LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094727.D
Acq On : 30 Apr 2017 20:58
Operator : SJ/MA
Sample : I2895-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-3.0-4.0

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	3.943	337	341	355	rBV	485452	642807	15.98%	1.992%
2	4.325	402	406	422	rBV	3231904	3423194	85.10%	10.609%
3	5.395	583	588	591	rBV	2817169	3489000	86.74%	10.813%
4	5.519	605	609	613	rBV	3279179	3580536	89.02%	11.097%
5	5.766	647	651	656	rBV	680863	587665	14.61%	1.821%
6	5.942	677	681	685	rBV	2849575	2766451	68.78%	8.574%
7	6.419	757	762	765	rBV	2200923	2254503	56.05%	6.987%
8	7.254	901	904	912	rBV	854173	811140	20.17%	2.514%
9	8.583	1124	1130	1133	rBV	3775747	4022364	100.00%	12.466%
10	9.083	1211	1215	1223	rBV	304117	283624	7.05%	0.879%
11	9.389	1260	1267	1276	rBV2	976471	990680	24.63%	3.070%
12	9.983	1365	1368	1372	rVB	56094	54070	1.34%	0.168%
13	10.372	1428	1434	1437	rBV	2137732	2329456	57.91%	7.220%
14	10.566	1464	1467	1470	rBV	78989	85015	2.11%	0.263%
15	11.124	1558	1562	1565	rBV	58701	56448	1.40%	0.175%
16	11.213	1573	1577	1587	rVB	996866	990637	24.63%	3.070%
17	11.948	1698	1702	1709	rBV2	85784	99356	2.47%	0.308%
18	13.024	1882	1885	1890	rVB2	51910	49561	1.23%	0.154%
19	13.195	1908	1914	1918	rBV	3052361	3890913	96.73%	12.059%
20	14.354	2106	2111	2123	rBV2	164929	295270	7.34%	0.915%
21	14.465	2125	2130	2141	rVB	760322	863101	21.46%	2.675%
22	15.136	2240	2244	2253	rBV5	21850	51230	1.27%	0.159%
23	16.089	2402	2406	2418	rBV	503350	602990	14.99%	1.869%
24	16.571	2484	2488	2494	rBV3	33576	45541	1.13%	0.141%

Sum of corrected areas: 32265552

LSC Report - Integrated Chromatogram

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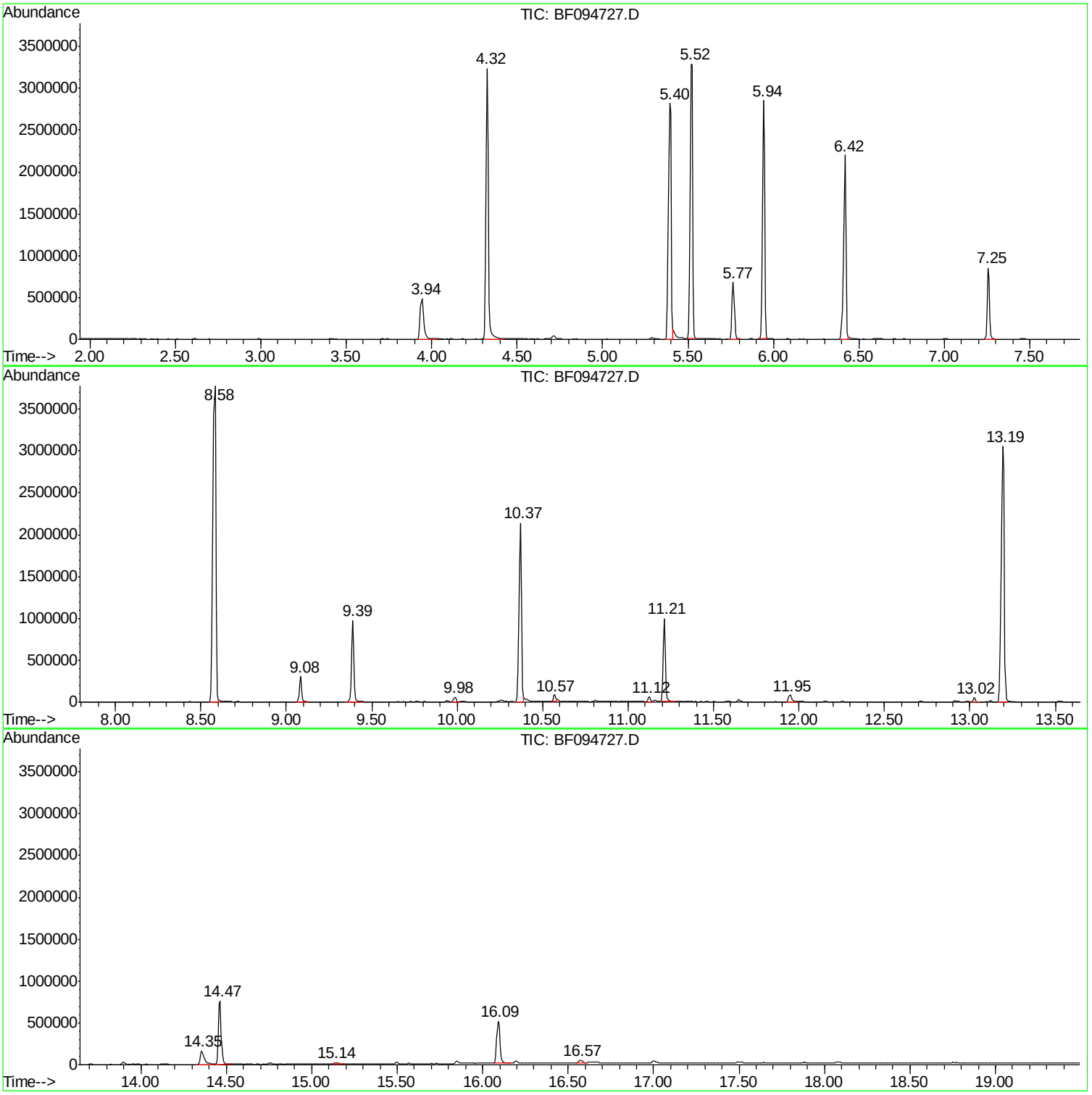
ClientSampleId : SB-02-3.0-4.0

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094727.D
Acq On : 30 Apr 2017 20:58
Operator : SJ/MA
Sample : I2895-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-3.0-4.0

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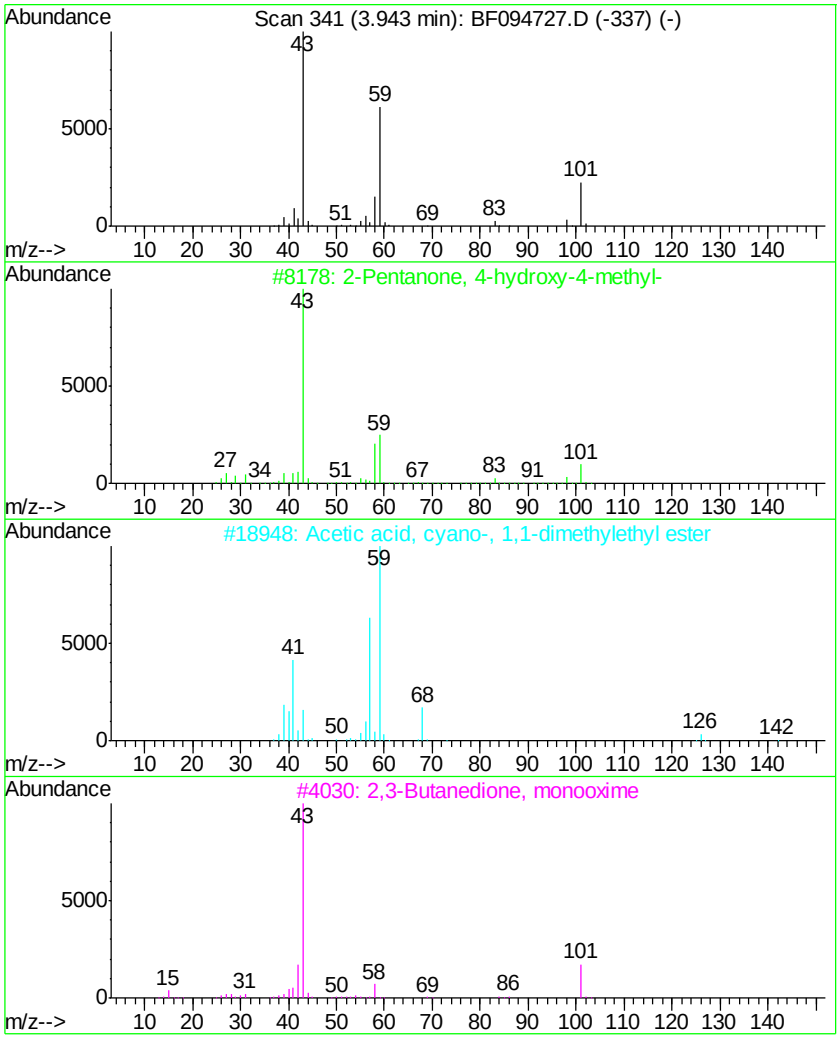
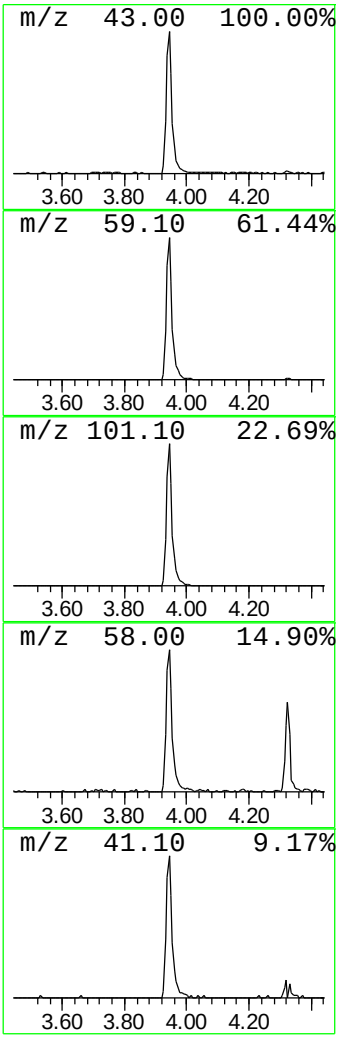
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	21.88 ng	642807	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ClientSampleId : SB-02-3.0-4.0

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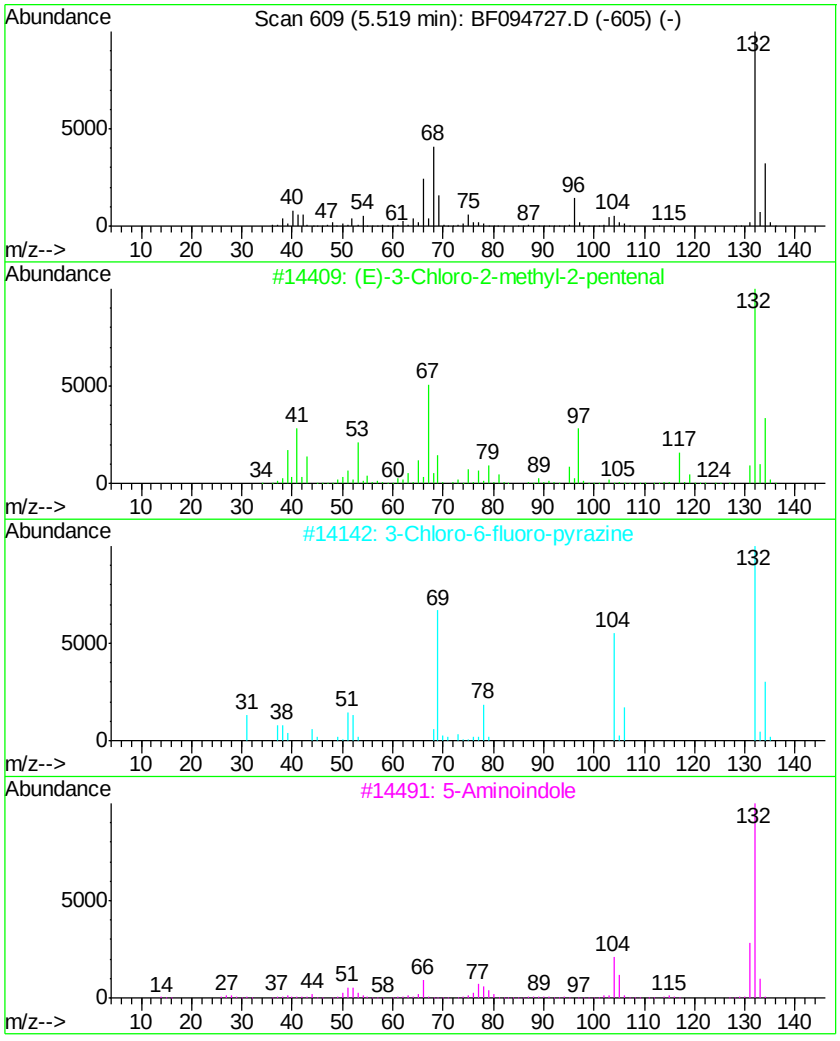
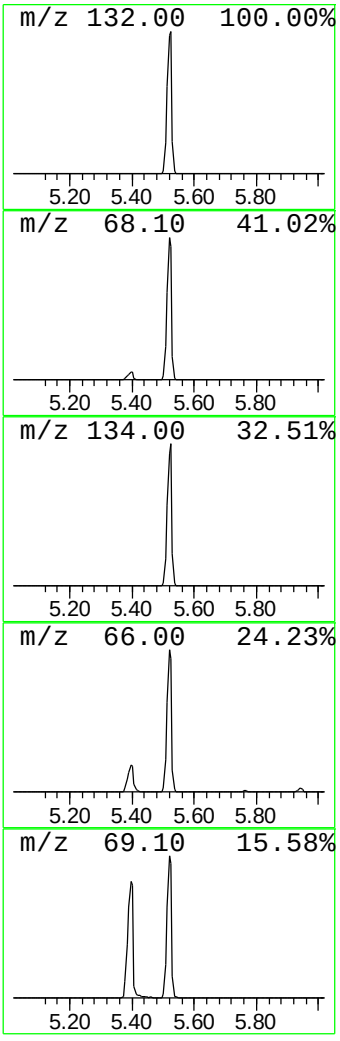
Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	121.86 ng	3580540	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Sample : I2895-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-02-3.0-4.0

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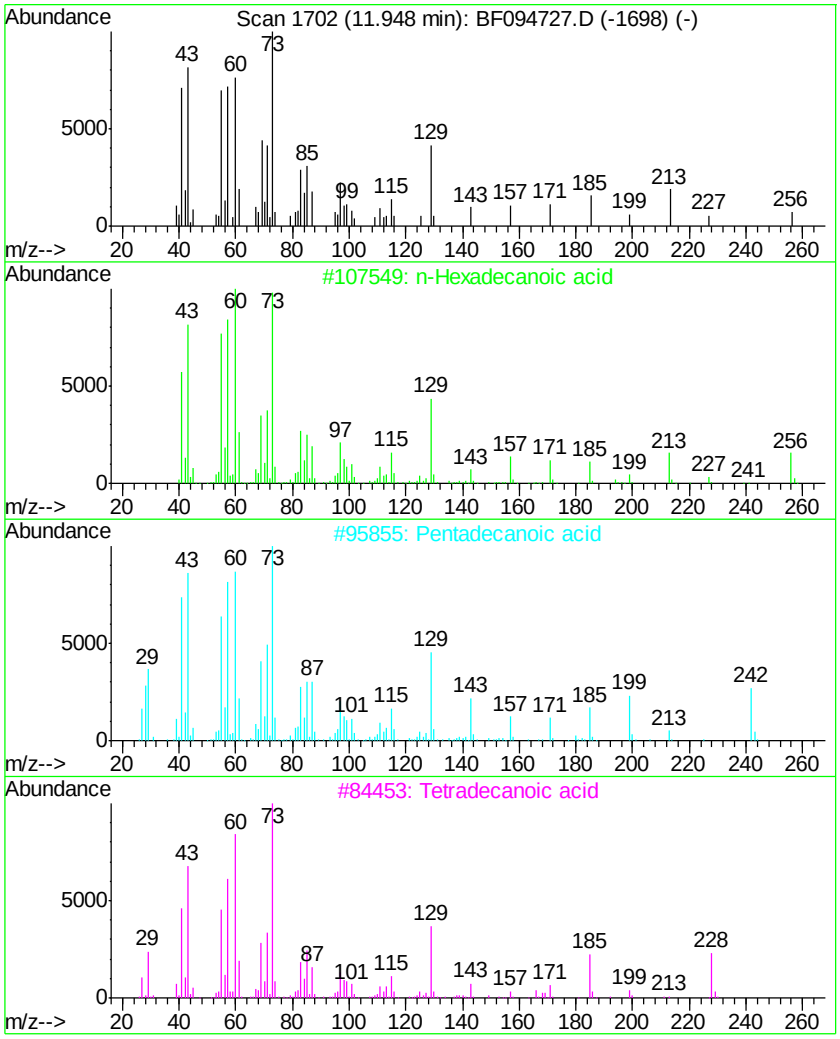
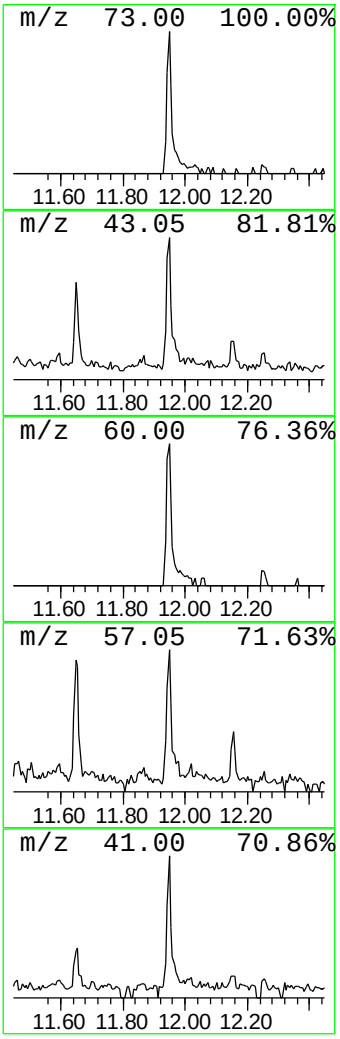
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.01 ng	99356	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





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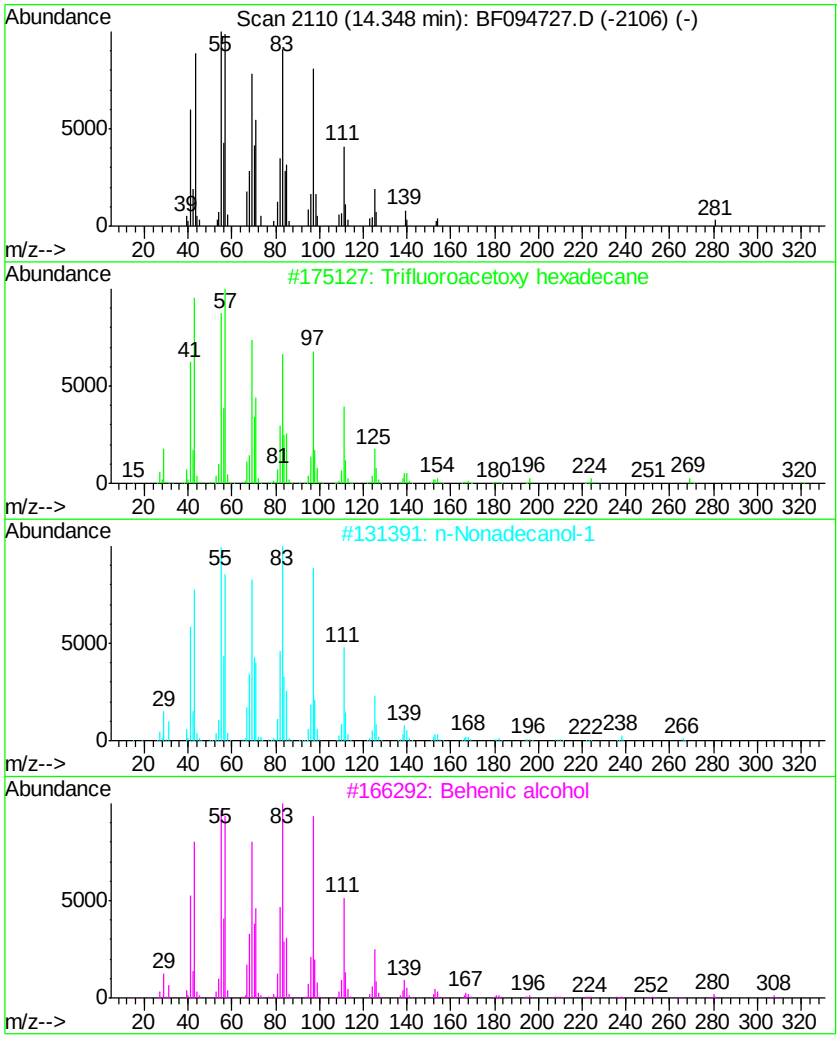
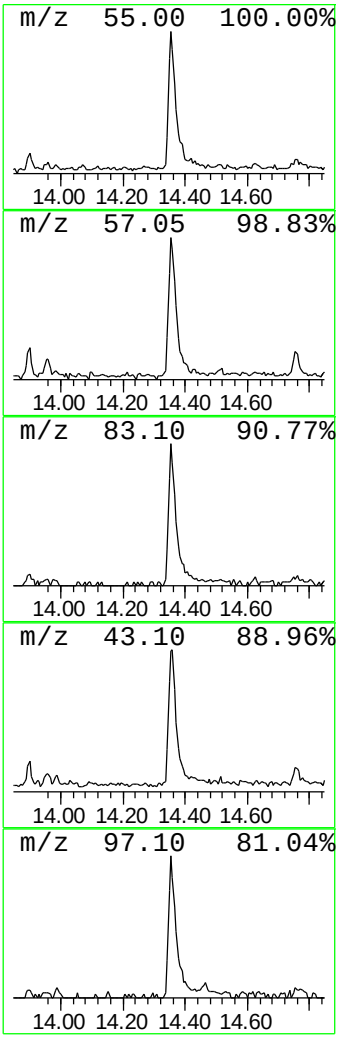
Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	6.84 ng	295270	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.94	21.9	ng	642807	1	5.77	587665	20.0
unknown5.52	5.52	121.9	ng	3580540	1	5.77	587665	20.0
n-Hexadecanoic acid	11.95	2.0	ng	99356	4	11.21	990637	20.0
Trifluoroacetoxy ...	14.35	6.8	ng	295270	5	14.47	863101	20.0