LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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-BF080818.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	5.242	491	494	499	rBV	204177	190379	1.28%	0.287%
2	5.631	557	560	564	rBV	1072051	1002081	6.75%	1.509%
3	6.625	725	729	733	rBV	1346823	1080373	7.28%	1.627%
4	6.784	752	756	760	rBV	1341146	1077778	7.26%	1.623%
5	7.019	792	796	800	rBV	1533832	1249357	8.42%	1.881%
6	7.172	819	822	826	rVB	861787	777371	5.24%	1.171%
7	7.578	887	891	894	rBV	698028	643963	4.34%	0.970%
8	8.307	1011	1015	1019	rVB	1638051	1530476	10.31%	2.305%
9	8.342	1019	1021	1025	rVB2	155589	149826	1.01%	0.226%
10	8.583	1058	1062	1066	rVB5	157430	188551	1.27%	0.284%
11	8.807	1096	1100	1104	rBV2	189321	209235	1.41%	0.315%
12	8.878	1107	1112	1117	rVV4	248823	287367	1.94%	0.433%
13	9.125	1151	1154	1156	rBV	223758	186638	1.26%	0.281%
14	9.242	1171	1174	1177	rBV2	163724	166994	1.12%	0.251%
15	9.377	1193	1197	1201	rVB	1222798	1011412	6.81%	1.523%
16	9.448	1206	1209	1212	rVB	403621	343832	2.32%	0.518%
17	9.636	1238	1241	1247	rVB3	251653	254136	1.71%	0.383%
18	9.701	1247	1252	1254	rBV4	108090	175073	1.18%	0.264%
19	9.766	1260	1263	1268	rBV2	264476	263841	1.78%	0.397%
20	9.977	1294	1299	1303	rBV	591600	498875	3.36%	0.751%
21	10.072	1311	1315	1318	rVB	1457059	1292238	8.70%	1.946%
22	10.483	1381	1385	1387	rBV	610052	544473	3.67%	0.820%
23	10.701	1418	1422	1425	rBV	289557	339171	2.28%	0.511%
24	10.860	1446	1449	1452	rBV	513535	453161	3.05%	0.682%
25	10.954	1462	1465	1471	rBV	669735	777533	5.24%	1.171%
26	11.407	1539	1542	1544	rBV	651233	485637	3.27%	0.731%
27	11.436	1544	1547	1554	rVB	250989	297676	2.01%	0.448%
28	11.566	1565	1569	1573	rBV	1496044	1298687	8.75%	1.956%
29	11.836	1612	1615	1618	rBV	543161	432684	2.91%	0.652%
30	11.942	1629	1633	1636	rVB	6896502	5791906	39.01%	8.721%
31	12.077	1652	1656	1658	rBV	383959	394904	2.66%	0.595%
32	12.242	1681	1684	1692	rVB	405531	423427	2.85%	0.638%
33	12.636	1746	1751	1753	rBV	12157666	14846252	100.00%	22.355%
34	12.660	1753	1755	1761	rVB2	14905301	14090057	94.91%	21.216%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.736	1765	1768	1771	rVB	4282793	3518501	23.70%	5.298%
36	12.795	1771	1778	1781	rBV4	493268	945071	6.37%	1.423%
37	12.971	1805	1808	1812	rBV	740903	668578	4.50%	1.007%
38	13.013	1812	1815	1822	rVB2	251555	351288	2.37%	0.529%
39	13.154	1835	1839	1841	rBV	951057	835305	5.63%	1.258%
40	13.183	1841	1844	1846	rVV2	277628	296988	2.00%	0.447%
41	13.224	1847	1851	1855	rVB2	238411	305786	2.06%	0.460%
42	13.301	1861	1864	1866	rBV	427757	377511	2.54%	0.568%
43	13.336	1866	1870	1873	rVV2	599492	908046	6.12%	1.367%
44	13.371	1873	1876	1877	rVV2	283356	301803	2.03%	0.454%
45	13.389	1877	1879	1886	rVB2	401177	445194	3.00%	0.670%
46	13.460	1888	1891	1895	rBV	522167	556255	3.75%	0.838%
47	13.577	1908	1911	1915	rBV4	280762	337864	2.28%	0.509%
48	13.630	1917	1920	1923	rVB	296136	297481	2.00%	0.448%
49	13.895	1961	1965	1969	rVB2	539319	715039	4.82%	1.077%
50	14.136	2003	2006	2009	rBV	424180	378998	2.55%	0.571%
51	14.224	2017	2021	2024	rBV	1265430	1173594	7.90%	1.767%
52	15.136	2173	2176	2185	rVB	317577	460058	3.10%	0.693%
53	15.795	2284	2288	2295	rVB	564147	782928	5.27%	1.179%

Sum of corrected areas: 66411652

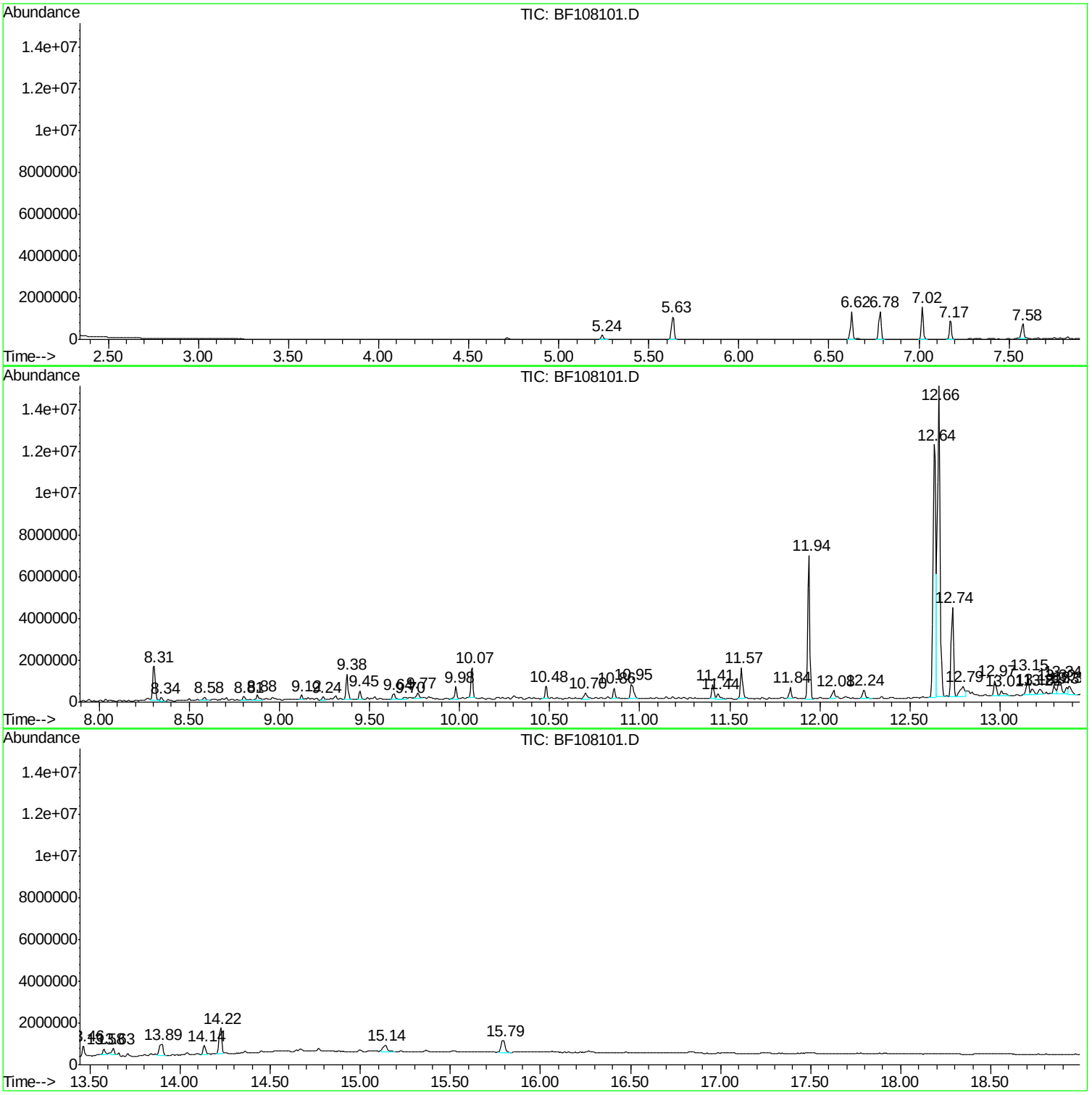
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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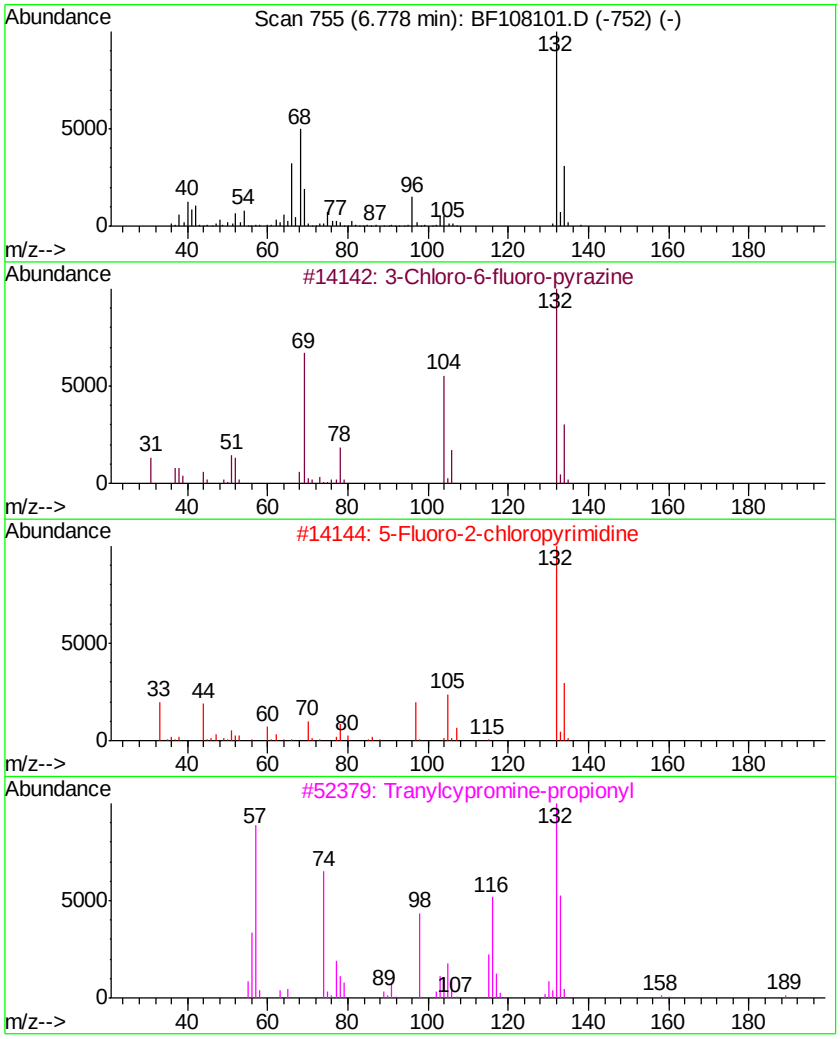
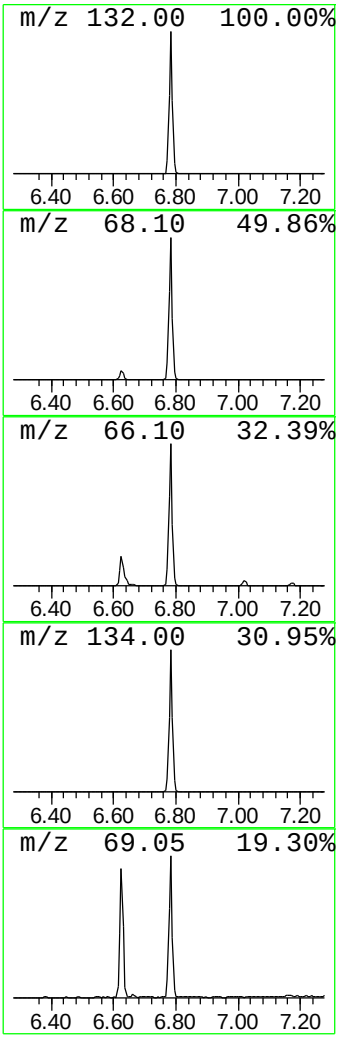
Peak Number 1 unknown6.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	17.25 ng	1077780	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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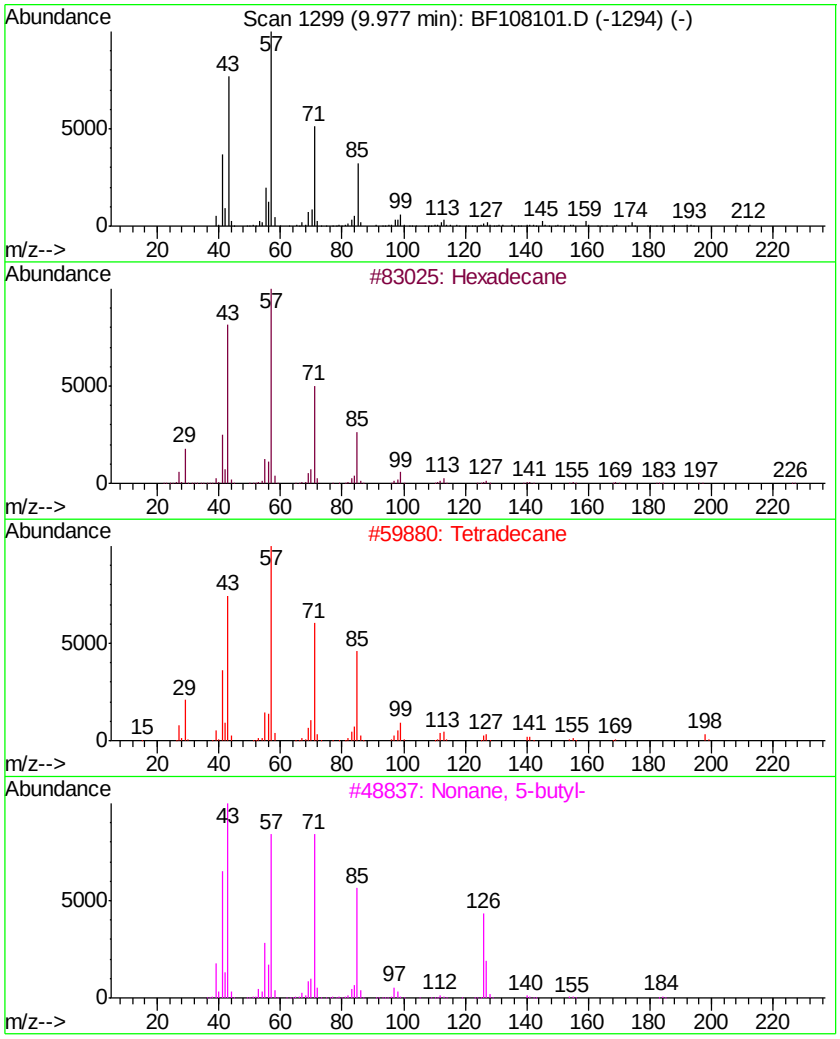
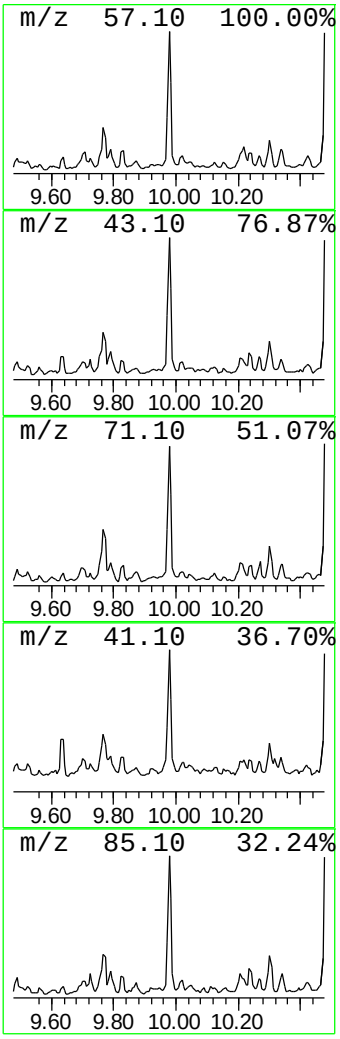
Peak Number 3 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	7.72 ng	498875	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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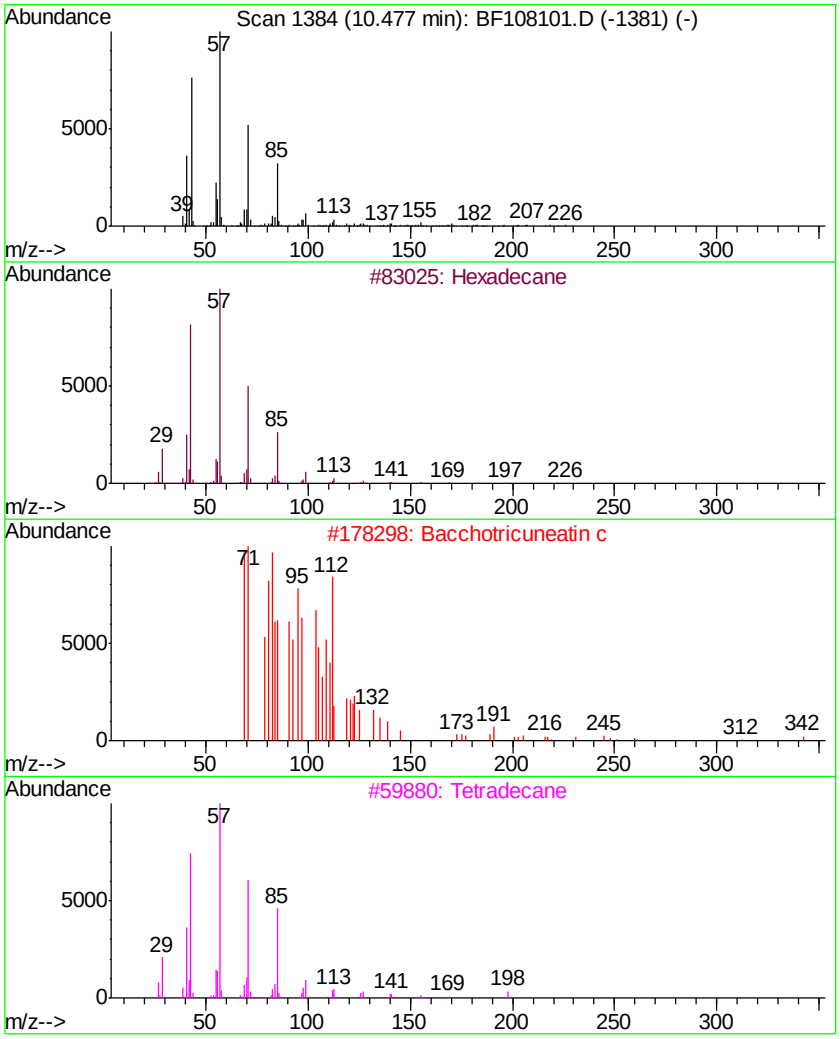
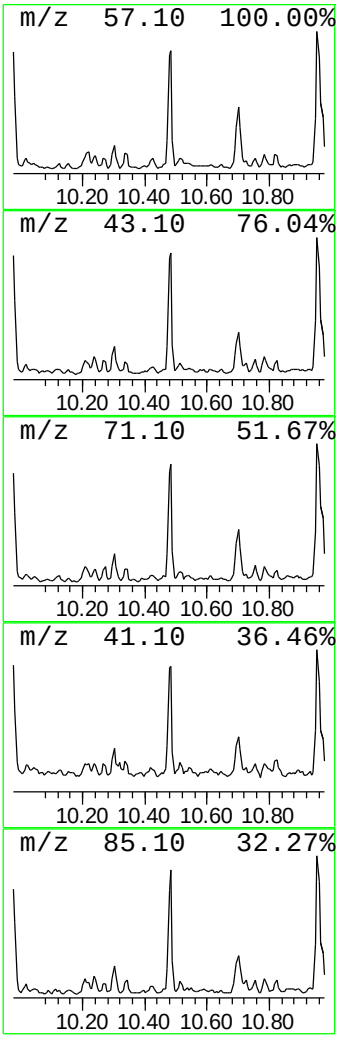
Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	8.43 ng	544473	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
3	Tetradecane	198	C14H30	000629-59-4	90
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

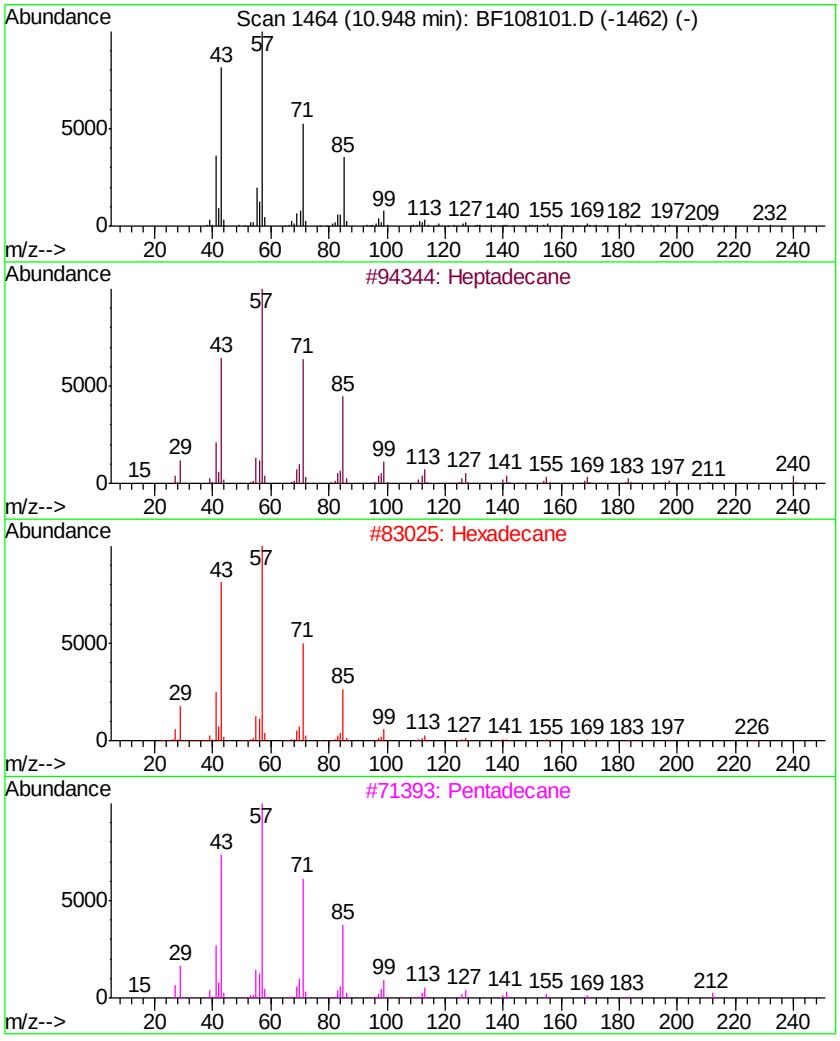
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

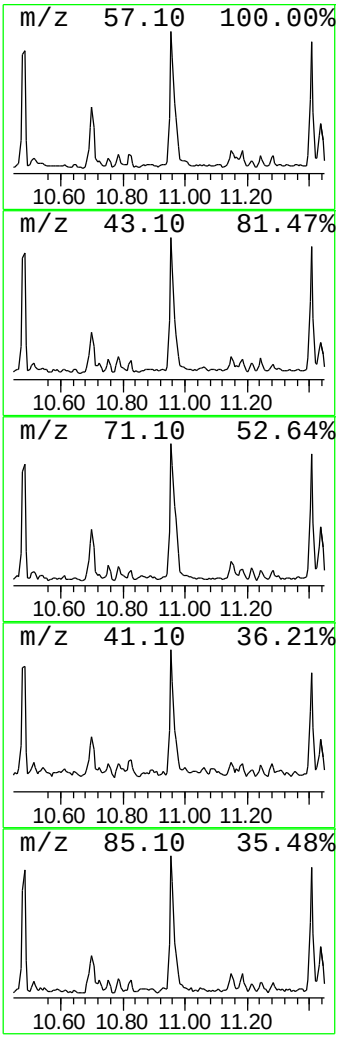
****

Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	11.97 ng	777533	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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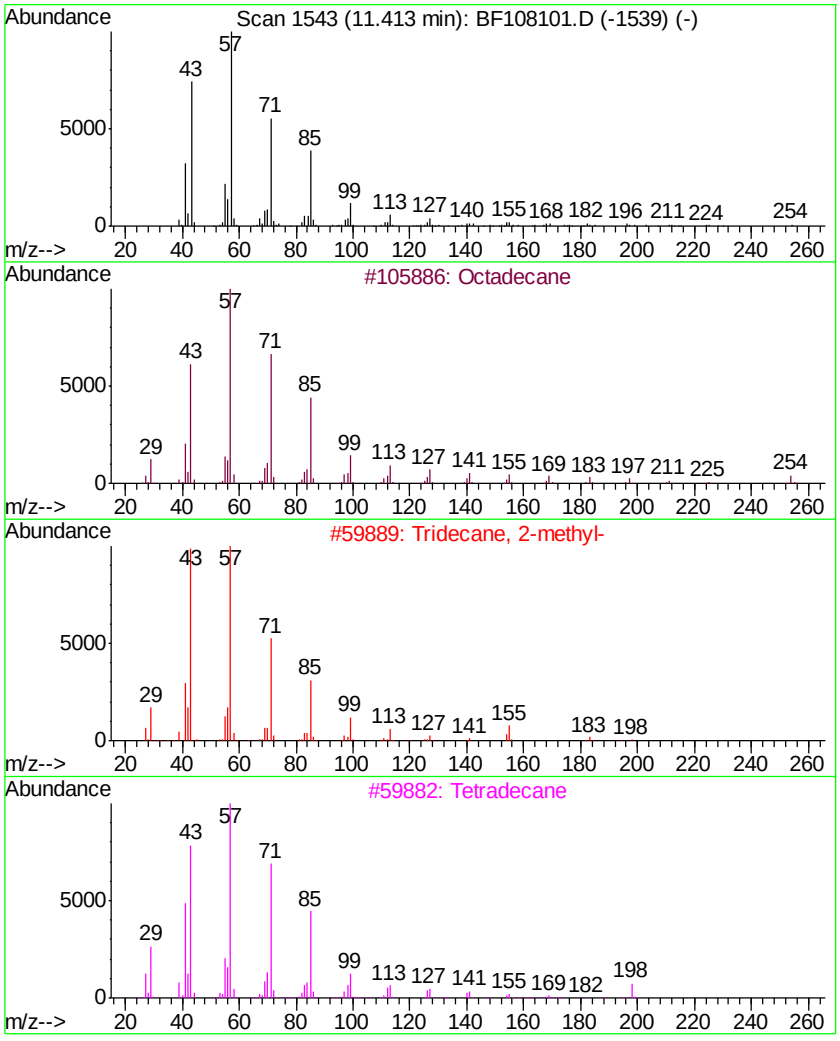
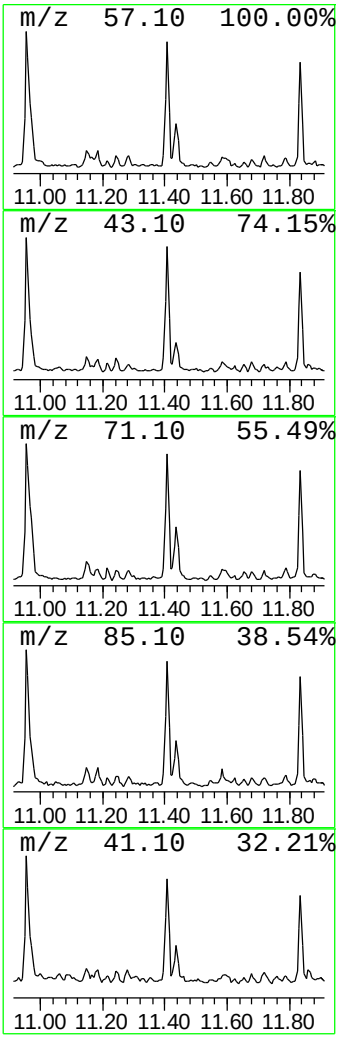
Peak Number 6 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	7.48 ng	485637	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentadecane	212	C15H32	000629-62-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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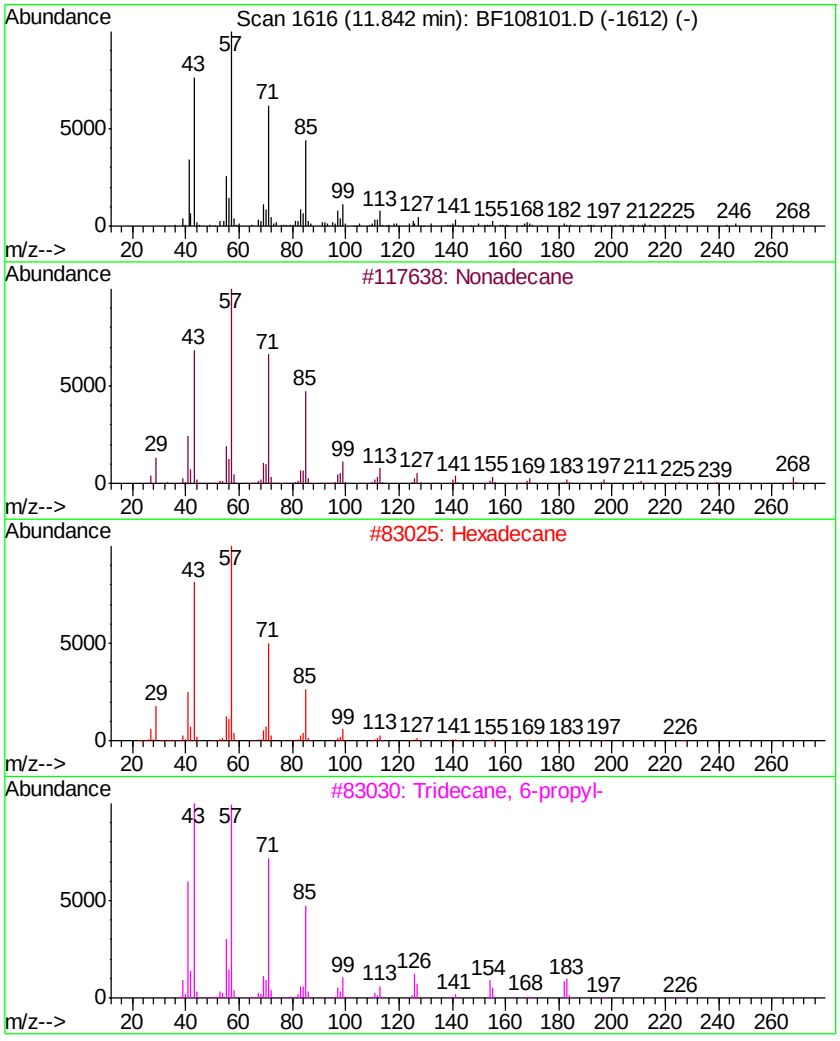
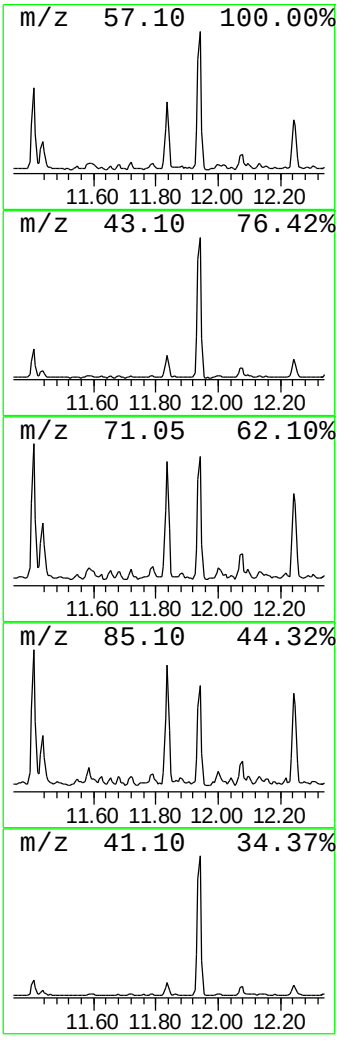
Peak Number 7 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.66 ng	432684	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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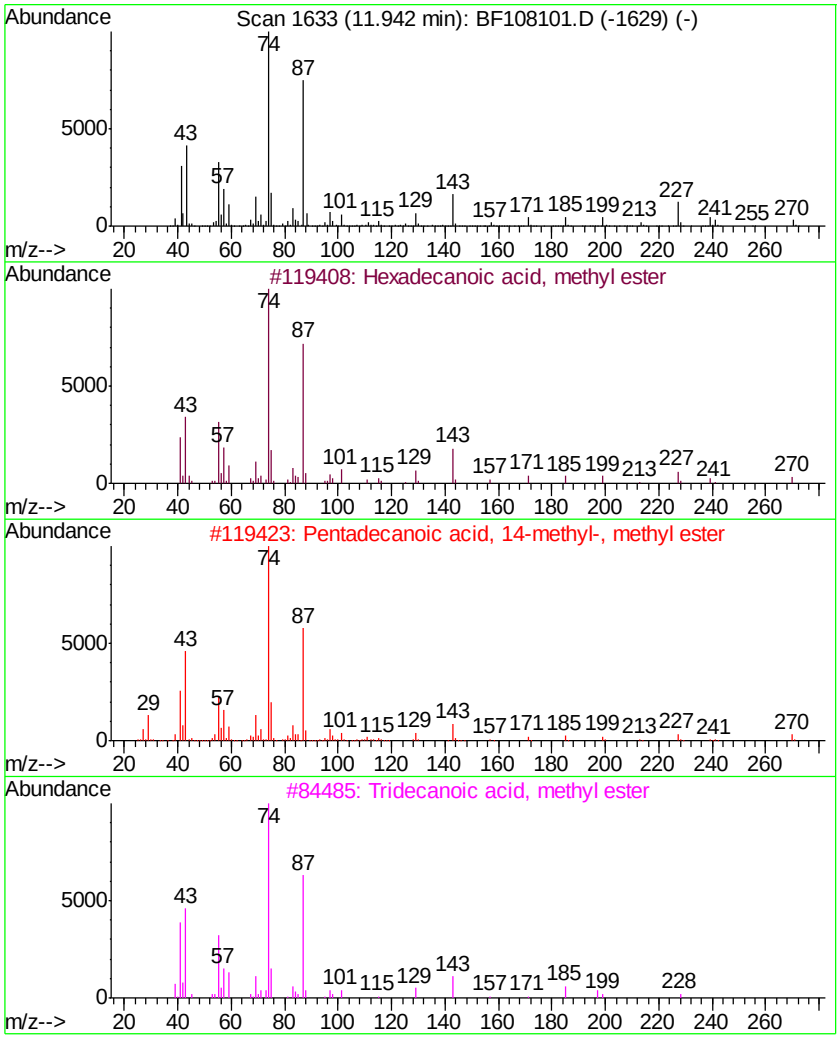
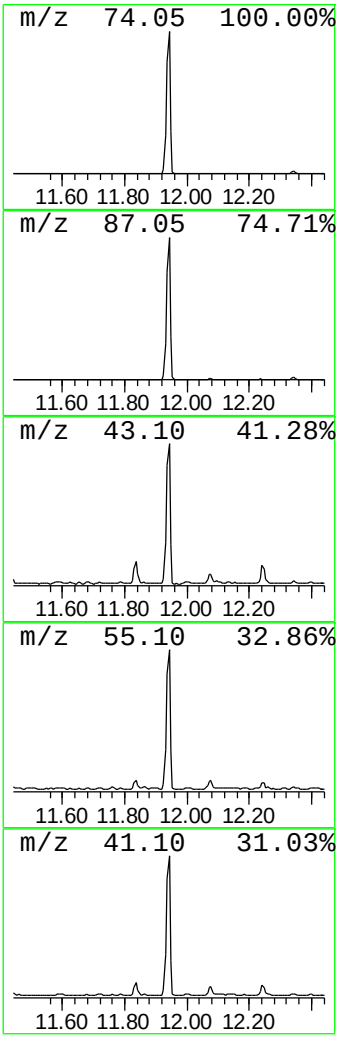
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	89.20 ng	5791910	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

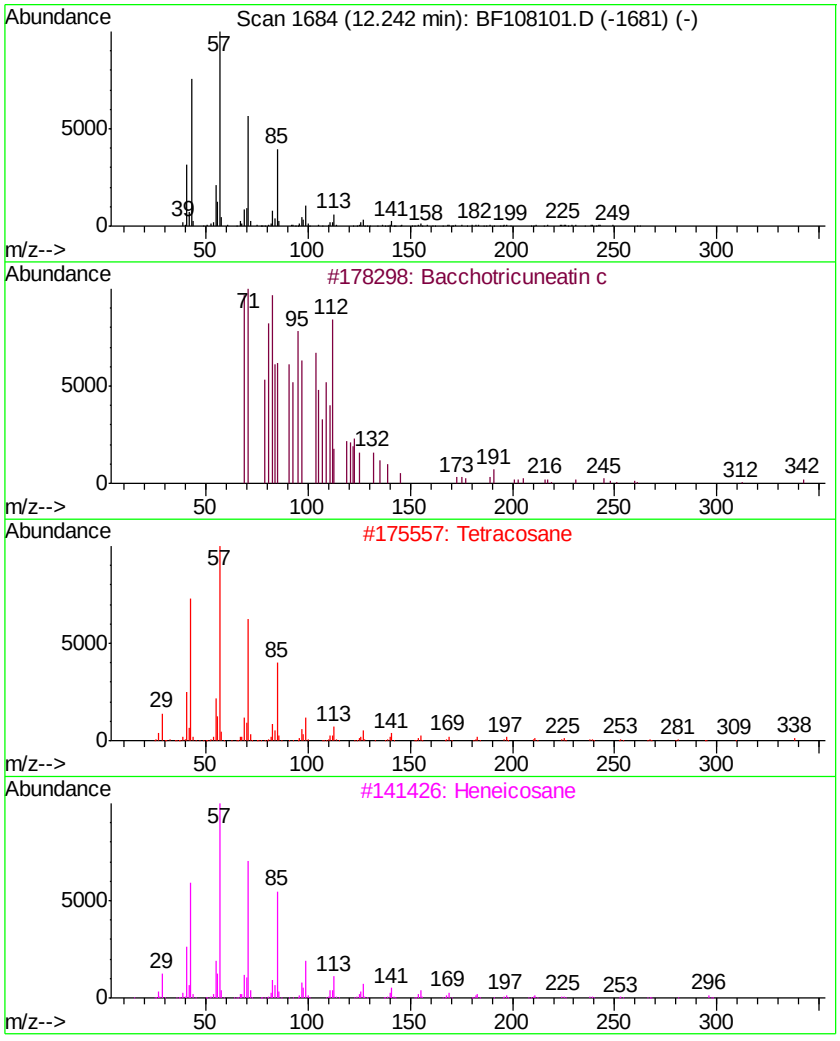
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

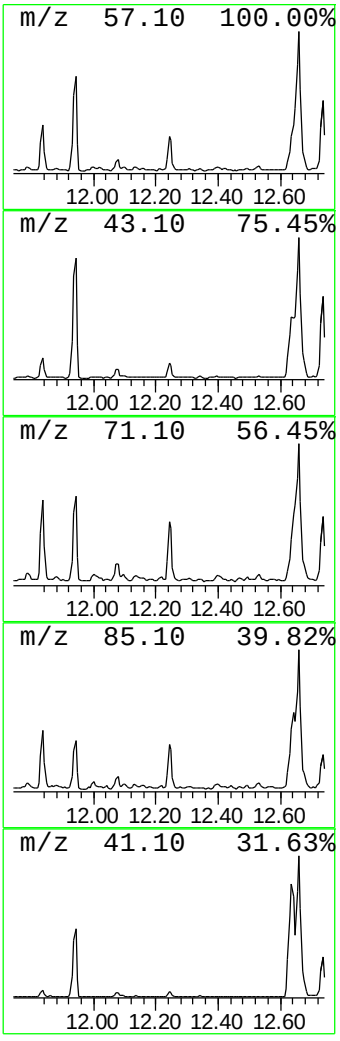
****

Peak Number 9 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	6.52 ng	423427	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heptadecane	240	C17H36	000629-78-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

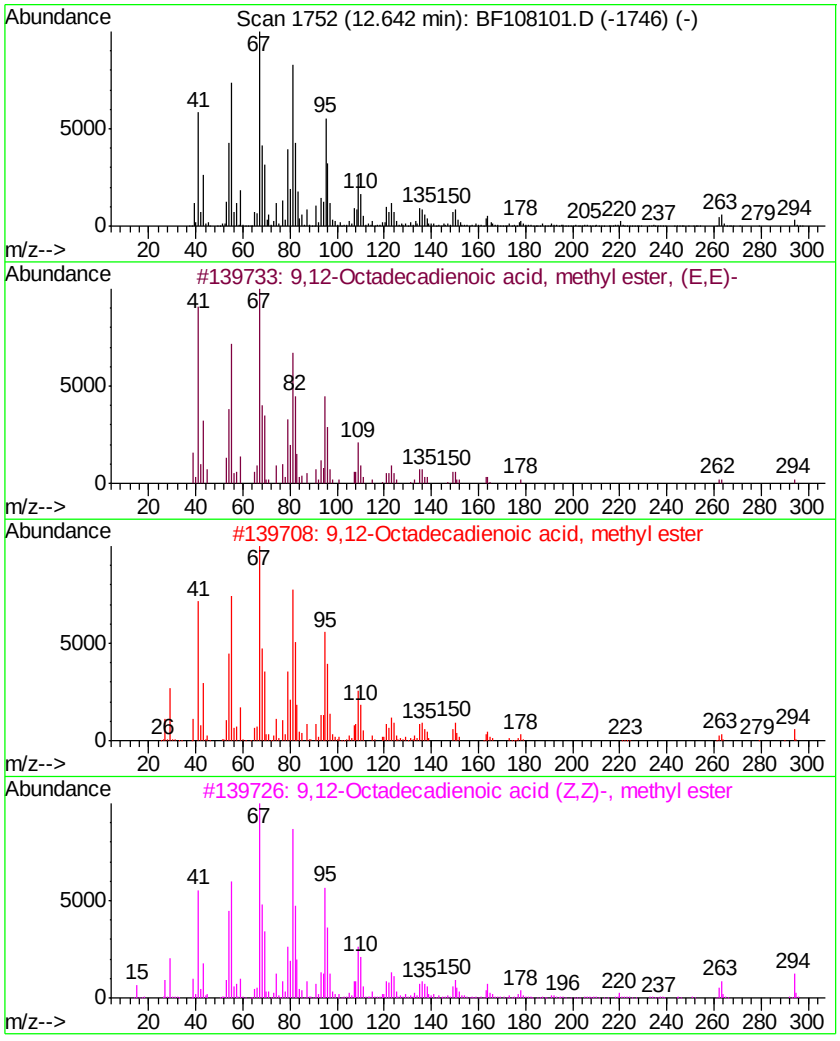
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

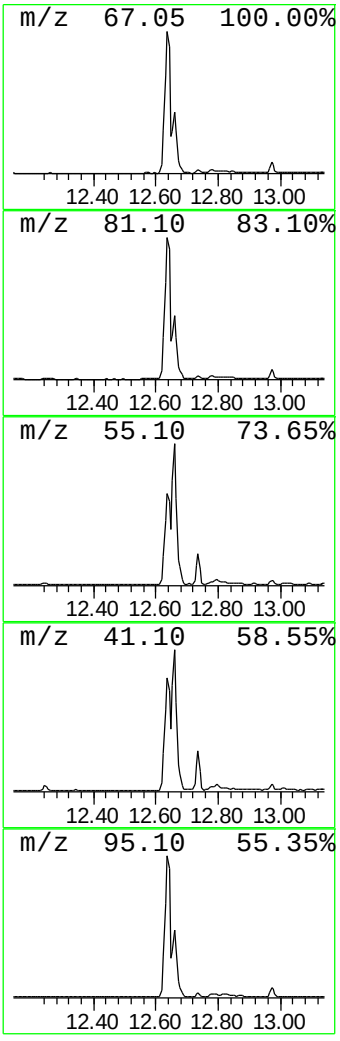
****

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	228.64 ng	14846300	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

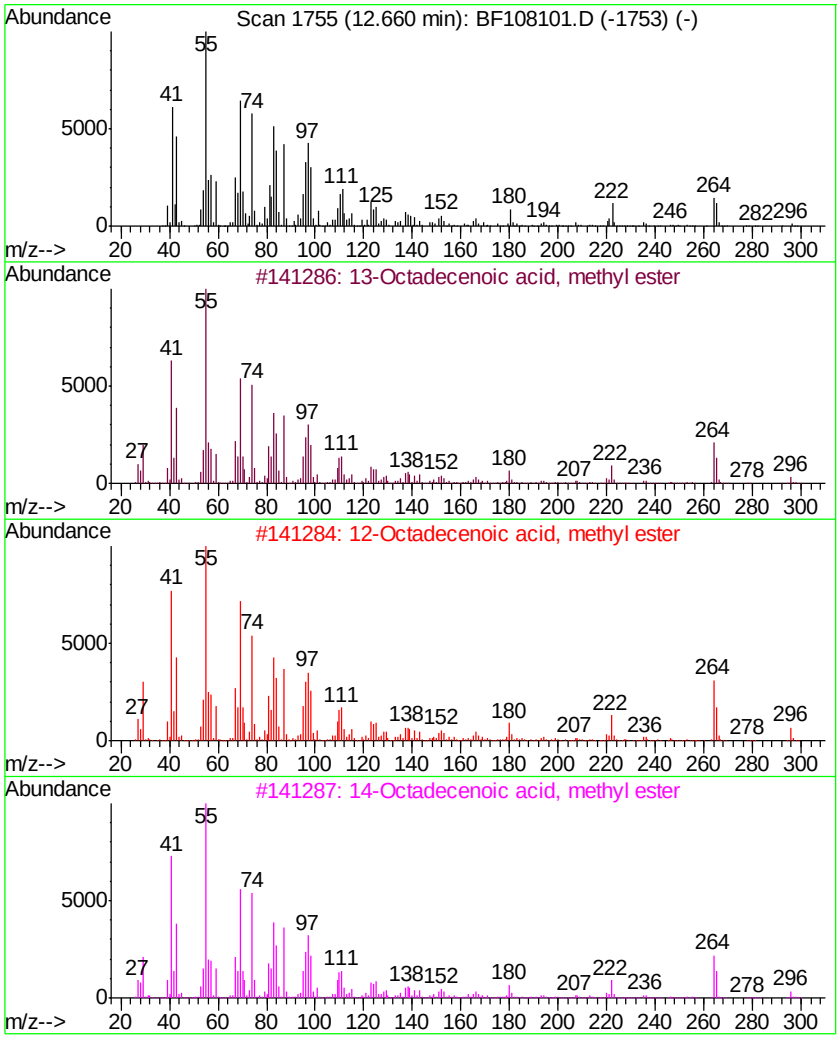
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

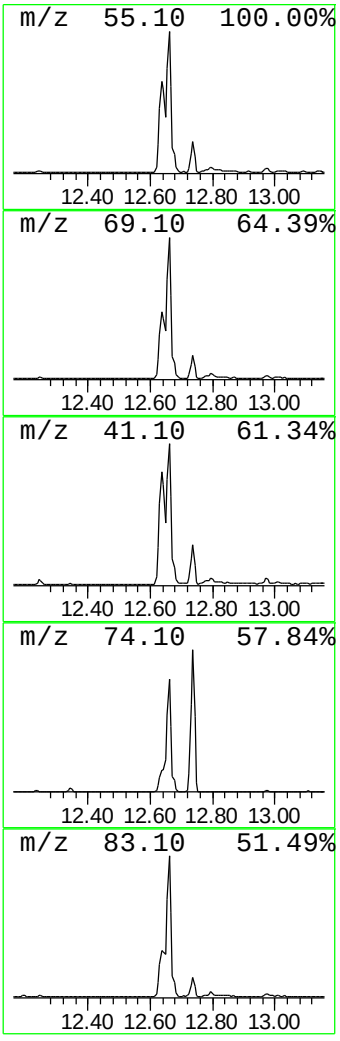
****

Peak Number 11 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	216.99 ng	14090100	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

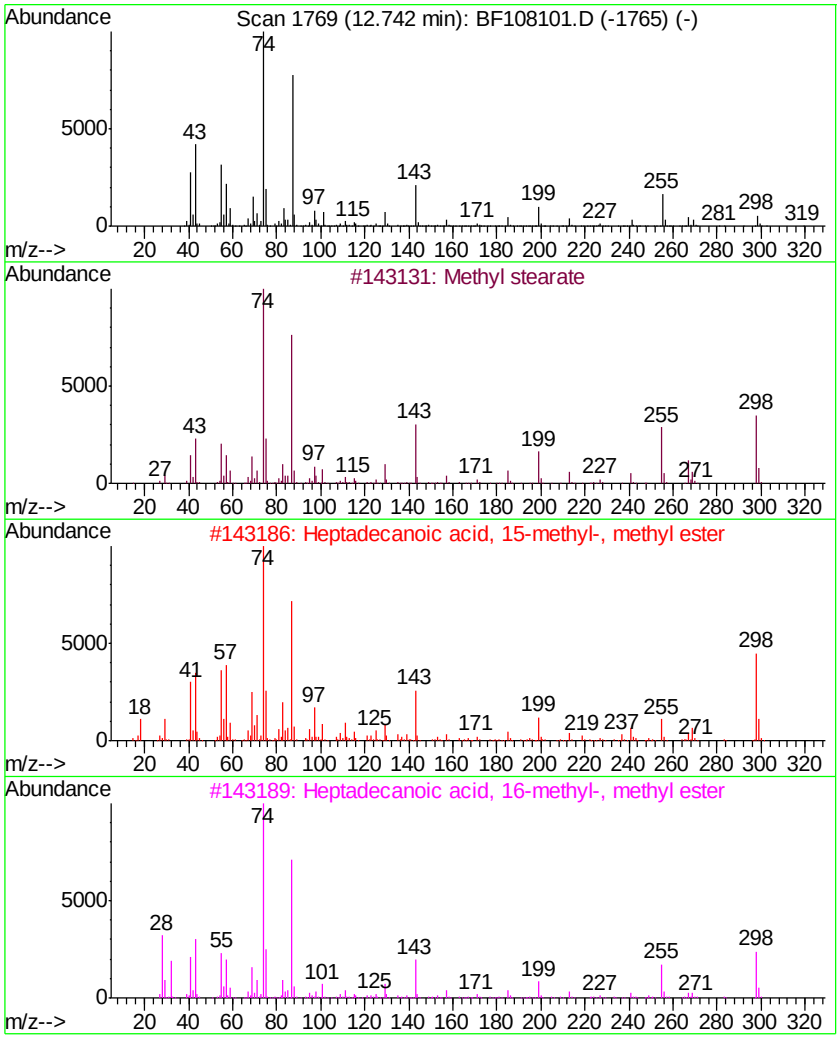
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

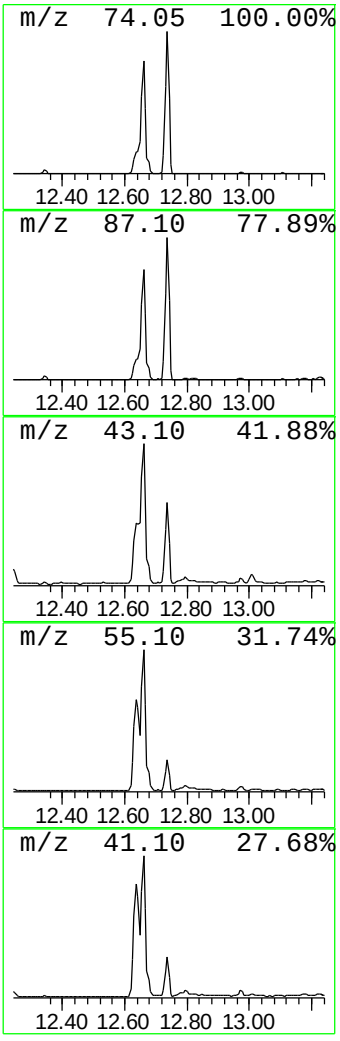
****

Peak Number 12 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	54.19 ng	3518500	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





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Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

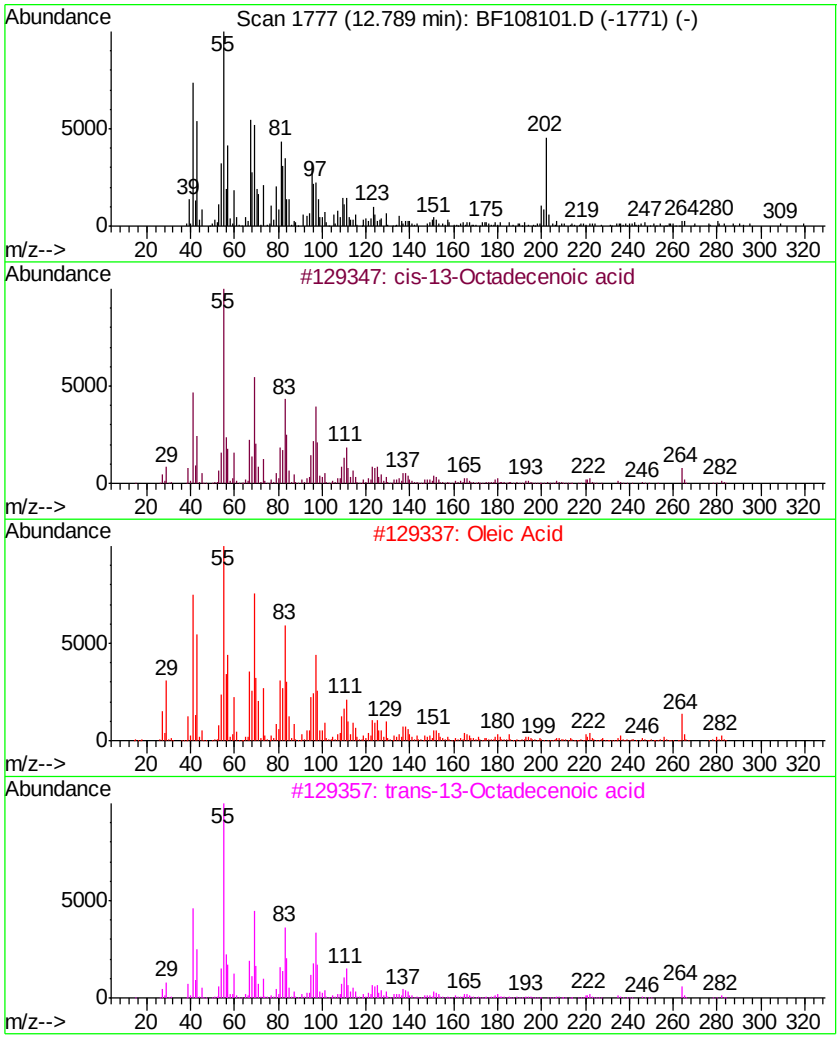
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

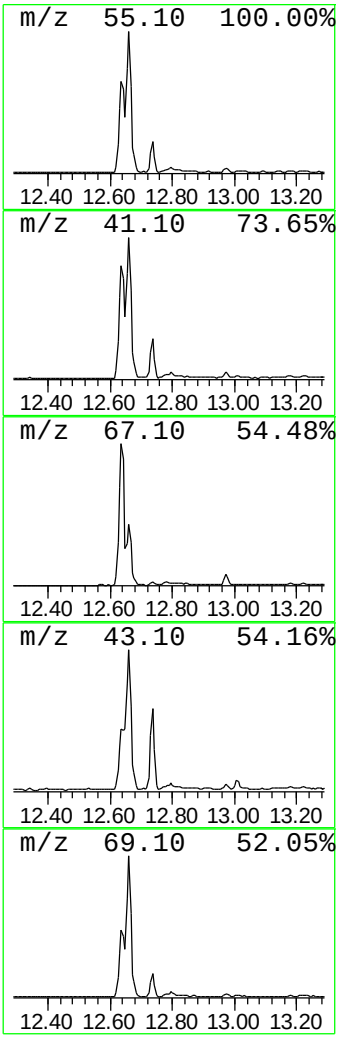
****

Peak Number 13 cis-13-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	14.55 ng	945071	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
2	Oleic Acid	282	C18H34O2	000112-80-1	96
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
4	cis-11-Hexadecenal	238	C16H30O	053939-28-9	83
5	3,11-Tetradecadien-1-ol	210	C14H26O	1000131-36-2	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

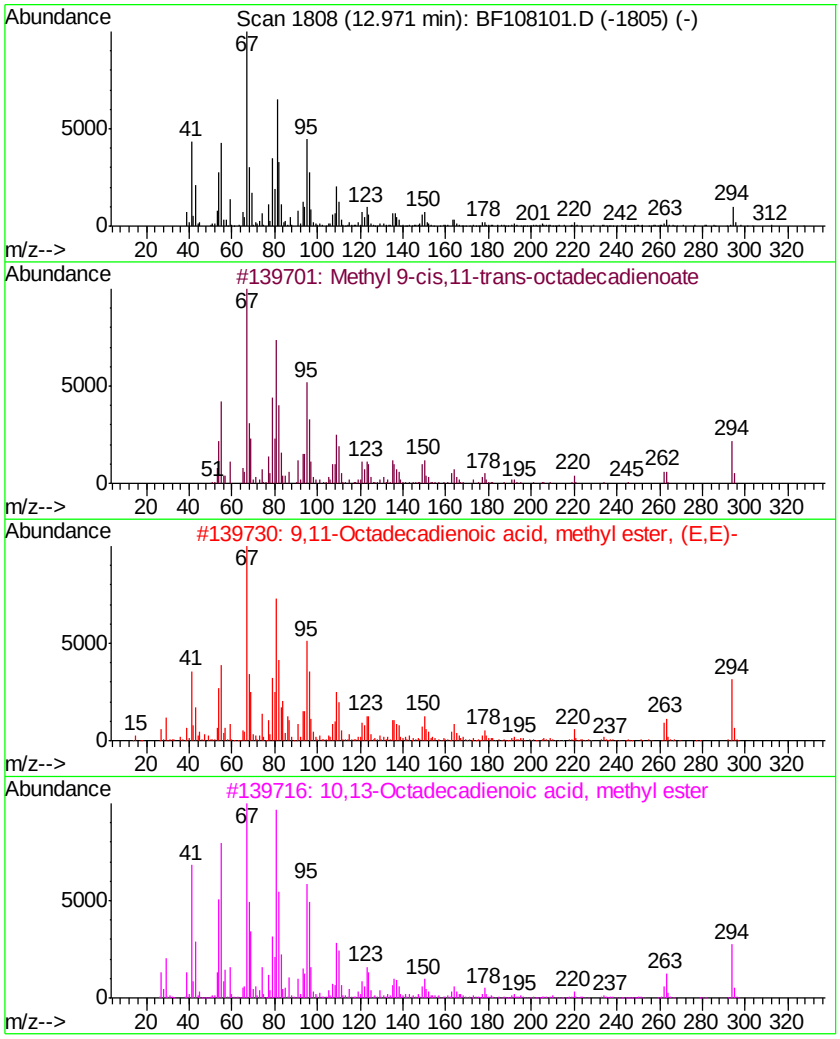
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

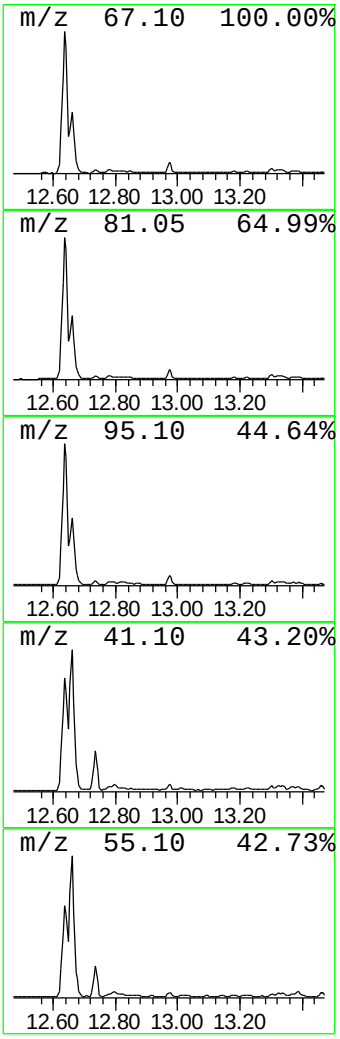
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Methyl 9-cis,11-trans-octad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	11.39 ng	668578	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96
2	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	95
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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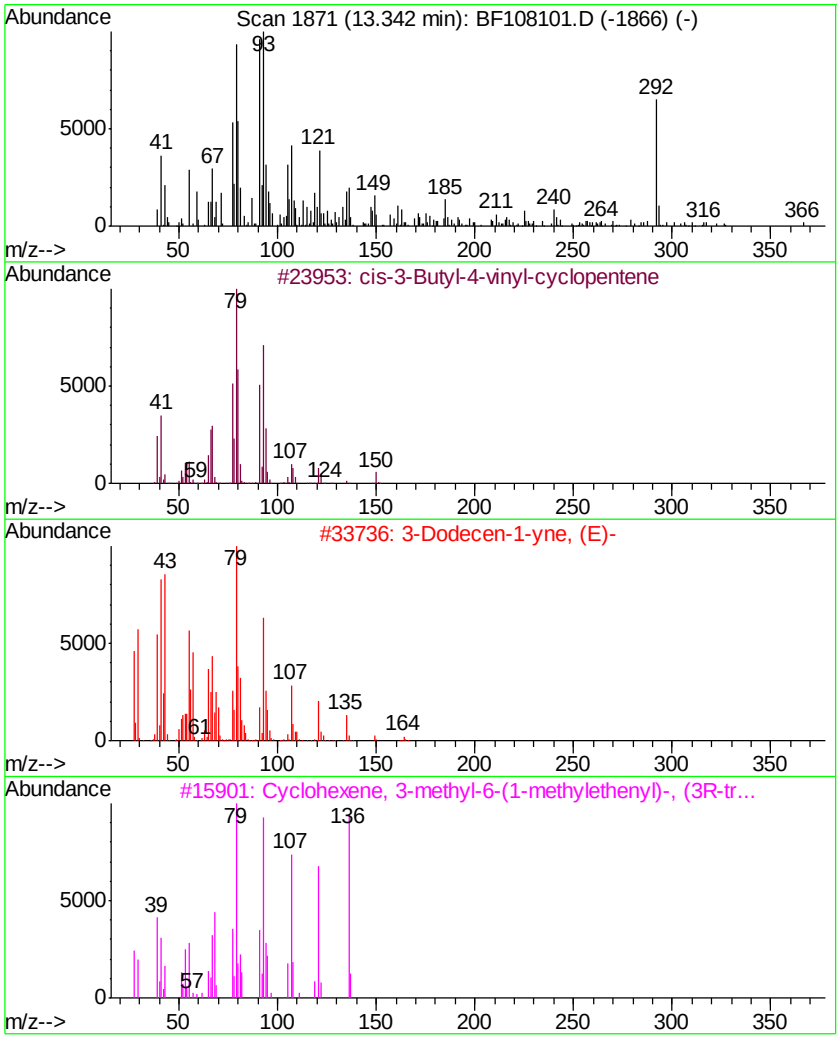
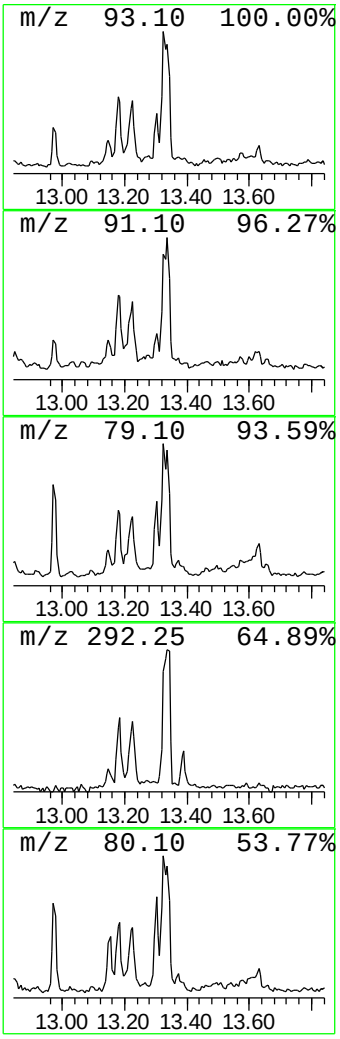
Peak Number 15 cis-3-Butyl-4-vinyl-cyclope... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	15.47 ng	908046	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Butyl-4-vinyl-cyclopentene	150	C11H18	093779-52-3	86
2	3-Dodecen-1-yne, (E)-	164	C12H20	025091-25-2	70
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	64
4	Methyl 8,11,14,17-eicosatetraenoate	318	C21H34O2	1000336-47-0	64
5	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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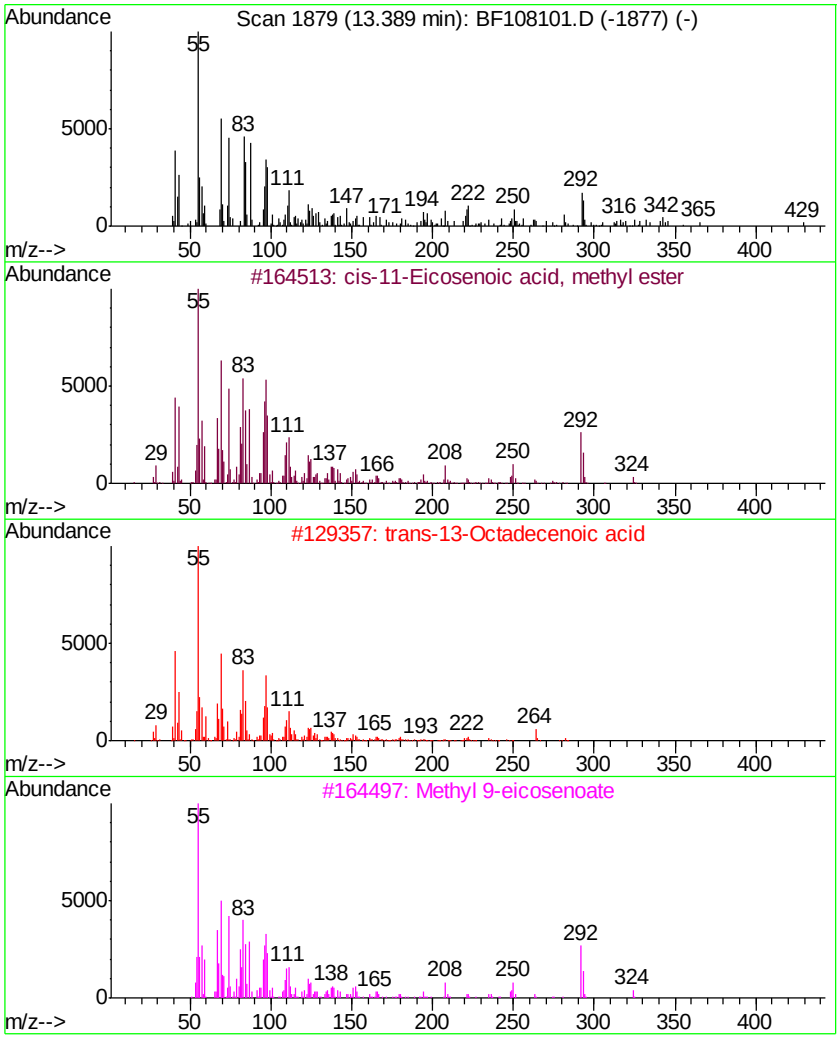
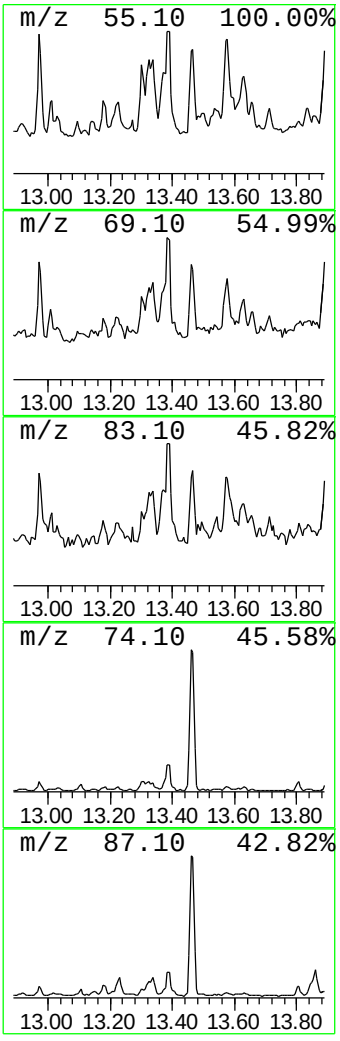
Peak Number 16 cis-11-Eicosenoic acid, met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	7.59 ng	445194	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	64
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	60
3	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	58
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	50
5	Oleic Acid	282	C18H34O2	000112-80-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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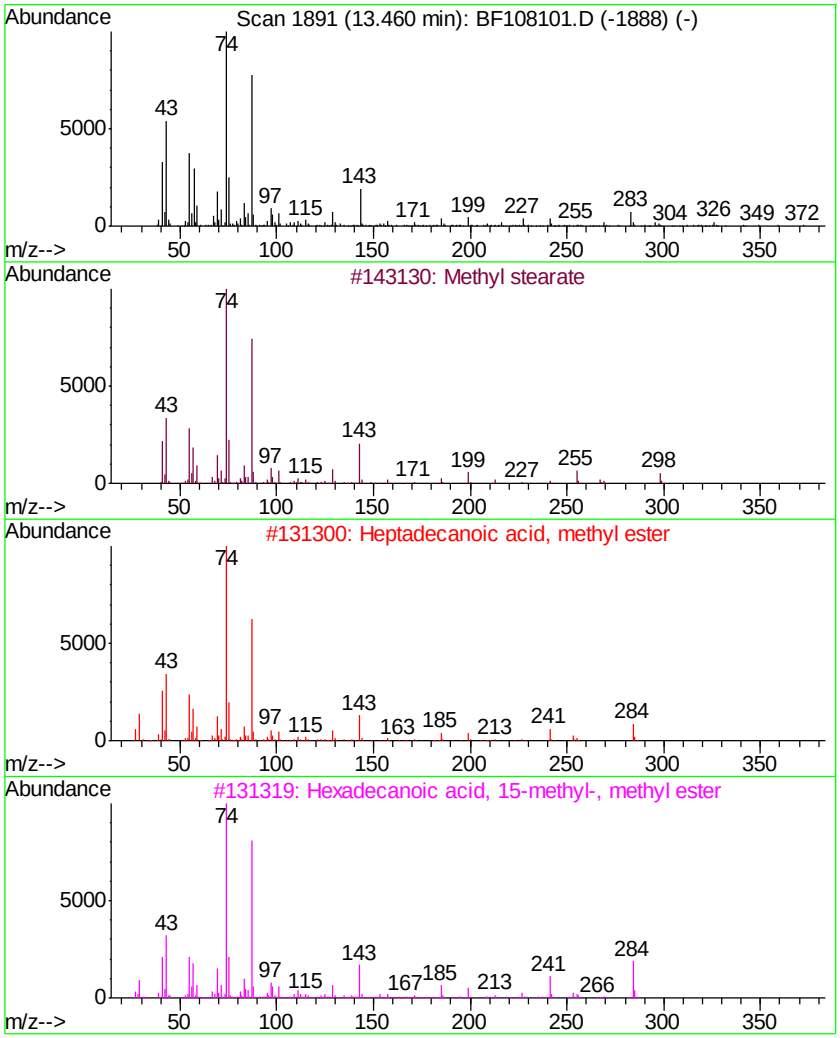
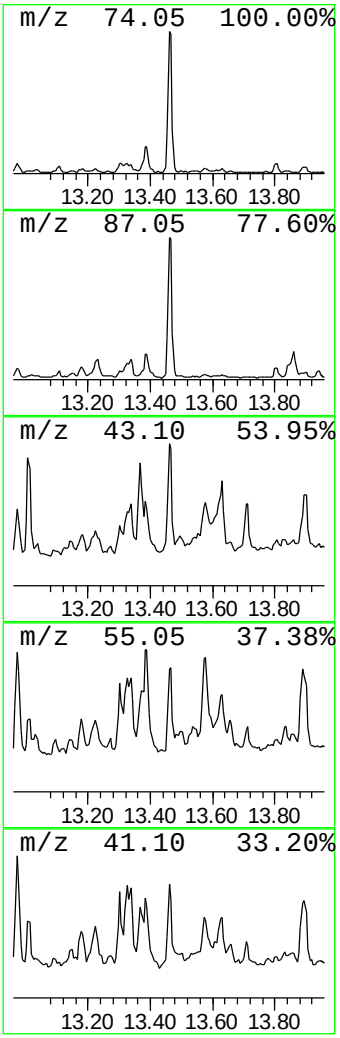
Peak Number 17 Heptadecanoic acid, 16-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	9.48 ng	556255	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	97
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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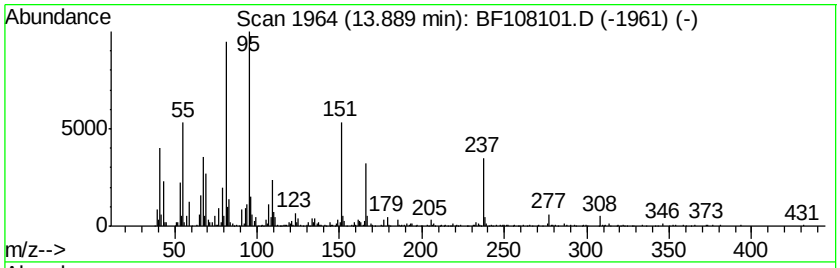
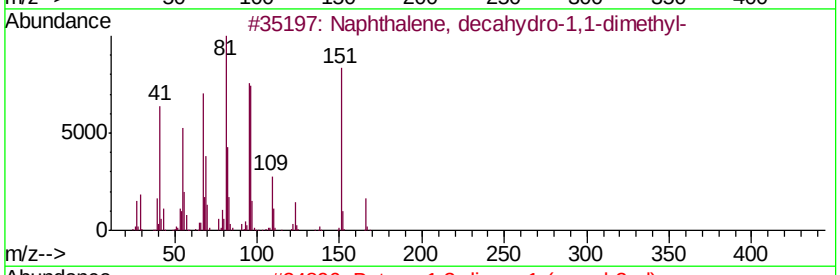
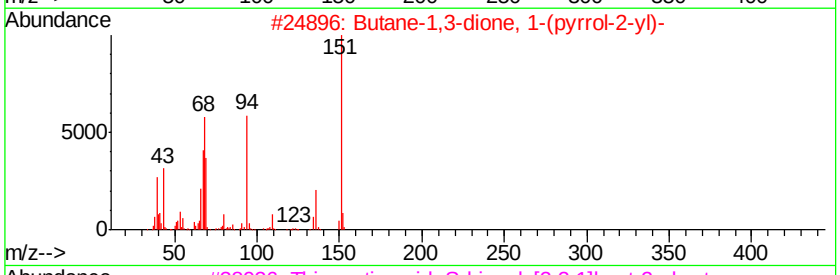
Peak Number 18 unknown13.89 Concentration Rank 9

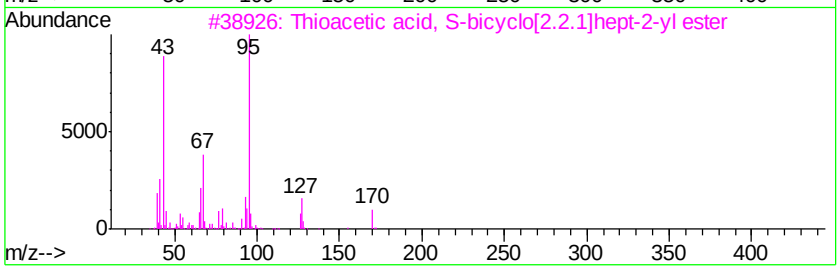
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	12.19 ng	715039	Chrysene-d12	14.22

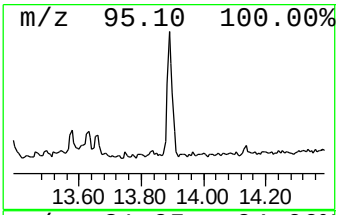
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	38
2	Butane-1,3-dione, 1-(pyrrol-2-yl)-	151	C8H9NO2	022441-25-4	30
3	Thioacetic acid, S-bicyclo[2.2.1...	170	C9H14OS	1000210-29-4	27
4	4-Amino-2,1,3-benzothiadiazole	151	C6H5N3S	000767-64-6	22
5	1H-Pyrazolo[4,3-E]1,2,4-triazine...	151	C5H5N5O	037526-53-7	22

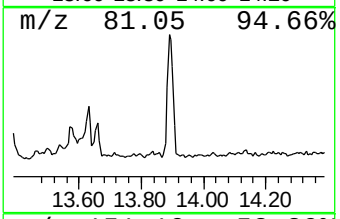


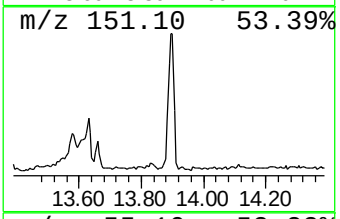


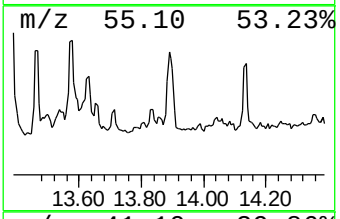


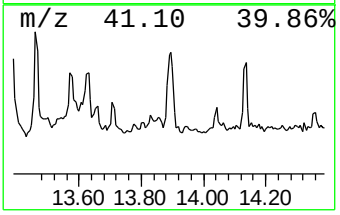












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

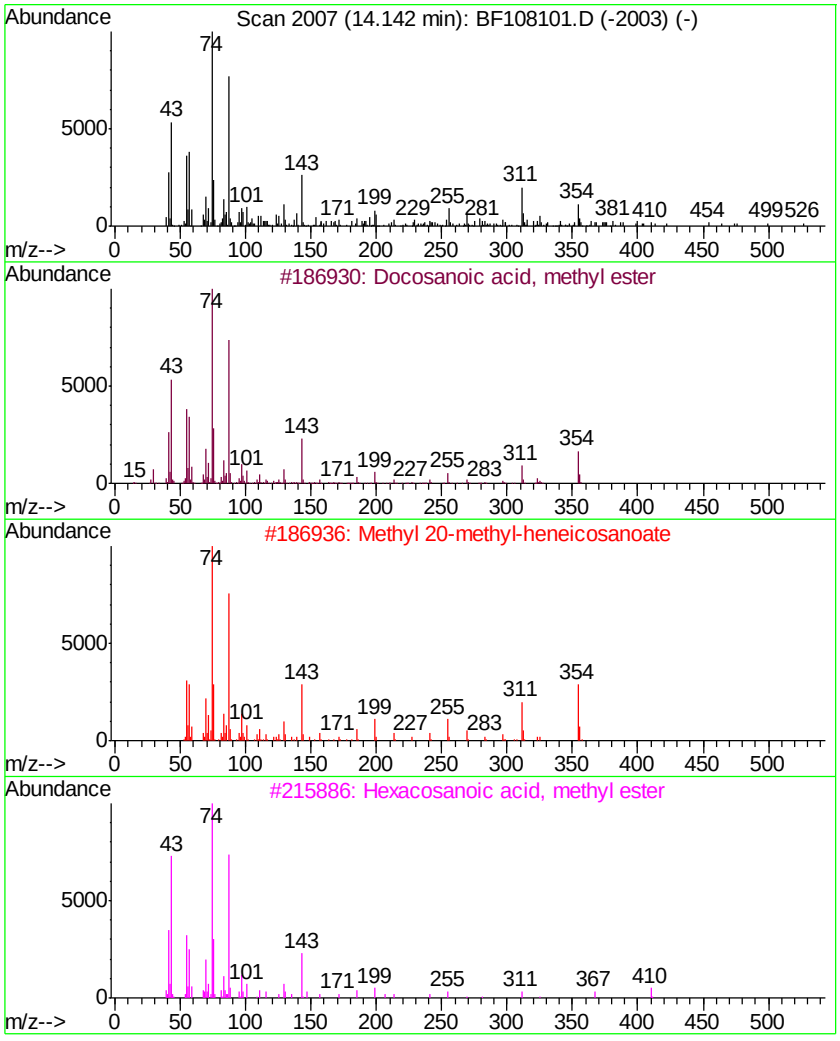
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

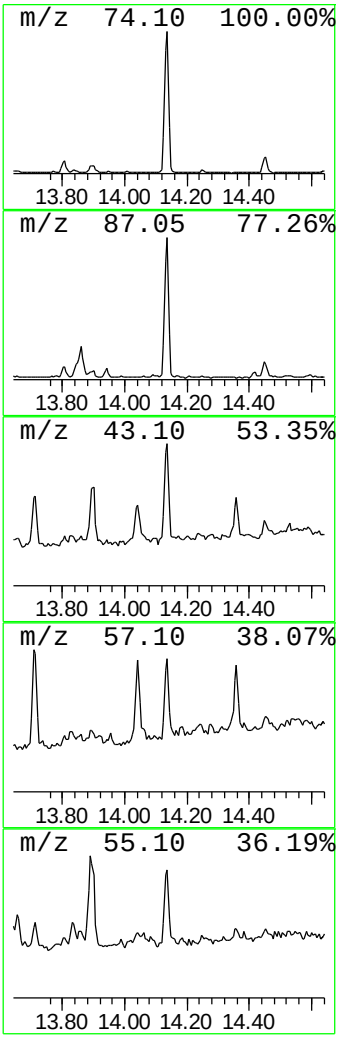
****

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	6.46 ng	378998	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	90
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

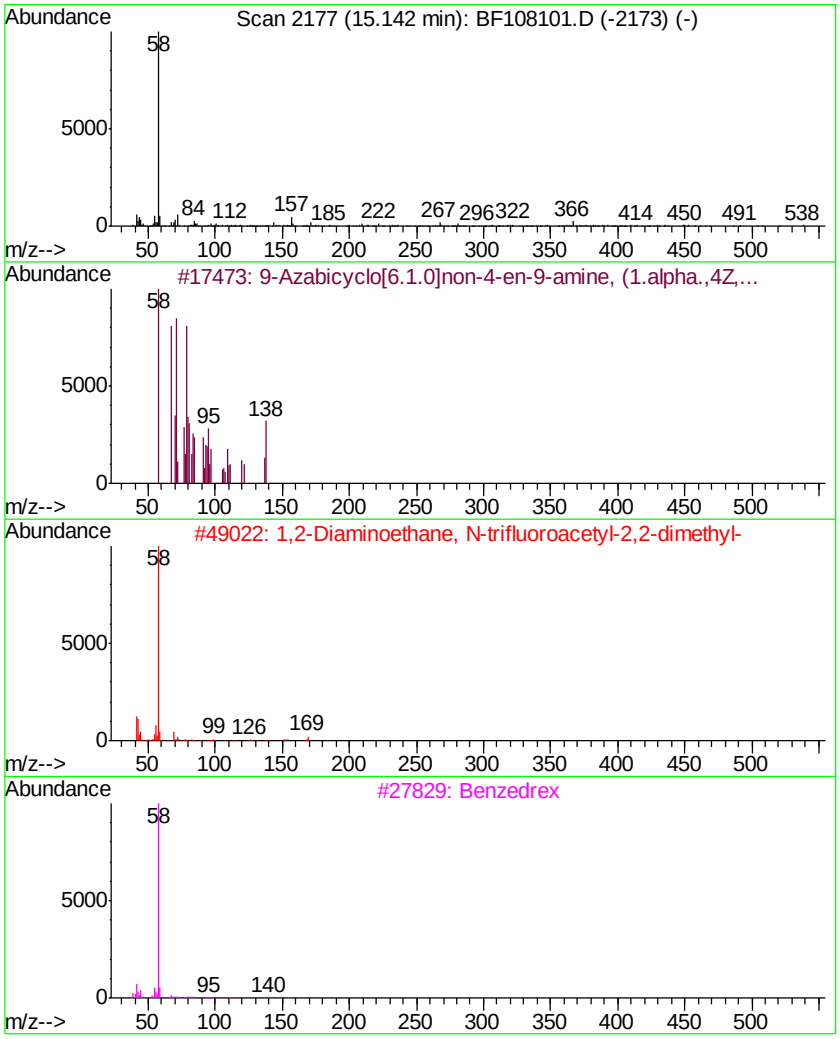
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

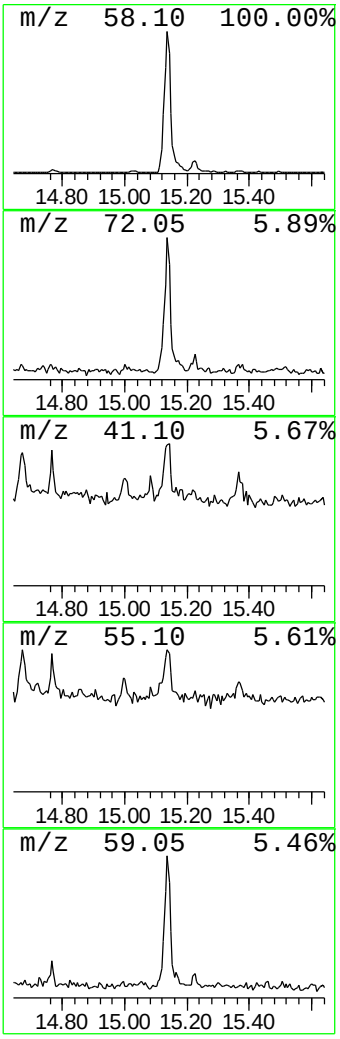
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	11.75 ng	460058	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	64
2	1,2-Diaminoethane, N-trifluoroac...	184	C6H11F3N2O	095778-71-5	59
3	Benzedrex	155	C10H21N	000101-40-6	59
4	N-[2-(Dimethylamino)ethyl]-2-(4-...	292	C18H20N4	1000326-53-8	59
5	O-[n-Propylcarbamoyl]-3-exo-dime...	267	C14H25N3O2	1000211-95-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.78	6.78	17.3	ng	1077780	1	7.02	1249360	20.0
Hexadecane	9.98	7.7	ng	498875	3	10.07	1292240	20.0
Sulfurous acid, 2...	10.48	8.4	ng	544473	3	10.07	1292240	20.0
Heptadecane	10.95	12.0	ng	777533	4	11.57	1298690	20.0
Octadecane	11.41	7.5	ng	485637	4	11.57	1298690	20.0
Nonadecane	11.84	6.7	ng	432684	4	11.57	1298690	20.0
Hexadecanoic acid...	11.94	89.2	ng	5791910	4	11.57	1298690	20.0
Bacchotricuneatin c	12.24	6.5	ng	423427	4	11.57	1298690	20.0
9,12-Octadecadien...	12.64	228.6	ng	14846300	4	11.57	1298690	20.0
13-Octadecenoic a...	12.66	217.0	ng	14090100	4	11.57	1298690	20.0
Methyl stearate	12.74	54.2	ng	3518500	4	11.57	1298690	20.0
cis-13-Octadeceno...	12.79	14.6	ng	945071	4	11.57	1298690	20.0
Methyl 9-cis,11-t...	12.97	11.4	ng	668578	5	14.22	1173590	20.0
cis-3-Butyl-4-vin...	13.34	15.5	ng	908046	5	14.22	1173590	20.0
cis-11-Eicosenoic...	13.39	7.6	ng	445194	5	14.22	1173590	20.0
Heptadecanoic aci...	13.46	9.5	ng	556255	5	14.22	1173590	20.0
unknown13.89	13.89	12.2	ng	715039	5	14.22	1173590	20.0
Docosanoic acid, ...	14.14	6.5	ng	378998	5	14.22	1173590	20.0
9-Azabicyclo[6.1....	15.14	11.8	ng	460058	6	15.79	782928	20.0