LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113608.D
Acq On : 5 Apr 2019 3:17
Operator : JU/SJ
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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	5.304	543	547	570	rBV	2415260	2696972	86.73%	10.761%
2	6.339	718	723	739	rBV2	2871633	3109707	100.00%	12.407%
3	6.457	739	743	760	rVB	2717633	2818603	90.64%	11.246%
4	6.686	778	782	792	rBV	702673	634668	20.41%	2.532%
5	6.839	804	808	825	rVB	2223568	2148872	69.10%	8.574%
6	7.251	874	878	890	rBV	1475458	1372269	44.13%	5.475%
7	7.969	996	1000	1018	rBV	827601	766354	24.64%	3.058%
8	9.039	1178	1182	1186	rBV	2958096	2855569	91.83%	11.393%
9	9.433	1246	1249	1259	rBV	295038	260244	8.37%	1.038%
10	9.716	1293	1297	1310	rVB	908710	782382	25.16%	3.122%
11	10.504	1427	1431	1449	rBV	1707827	1695329	54.52%	6.764%
12	11.198	1545	1549	1558	rBV	862111	784280	25.22%	3.129%
13	11.733	1637	1640	1650	rBV	308607	372251	11.97%	1.485%
14	12.515	1770	1773	1779	rBV	105185	152637	4.91%	0.609%
15	12.633	1790	1793	1796	rBV	40666	39517	1.27%	0.158%
16	12.774	1813	1817	1820	rBV	2656361	2624132	84.39%	10.470%
17	12.798	1820	1821	1824	rVB	66529	54158	1.74%	0.216%
18	13.827	1993	1996	1999	rVB	623948	536576	17.25%	2.141%
19	13.992	2022	2024	2027	rBV	98488	99347	3.19%	0.396%
20	14.298	2073	2076	2078	rBV	131083	127423	4.10%	0.508%
21	14.586	2123	2125	2131	rVB	220325	217954	7.01%	0.870%
22	14.898	2175	2178	2184	rVB	226631	256043	8.23%	1.022%
23	15.239	2231	2236	2242	rBV2	412816	657928	21.16%	2.625%

Sum of corrected areas: 25063215

LSC Report - Integrated Chromatogram

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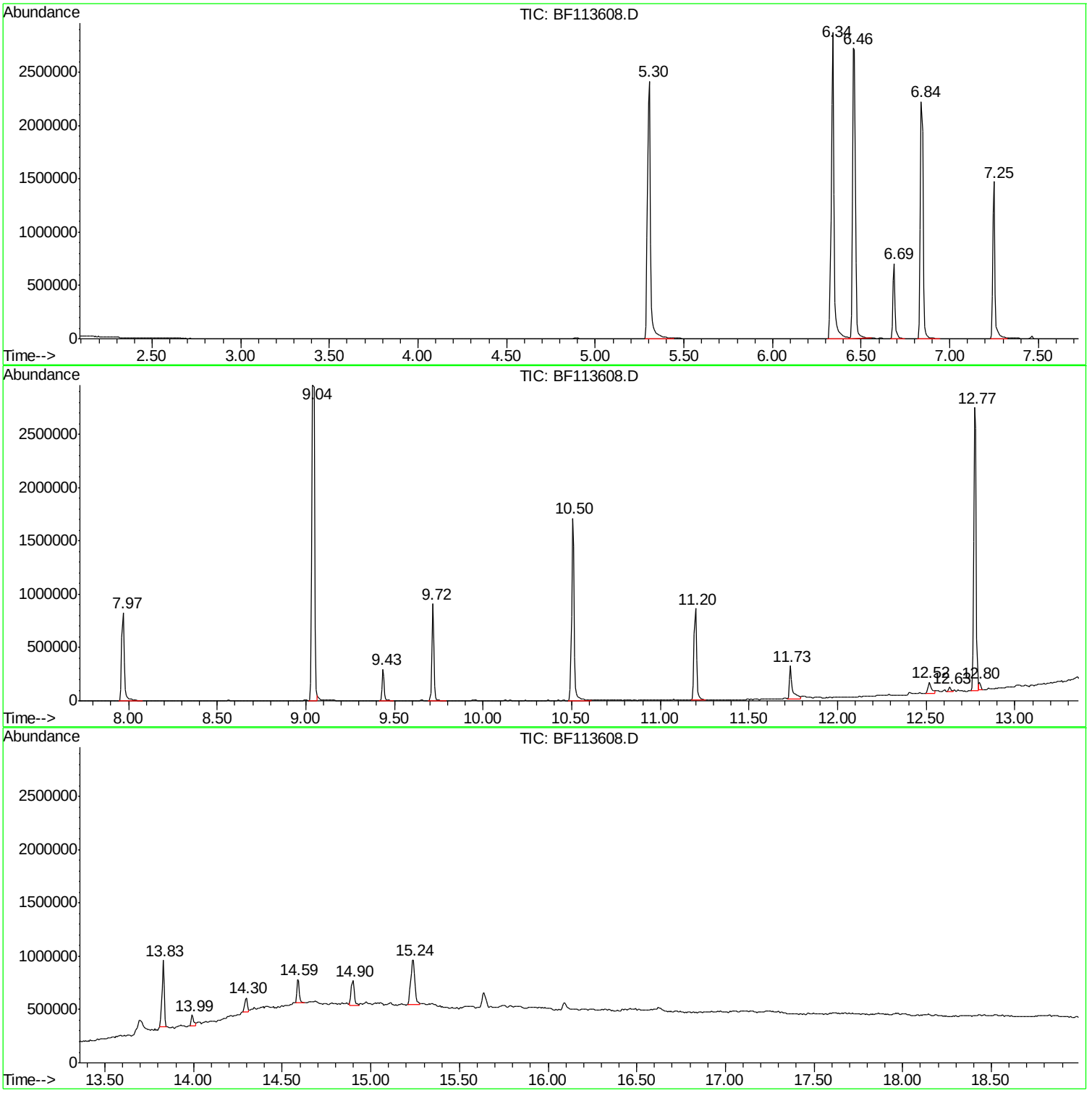
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113608.D
Acq On : 5 Apr 2019 3:17
Operator : JU/SJ
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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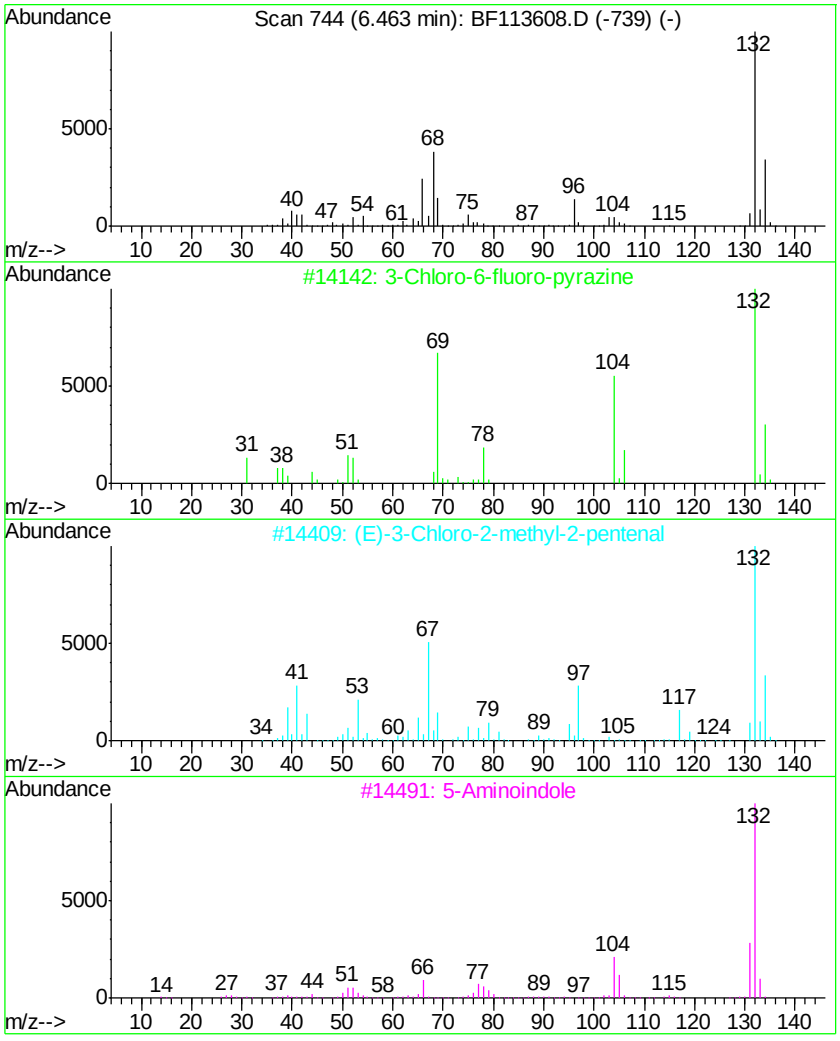
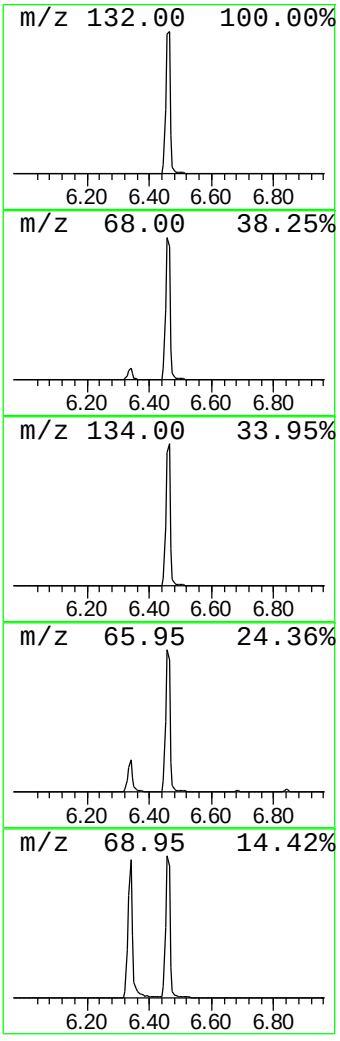
Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	88.82 ng	2818600	1,4-Dichlorobenzene-d4	6.69

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	Amphetaminil	250	C17H18N2	017590-01-1	10





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Data File : BF113608.D
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Operator : JU/SJ
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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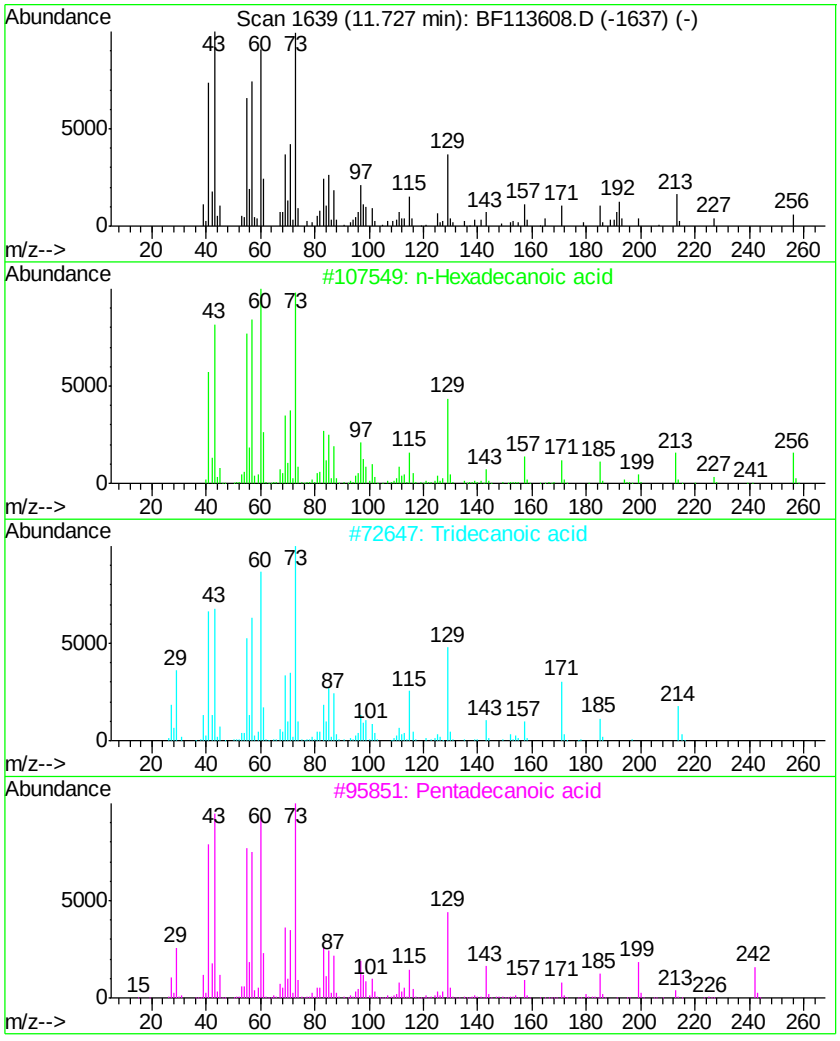
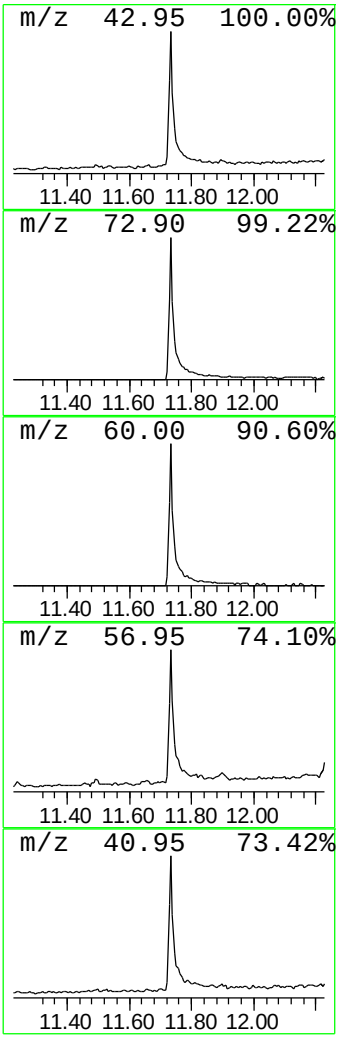
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	9.49 ng	372251	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113608.D
Acq On : 5 Apr 2019 3:17
Operator : JU/SJ
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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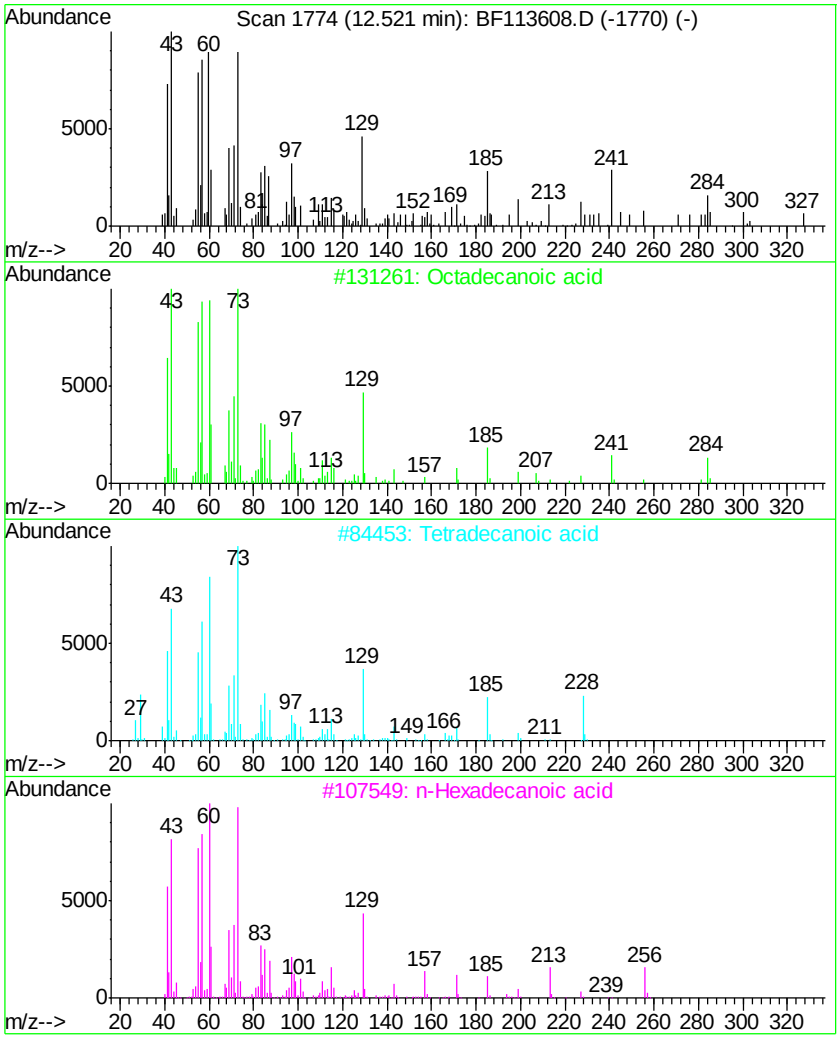
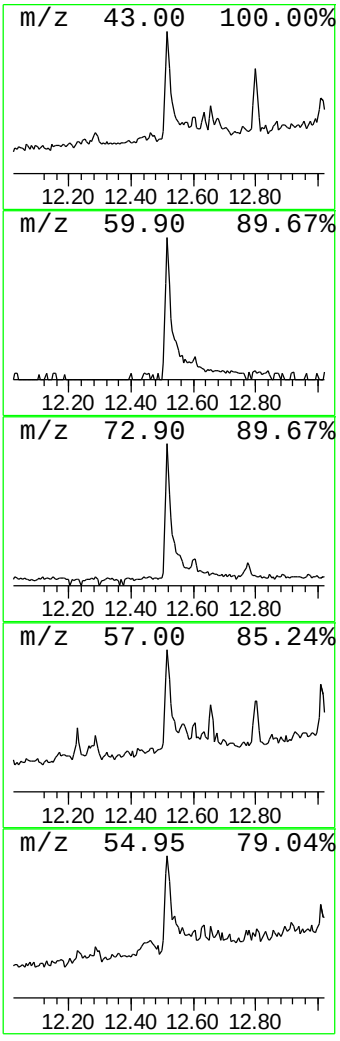
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	5.69 ng	152637	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BF113608.D
Acq On : 5 Apr 2019 3:17
Operator : JU/SJ
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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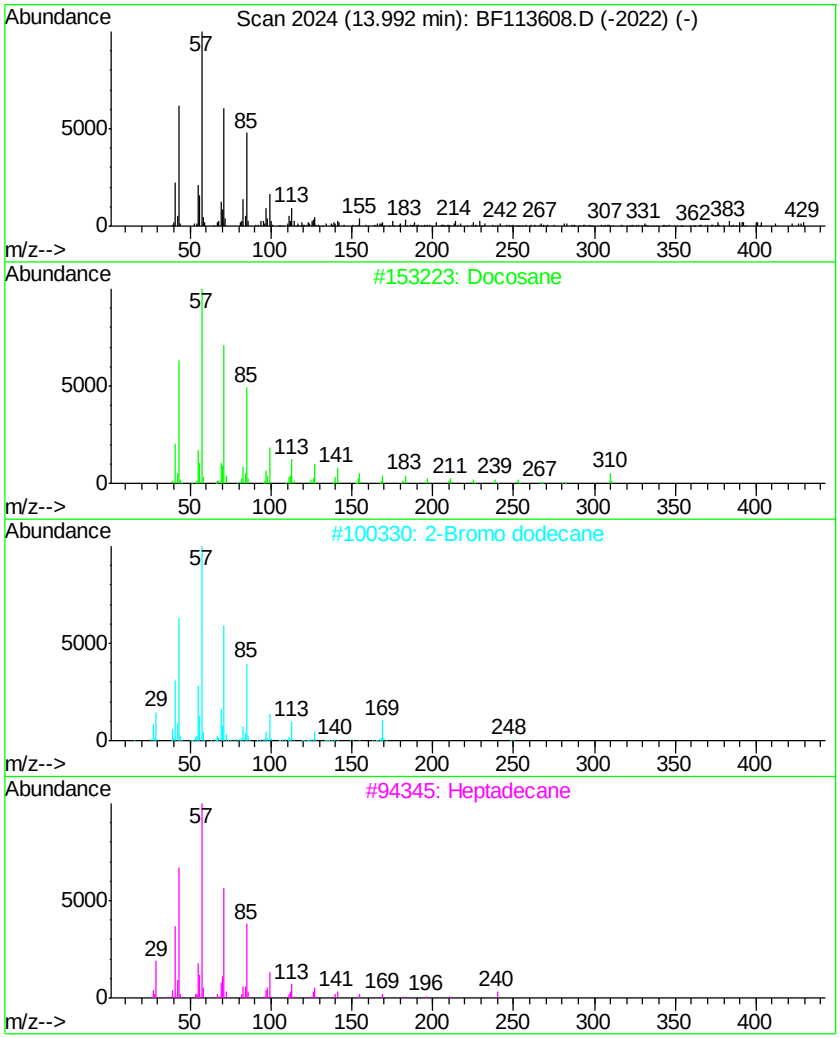
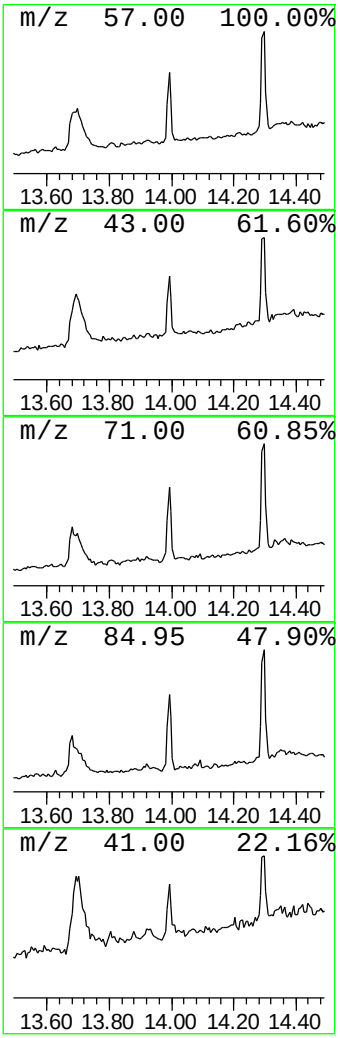
Peak Number 5 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.70 ng	99347	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Heptadecane	240	C17H36	000629-78-7	81
4	Triacontane	422	C30H62	000638-68-6	81
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74





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Sample : K2221-01
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Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
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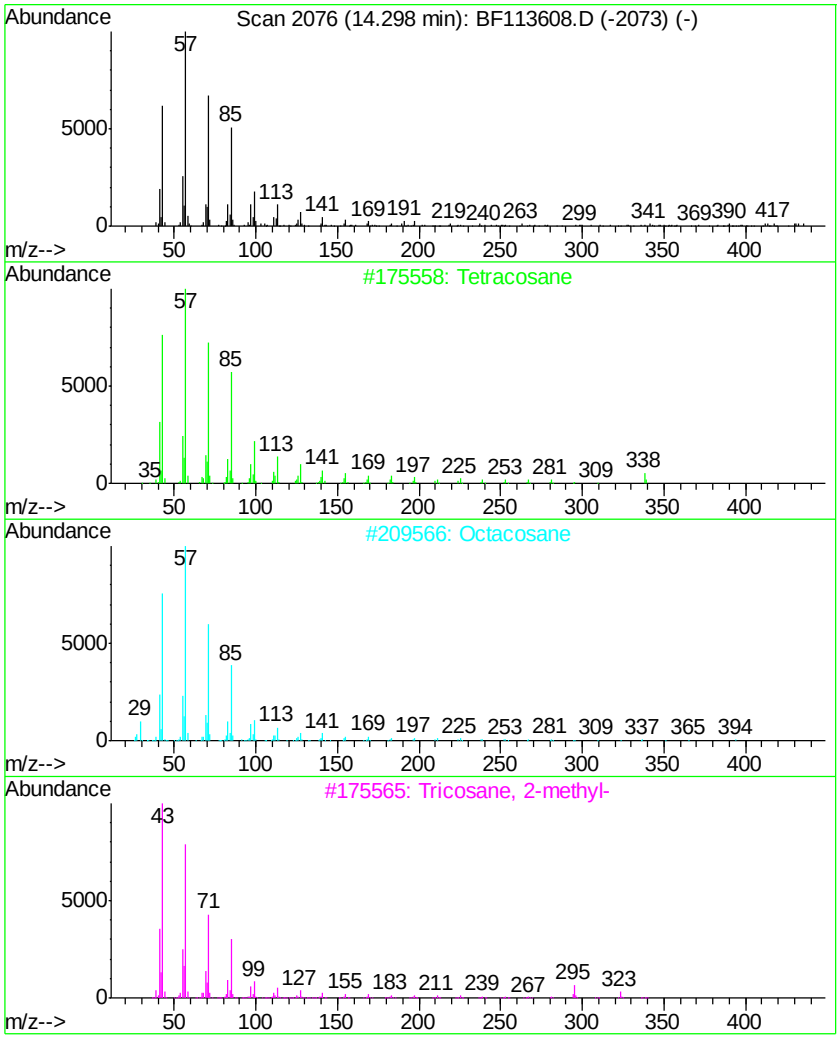
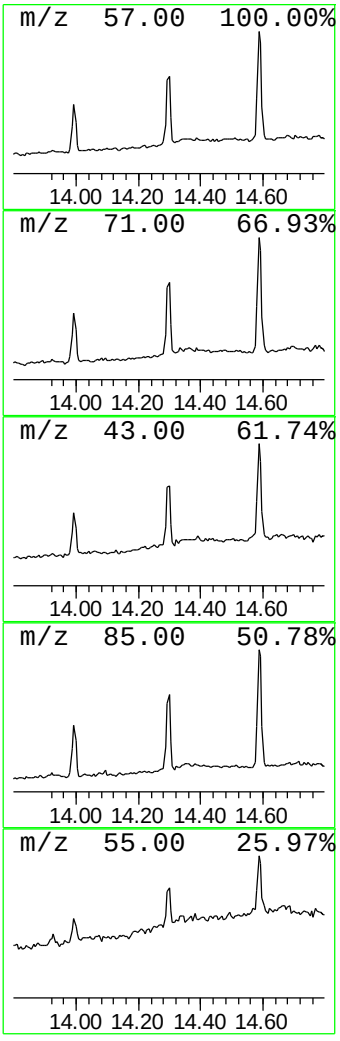
Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	4.75 ng	127423	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Octacosane	394	C28H58	000630-02-4	95
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Heptadecane	240	C17H36	000629-78-7	74





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Misc :
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Instrument : BNA_F
ClientSampleId : S10B(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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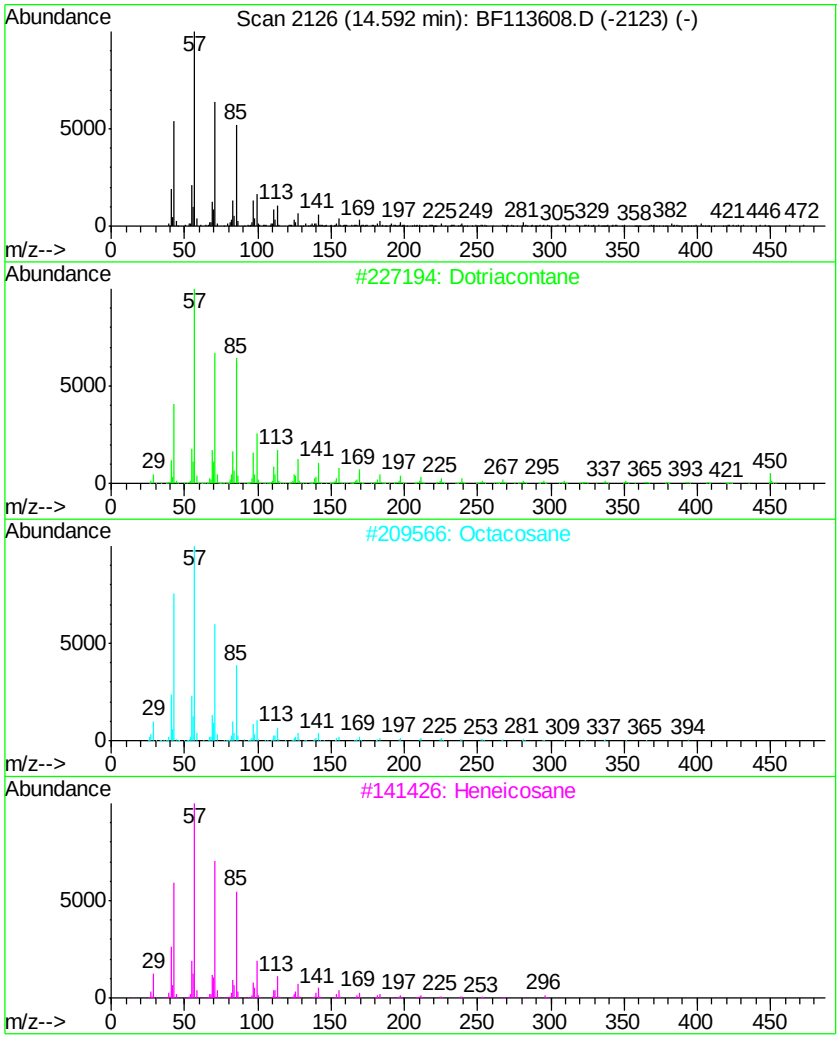
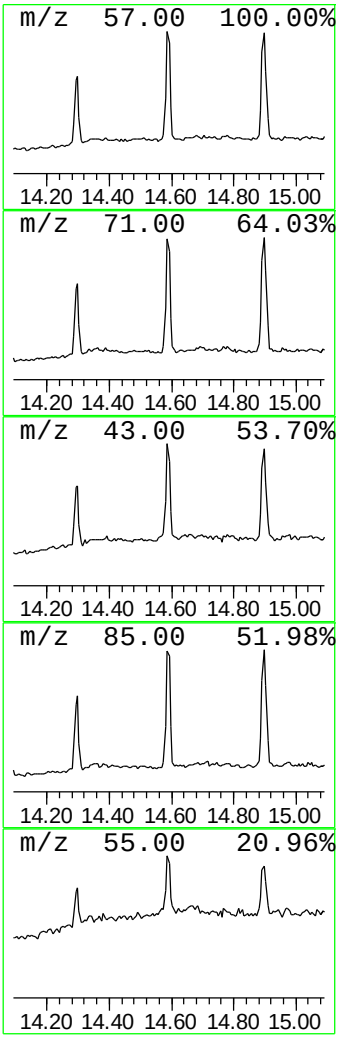
Peak Number 7 Dotriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.63 ng	217954	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	94
2	Octacosane	394	C28H58	000630-02-4	76
3	Heneicosane	296	C21H44	000629-94-7	72
4	Triacontane	422	C30H62	000638-68-6	64
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	64





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Misc :
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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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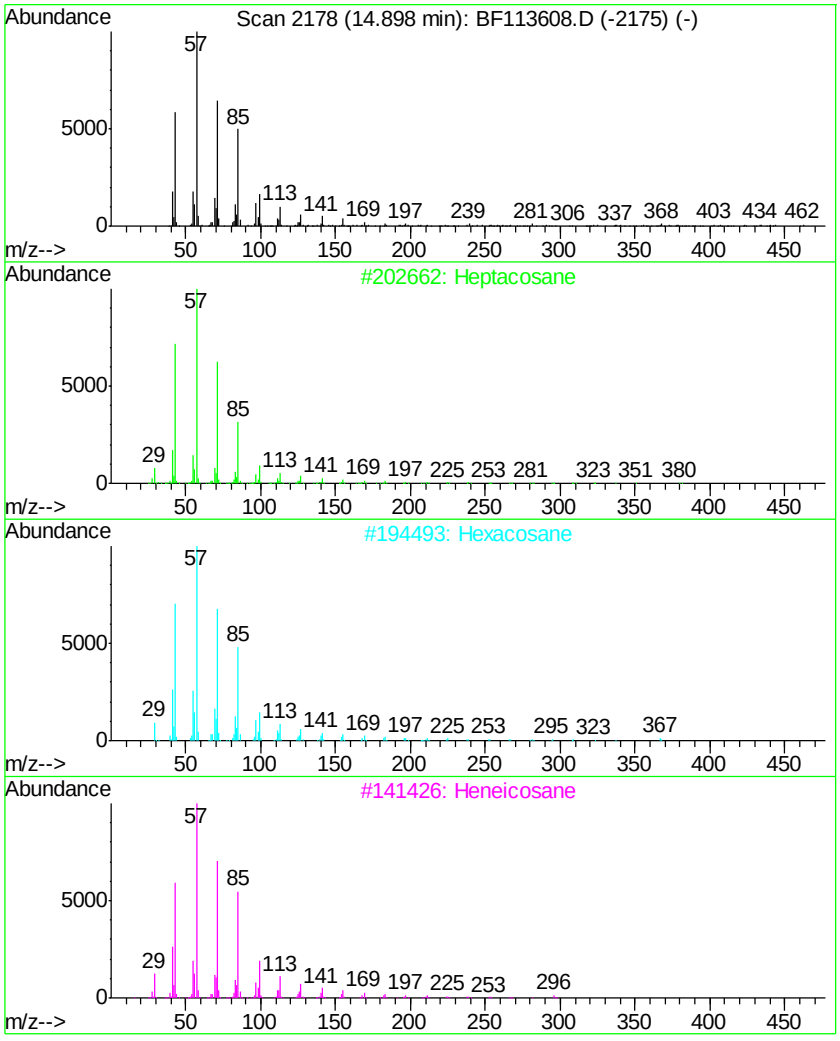
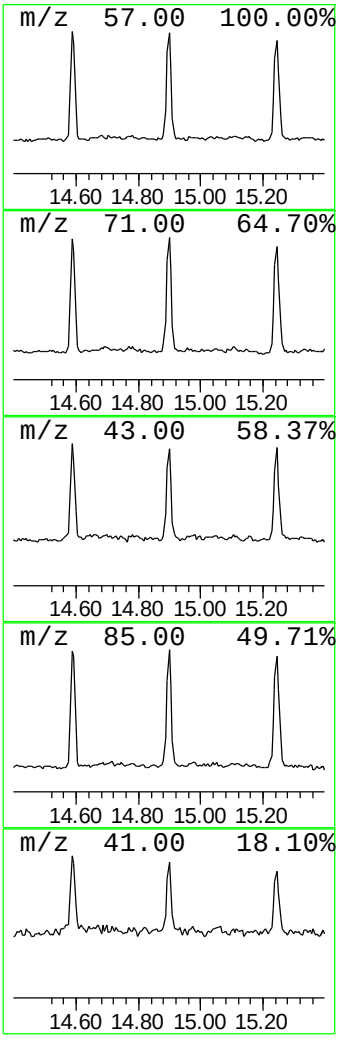
Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	7.78 ng	256043	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	89
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	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
unknown6.46	6.46	88.8	ng	2818600	1	6.69	634668	20.0
n-Hexadecanoic acid	11.73	9.5	ng	372251	4	11.20	784280	20.0
Octadecanoic acid	12.52	5.7	ng	152637	5	13.83	536576	20.0
Docosane	13.99	3.7	ng	99347	5	13.83	536576	20.0
Tetracosane	14.30	4.8	ng	127423	5	13.83	536576	20.0
Dotriacontane	14.59	6.6	ng	217954	6	15.23	657928	20.0
Heptacosane	14.90	7.8	ng	256043	6	15.23	657928	20.0