LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089584.D
Acq On : 4 Aug 2016 11:01
Operator : UM/SJ
Sample : H4321-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-PAH

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-BF080316.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	4.684	268	271	286	rVB	86171	192809	19.72%	2.560%
2	5.359	328	330	355	rBV	349532	792182	81.02%	10.517%
3	6.993	471	473	481	rBV	412877	761822	77.91%	10.114%
4	7.107	481	483	510	rVV	563114	977809	100.00%	12.982%
5	7.462	512	514	530	rVV	126919	223721	22.88%	2.970%
6	7.702	532	535	552	rVV	395439	669153	68.43%	8.884%
7	8.365	591	593	608	rBV	279875	491508	50.27%	6.525%
8	9.485	689	691	713	rBV	196592	312021	31.91%	4.143%
9	11.268	844	847	870	rBV	674608	866356	88.60%	11.502%
10	11.954	905	907	916	rBV	90957	123191	12.60%	1.636%
11	12.308	936	938	942	rBV	216786	322274	32.96%	4.279%
12	13.165	1011	1013	1016	rBB	9109	13040	1.33%	0.173%
13	13.600	1049	1051	1060	rBV	292744	396909	40.59%	5.270%
14	13.942	1079	1081	1088	rBB	14146	22659	2.32%	0.301%
15	14.708	1146	1148	1156	rVB	163851	232874	23.82%	3.092%
16	16.514	1304	1306	1312	rBB	18445	23311	2.38%	0.309%
17	16.811	1330	1332	1339	rBB	27033	34164	3.49%	0.454%
18	17.063	1352	1354	1359	rBV	366001	433185	44.30%	5.751%
19	18.331	1463	1465	1469	rBV	13603	26933	2.75%	0.358%
20	18.400	1469	1471	1477	rBV	171355	239274	24.47%	3.177%
21	19.554	1570	1572	1576	rVB	9650	14354	1.47%	0.191%
22	19.669	1579	1582	1589	rVB	14531	35246	3.60%	0.468%
23	19.852	1595	1598	1600	rBV	24734	30144	3.08%	0.400%
24	19.954	1605	1607	1610	rBV	9798	12183	1.25%	0.162%
25	20.012	1610	1612	1614	rVV	12719	20395	2.09%	0.271%
26	20.069	1614	1617	1626	rVB	146433	248512	25.42%	3.299%
27	20.595	1660	1663	1669	rVB3	6446	16153	1.65%	0.214%

Sum of corrected areas: 7532182

LSC Report - Integrated Chromatogram

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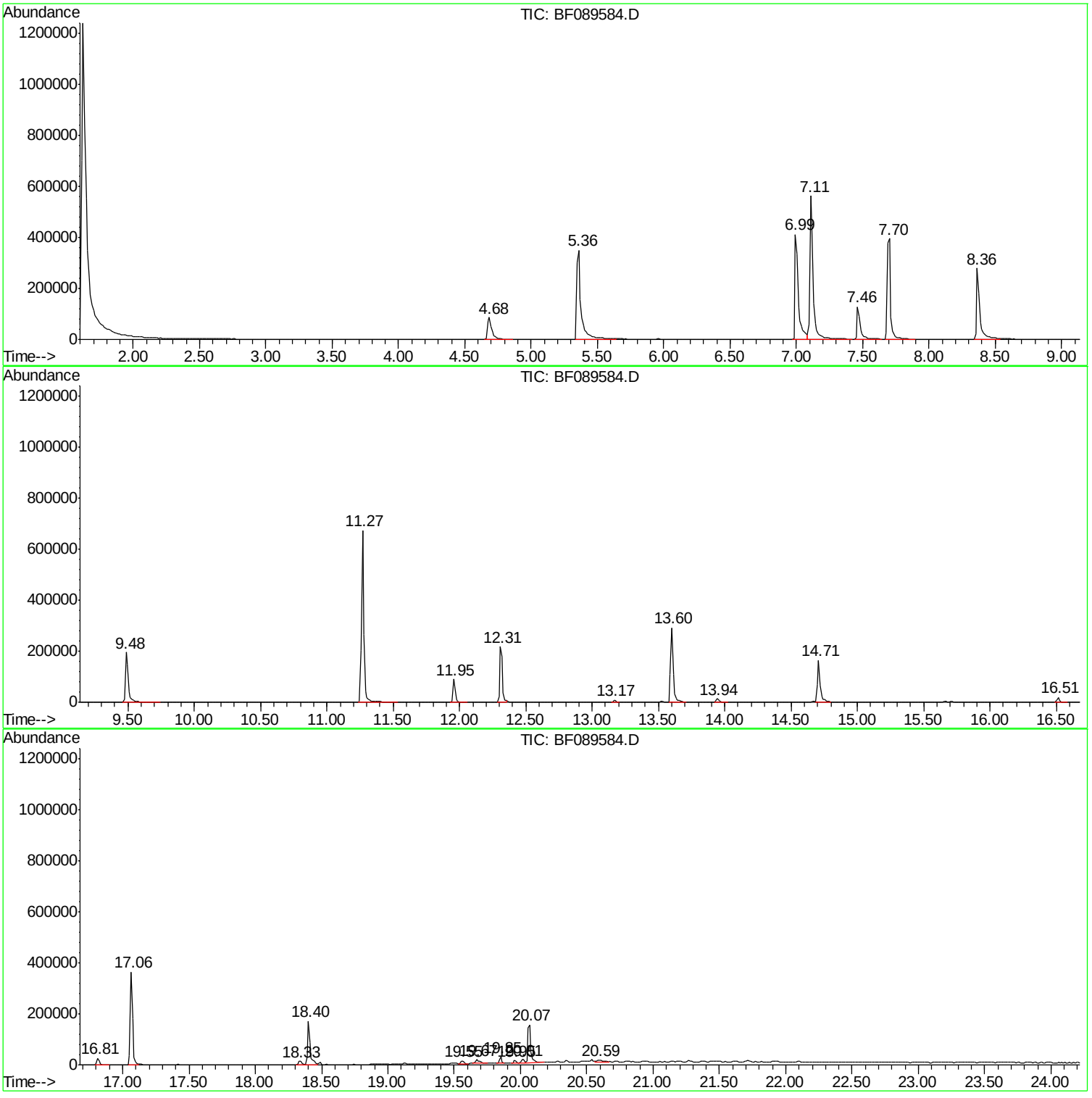
ClientSampleId : 1-PAH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.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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Operator : UM/SJ
Sample : H4321-01
Misc :
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Instrument : BNA_F
ClientSampleId : 1-PAH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.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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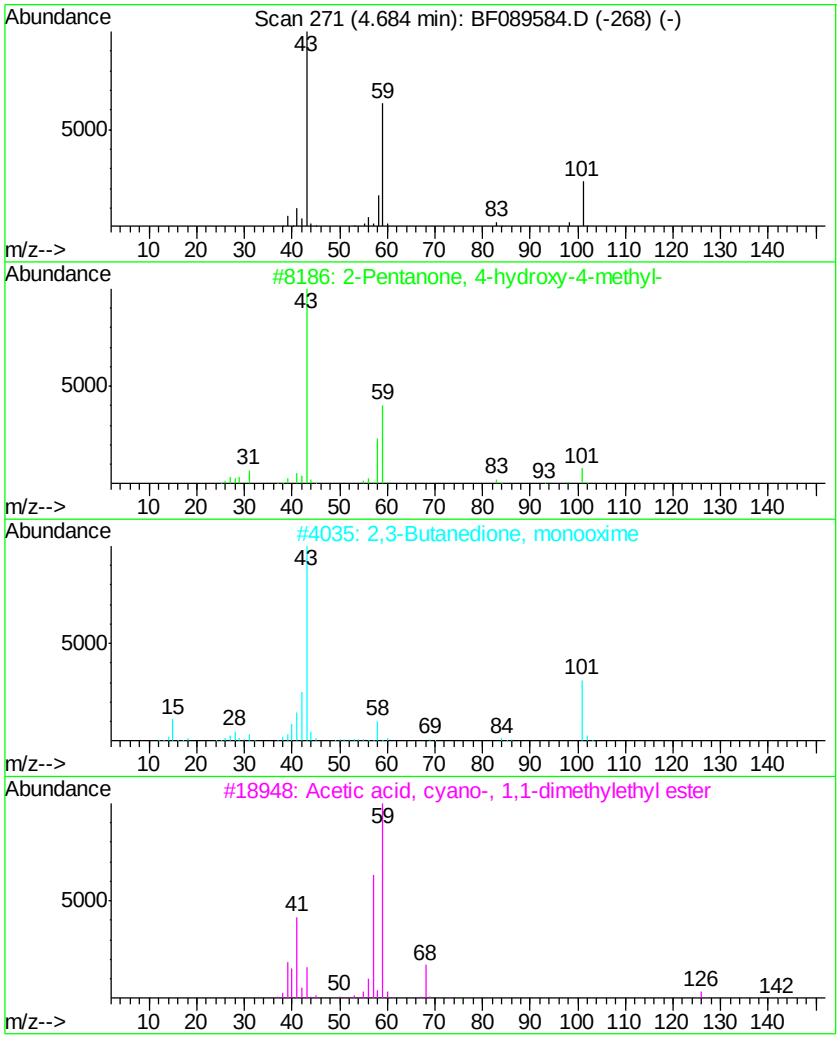
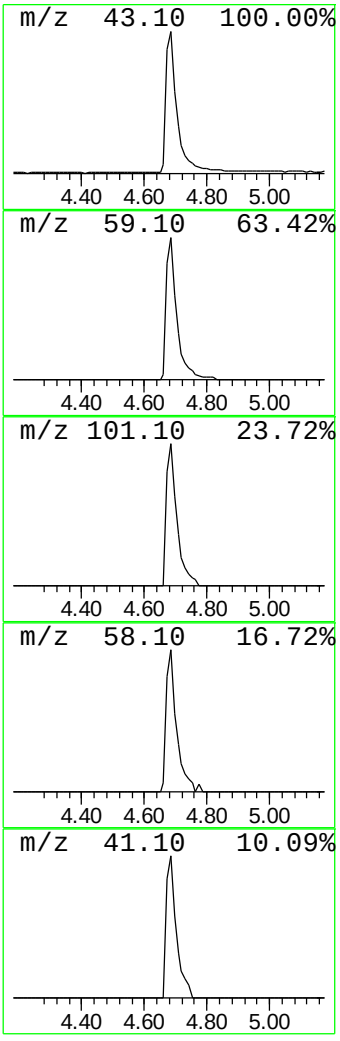
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	17.24 ng	192809	1,4-Dichlorobenzene-d4	7.46

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	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : 1-PAH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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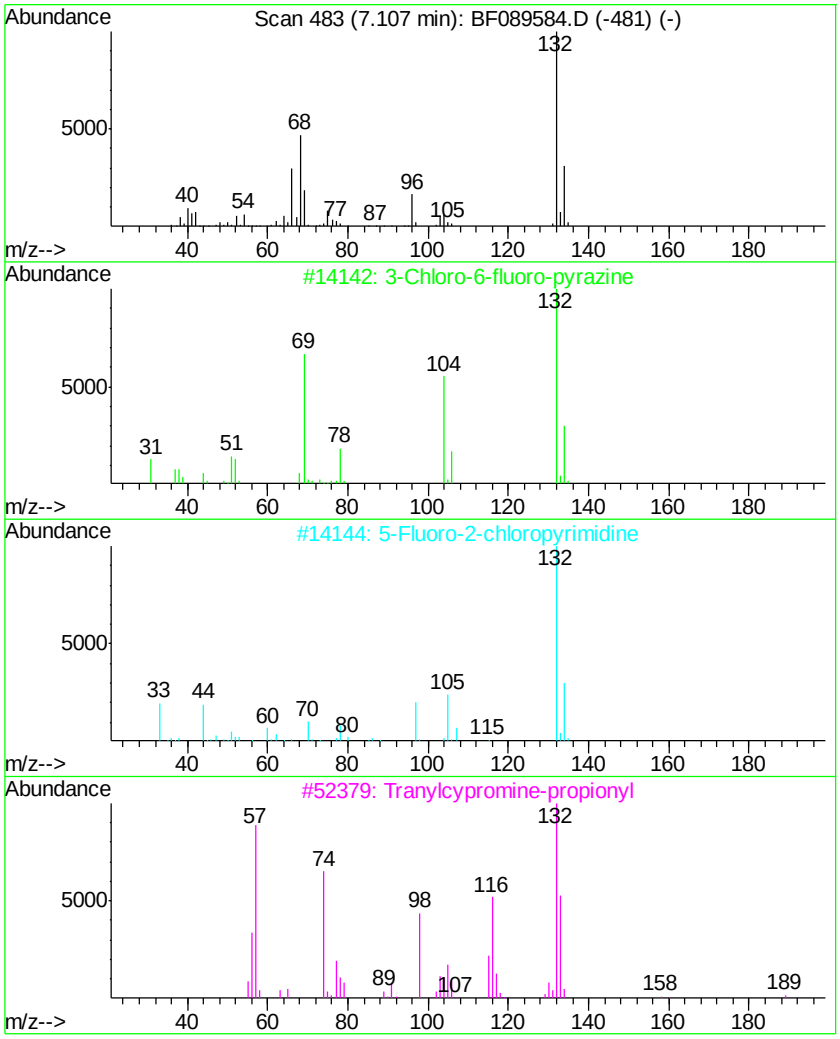
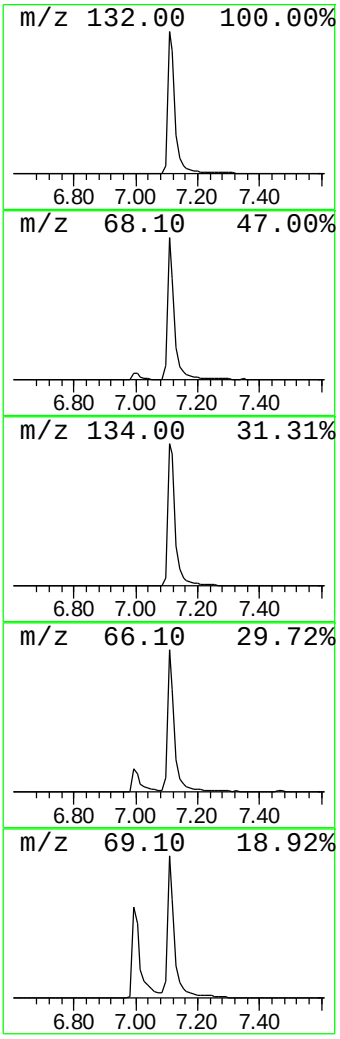
Peak Number 2 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	87.41 ng	977809	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H4321-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-PAH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.M
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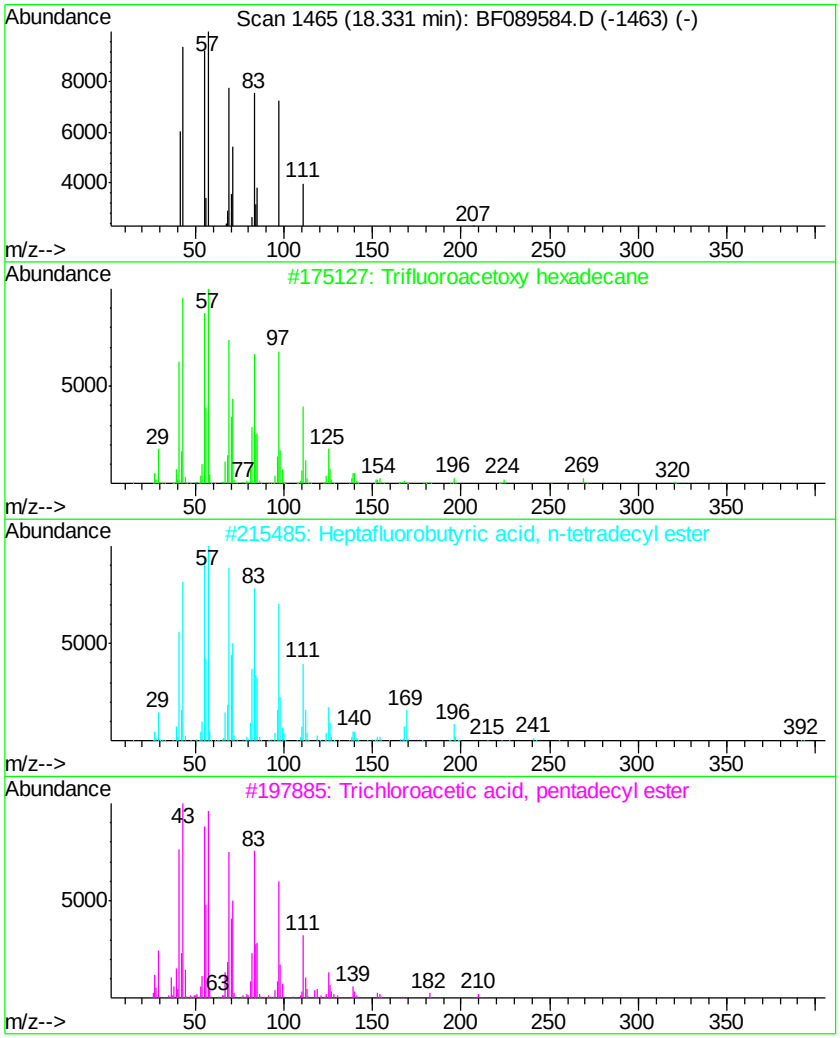
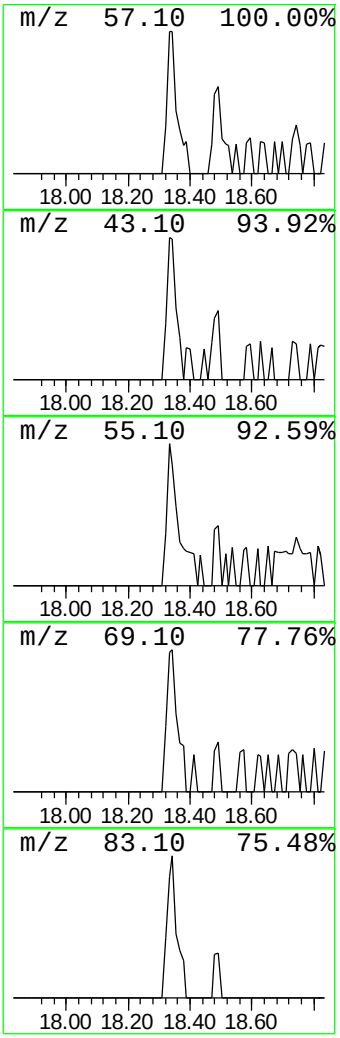
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.25 ng	26933	Chrysene-d12	18.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	86





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.M
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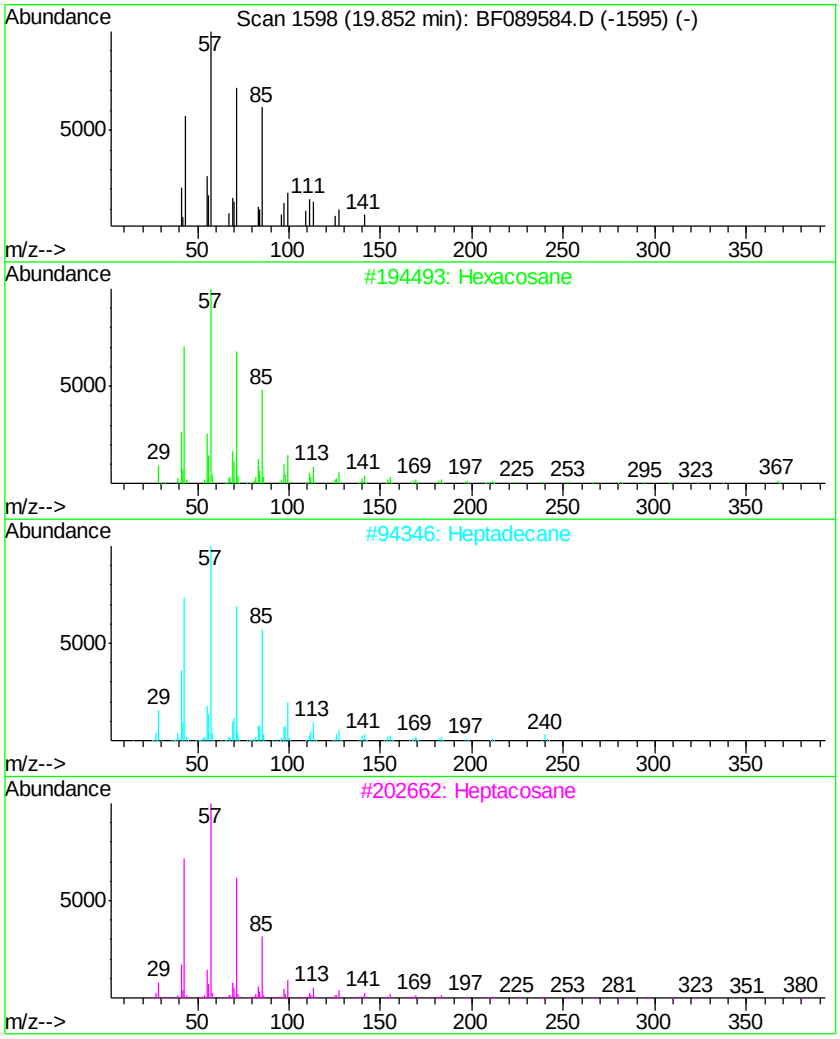
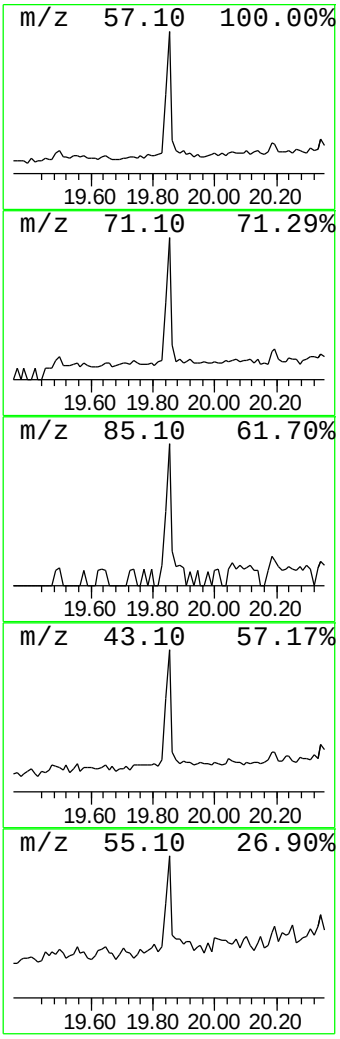
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.43 ng	30144	Perylene-d12	20.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Heptadecane	240	C17H36	000629-78-7	80
3	Heptacosane	380	C27H56	000593-49-7	78
4	Octadecane	254	C18H38	000593-45-3	72
5	Heneicosane	296	C21H44	000629-94-7	72





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...	4.68	17.2	ng	192809	1	7.46	223721	20.0
unknown7.11	7.11	87.4	ng	977809	1	7.46	223721	20.0
Trifluoroacetoxy ...	18.33	2.3	ng	26933	5	18.40	239274	20.0
Hexacosane	19.85	2.4	ng	30144	6	20.07	248512	20.0