LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113155.D
Acq On : 20 Mar 2019 5:56
Operator : JU/SJ
Sample : K1948-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-025-SW081-031319

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.345	549	554	557	rBV	3451927	3752249	93.85%	11.579%
2	6.375	723	729	732	rBV	3424244	3926414	98.20%	12.116%
3	6.498	745	750	753	rBV	4010952	3907919	97.74%	12.059%
4	6.557	758	760	771	rVB	70256	79217	1.98%	0.244%
5	6.722	784	788	791	rBV	1169737	945314	23.64%	2.917%
6	6.881	810	815	818	rBV	3316127	2960428	74.04%	9.135%
7	7.286	878	884	887	rBV	2434662	2382559	59.59%	7.352%
8	8.004	1001	1006	1023	rBV	1136082	1109225	27.74%	3.423%
9	9.080	1183	1189	1192	rBV	4497799	3998226	100.00%	12.338%
10	9.474	1252	1256	1263	rBV	316983	330818	8.27%	1.021%
11	9.751	1300	1303	1311	rVB	1194481	1176887	29.44%	3.632%
12	9.939	1329	1335	1345	rVB5	32789	52925	1.32%	0.163%
13	10.539	1433	1437	1449	rBV	1954867	1908677	47.74%	5.890%
14	11.233	1551	1555	1562	rBV	1033733	978924	24.48%	3.021%
15	11.768	1643	1646	1658	rBV2	136264	167636	4.19%	0.517%
16	12.557	1775	1780	1789	rBV7	31655	61518	1.54%	0.190%
17	12.815	1819	1824	1827	rBV	3083280	2858309	71.49%	8.820%
18	13.733	1975	1980	1991	rBV5	50087	126684	3.17%	0.391%
19	13.862	1998	2002	2011	rVB	932457	895746	22.40%	2.764%
20	14.639	2131	2134	2139	rVB	55127	57992	1.45%	0.179%
21	14.951	2184	2187	2194	rVB	60815	62590	1.57%	0.193%
22	15.274	2237	2242	2245	rBV	461420	613749	15.35%	1.894%
23	15.709	2313	2316	2322	rVB	38849	52931	1.32%	0.163%

Sum of corrected areas: 32406937

LSC Report - Integrated Chromatogram

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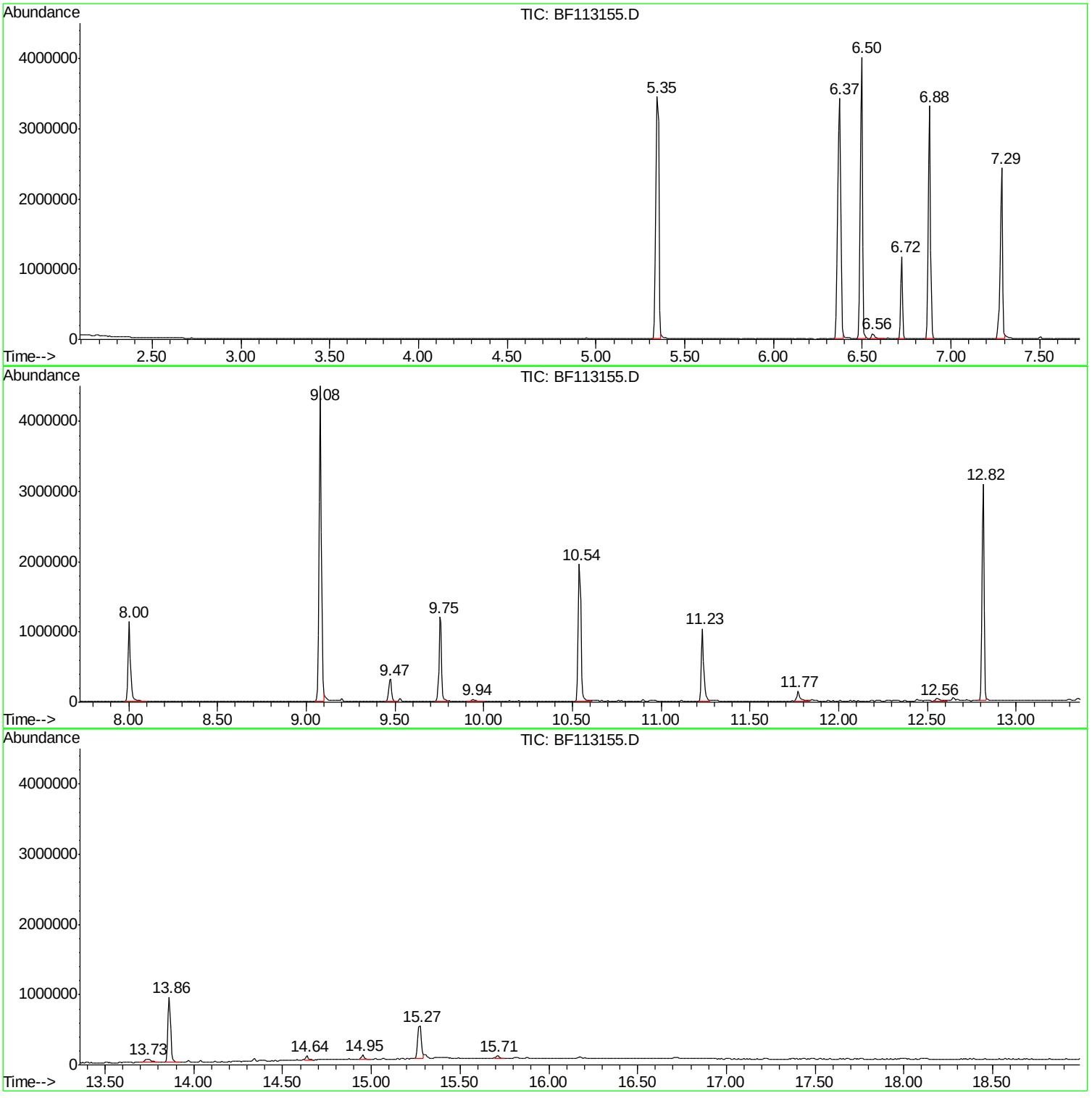
ClientSampleId :
PST-025-SW081-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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

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ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-025-SW081-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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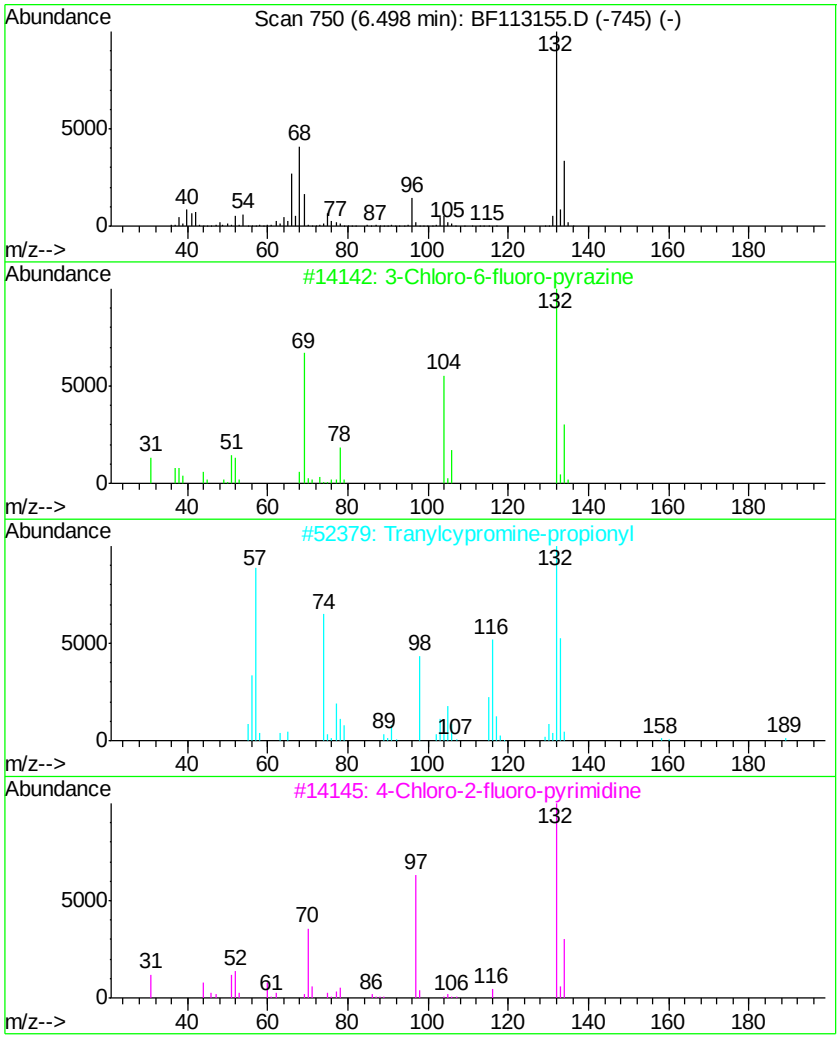
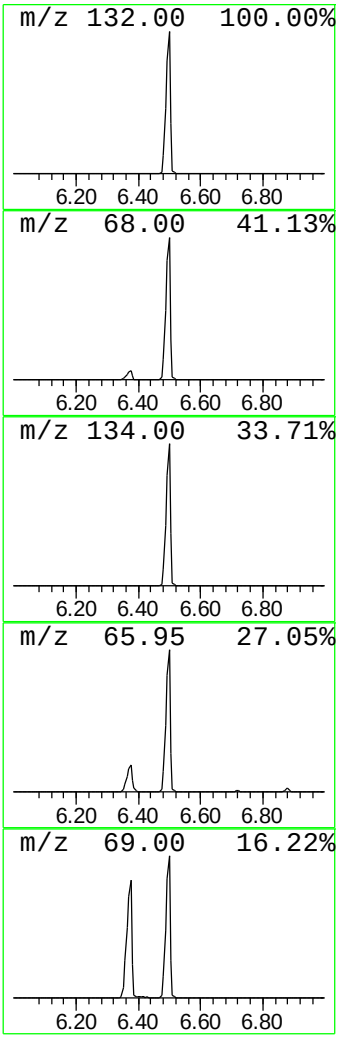
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	82.68 ng	3907920	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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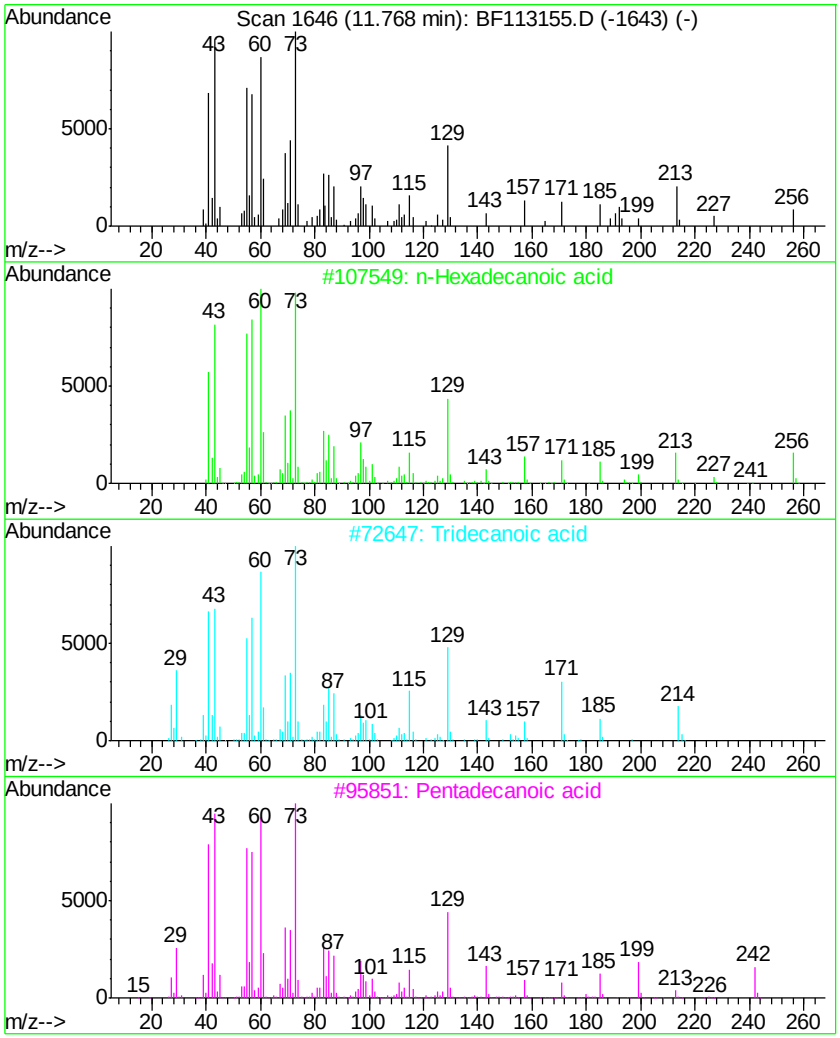
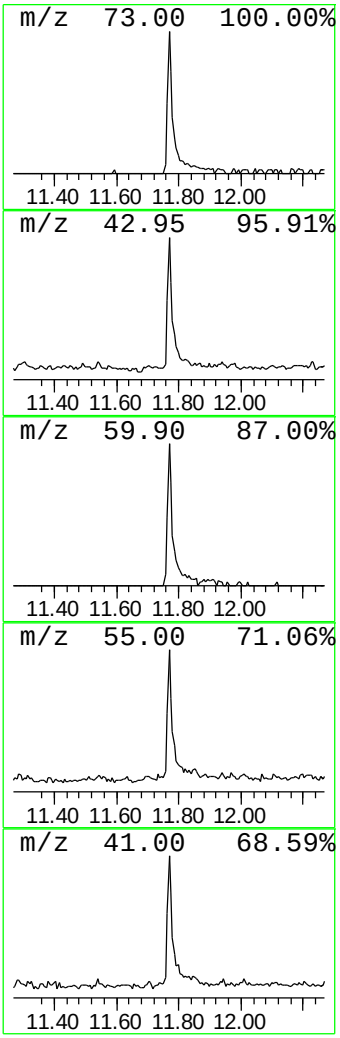
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.42 ng	167636	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





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Instrument : BNA_F
ClientSampleId : PST-025-SW081-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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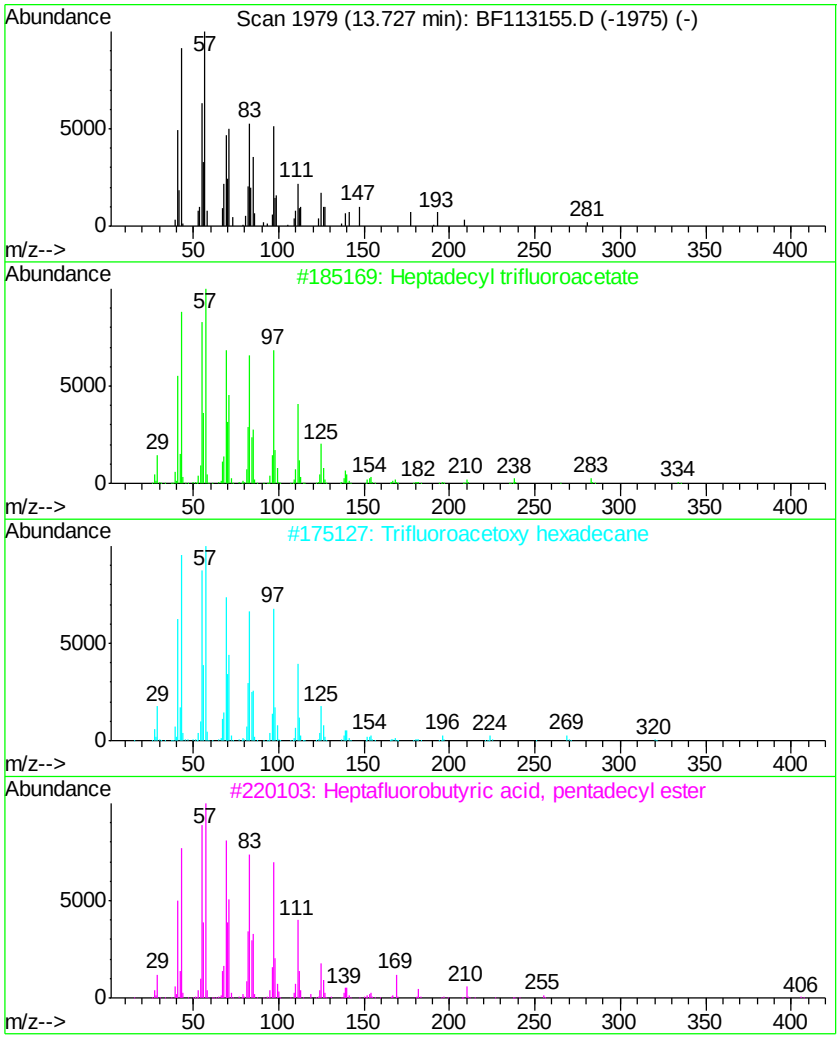
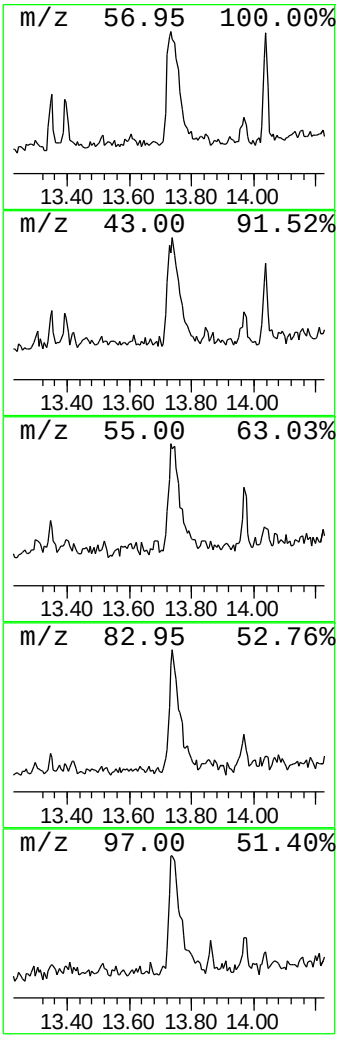
Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.83 ng	126684	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93





Library Search Compound Report

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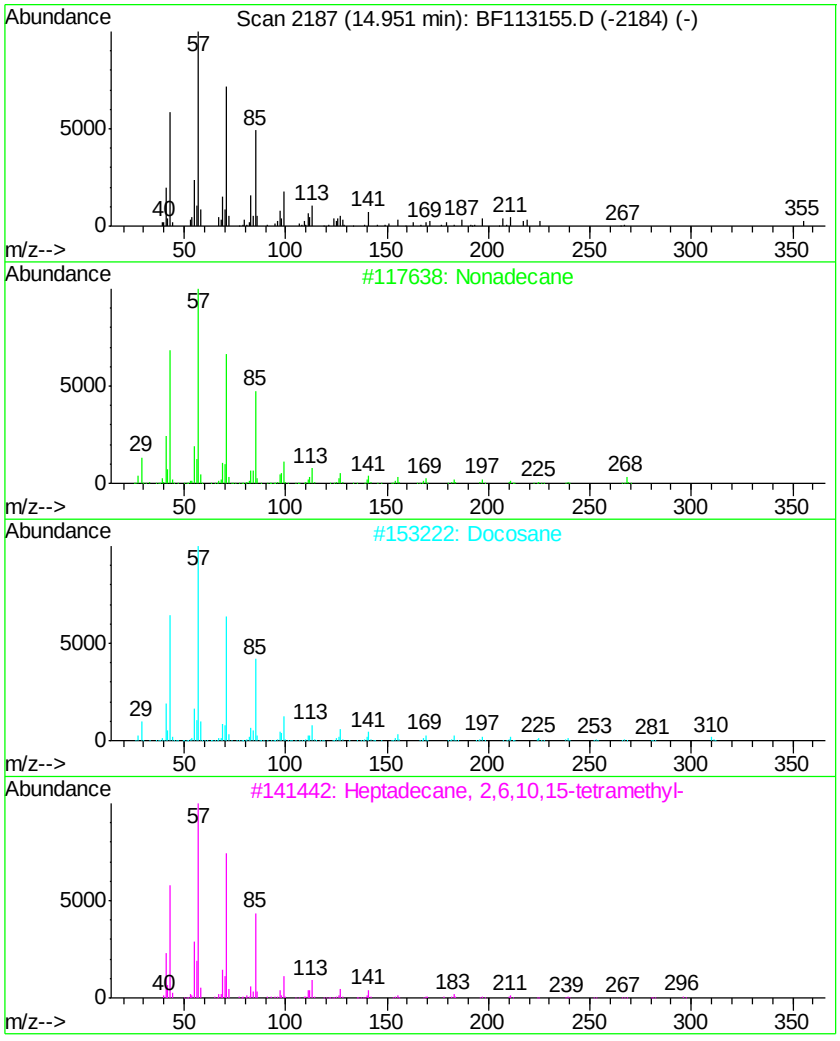
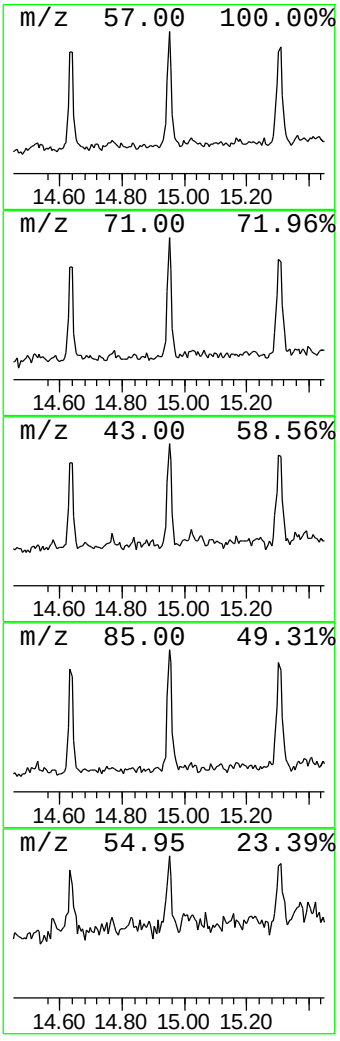
Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.04 ng	62590	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Docosane	310	C22H46	000629-97-0	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heneicosane	296	C21H44	000629-94-7	83





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
unknown6.50	6.50	82.7	ng	3907920	1	6.72	945314	20.0
n-Hexadecanoic acid	11.77	3.4	ng	167636	4	11.23	978924	20.0
Heptadecyl triflu...	13.73	2.8	ng	126684	5	13.86	895746	20.0
Nonadecane	14.95	2.0	ng	62590	6	15.27	613749	20.0