LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102869.D
Acq On : 8 Feb 2018 21:10
Operator : SJ/JU
Sample : J1471-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-17

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	2.175	9	15	24	rVB	500031	657099	14.26%	1.798%
2	5.122	513	516	524	rVB	130089	159802	3.47%	0.437%
3	5.510	577	582	585	rBV	4577367	4608937	100.00%	12.612%
4	6.516	747	753	756	rBV	4177896	4450072	96.55%	12.178%
5	6.657	772	777	780	rBV	4527186	4363244	94.67%	11.940%
6	6.886	812	816	819	rBV	1369095	1107291	24.02%	3.030%
7	7.045	838	843	846	rBV	3460613	3287026	71.32%	8.995%
8	7.451	906	912	915	rBV	2794127	2900204	62.93%	7.936%
9	8.169	1030	1034	1037	rBV	1661117	1350101	29.29%	3.695%
10	9.245	1212	1217	1220	rBV	3727876	3554274	77.12%	9.726%
11	9.316	1227	1229	1232	rVB	95088	72050	1.56%	0.197%
12	9.633	1279	1283	1286	rBV	284879	255241	5.54%	0.698%
13	9.845	1312	1319	1323	rBV	211175	195547	4.24%	0.535%
14	9.927	1329	1333	1341	rVB	1232710	1202051	26.08%	3.289%
15	10.345	1401	1404	1407	rVB	210432	166729	3.62%	0.456%
16	10.563	1437	1441	1444	rBV	56496	75185	1.63%	0.206%
17	10.716	1463	1467	1477	rVB	1803893	1826929	39.64%	4.999%
18	10.822	1482	1485	1490	rBV	153727	168777	3.66%	0.462%
19	11.269	1558	1561	1563	rBV	87425	68113	1.48%	0.186%
20	11.410	1582	1585	1589	rBV	958374	937702	20.35%	2.566%
21	11.927	1670	1673	1682	rBV2	119194	143775	3.12%	0.393%
22	12.998	1850	1855	1858	rBV	2554426	2434376	52.82%	6.662%
23	13.468	1932	1935	1938	rBV	104144	94539	2.05%	0.259%
24	13.880	2002	2005	2013	rBV	646782	654457	14.20%	1.791%
25	14.057	2031	2035	2038	rBV	944219	913689	19.82%	2.500%
26	14.515	2111	2113	2117	rVB3	82643	73091	1.59%	0.200%
27	15.539	2283	2287	2302	rVB2	529000	822595	17.85%	2.251%

Sum of corrected areas: 36542896

LSC Report - Integrated Chromatogram

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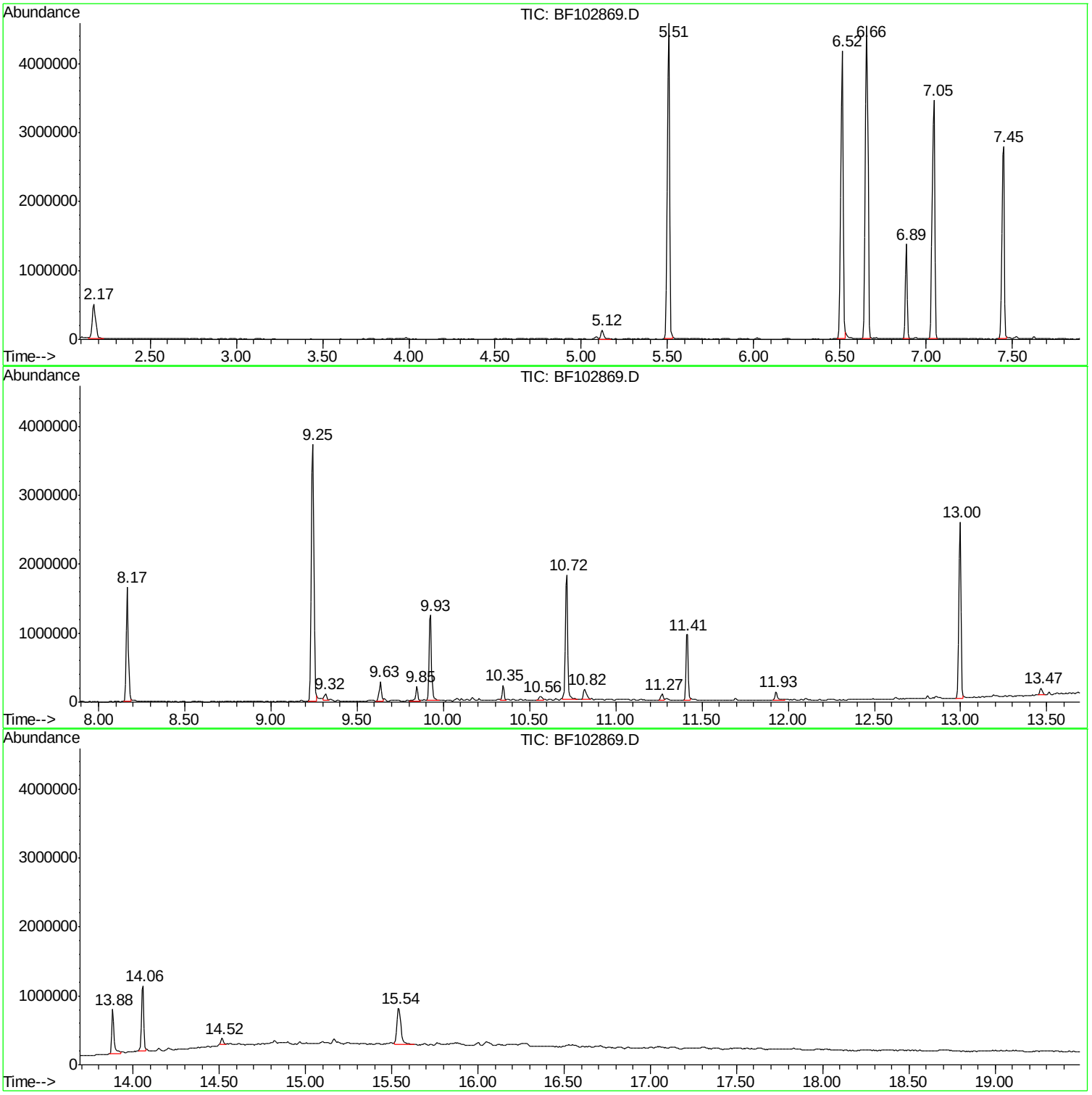
Instrument : BNA_F
ClientSampleId : 3N-17

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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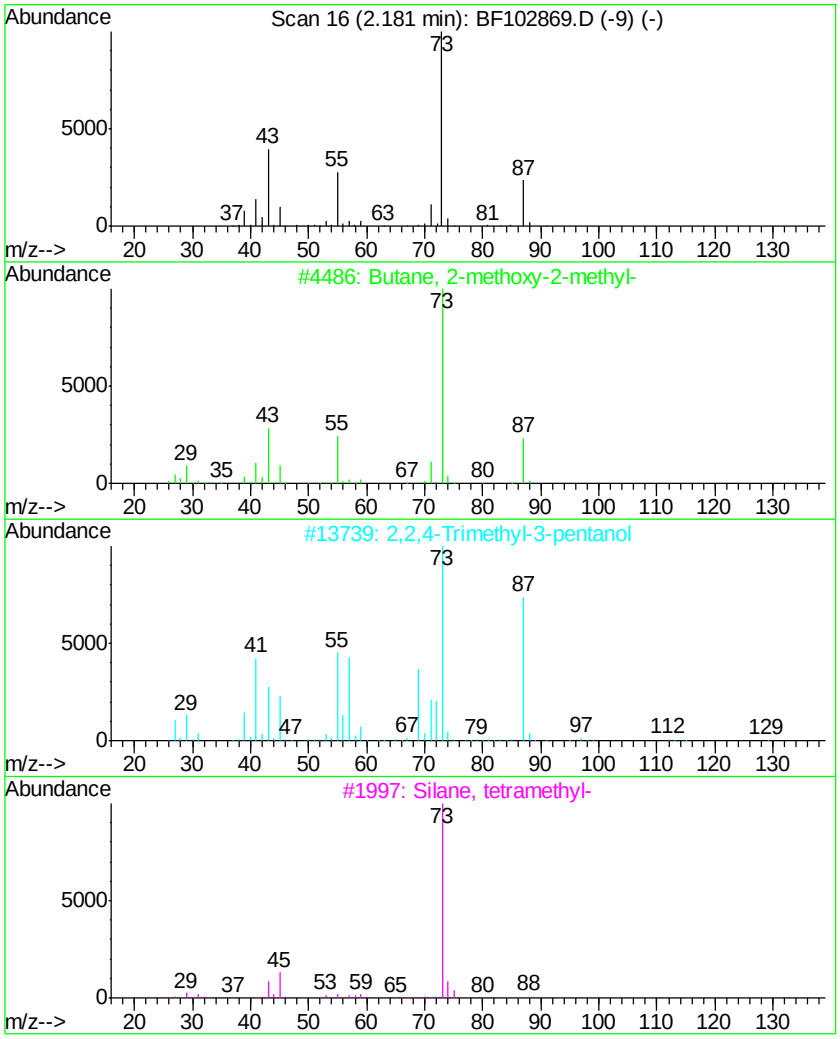
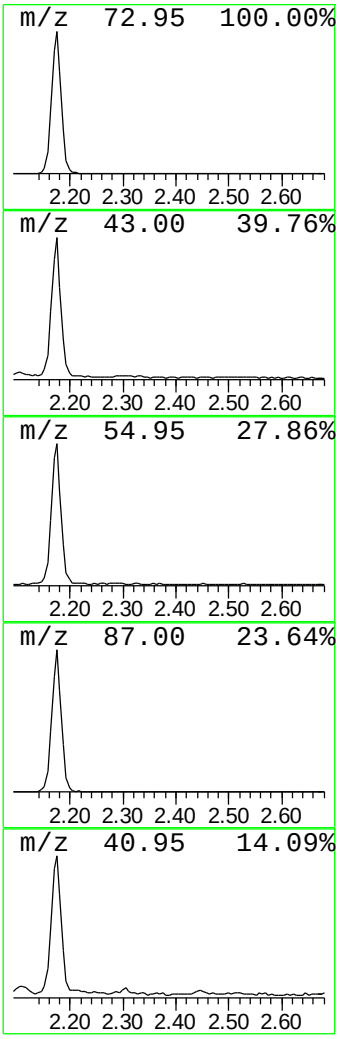
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	11.87 ng	657099	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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Operator : SJ/JU
Sample : J1471-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-17

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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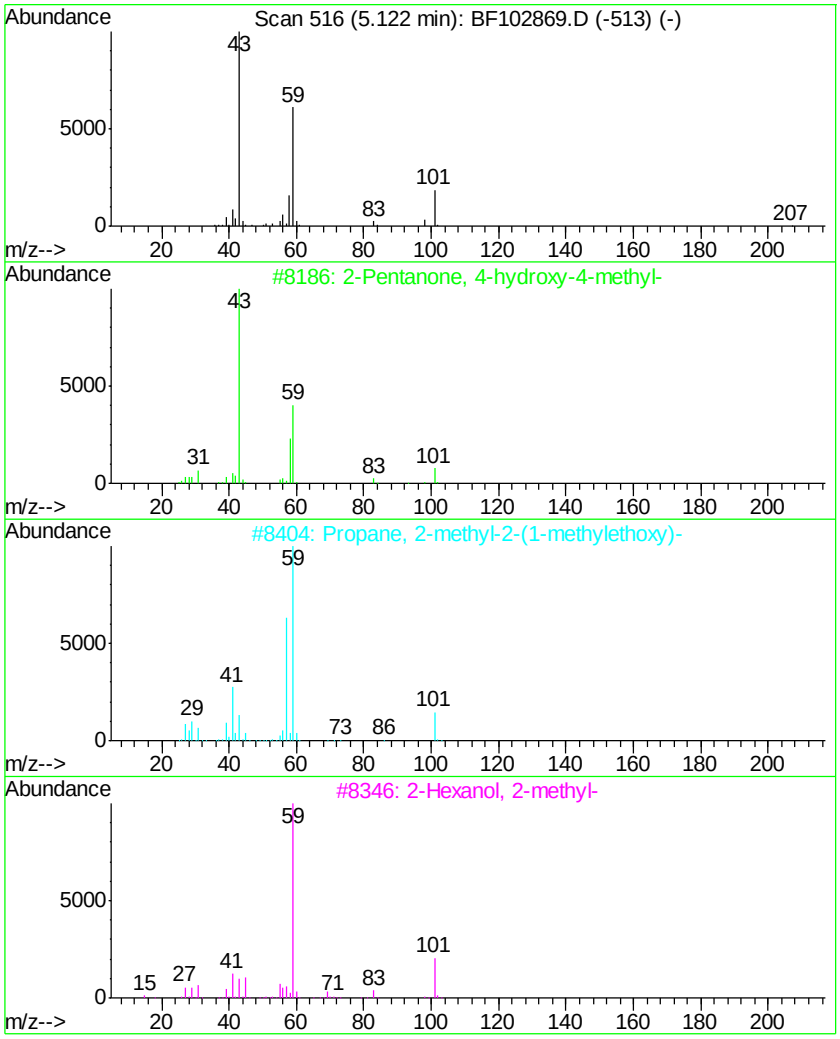
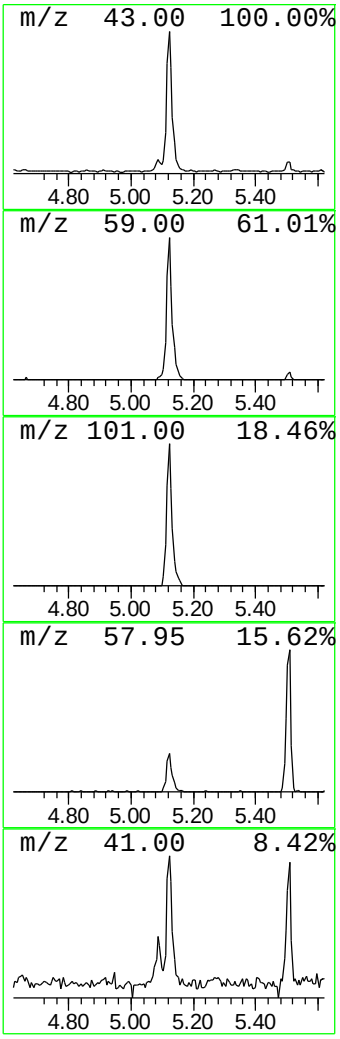
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.89 ng	159802	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	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

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Data File : BF102869.D
Acq On : 8 Feb 2018 21:10
Operator : SJ/JU
Sample : J1471-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-17

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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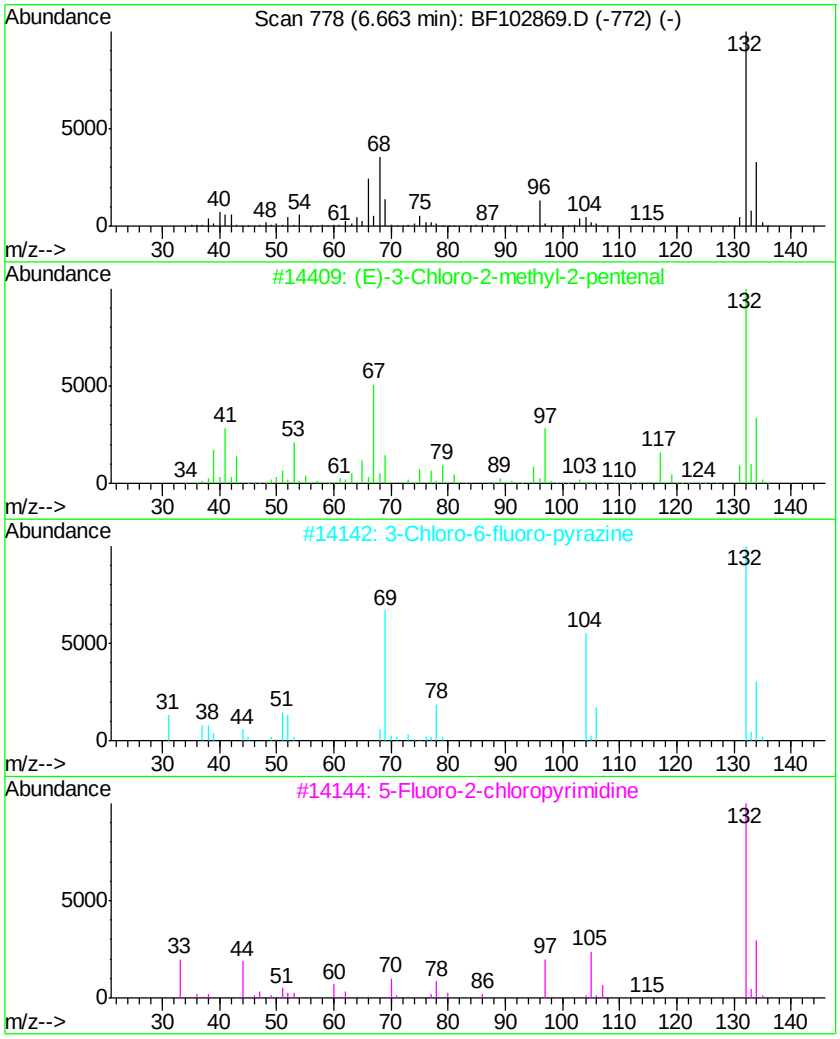
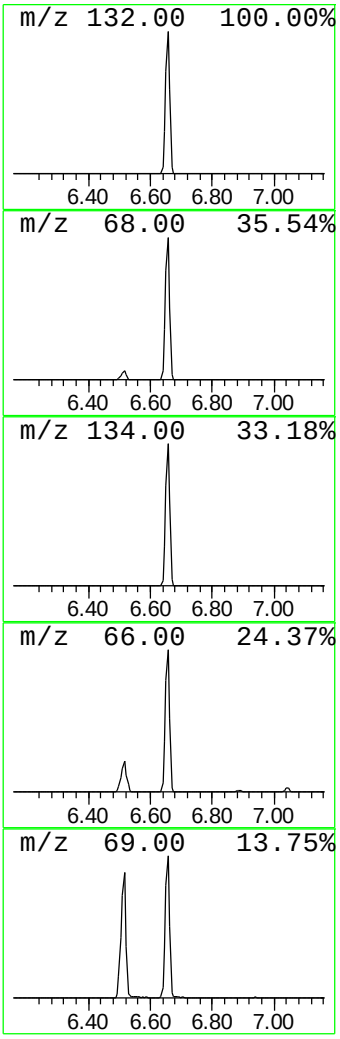
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	78.81 ng	4363240	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Sample : J1471-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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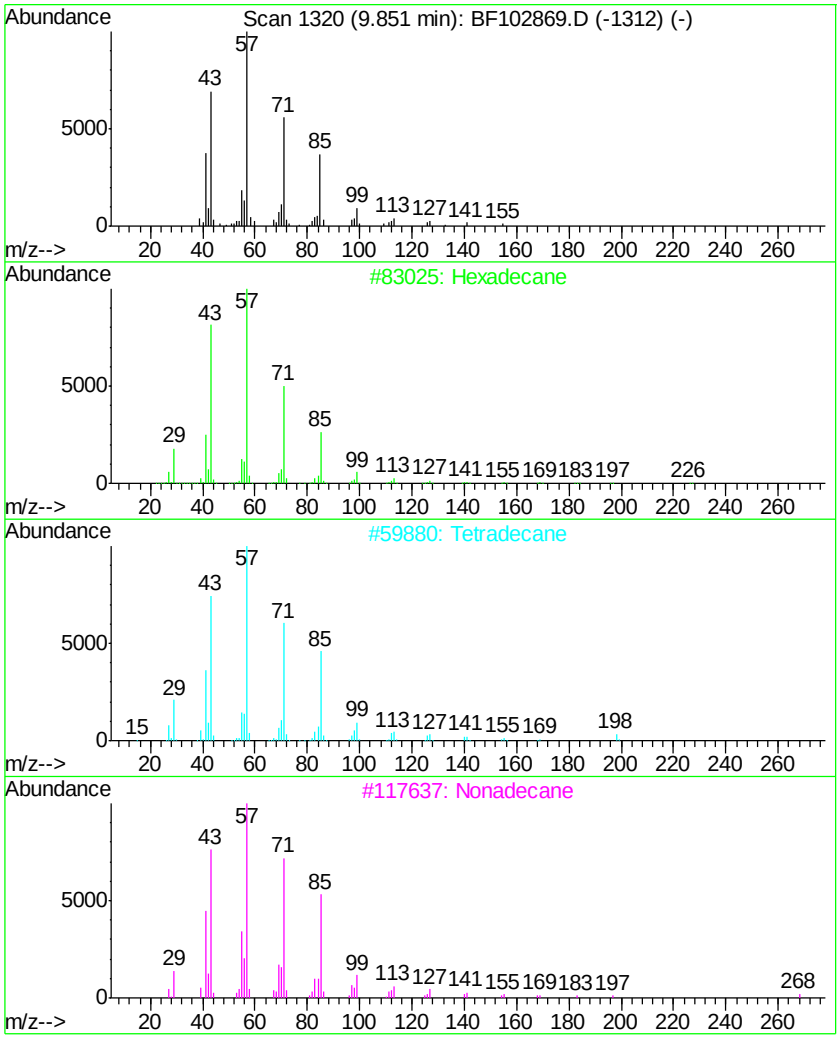
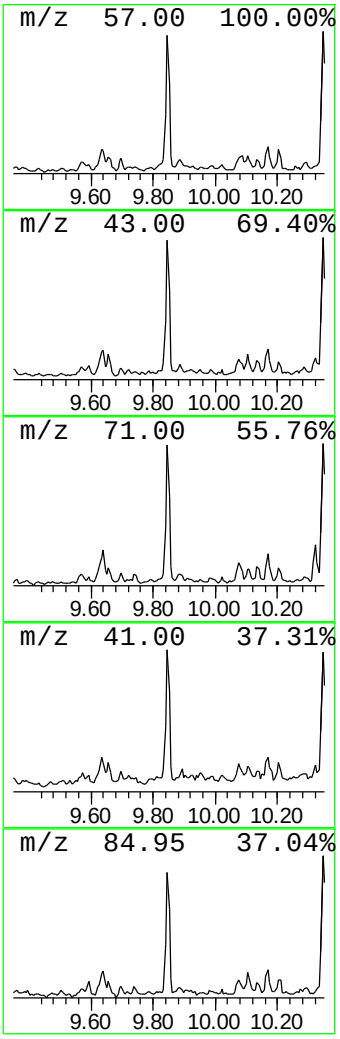
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.25 ng	195547	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





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Data File : BF102869.D
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Sample : J1471-05
Misc :
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Instrument :
BNA_F
ClientSampleId :
3N-17

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

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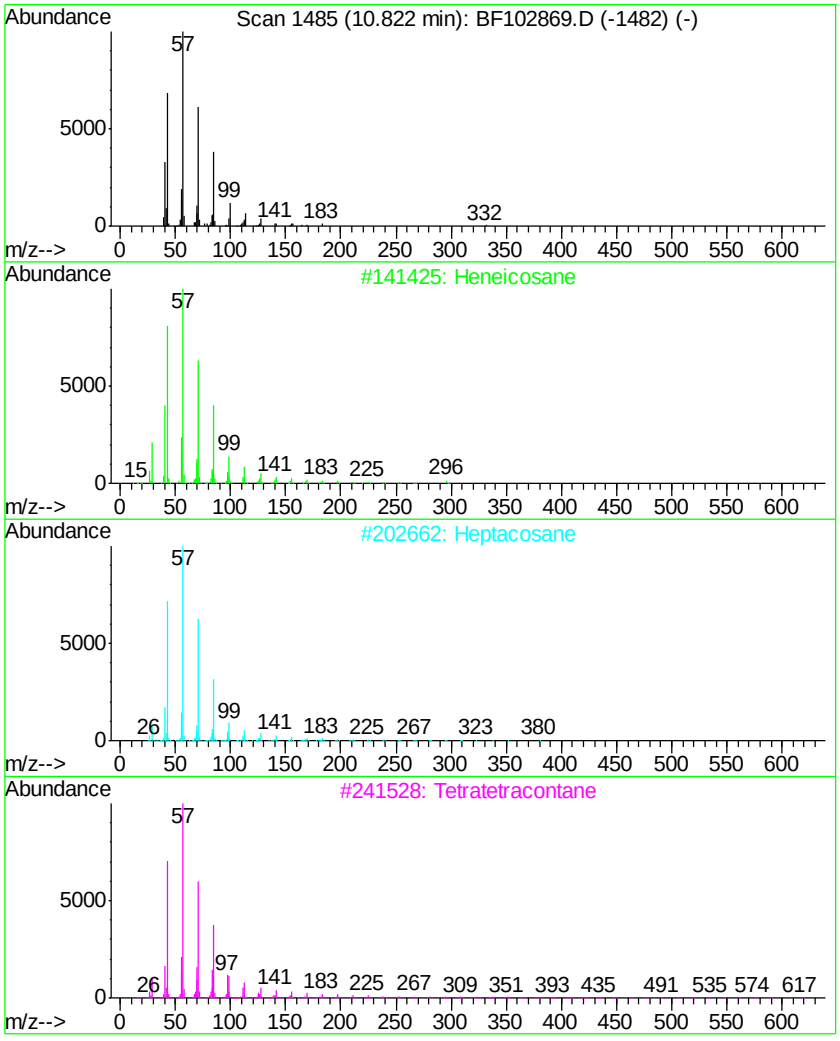
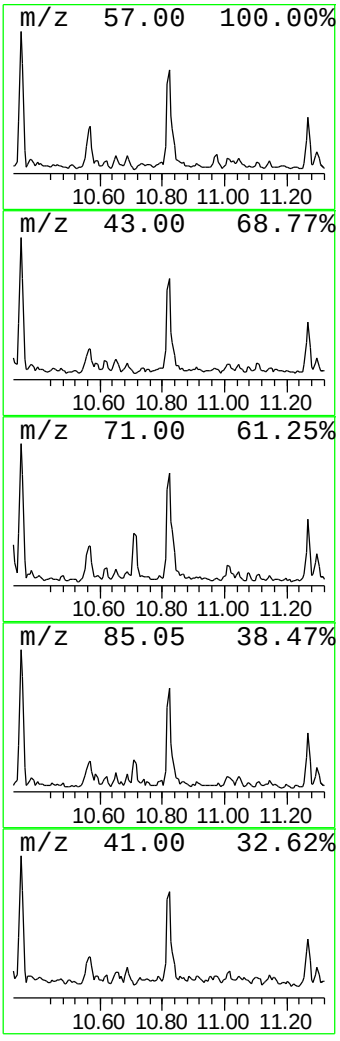
Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.60 ng	168777	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	86





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Instrument : BNA_F
ClientSampleId : 3N-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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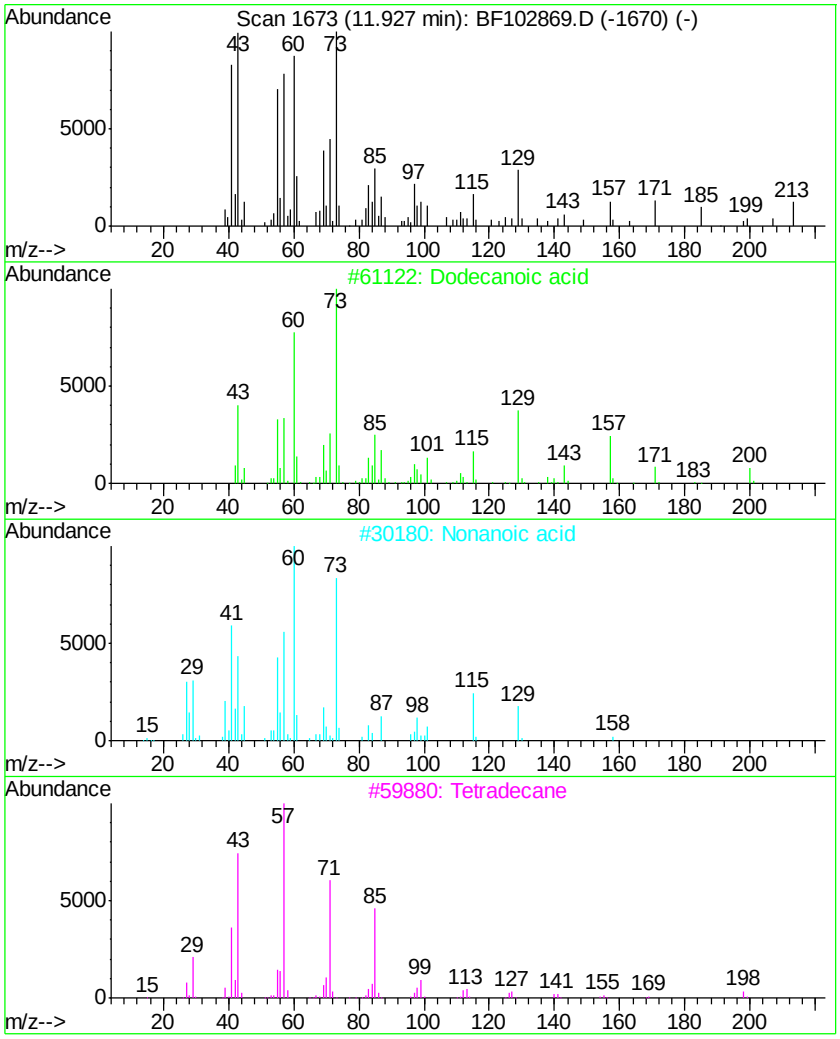
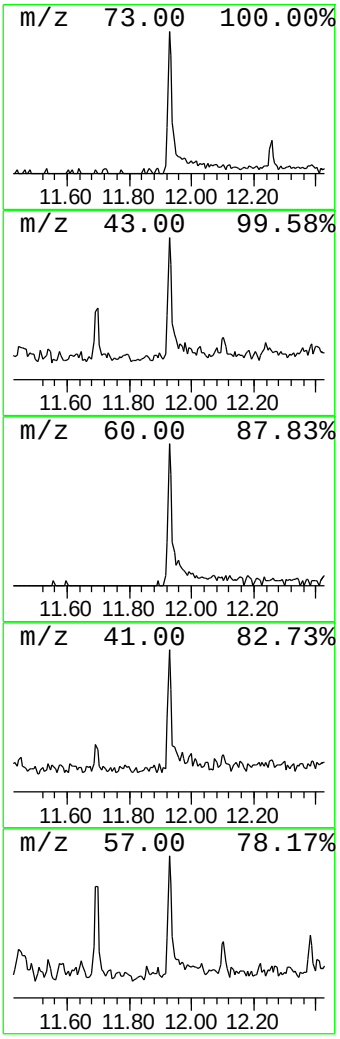
Peak Number 8 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.07 ng	143775	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	58
2	Nonanoic acid	158	C9H18O2	000112-05-0	43
3	Tetradecane	198	C14H30	000629-59-4	25
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	18
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	15





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TIC Library : C:\DATABASE\NIST11.L
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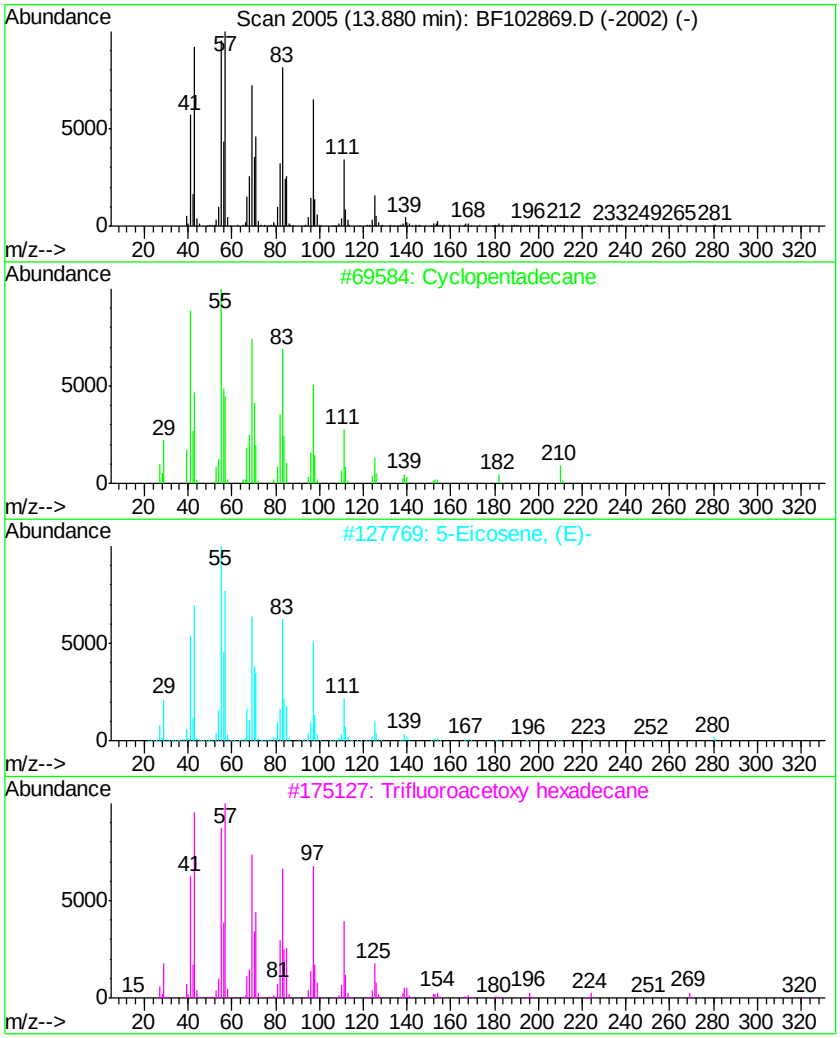
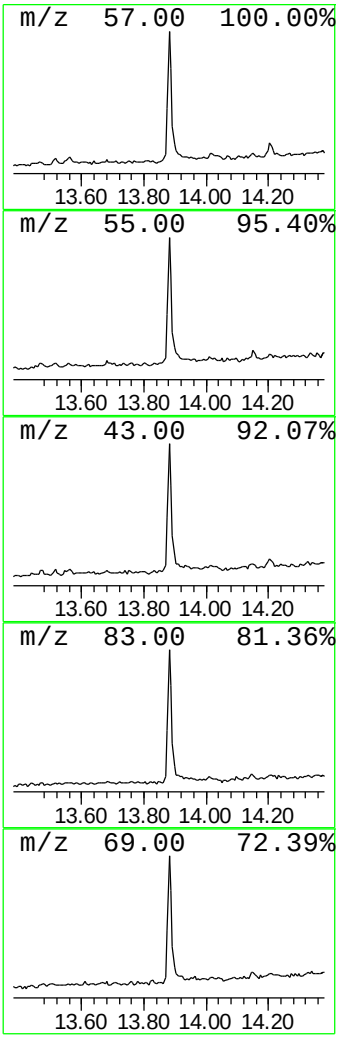
Peak Number 9 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.33 ng	654457	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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...	2.18	11.9	ng	657099	1	6.89	1107290	20.0
2-Pentanone, 4-hy...	5.12	2.9	ng	159802	1	6.89	1107290	20.0
unknown6.66	6.66	78.8	ng	4363240	1	6.89	1107290	20.0
Hexadecane	9.85	3.3	ng	195547	3	9.93	1202050	20.0
Heneicosane	10.82	3.6	ng	168777	4	11.42	937702	20.0
Dodecanoic acid	11.93	3.1	ng	143775	4	11.42	937702	20.0
Cyclopentadecane	13.88	14.3	ng	654457	5	14.06	913689	20.0