LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094746.D
Acq On : 1 May 2017 12:53
Operator : SJ/MA
Sample : I2912-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

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-BF041717.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	3.937	336	340	348	rBV	286109	363541	11.32%	1.396%
2	4.331	403	407	422	rBV	2660510	2628555	81.88%	10.095%
3	5.407	585	590	603	rBV	2432031	2636260	82.12%	10.125%
4	5.525	605	610	613	rBV	2731227	2700645	84.12%	10.372%
5	5.760	647	650	654	rBV	637847	579396	18.05%	2.225%
6	5.943	676	681	684	rBV	2329328	2147901	66.91%	8.249%
7	6.419	756	762	765	rBV	1625417	1790511	55.77%	6.877%
8	7.254	900	904	911	rVB	946801	823940	25.67%	3.164%
9	8.578	1124	1129	1132	rBV	3346066	3210280	100.00%	12.329%
10	9.084	1211	1215	1219	rBV	270887	259986	8.10%	0.999%
11	9.389	1260	1267	1274	rBV2	934377	960348	29.91%	3.688%
12	9.983	1365	1368	1372	rBV	57326	50531	1.57%	0.194%
13	10.372	1429	1434	1437	rBV	1621827	1682744	52.42%	6.463%
14	10.566	1464	1467	1470	rBV	62921	66906	2.08%	0.257%
15	11.213	1573	1577	1586	rVB	853263	836335	26.05%	3.212%
16	11.948	1698	1702	1712	rBV	227069	260340	8.11%	1.000%
17	12.919	1862	1867	1879	rBV2	239231	305162	9.51%	1.172%
18	13.195	1908	1914	1917	rBV	2518582	2788294	86.86%	10.709%
19	13.824	2018	2021	2024	rBV	66432	57318	1.79%	0.220%
20	13.924	2035	2038	2042	rBV	36420	35353	1.10%	0.136%
21	14.354	2107	2111	2121	rBV	120693	176251	5.49%	0.677%
22	14.466	2125	2130	2137	rBV	694331	757530	23.60%	2.909%
23	15.142	2240	2245	2253	rVB9	28215	55814	1.74%	0.214%
24	15.730	2339	2345	2360	rVB9	29990	109115	3.40%	0.419%
25	16.095	2402	2407	2415	rBV2	453203	754363	23.50%	2.897%

Sum of corrected areas: 26037419

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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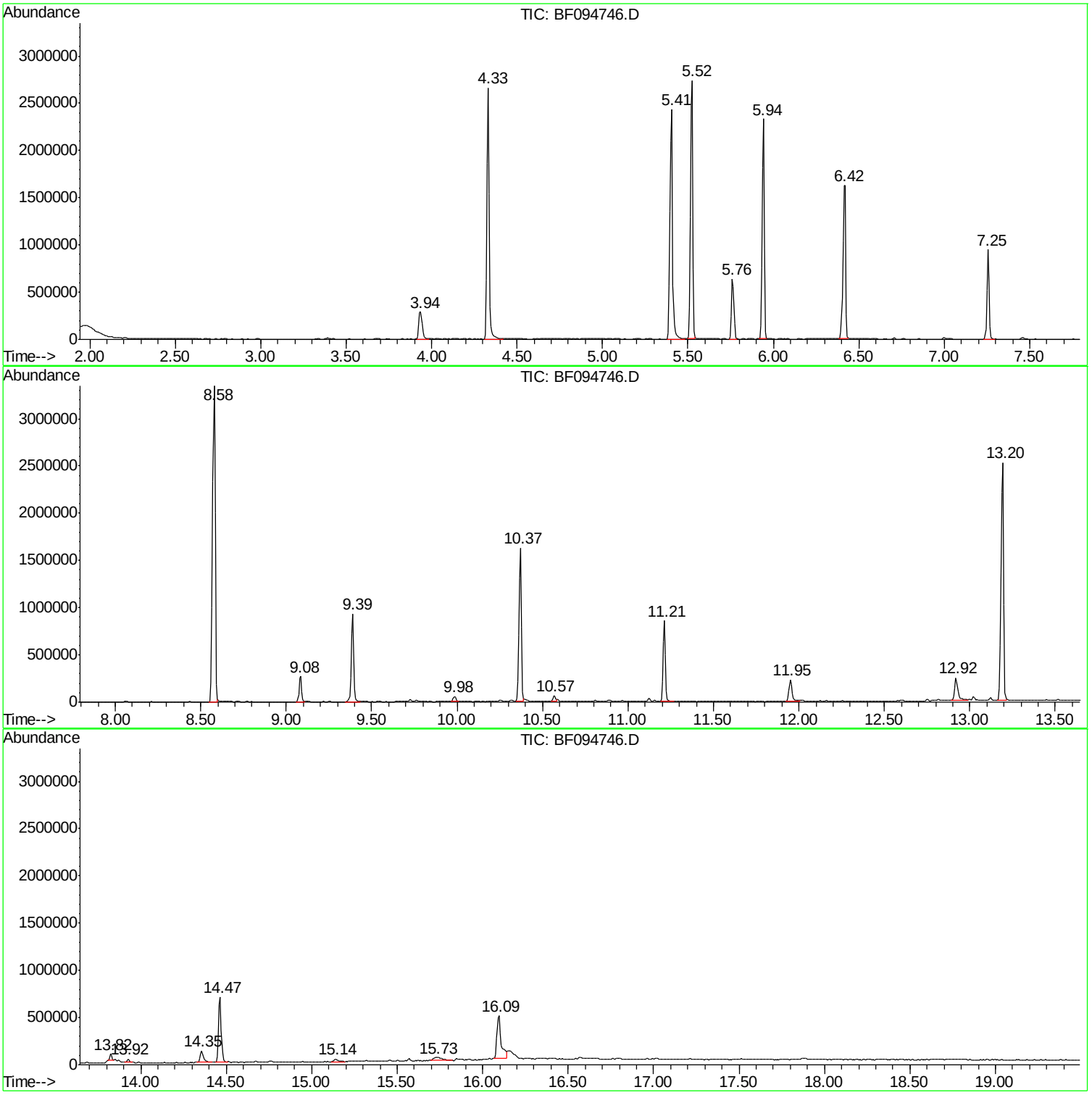
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

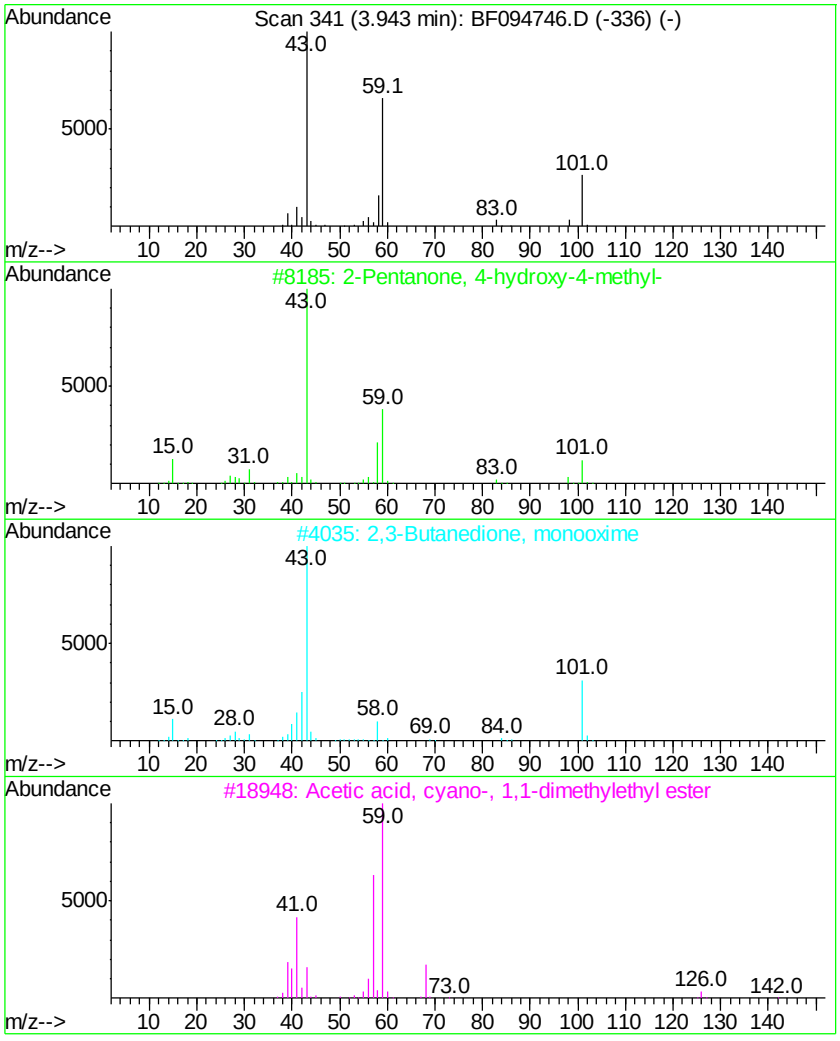
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

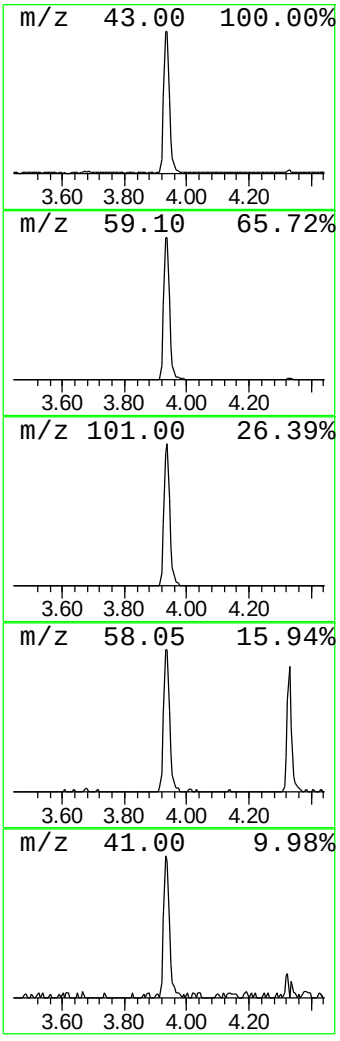
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	12.55 ng	363541	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
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Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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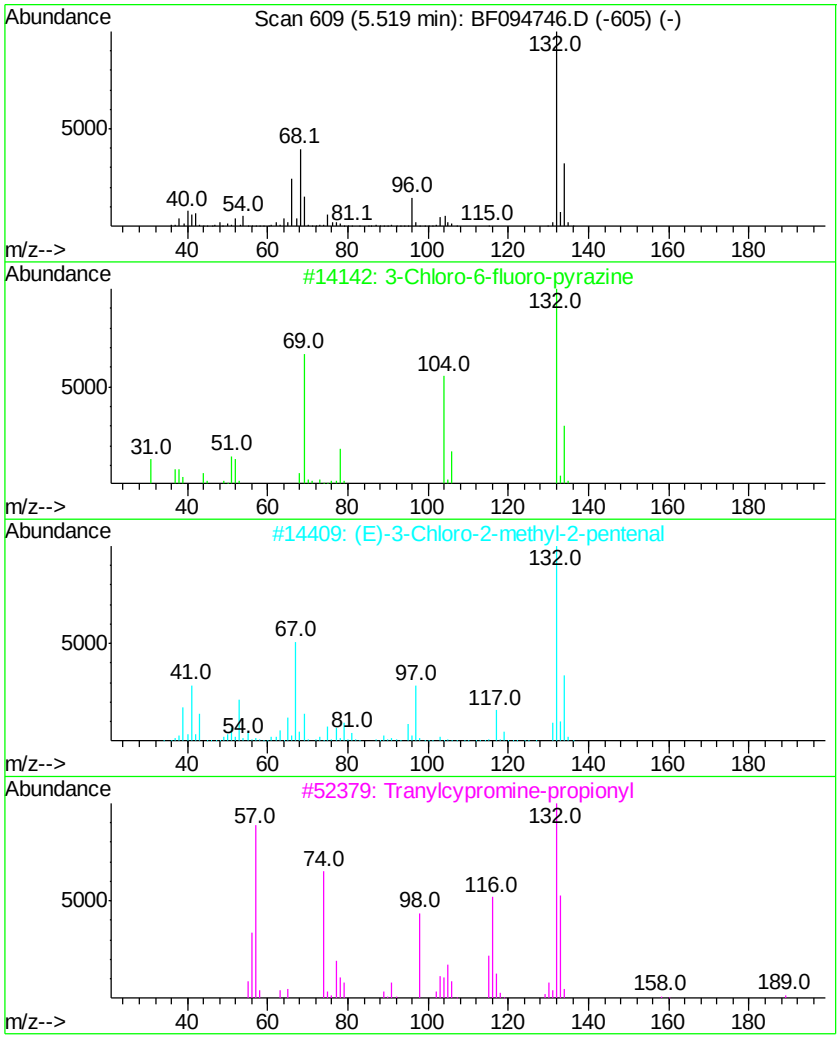
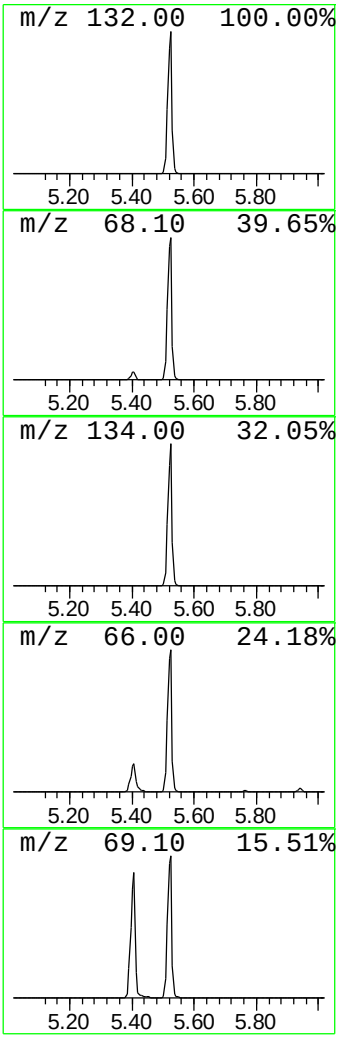
****

Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	93.22 ng	2700650	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Operator : SJ/MA
Sample : I2912-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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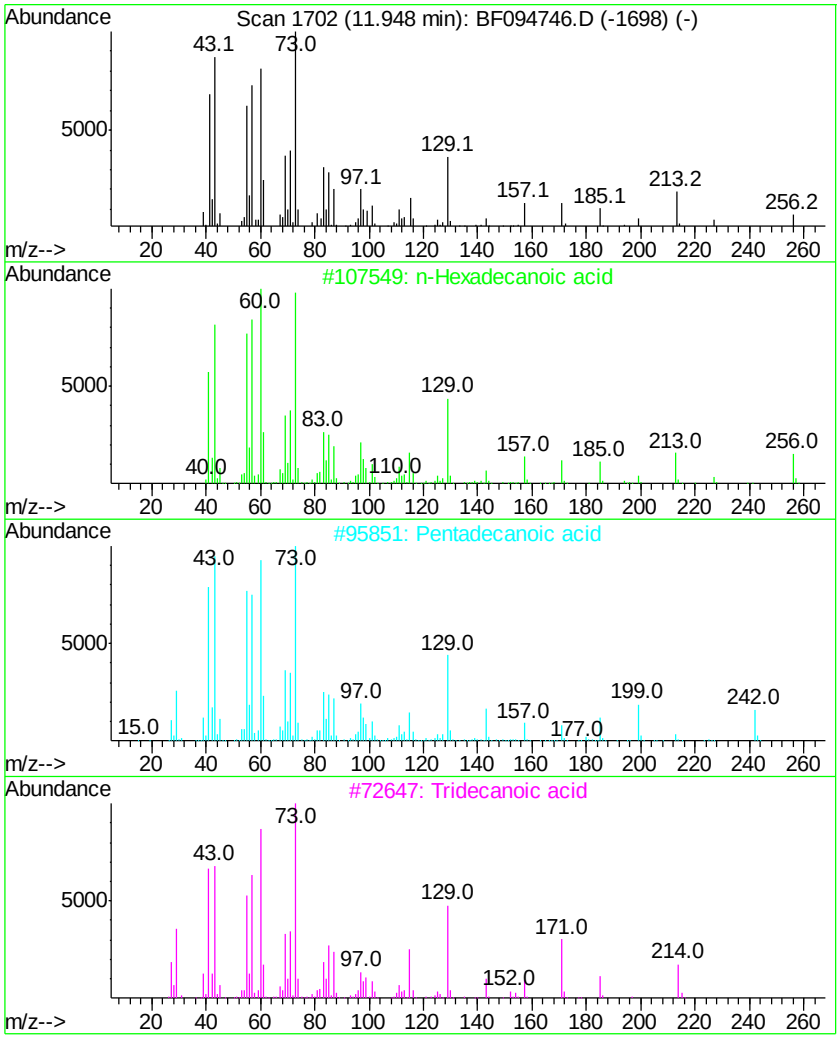
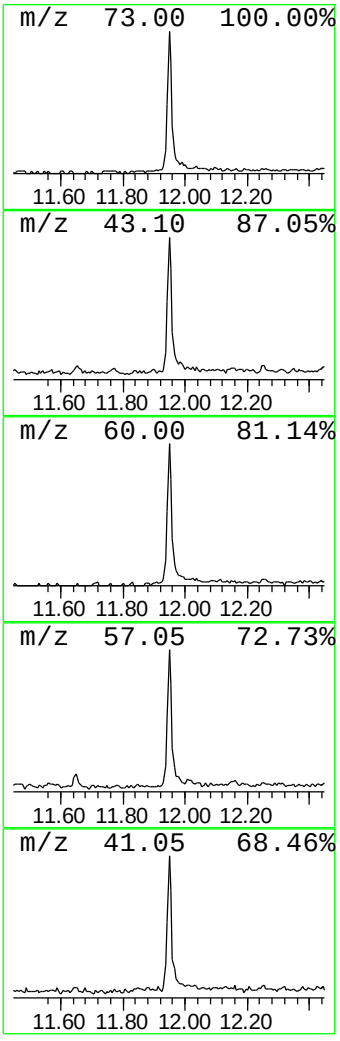
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.23 ng	260340	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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Sample : I2912-01
Misc :
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Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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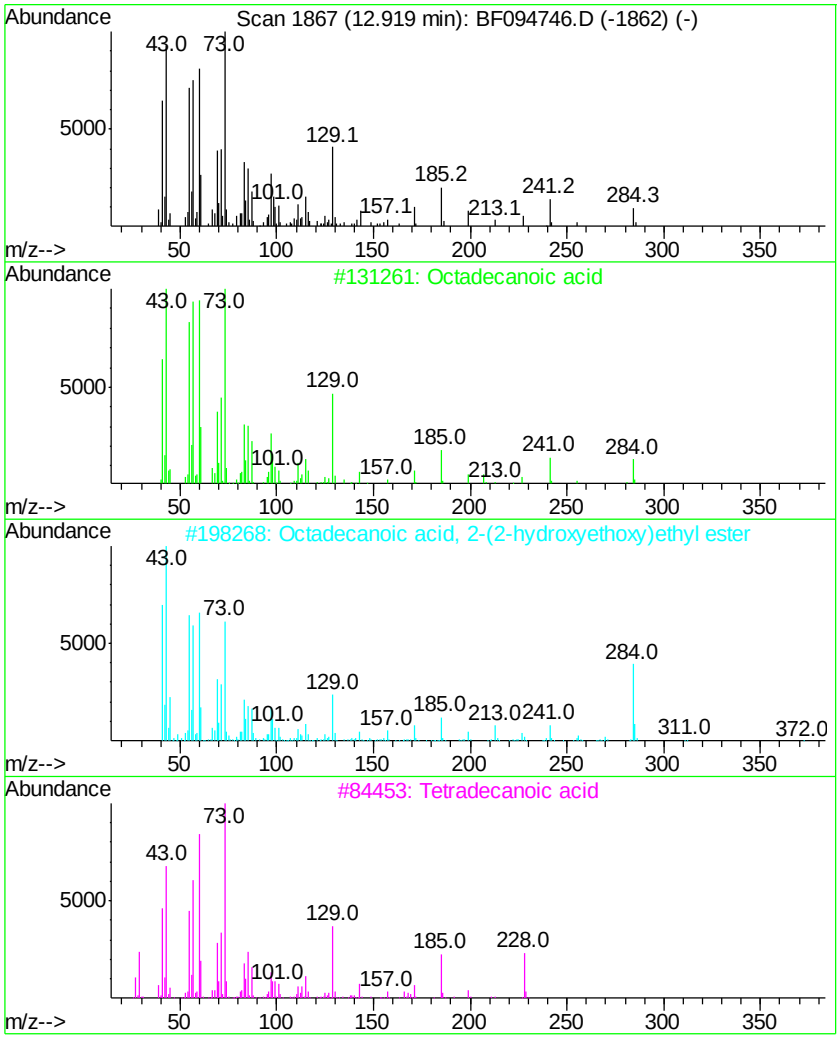
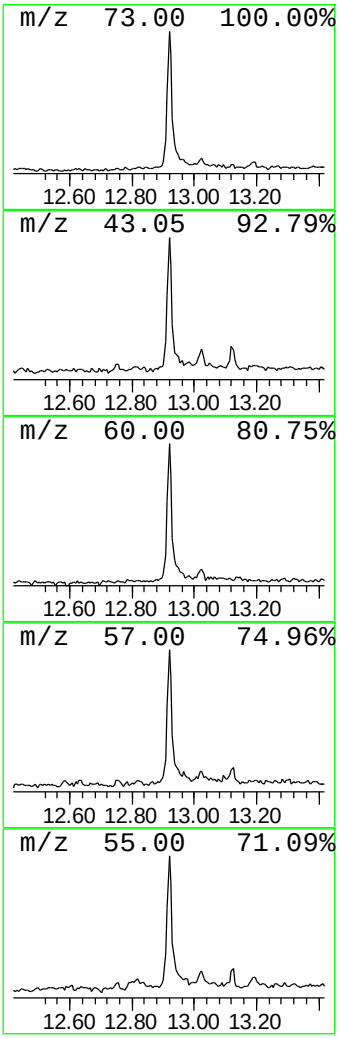
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	8.06 ng	305162	Chrysene-d12	14.47

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	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Operator : SJ/MA
Sample : I2912-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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TIC Library : C:\DATABASE\NIST11.L
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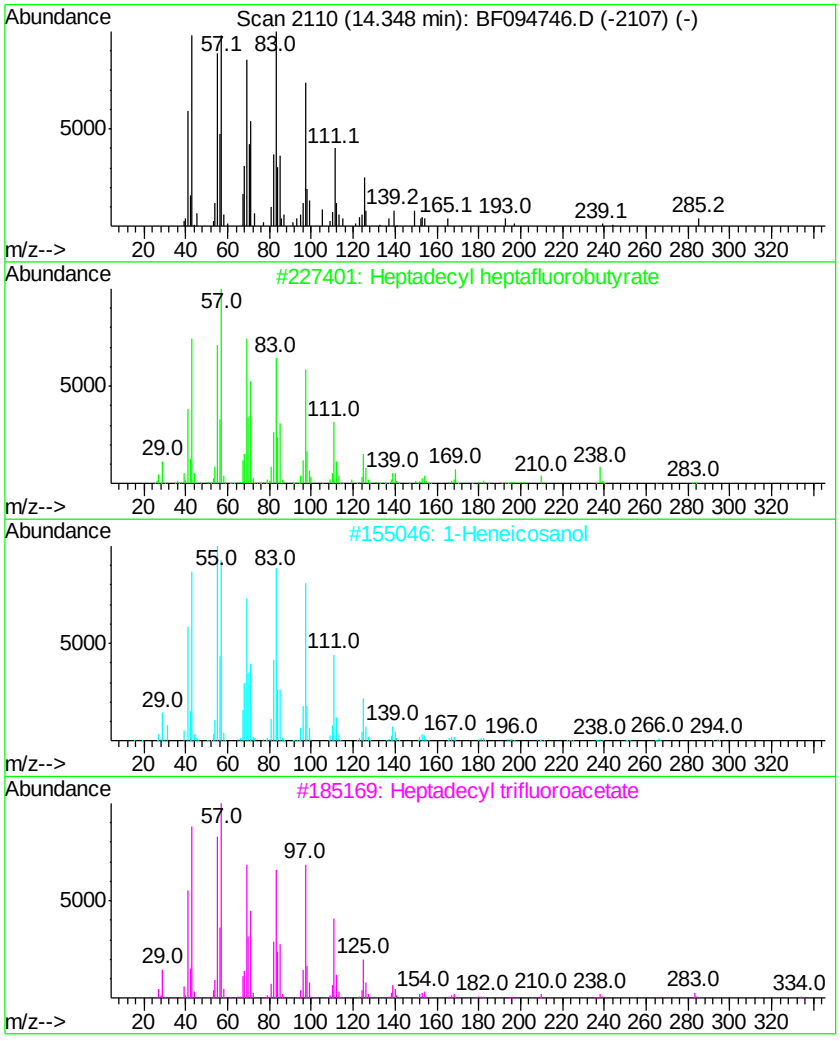
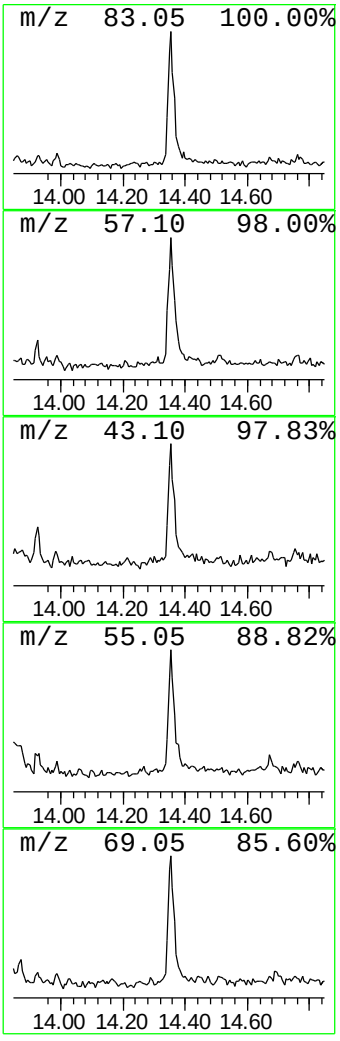
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.65 ng	176251	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Misc :
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Instrument : BNA_F
ClientSampleId : NORTHWALL-042717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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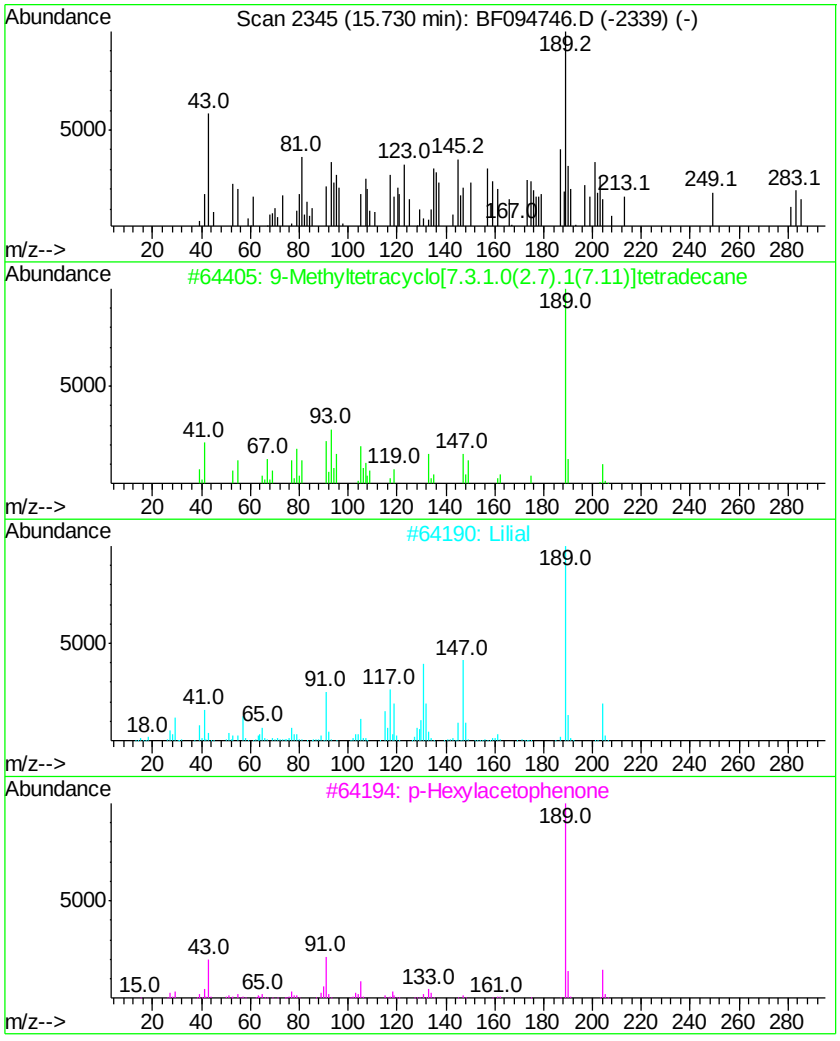
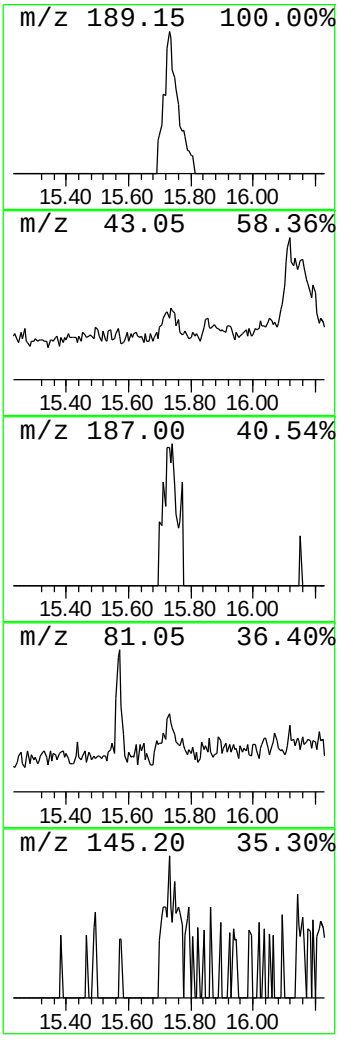
Peak Number 7 unknown15.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.89 ng	109115	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyltetracyclo[7.3.1.0(2.7)....	204	C15H24	1000215-30-5	22
2	Lilial	204	C14H20O	000080-54-6	22
3	p-Hexylacetophenone	204	C14H20O	037592-72-6	22
4	Silane, dimethyl(2-methylpent-3-...	232	C12H28O2Si	1000347-64-8	17
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	12





Tentatively Identified Compound (LSC) summary

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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...	3.94	12.6	ng	363541	1	5.76	579396	20.0
unknown5.52	5.52	93.2	ng	2700650	1	5.76	579396	20.0
n-Hexadecanoic acid	11.95	6.2	ng	260340	4	11.21	836335	20.0
Octadecanoic acid	12.92	8.1	ng	305162	5	14.47	757530	20.0
Heptadecyl heptaf...	14.35	4.7	ng	176251	5	14.47	757530	20.0
unknown15.73	15.73	2.9	ng	109115	6	16.09	754363	20.0