LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120236.D
Acq On : 30 Apr 2020 13:29
Operator : MA/SJ
Sample : L2445-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EOD-PROJECT-EAST

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-BF040820.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	5.251	535	538	552	rBV	2097651	2028697	73.19%	10.080%
2	6.298	712	716	732	rBV	2433579	2017088	72.77%	10.022%
3	6.645	772	775	784	rBV	674797	554782	20.01%	2.756%
4	6.804	798	802	805	rBV	2113347	1682261	60.69%	8.358%
5	7.216	867	872	875	rBV	1519747	1328605	47.93%	6.601%
6	7.934	990	994	1003	rBV	935557	717771	25.89%	3.566%
7	9.016	1174	1178	1181	rBV	3101567	2473746	89.24%	12.291%
8	9.410	1242	1245	1249	rBV	296452	255619	9.22%	1.270%
9	9.692	1289	1293	1296	rBV	889189	796461	28.73%	3.957%
10	10.480	1423	1427	1441	rBV	1816017	1533961	55.34%	7.622%
11	11.174	1541	1545	1549	rBV	1060139	859225	31.00%	4.269%
12	11.716	1634	1637	1651	rBV2	138944	159848	5.77%	0.794%
13	12.504	1768	1771	1778	rBV	72512	79135	2.85%	0.393%
14	12.768	1811	1816	1819	rBV	3200708	2771911	100.00%	13.772%
15	13.674	1966	1970	1985	rBV	252646	417444	15.06%	2.074%
16	13.815	1990	1994	1998	rBV	1015805	879486	31.73%	4.370%
17	13.998	2021	2025	2030	rBV	45567	51048	1.84%	0.254%
18	14.304	2072	2077	2079	rBV	77915	80914	2.92%	0.402%
19	14.598	2120	2127	2131	rBV	114509	115418	4.16%	0.573%
20	14.910	2176	2180	2184	rBV	121775	128783	4.65%	0.640%
21	15.221	2228	2233	2236	rBV	744016	832929	30.05%	4.138%
22	15.257	2236	2239	2243	rVB	107218	120747	4.36%	0.600%
23	15.657	2302	2307	2312	rBV	85161	118672	4.28%	0.590%
24	15.721	2313	2318	2322	rBV5	28849	58551	2.11%	0.291%
25	16.115	2380	2385	2391	rBV3	39587	63518	2.29%	0.316%

Sum of corrected areas: 20126620

LSC Report - Integrated Chromatogram

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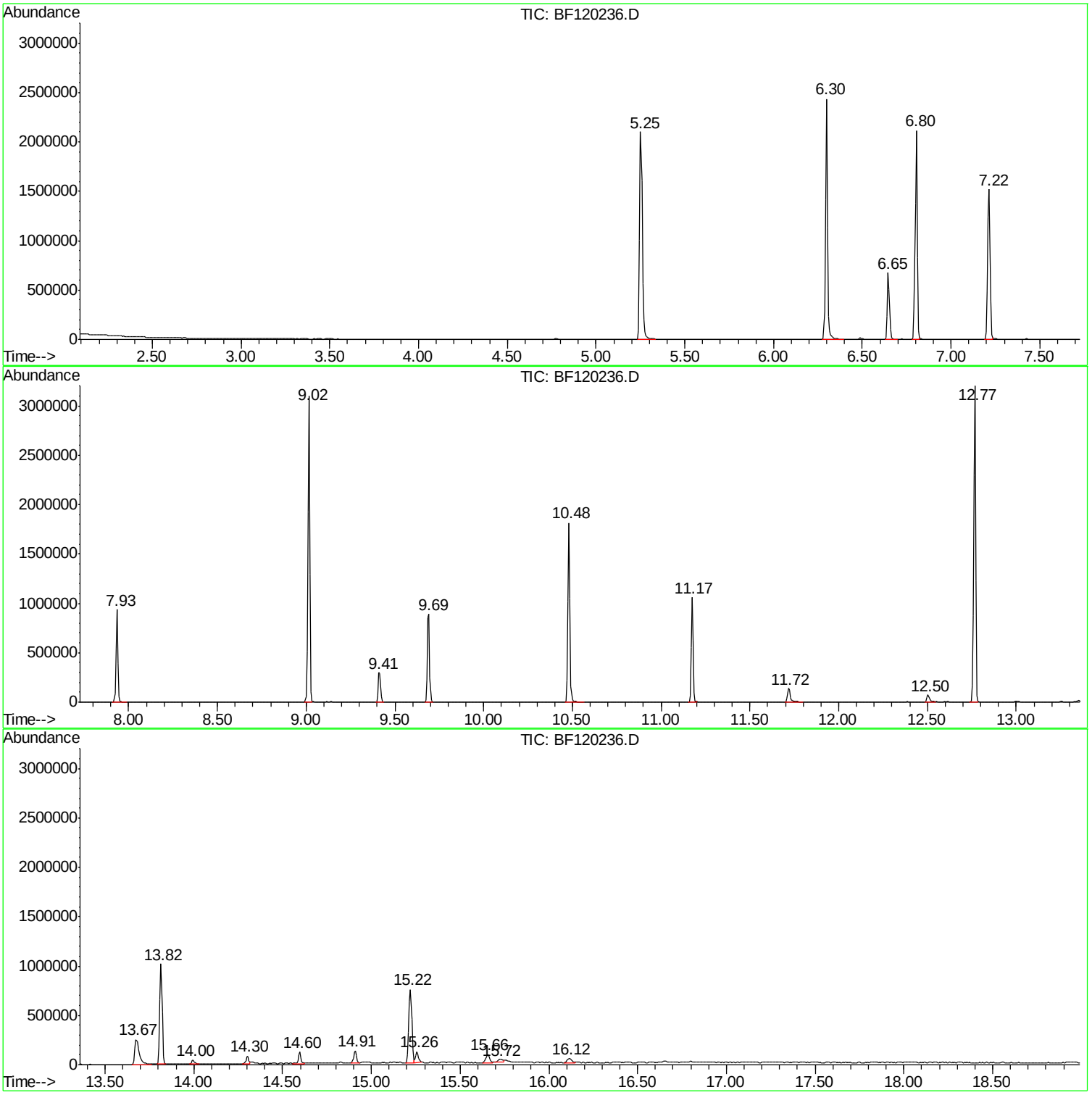
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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Operator : MA/SJ
Sample : L2445-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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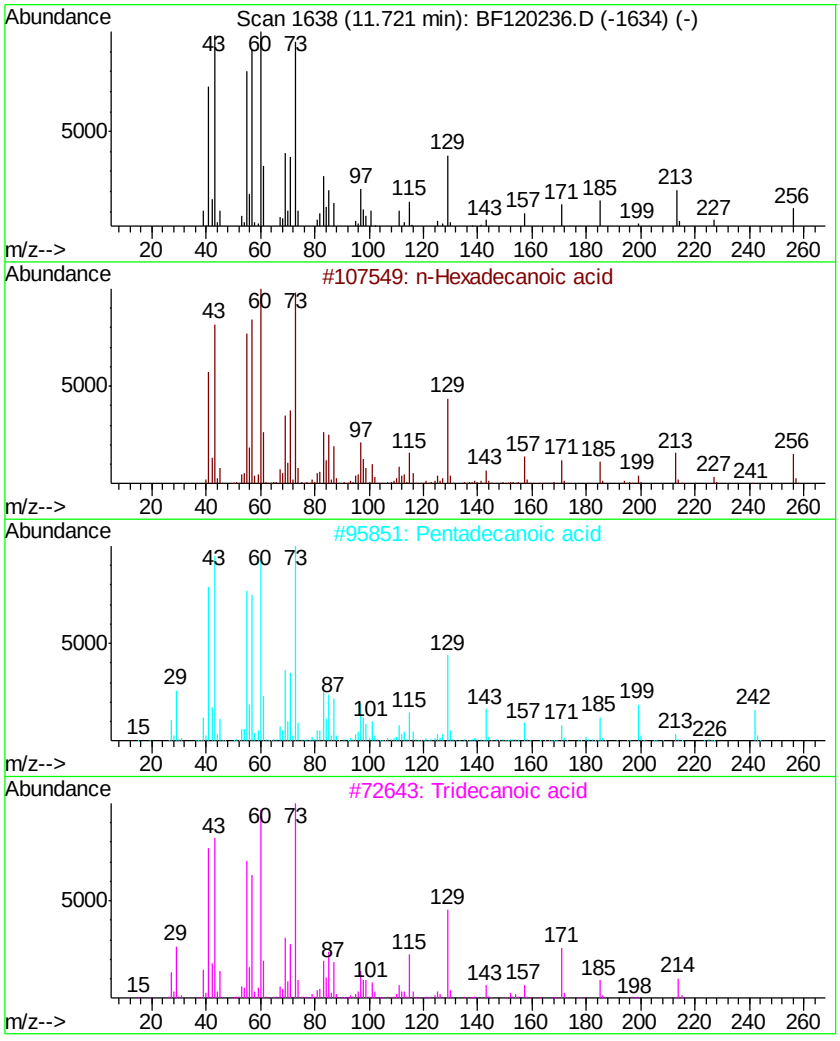
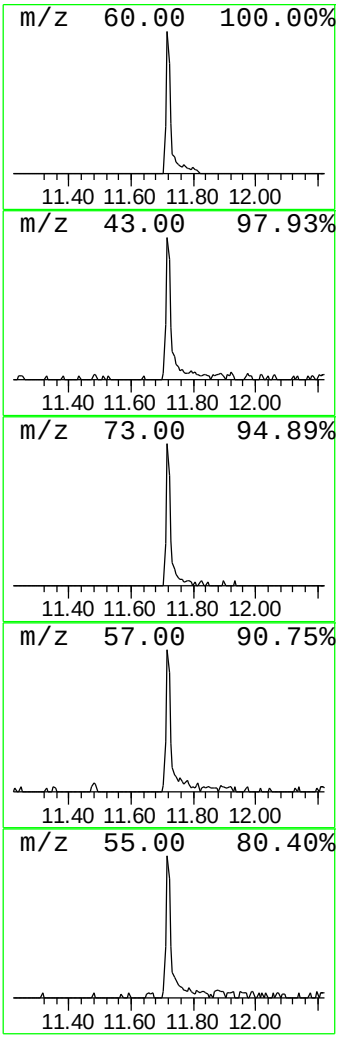
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.72 ng	159848	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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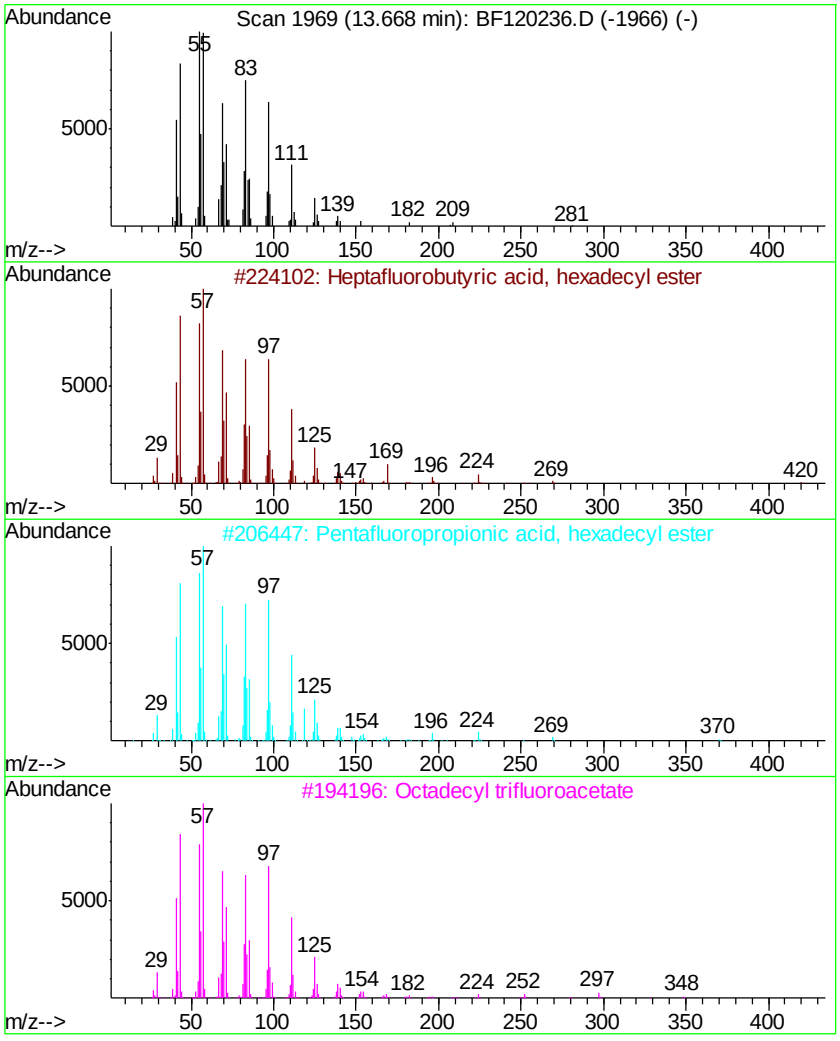
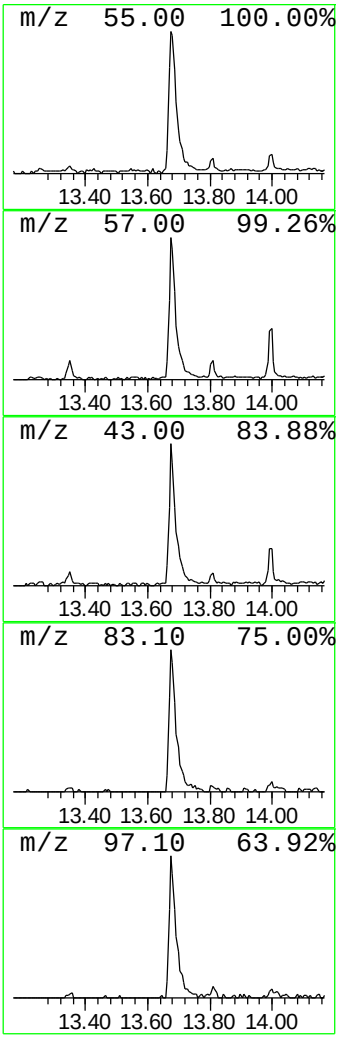
Peak Number 3 Heptafluorobutyric acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.49 ng	417444	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Library Search Compound Report

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Data File : BF120236.D
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Operator : MA/SJ
Sample : L2445-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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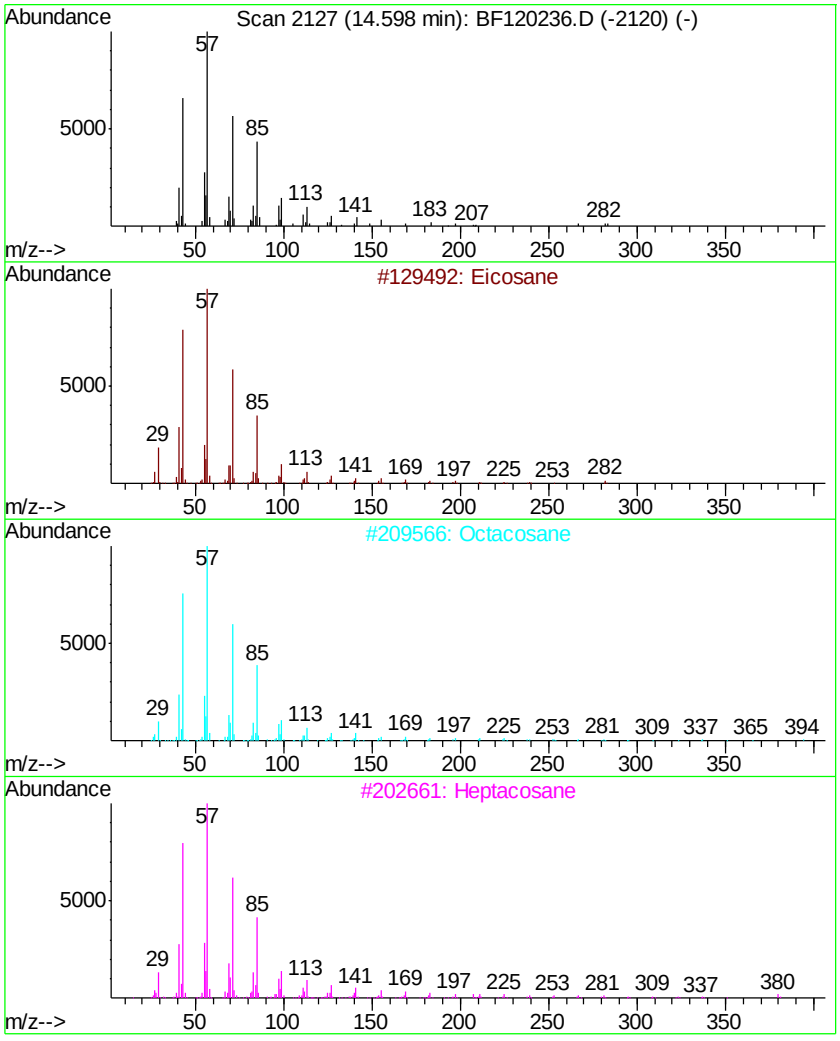
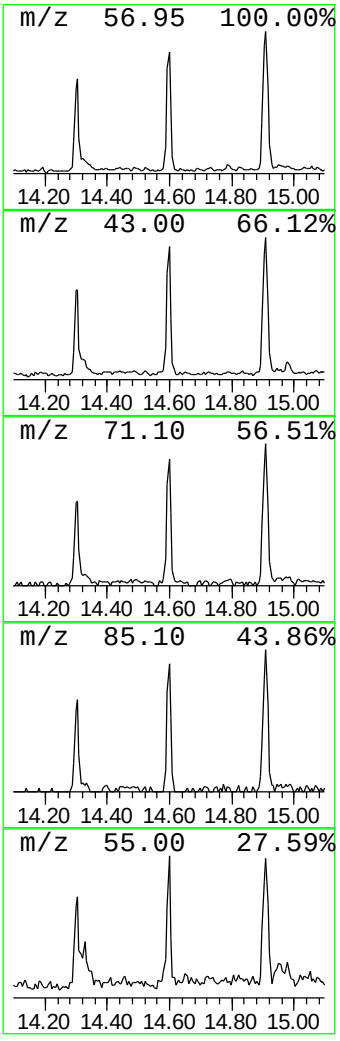
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.77 ng	115418	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Library Search Compound Report

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Operator : MA/SJ
Sample : L2445-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
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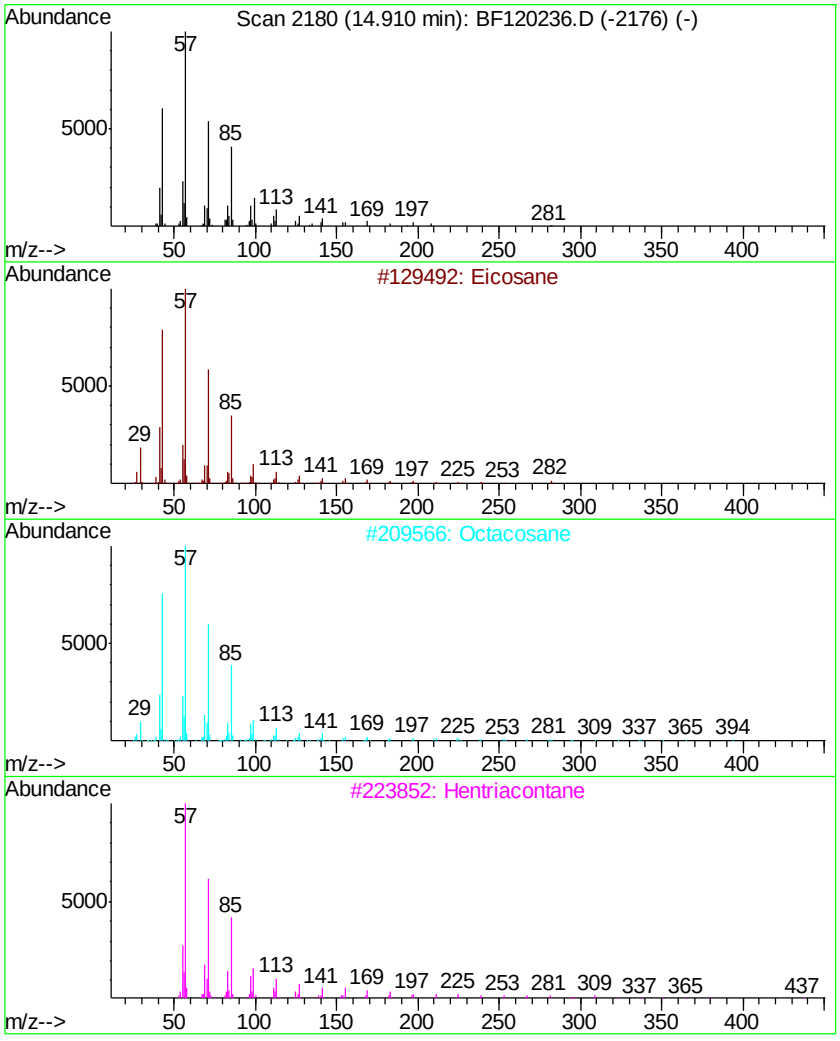
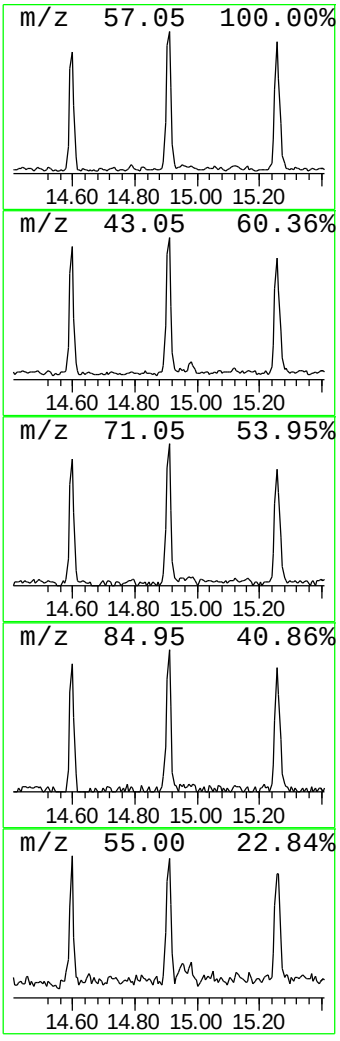
Peak Number 5 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.09 ng	128783	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : L2445-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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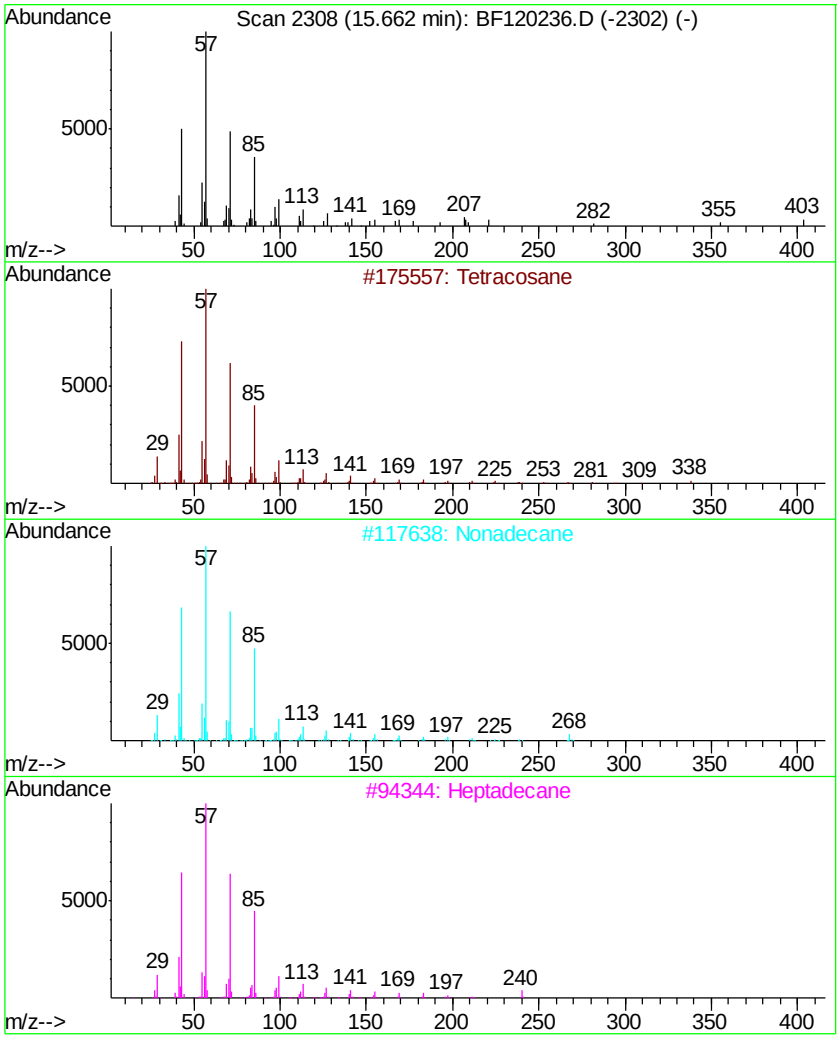
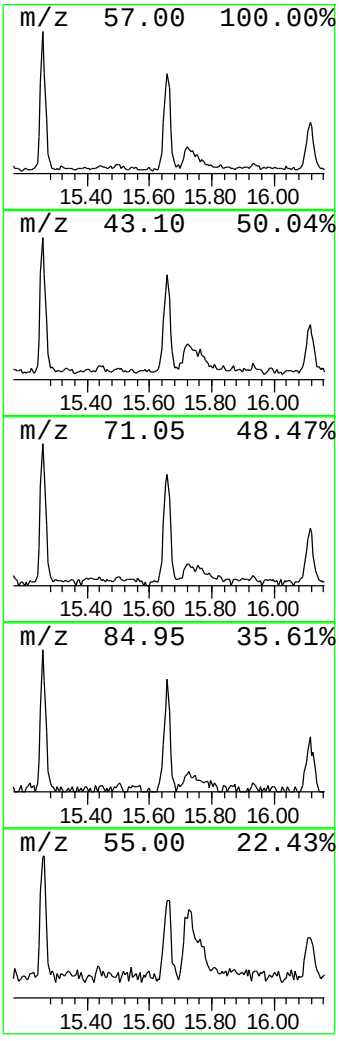
Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.85 ng	118672	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Nonadecane	268	C19H40	000629-92-5	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Hentriacontane	437	C31H64	000630-04-6	76
5	Tetratetracontane	619	C44H90	007098-22-8	76





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : EOD-PROJECT-EAST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.72	3.7	ng	159848	4	11.17	859225	20.0
Heptafluorobutyri...	13.67	9.5	ng	417444	5	13.82	879486	20.0
Eicosane	14.60	2.8	ng	115418	6	15.22	832929	20.0
Octacosane	14.91	3.1	ng	128783	6	15.22	832929	20.0
Tetracosane	15.66	2.9	ng	118672	6	15.22	832929	20.0