LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111367.D
Acq On : 13 Dec 2018 13:34
Operator : JU/SJ
Sample : J6214-33
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-4

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-BF121218.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	4.022	325	329	336	rVB	48117	61461	1.01%	0.138%
2	4.981	490	492	500	rVB	109921	114937	1.89%	0.258%
3	5.404	560	564	577	rBV	2392895	2225476	36.52%	5.001%
4	6.422	733	737	749	rBV	1868802	1607855	26.39%	3.613%
5	6.563	756	761	764	rBV	4751789	4111326	67.47%	9.238%
6	6.792	796	800	803	rBV	1529301	1223911	20.09%	2.750%
7	6.951	823	827	830	rBV	4124930	3587343	58.87%	8.061%
8	7.351	890	895	898	rBV	3540539	3307449	54.28%	7.432%
9	8.075	1014	1018	1021	rBV	2005933	1644842	26.99%	3.696%
10	9.151	1197	1201	1204	rBV	6385222	5823406	95.57%	13.085%
11	9.539	1264	1267	1271	rBV	99033	87825	1.44%	0.197%
12	9.828	1312	1316	1320	rBV2	2300889	1999131	32.81%	4.492%
13	10.616	1445	1450	1453	rBV	4031594	3817345	62.65%	8.578%
14	11.310	1564	1568	1572	rBV	2460280	2120717	34.80%	4.765%
15	11.845	1655	1659	1670	rBV	1115705	1135359	18.63%	2.551%
16	12.533	1772	1776	1778	rBV4	64975	73902	1.21%	0.166%
17	12.633	1789	1793	1805	rBV	708568	807512	13.25%	1.814%
18	12.904	1834	1839	1842	rBV	6087823	6093487	100.00%	13.692%
19	13.804	1988	1992	1999	rBV	348416	474622	7.79%	1.066%
20	13.951	2012	2017	2020	rBV	1894539	1867191	30.64%	4.196%
21	14.392	2088	2092	2096	rBV4	70086	103953	1.71%	0.234%
22	14.433	2096	2099	2105	rVB2	112972	133748	2.19%	0.301%
23	14.733	2147	2150	2153	rBV	129952	117375	1.93%	0.264%
24	15.063	2203	2206	2212	rVB	149912	172048	2.82%	0.387%
25	15.386	2256	2261	2266	rBV	1204532	1485715	24.38%	3.338%
26	15.427	2266	2268	2274	rVB2	133165	163271	2.68%	0.367%
27	15.857	2337	2341	2345	rVB	102355	142383	2.34%	0.320%

Sum of corrected areas: 44503590

LSC Report - Integrated Chromatogram

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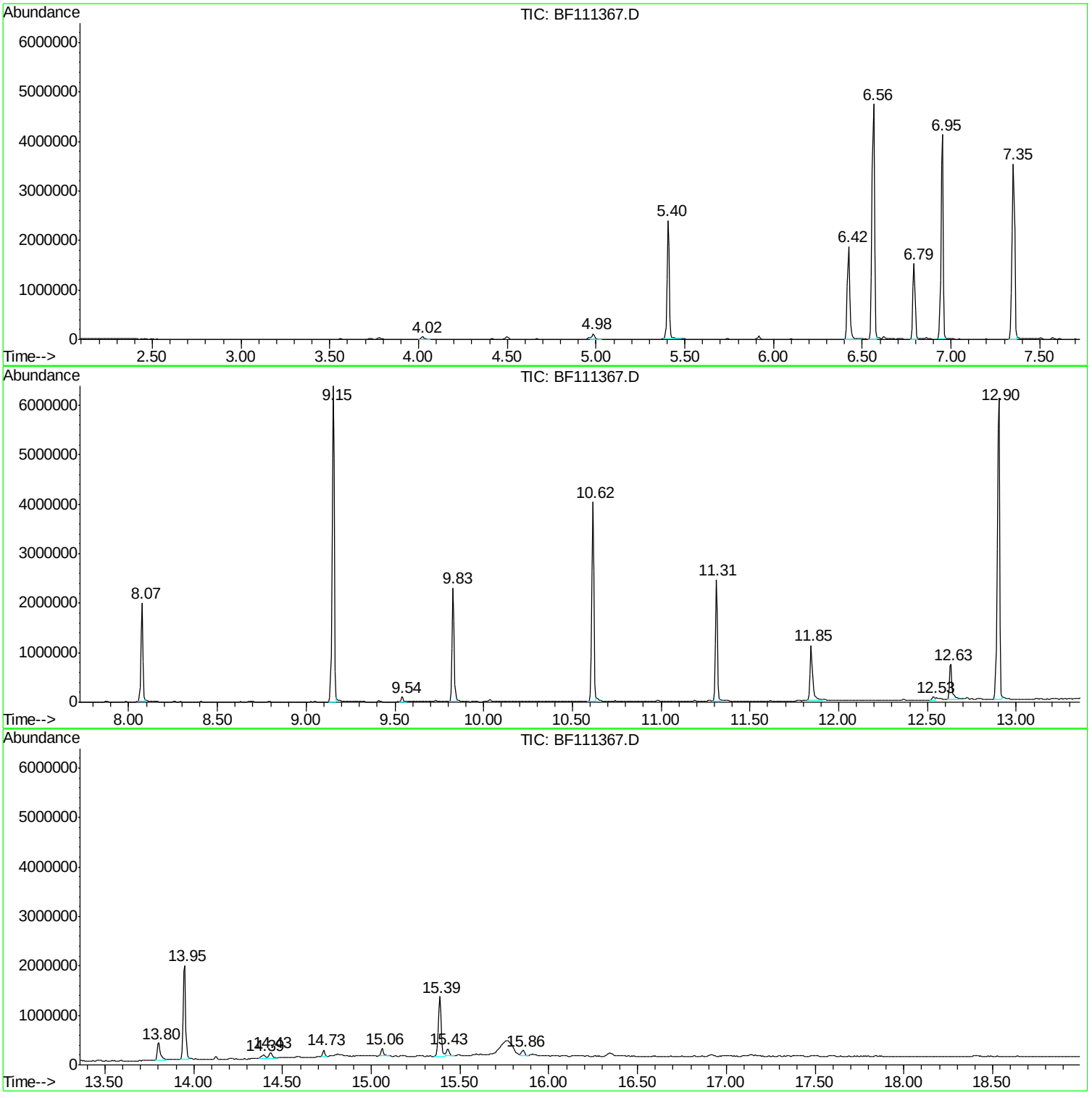
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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Sample : J6214-33
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Instrument : BNA_F
ClientSampleId : TW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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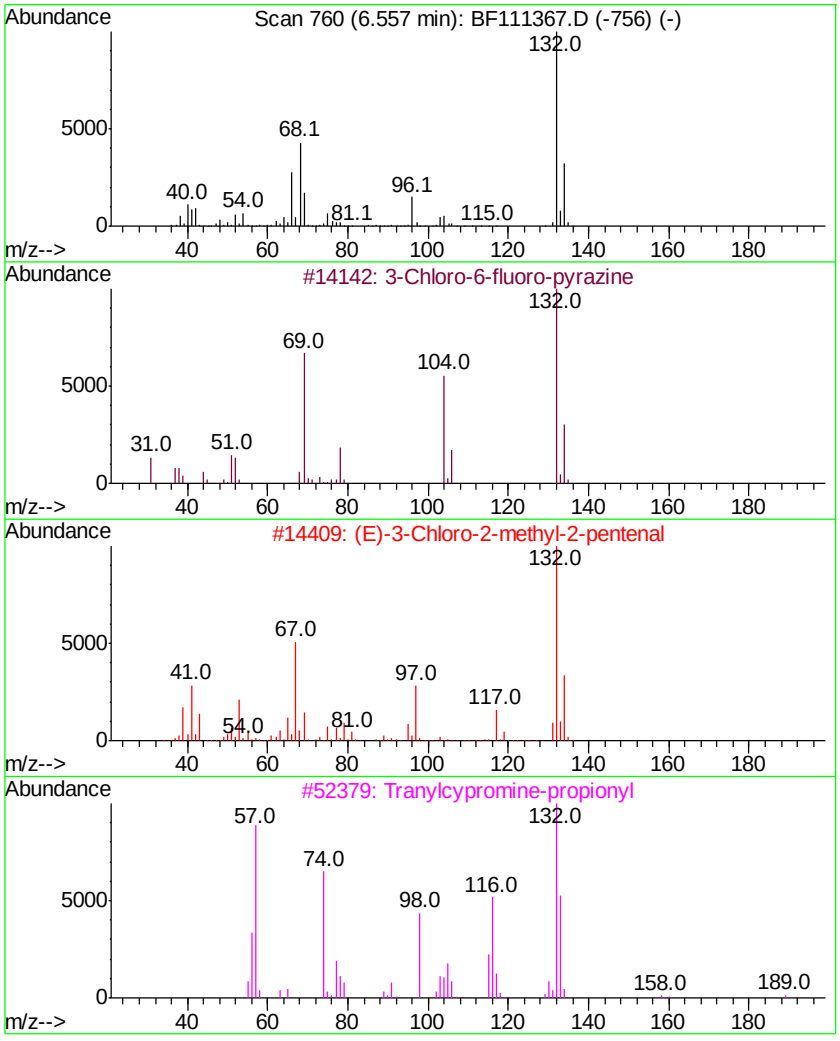
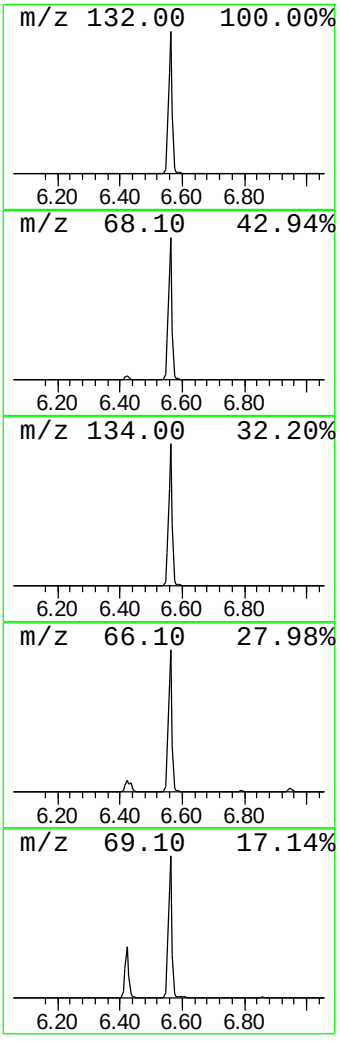
Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	67.18 ng	4111330	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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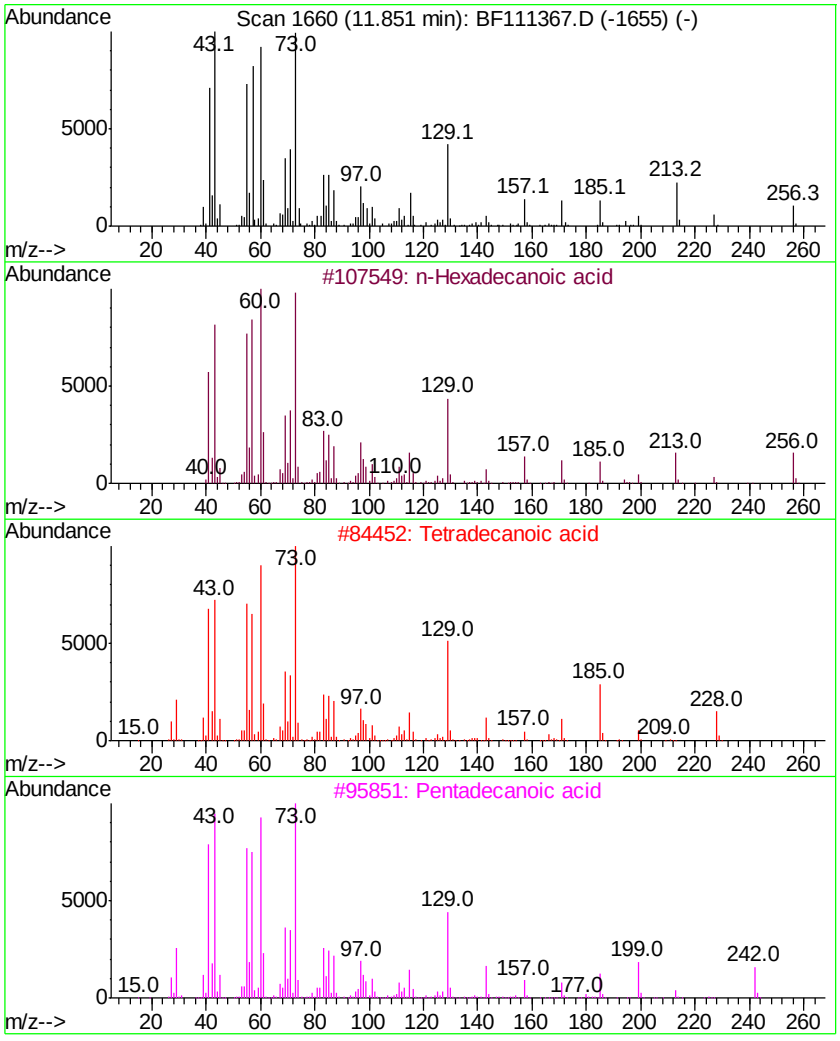
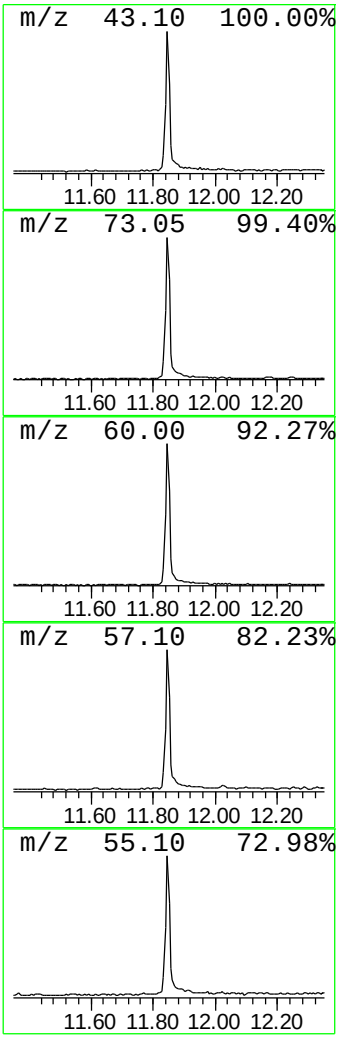
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	10.71 ng	1135360	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

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Operator : JU/SJ
Sample : J6214-33
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
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TIC Integration Parameters: LSCINT.P

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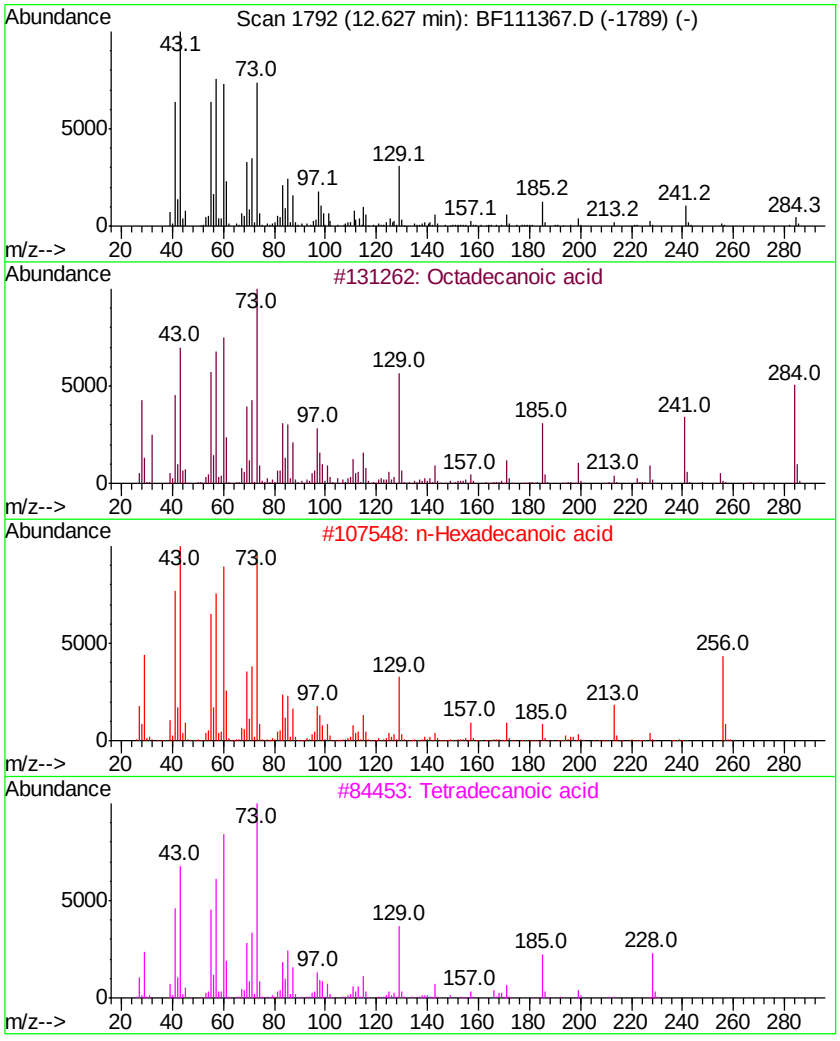
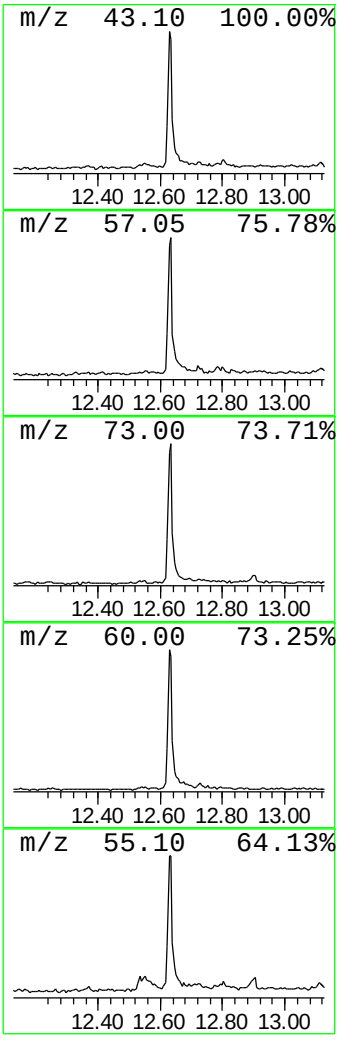
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.65 ng	807512	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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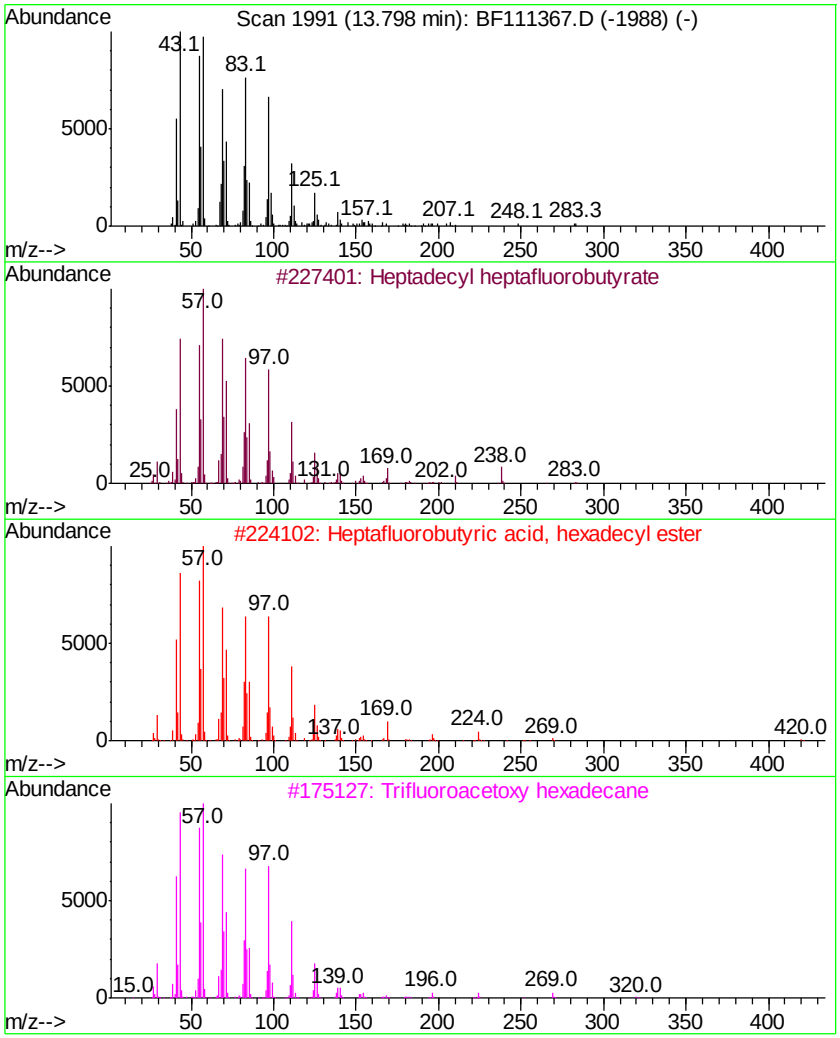
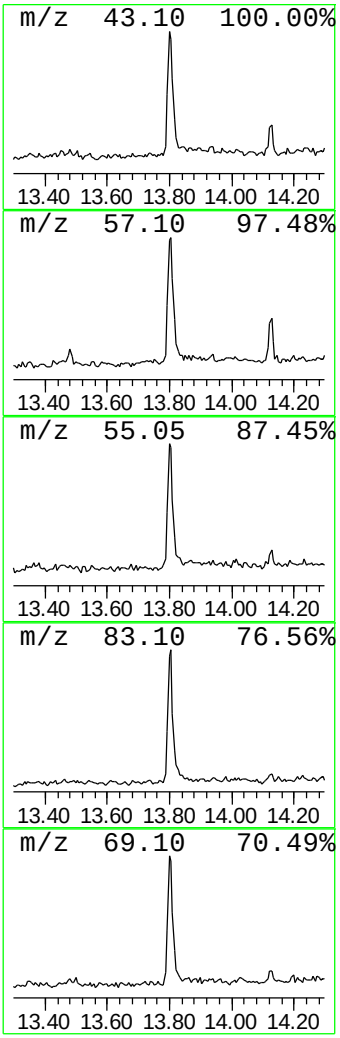
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.08 ng	474622	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-4

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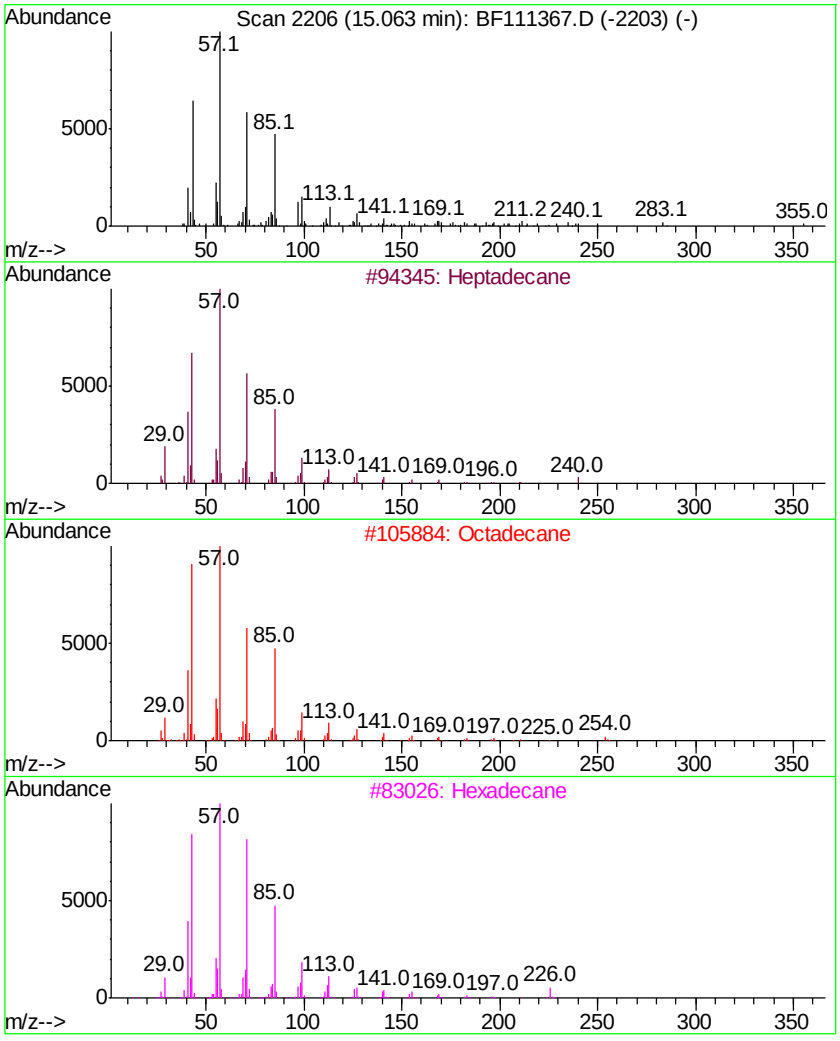
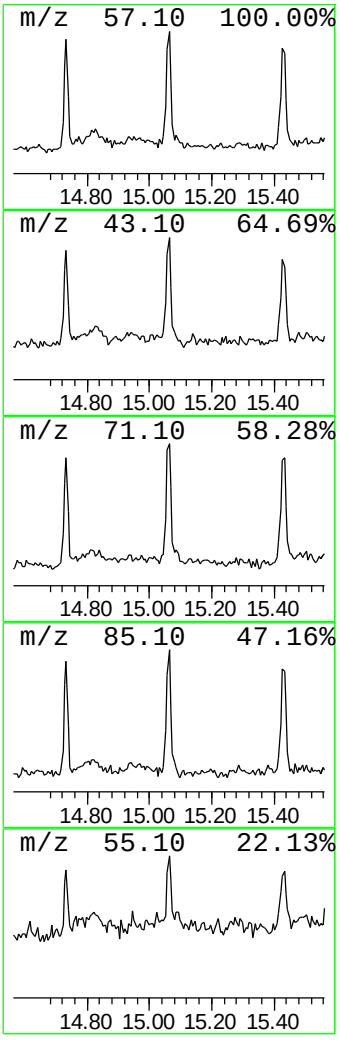
Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.32 ng	172048	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	67.2	ng	4111330	1	6.79	1223910	20.0
n-Hexadecanoic acid	11.85	10.7	ng	1135360	4	11.31	2120720	20.0
Octadecanoic acid	12.63	8.7	ng	807512	5	13.95	1867190	20.0
Heptadecyl heptaf...	13.80	5.1	ng	474622	5	13.95	1867190	20.0
Heptadecane	15.06	2.3	ng	172048	6	15.39	1485720	20.0