LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101667.D
Acq On : 22 Dec 2017 21:29
Operator : SJ/JU
Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

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-BF121417.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	4.998	492	495	508	rBV	19071	41919	1.81%	0.311%
2	5.422	564	567	582	rBV	121274	270413	11.70%	2.007%
3	6.445	738	741	759	rBV	143488	320123	13.85%	2.376%
4	6.569	759	762	776	rVB	269144	359413	15.55%	2.668%
5	6.787	796	799	813	rBV	878933	844899	36.55%	6.272%
6	6.945	822	826	838	rBV	216911	253471	10.96%	1.882%
7	7.369	894	898	915	rBV	104924	214536	9.28%	1.593%
8	8.039	1005	1012	1014	rBV	31448	31387	1.36%	0.233%
9	8.069	1014	1017	1023	rBV	1109672	1004521	43.45%	7.457%
10	8.645	1112	1115	1119	rBV	49926	44675	1.93%	0.332%
11	9.139	1196	1199	1208	rBV	375743	352727	15.26%	2.618%
12	9.210	1208	1211	1216	rVB	71434	59472	2.57%	0.441%
13	9.545	1261	1268	1273	rBV3	27085	62910	2.72%	0.467%
14	9.739	1298	1301	1305	rVB	78292	60569	2.62%	0.450%
15	9.822	1312	1315	1329	rVB2	1078636	988865	42.78%	7.340%
16	10.239	1380	1386	1389	rBV	85873	73807	3.19%	0.548%
17	10.457	1419	1423	1426	rBV	26946	33356	1.44%	0.248%
18	10.622	1448	1451	1459	rBV	105883	128249	5.55%	0.952%
19	10.710	1463	1466	1470	rBV	74024	75743	3.28%	0.562%
20	11.157	1537	1542	1545	rBV	57651	48618	2.10%	0.361%
21	11.316	1565	1569	1572	rBV	847695	813830	35.20%	6.041%
22	11.586	1609	1615	1617	rBV2	41078	35641	1.54%	0.265%
23	11.686	1629	1632	1636	rBV	863422	736491	31.86%	5.467%
24	11.992	1681	1684	1693	rVB	34224	31416	1.36%	0.233%
25	12.374	1745	1749	1751	rBV	2467024	2311763	100.00%	17.160%
26	12.398	1751	1753	1760	rVB2	1876451	1662890	71.93%	12.344%
27	12.480	1764	1767	1770	rVB	390918	303316	13.12%	2.252%
28	12.533	1771	1776	1780	rBV	73788	90798	3.93%	0.674%
29	12.763	1810	1815	1821	rVB2	62521	89722	3.88%	0.666%
30	12.892	1834	1837	1841	rBV	307656	247413	10.70%	1.837%
31	13.080	1864	1869	1872	rBV6	26903	51379	2.22%	0.381%
32	13.204	1887	1890	1892	rBV2	35453	31100	1.35%	0.231%
33	13.774	1985	1987	1992	rBV5	23676	34054	1.47%	0.253%
34	13.868	2000	2003	2006	rBV	38663	42339	1.83%	0.314%

LSC Area Percent Report

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Data File : BF101667.D
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Operator : SJ/JU
Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.963	2015	2019	2023	rBV	956665	894287	38.68%	6.638%
36	15.427	2263	2268	2278	rVB	628238	825346	35.70%	6.127%

Sum of corrected areas: 13471458

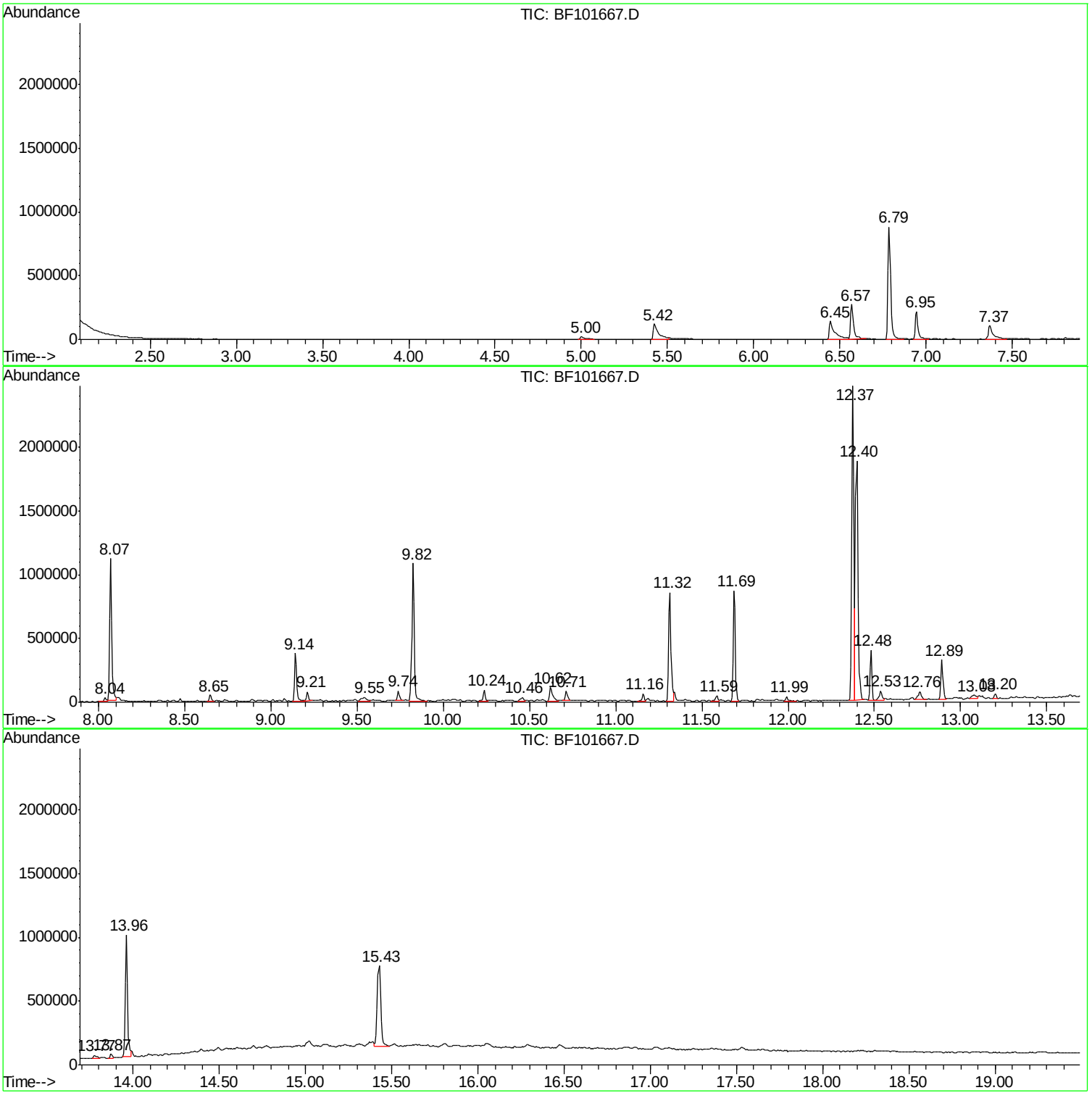
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101667.D
Acq On : 22 Dec 2017 21:29
Operator : SJ/JU
Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101667.D
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Operator : SJ/JU
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Instrument : BNA_F
ClientSampleId : OR-02-122117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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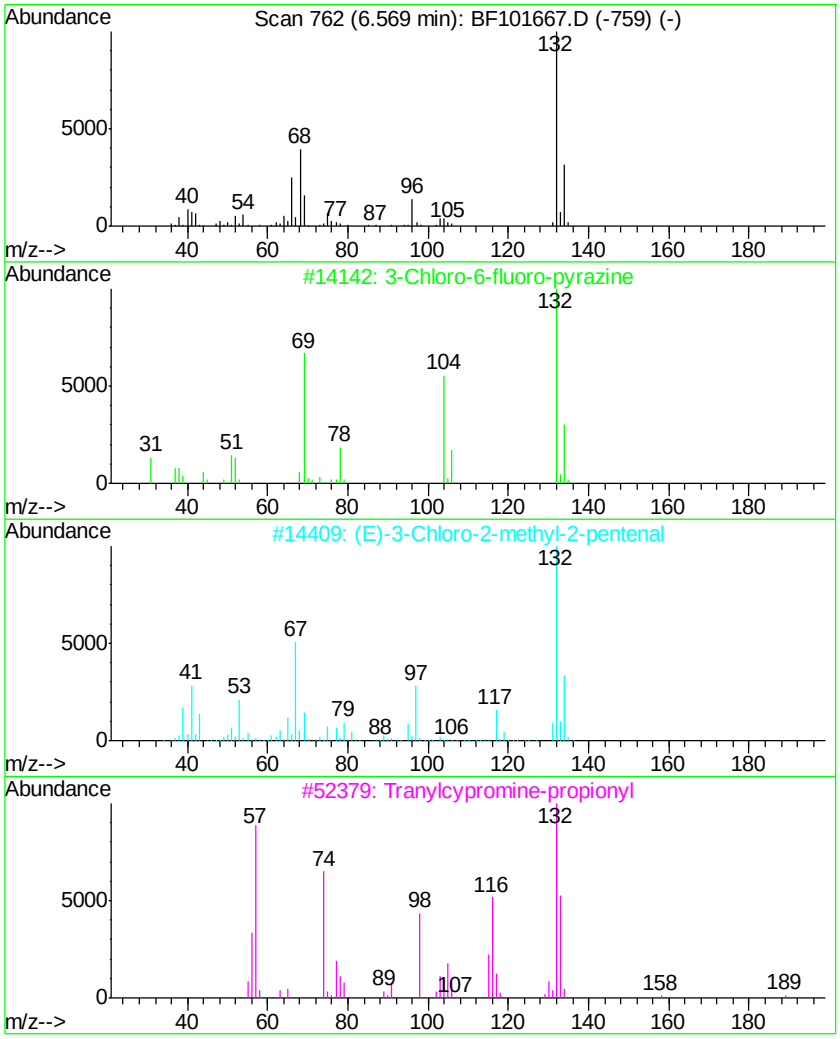
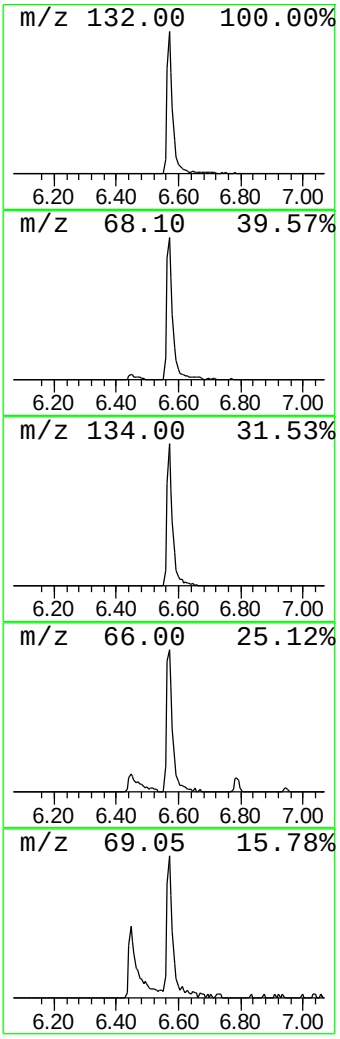
Peak Number 1 unknown6.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	8.51 ng	359413	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	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101667.D
Acq On : 22 Dec 2017 21:29
Operator : SJ/JU
Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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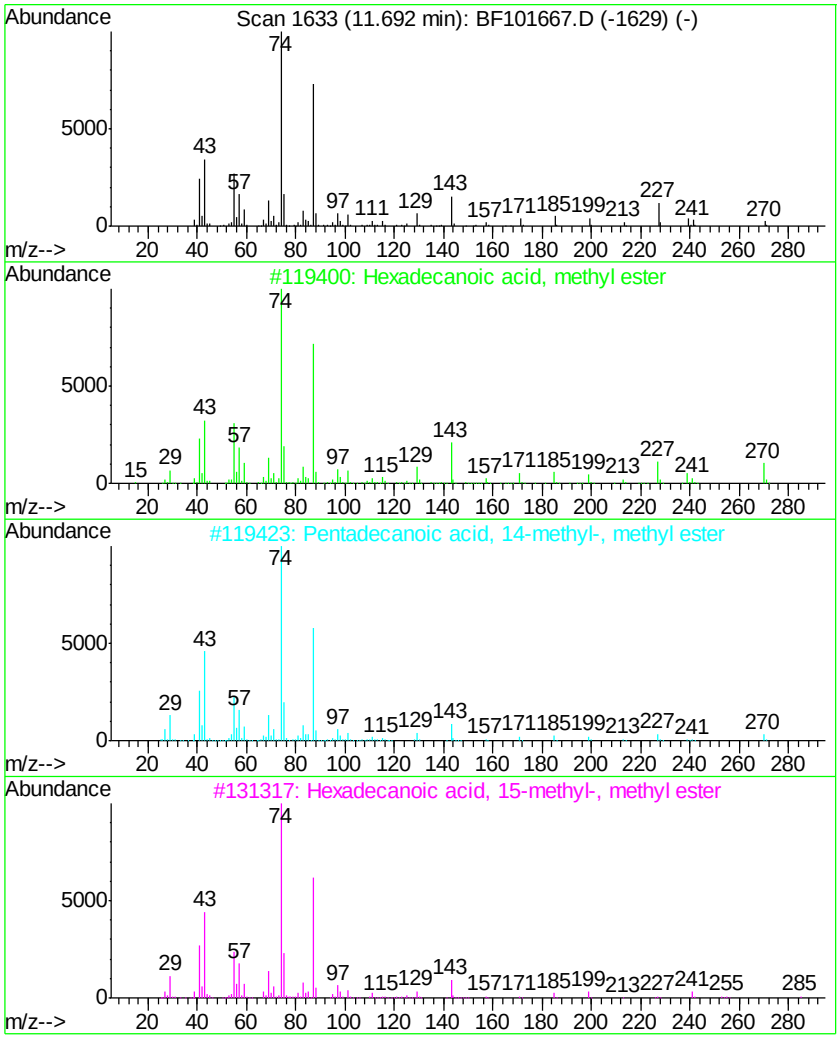
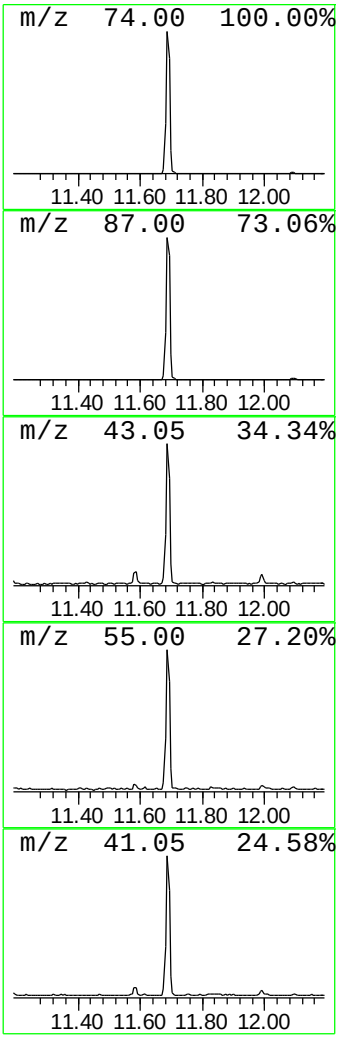
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	18.10 ng	736491	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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Acq On : 22 Dec 2017 21:29
Operator : SJ/JU
Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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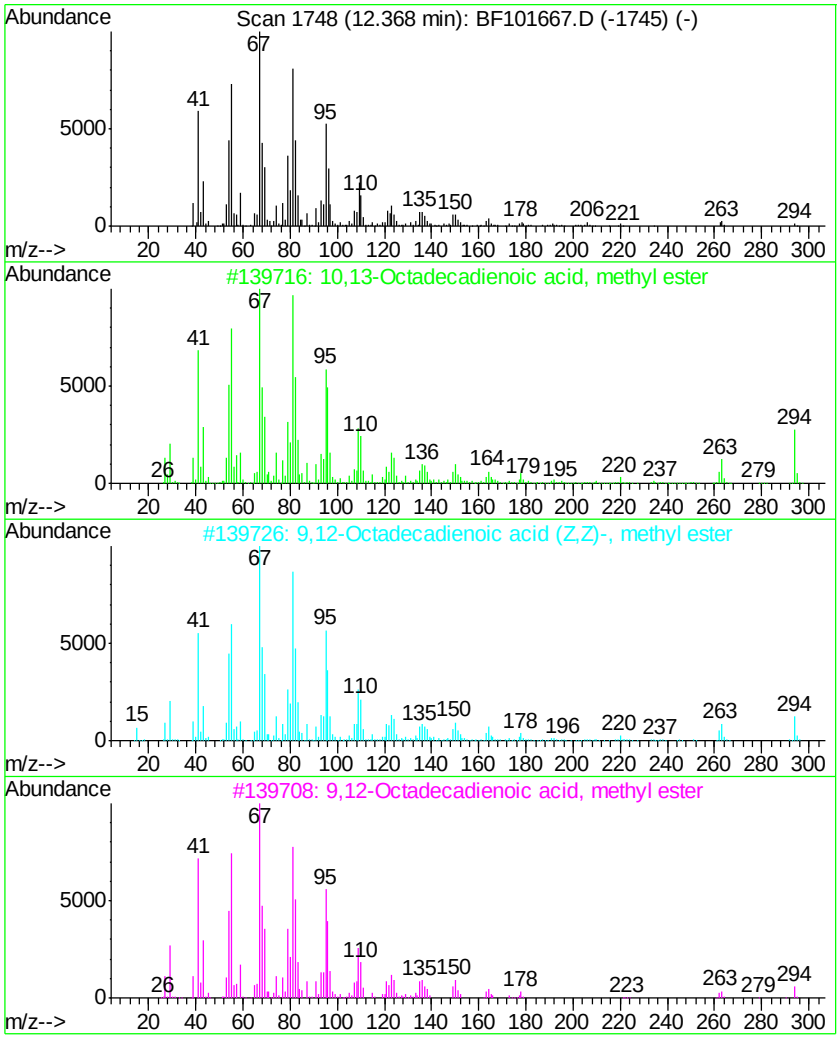
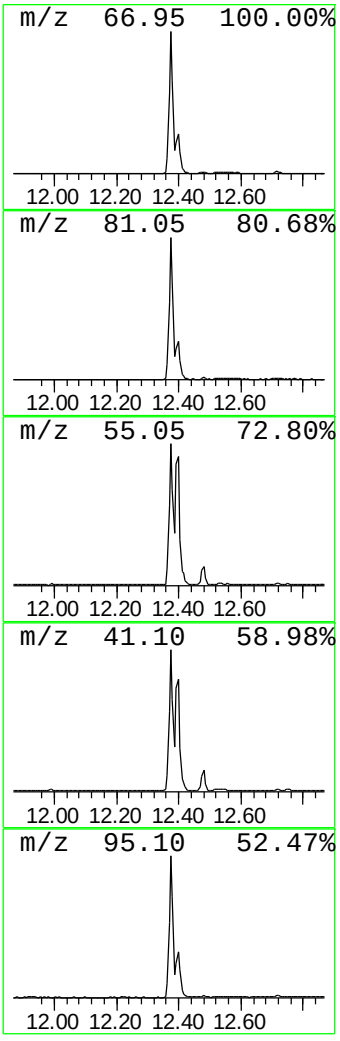
Peak Number 4 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	56.81 ng	2311760	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





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Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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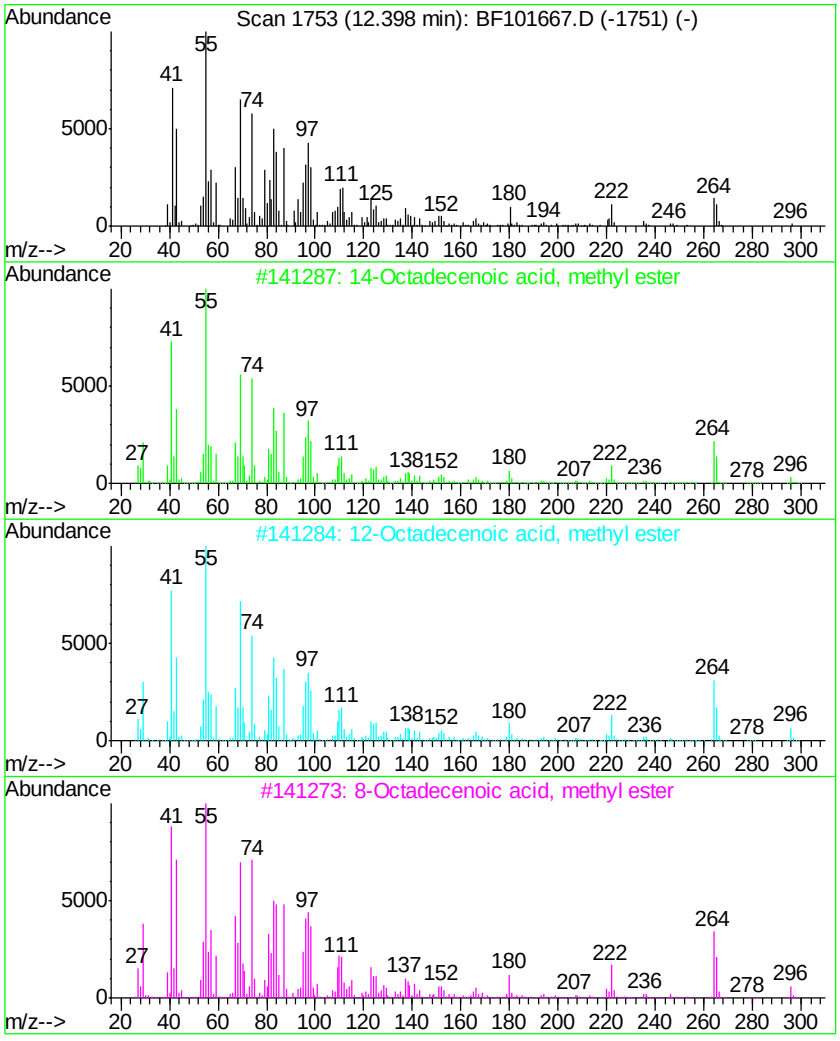
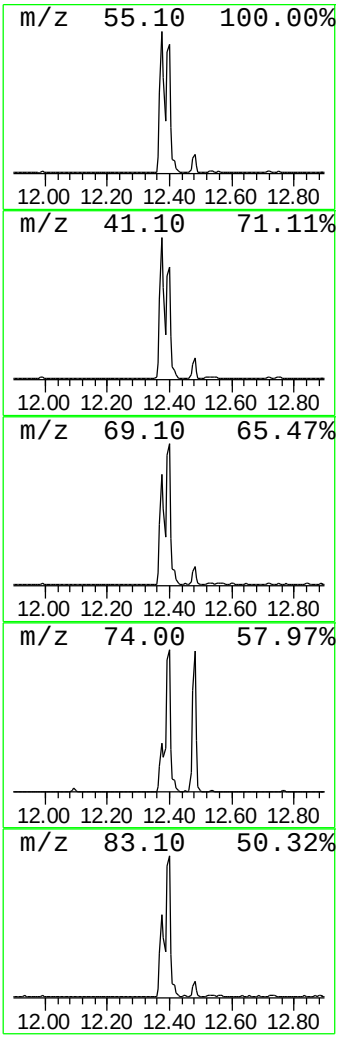
Peak Number 5 14-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	40.87 ng	1662890	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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Acq On : 22 Dec 2017 21:29
Operator : SJ/JU
Sample : I6677-09 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

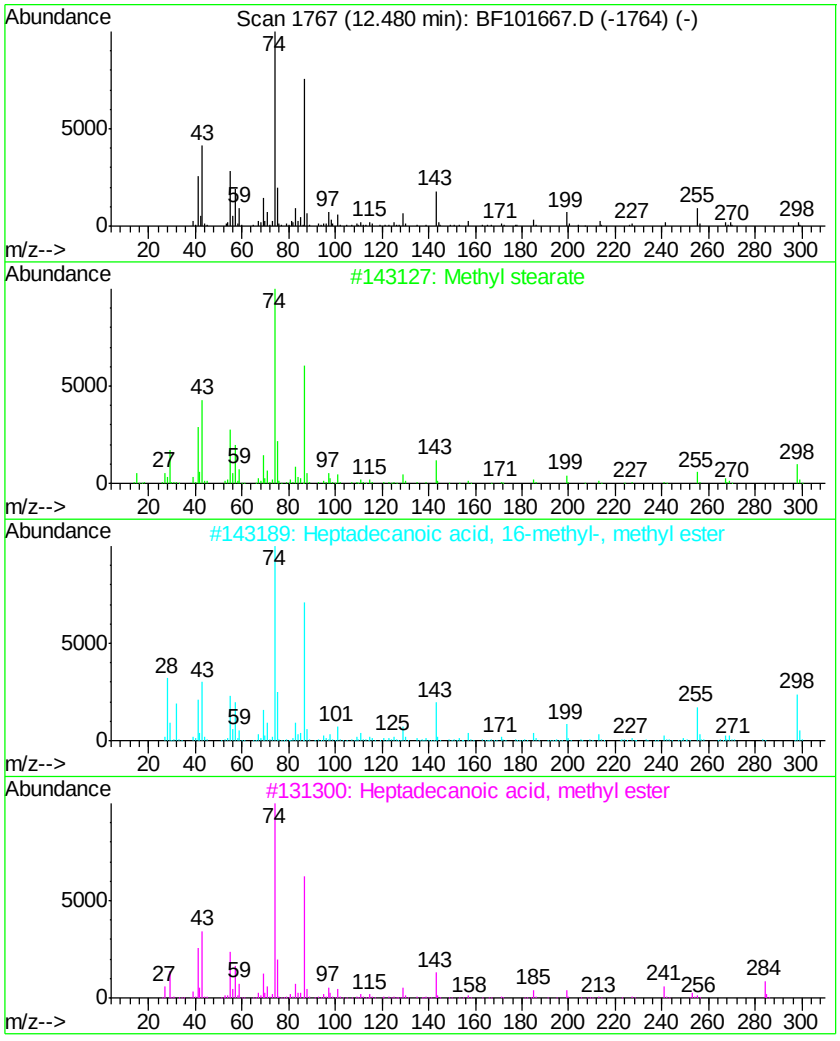
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

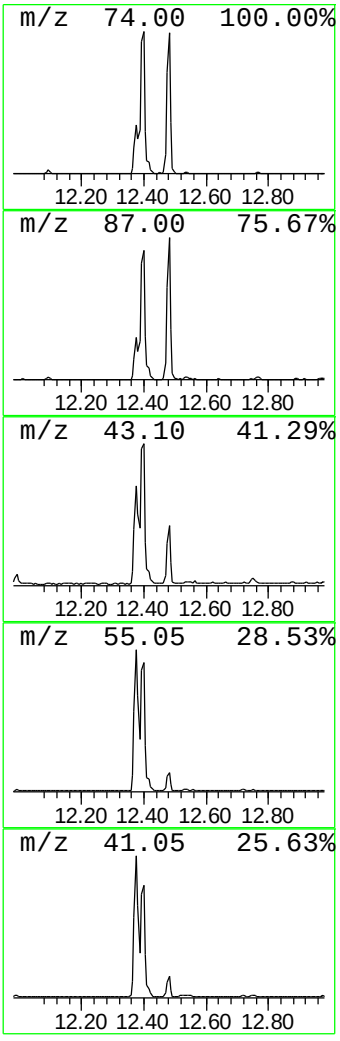
****

Peak Number 6 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	7.45 ng	303316	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown6.57	6.57	8.5	ng	359413	1	6.79	844899	20.0
Hexadecanoic acid...	11.69	18.1	ng	736491	4	11.32	813830	20.0
10,13-Octadecadie...	12.37	56.8	ng	2311760	4	11.32	813830	20.0
14-Octadecenoic a...	12.40	40.9	ng	1662890	4	11.32	813830	20.0
Methyl stearate	12.48	7.5	ng	303316	4	11.32	813830	20.0