LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-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-BF040618.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	5.410	560	565	568	rBV	2606007	2775940	18.39%	4.221%
2	6.051	671	674	681	rVB	120326	156230	1.04%	0.238%
3	6.434	733	739	742	rBV	2617853	2781401	18.43%	4.229%
4	6.569	757	762	766	rBV	2839566	2846226	18.86%	4.328%
5	6.804	798	802	805	rBV	997195	787476	5.22%	1.197%
6	6.957	824	828	832	rBV	2394229	2212120	14.66%	3.364%
7	7.369	893	898	901	rVB	1919463	1734711	11.49%	2.638%
8	8.086	1017	1020	1023	rVV	1374818	1145833	7.59%	1.742%
9	8.375	1065	1069	1074	rVV5	105012	156535	1.04%	0.238%
10	8.586	1102	1105	1108	rBV2	192266	180137	1.19%	0.274%
11	8.675	1117	1120	1124	rBV	465882	389988	2.58%	0.593%
12	9.039	1178	1182	1186	rVB4	103777	164555	1.09%	0.250%
13	9.163	1199	1203	1206	rVV	3522246	3050942	20.22%	4.639%
14	9.239	1212	1216	1219	rBV	589136	554862	3.68%	0.844%
15	9.428	1241	1248	1253	rVB7	90374	161023	1.07%	0.245%
16	9.557	1266	1270	1273	rVV2	541828	582934	3.86%	0.886%
17	9.586	1273	1275	1278	rVV2	168433	161474	1.07%	0.246%
18	9.775	1304	1307	1311	rVB	736072	607426	4.03%	0.924%
19	9.839	1315	1318	1322	rVB2	1267225	1120906	7.43%	1.704%
20	10.004	1342	1346	1349	rBV2	96799	165238	1.09%	0.251%
21	10.092	1358	1361	1365	rBV3	153889	186496	1.24%	0.284%
22	10.275	1389	1392	1394	rVB	826242	619270	4.10%	0.942%
23	10.492	1424	1429	1435	rBV	255755	368576	2.44%	0.560%
24	10.628	1447	1452	1456	rBV	1758717	1776147	11.77%	2.701%
25	10.745	1469	1472	1481	rVB	828065	866560	5.74%	1.318%
26	11.192	1545	1548	1551	rBV	577251	528734	3.50%	0.804%
27	11.222	1551	1553	1559	rVB	208263	254105	1.68%	0.386%
28	11.327	1568	1571	1574	rBV	1159630	970694	6.43%	1.476%
29	11.622	1618	1621	1624	rBV	487986	410079	2.72%	0.624%
30	11.733	1635	1640	1643	rVB	5515949	6520373	43.21%	9.915%
31	11.869	1658	1663	1670	rBV	548709	676773	4.48%	1.029%
32	12.027	1686	1690	1698	rVB2	364183	490081	3.25%	0.745%
33	12.445	1752	1761	1762	rBV3	5869272	15091102	100.00%	22.947%
34	12.527	1771	1775	1778	rVV	3536313	3129872	20.74%	4.759%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.563	1778	1781	1783	rVV	892396	1085434	7.19%	1.651%
36	12.580	1783	1784	1791	rVV	1048919	1186628	7.86%	1.804%
37	12.651	1794	1796	1802	rVB2	236183	232608	1.54%	0.354%
38	12.757	1811	1814	1818	rVB2	631120	564392	3.74%	0.858%
39	12.792	1818	1820	1823	rBV	187944	156390	1.04%	0.238%
40	12.927	1838	1843	1846	rBV	2267104	2158879	14.31%	3.283%
41	13.080	1866	1869	1871	rBV	1014766	836329	5.54%	1.272%
42	13.098	1871	1872	1875	rVV2	340183	343740	2.28%	0.523%
43	13.151	1879	1881	1882	rVV	428083	347620	2.30%	0.529%
44	13.169	1882	1884	1891	rVB	545010	501530	3.32%	0.763%
45	13.245	1892	1897	1899	rBV	521766	519384	3.44%	0.790%
46	13.269	1899	1901	1905	rVB3	352942	335852	2.23%	0.511%
47	13.310	1905	1908	1910	rBV	320488	278575	1.85%	0.424%
48	13.451	1929	1932	1936	rVV3	168044	187912	1.25%	0.286%
49	13.810	1990	1993	1998	rBV2	394956	412933	2.74%	0.628%
50	13.916	2008	2011	2016	rVB	311325	275896	1.83%	0.420%
51	13.968	2016	2020	2023	rBV	799415	756638	5.01%	1.151%
52	14.433	2095	2099	2102	rBV2	383171	531905	3.52%	0.809%
53	14.874	2170	2174	2180	rBV	343537	488517	3.24%	0.743%
54	15.433	2265	2269	2273	rBV	629427	736858	4.88%	1.120%
55	15.951	2353	2357	2367	rVB2	114424	200832	1.33%	0.305%

Sum of corrected areas: 65763671

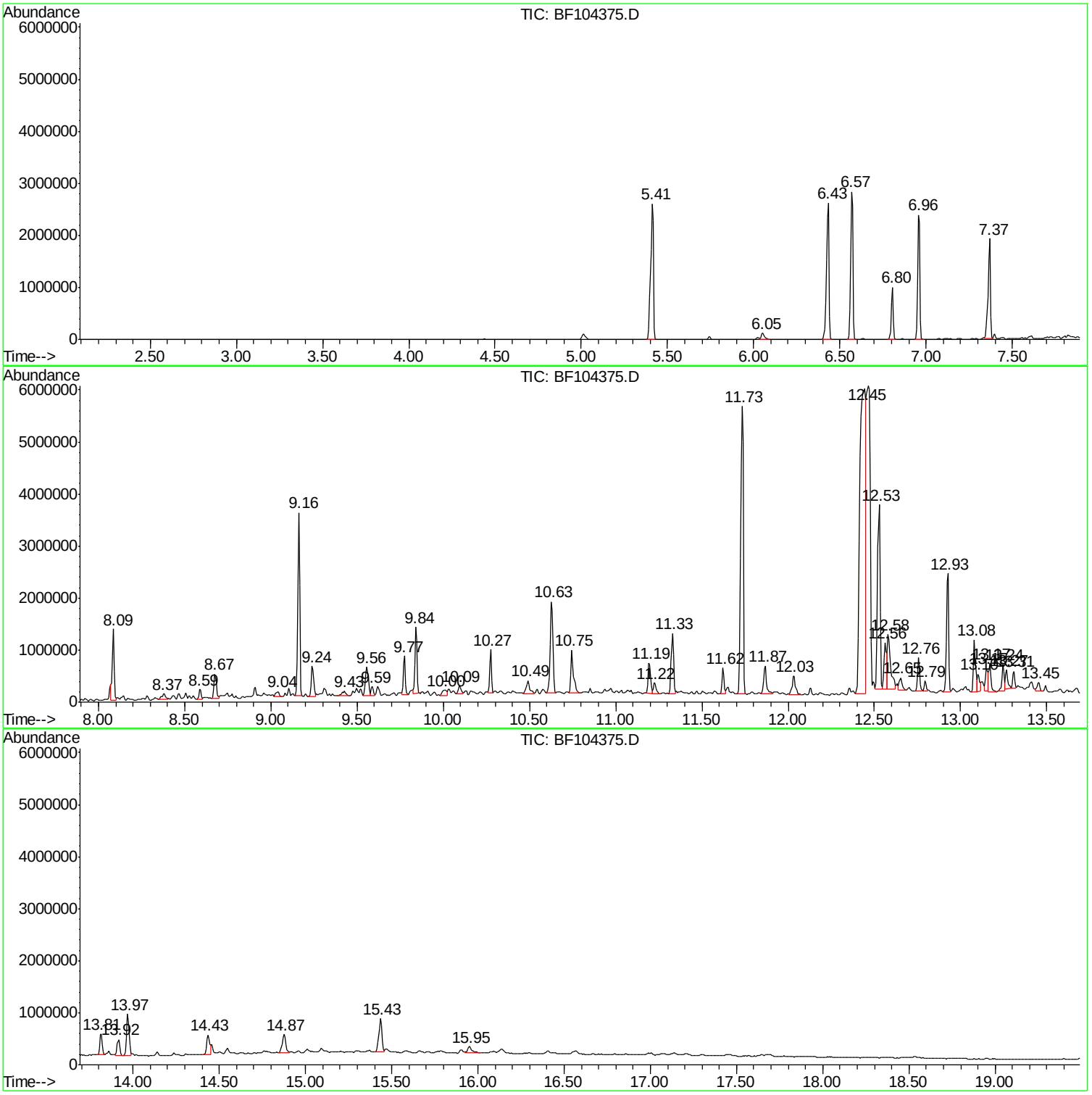
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

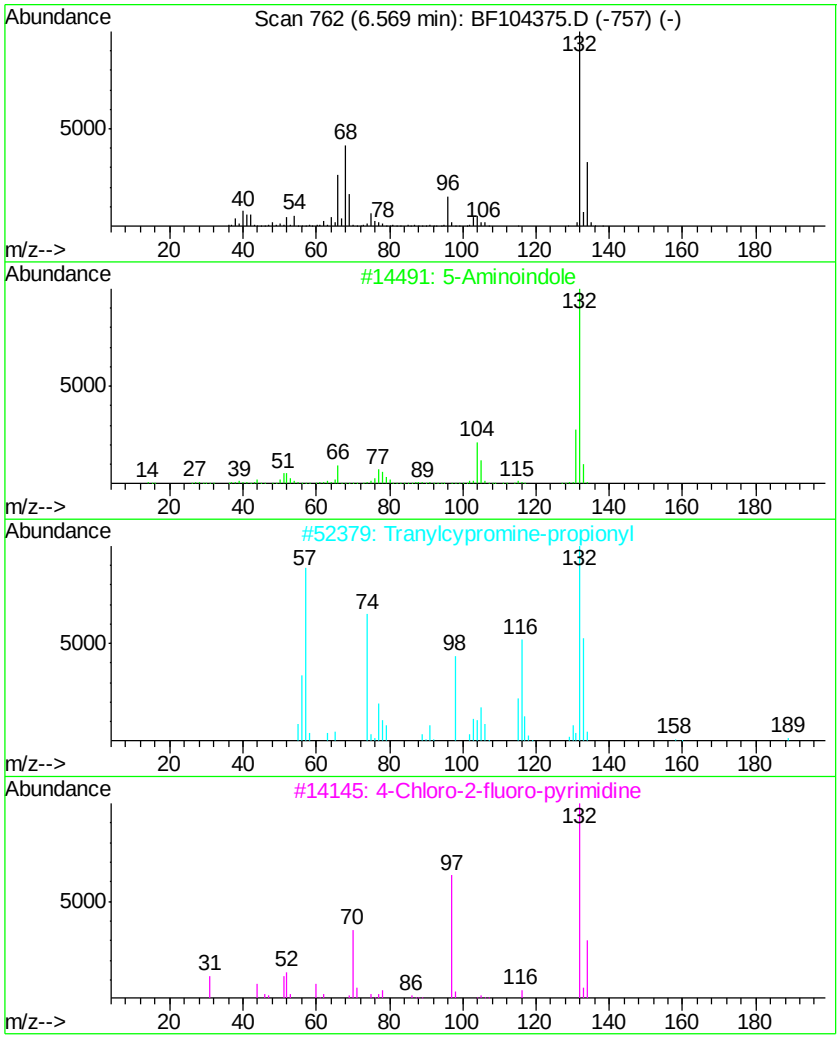
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

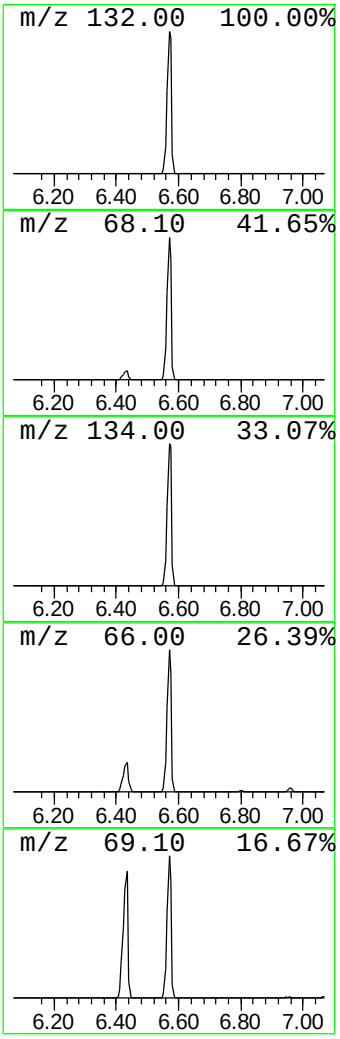
****

Peak Number 1 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	72.29 ng	2846230	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

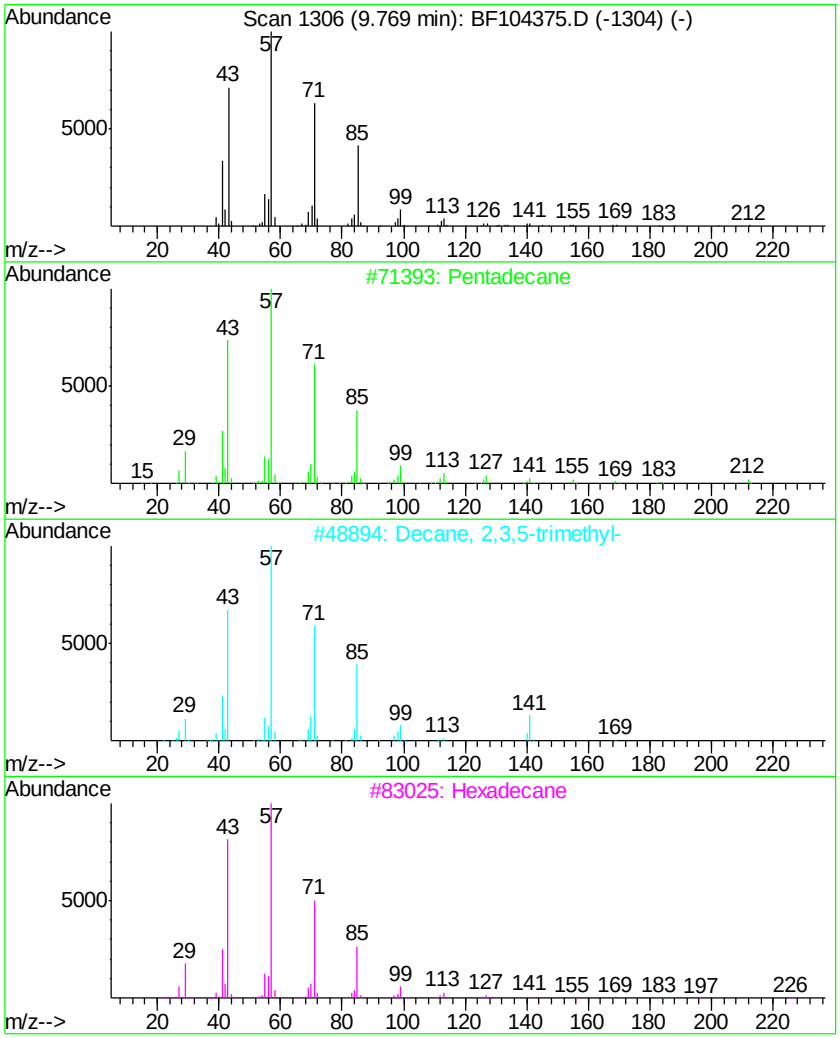
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

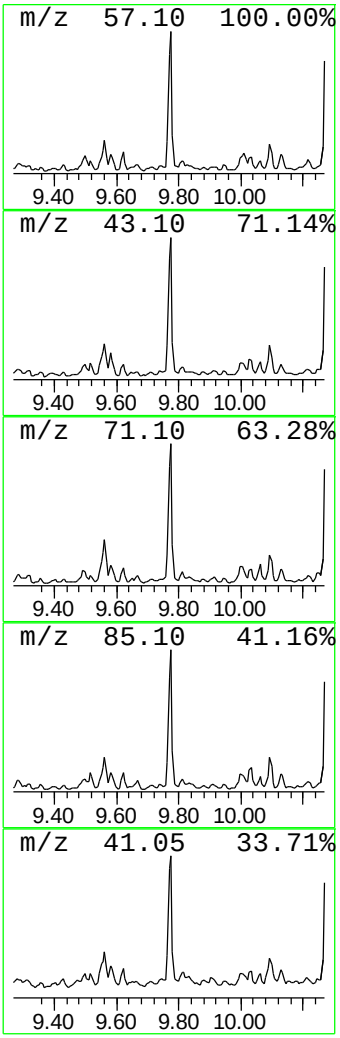
****

Peak Number 3 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	10.84 ng	607426	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

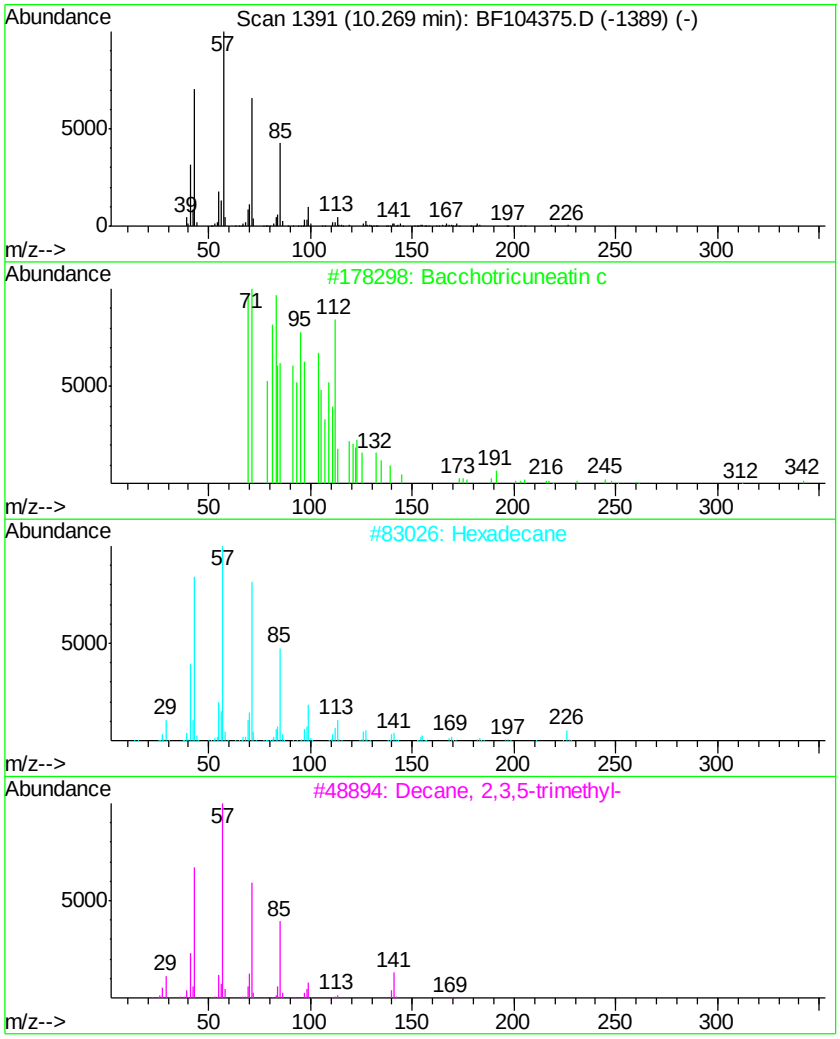
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

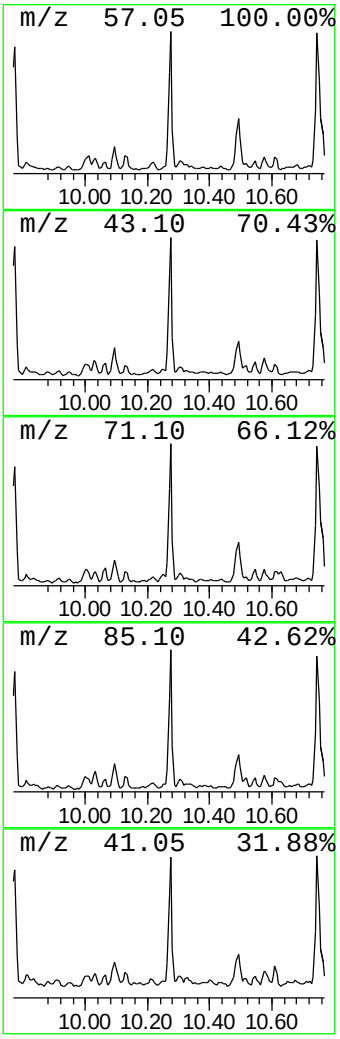
****

Peak Number 4 Bacchotricuneatin c Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	11.05 ng	619270	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

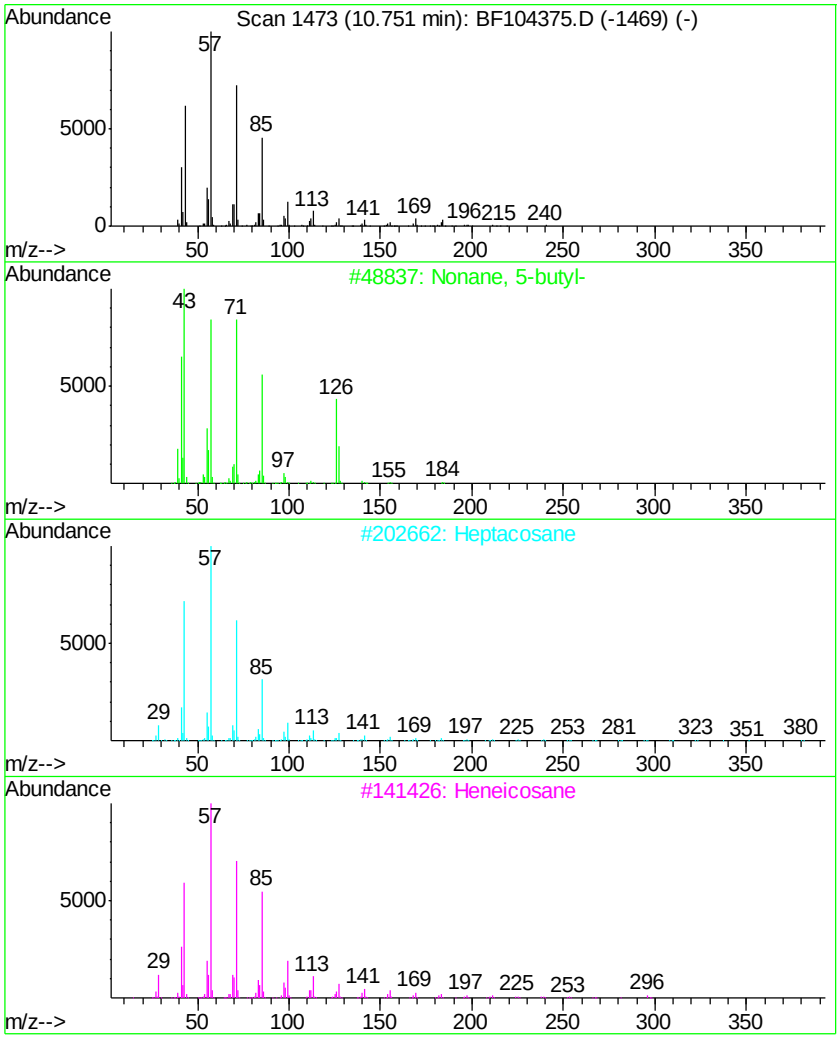
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

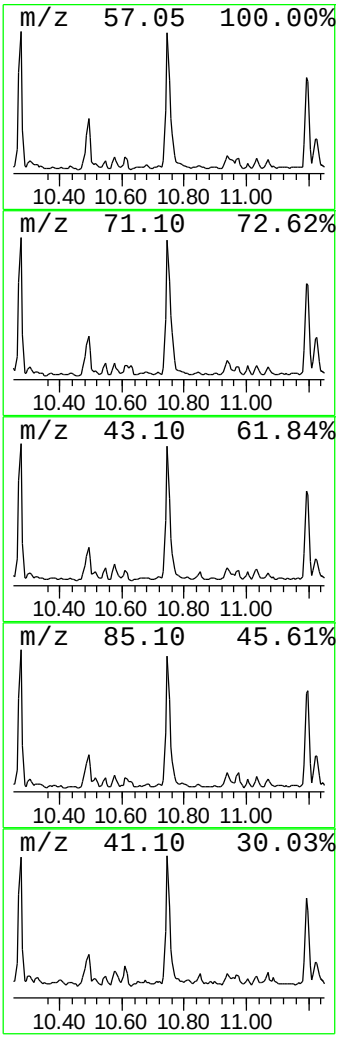
****

Peak Number 5 Nonane, 5-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	17.85 ng	866560	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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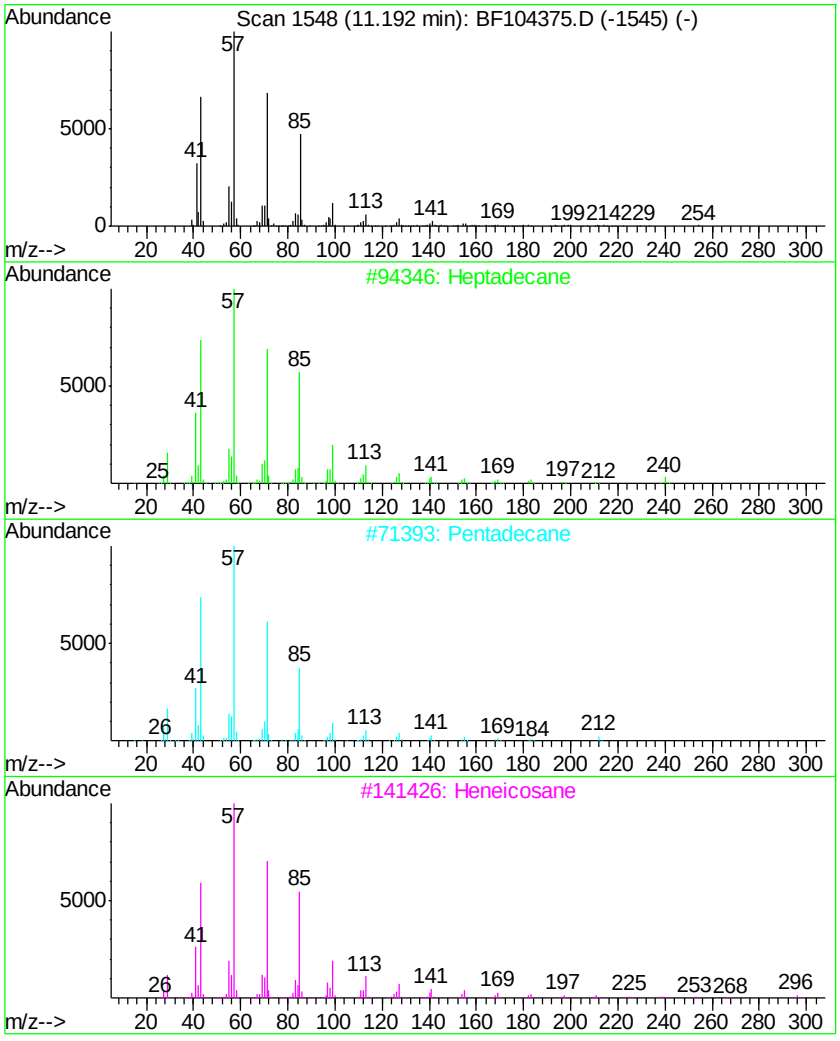
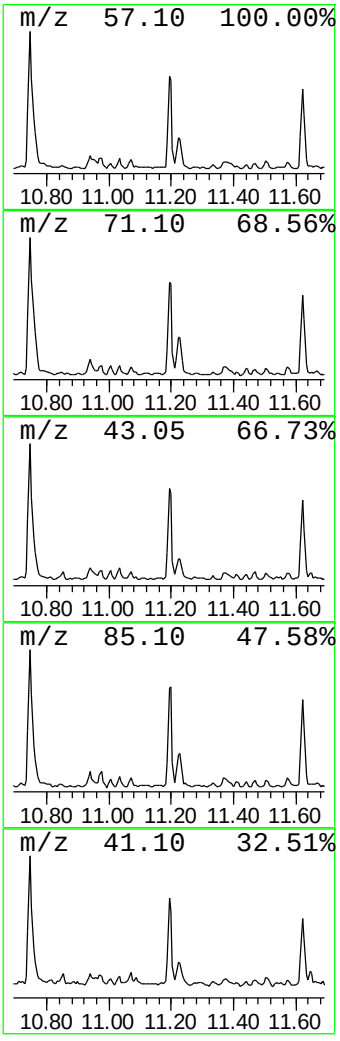
Peak Number 6 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	10.89 ng	528734	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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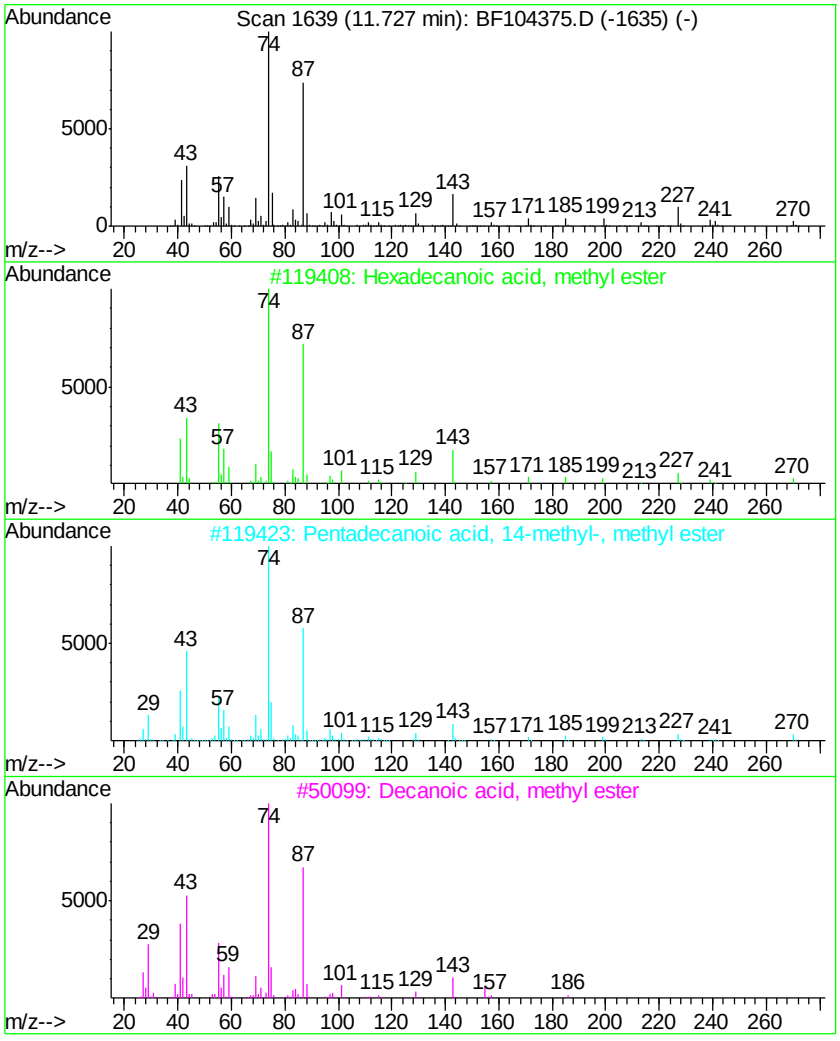
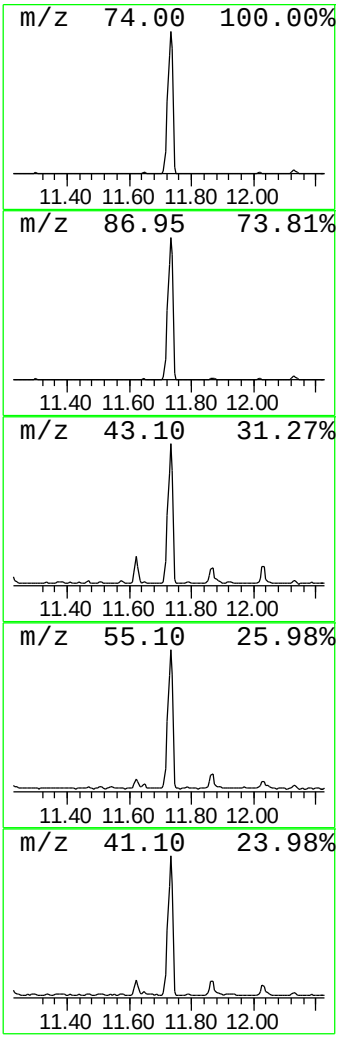
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	134.35 ng	6520370	Phenanthrene-d10	11.33

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	93
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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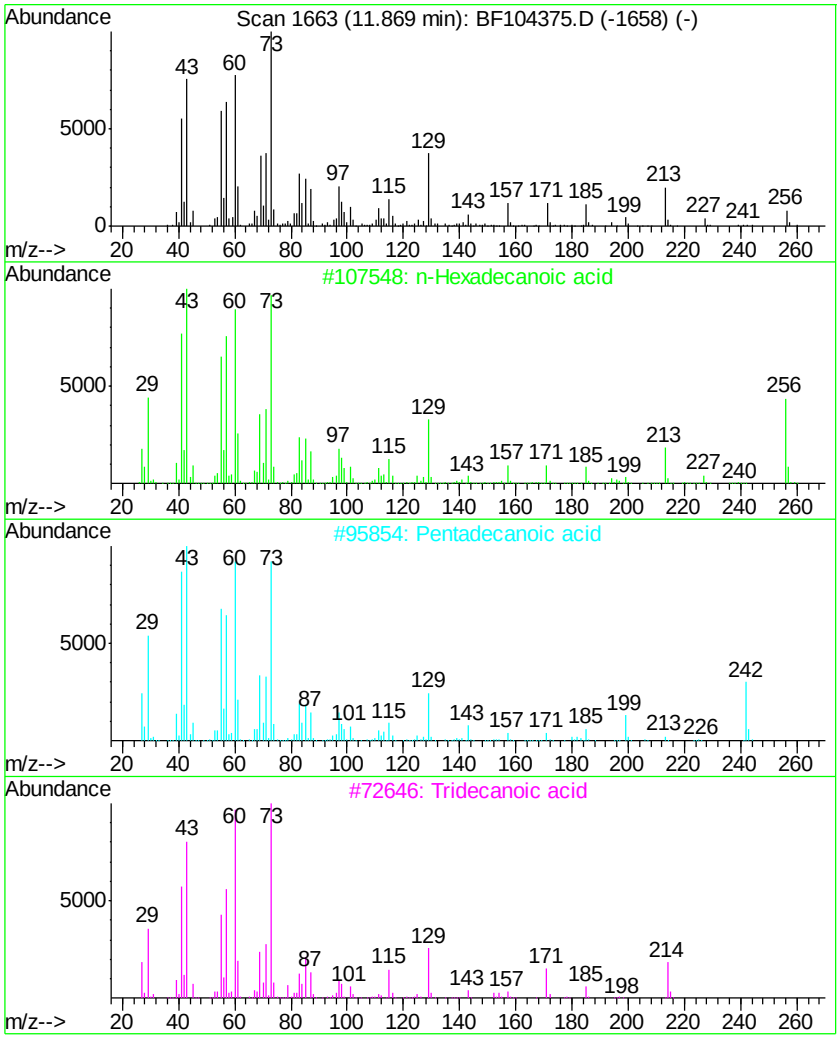
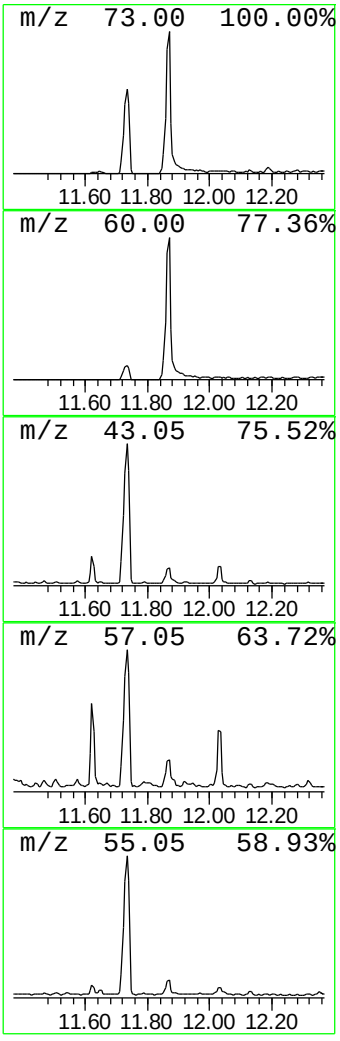
Peak Number 8 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	13.94 ng	676773	Phenanthrene-d10	11.33

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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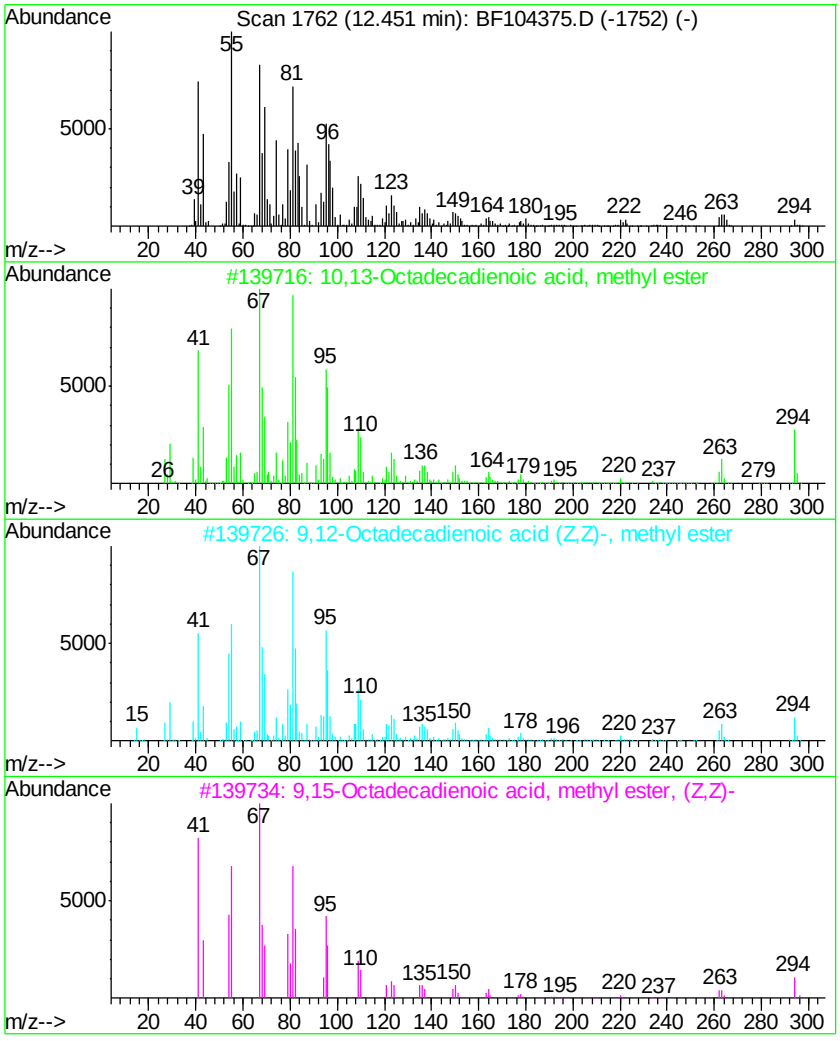
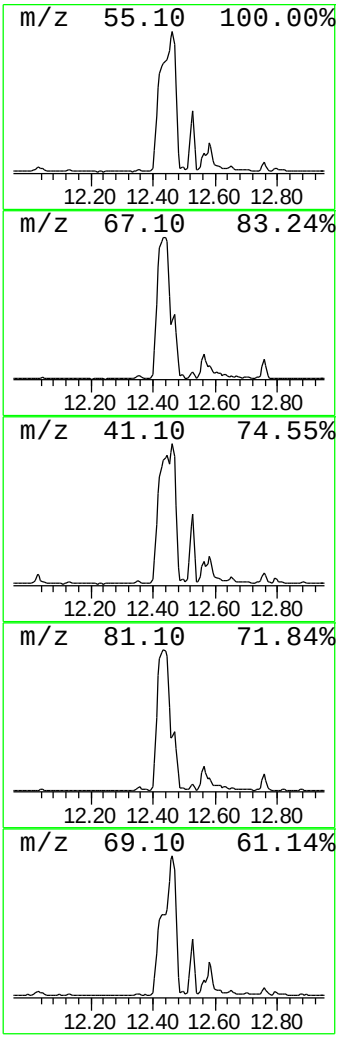
Peak Number 10 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	310.93 ng	15091100	Phenanthrene-d10	11.33

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





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Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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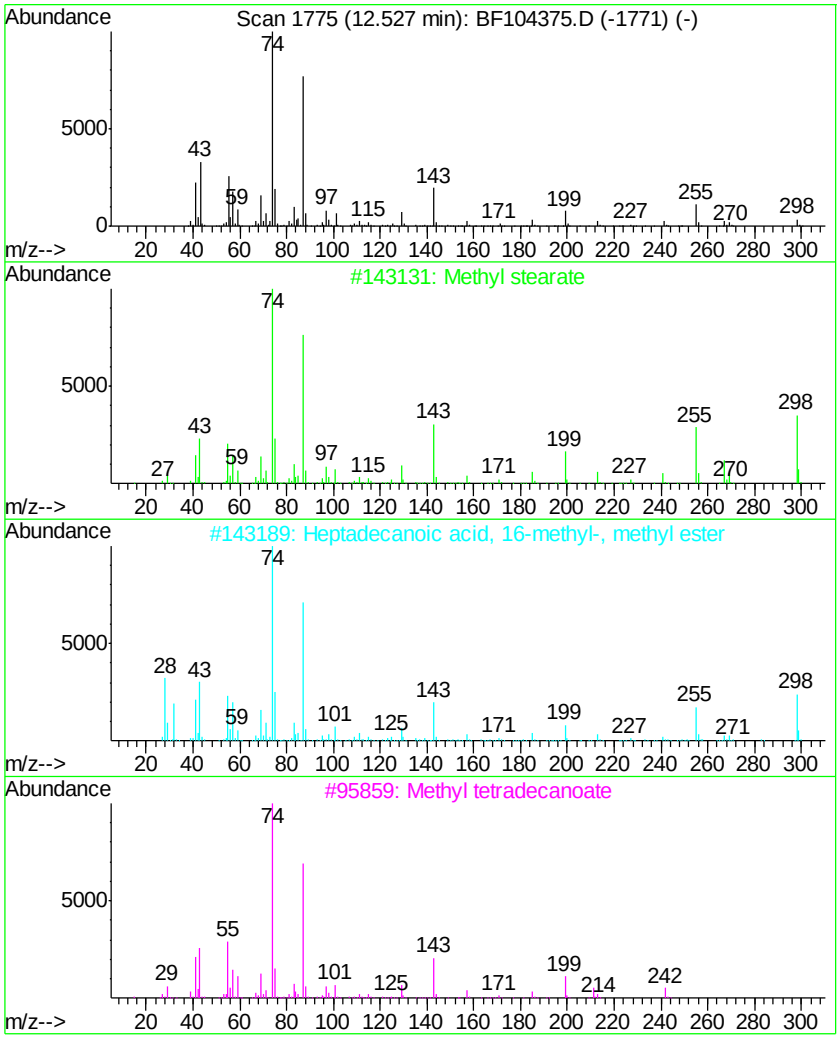
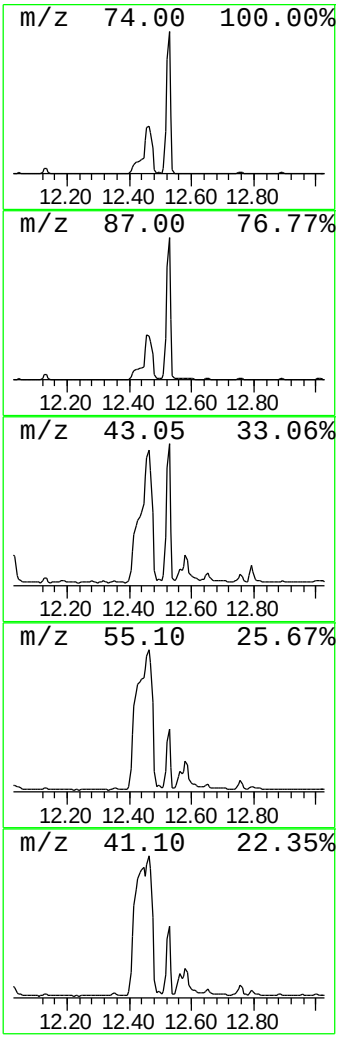
Peak Number 11 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	64.49 ng	3129870	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





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Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

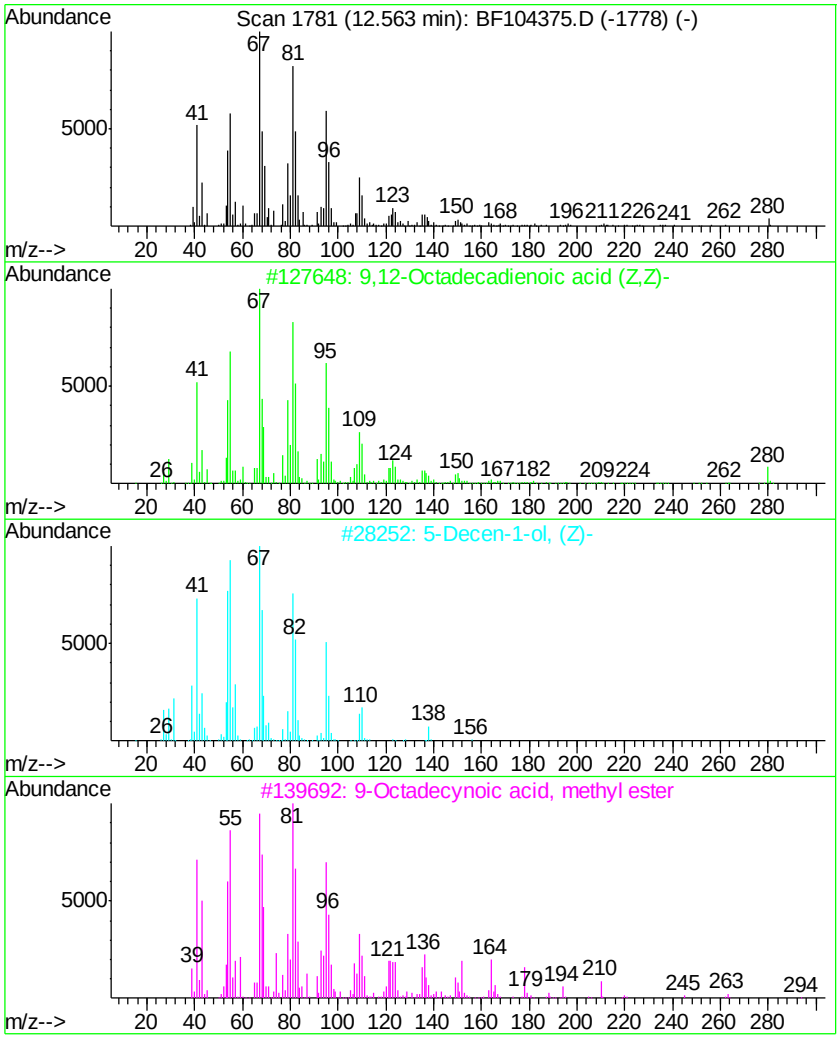
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

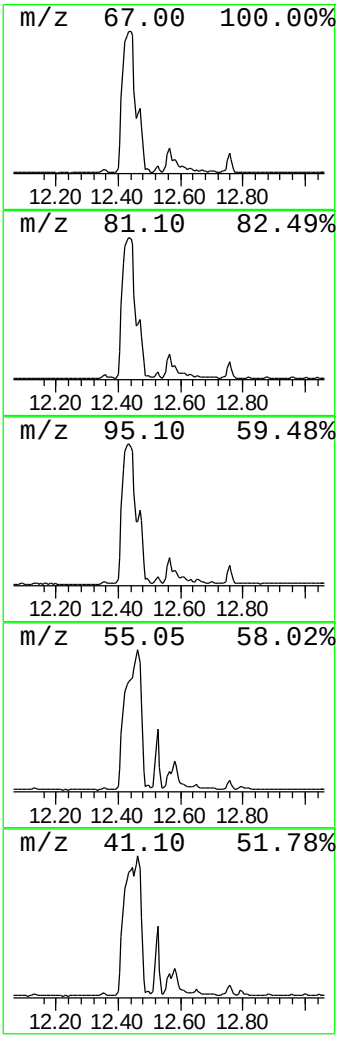
****

Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	22.36 ng	1085430	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	93
3	9-Octadecynoic acid, methyl ester	294	C19H34O2	001120-32-7	80
4	Cyclodecene	138	C10H18	003618-12-0	76
5	5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	74





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Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

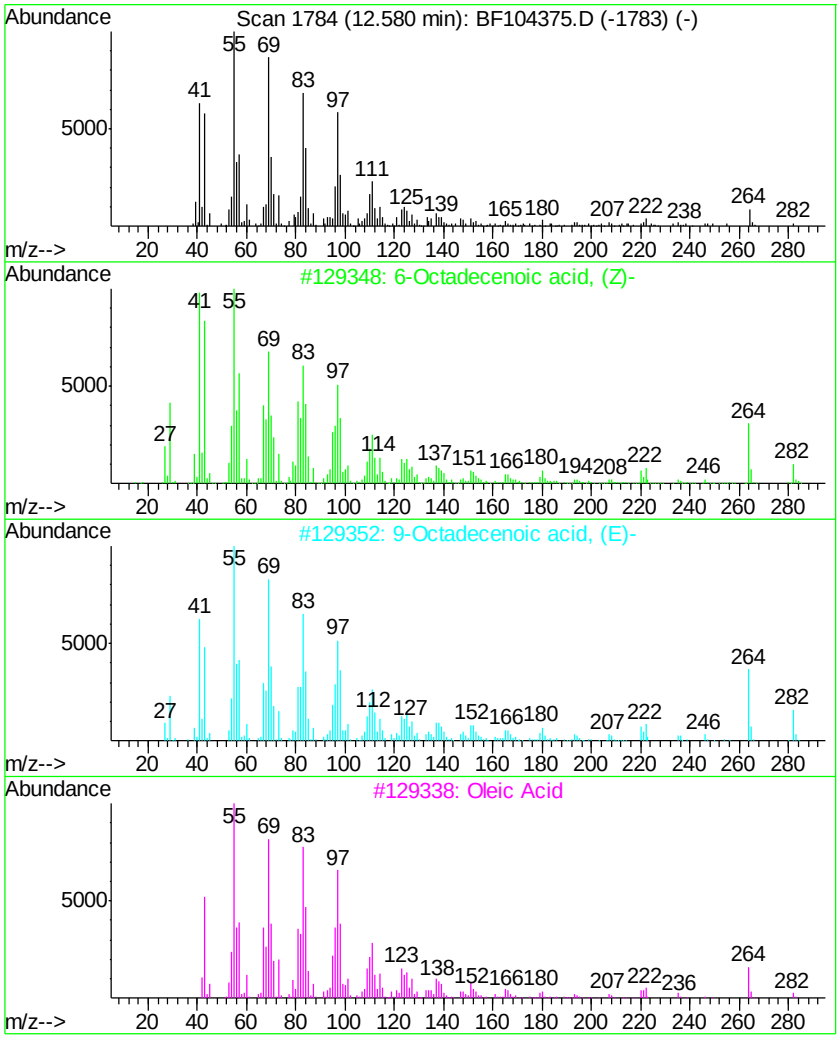
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

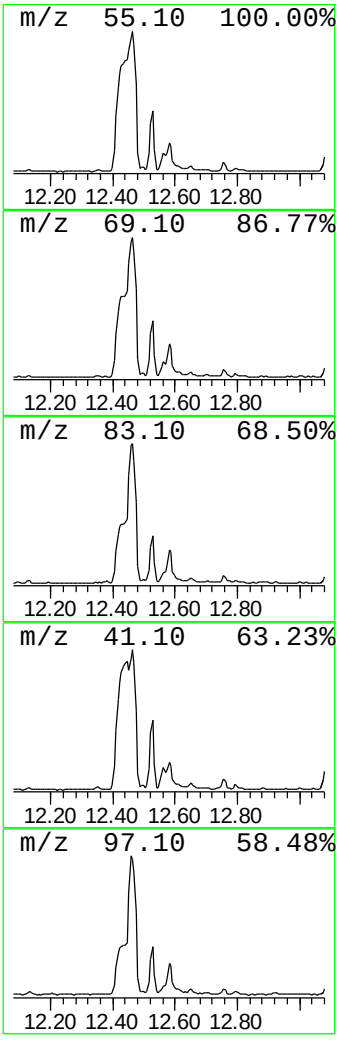
****

Peak Number 13 6-Octadecenoic acid, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	24.45 ng	1186630	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3	Oleic Acid	282	C18H34O2	000112-80-1	91
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	87
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	86





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Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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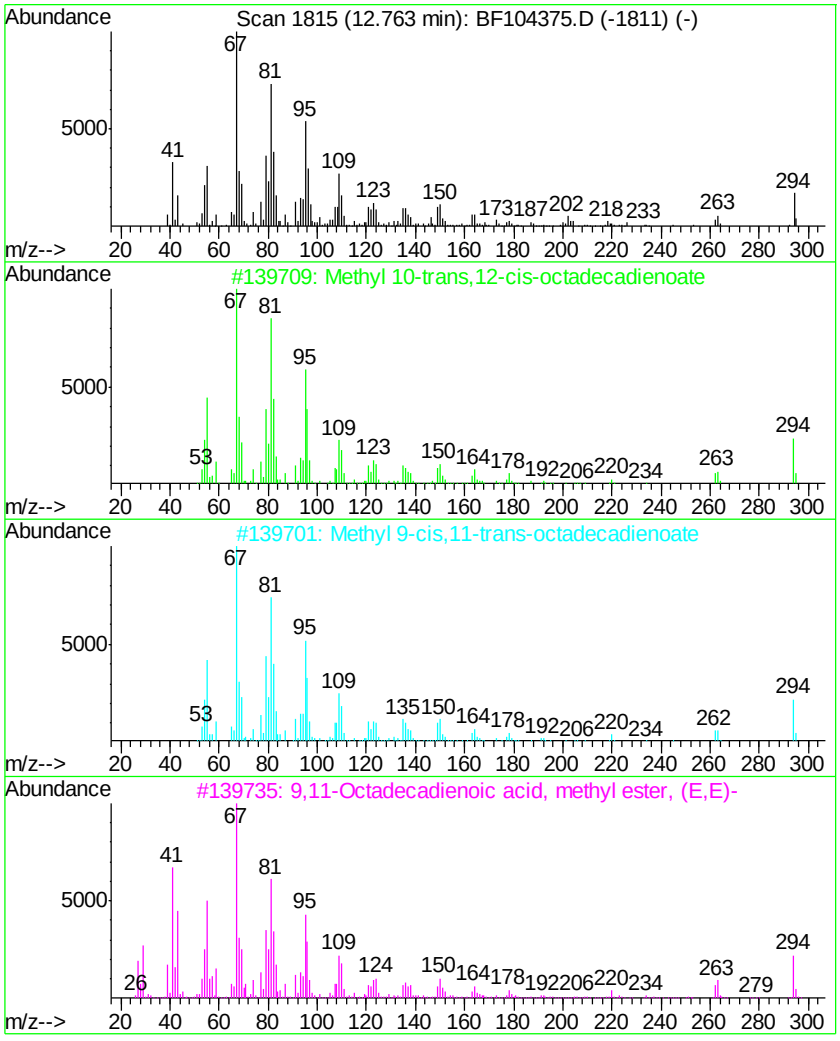
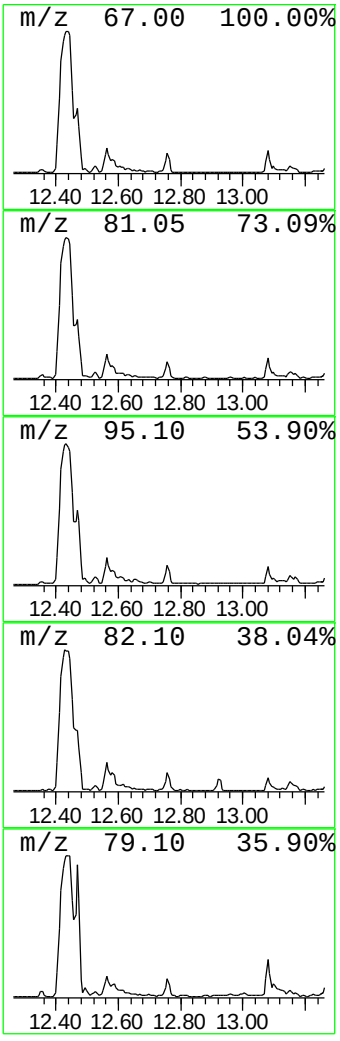
Peak Number 14 Methyl 10-trans,12-cis-octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	14.92 ng	564392	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	95
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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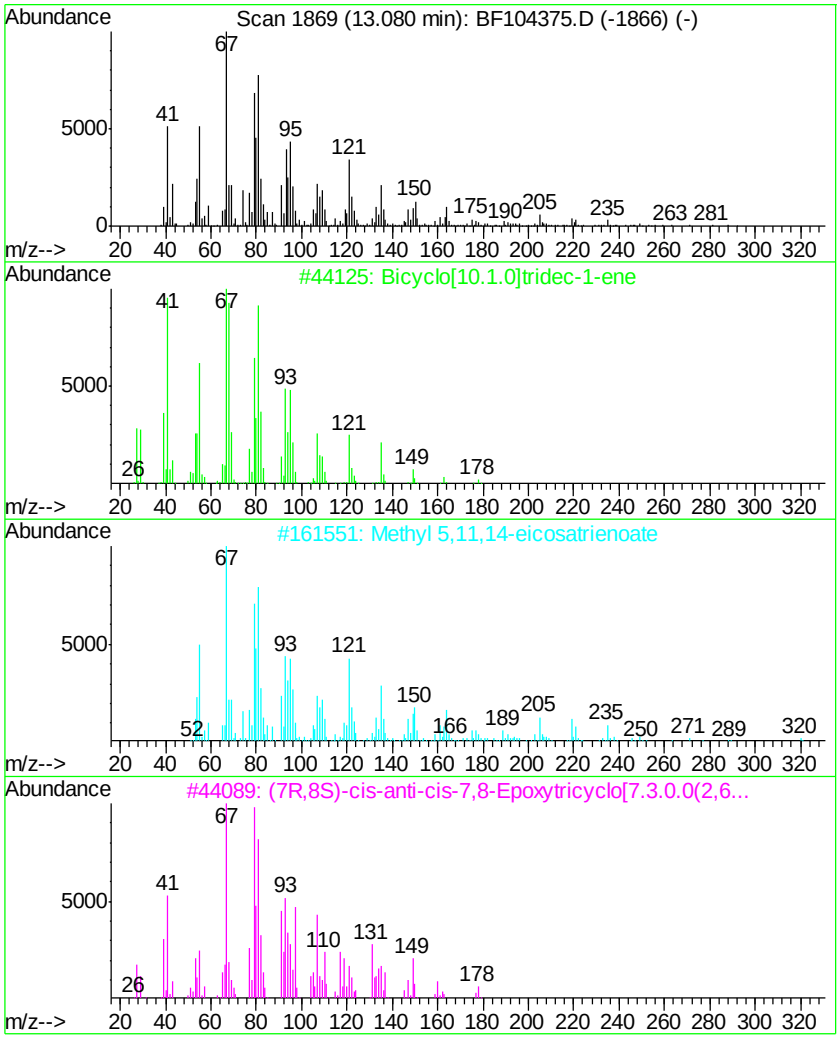
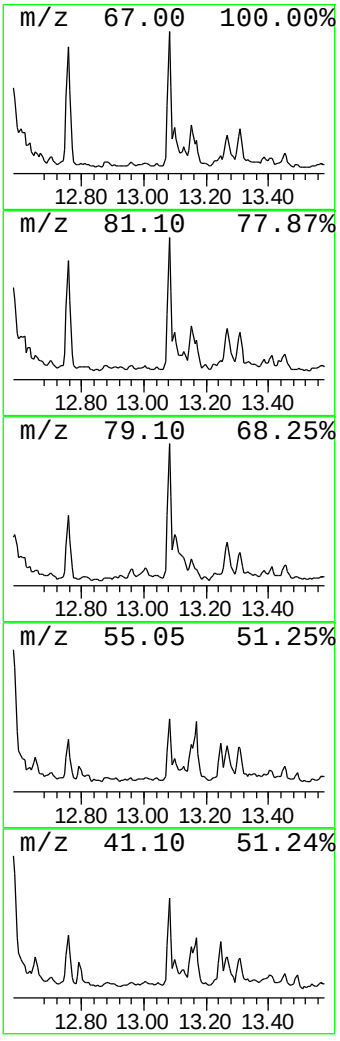
Peak Number 15 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	22.11 ng	836329	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	94
2	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
3	(7R,8S)-cis-anti-cis-7,8-Epoxytr...	178	C12H18O	073285-35-5	81
4	Cis-8-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-3	70
5	7-Hexadecyn-1-ol	238	C16H30O	000822-21-9	68





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Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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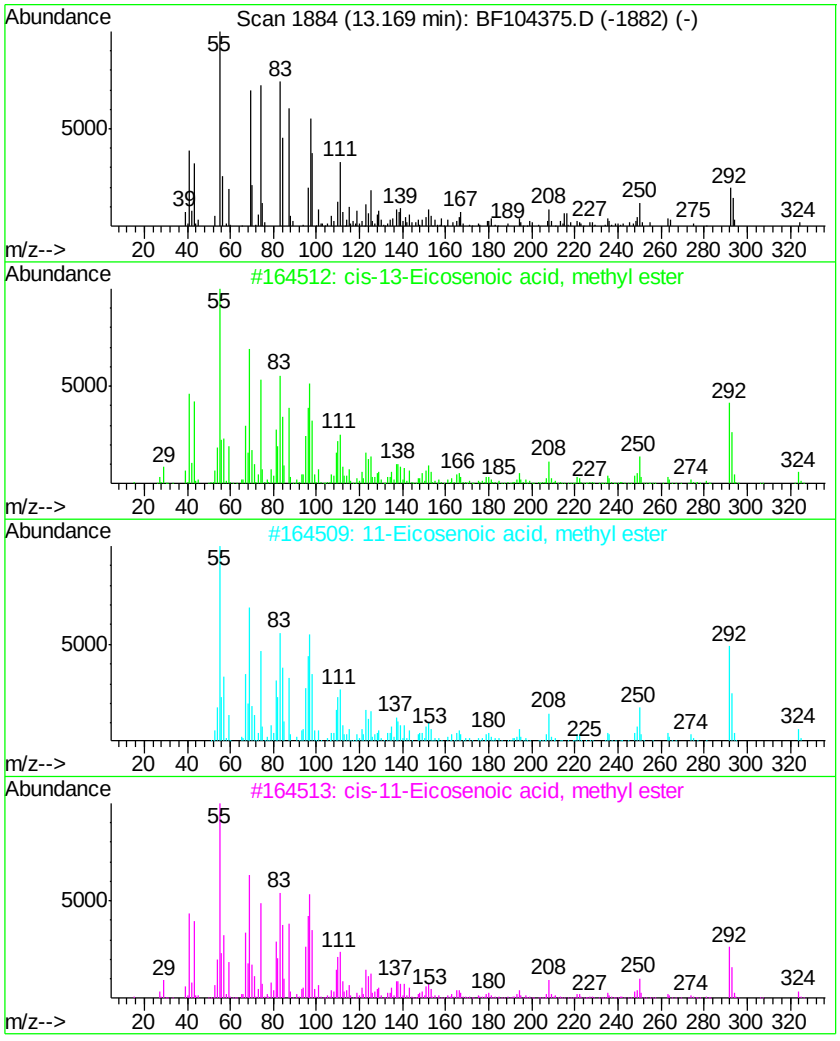
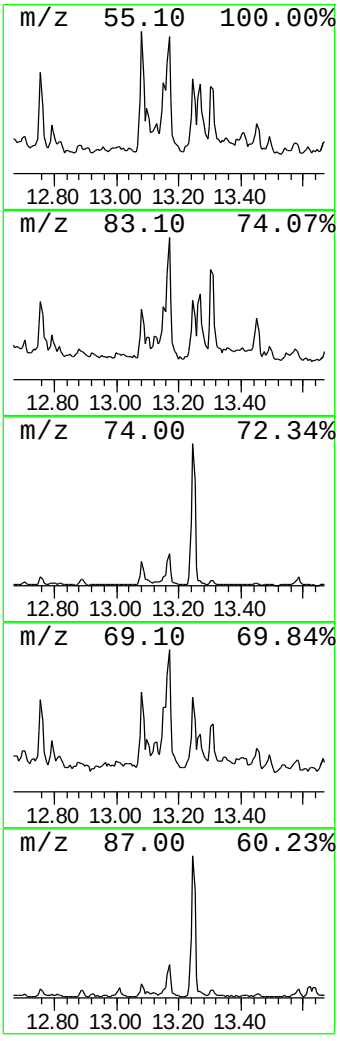
Peak Number 16 cis-13-Eicosenoic acid, met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	13.26 ng	501530	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	91
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	86
3	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	60
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	49
5	1-Heneicosanol	312	C21H44O	015594-90-8	46





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Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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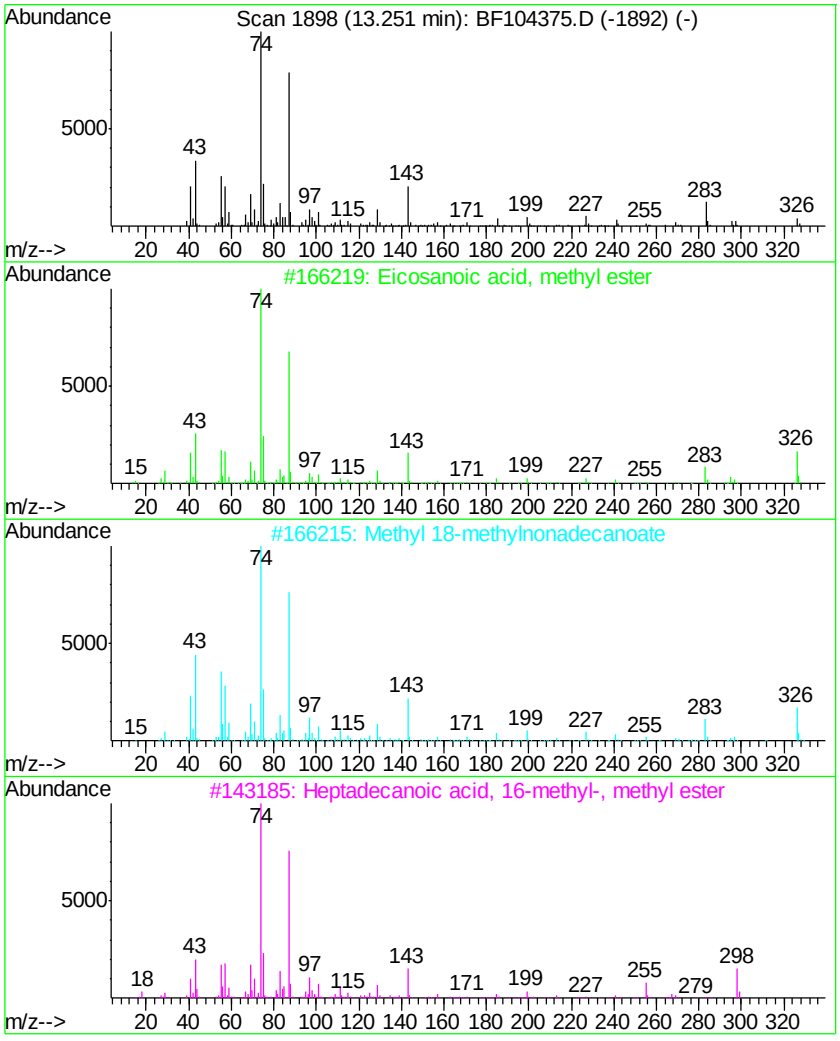
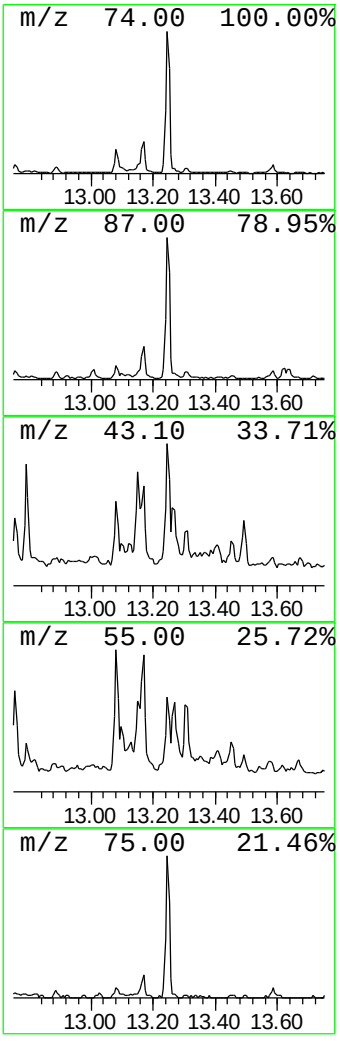
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	13.73 ng	519384	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	97
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5	Methyl stearate	298	C19H38O2	000112-61-8	90





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Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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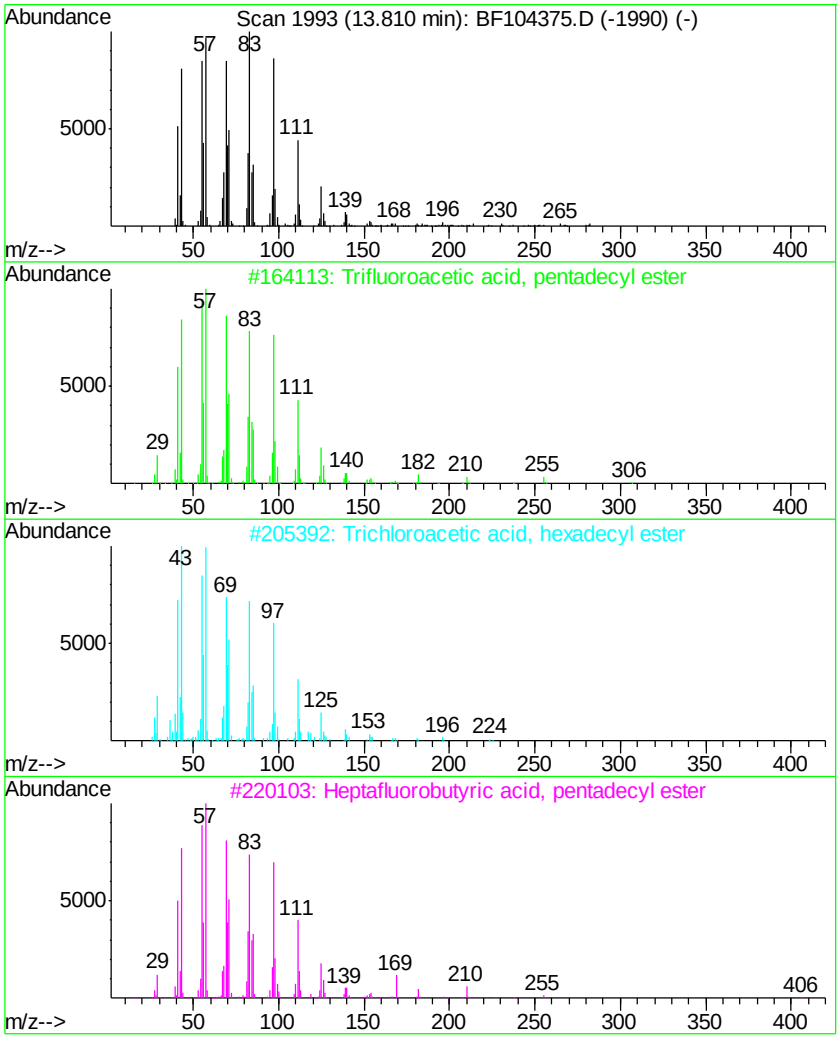
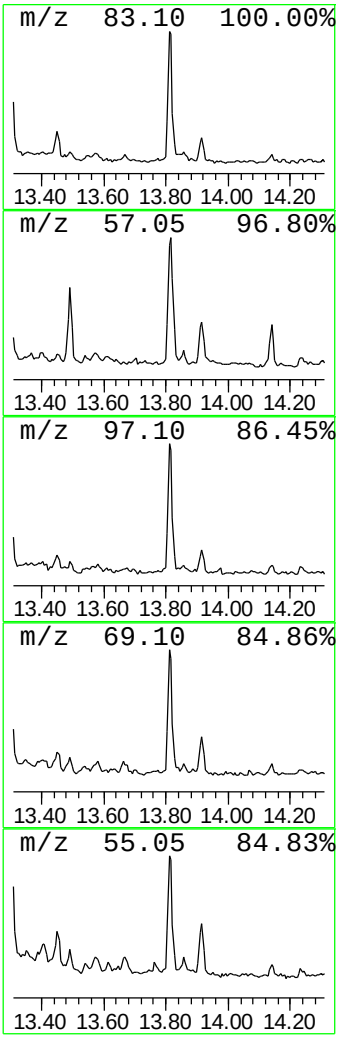
Peak Number 18 Trifluoroacetic acid, penta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	10.91 ng	412933	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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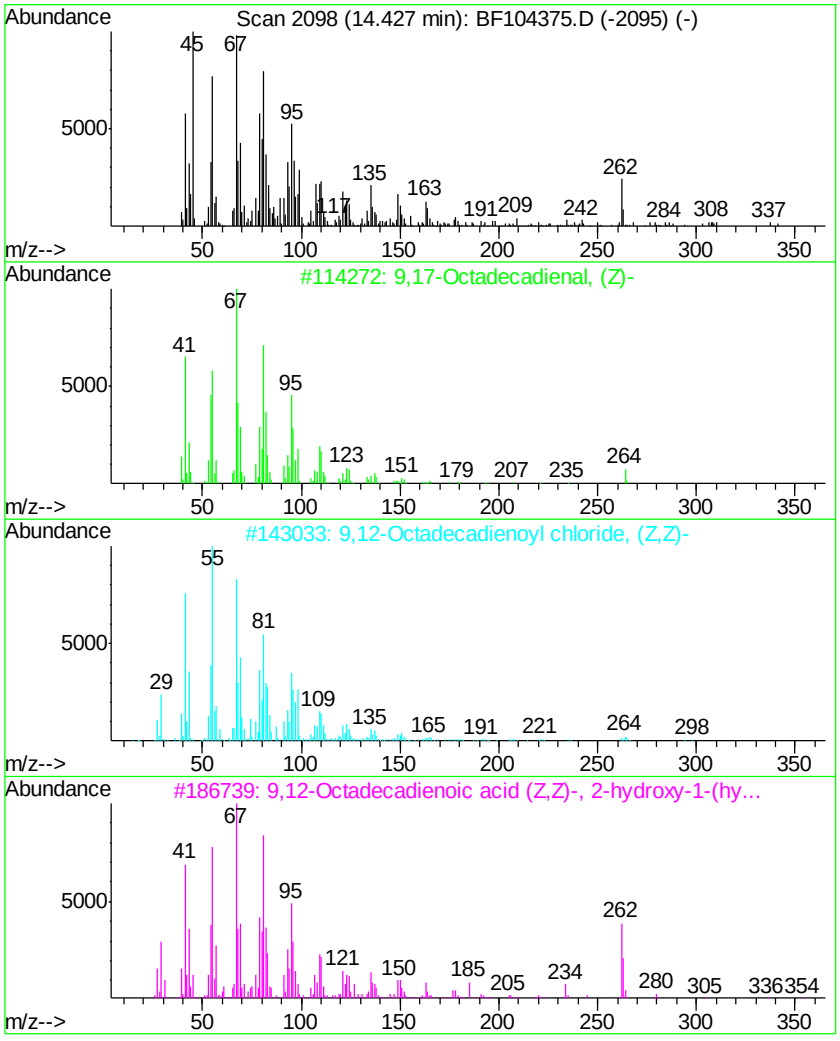
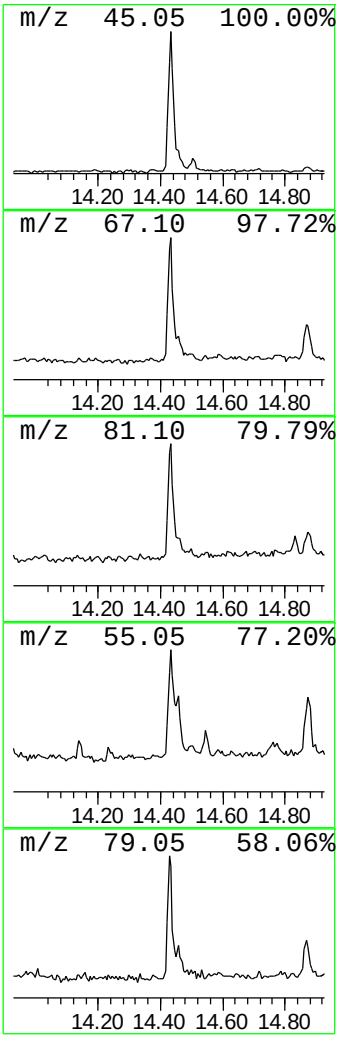
Peak Number 19 9,17-Octadecadienal, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	14.06 ng	531905	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	90
2	9,12-Octadecadienoyl chloride, (...	298	C18H31ClO	007459-33-8	64
3	9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	003443-82-1	55
4	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	50
5	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	50





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Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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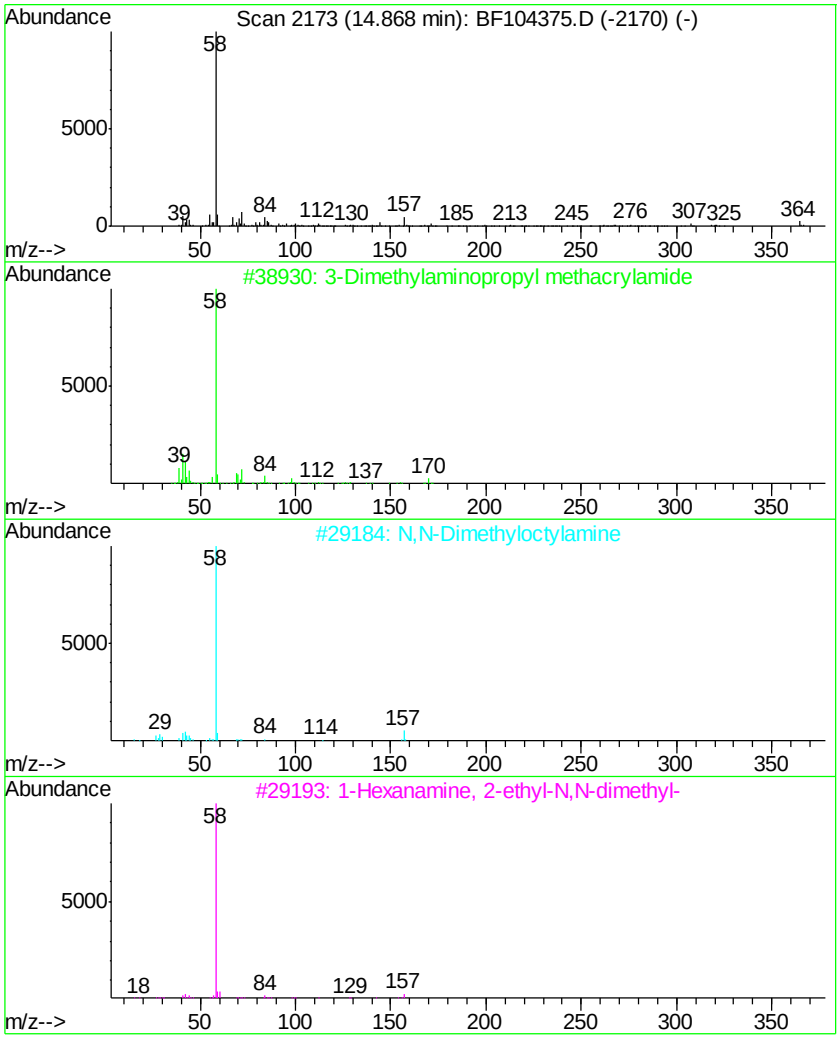
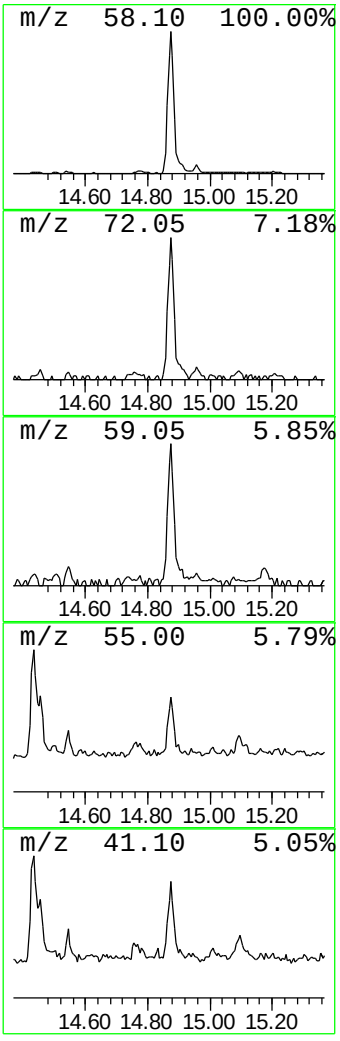
Peak Number 20 3-Dimethylaminopropyl metha... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	13.26 ng	488517	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
5	Benzeneacetamide, N-methyl-N-[2-...	307	C16H25N3O3	1000193-49-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040918\
Data File : BF104375.D
Acq On : 9 Apr 2018 16:37
Operator : JU/SJ
Sample : J2155-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-040618-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
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Pentadecane	9.77	10.8	ng	607426	3	9.84	1120910	20.0
Bacchotricuneatin c	10.27	11.1	ng	619270	3	9.84	1120910	20.0
Nonane, 5-butyl-	10.75	17.9	ng	866560	4	11.33	970694	20.0
Heptadecane	11.19	10.9	ng	528734	4	11.33	970694	20.0
Hexadecanoic acid...	11.73	134.3	ng	6520370	4	11.33	970694	20.0
n-Hexadecanoic acid	11.87	13.9	ng	676773	4	11.33	970694	20.0
10,13-Octadecadie...	12.45	310.9	ng	15091100	4	11.33	970694	20.0
Methyl stearate	12.53	64.5	ng	3129870	4	11.33	970694	20.0
9,12-Octadecadien...	12.56	22.4	ng	1085430	4	11.33	970694	20.0
6-Octadecenoic ac...	12.58	24.4	ng	1186630	4	11.33	970694	20.0
Methyl 10-trans,1...	12.76	14.9	ng	564392	5	13.97	756638	20.0
Bicyclo[10.1.0]tr...	13.08	22.1	ng	836329	5	13.97	756638	20.0
cis-13-Eicosenoic...	13.17	13.3	ng	501530	5	13.97	756638	20.0
Eicosanoic acid, ...	13.25	13.7	ng	519384	5	13.97	756638	20.0
Trifluoroacetic a...	13.81	10.9	ng	412933	5	13.97	756638	20.0
9,17-Octadecadien...	14.43	14.1	ng	531905	5	13.97	756638	20.0
3-Dimethylaminopr...	14.87	13.3	ng	488517	6	15.43	736858	20.0