%	0.369%
5	5.510	576	582	585	rBV	4160175	4481004	99.59%	11.087%
6	6.516	747	753	764	rBV	3725890	4499656	100.00%	11.133%
7	6.657	772	777	780	rBV	4394510	4259043	94.65%	10.538%
8	6.886	812	816	819	rBV	1379074	1178611	26.19%	2.916%
9	7.039	838	842	846	rBV	3458381	3303759	73.42%	8.174%
10	7.445	906	911	914	rBV	2736398	2702623	60.06%	6.687%
11	8.169	1029	1034	1037	rBV	1586255	1447258	32.16%	3.581%
12	9.239	1211	1216	1226	rBV	4051918	3964285	88.10%	9.809%
13	9.316	1226	1229	1231	rVB2	59058	49275	1.10%	0.122%
14	9.633	1279	1283	1286	rBV	412780	396771	8.82%	0.982%
15	9.845	1311	1319	1322	rBV	179443	156350	3.47%	0.387%
16	9.922	1328	1332	1341	rVB2	1468613	1295944	28.80%	3.207%
17	10.345	1401	1404	1407	rVB	207424	154678	3.44%	0.383%
18	10.563	1436	1441	1444	rBV	51032	67528	1.50%	0.167%
19	10.710	1462	1466	1476	rVB	1993874	1874954	41.67%	4.639%
20	10.816	1482	1484	1495	rVB	156792	160391	3.56%	0.397%
21	11.410	1581	1585	1595	rBV	1275936	1101350	24.48%	2.725%
22	11.927	1669	1673	1677	rBV	75274	77611	1.72%	0.192%
23	12.621	1788	1791	1795	rBV	55463	48362	1.07%	0.120%
24	12.998	1850	1855	1858	rBV	2853410	2881847	64.05%	7.130%
25	13.468	1930	1935	1940	rBV2	42186	61760	1.37%	0.153%
26	13.880	2001	2005	2011	rBV	157861	194211	4.32%	0.481%
27	14.051	2029	2034	2037	rBV	1119416	1051430	23.37%	2.602%
28	15.533	2281	2286	2297	rBV	562870	799178	17.76%	1.977%

Sum of corrected areas: 40415926

LSC Report - Integrated Chromatogram

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Operator : SJ/JU
Sample : J1473-13
Misc :
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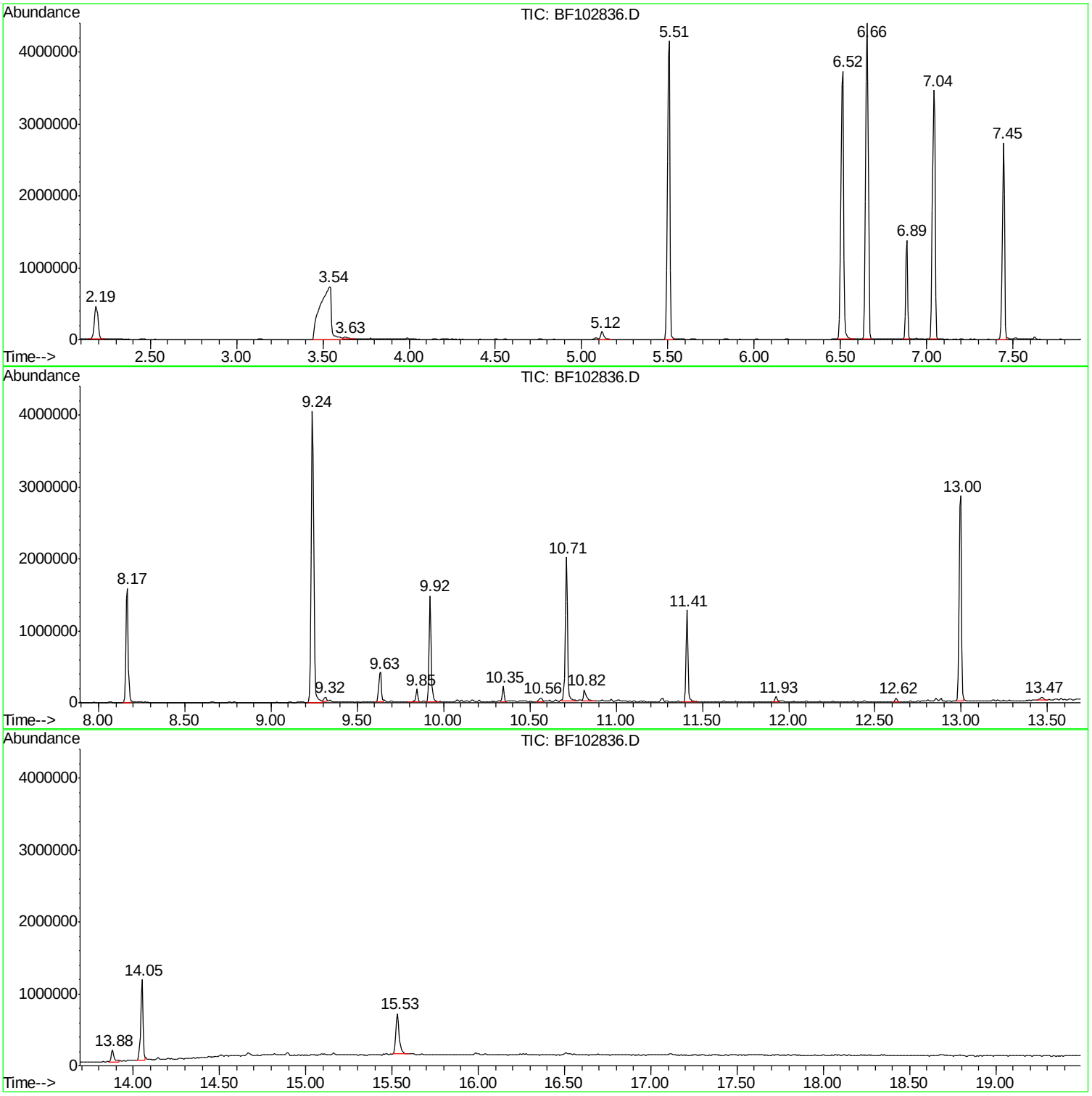
Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
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Sample : J1473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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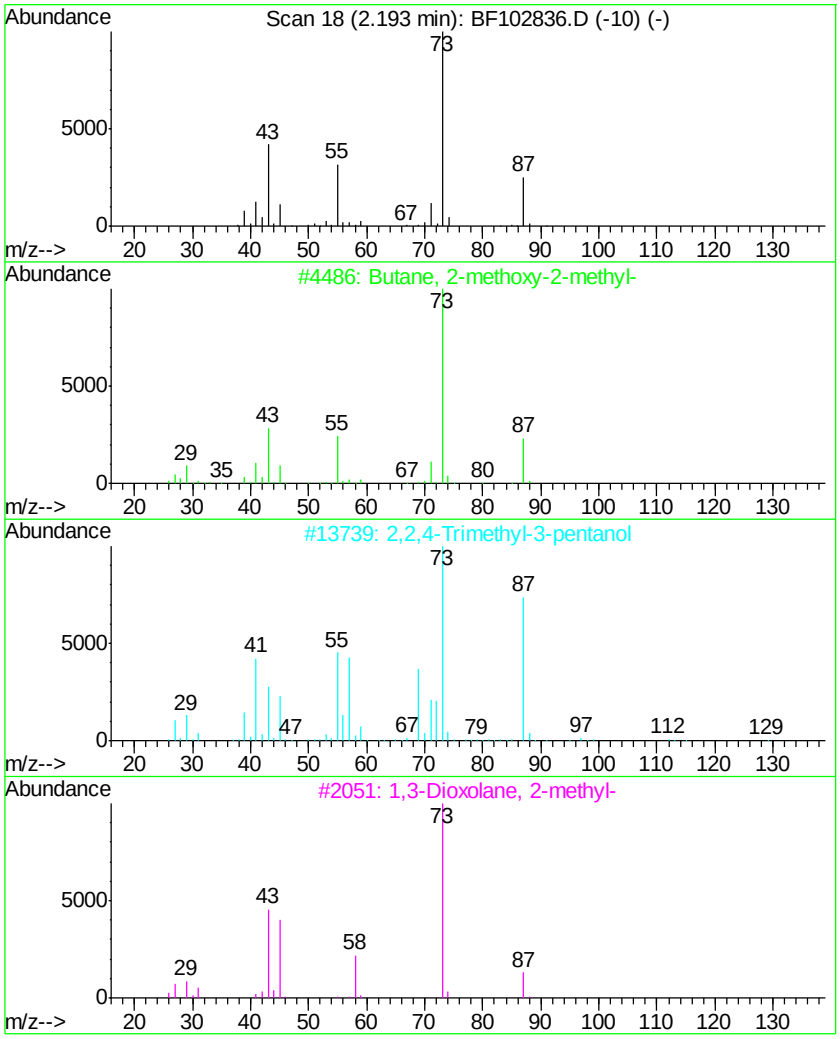
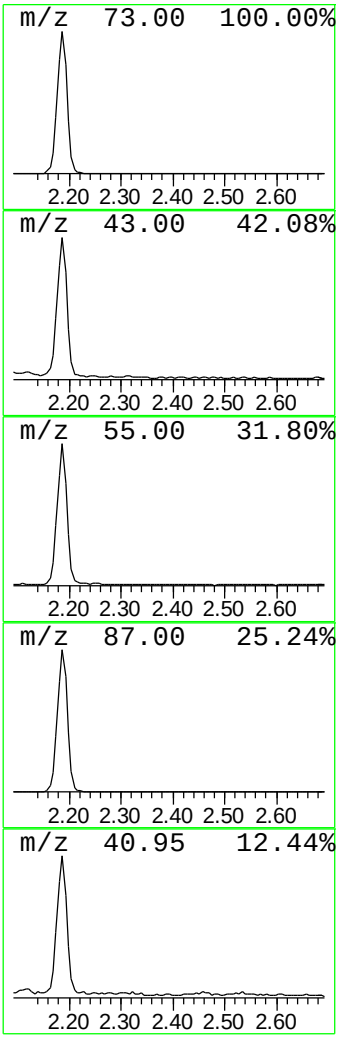
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	10.32 ng	607887	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Library Search Compound Report

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Data File : BF102836.D
Acq On : 8 Feb 2018 1:17
Operator : SJ/JU
Sample : J1473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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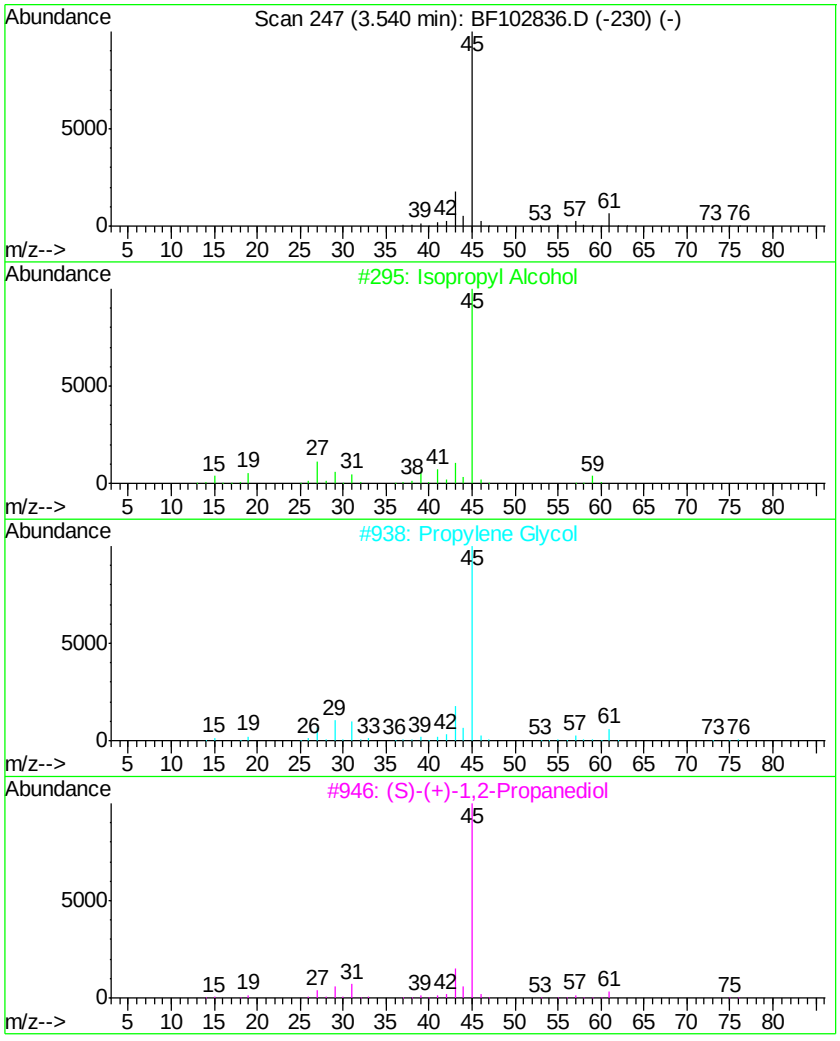
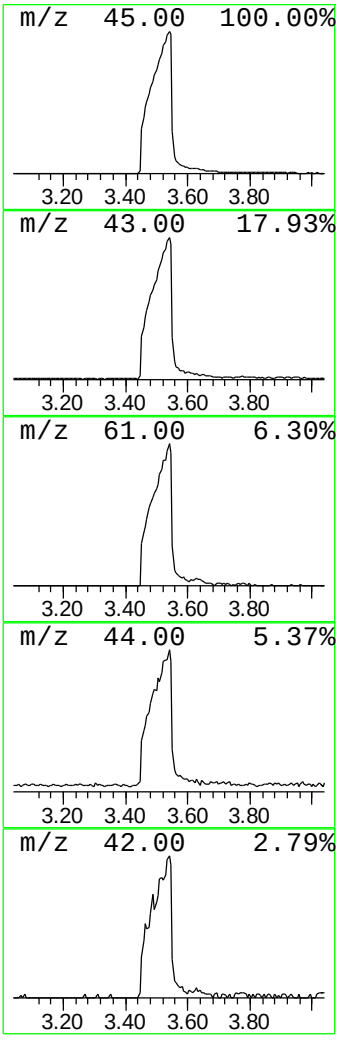
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	57.72 ng	3401390	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	Propylene Glycol	76	C3H8O2	000057-55-6	47
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9





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Data File : BF102836.D
Acq On : 8 Feb 2018 1:17
Operator : SJ/JU
Sample : J1473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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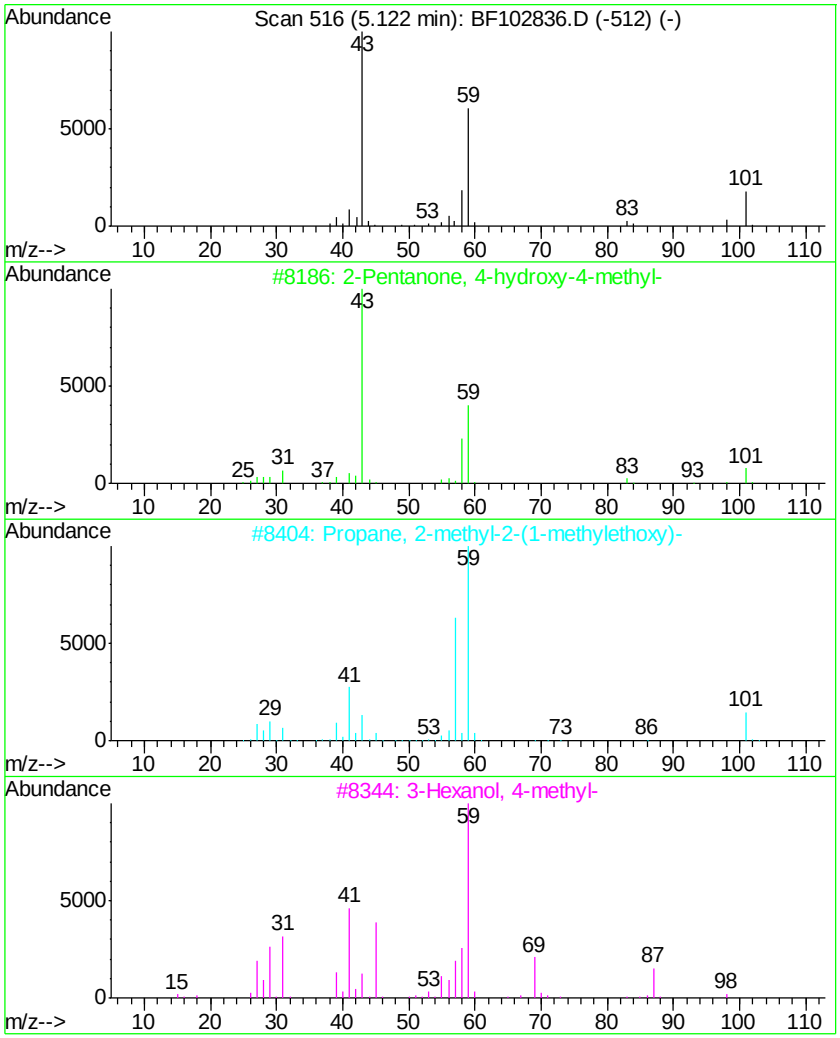
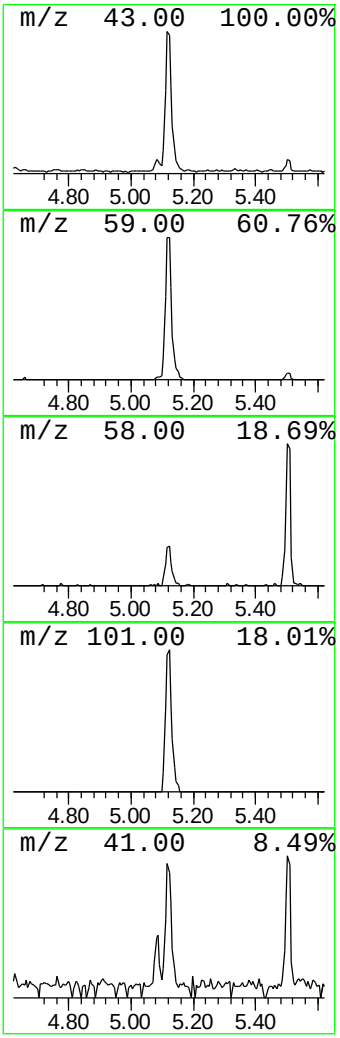
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.53 ng	149150	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102836.D
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Operator : SJ/JU
Sample : J1473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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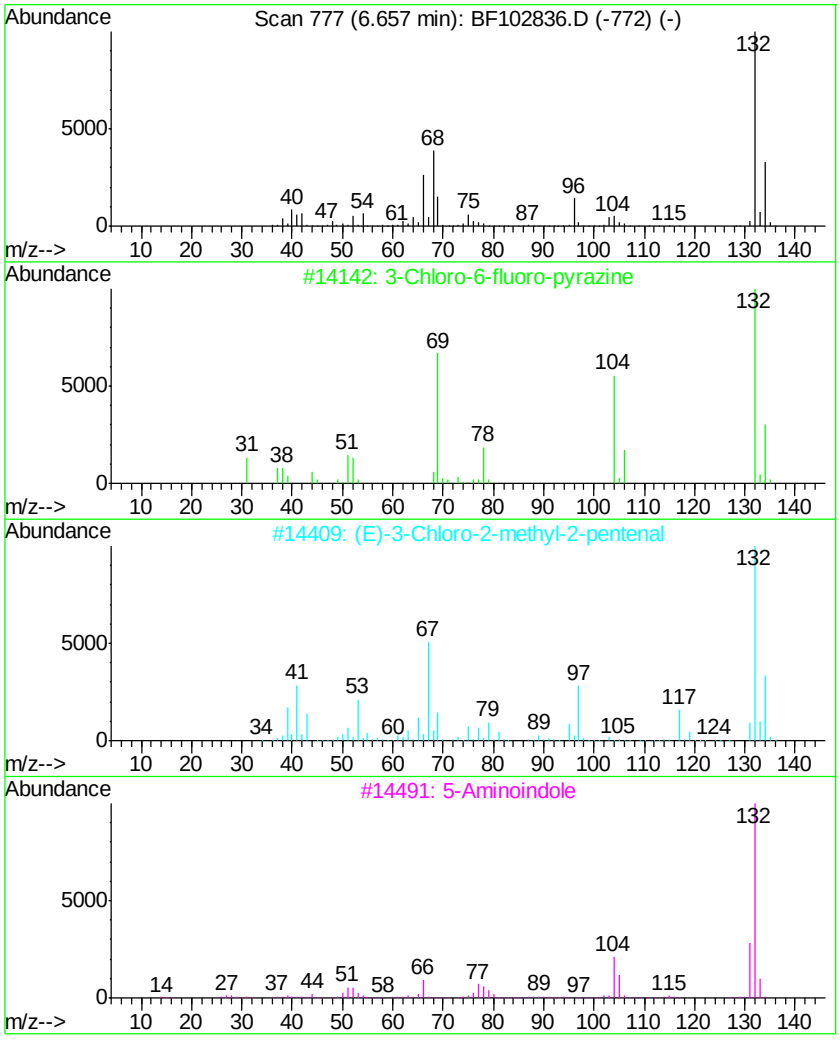
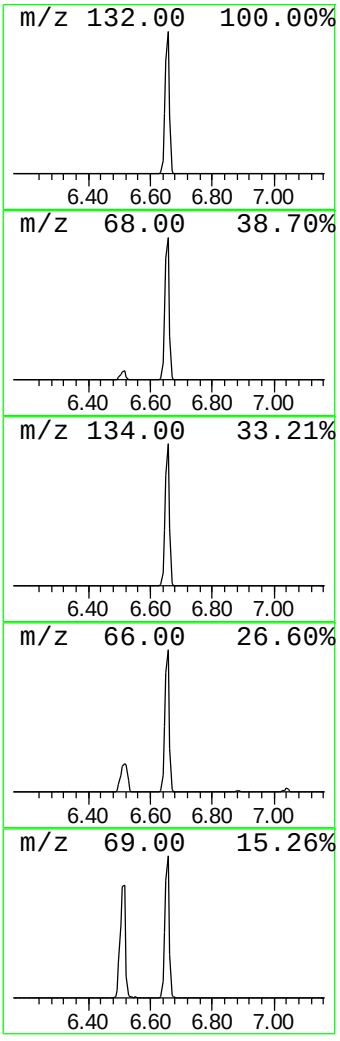
Peak Number 4 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	72.27 ng	4259040	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : J1473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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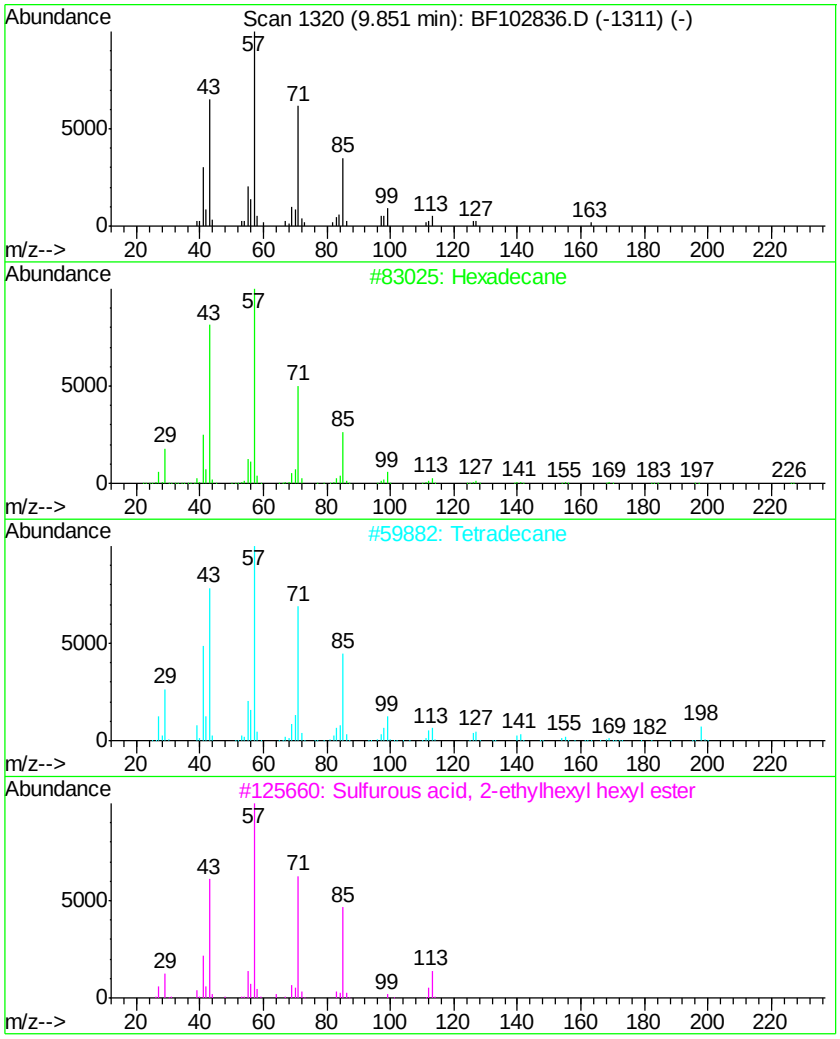
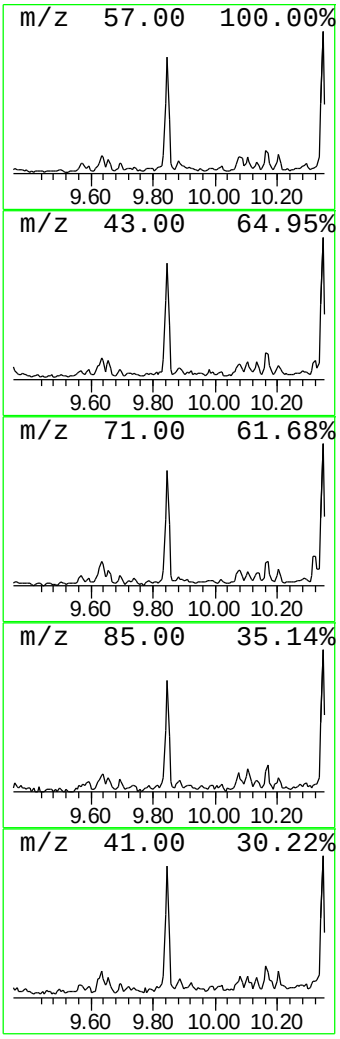
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.41 ng	156350	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

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ClientSampleId : B4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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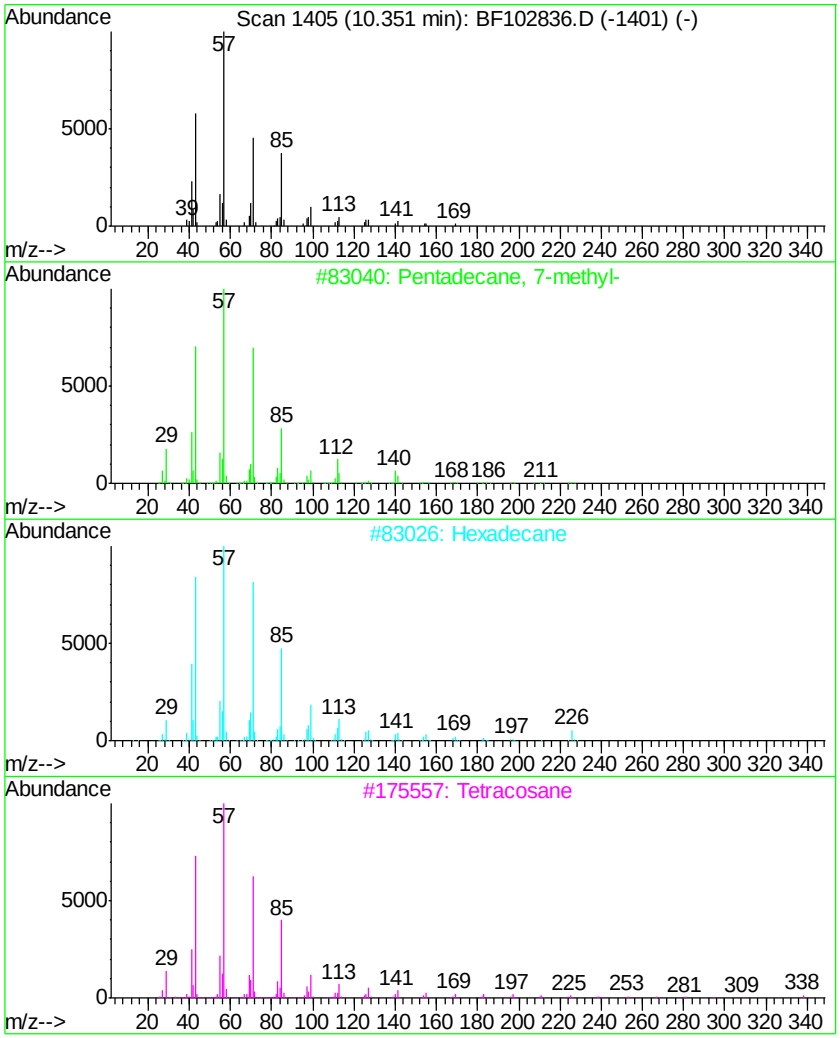
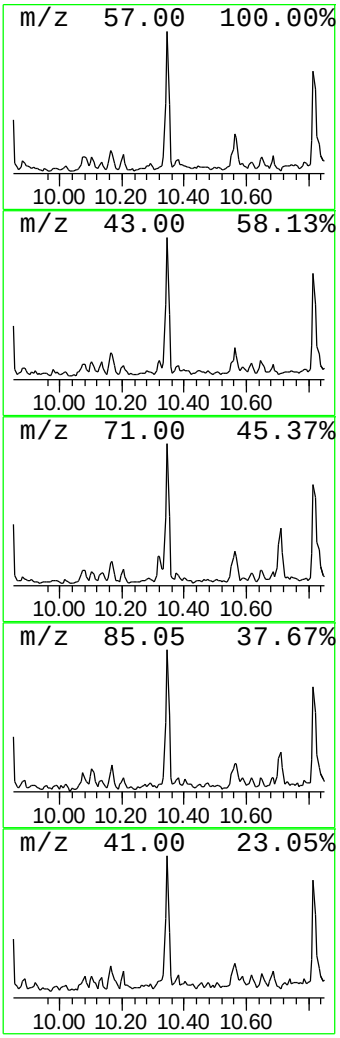
****

Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.39 ng	154678	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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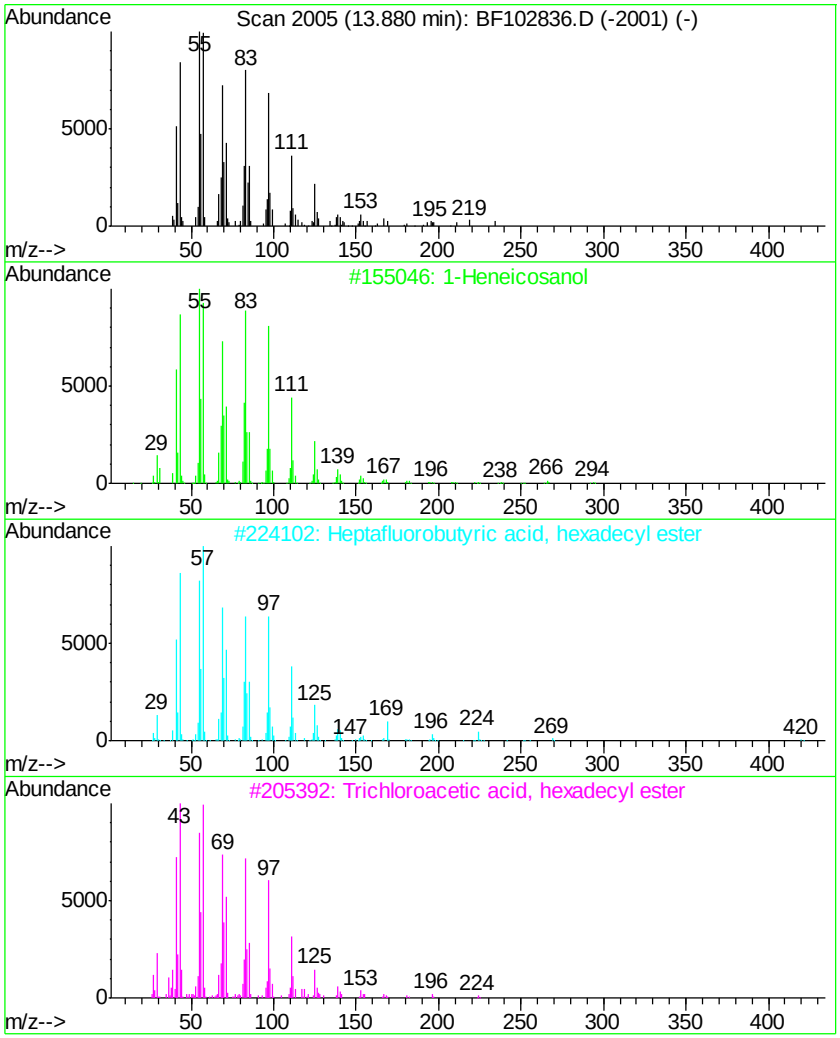
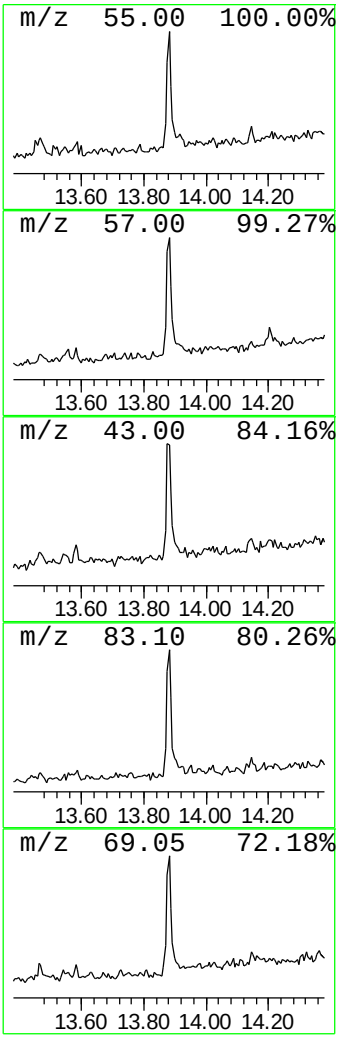
Peak Number 9 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.69 ng	194211	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.19	10.3	ng	607887	1	6.89	1178610	20.0
Isopropyl Alcohol	3.54	57.7	ng	3401390	1	6.89	1178610	20.0
2-Pentanone, 4-hy...	5.12	2.5	ng	149150	1	6.89	1178610	20.0
unknown6.66	6.66	72.3	ng	4259040	1	6.89	1178610	20.0
Hexadecane	9.85	2.4	ng	156350	3	9.92	1295940	20.0
Pentadecane, 7-me...	10.35	2.4	ng	154678	3	9.92	1295940	20.0
1-Heneicosanol	13.88	3.7	ng	194211	5	14.05	1051430	20.0