LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105176.D
Acq On : 9 May 2018 6:03
Operator : JU/SJ
Sample : J2759-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF050818.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	5.004	491	496	503	rBV	132236	182711	2.60%	0.363%
2	5.398	556	563	566	rBV	3171362	3196985	45.53%	6.360%
3	6.410	730	735	738	rBV	2261219	1983330	28.25%	3.946%
4	6.557	755	760	763	rBV	4753412	5113018	72.82%	10.172%
5	6.793	796	800	803	rBV	1437638	1250177	17.80%	2.487%
6	6.951	822	827	830	rVB	4882975	4842143	68.96%	9.633%
7	7.357	890	896	899	rBV	3818736	4203311	59.86%	8.362%
8	8.069	1013	1017	1021	rBV	1777326	1636322	23.30%	3.255%
9	9.151	1195	1201	1204	rBV	6531509	7021545	100.00%	13.968%
10	9.539	1263	1267	1270	rBV	420336	312206	4.45%	0.621%
11	9.757	1299	1304	1308	rBV	105292	83535	1.19%	0.166%
12	9.822	1308	1315	1319	rBV	1912222	1842449	26.24%	3.665%
13	10.257	1386	1389	1392	rVB	121233	93702	1.33%	0.186%
14	10.616	1443	1450	1453	rBV	4261275	4621823	65.82%	9.195%
15	10.728	1466	1469	1474	rBV	89282	90515	1.29%	0.180%
16	11.310	1564	1568	1571	rBV	2266614	1879982	26.77%	3.740%
17	11.845	1655	1659	1668	rBV	559529	653189	9.30%	1.299%
18	12.522	1770	1774	1778	rBV	73632	84485	1.20%	0.168%
19	12.627	1788	1792	1803	rBV	383144	489318	6.97%	0.973%
20	12.910	1834	1840	1843	rBV	6125479	6881979	98.01%	13.691%
21	13.833	1993	1997	2009	rBV	491353	494758	7.05%	0.984%
22	13.992	2019	2024	2028	rBV	1898504	1834296	26.12%	3.649%
23	15.527	2279	2285	2292	rBV	1173321	1475460	21.01%	2.935%

Sum of corrected areas: 50267239

LSC Report - Integrated Chromatogram

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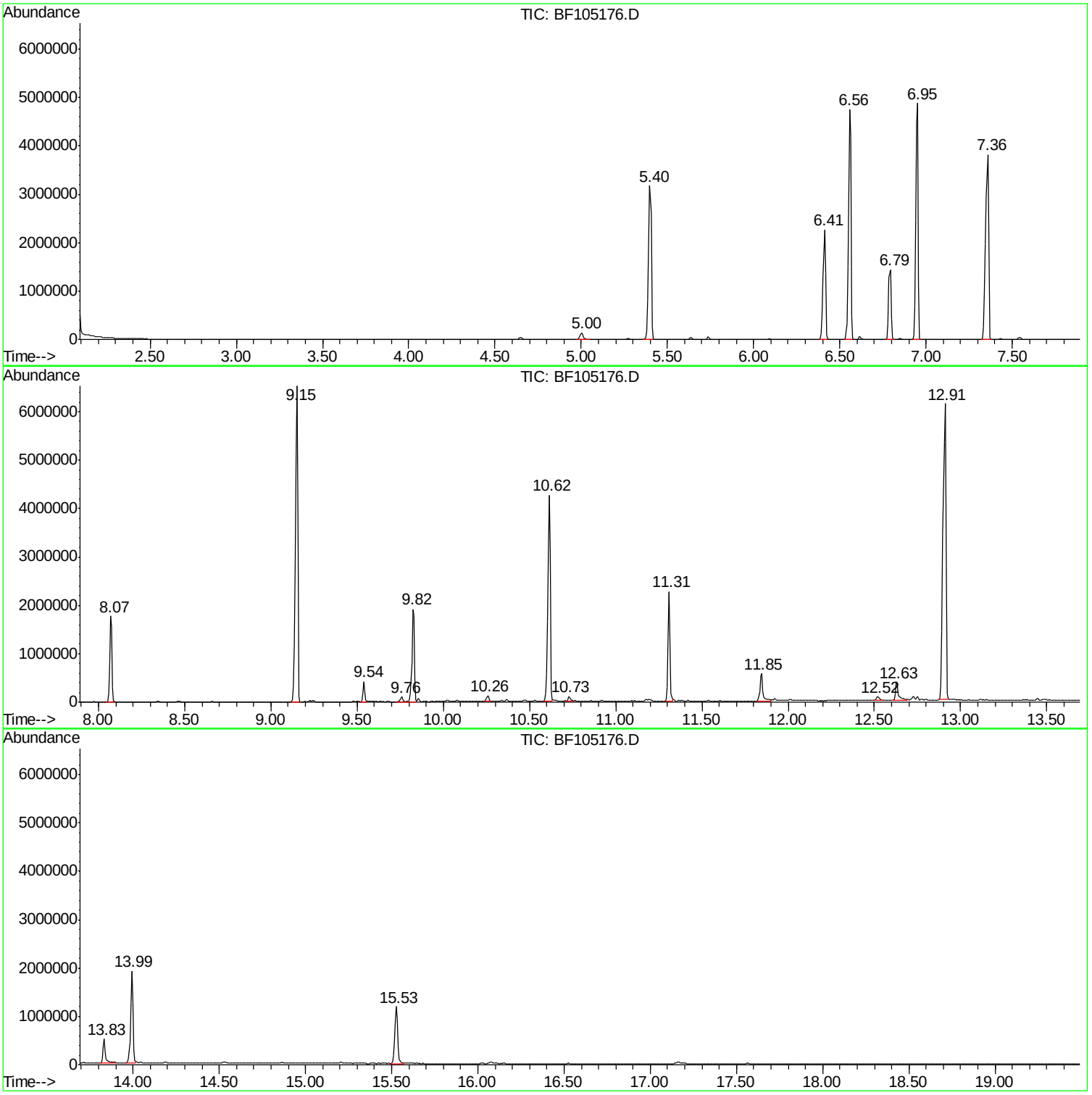
Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050818.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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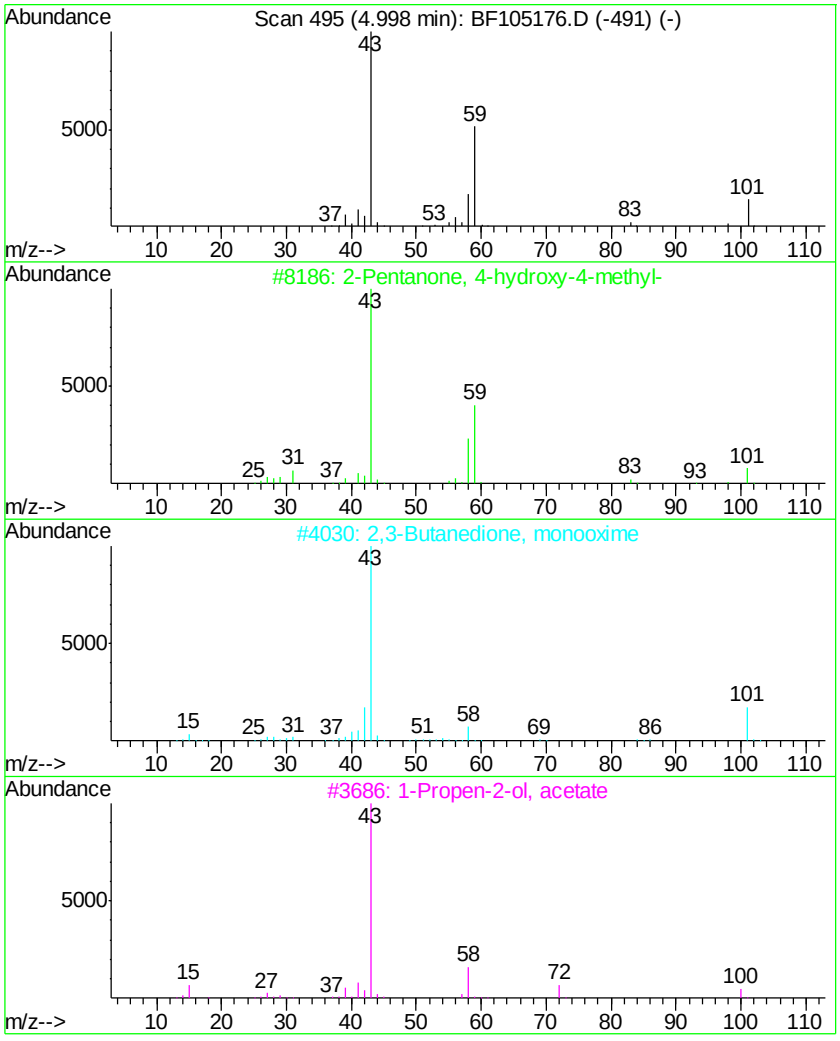
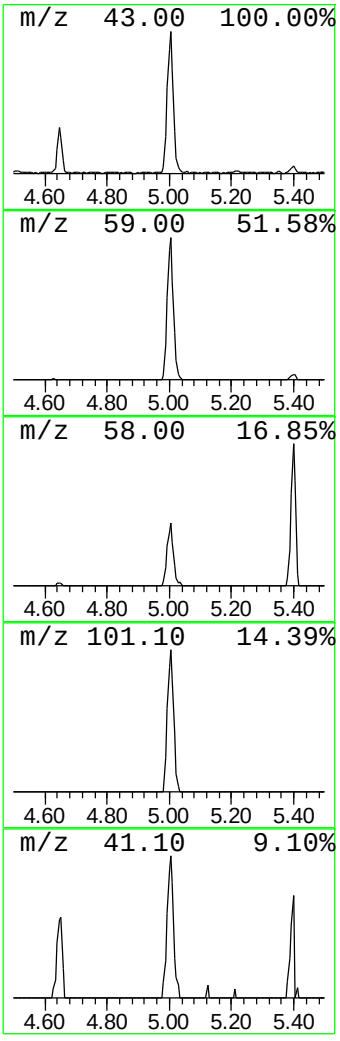
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.92 ng	182711	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Nonanone	142	C9H18O	000821-55-6	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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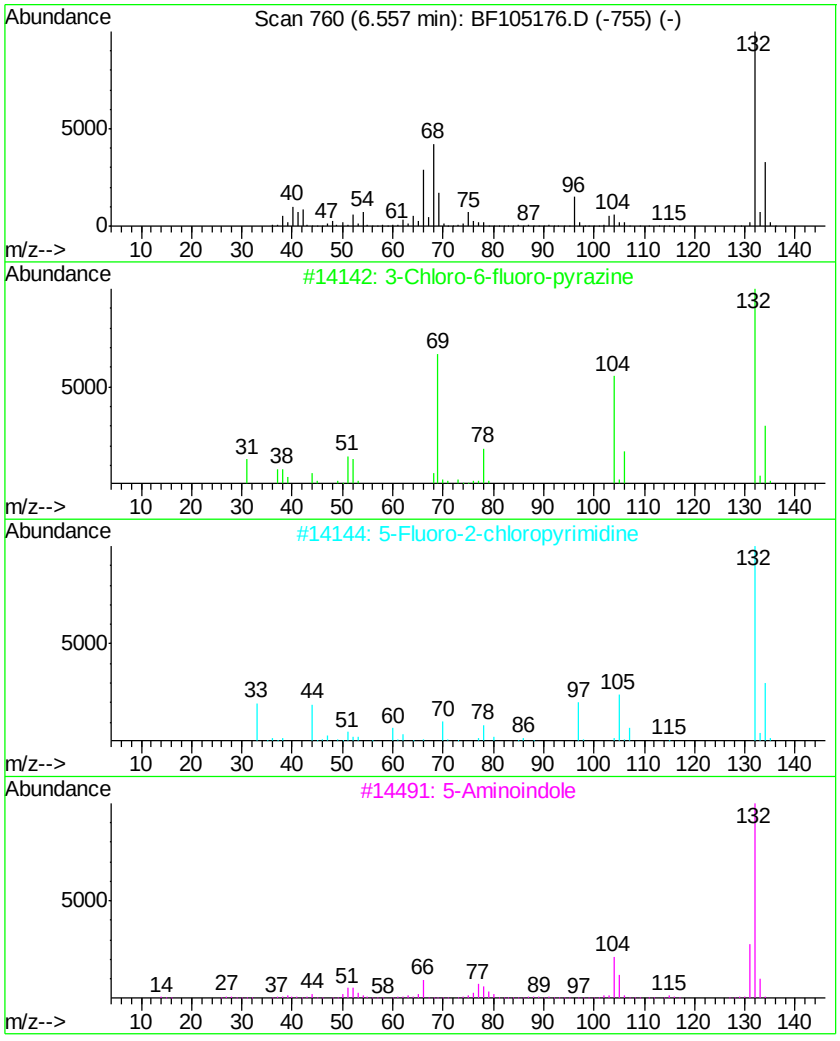
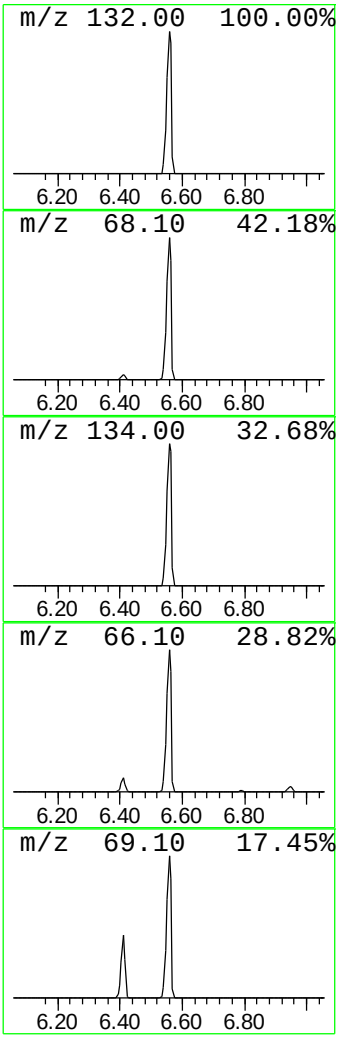
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	81.80 ng	5113020	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050818.M
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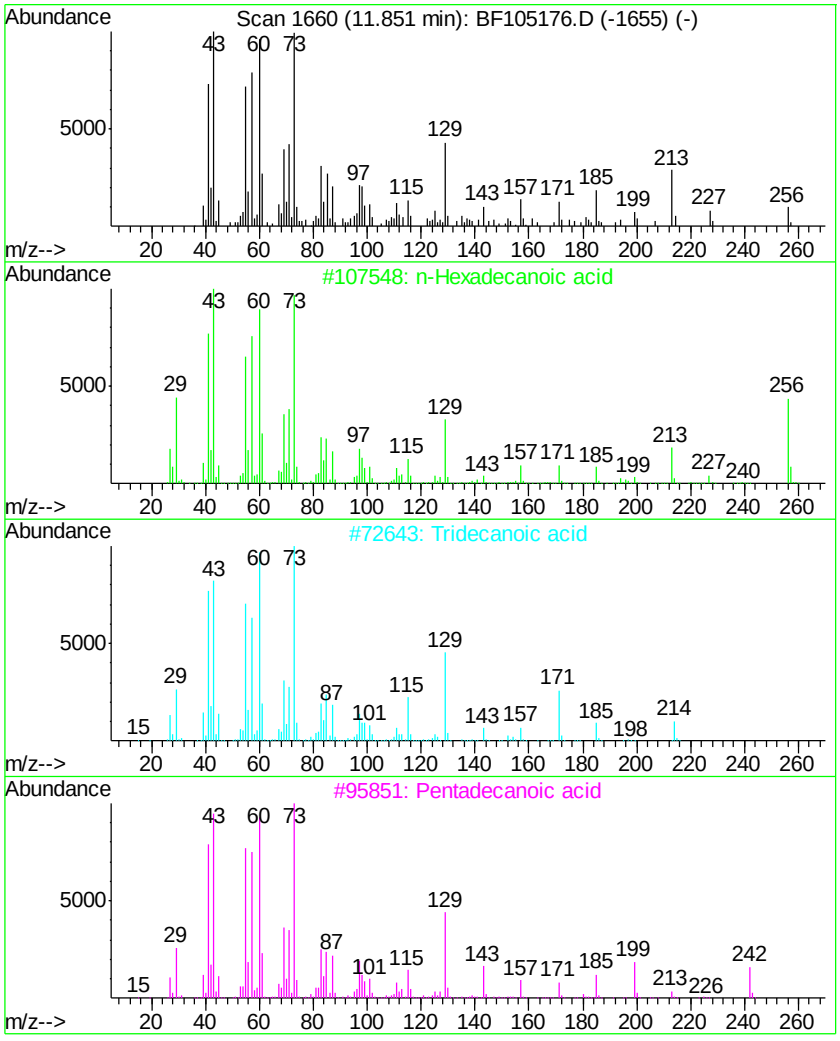
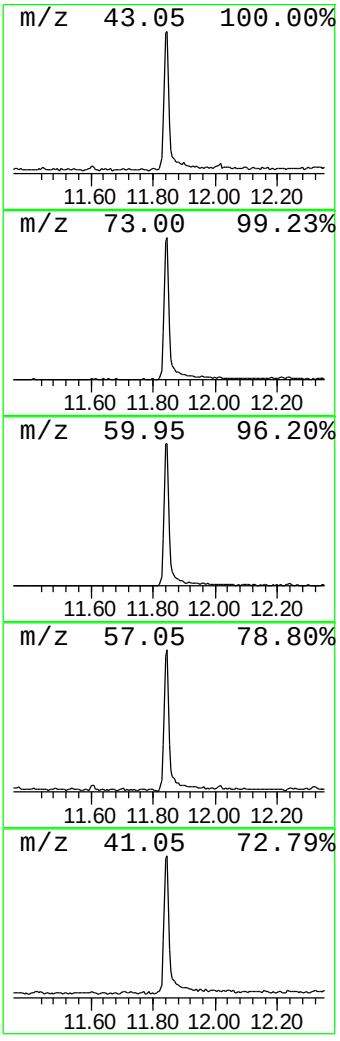
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.95 ng	653189	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050818.M
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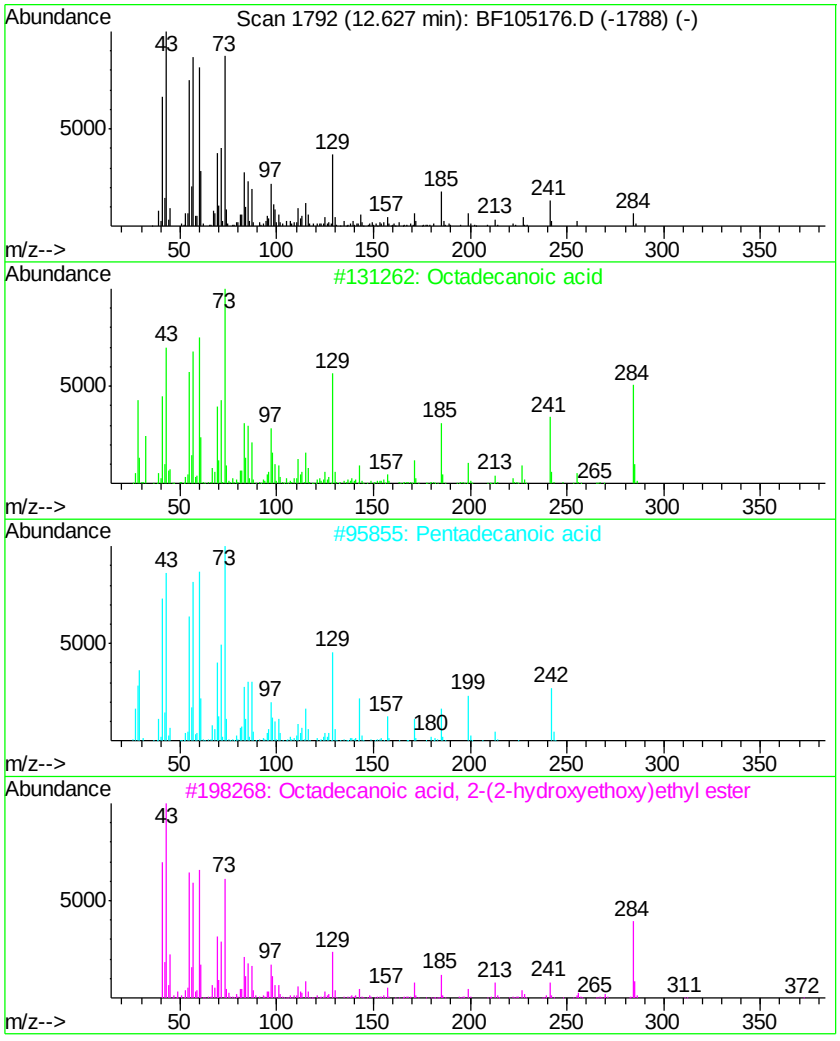
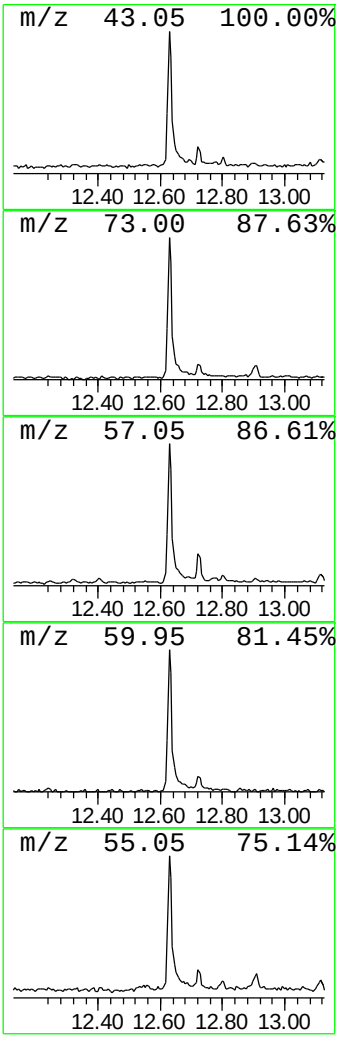
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.21 ng	489318	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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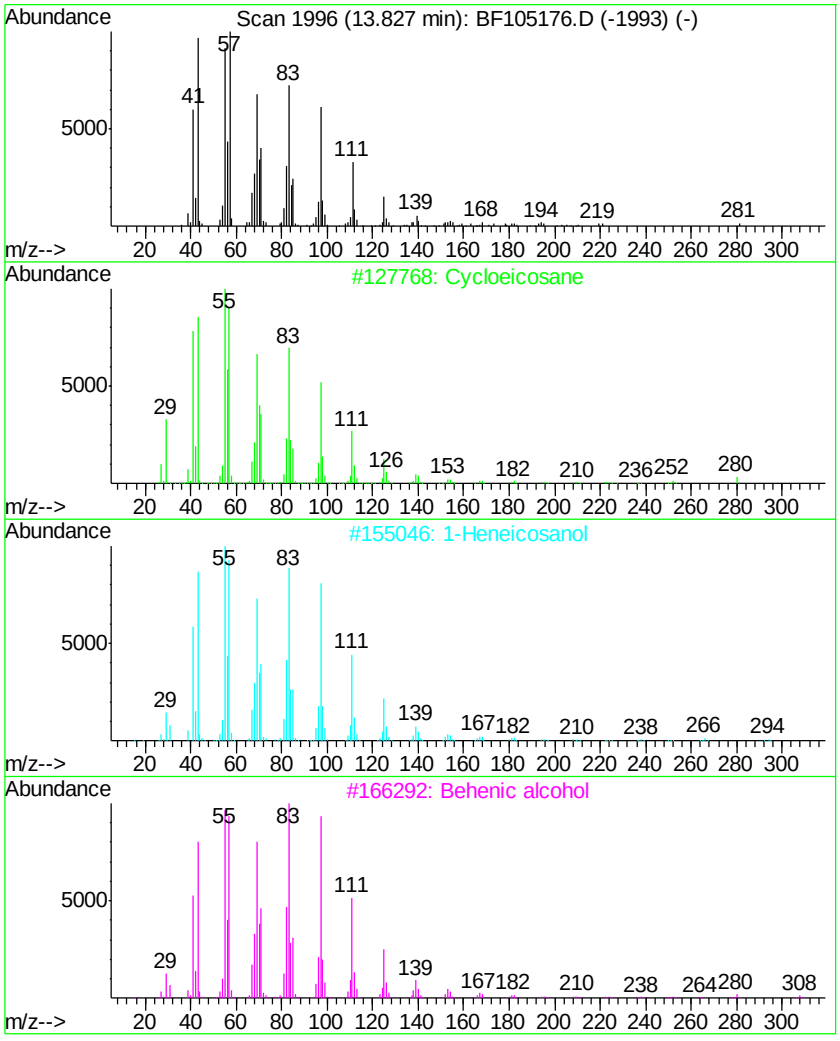
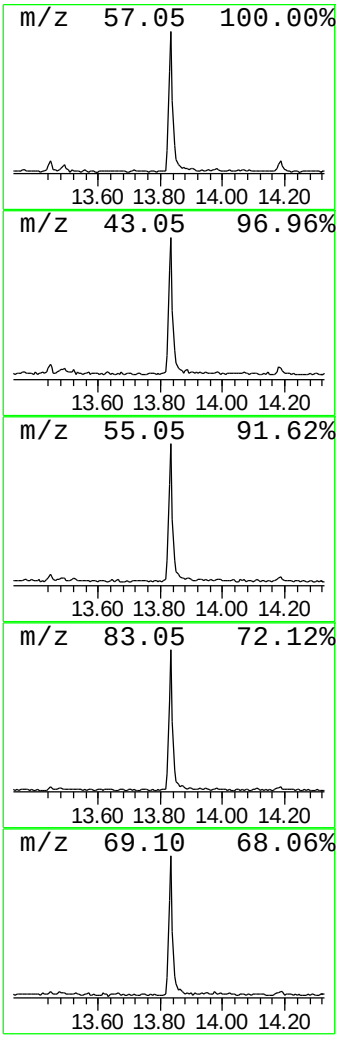
Peak Number 6 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.39 ng	494758	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





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...	5.00	2.9	ng	182711	1	6.79	1250180	20.0
unknown6.56	6.56	81.8	ng	5113020	1	6.79	1250180	20.0
n-Hexadecanoic acid	11.85	7.0	ng	653189	4	11.31	1879980	20.0
Octadecanoic acid	12.63	5.2	ng	489318	4	11.31	1879980	20.0
Cycloeicosane	13.83	5.4	ng	494758	5	13.99	1834300	20.0