LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
Data File : BF121687.D
Acq On : 24 Sep 2020 17:52
Operator : JU/CG
Sample : L4133-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1S

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-BF091020.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	4.522	408	414	419	rBV	1590831	1811971	27.61%	5.674%
2	5.428	564	568	589	rBV	2072884	2059430	31.38%	6.449%
3	6.439	736	740	751	rBV	1398478	1323374	20.16%	4.144%
4	6.804	799	802	806	rBV	967258	857571	13.07%	2.685%
5	7.375	893	899	902	rBV	2903411	2882981	43.92%	9.028%
6	8.092	1017	1021	1039	rBV	1173864	1146376	17.47%	3.590%
7	9.169	1199	1204	1207	rBV	4876576	4663595	71.05%	14.604%
8	9.286	1219	1224	1233	rVB3	54647	91335	1.39%	0.286%
9	9.845	1315	1319	1329	rVB	1545265	1356570	20.67%	4.248%
10	10.639	1449	1454	1464	rBV	3514075	3542023	53.96%	11.092%
11	11.327	1567	1571	1579	rBV	1523731	1459429	22.23%	4.570%
12	11.868	1658	1663	1683	rBV	401369	529296	8.06%	1.658%
13	12.651	1792	1796	1808	rBV	371388	463683	7.06%	1.452%
14	12.921	1836	1842	1845	rBV	5753408	6563845	100.00%	20.555%
15	13.845	1995	1999	2013	rVB2	118797	298910	4.55%	0.936%
16	13.968	2014	2020	2031	rVB	1664525	1536765	23.41%	4.812%
17	15.415	2260	2266	2280	rVB	949675	1346232	20.51%	4.216%

Sum of corrected areas: 31933386

LSC Report - Integrated Chromatogram

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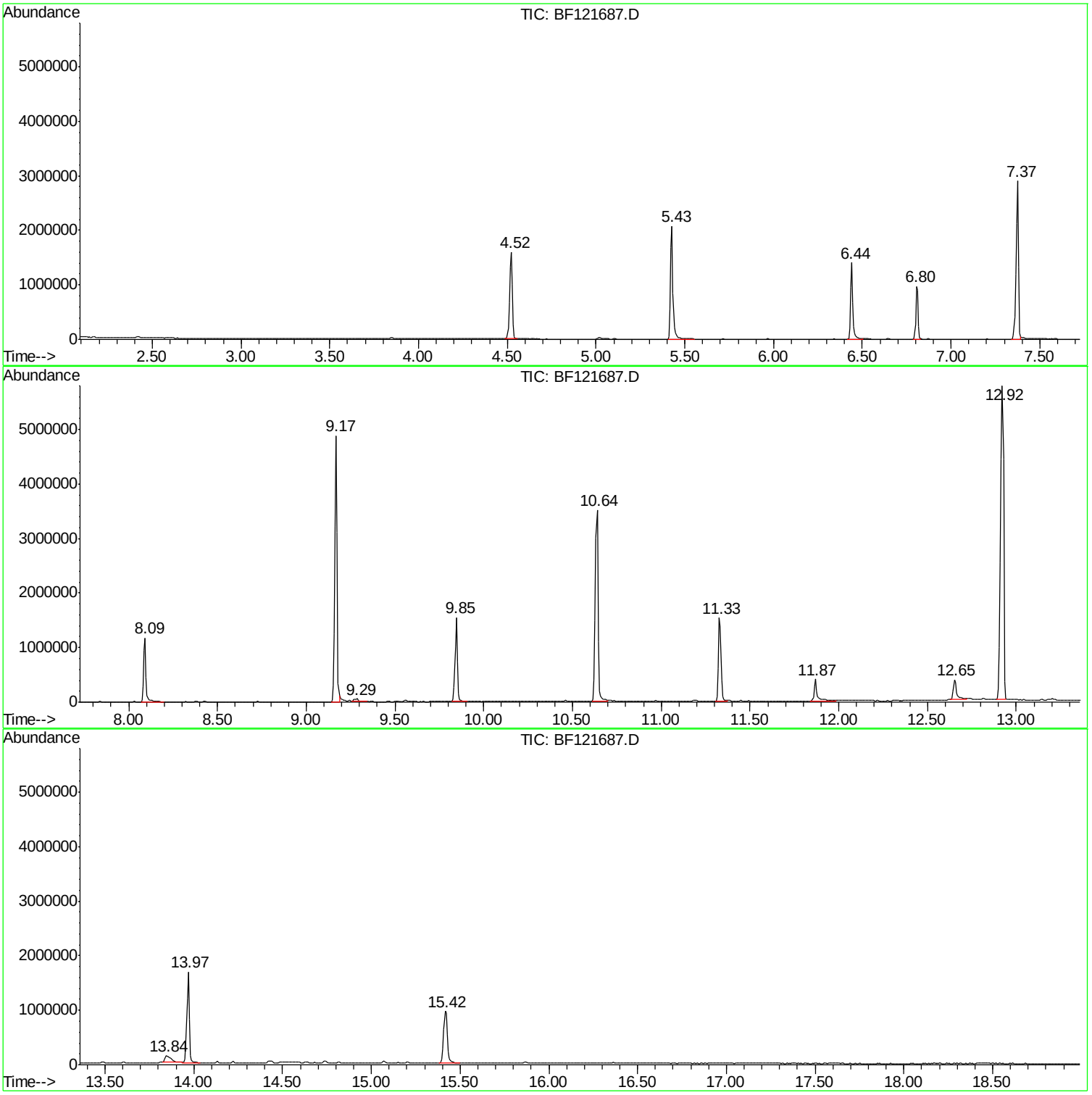
Sample : L4133-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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

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Operator : JU/CG
Sample : L4133-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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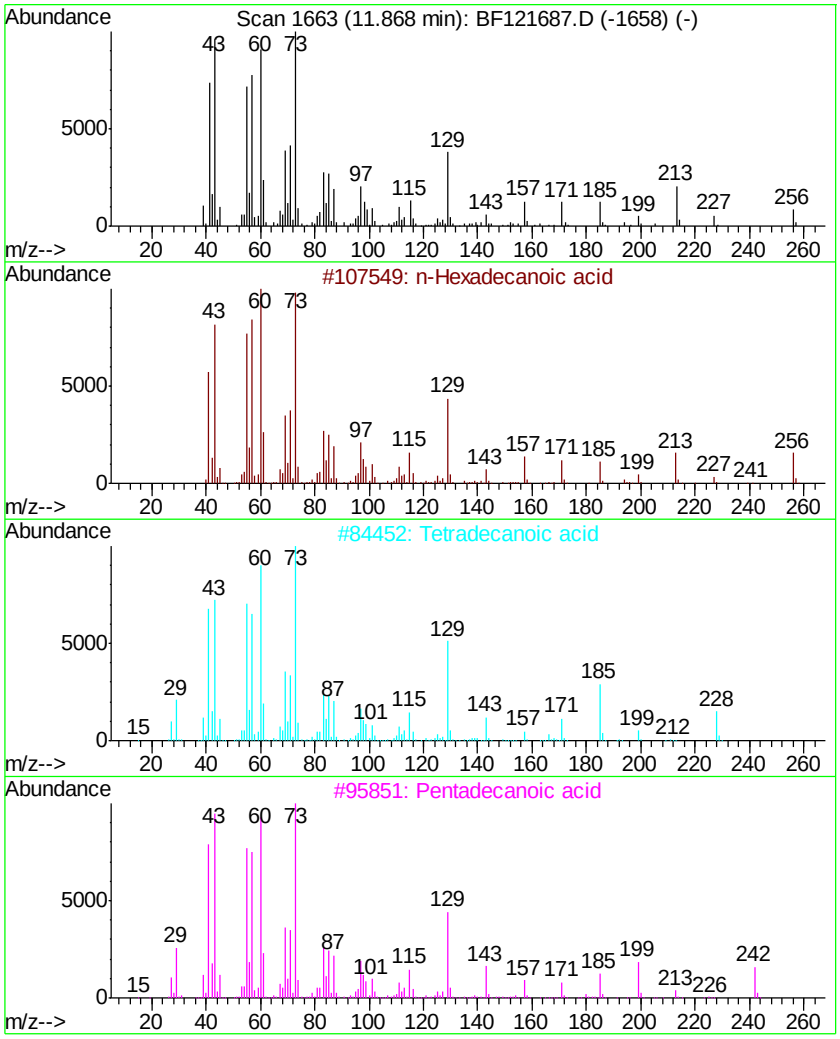
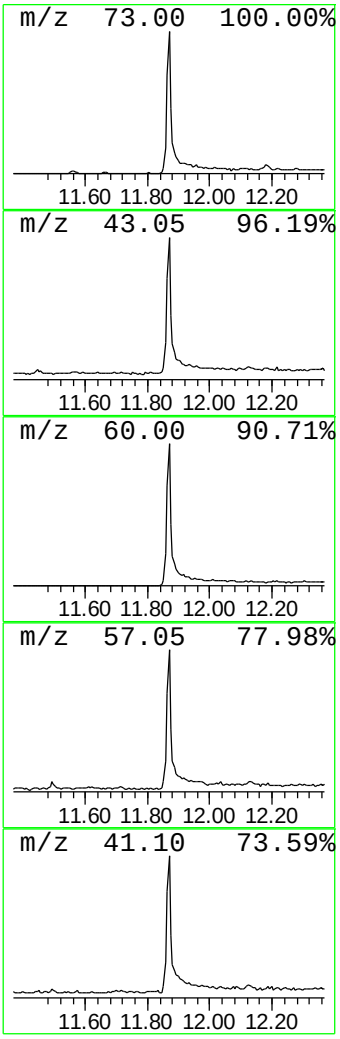
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.25 ng	529296	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





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Sample : L4133-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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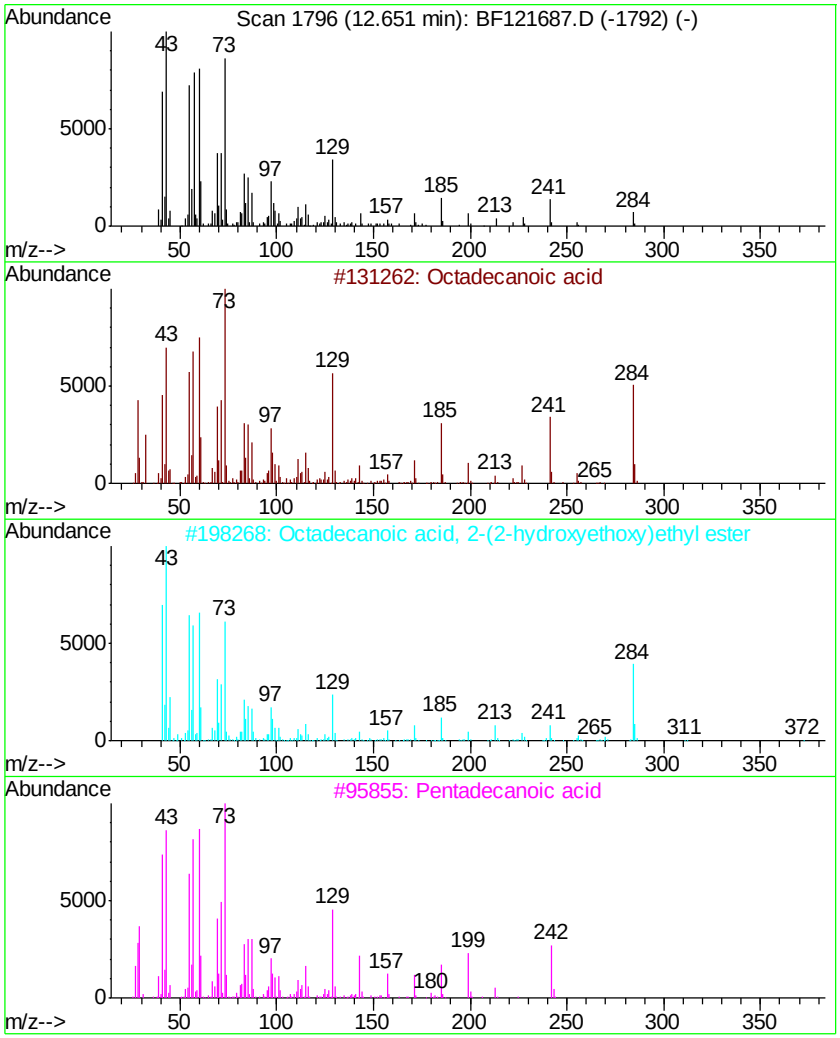
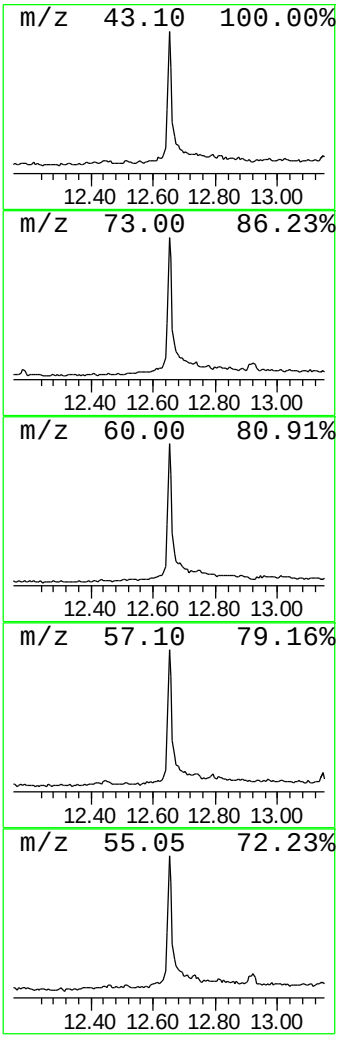
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	6.03 ng	463683	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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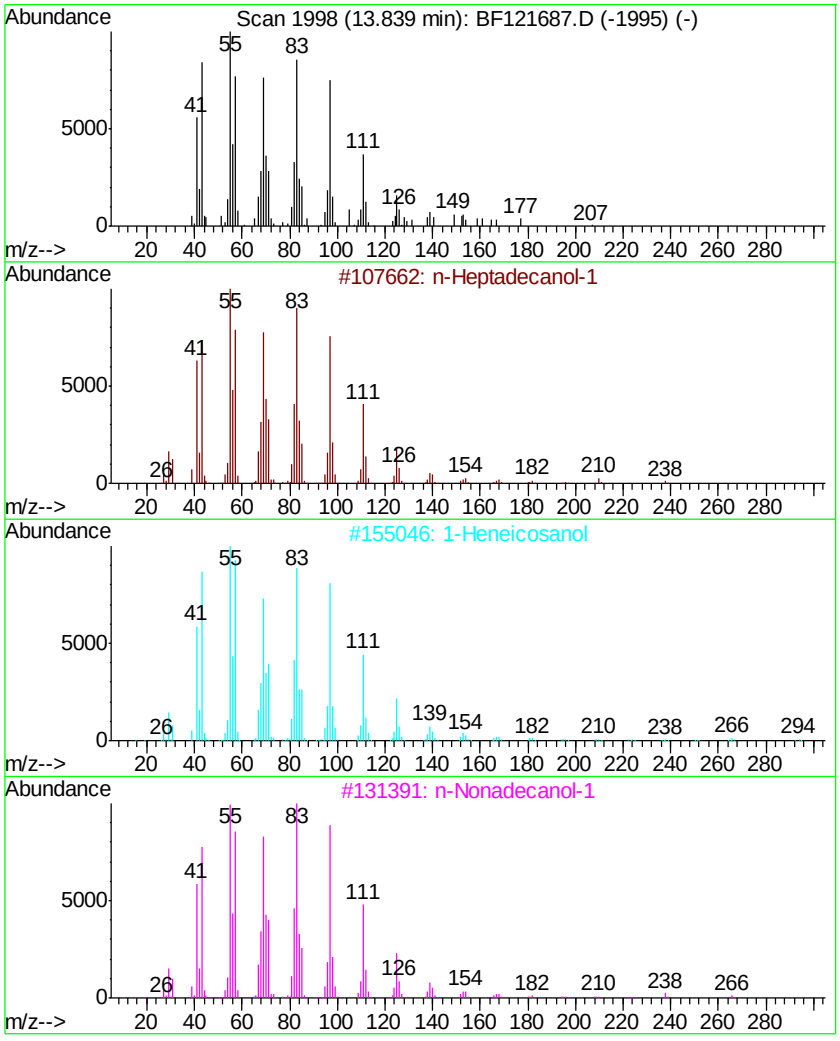
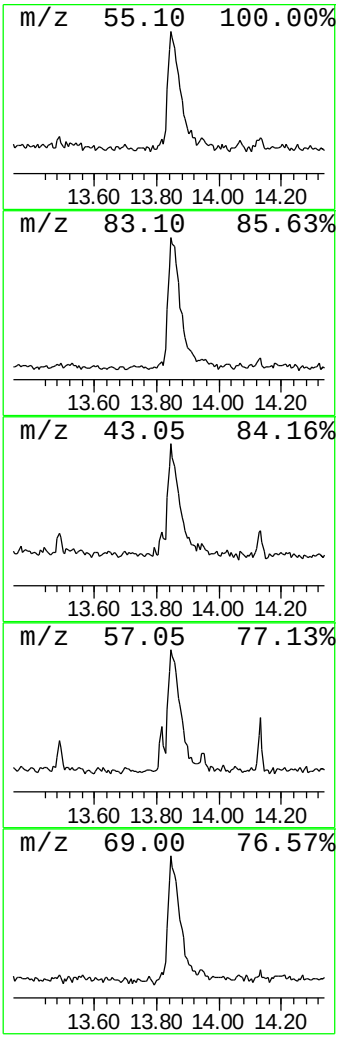
Peak Number 4 n-Heptadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.89 ng	298910	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	1-Nonadecene	266	C19H38	018435-45-5	94





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : MW1S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
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
n-Hexadecanoic acid	11.87	7.3	ng	529296	4	11.33	1459430	20.0
Octadecanoic acid	12.65	6.0	ng	463683	5	13.97	1536770	20.0
n-Heptadecanol-1	13.84	3.9	ng	298910	5	13.97	1536770	20.0