LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

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-BF031518.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	5.593	592	596	603	rVB	1767290	1537974	7.74%	2.040%
2	6.593	762	766	769	rBV	1633267	1513393	7.61%	2.008%
3	6.745	787	792	795	rBV	1817120	1630313	8.20%	2.163%
4	6.975	828	831	835	rBV	1044714	813926	4.09%	1.080%
5	7.134	854	858	861	rBV	1331182	1214661	6.11%	1.612%
6	7.534	922	926	929	rBV	1134486	935281	4.70%	1.241%
7	8.257	1046	1049	1051	rBV	1255483	995370	5.01%	1.321%
8	8.281	1051	1053	1055	rVB	286796	213676	1.07%	0.283%
9	8.969	1165	1170	1176	rBV3	202681	230807	1.16%	0.306%
10	9.328	1228	1231	1235	rBV	1972791	1643015	8.26%	2.180%
11	9.586	1272	1275	1281	rBV2	430226	419344	2.11%	0.556%
12	9.881	1321	1325	1329	rBV	445683	412302	2.07%	0.547%
13	10.016	1345	1348	1351	rBV	1024060	925987	4.66%	1.229%
14	10.045	1351	1353	1357	rVB2	521872	424536	2.14%	0.563%
15	10.428	1412	1418	1422	rBV2	245111	288250	1.45%	0.382%
16	10.569	1438	1442	1448	rVB2	358445	414024	2.08%	0.549%
17	10.810	1479	1483	1486	rBV	911755	794997	4.00%	1.055%
18	10.904	1496	1499	1507	rBV2	194331	310923	1.56%	0.413%
19	11.010	1514	1517	1520	rBV	887987	761982	3.83%	1.011%
20	11.516	1599	1603	1604	rBV	857685	809947	4.07%	1.075%
21	11.539	1604	1607	1610	rVB	1704991	1447475	7.28%	1.920%
22	11.586	1612	1615	1618	rBV	596660	487357	2.45%	0.647%
23	11.792	1646	1650	1651	rVV2	178143	206256	1.04%	0.274%
24	11.810	1651	1653	1657	rVB2	1365351	1093329	5.50%	1.451%
25	11.904	1662	1669	1672	rBV	6243380	10689960	53.76%	14.183%
26	12.016	1685	1688	1691	rBV	314714	326849	1.64%	0.434%
27	12.045	1691	1693	1697	rVB	428563	323859	1.63%	0.430%
28	12.092	1698	1701	1704	rBV	258765	226069	1.14%	0.300%
29	12.133	1704	1708	1710	rVV2	546886	644109	3.24%	0.855%
30	12.210	1714	1721	1725	rVV5	317441	389861	1.96%	0.517%
31	12.292	1732	1735	1737	rBV	436987	380712	1.91%	0.505%
32	12.622	1779	1791	1792	rBV4	5975843	19883128	100.00%	26.379%
33	12.669	1798	1799	1801	rVB2	502119	277030	1.39%	0.368%
34	12.698	1801	1804	1807	rVB	5379474	6075686	30.56%	8.061%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.739	1807	1811	1814	rBV	1788000	1751495	8.81%	2.324%
36	12.774	1814	1817	1820	rBV2	225736	288123	1.45%	0.382%
37	12.922	1839	1842	1846	rVB2	750664	703908	3.54%	0.934%
38	12.974	1846	1851	1858	rVB	1668232	2247734	11.30%	2.982%
39	13.039	1858	1862	1867	rBV3	184278	296957	1.49%	0.394%
40	13.110	1870	1874	1876	rBV	1496610	1386278	6.97%	1.839%
41	13.286	1899	1904	1908	rBV3	583532	1063139	5.35%	1.410%
42	13.333	1909	1912	1915	rVB	887690	829626	4.17%	1.101%
43	13.369	1915	1918	1920	rVB	314228	305205	1.53%	0.405%
44	13.410	1922	1925	1928	rBV2	1097215	909962	4.58%	1.207%
45	13.521	1942	1944	1949	rVB3	398797	472373	2.38%	0.627%
46	13.845	1994	1999	2002	rVB4	650899	986664	4.96%	1.309%
47	14.080	2036	2039	2043	rBV2	842534	824243	4.15%	1.094%
48	14.163	2049	2053	2057	rBV2	1108589	1710854	8.60%	2.270%
49	14.198	2057	2059	2064	rVB	851068	702110	3.53%	0.931%
50	14.716	2144	2147	2152	rVB	362245	367726	1.85%	0.488%
51	15.257	2236	2239	2246	rBV	383309	717988	3.61%	0.953%
52	15.651	2303	2306	2313	rVB	463850	595217	2.99%	0.790%
53	15.721	2315	2318	2321	rVB	393231	472224	2.37%	0.627%

Sum of corrected areas: 75374214

LSC Report - Integrated Chromatogram

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Data File : BF103886.D
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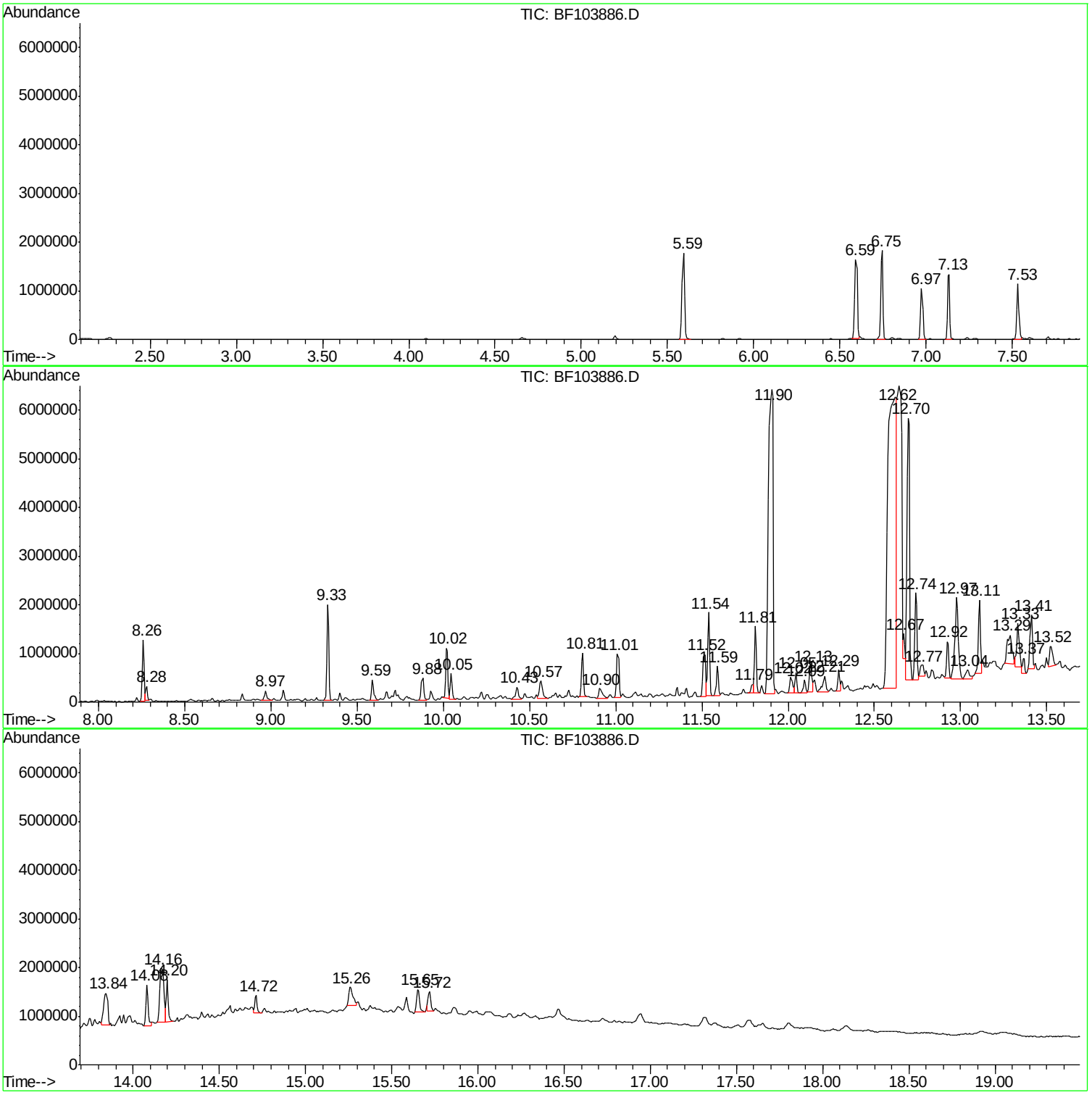
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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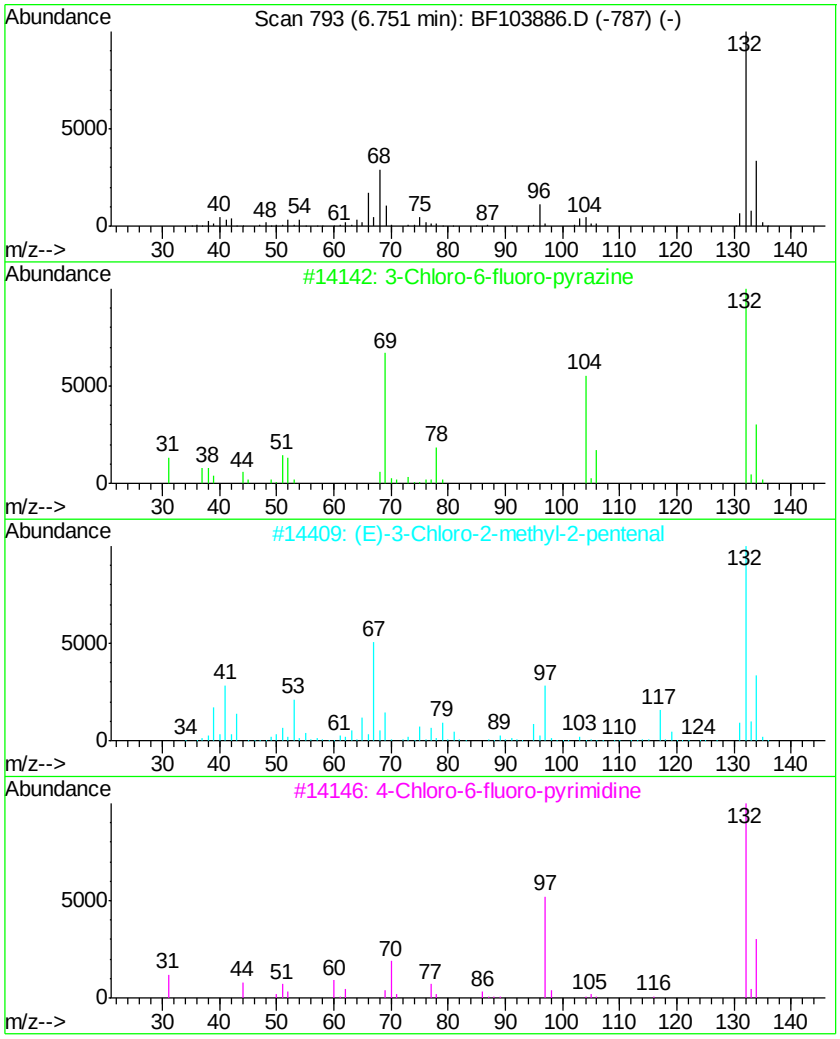
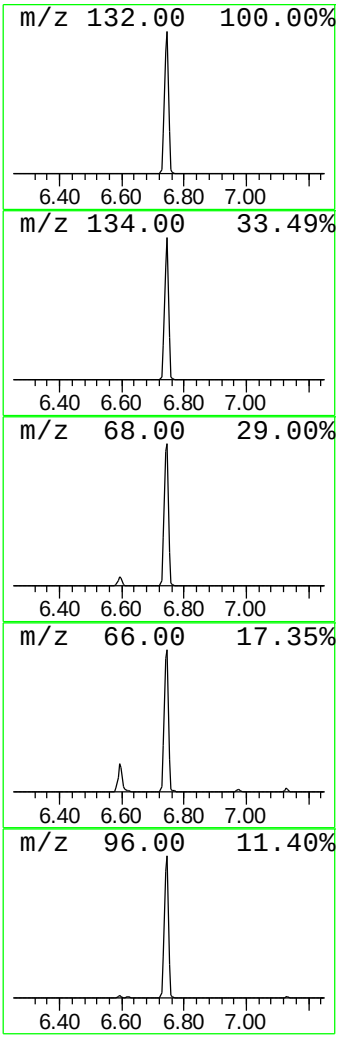
Peak Number 1 unknown6.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	40.06 ng	1630310	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

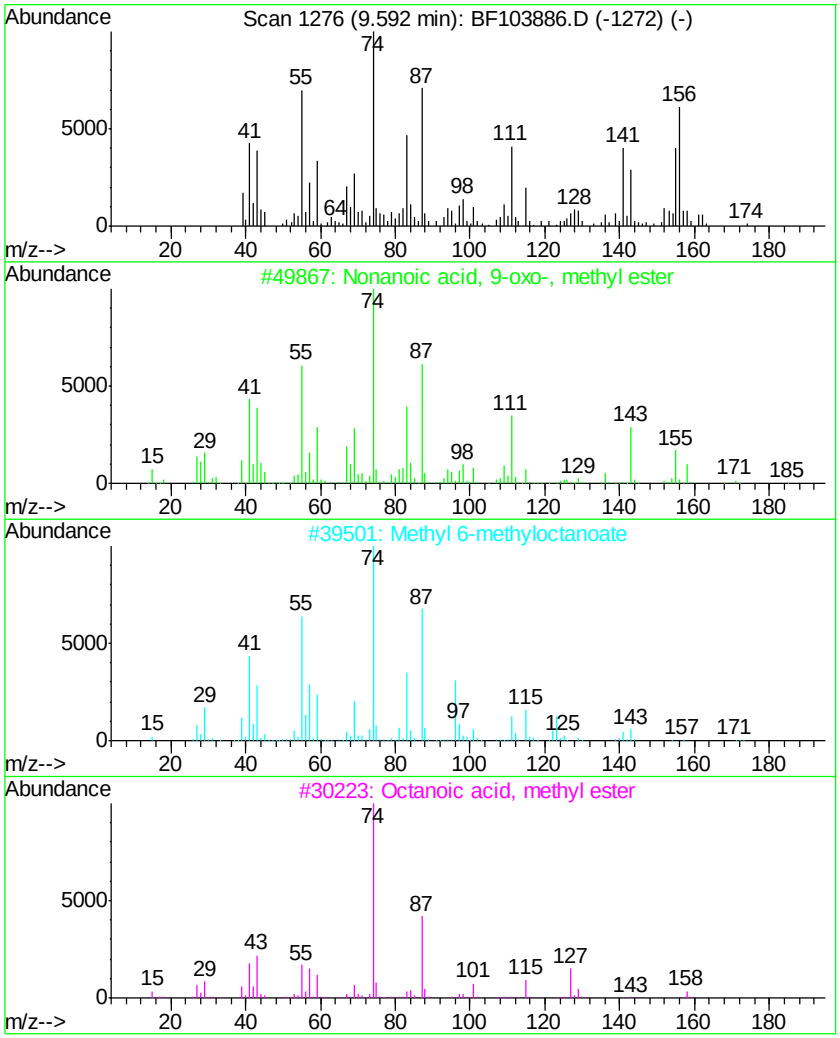
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

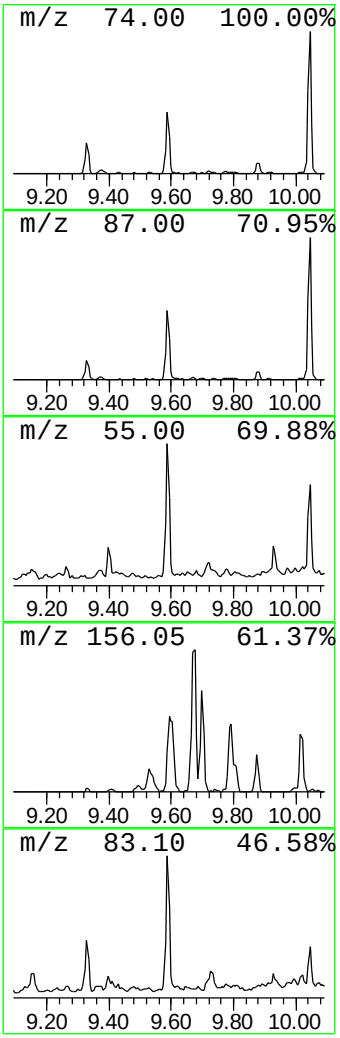
****

Peak Number 3 Nonanoic acid, 9-oxo-, meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	9.06 ng	419344	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	80
2	Methyl 6-methyloctanoate	172	C10H20O2	005129-62-4	43
3	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	38
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	38
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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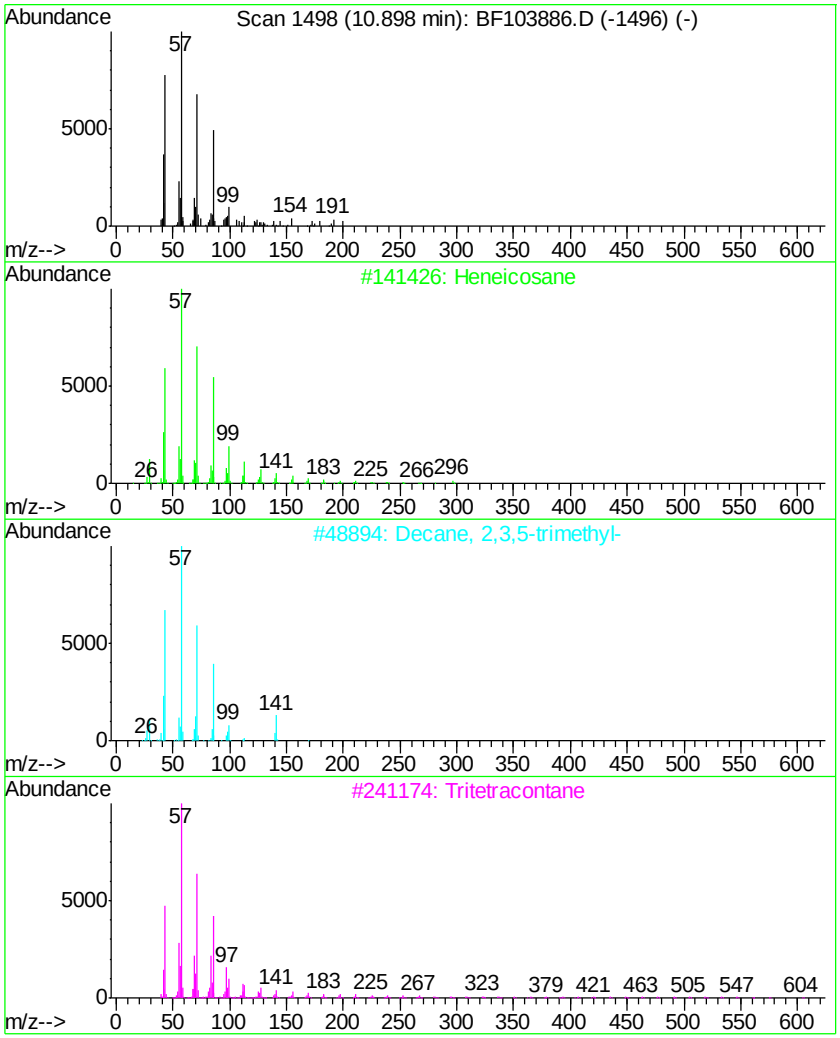
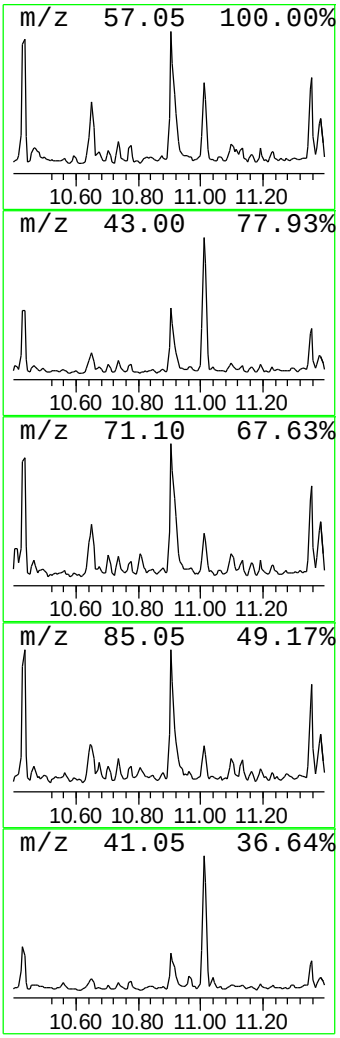
Peak Number 4 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	7.68 ng	310923	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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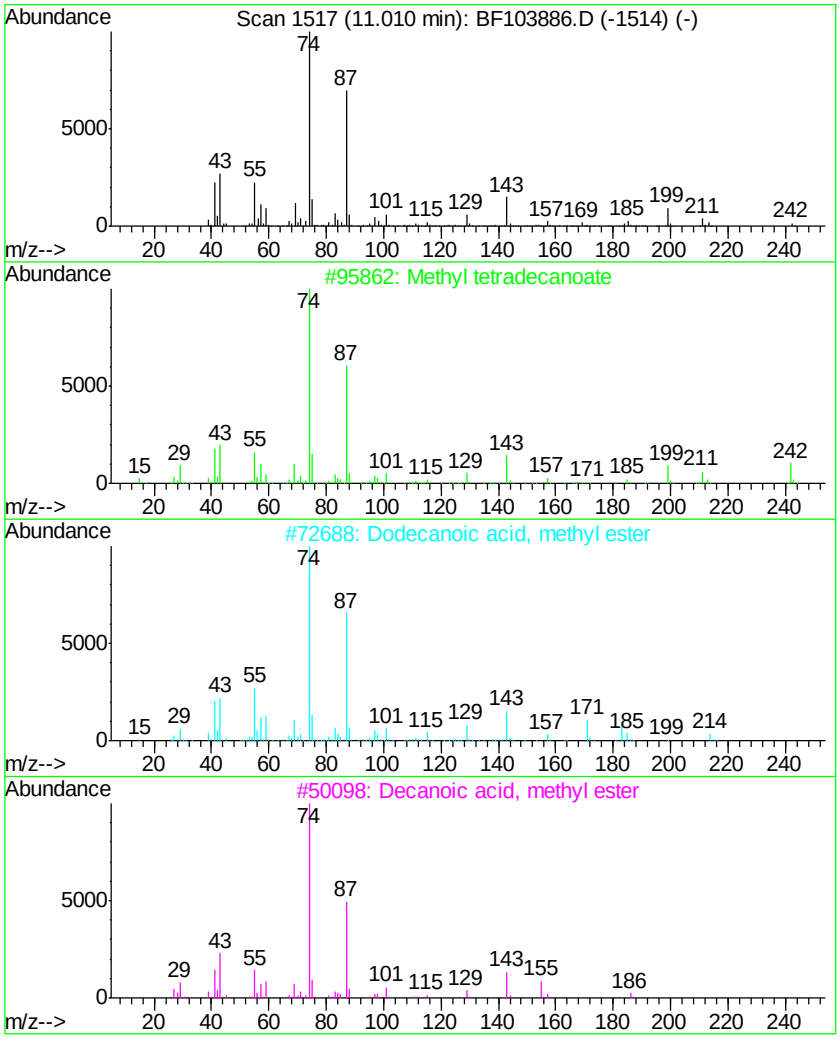
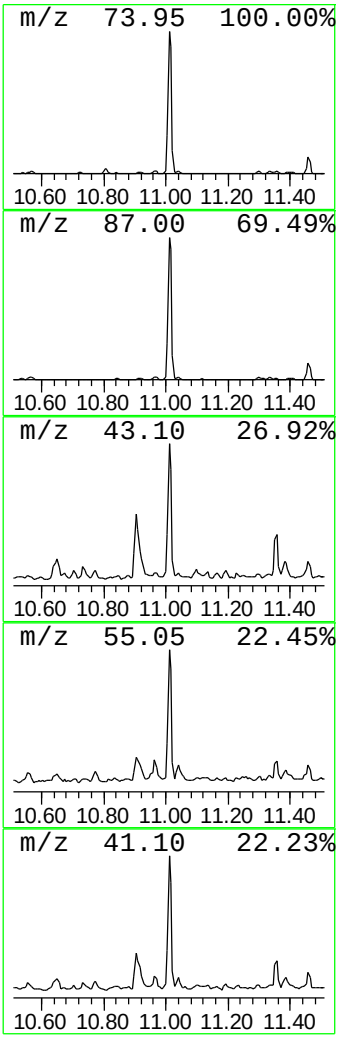
Peak Number 5 Methyl tetradecanoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	18.82 ng	761982	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72





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Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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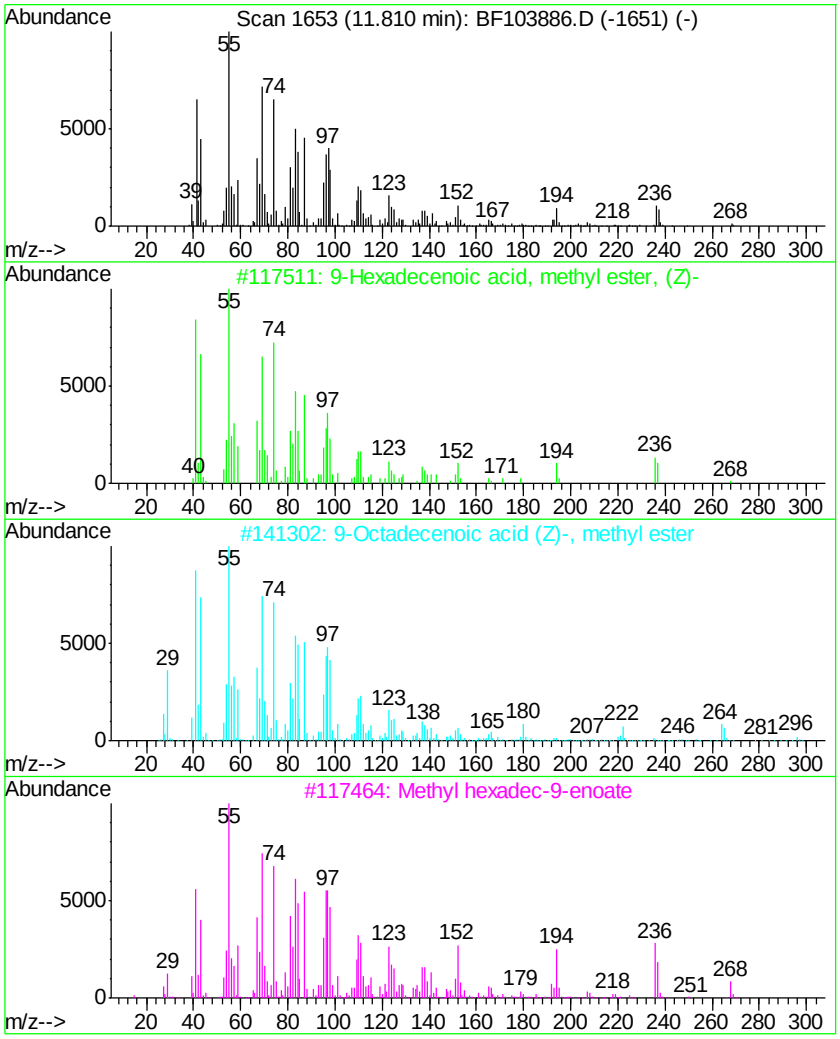
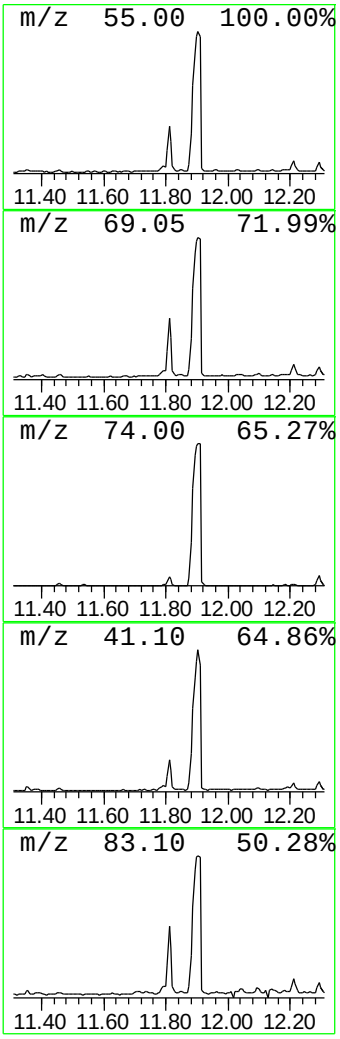
Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	27.00 ng	1093330	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	91
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	90





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Sample : J1998-08 2X
Misc :
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Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

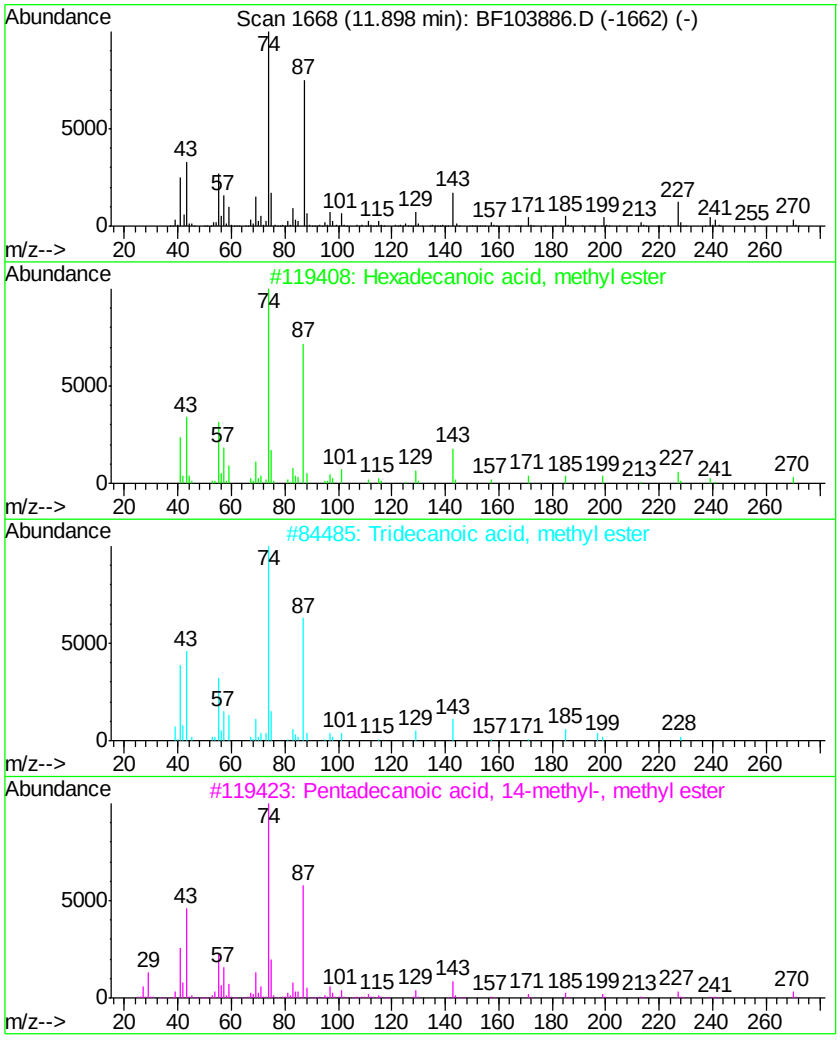
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

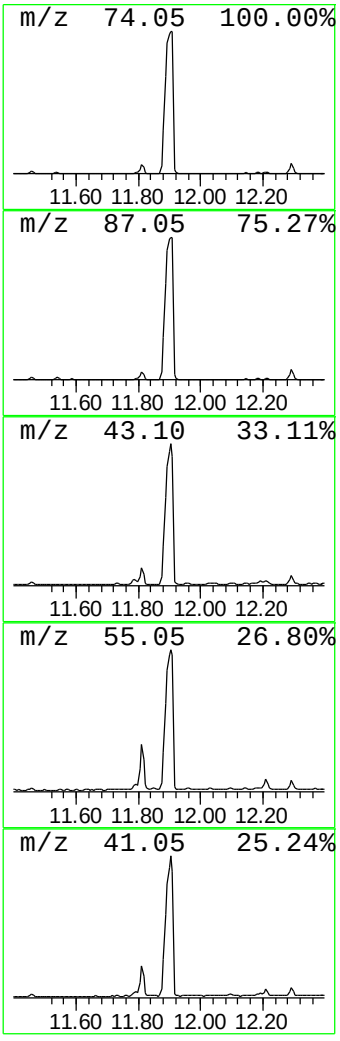
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	263.97 ng	10690000	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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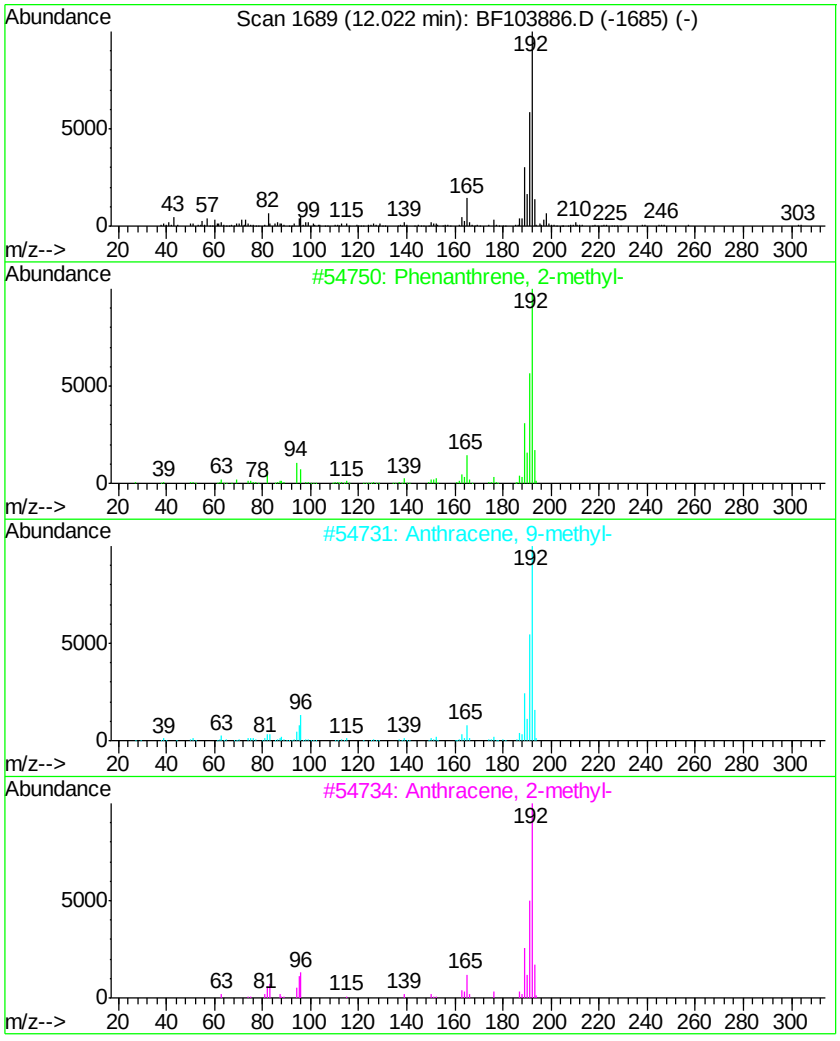
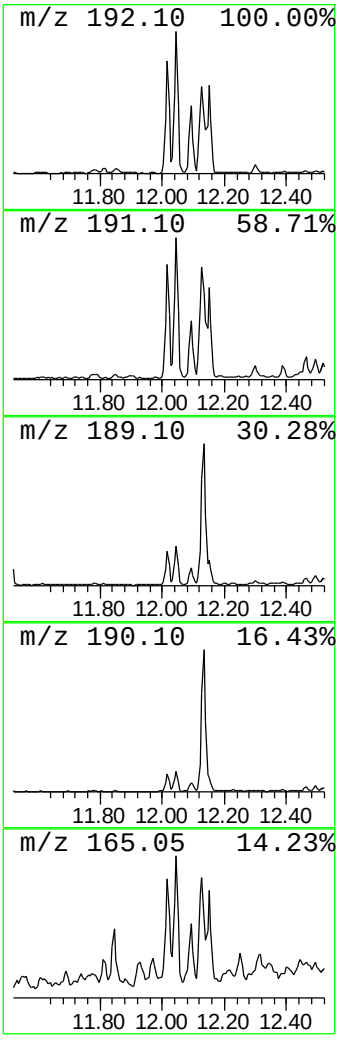
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.07 ng	326849	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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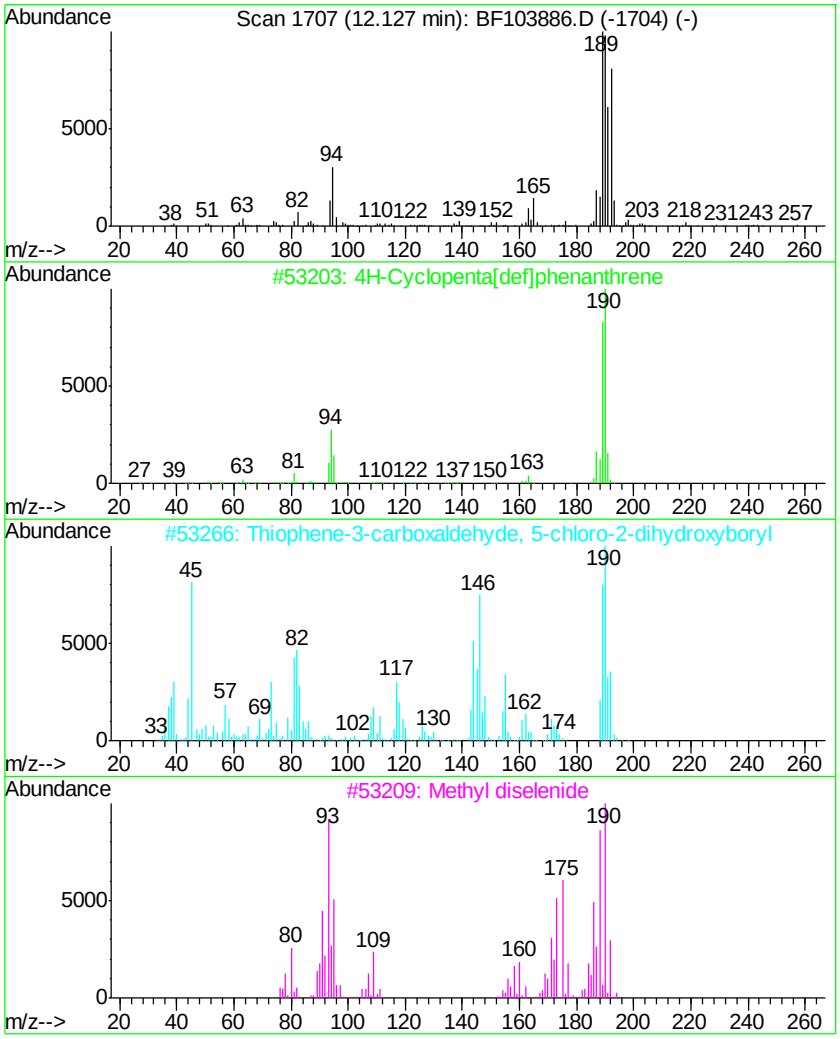
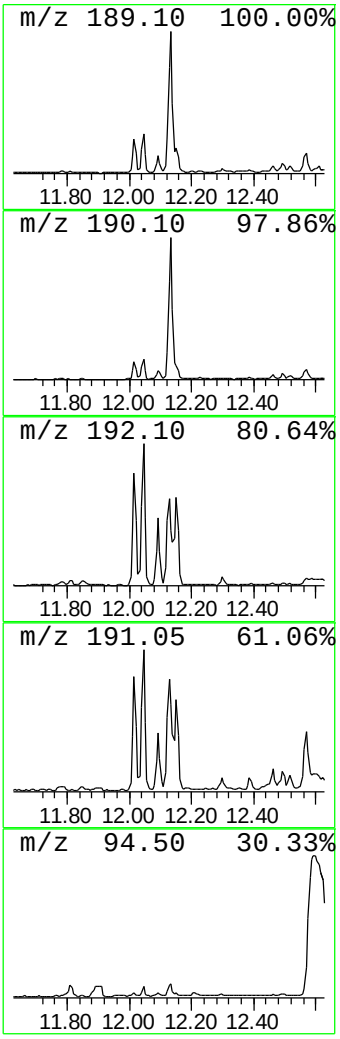
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	15.91 ng	644109	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

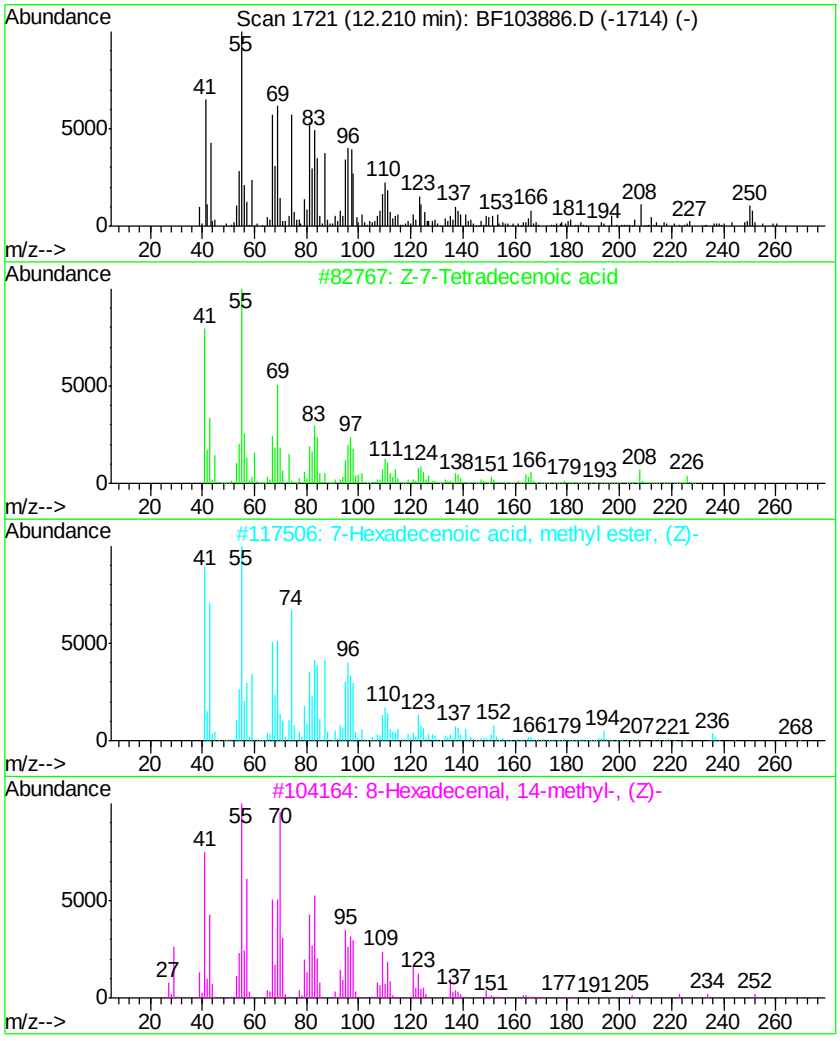
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

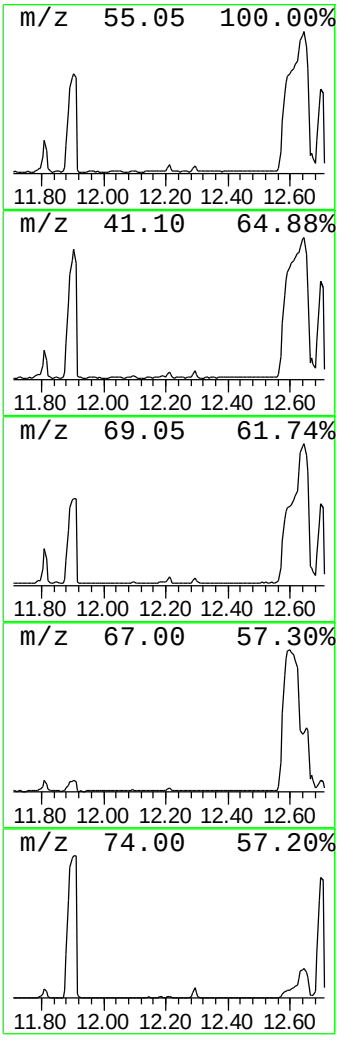
****

Peak Number 11 Z-7-Tetradecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	9.63 ng	389861	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	90
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	87
3	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	60
4	9-Tetradecen-1-ol, (E)-	212	C14H28O	052957-16-1	55
5	Undecylenic acid	184	C11H20O2	000112-38-9	53





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Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

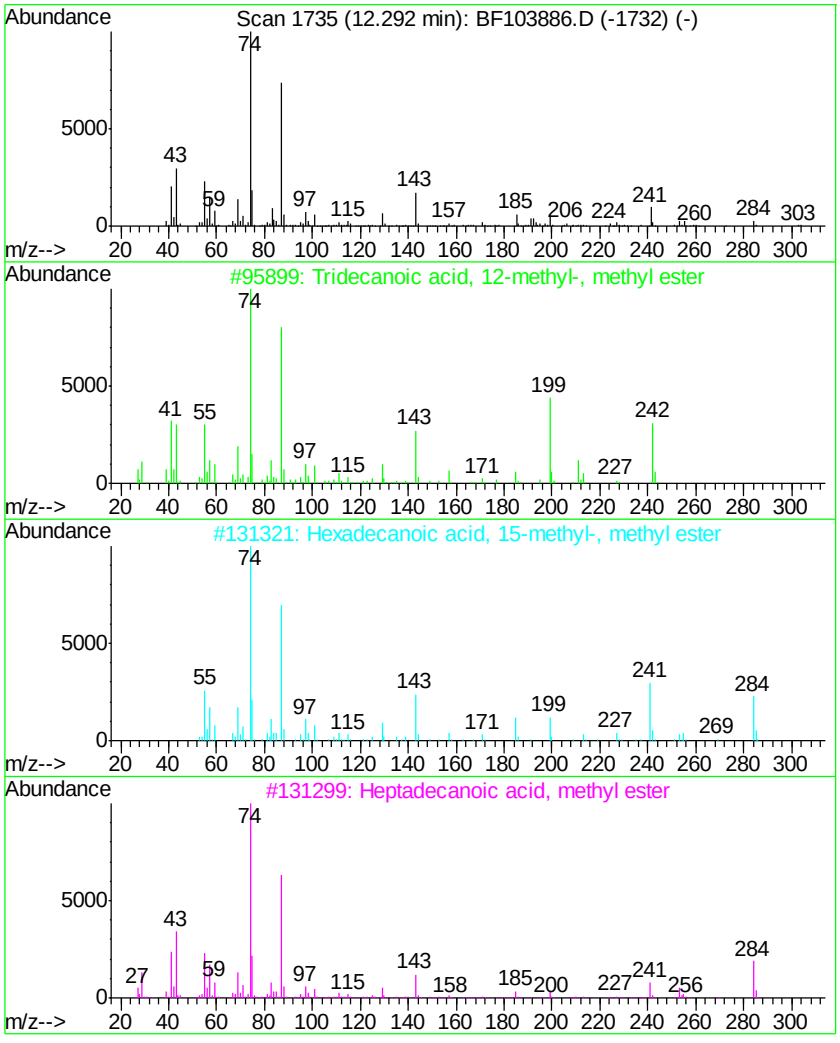
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

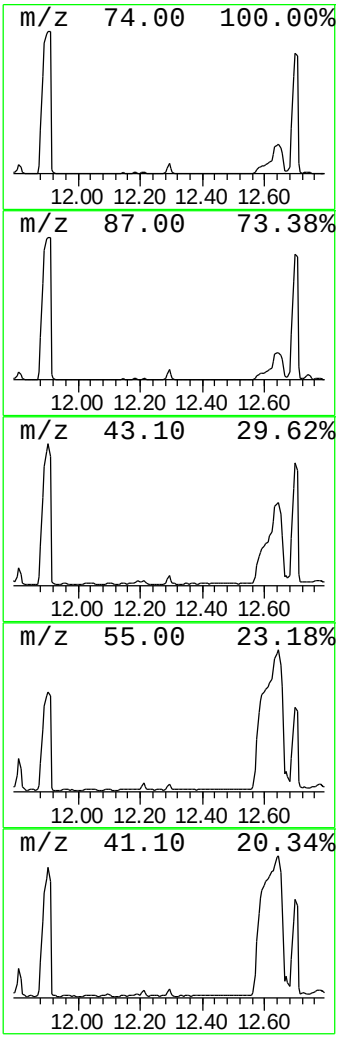
****

Peak Number 12 Tridecanoic acid, 12-methyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.40 ng	380712	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	90
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	89
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	89
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Methyl stearate	298	C19H38O2	000112-61-8	83





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Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

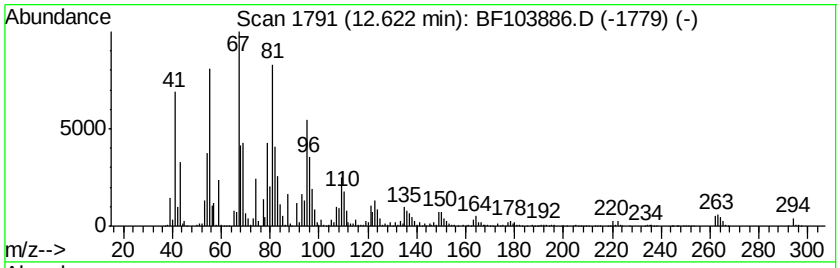
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

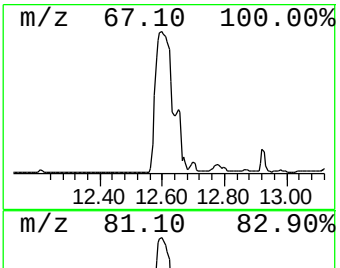
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	490.97 ng	19883100	Phenanthrene-d10	11.52

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, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97





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Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

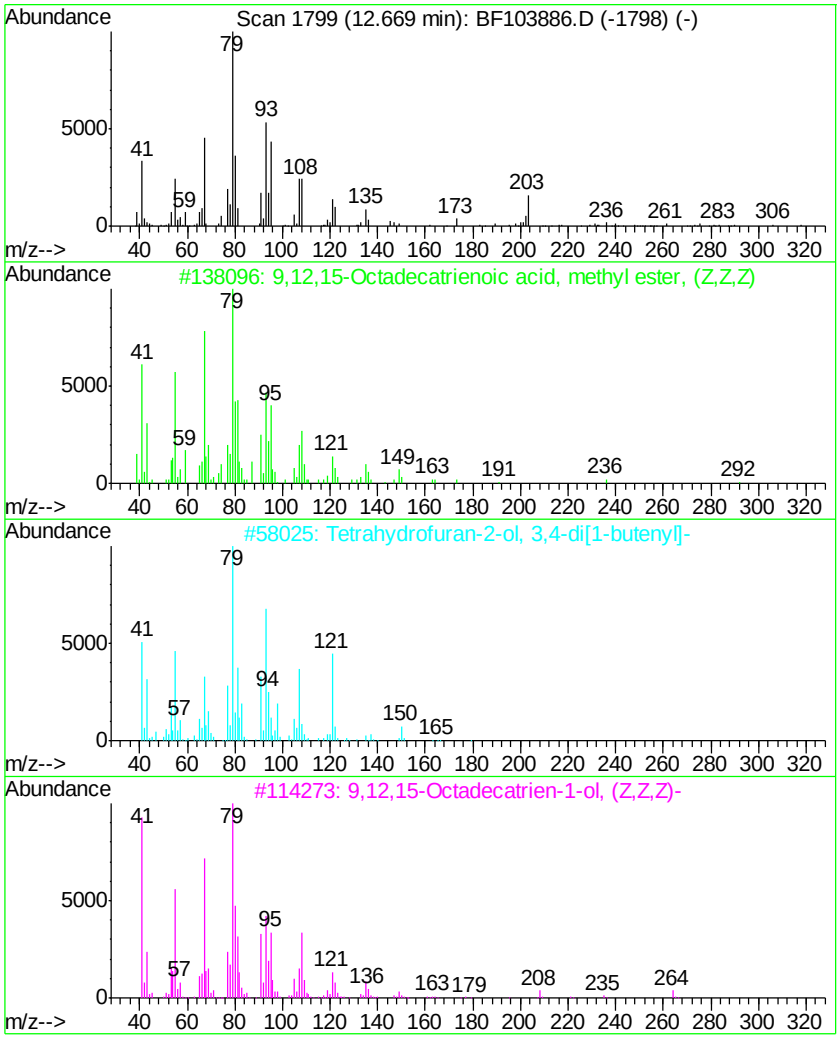
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

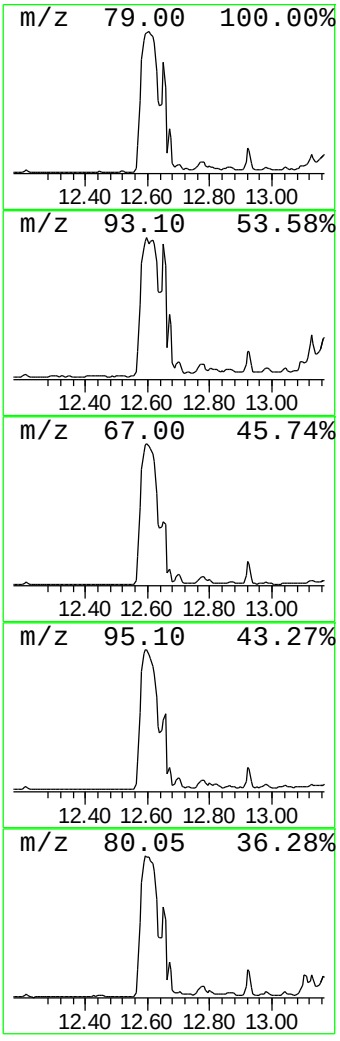
****

Peak Number 14 9,12,15-Octadecatrienoic ac... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	6.84 ng	277030	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	64
2	Tetrahydrofuran-2-ol, 3,4-di[1-b...	196	C12H20O2	1000131-84-0	53
3	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	50
4	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	50
5	Cyclobuta[1,2-b:3,4-b']dithiophe...	236	C8H12O4S2	074421-30-0	43





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Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

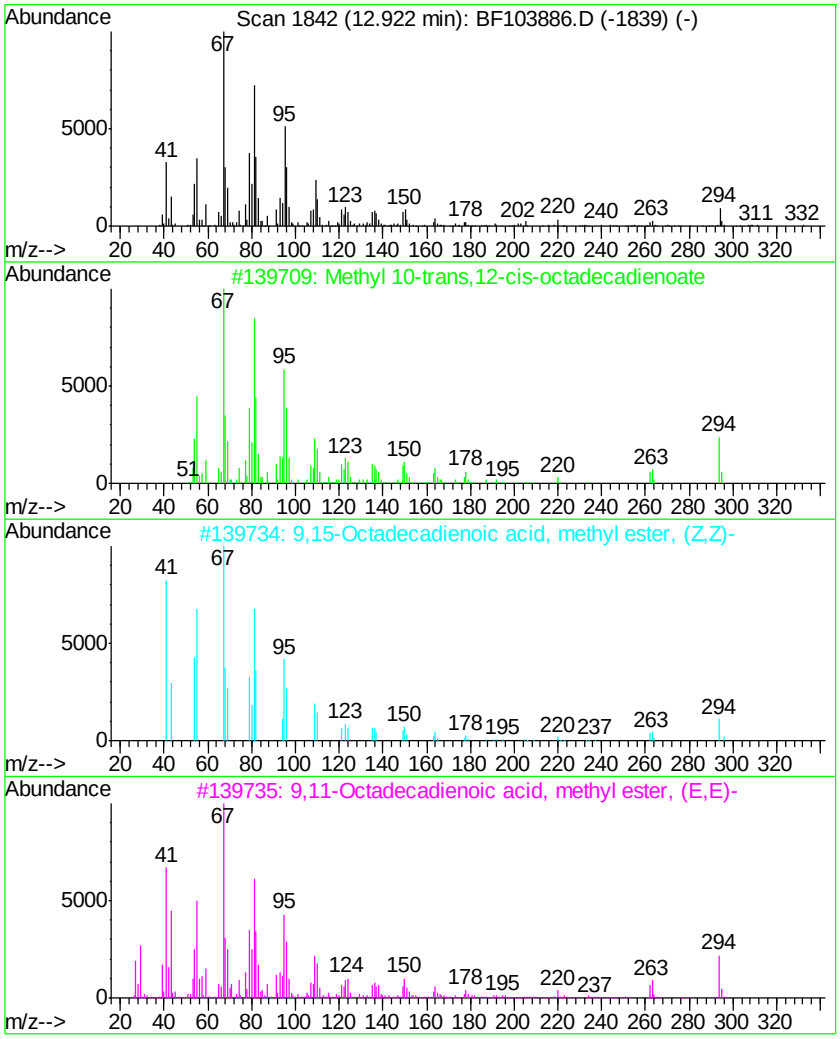
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

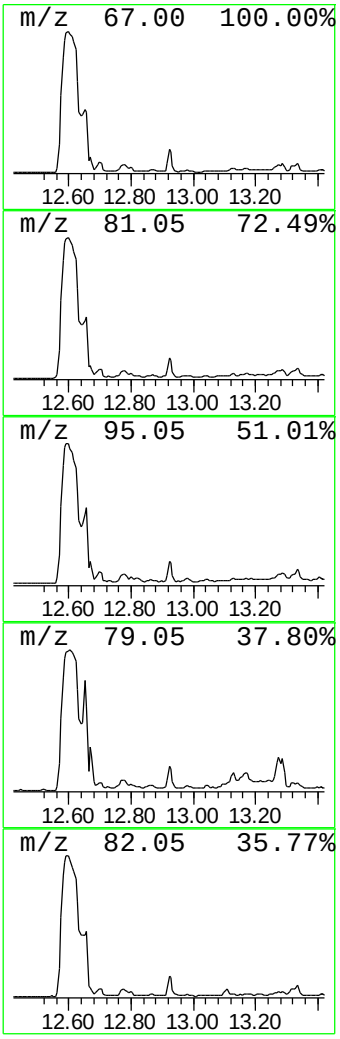
****

Peak Number 15 Methyl 10-trans,12-cis-octa... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	8.23 ng	703908	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	89
5	n-Propyl 9,12-octadecadienoate	322	C21H38O2	1000336-77-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

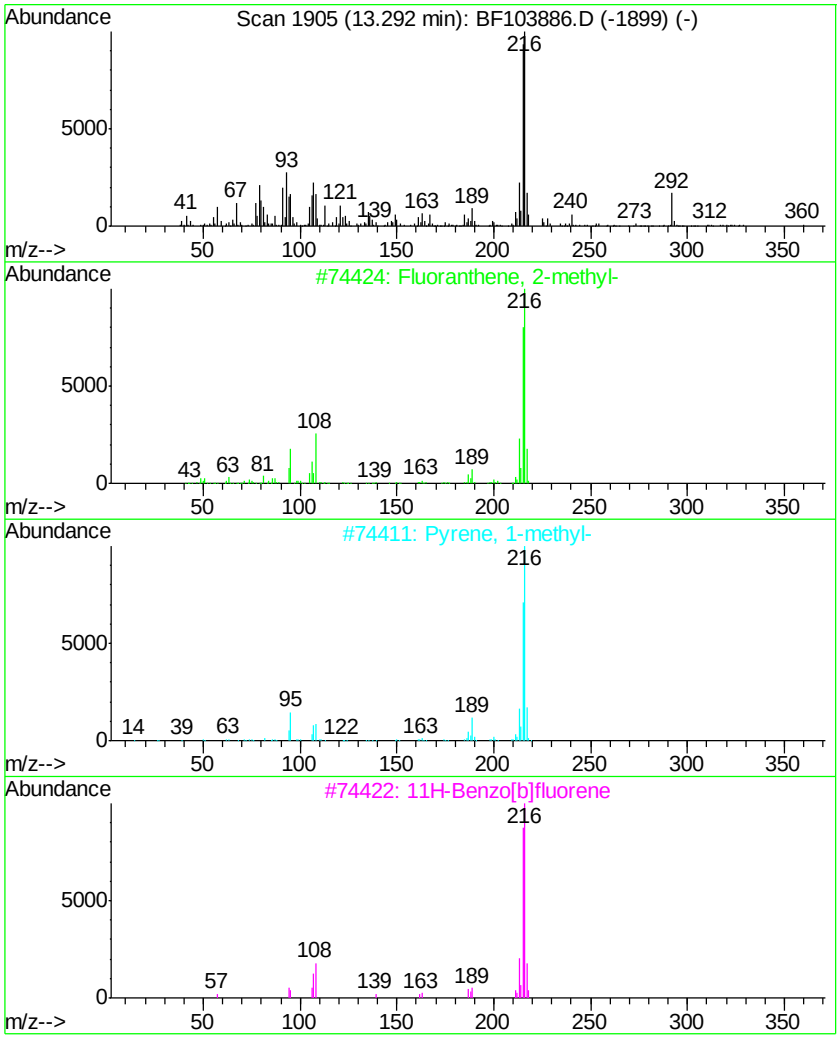
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

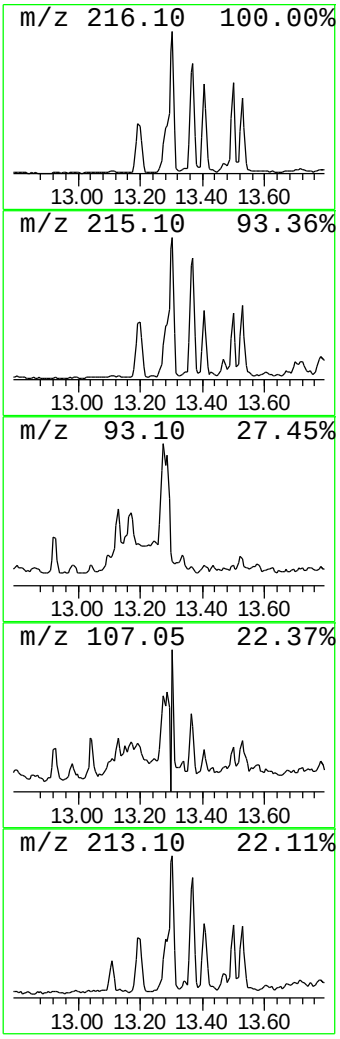
****

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	12.43 ng	1063140	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

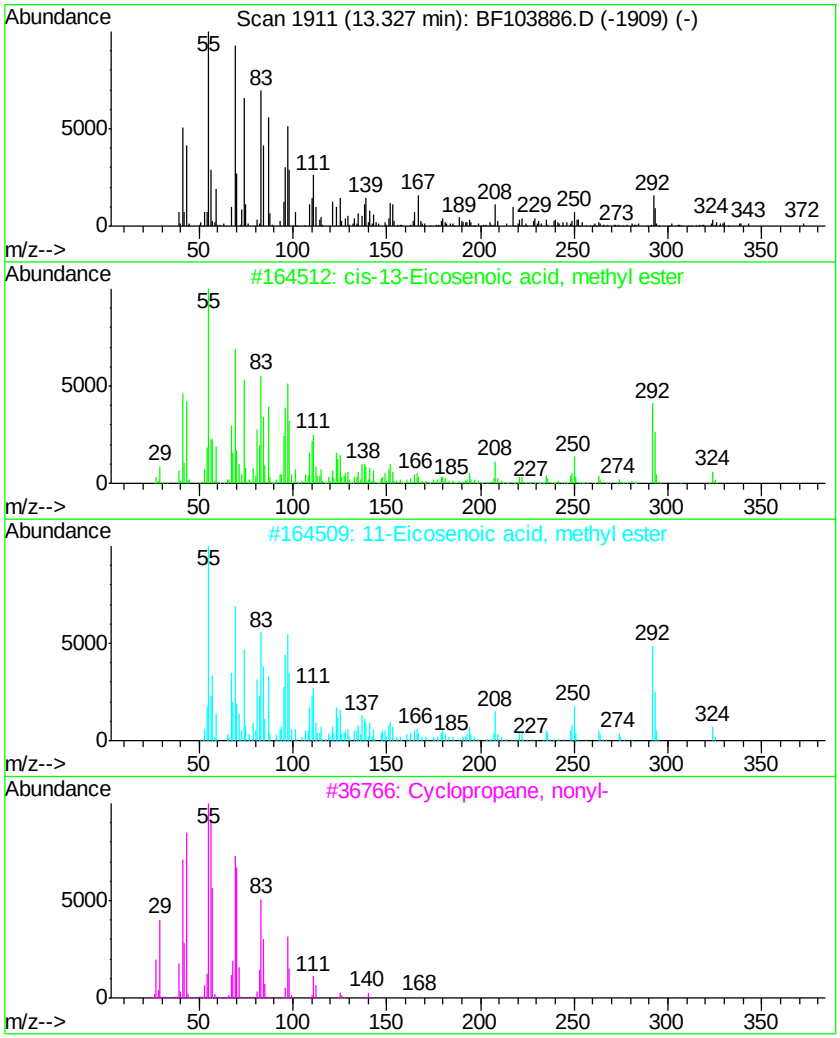
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

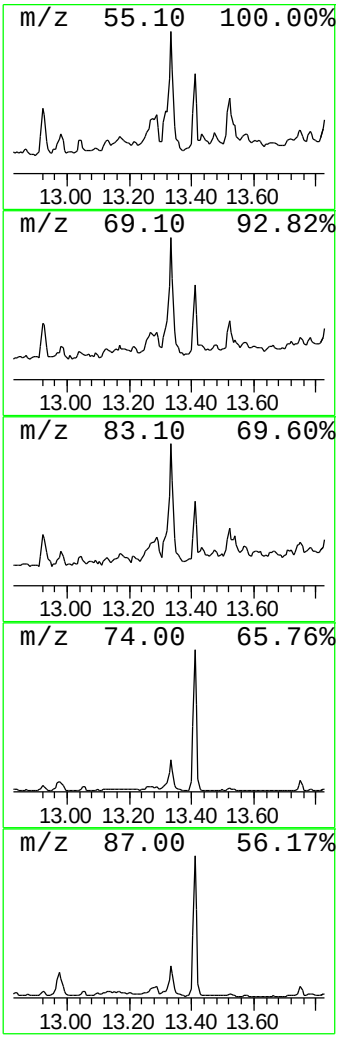
****

Peak Number 17 cis-13-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	9.70 ng	829626	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	96
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
3	Cyclopropane, nonyl-	168	C12H24	074663-85-7	52
4	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	50
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	43





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Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

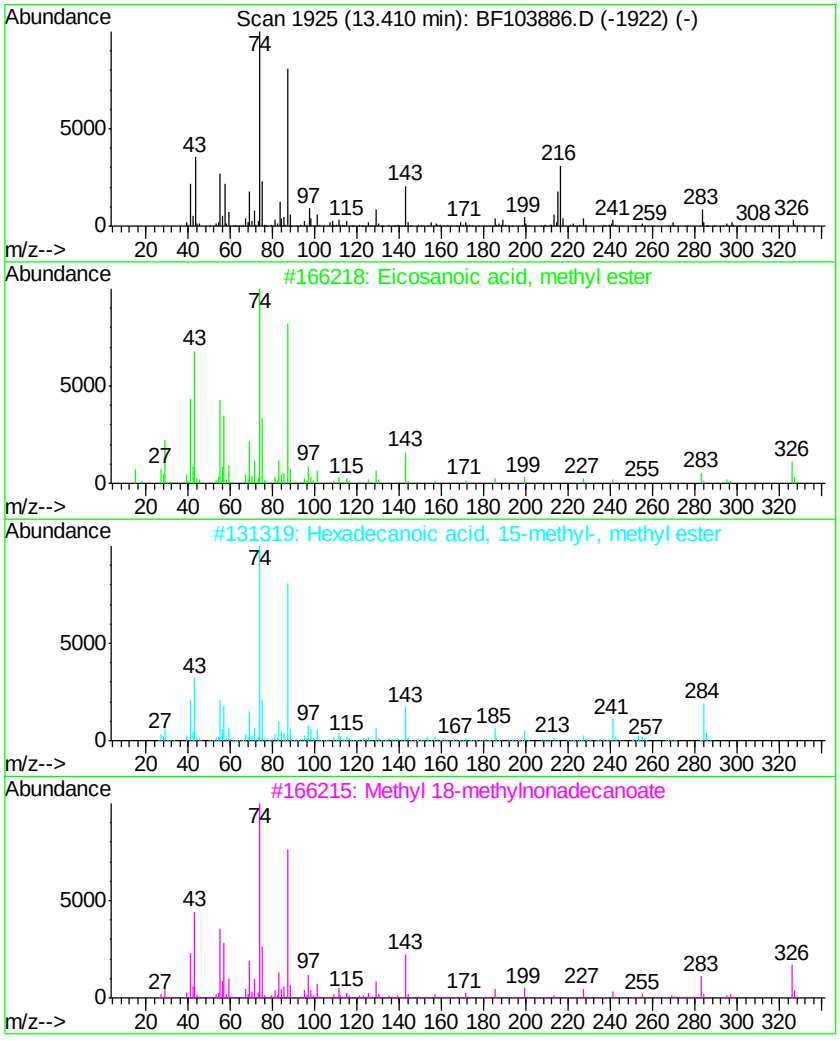
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

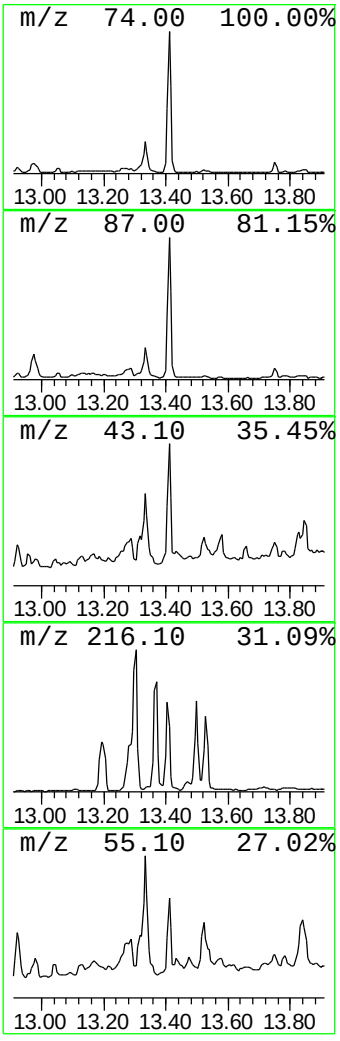
****

Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	10.64 ng	909962	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	81
4	Methyl stearate	298	C19H38O2	000112-61-8	81
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	81





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Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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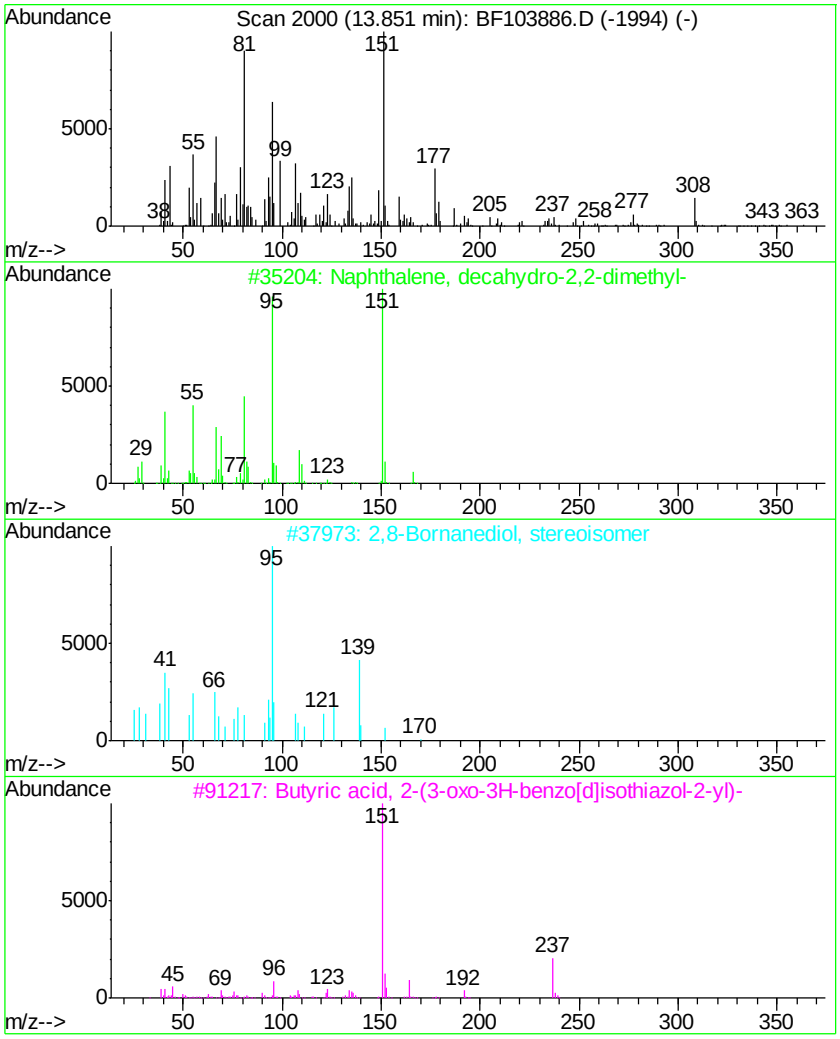
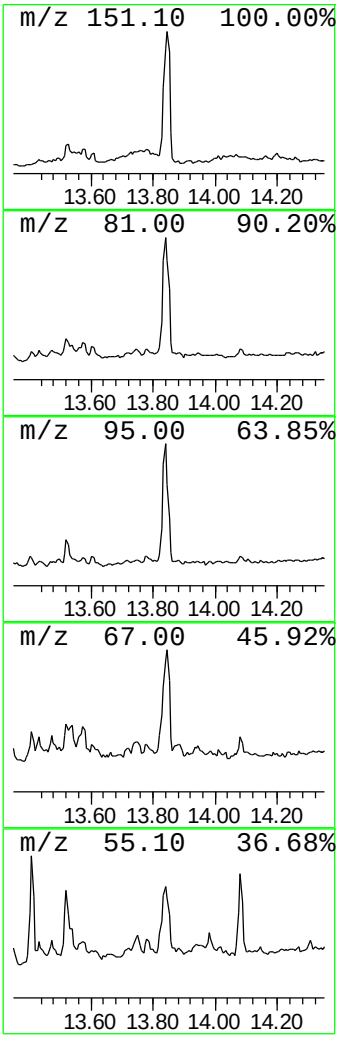
Peak Number 19 unknown13.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	11.53 ng	986664	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	27
2	2,8-Bornanediol, stereoisomer	170	C10H18O2	013429-50-0	27
3	Butyric acid, 2-(3-oxo-3H-benzo[...	237	C11H11NO3S	1000316-00-8	25
4	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1000215-29-1	25
5	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	25





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Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

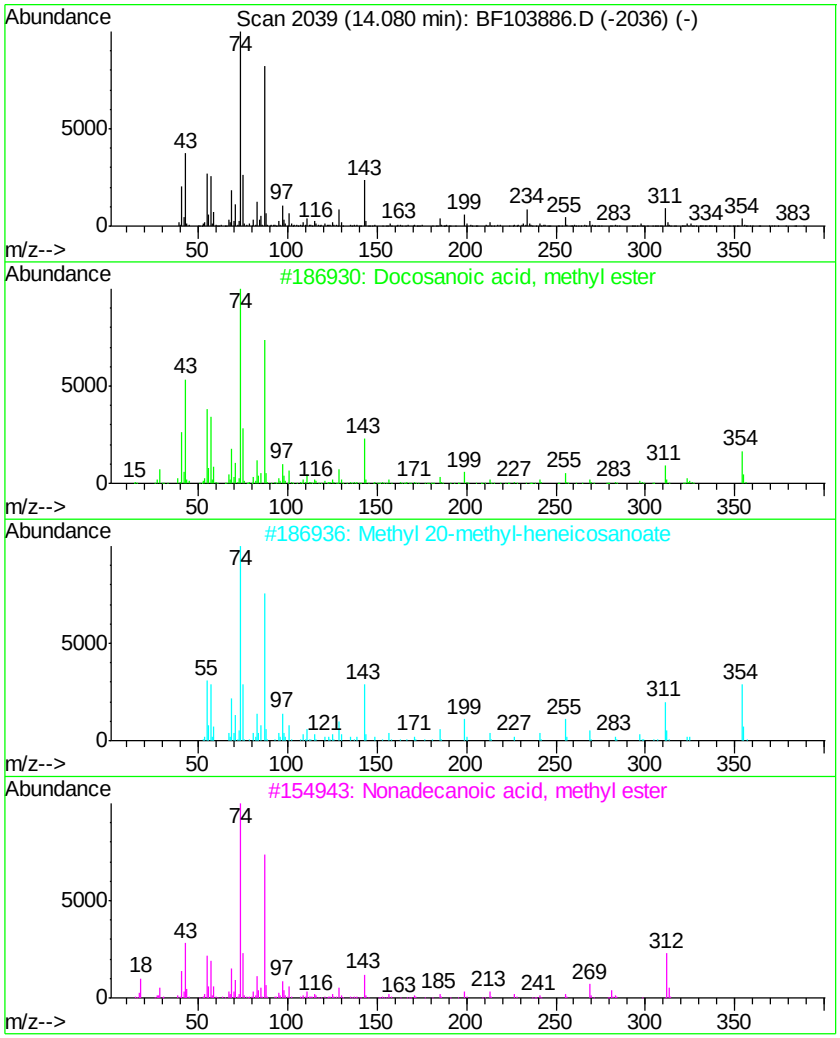
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

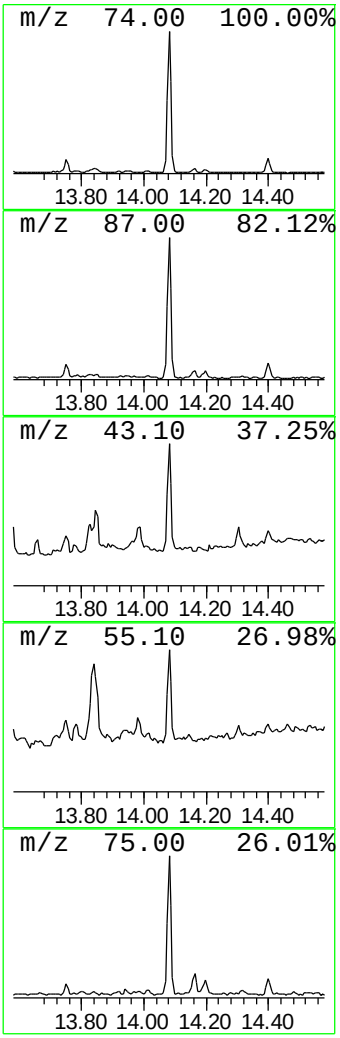
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	9.64 ng	824243	Chrysene-d12	14.17

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	94
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87
5	Methyl stearate	298	C19H38O2	000112-61-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032318\
Data File : BF103886.D
Acq On : 23 Mar 2018 17:53
Operator : JU/SJ
Sample : J1998-08 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
unknown6.75	6.75	40.1	ng	1630310	1	6.97	813926	20.0
Nonanoic acid, 9-...	9.59	9.1	ng	419344	3	10.02	925987	20.0
Heneicosane	10.90	7.7	ng	310923	4	11.52	809947	20.0
Methyl tetradecan...	11.01	18.8	ng	761982	4	11.52	809947	20.0
9-Hexadecenoic ac...	11.81	27.0	ng	1093330	4	11.52	809947	20.0
Hexadecanoic acid...	11.90	264.0	ng	10690000	4	11.52	809947	20.0
Phenanthrene, 2-m...	12.02	8.1	ng	326849	4	11.52	809947	20.0
4H-Cyclopenta[def...	12.13	15.9	ng	644109	4	11.52	809947	20.0
Z-7-Tetradecenoic...	12.21	9.6	ng	389861	4	11.52	809947	20.0
Tridecanoic acid,...	12.29	9.4	ng	380712	4	11.52	809947	20.0
10,13-Octadecadie...	12.62	491.0	ng	19883100	4	11.52	809947	20.0
9,12,15-Octadecat...	12.67	6.8	ng	277030	4	11.52	809947	20.0
Methyl 10-trans,1...	12.92	8.2	ng	703908	5	14.17	1710850	20.0
Fluoranthene, 2-m...	13.29	12.4	ng	1063140	5	14.17	1710850	20.0
cis-13-Eicosenoic...	13.33	9.7	ng	829626	5	14.17	1710850	20.0
Eicosanoic acid, ...	13.41	10.6	ng	909962	5	14.17	1710850	20.0
unknown13.85	13.85	11.5	ng	986664	5	14.17	1710850	20.0
Docosanoic acid, ...	14.08	9.6	ng	824243	5	14.17	1710850	20.0