LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097093.D
Acq On : 26 Jul 2017 23:33
Operator : SJ/JU
Sample : I4407-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC3

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-BF072517.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	2.657	128	131	137	rBV	20108	48337	1.98%	0.241%
2	4.628	463	466	478	rBV	116198	173169	7.08%	0.862%
3	5.087	540	544	563	rBV	1764360	1857115	75.97%	9.248%
4	6.157	721	726	740	rBV	2247374	2444450	100.00%	12.173%
5	6.263	740	744	748	rBV	2032525	1897989	77.64%	9.451%
6	6.492	780	783	790	rBV	782833	659520	26.98%	3.284%
7	6.651	806	810	817	rBV	1312563	1305462	53.41%	6.501%
8	7.063	875	880	893	rBV	1276147	1228590	50.26%	6.118%
9	7.775	997	1001	1005	rBV	1032987	935970	38.29%	4.661%
10	8.857	1180	1185	1188	rBV	2385991	2088147	85.42%	10.398%
11	9.257	1249	1253	1258	rBV	336916	293677	12.01%	1.462%
12	9.522	1294	1298	1302	rBV2	1106904	957976	39.19%	4.770%
13	9.980	1373	1376	1379	rVB	53335	43115	1.76%	0.215%
14	10.310	1428	1432	1438	rBV	1611338	1521213	62.23%	7.575%
15	10.451	1452	1456	1462	rBV	70204	89861	3.68%	0.447%
16	10.892	1527	1531	1534	rBV	34361	30608	1.25%	0.152%
17	10.998	1545	1549	1553	rVB	955594	829118	33.92%	4.129%
18	11.557	1640	1644	1651	rBV2	108398	118938	4.87%	0.592%
19	12.333	1773	1776	1787	rBV2	66222	72717	2.97%	0.362%
20	12.586	1814	1819	1822	rBV	2174867	2146242	87.80%	10.688%
21	13.492	1969	1973	1981	rBV	118047	142840	5.84%	0.711%
22	13.621	1991	1995	2003	rVB	789009	689742	28.22%	3.435%
23	14.974	2220	2225	2230	rBV	417975	506823	20.73%	2.524%

Sum of corrected areas: 20081619

LSC Report - Integrated Chromatogram

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Misc :
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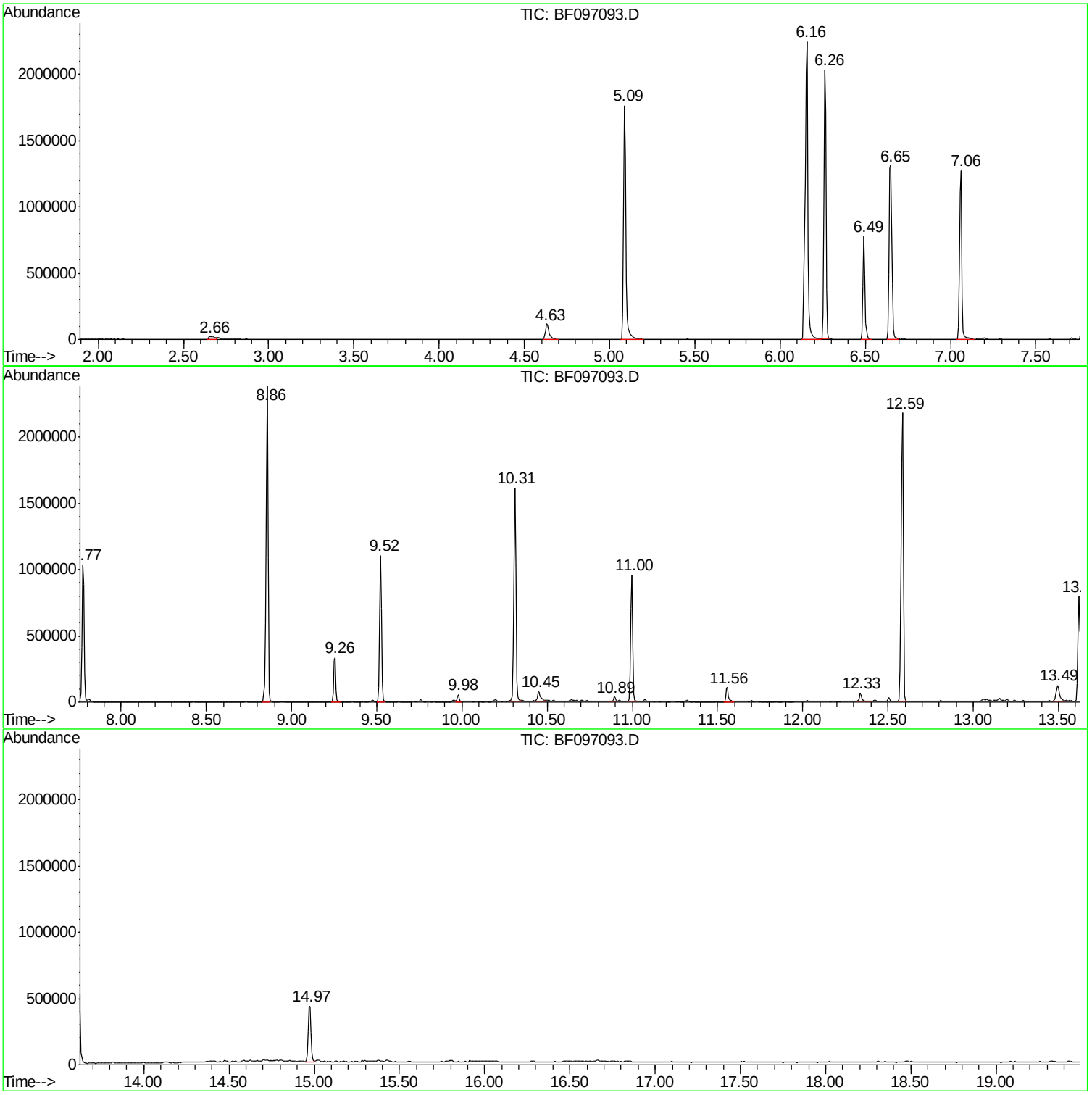
Instrument : BNA_F
ClientSampleId : HDD-PILWC3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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Data File : BF097093.D
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Operator : SJ/JU
Sample : I4407-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

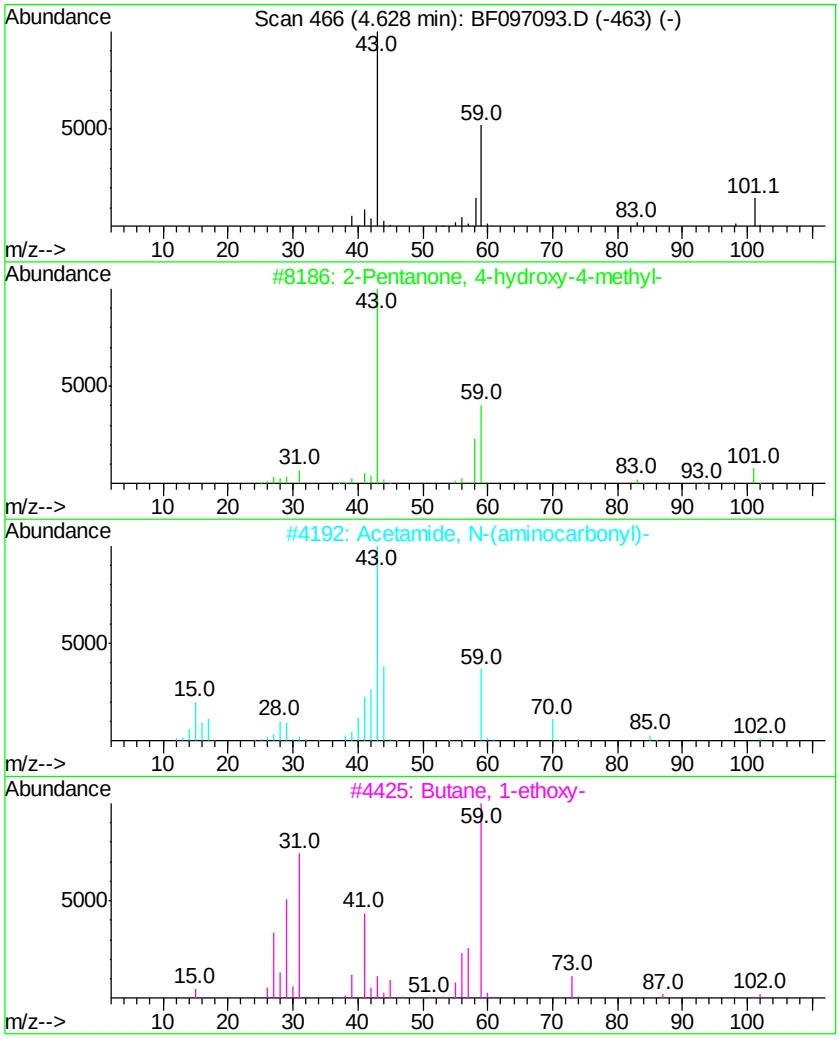
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

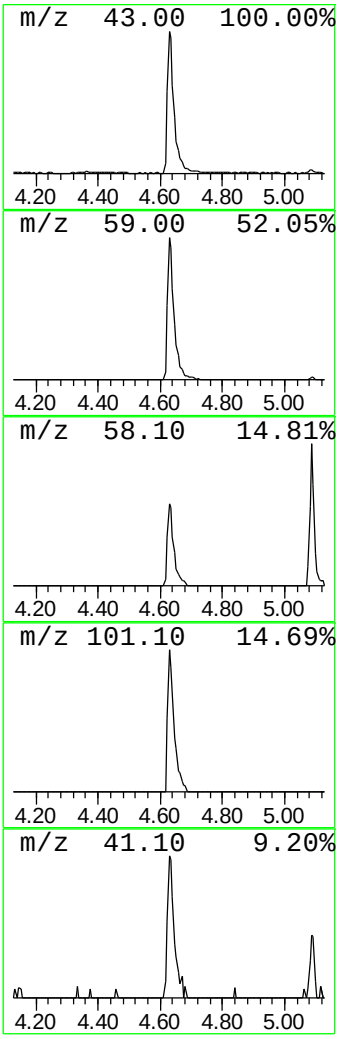
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	5.25 ng	173169	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097093.D
Acq On : 26 Jul 2017 23:33
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Sample : I4407-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

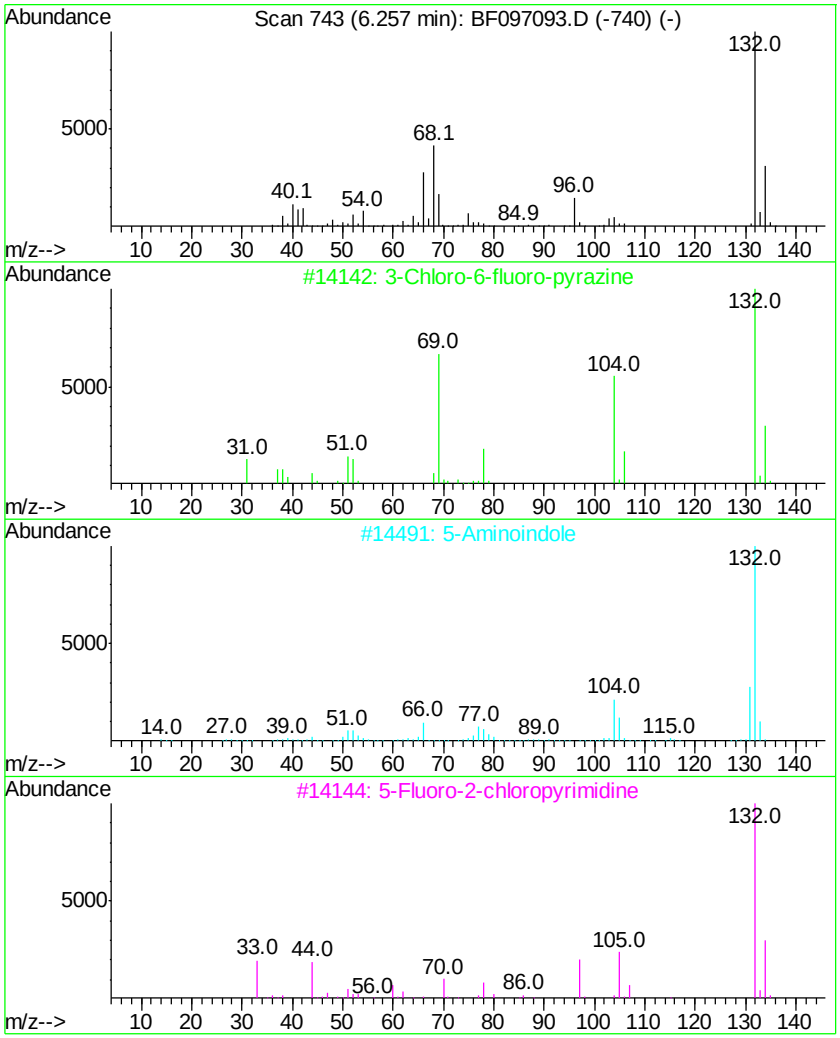
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

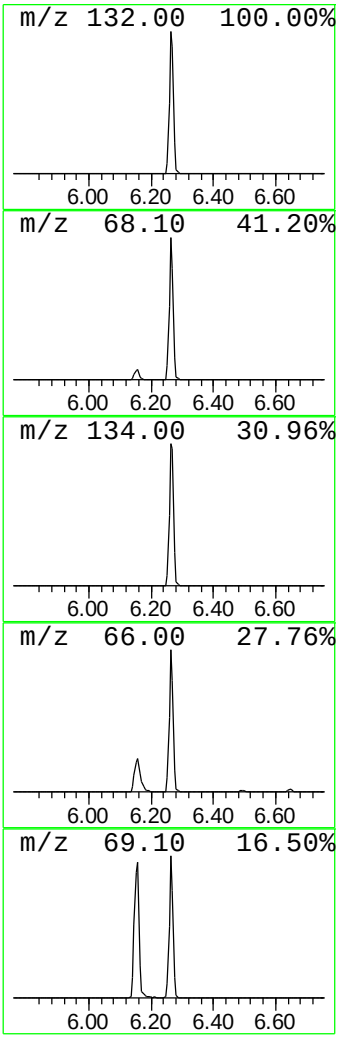
****

Peak Number 2 unknown6.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	57.56 ng	1897990	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF097093.D
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Operator : SJ/JU
Sample : I4407-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Integration Parameters: LSCINT.P

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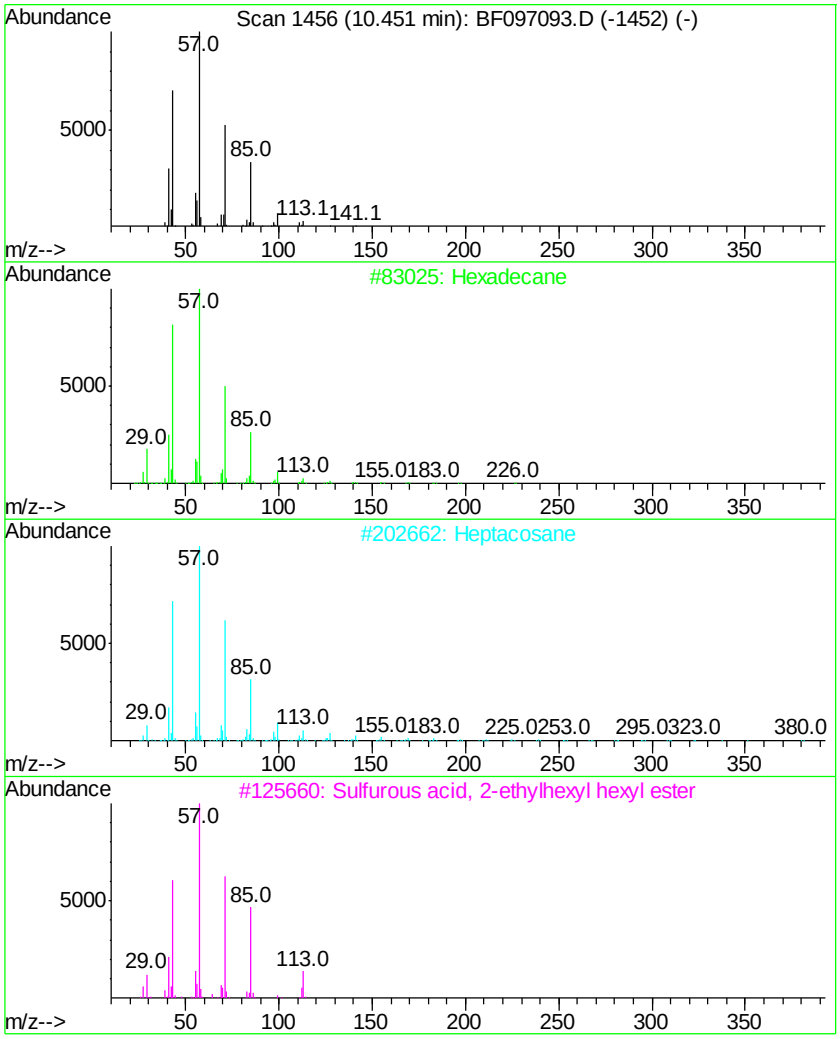
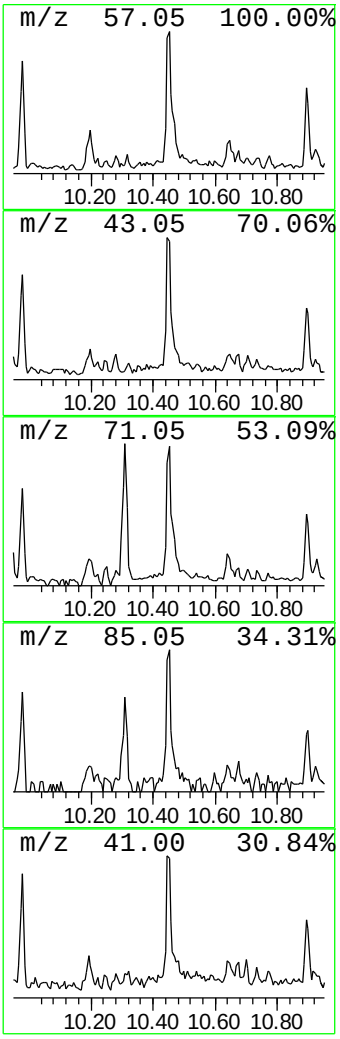
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.17 ng	89861	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptacosane	380	C27H56	000593-49-7	78
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tridecane	184	C13H28	000629-50-5	59





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Misc :
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Instrument : BNA_F
ClientSampleId : HDD-PILWC3

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TIC Library : C:\DATABASE\NIST11.L
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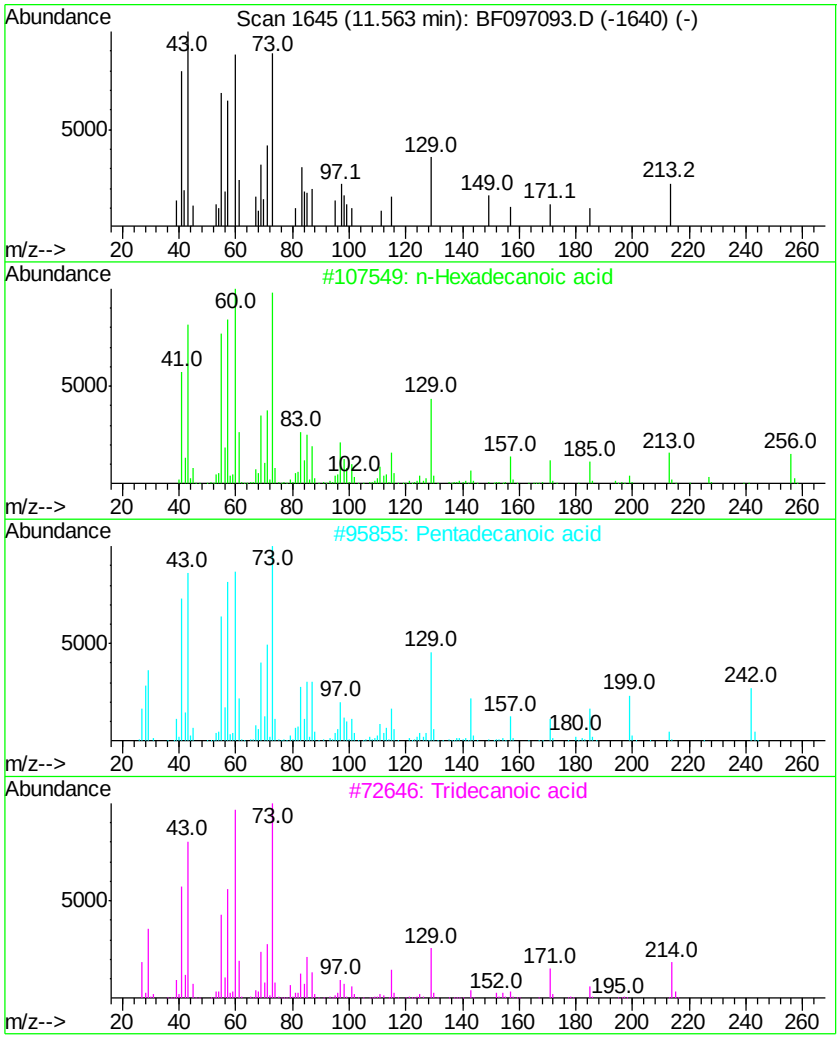
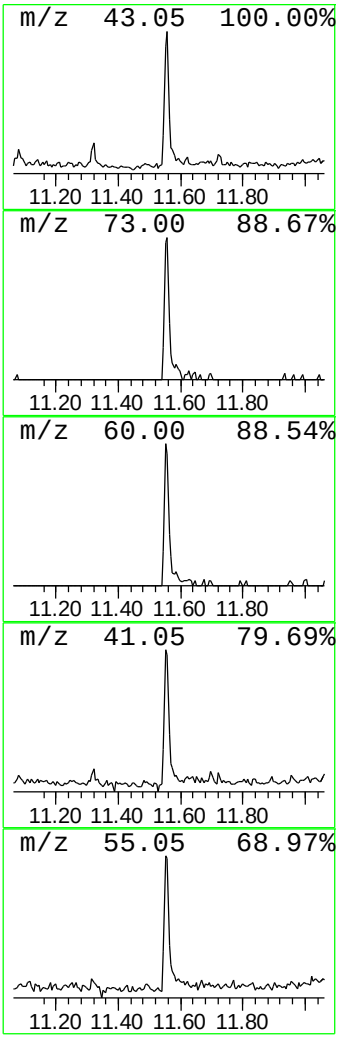
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.87 ng	118938	Phenanthrene-d10	11.00

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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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Operator : SJ/JU
Sample : I4407-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
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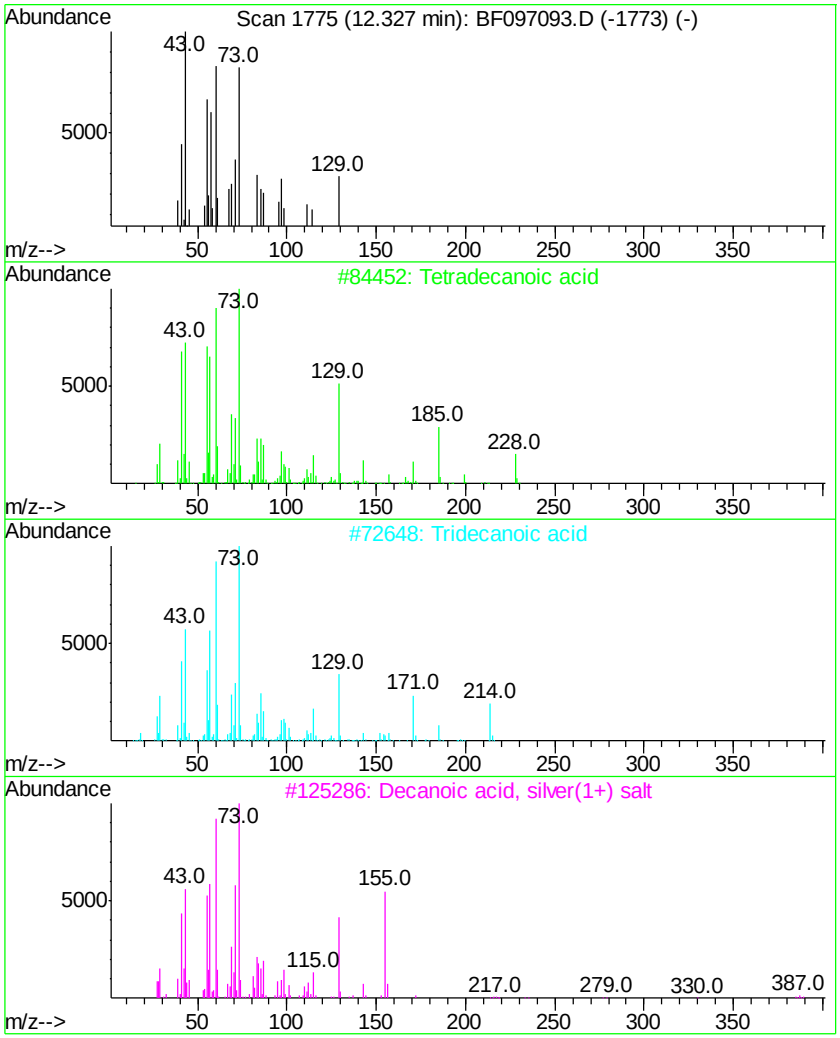
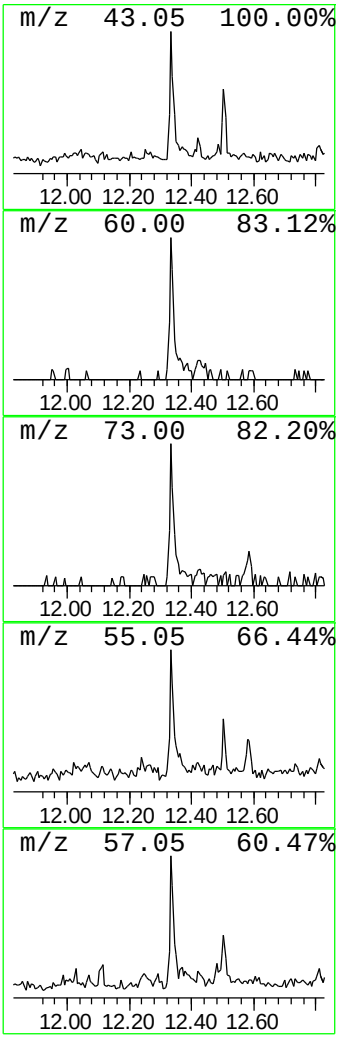
****

Peak Number 6 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.11 ng	72717	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	35





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

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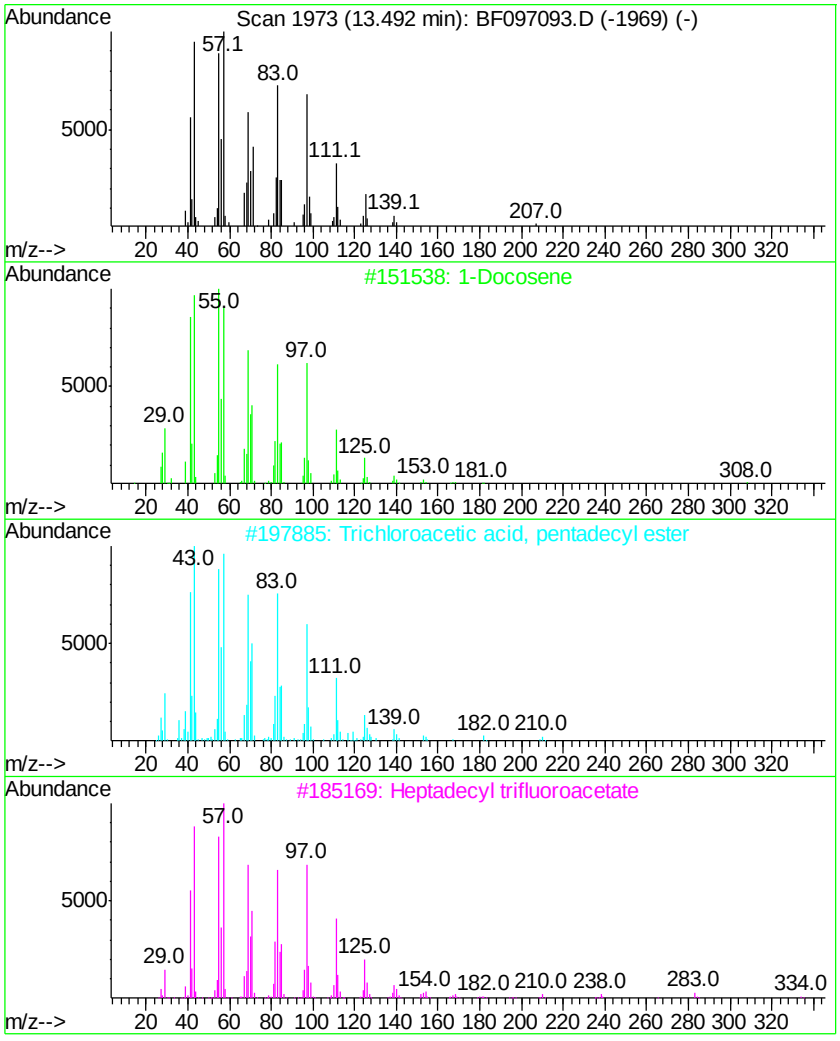
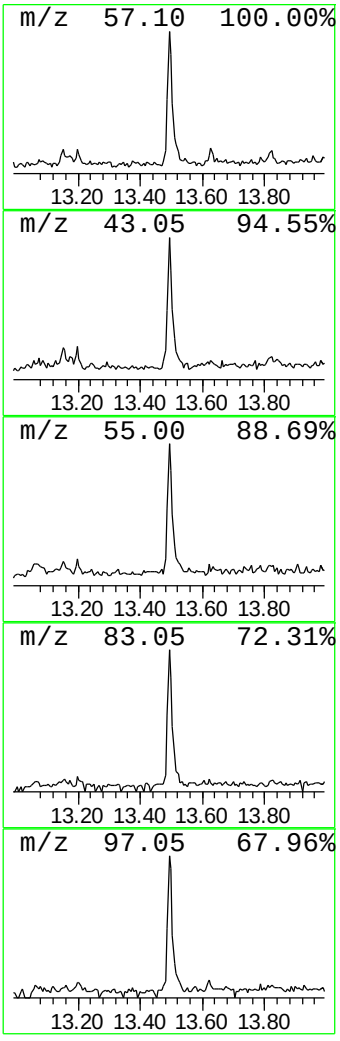
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.14 ng	142840	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





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...	4.63	5.3	ng	173169	1	6.49	659520	20.0
unknown6.26	6.26	57.6	ng	1897990	1	6.49	659520	20.0
Hexadecane	10.45	2.2	ng	89861	4	11.00	829118	20.0
n-Hexadecanoic acid	11.56	2.9	ng	118938	4	11.00	829118	20.0
Tetradecanoic acid	12.33	2.1	ng	72717	5	13.62	689742	20.0
1-Docosene	13.49	4.1	ng	142840	5	13.62	689742	20.0