LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF041417\
Data File : BF094434.D
Acq On : 14 Apr 2017 17:56
Operator : SJ/MA
Sample : I2677-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041117-DSDC-F-U-M

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-BF032217.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	2.951	177	181	186	rVB	66084	70782	1.59%	0.273%
2	3.892	338	341	353	rVB	148006	148611	3.34%	0.574%
3	4.316	409	413	424	rBV	1049178	937982	21.09%	3.624%
4	5.392	592	596	605	rBV	644354	635438	14.29%	2.455%
5	5.522	613	618	621	rBV	2178103	1990090	44.75%	7.689%
6	5.769	656	660	664	rBV	912119	793978	17.85%	3.068%
7	5.951	686	691	694	rBV	2978610	2943617	66.19%	11.374%
8	6.422	765	771	774	rBV	2014839	2400220	53.97%	9.274%
9	7.269	910	915	919	rBV	1185113	1080979	24.31%	4.177%
10	8.598	1134	1141	1144	rBV	3996853	4447129	100.00%	17.183%
11	9.092	1221	1225	1228	rBV	100979	104013	2.34%	0.402%
12	9.404	1272	1278	1283	rBV2	1151015	1274336	28.66%	4.924%
13	9.827	1348	1350	1356	rVB7	34699	50267	1.13%	0.194%
14	10.004	1377	1380	1384	rBV	89679	86753	1.95%	0.335%
15	10.380	1439	1444	1448	rBV	1389197	1440494	32.39%	5.566%
16	10.586	1477	1479	1481	rBV	118864	119743	2.69%	0.463%
17	10.827	1517	1520	1523	rBV2	116680	148956	3.35%	0.576%
18	11.227	1584	1588	1595	rVB	1119208	1173421	26.39%	4.534%
19	11.363	1609	1611	1614	rBV2	107507	138517	3.11%	0.535%
20	13.209	1919	1925	1929	rVB2	3083496	3702349	83.25%	14.305%
21	14.374	2119	2123	2134	rVB2	65497	152901	3.44%	0.591%
22	14.474	2135	2140	2144	rVV	954541	1103883	24.82%	4.265%
23	14.527	2146	2149	2153	rVB	82750	84758	1.91%	0.327%
24	15.592	2325	2330	2336	rBV3	53934	64233	1.44%	0.248%
25	16.092	2410	2415	2424	rBV	698977	787441	17.71%	3.043%

Sum of corrected areas: 25880891

LSC Report - Integrated Chromatogram

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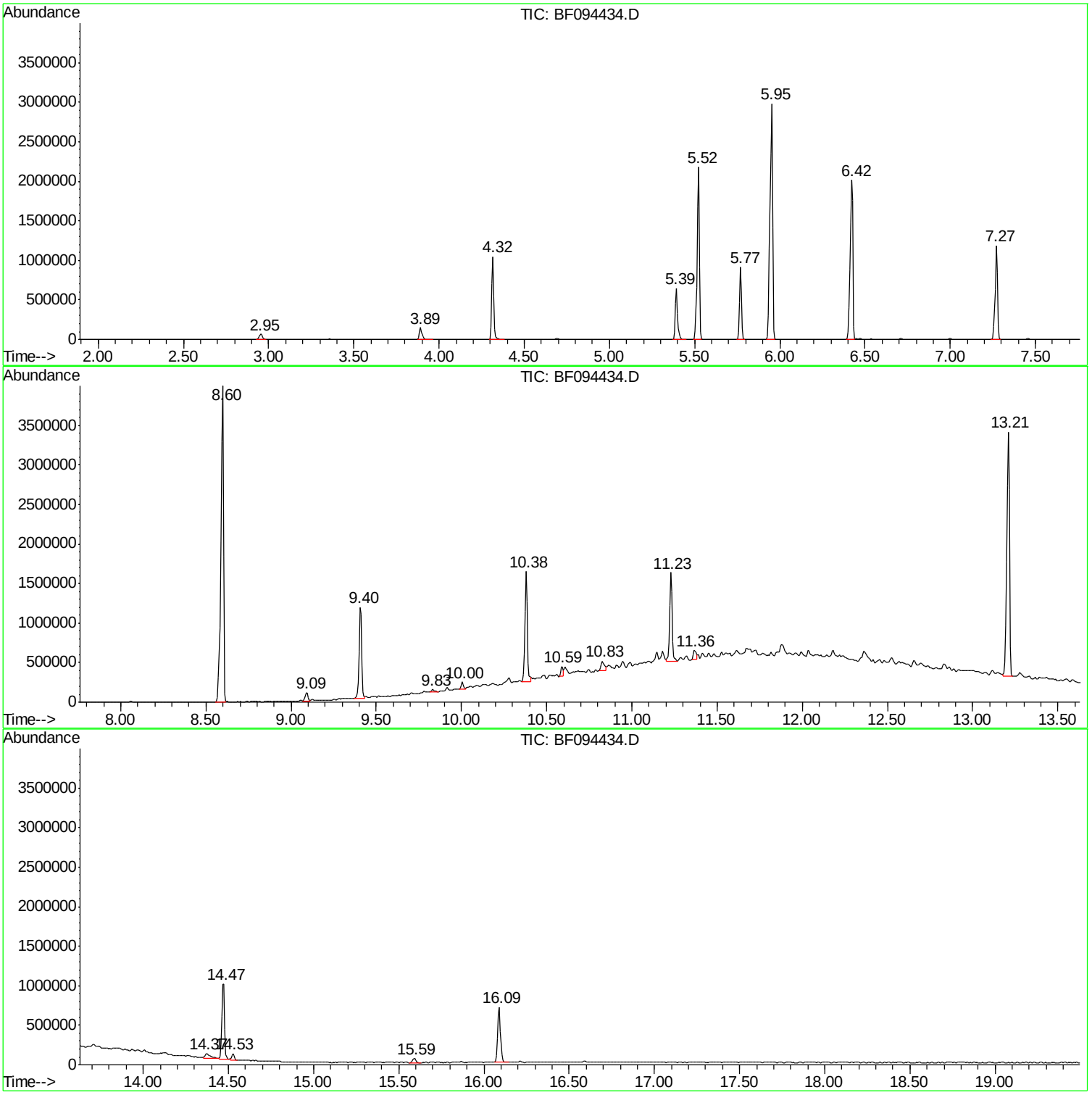
ClientSampleId : 041117-DSDC-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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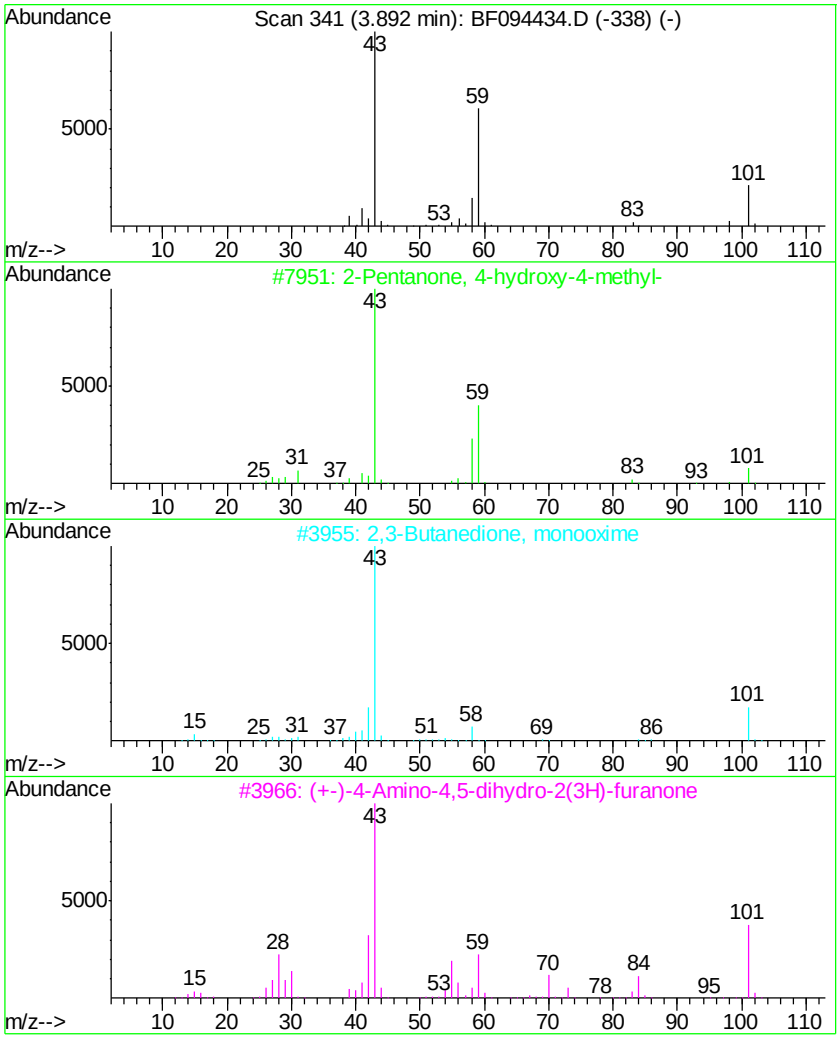
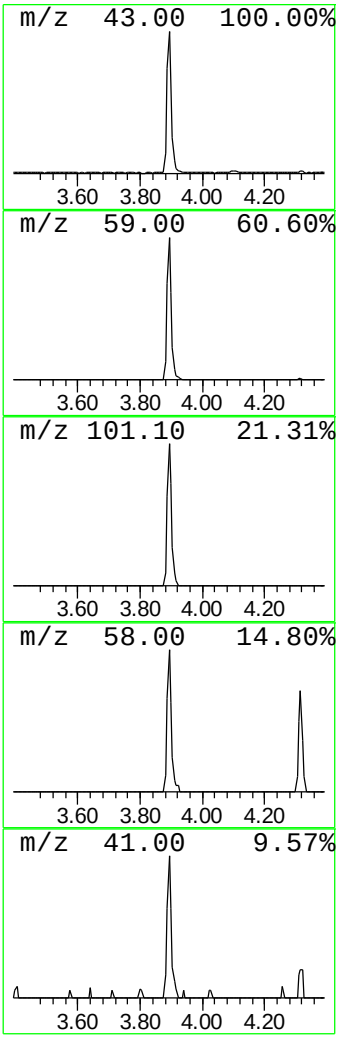
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	3.74 ng	148611	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	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





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Sample : I2677-02
Misc :
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Instrument : BNA_F
ClientSampleId : 041117-DSDC-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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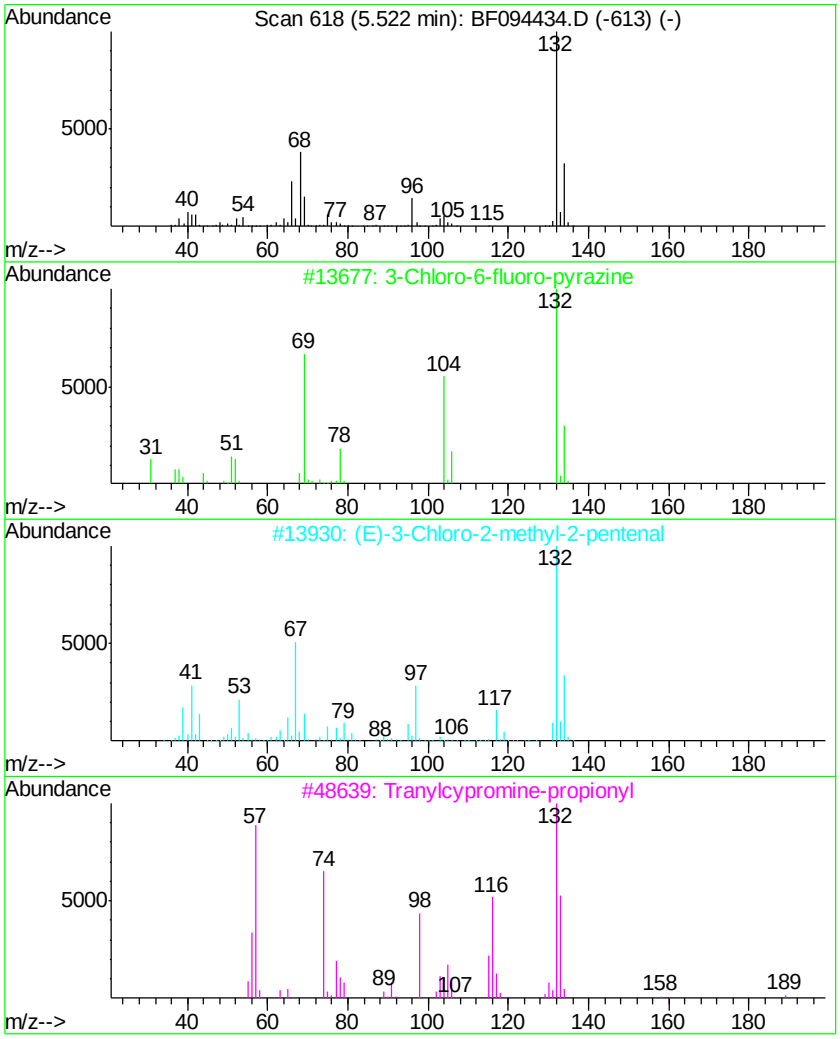
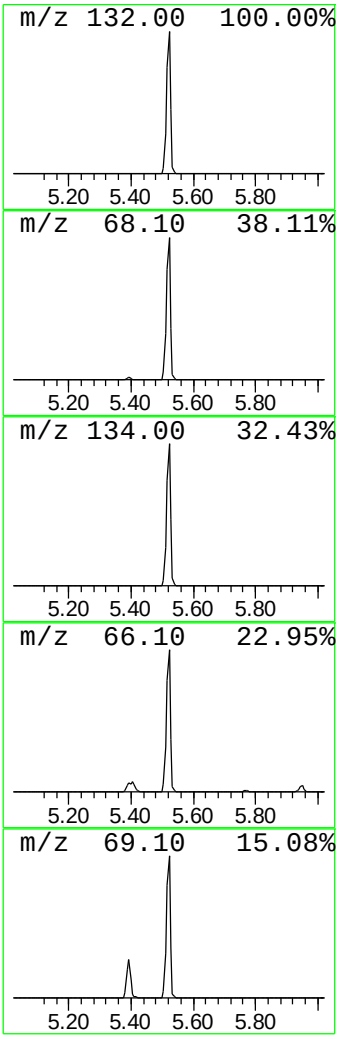
Peak Number 2 unknown5.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	50.13 ng	1990090	1,4-Dichlorobenzene-d4	5.77

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Sample : I2677-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041117-DSDC-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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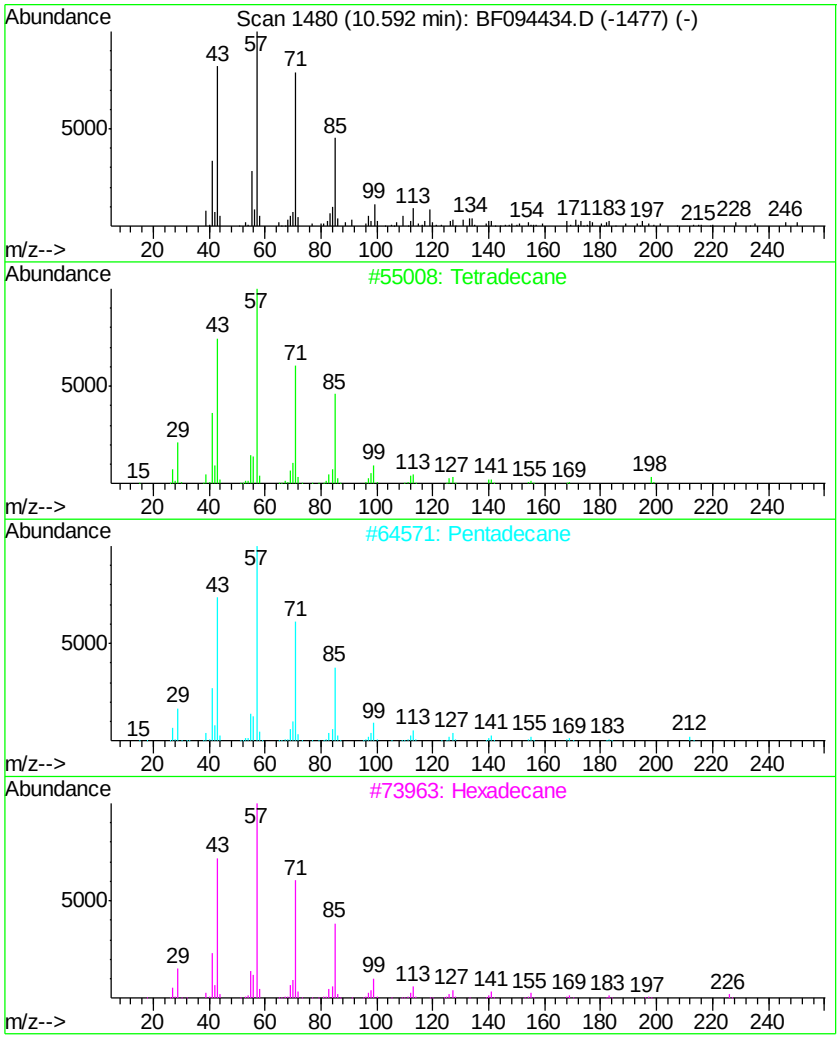
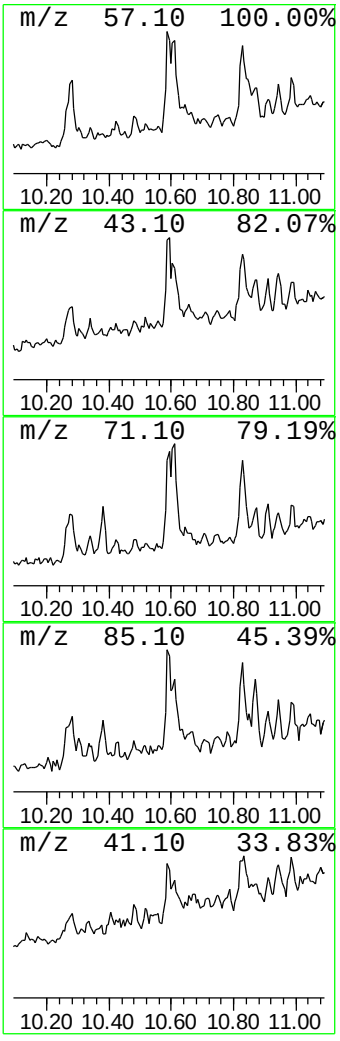
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.04 ng	119743	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Pentadecane	212	C15H32	000629-62-9	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Nonadecane	268	C19H40	000629-92-5	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041117-DSDC-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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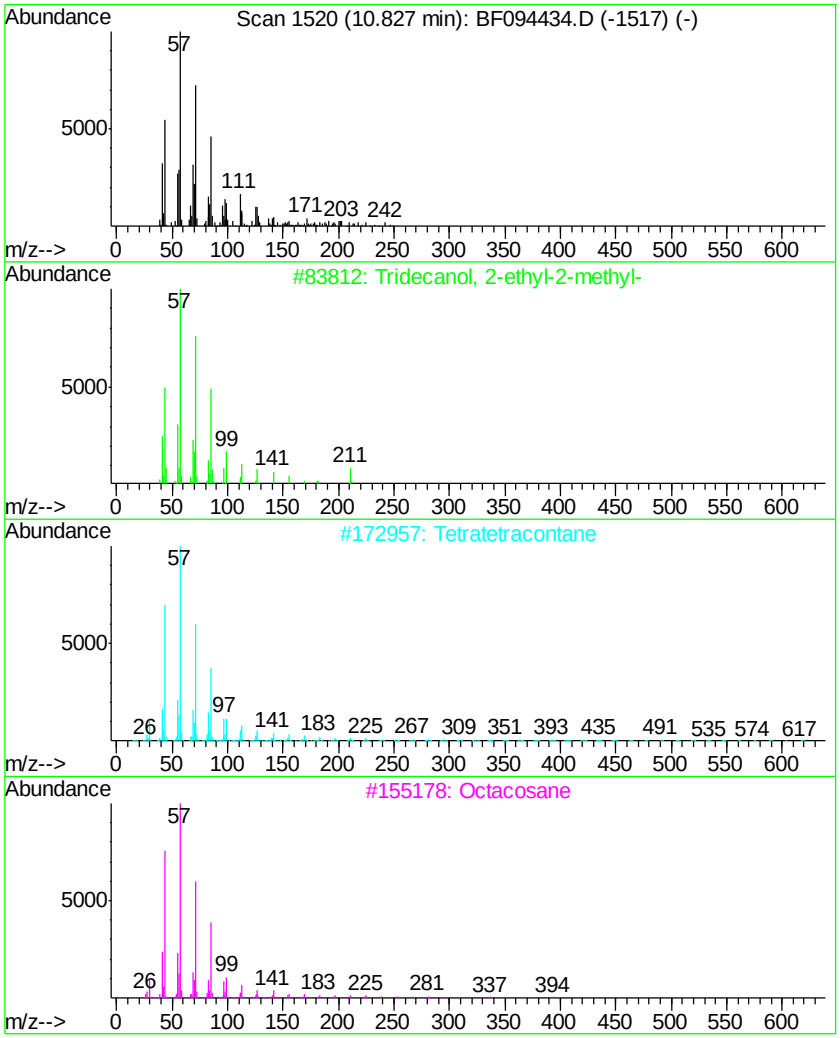
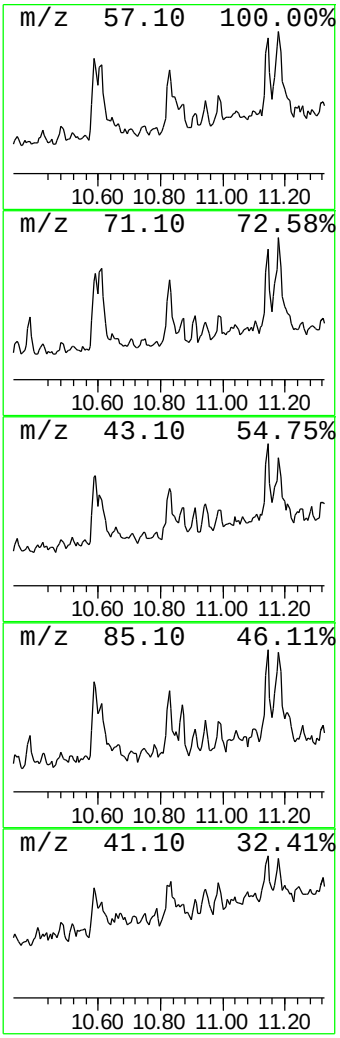
Peak Number 5 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.54 ng	148956	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	52
2	Tetratetracontane	619	C44H90	007098-22-8	52
3	Octacosane	394	C28H58	000630-02-4	52
4	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	50
5	Heneicosane	296	C21H44	000629-94-7	47





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Sample : I2677-02
Misc :
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Instrument : BNA_F
ClientSampleId : 041117-DSDC-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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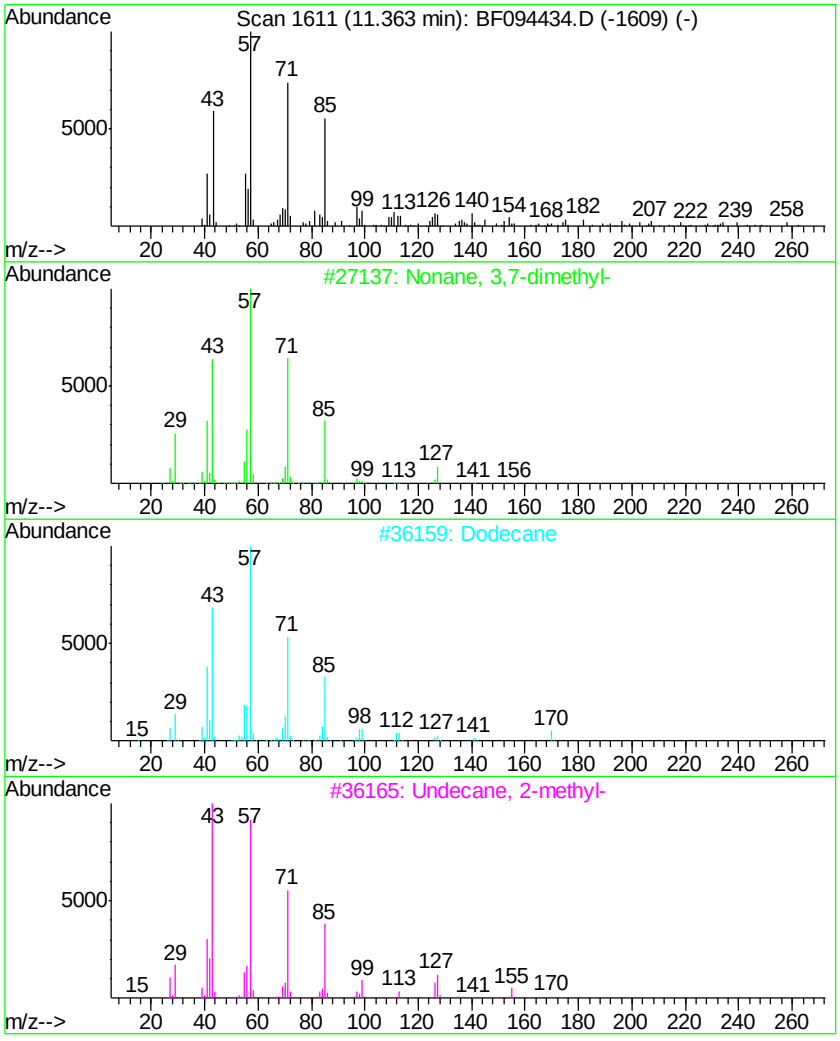
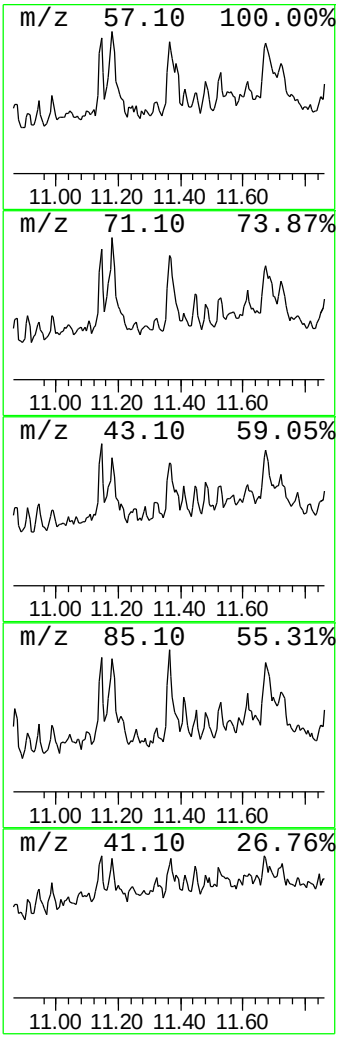
Peak Number 6 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.36 ng	138517	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2	Dodecane	170	C12H26	000112-40-3	83
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80





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Instrument : BNA_F
ClientSampleId : 041117-DSDC-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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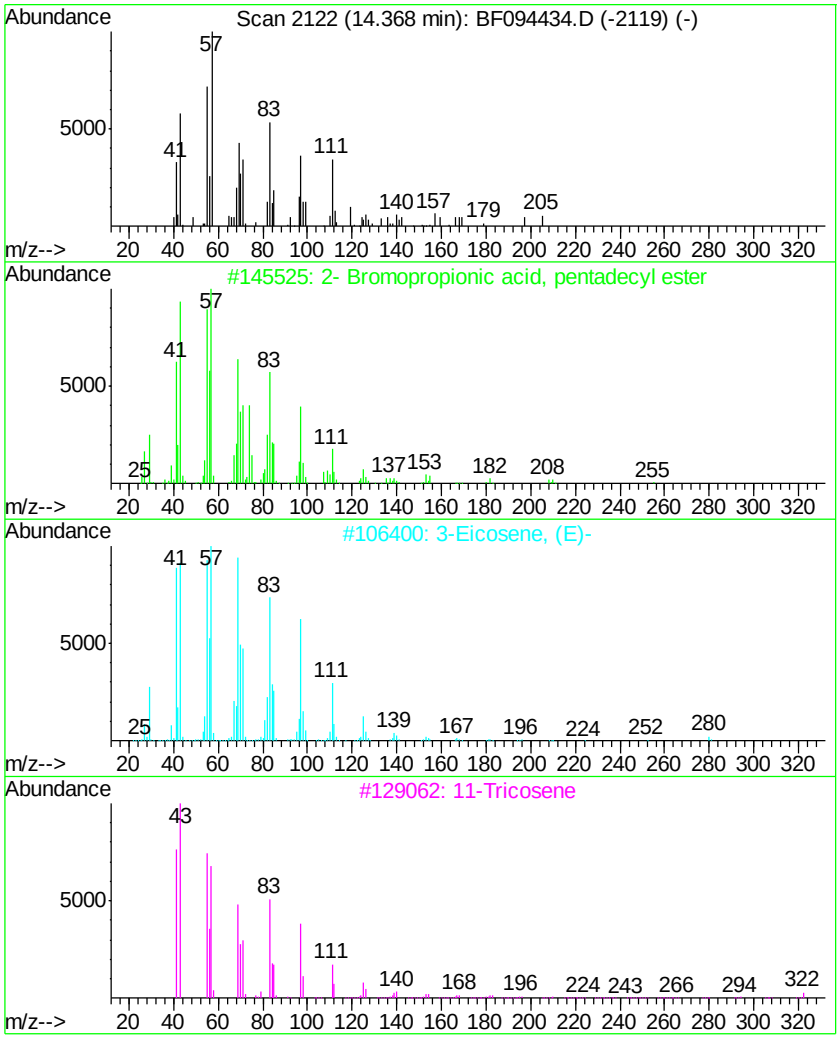
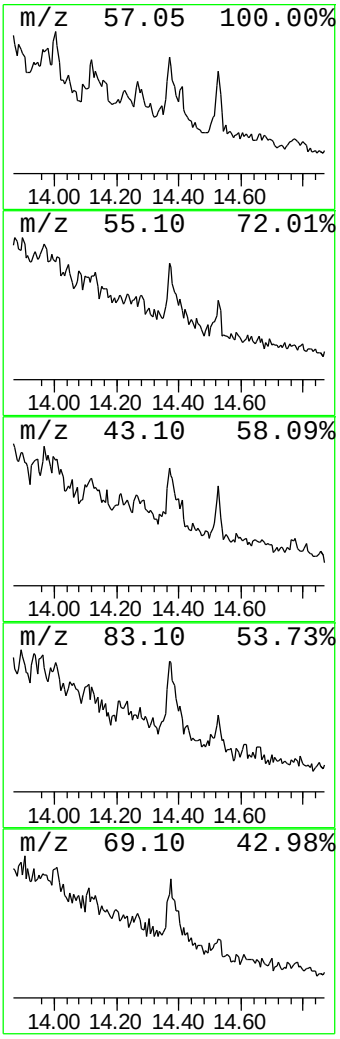
Peak Number 7 2- Bromopropionic acid, pen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.77 ng	152901	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	59
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	58
3	11-Tricosene	322	C23H46	052078-56-5	53
4	1-Hexadecanol	242	C16H34O	036653-82-4	49
5	Cyclodecane	140	C10H20	000293-96-9	49





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.89	3.7	ng	148611	1	5.77	793978	20.0
unknown5.52	5.52	50.1	ng	1990090	1	5.77	793978	20.0
Tetradecane	10.59	2.0	ng	119743	4	11.23	1173420	20.0
Tridecanol, 2-eth...	10.83	2.5	ng	148956	4	11.23	1173420	20.0
Nonane, 3,7-dimet...	11.36	2.4	ng	138517	4	11.23	1173420	20.0
2- Bromopropionic...	14.37	2.8	ng	152901	5	14.47	1103880	20.0