LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102319.D
Acq On : 23 Jan 2018 00:18
Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

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-BF012218.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	4.928	478	483	491	rVB	167458	242377	6.83%	0.870%
2	5.340	547	553	556	rBV	3216576	3321075	93.54%	11.918%
3	6.369	722	728	744	rBV	2857411	3550558	100.00%	12.742%
4	6.492	744	749	752	rBV	3561147	3423050	96.41%	12.284%
5	6.716	784	787	795	rBV	943280	811434	22.85%	2.912%
6	6.875	810	814	817	rBV	2803657	2427593	68.37%	8.712%
7	7.286	879	884	887	rBV	2181807	2087669	58.80%	7.492%
8	7.998	1001	1005	1015	rBV	1145541	1085791	30.58%	3.896%
9	9.080	1184	1189	1192	rBV	3004938	2793132	78.67%	10.023%
10	9.157	1198	1202	1204	rBV	52087	42382	1.19%	0.152%
11	9.475	1251	1256	1258	rBV	410106	359144	10.12%	1.289%
12	9.686	1288	1292	1295	rVB	161059	138030	3.89%	0.495%
13	9.757	1300	1304	1308	rVB	1195937	1062019	29.91%	3.811%
14	10.004	1343	1346	1350	rBV3	38639	36002	1.01%	0.129%
15	10.180	1373	1376	1380	rVB	175858	150427	4.24%	0.540%
16	10.404	1408	1414	1416	rBV	49200	61512	1.73%	0.221%
17	10.545	1434	1438	1445	rVB	1833522	1680658	47.34%	6.031%
18	10.657	1454	1457	1461	rBV	153246	146816	4.14%	0.527%
19	11.104	1530	1533	1536	rBV	62109	53880	1.52%	0.193%
20	11.239	1552	1556	1559	rBV	993985	830684	23.40%	2.981%
21	12.827	1821	1826	1829	rBV	1851217	1791655	50.46%	6.430%
22	13.715	1974	1977	1988	rVB	254879	252473	7.11%	0.906%
23	13.880	2001	2005	2008	rBV	748369	726978	20.48%	2.609%
24	14.351	2081	2085	2091	rBV3	143279	199980	5.63%	0.718%
25	15.304	2243	2247	2255	rVB	491717	590611	16.63%	2.119%

Sum of corrected areas: 27865930

LSC Report - Integrated Chromatogram

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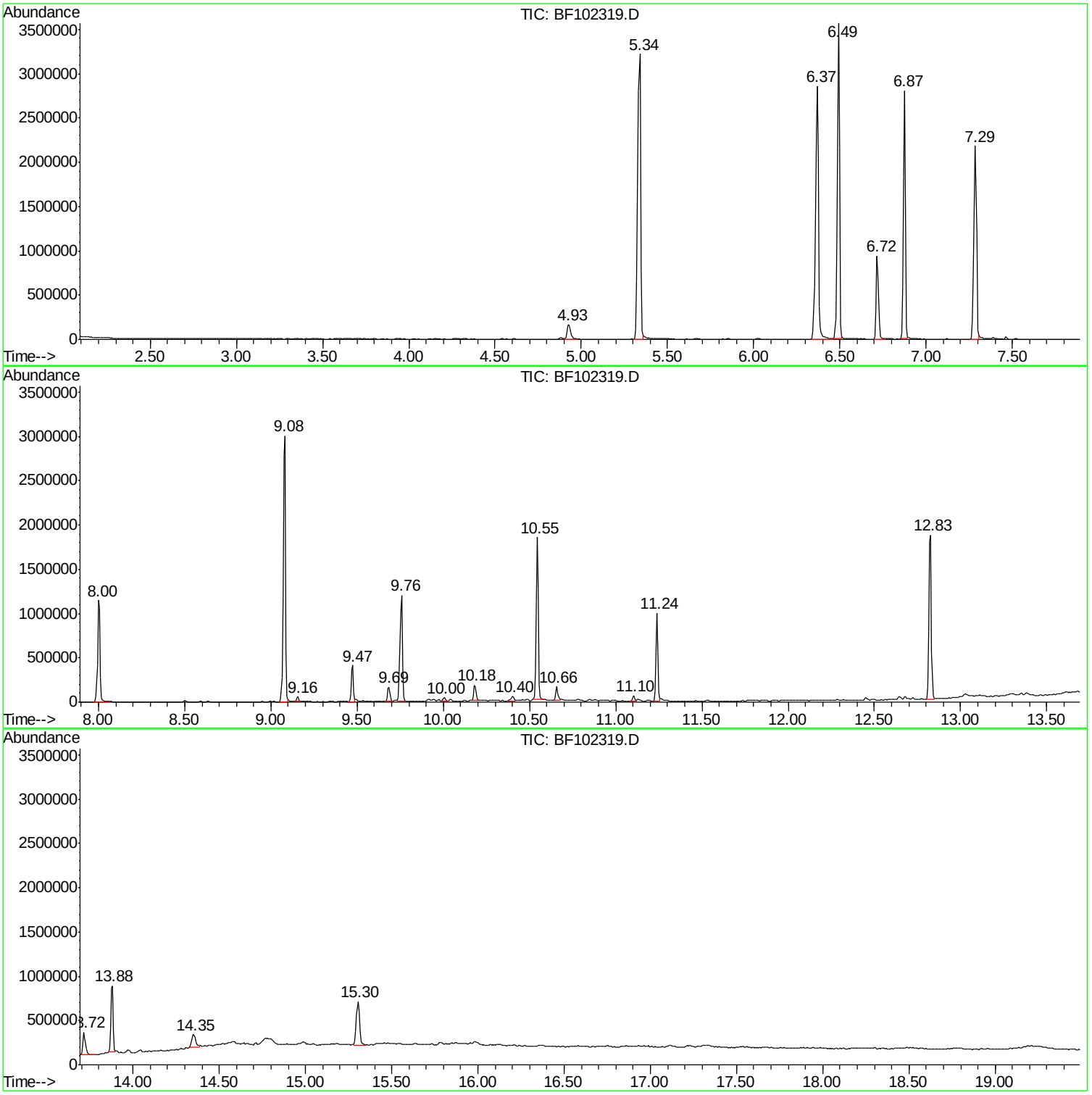
Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012218\
Data File : BF102319.D
Acq On : 23 Jan 2018 00:18
Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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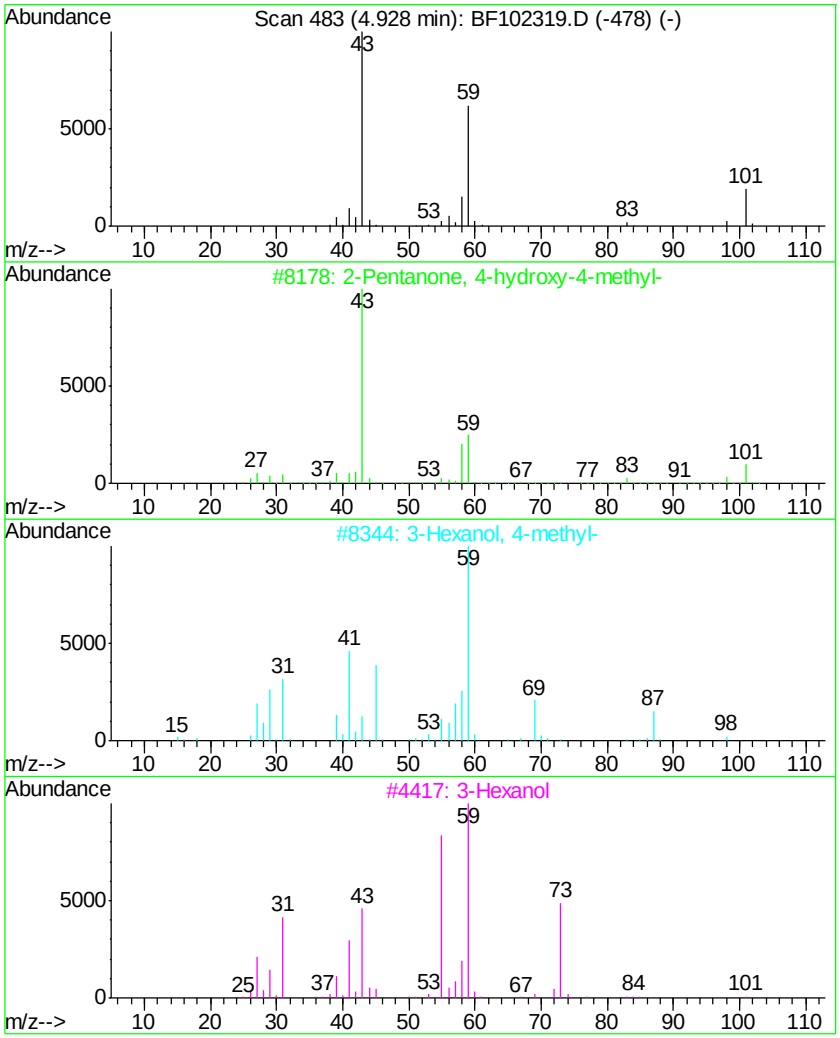
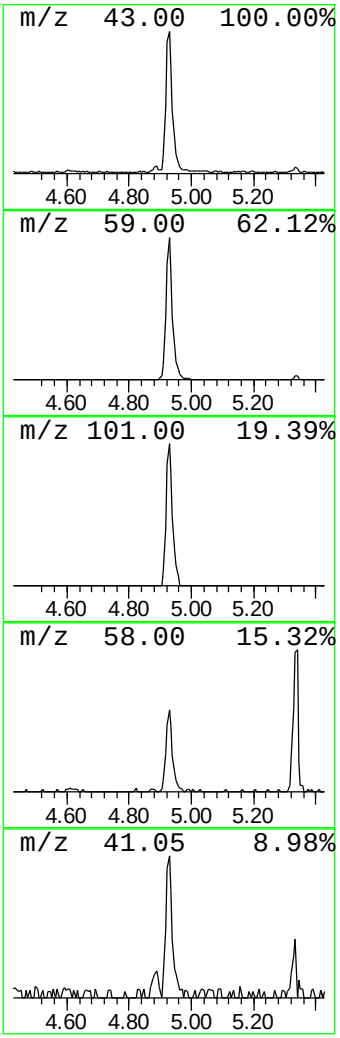
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	5.97 ng	242377	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Data File : BF102319.D
Acq On : 23 Jan 2018 00:18
Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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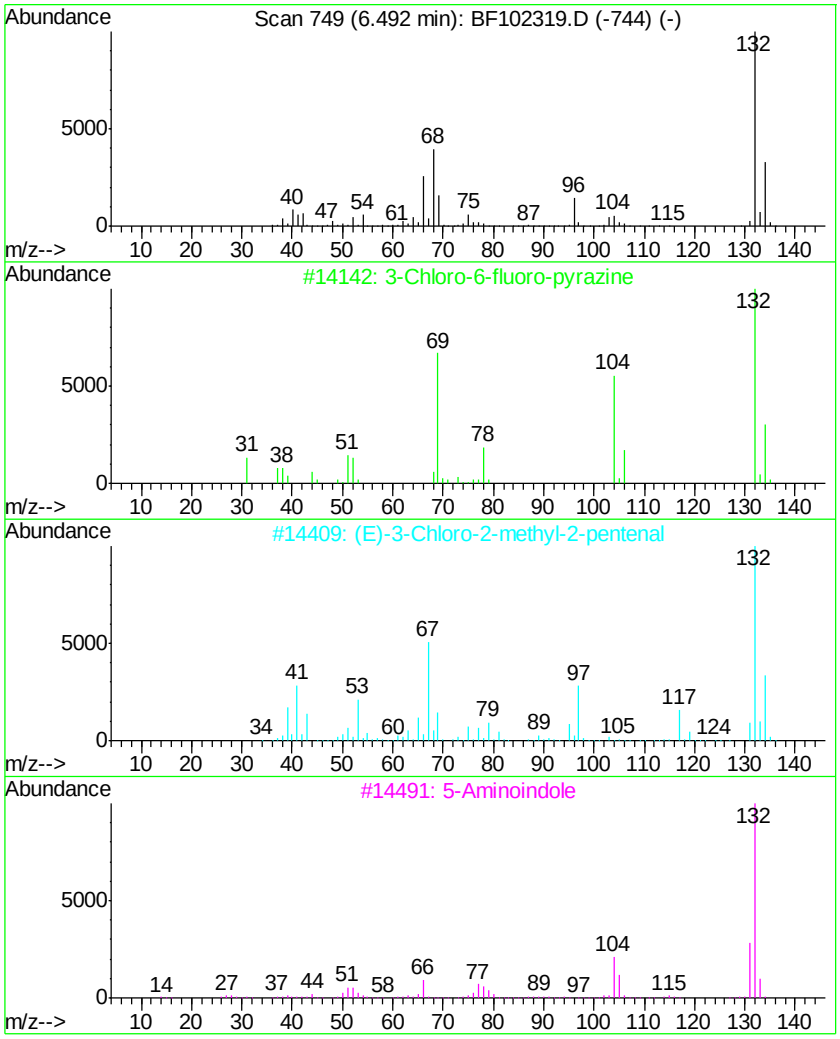
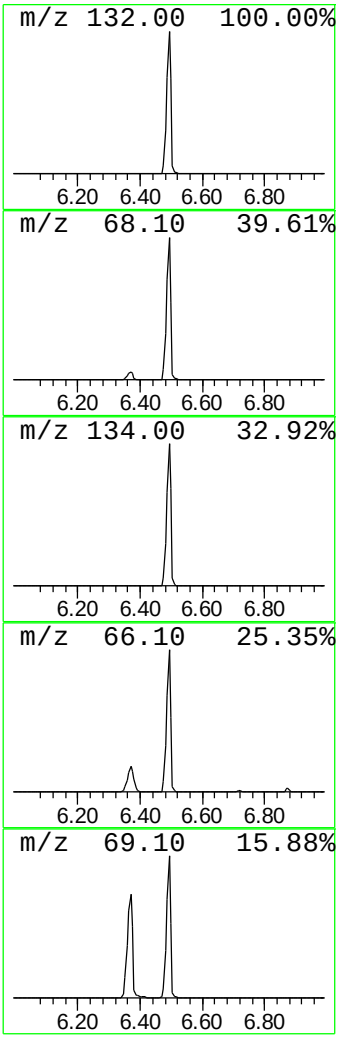
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	84.37 ng	3423050	1,4-Dichlorobenzene-d4	6.72

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102319.D
Acq On : 23 Jan 2018 00:18
Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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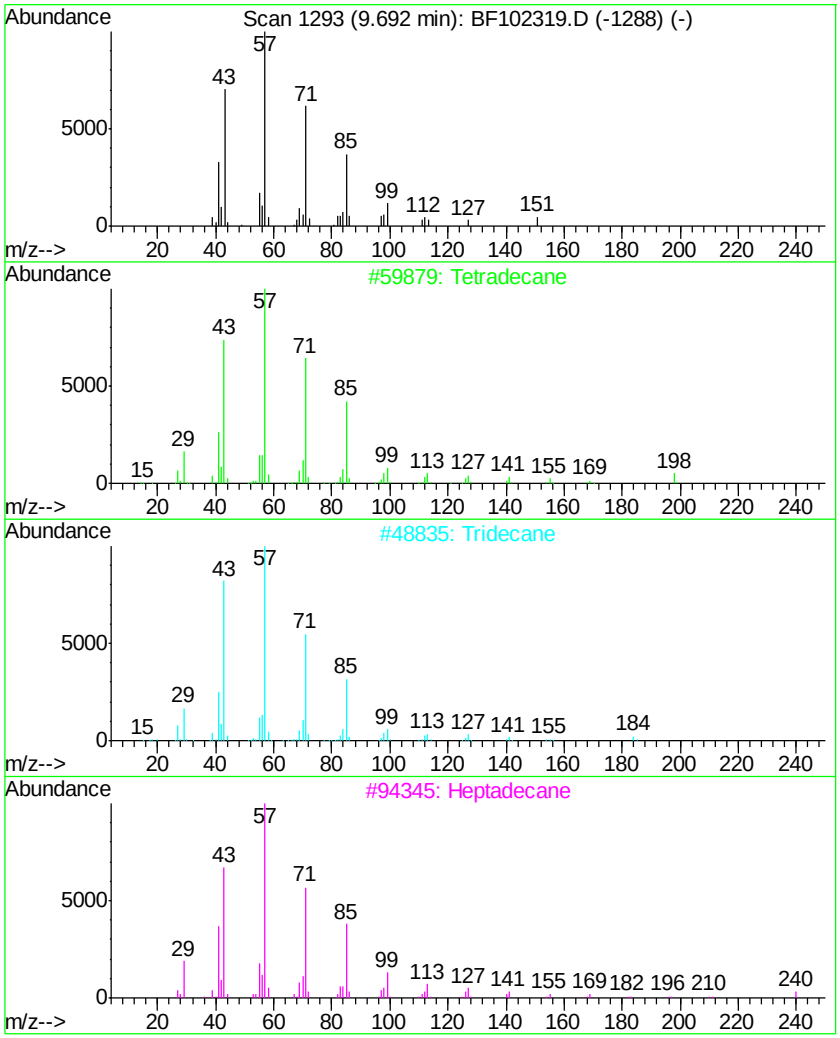
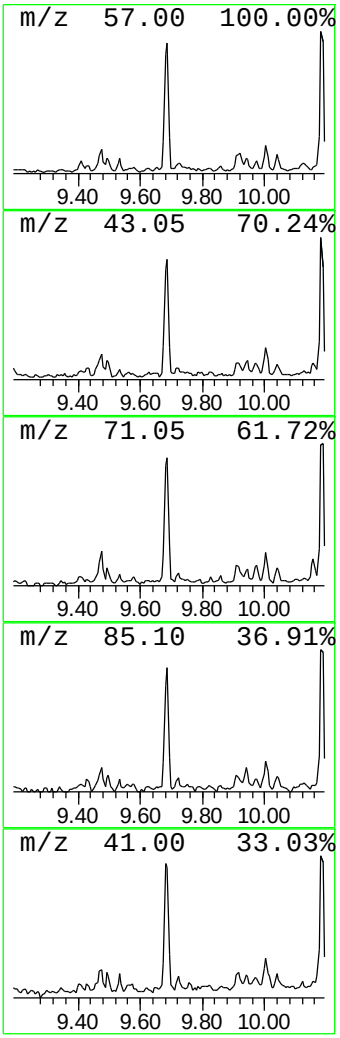
Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.60 ng	138030	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102319.D
Acq On : 23 Jan 2018 00:18
Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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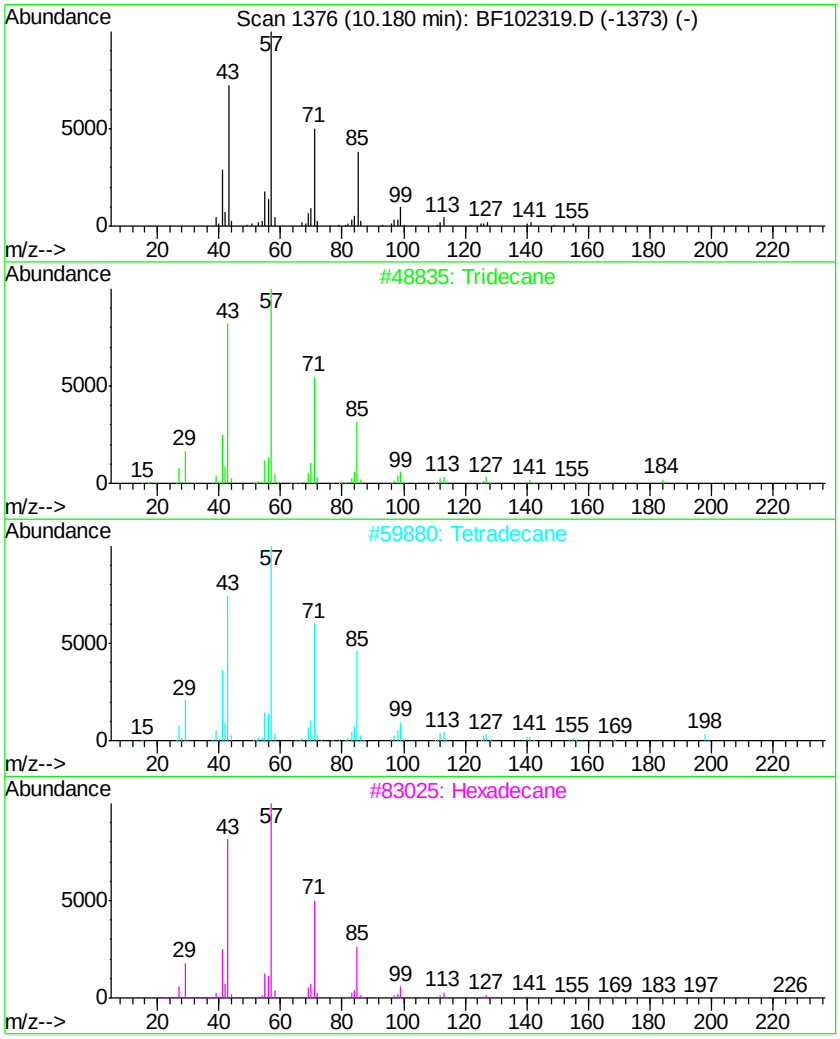
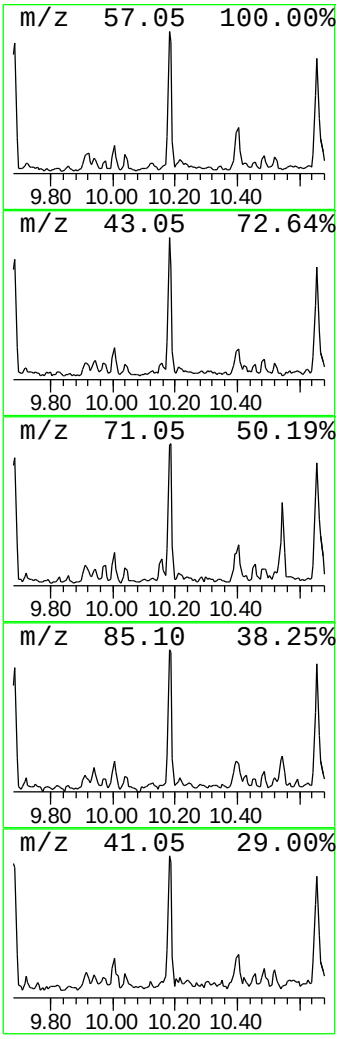
Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.83 ng	150427	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102319.D
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Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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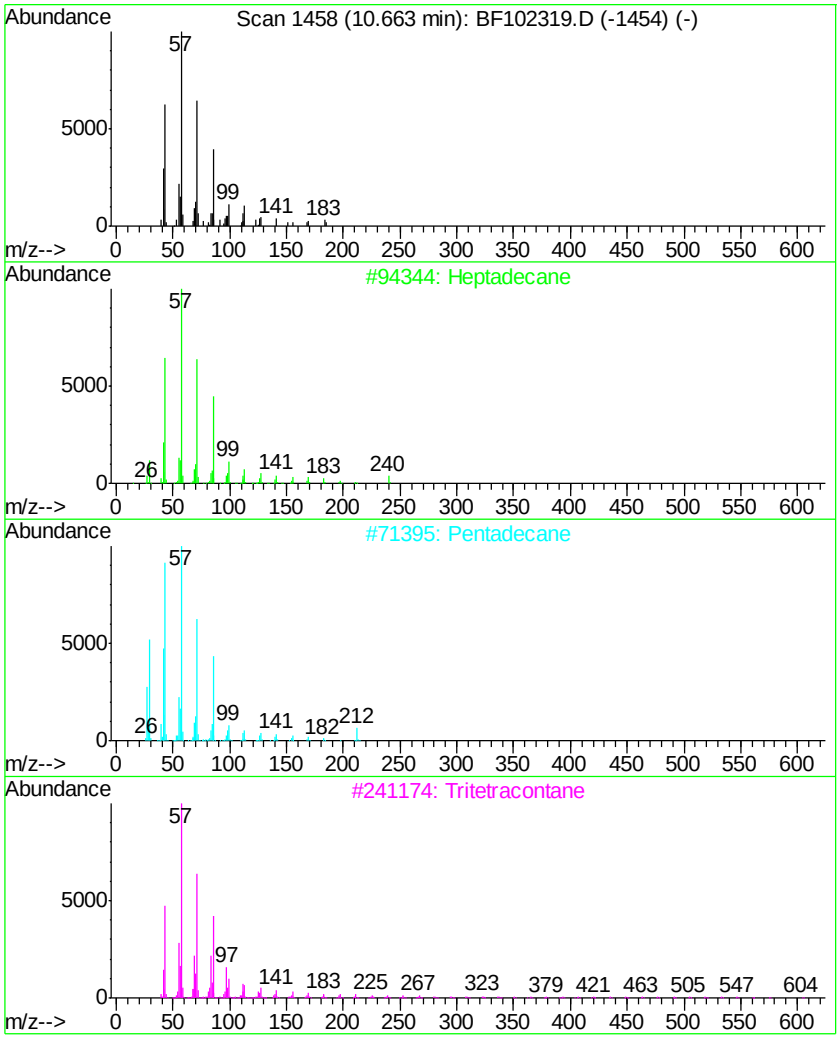
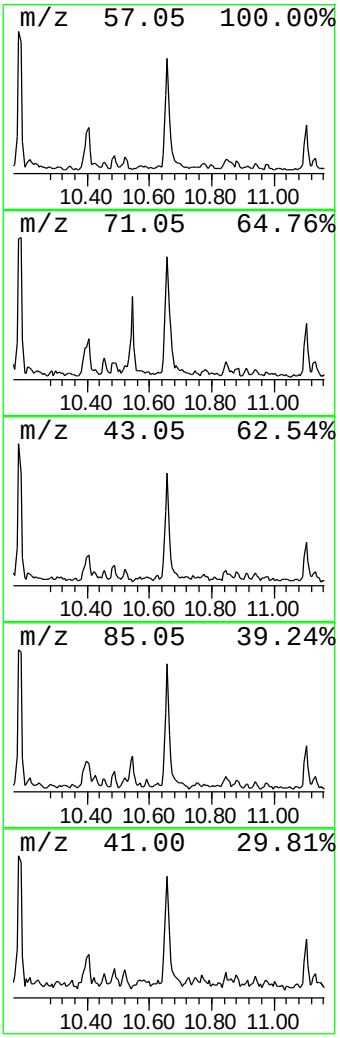
Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.53 ng	146816	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : SJ/JU
Sample : J1238-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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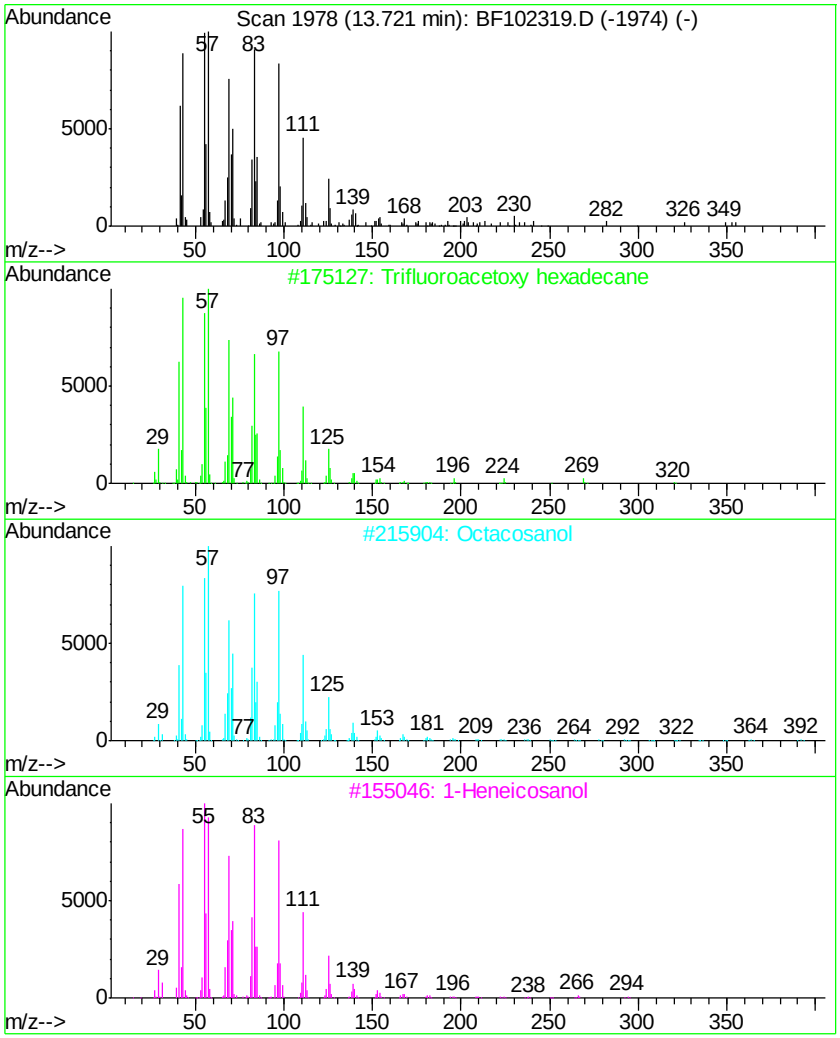
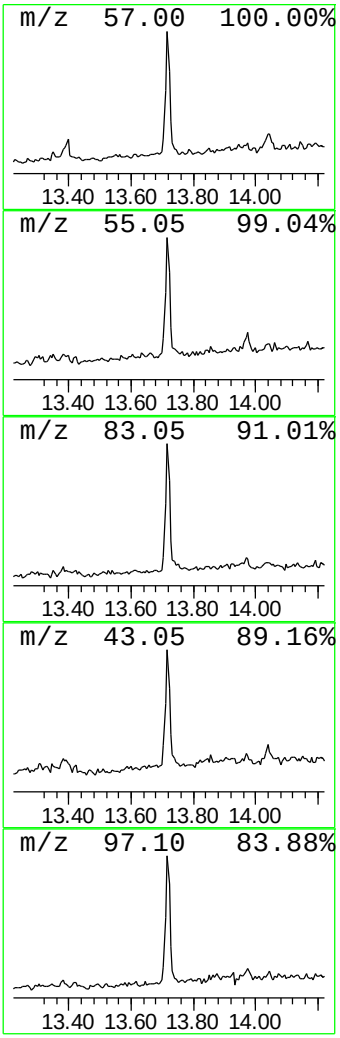
Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.95 ng	252473	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Octacosanol	410	C28H58O	000557-61-9	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-06-9.5-10.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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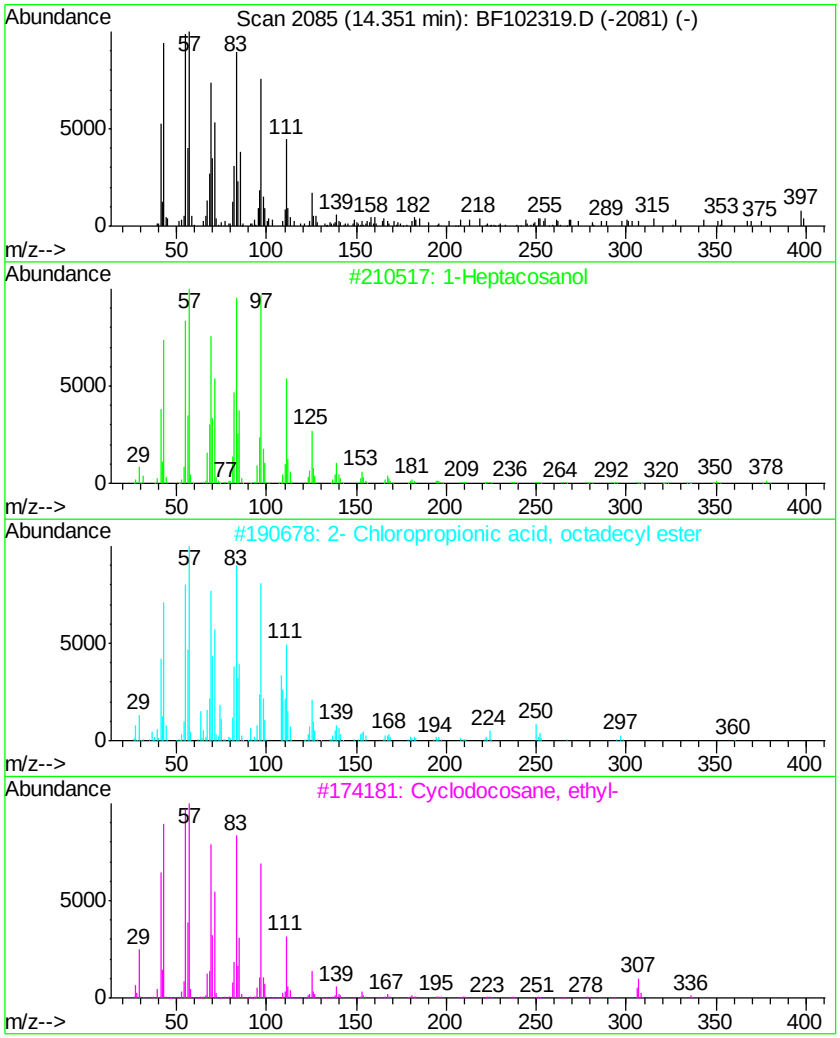
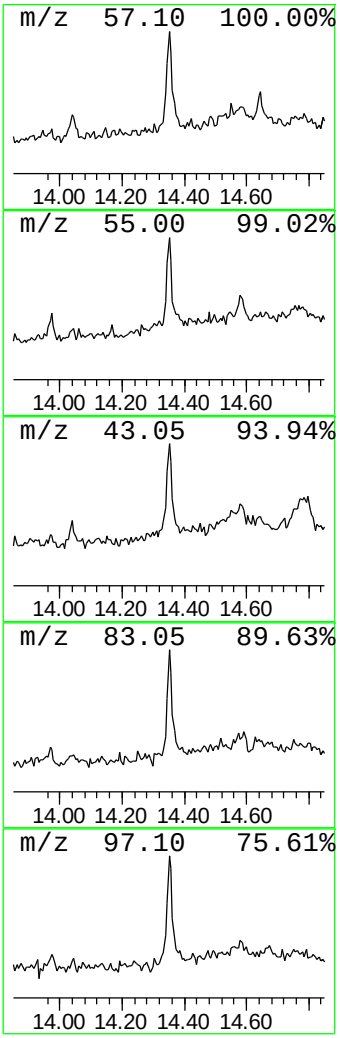
Peak Number 8 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	5.50 ng	199980	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	6.0	ng	242377	1	6.72	811434	20.0
unknown6.49	6.49	84.4	ng	3423050	1	6.72	811434	20.0
Tetradecane	9.69	2.6	ng	138030	3	9.76	1062020	20.0
Tridecane	10.18	2.8	ng	150427	3	9.76	1062020	20.0
Heptadecane	10.66	3.5	ng	146816	4	11.24	830684	20.0
Trifluoroacetoxy ...	13.72	7.0	ng	252473	5	13.88	726978	20.0
1-Heptacosanol	14.35	5.5	ng	199980	5	13.88	726978	20.0