LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119976.D
Acq On : 15 Apr 2020 2:14
Operator : MA/SJ
Sample : L2215-26
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF040820.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	4.934	480	484	497	rVB	329675	415494	7.59%	0.978%
2	5.346	549	554	557	rBV	4351716	4374939	79.96%	10.300%
3	6.369	722	728	731	rBV	4029705	4368298	79.84%	10.285%
4	6.563	758	761	775	rBV	57362	84289	1.54%	0.198%
5	6.734	786	790	793	rBV	1708387	1329033	24.29%	3.129%
6	6.892	812	817	820	rBV	4055302	3555318	64.98%	8.371%
7	7.298	881	886	889	rBV	2964729	2943193	53.80%	6.929%
8	8.016	1004	1008	1012	rBV	1872399	1767641	32.31%	4.162%
9	9.098	1187	1192	1195	rBV	5745107	5406532	98.82%	12.729%
10	9.492	1254	1259	1262	rBV	897737	680746	12.44%	1.603%
11	9.775	1301	1307	1310	rBV	2413336	2040278	37.29%	4.804%
12	10.563	1436	1441	1444	rBV	3429640	3263531	59.65%	7.684%
13	11.257	1555	1559	1563	rBV	2255086	2100929	38.40%	4.946%
14	11.798	1647	1651	1660	rBV2	419117	477989	8.74%	1.125%
15	12.580	1781	1784	1796	rBV	269200	288968	5.28%	0.680%
16	12.851	1825	1830	1833	rBV	5391727	5471086	100.00%	12.881%
17	13.810	1985	1993	2004	rBV3	127060	541631	9.90%	1.275%
18	13.898	2004	2008	2011	rVB	1953732	1672679	30.57%	3.938%
19	14.380	2086	2090	2093	rBV	68719	65357	1.19%	0.154%
20	14.674	2137	2140	2144	rBV	87258	81259	1.49%	0.191%
21	14.998	2191	2195	2200	rBV	86910	95598	1.75%	0.225%
22	15.321	2245	2250	2254	rBV	1112893	1278402	23.37%	3.010%
23	15.363	2254	2257	2264	rVB	74768	92721	1.69%	0.218%
24	15.774	2323	2327	2336	rBV	53718	77598	1.42%	0.183%

Sum of corrected areas: 42473509

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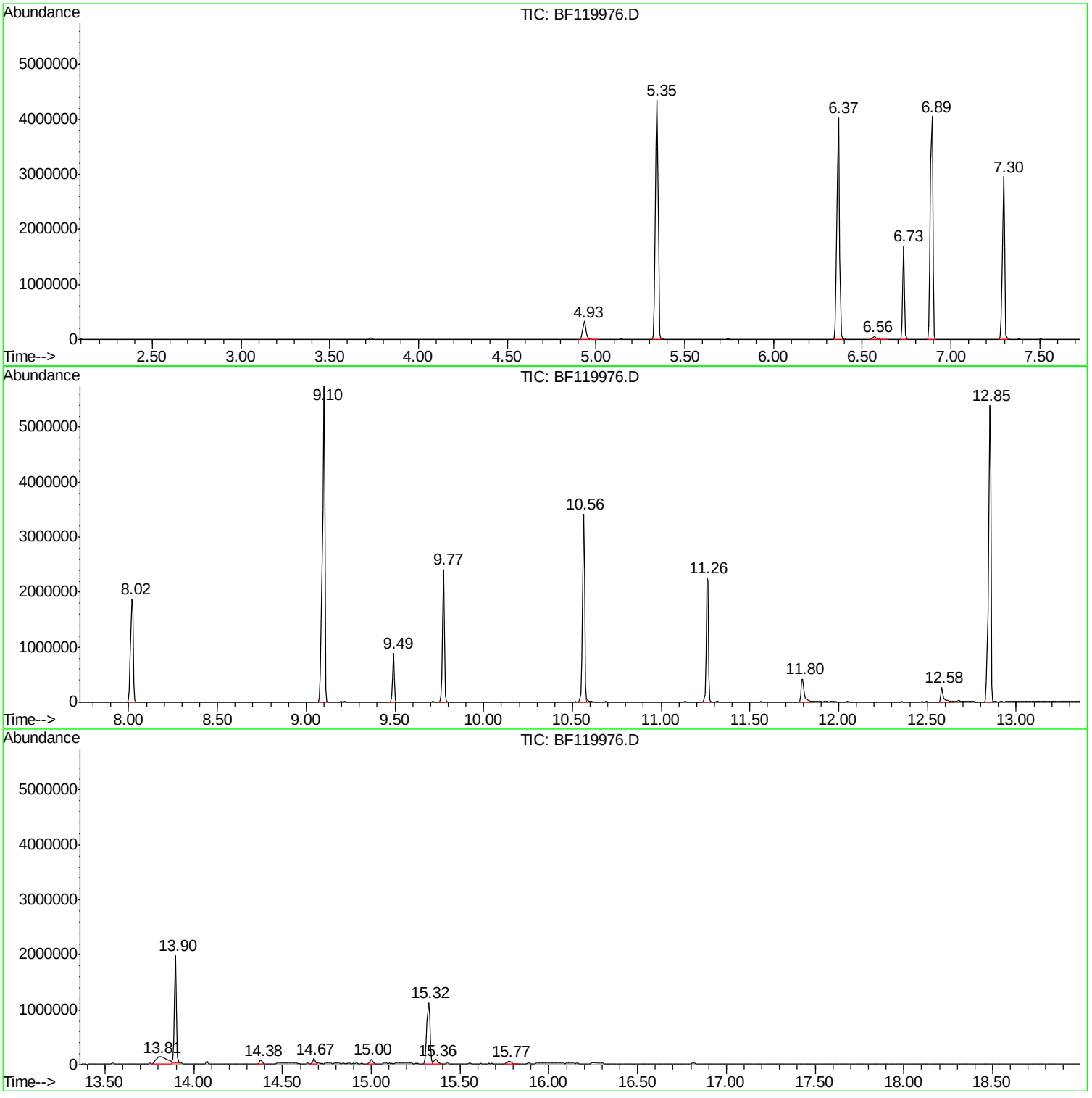
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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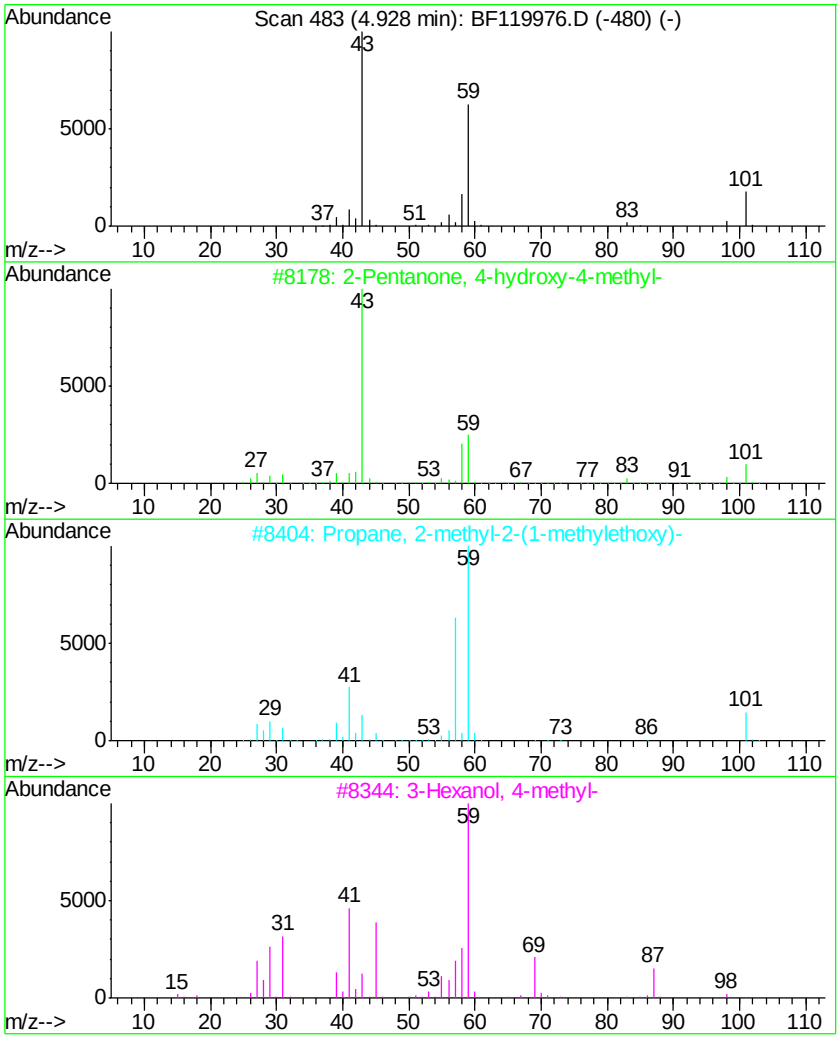
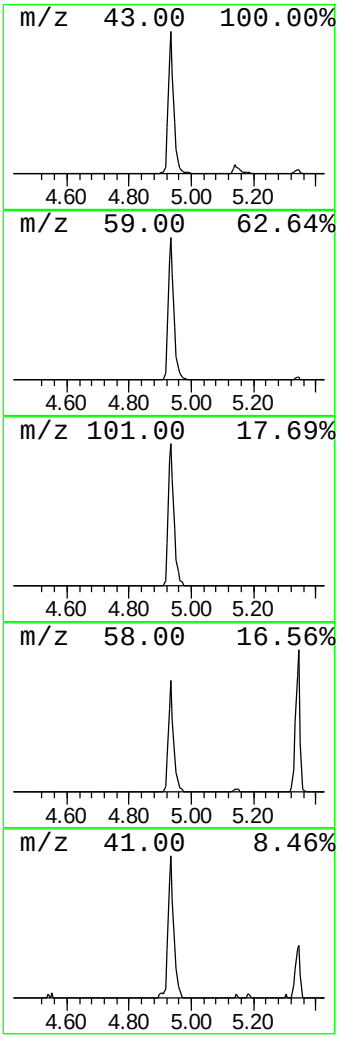
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.25 ng	415494	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

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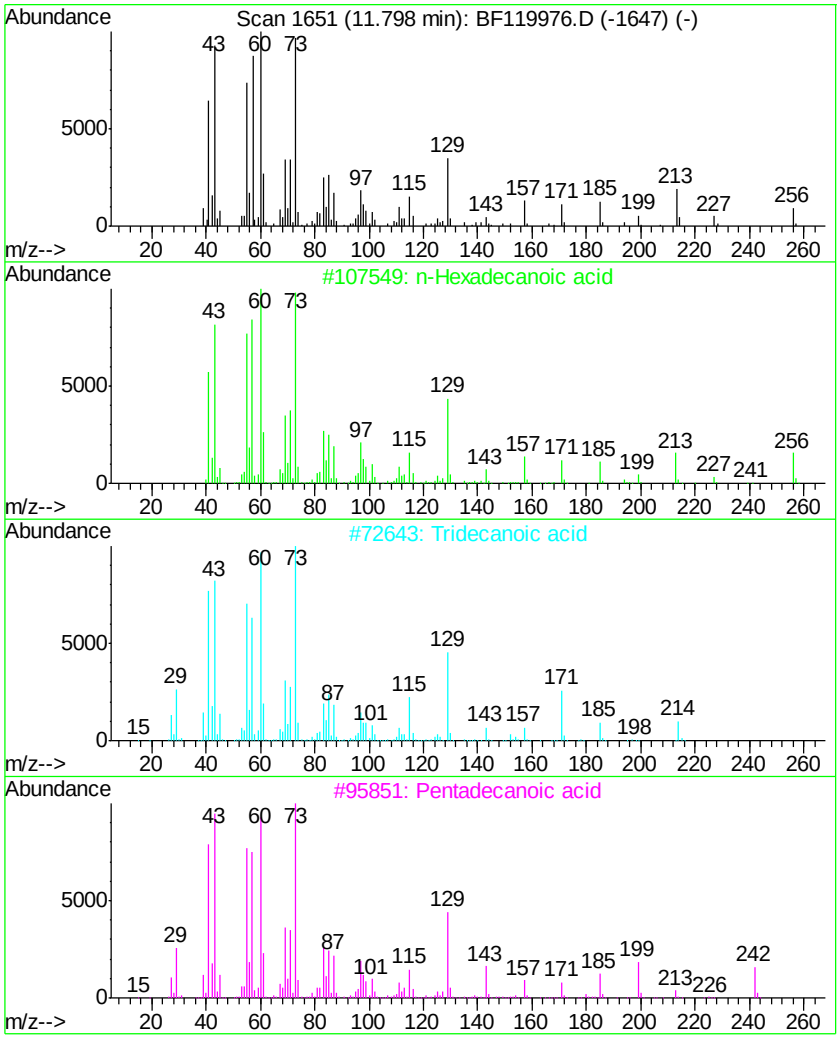
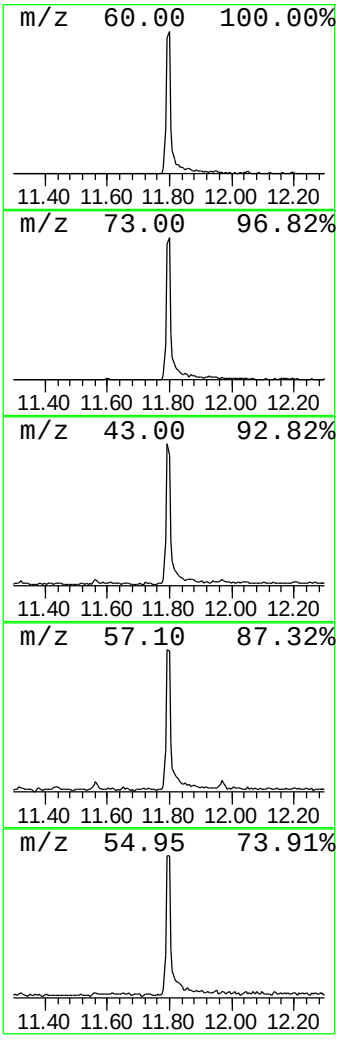
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.55 ng	477989	Phenanthrene-d10	11.26

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

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Sample : L2215-26
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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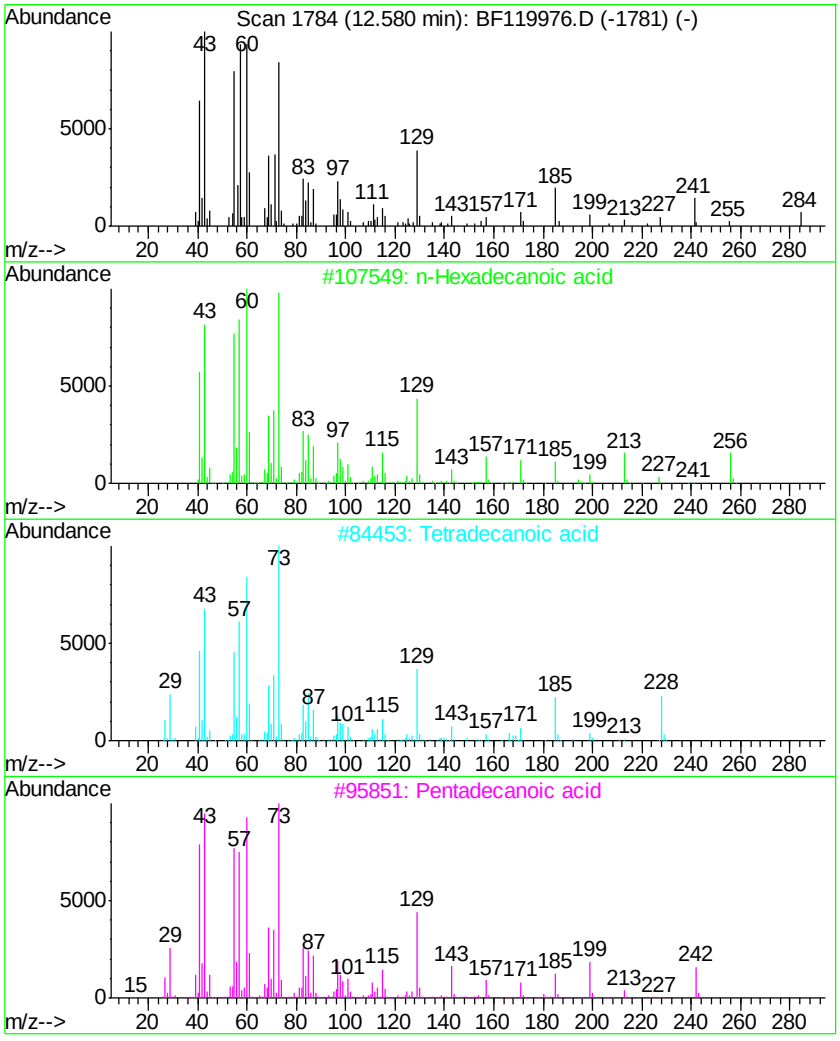
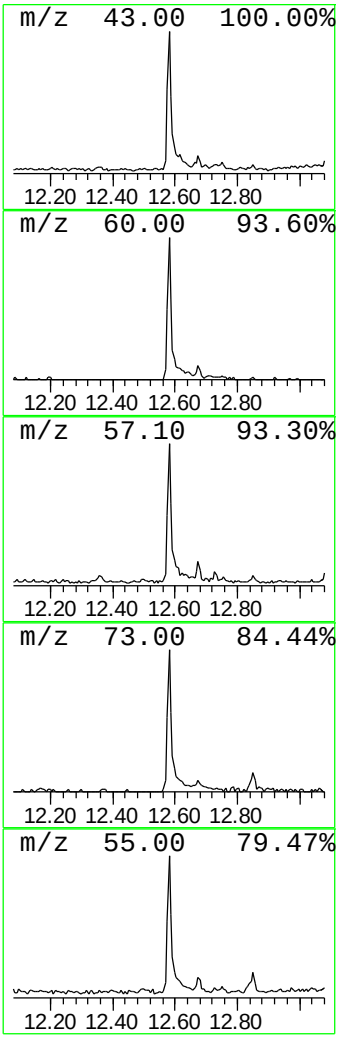
****

Peak Number 4 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.46 ng	288968	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





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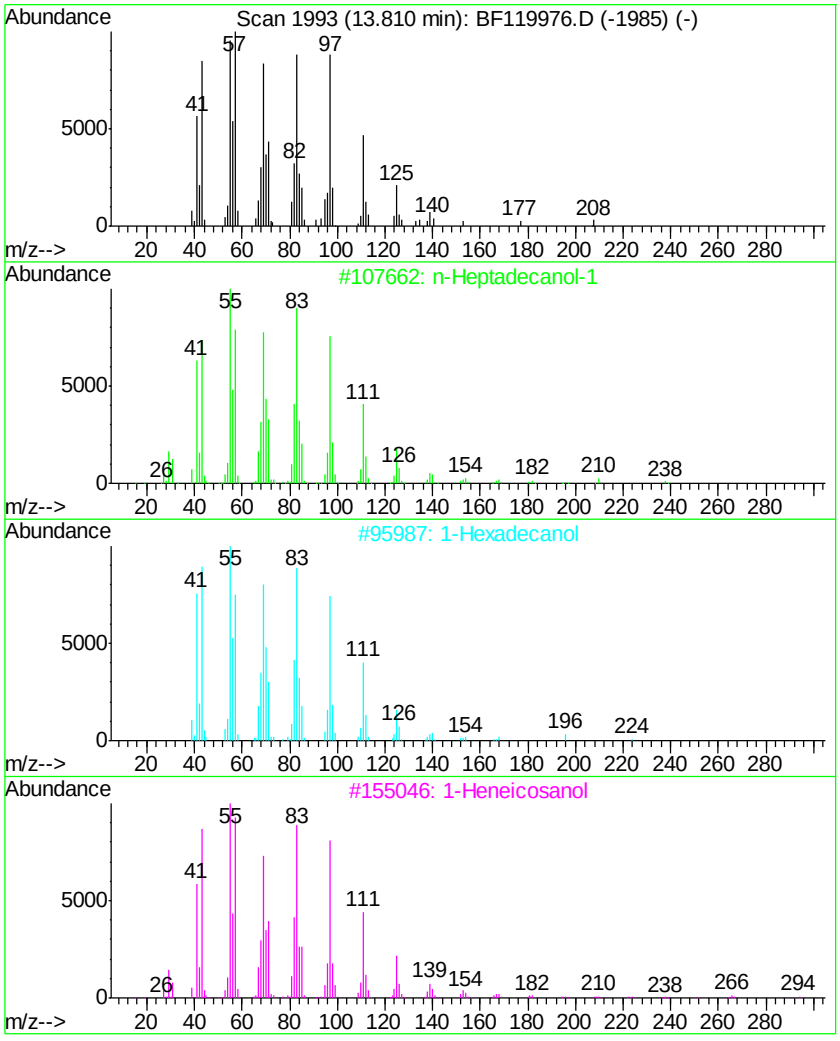
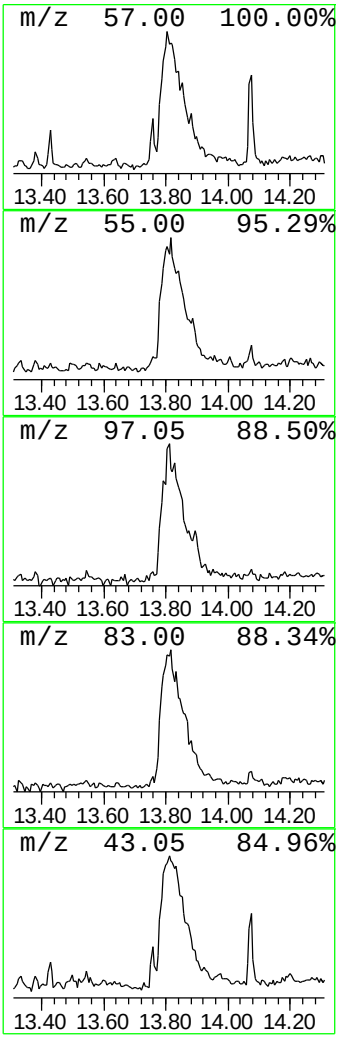
Peak Number 5 n-Heptadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.48 ng	541631	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Tentatively Identified Compound (LSC) summary

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Misc :
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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	6.3	ng	415494	1	6.73	1329030	20.0
n-Hexadecanoic acid	11.80	4.5	ng	477989	4	11.26	2100930	20.0
Tetradecanoic acid	12.58	3.5	ng	288968	5	13.90	1672680	20.0
n-Heptadecanol-1	13.81	6.5	ng	541631	5	13.90	1672680	20.0