LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	21	rVB	239612	359682	3.44%	0.485%
2	5.110	511	514	532	rVB	118995	188315	1.80%	0.254%
3	5.510	578	582	609	rBV	2631917	3703860	35.44%	4.991%
4	6.522	750	754	770	rBV	2628023	3756901	35.95%	5.063%
5	6.651	772	776	789	rVB	3159384	3378928	32.33%	4.554%
6	6.875	810	814	821	rBV	792440	761560	7.29%	1.026%
7	7.028	836	840	849	rBV	2497609	2525918	24.17%	3.404%
8	7.439	906	910	919	rBV	2154102	2265374	21.68%	3.053%
9	8.122	1023	1026	1029	rBV	314340	266682	2.55%	0.359%
10	8.157	1029	1032	1037	rVV	1030520	984232	9.42%	1.326%
11	8.198	1037	1039	1042	rVB2	156731	124038	1.19%	0.167%
12	8.433	1076	1079	1084	rBV4	124538	169138	1.62%	0.228%
13	8.557	1098	1100	1103	rVB2	181510	136293	1.30%	0.184%
14	8.657	1113	1117	1119	rBV	160213	157409	1.51%	0.212%
15	8.733	1124	1130	1134	rVV	503216	544512	5.21%	0.734%
16	8.781	1134	1138	1141	rVV5	67943	128338	1.23%	0.173%
17	8.816	1141	1144	1150	rVB3	101568	147634	1.41%	0.199%
18	8.975	1168	1171	1175	rBV2	189201	200565	1.92%	0.270%
19	9.092	1188	1191	1194	rBV2	177633	166741	1.60%	0.225%
20	9.163	1200	1203	1205	rVB2	163933	130314	1.25%	0.176%
21	9.228	1210	1214	1218	rBV	2965539	2752104	26.33%	3.709%
22	9.298	1222	1226	1229	rVV	720359	624389	5.97%	0.841%
23	9.375	1237	1239	1242	rVB	130031	110334	1.06%	0.149%
24	9.492	1255	1259	1264	rVB4	250355	284714	2.72%	0.384%
25	9.551	1264	1269	1271	rBV5	114987	189330	1.81%	0.255%
26	9.575	1271	1273	1276	rVV3	107380	122762	1.17%	0.165%
27	9.622	1276	1281	1288	rVV2	578194	828208	7.92%	1.116%
28	9.675	1288	1290	1294	rVV3	114684	129292	1.24%	0.174%
29	9.828	1313	1316	1320	rVB	879577	685130	6.56%	0.923%
30	9.916	1328	1331	1336	rVB	932934	835444	7.99%	1.126%
31	10.063	1352	1356	1358	rVV2	102948	136534	1.31%	0.184%
32	10.145	1367	1370	1375	rBV3	168218	208454	1.99%	0.281%
33	10.233	1380	1385	1388	rBV6	80371	145316	1.39%	0.196%
34	10.327	1397	1401	1404	rBV2	1013979	829734	7.94%	1.118%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.457	1417	1423	1426	rBV5	78344	143613	1.37%	0.194%
36	10.545	1433	1438	1441	rBV	316248	398949	3.82%	0.538%
37	10.627	1450	1452	1457	rVV3	108194	131327	1.26%	0.177%
38	10.669	1457	1459	1462	rVB2	136113	110555	1.06%	0.149%
39	10.710	1462	1466	1473	rBV	1354540	1484939	14.21%	2.001%
40	10.804	1478	1482	1487	rBV	815436	947524	9.07%	1.277%
41	11.251	1555	1558	1560	rBV	730159	567795	5.43%	0.765%
42	11.280	1560	1563	1569	rVB	245175	304053	2.91%	0.410%
43	11.410	1581	1585	1588	rBV	806346	737923	7.06%	0.994%
44	11.680	1627	1631	1633	rBV	523750	462006	4.42%	0.623%
45	11.786	1644	1649	1652	rBV	4775383	5331700	51.02%	7.185%
46	11.927	1669	1673	1679	rVV	548851	624965	5.98%	0.842%
47	12.086	1696	1700	1708	rVB2	492251	560539	5.36%	0.755%
48	12.186	1714	1717	1722	rVB	147822	124128	1.19%	0.167%
49	12.410	1752	1755	1757	rBV	179308	162537	1.56%	0.219%
50	12.486	1761	1768	1770	rBV	5130149	10450964	100.00%	14.084%
51	12.510	1770	1772	1777	rVB3	5041778	7303910	69.89%	9.843%
52	12.580	1781	1784	1787	rVB	3316603	2815397	26.94%	3.794%
53	12.627	1787	1792	1793	rBV	473389	562579	5.38%	0.758%
54	12.645	1793	1795	1798	rVB	386307	305756	2.93%	0.412%
55	12.710	1804	1806	1811	rVB2	238089	280978	2.69%	0.379%
56	12.757	1812	1814	1817	rVB2	133802	131256	1.26%	0.177%
57	12.816	1820	1824	1827	rVB	1173911	1052420	10.07%	1.418%
58	12.851	1827	1830	1832	rBV	278774	256009	2.45%	0.345%
59	12.998	1850	1855	1858	rVV	1986969	2114278	20.23%	2.849%
60	13.021	1858	1859	1861	rVV2	346142	215945	2.07%	0.291%
61	13.068	1863	1867	1870	rVV3	251812	354848	3.40%	0.478%
62	13.110	1870	1874	1876	rVV2	158530	186841	1.79%	0.252%
63	13.139	1876	1879	1881	rVV	1051116	935247	8.95%	1.260%
64	13.168	1881	1884	1889	rVV3	637952	1282691	12.27%	1.729%
65	13.210	1889	1891	1892	rVV2	520972	464281	4.44%	0.626%
66	13.227	1892	1894	1901	rVB2	609274	641957	6.14%	0.865%
67	13.304	1903	1907	1913	rBV	647889	709863	6.79%	0.957%
68	13.416	1923	1926	1930	rBV3	262085	284145	2.72%	0.383%
69	13.545	1946	1948	1956	rVB2	140824	151108	1.45%	0.204%
70	13.733	1976	1980	1985	rVB3	373873	525018	5.02%	0.708%
71	13.874	2001	2004	2010	rBV	420460	412975	3.95%	0.557%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.968	2017	2020	2024	rBV	338044	305945	2.93%	0.412%
73	14.068	2033	2037	2040	rBV	689793	669270	6.40%	0.902%
74	14.363	2085	2087	2090	rBV	113653	104550	1.00%	0.141%
75	14.498	2107	2110	2117	rVB2	156746	244096	2.34%	0.329%
76	14.598	2125	2127	2130	rBV	142732	125416	1.20%	0.169%
77	14.939	2181	2185	2196	rVB	582516	879978	8.42%	1.186%
78	15.580	2291	2294	2298	rVB	323556	365676	3.50%	0.493%

Sum of corrected areas: 74204129

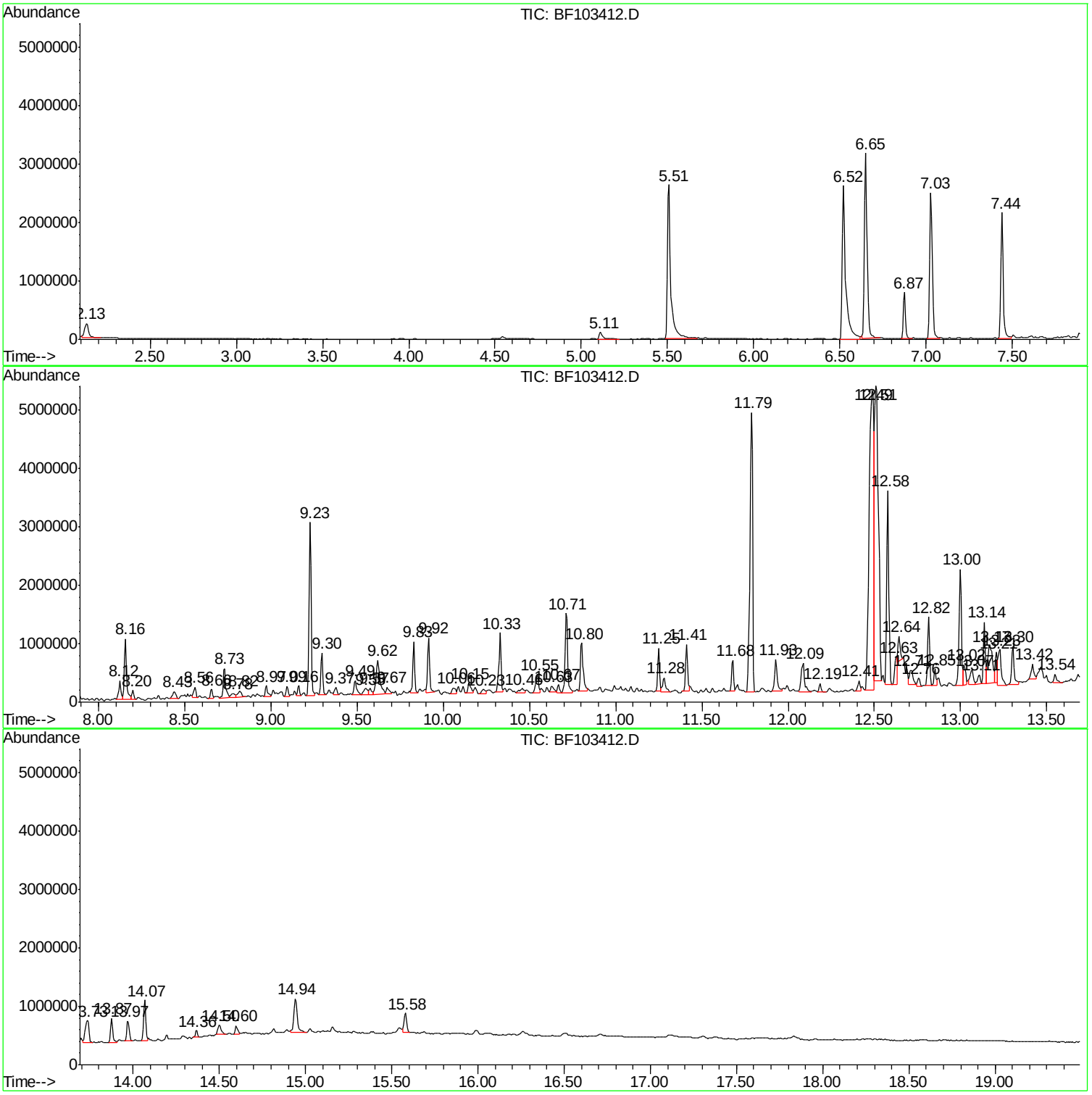
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

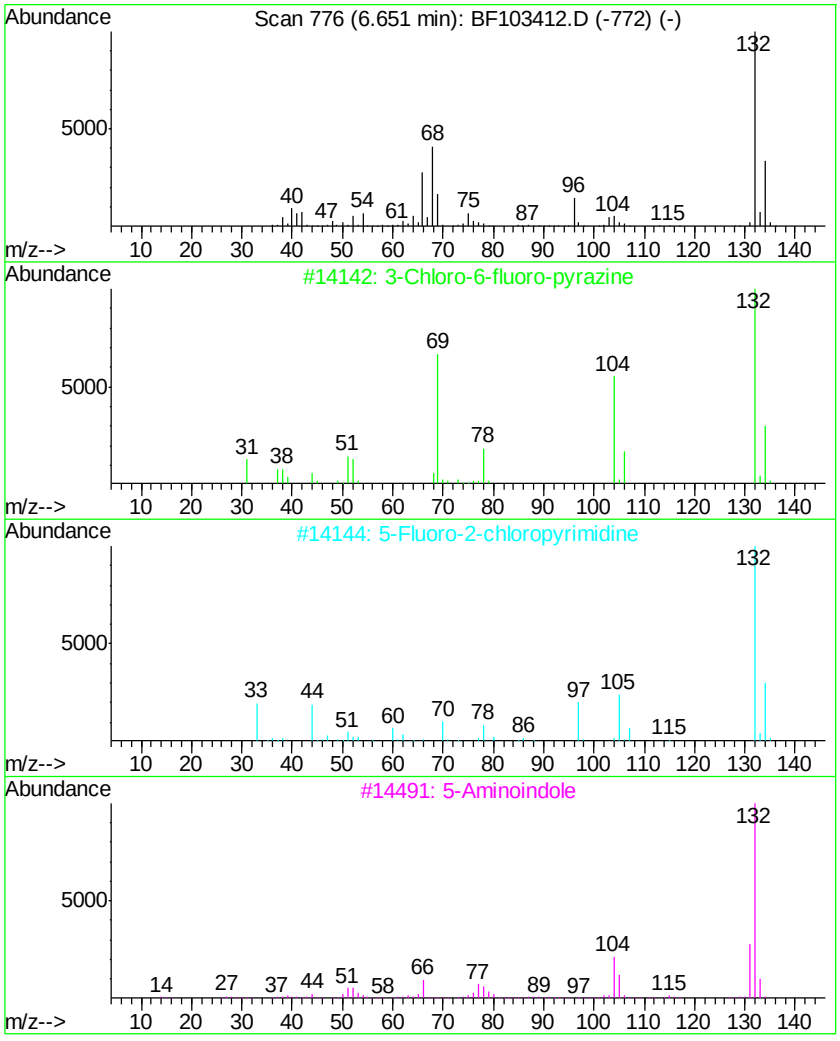
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

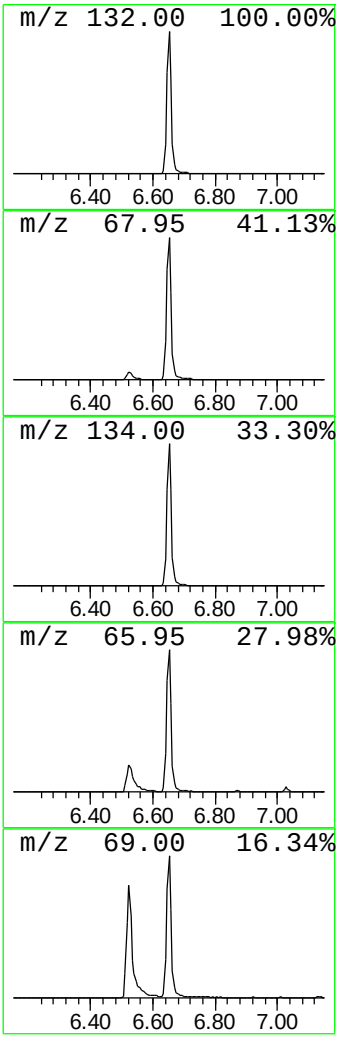
****

Peak Number 1 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	88.74 ng	3378930	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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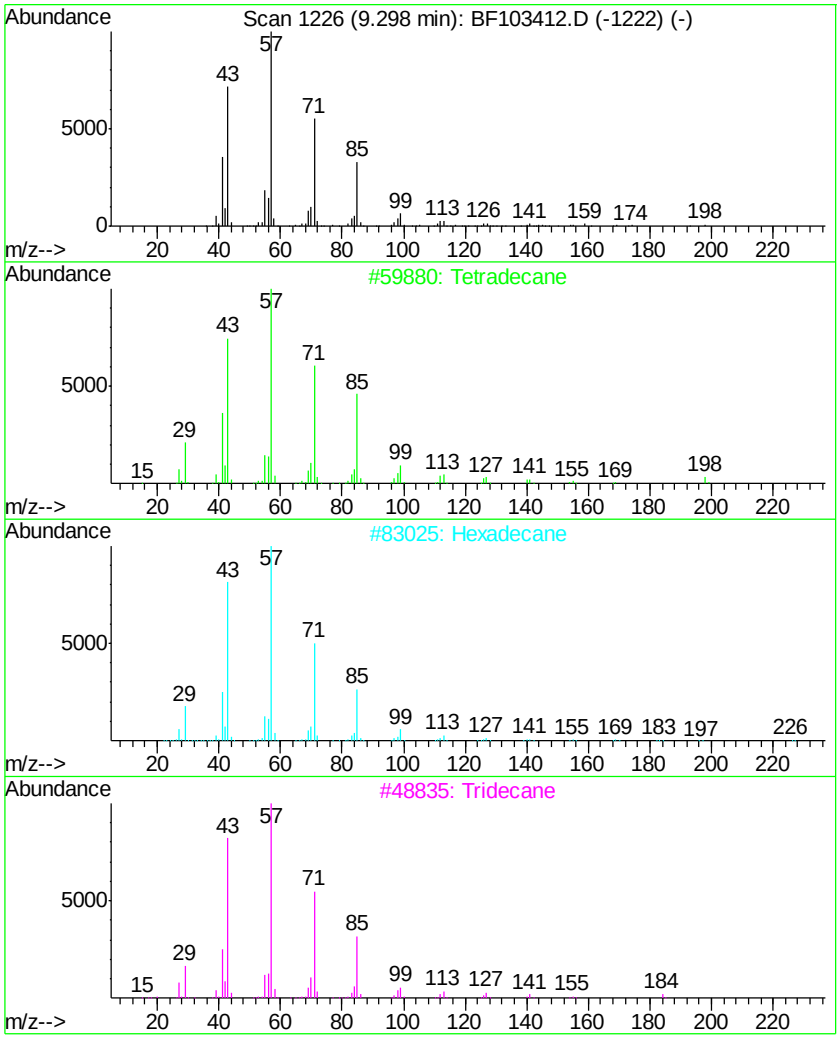
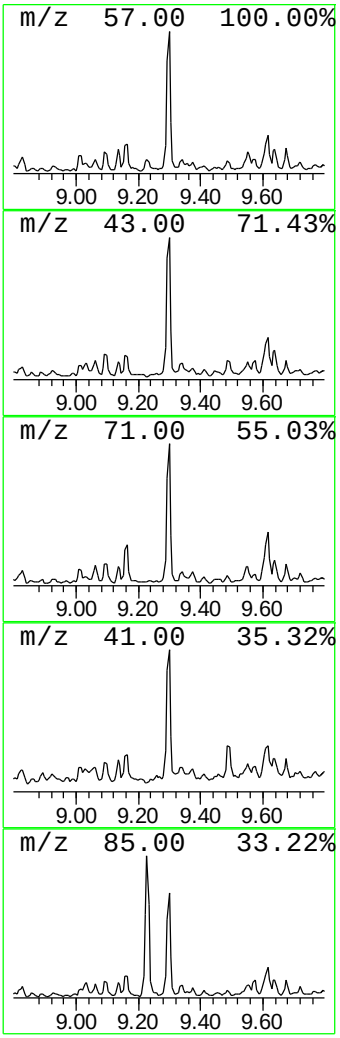
Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	14.95 ng	624389	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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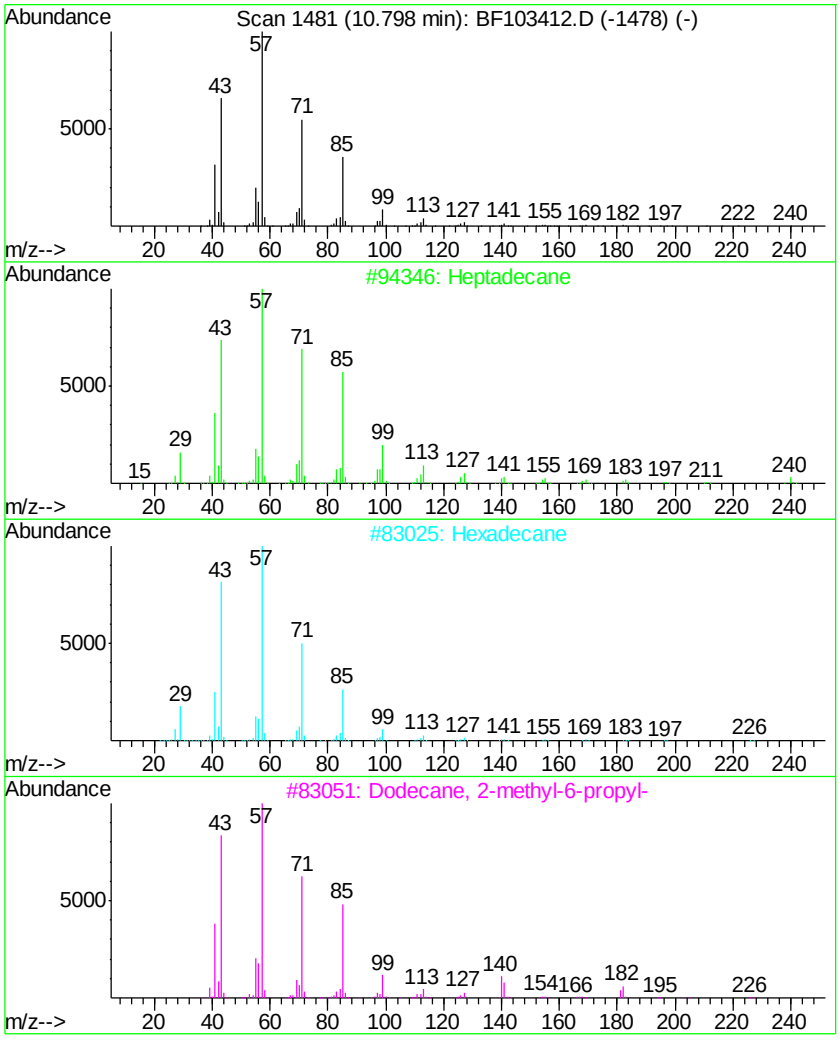
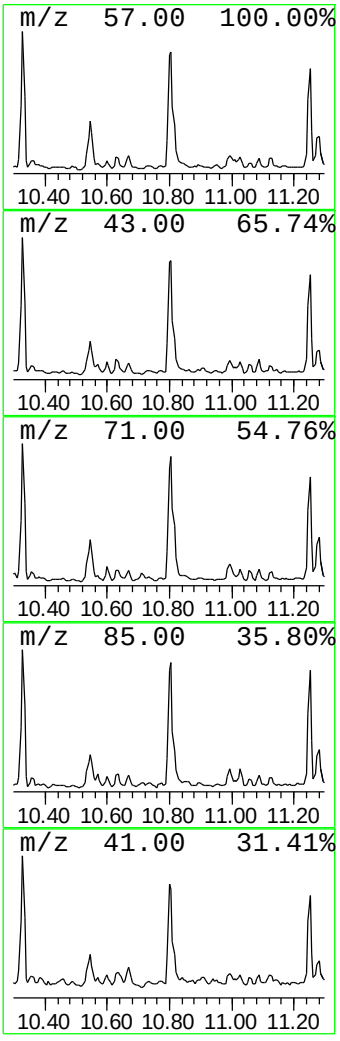
Peak Number 5 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	25.68 ng	947524	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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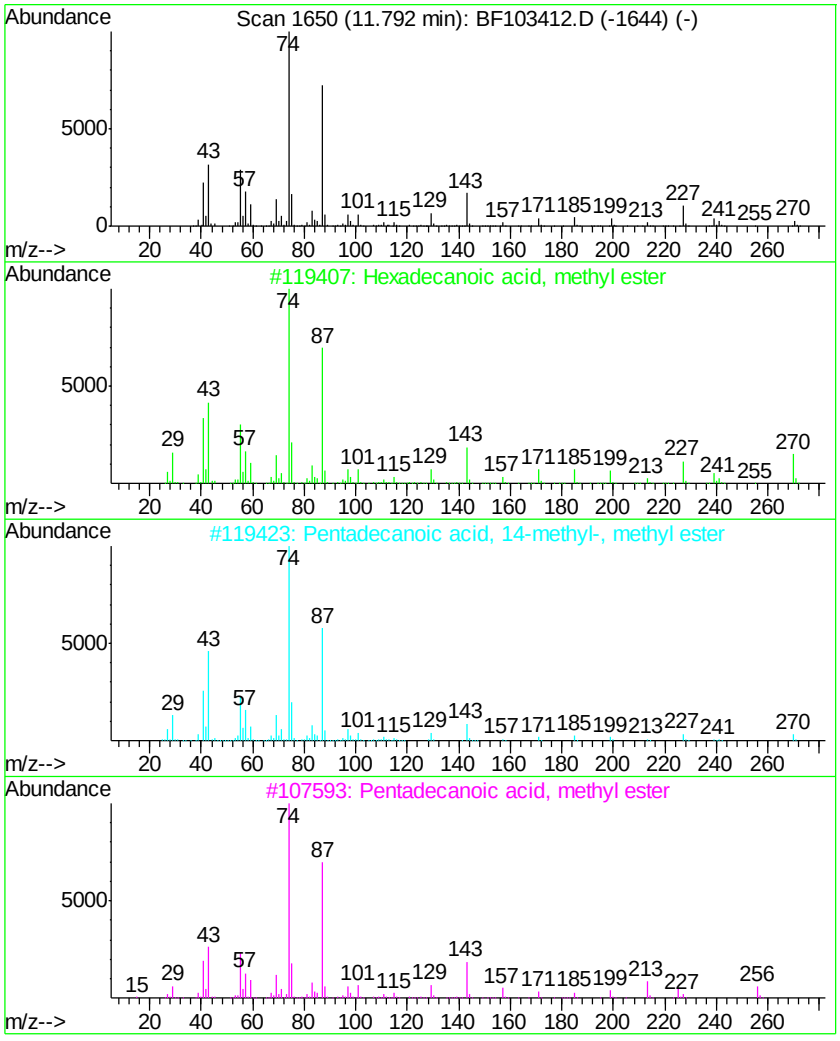
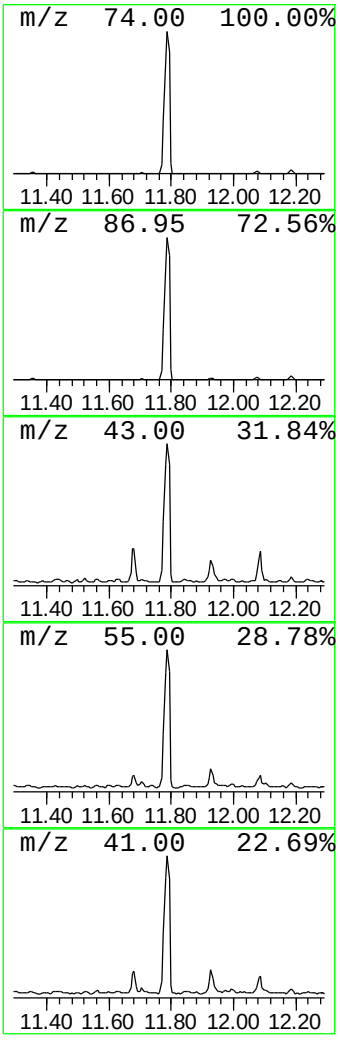
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	144.51 ng	5331700	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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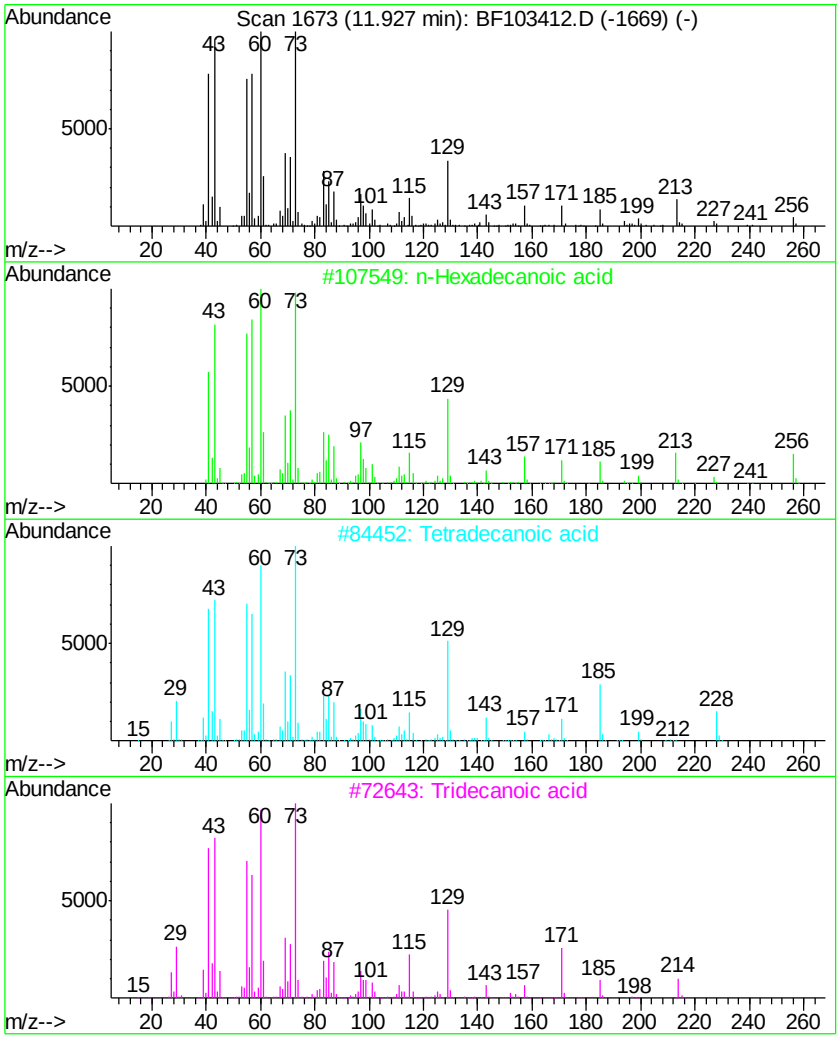
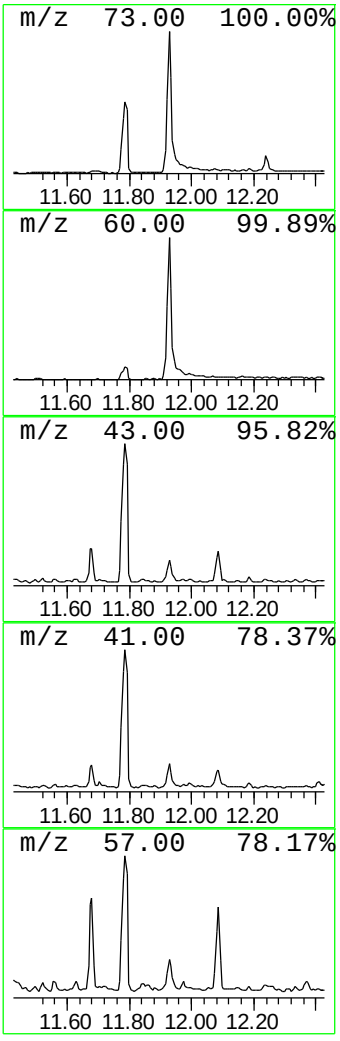
Peak Number 8 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	16.94 ng	624965	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	76





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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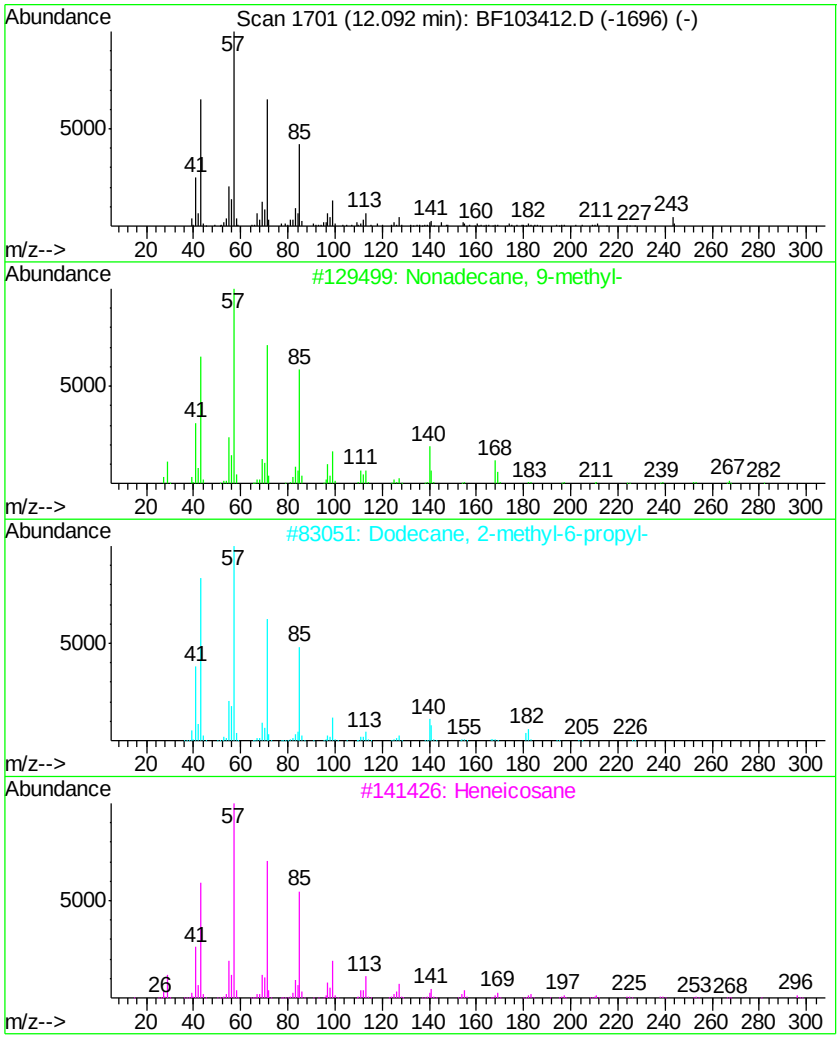
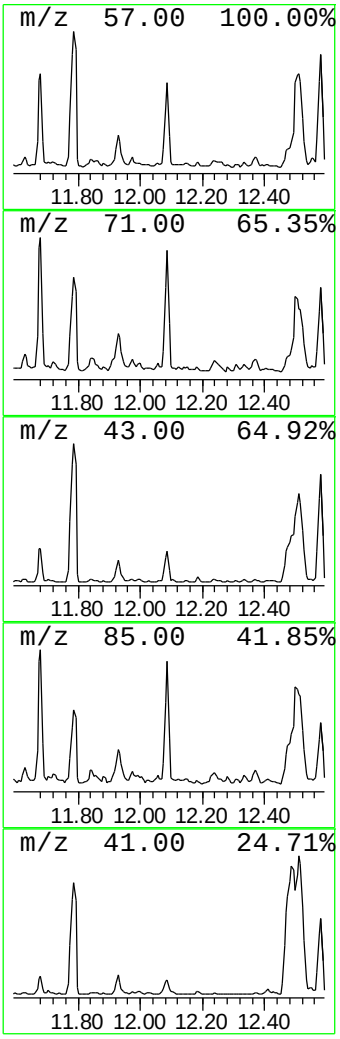
Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	15.19 ng	560539	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	86





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Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

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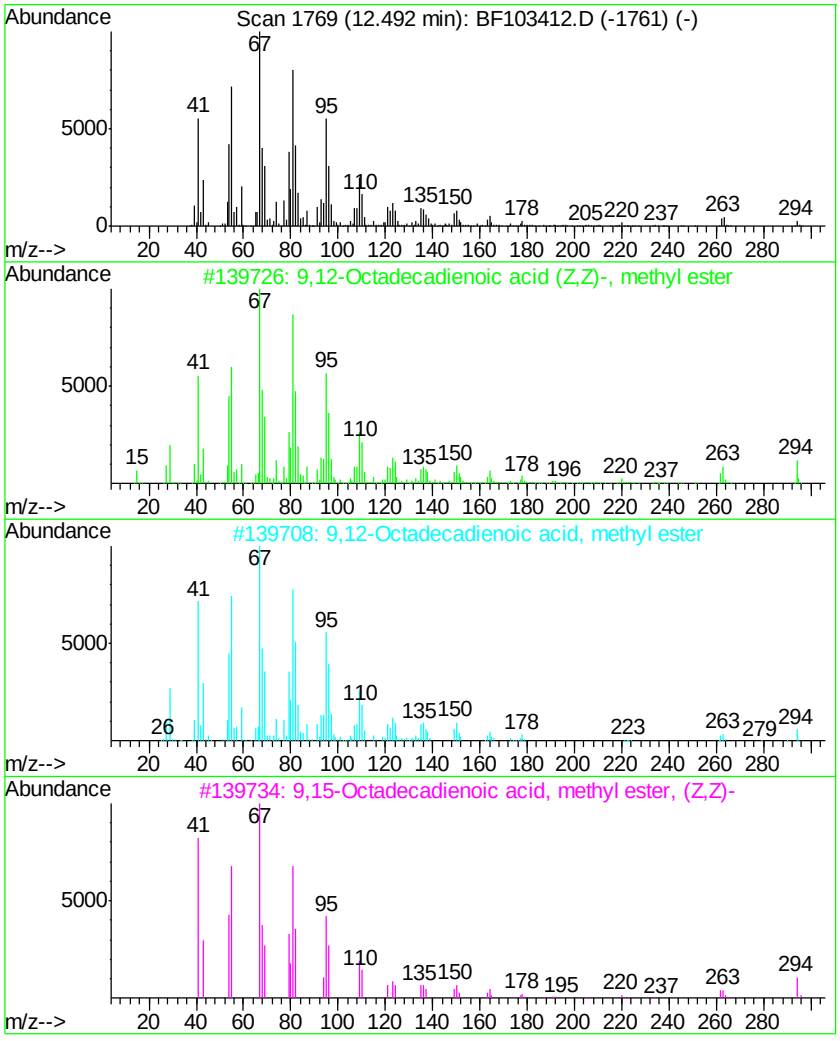
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

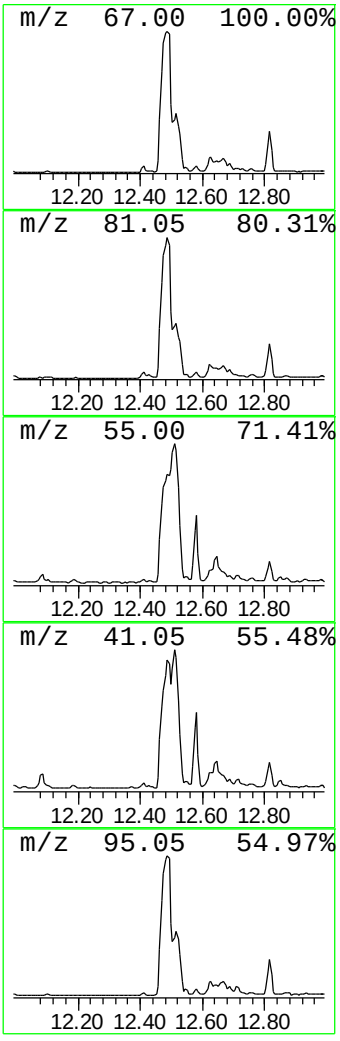
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	283.25 ng	10451000	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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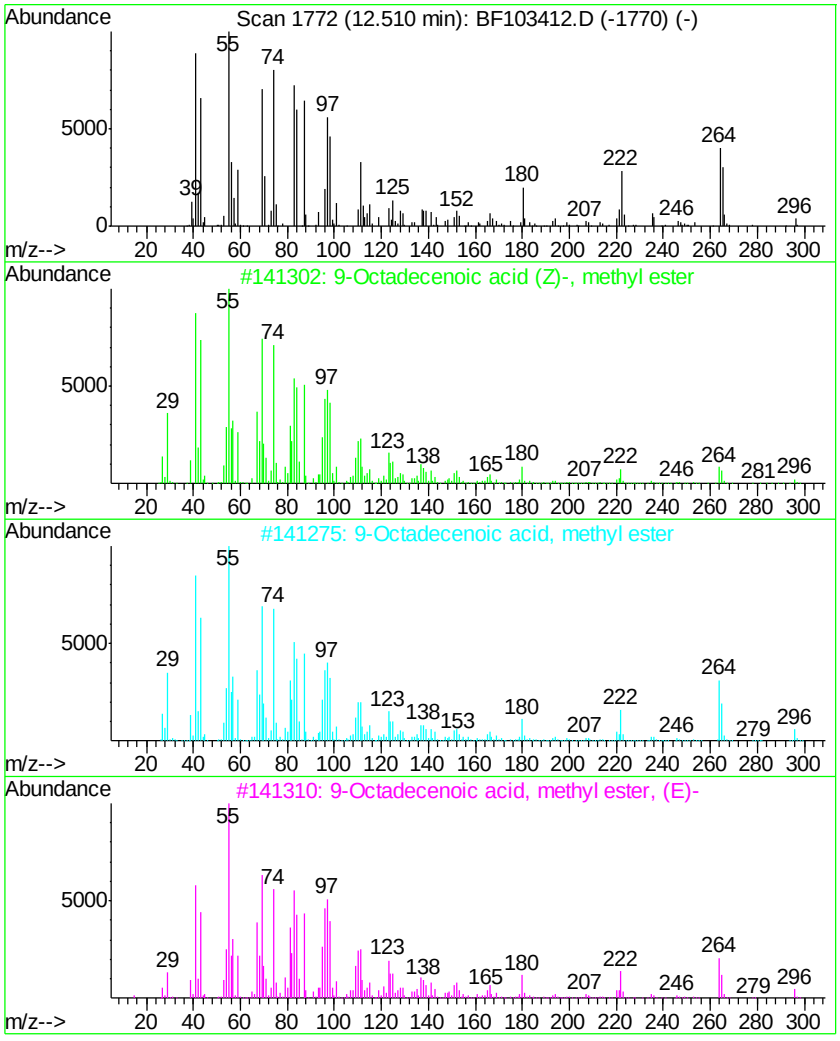
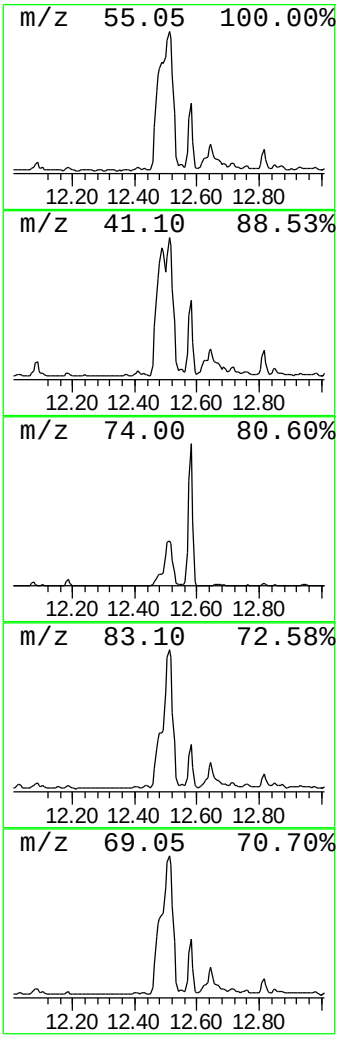
Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	197.96 ng	7303910	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	89
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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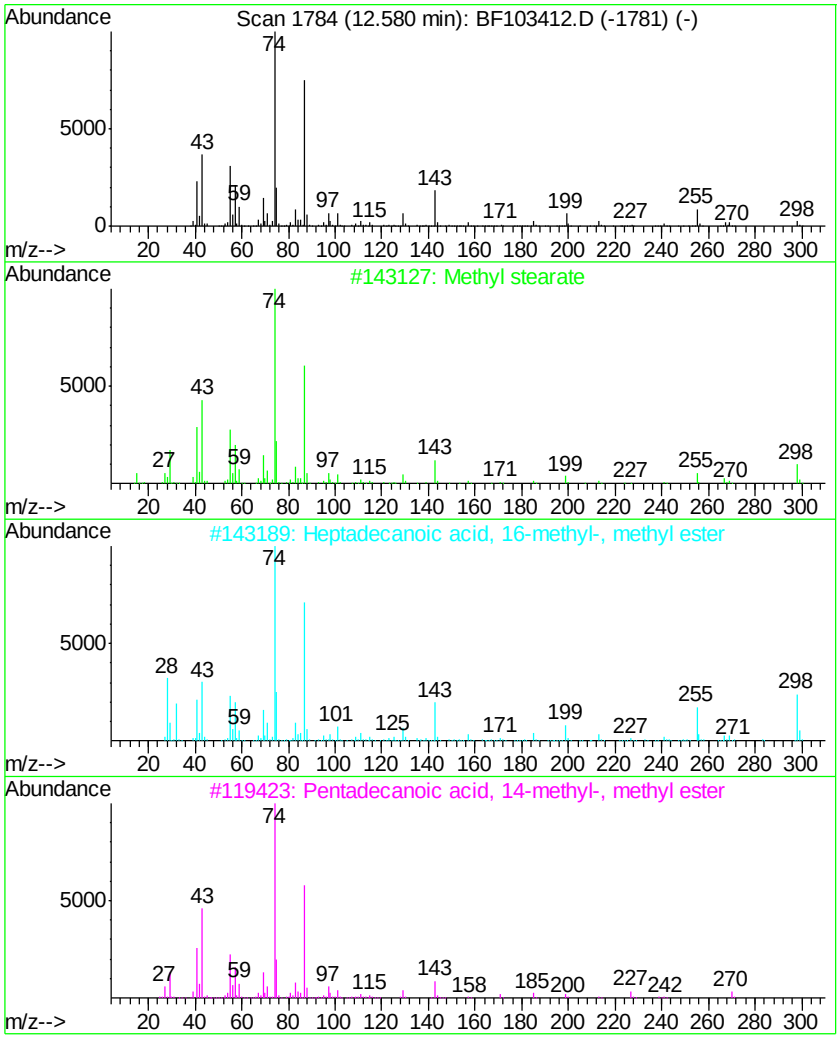
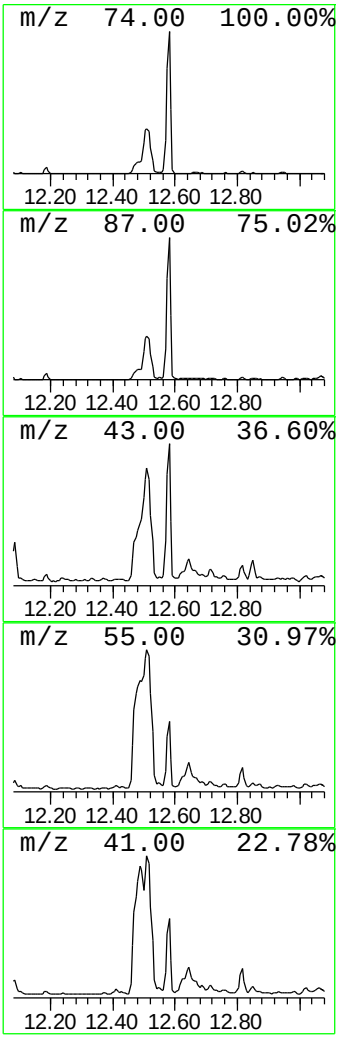
Peak Number 12 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	76.31 ng	2815400	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





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Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

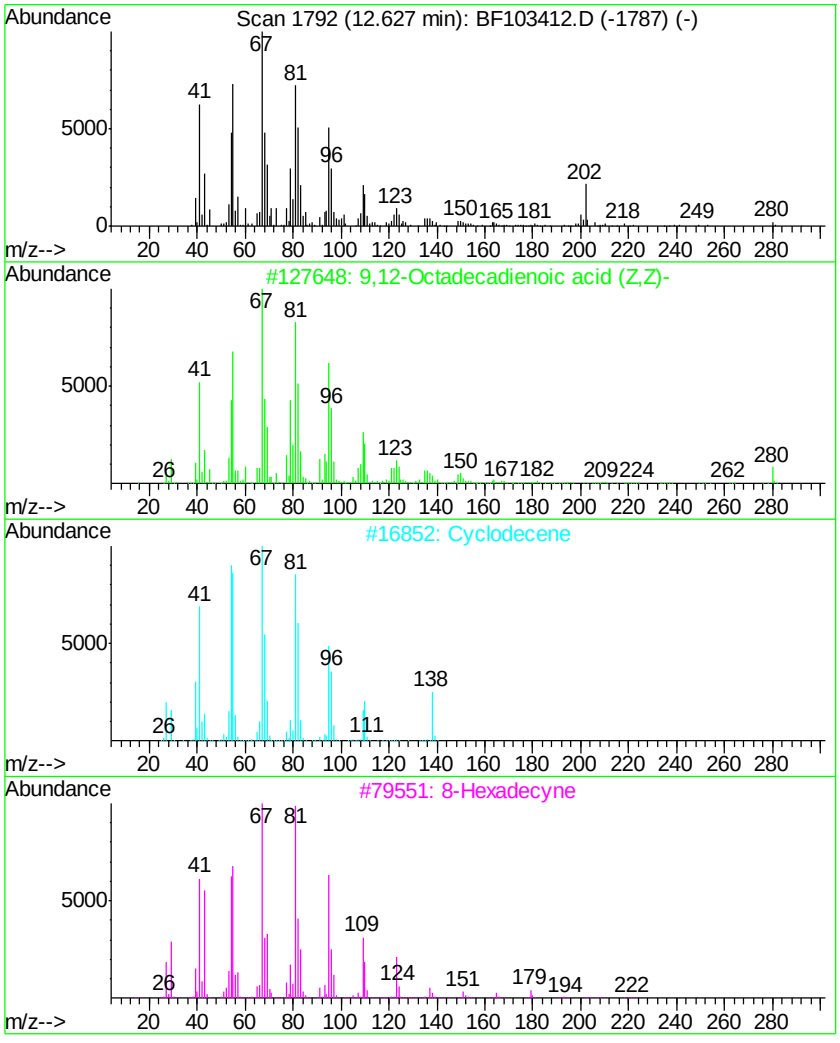
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

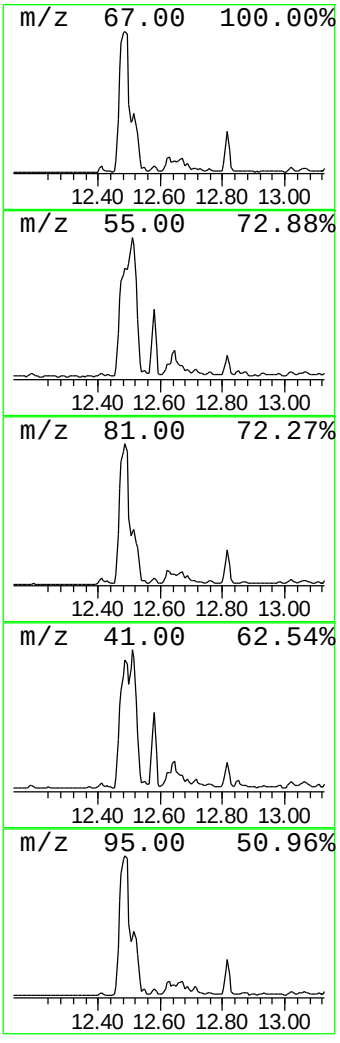
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	15.25 ng	562579	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Cyclodecene	138	C10H18	003618-12-0	91
3	8-Hexadecyne	222	C16H30	019781-86-3	89
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	86
5	1-Tetradecyne	194	C14H26	000765-10-6	72





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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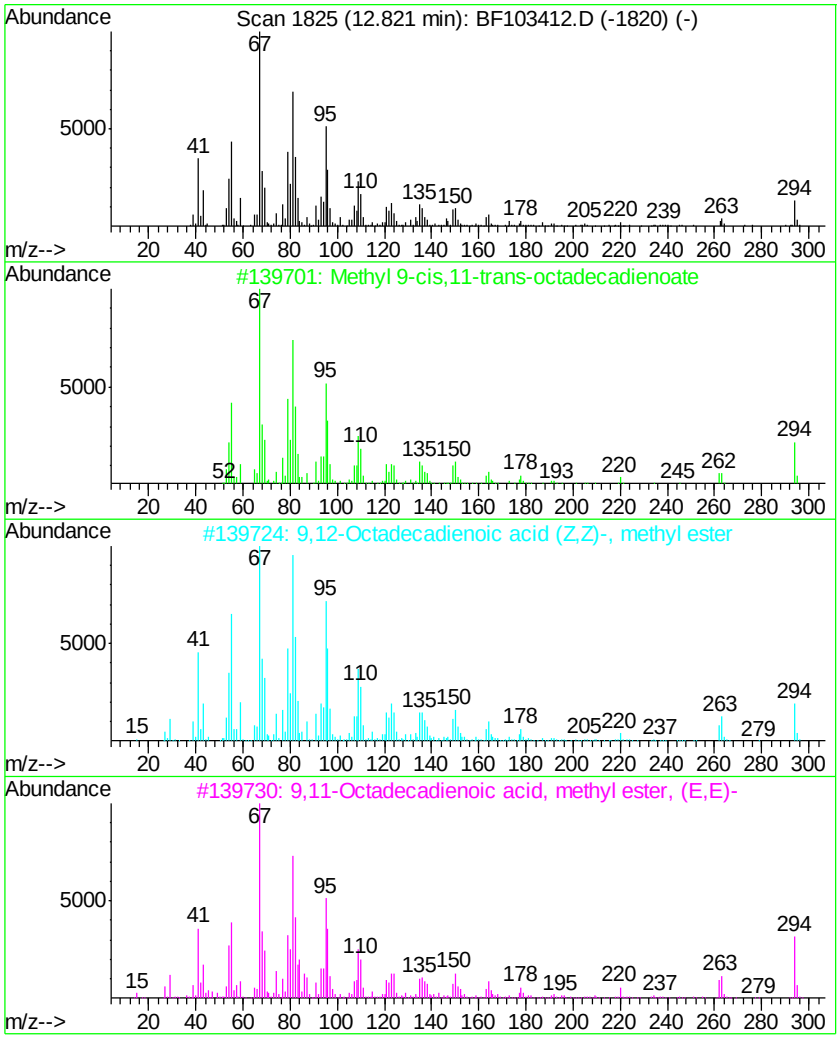
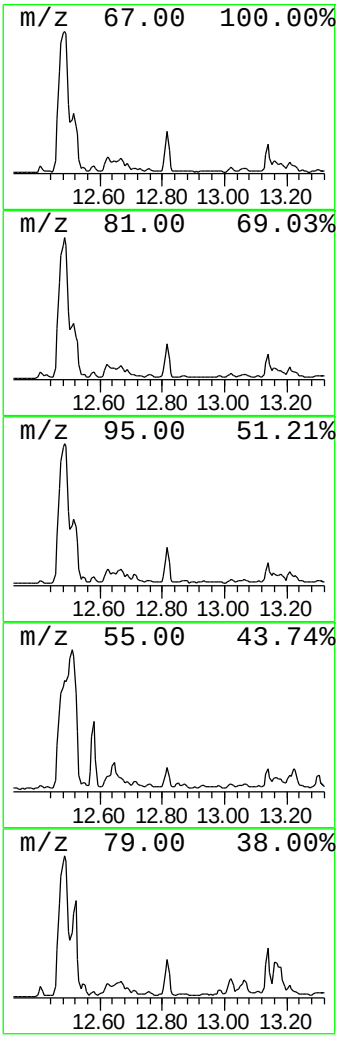
Peak Number 14 Methyl 9-cis,11-trans-octad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	31.45 ng	1052420	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	94
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	93
5	6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	92





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Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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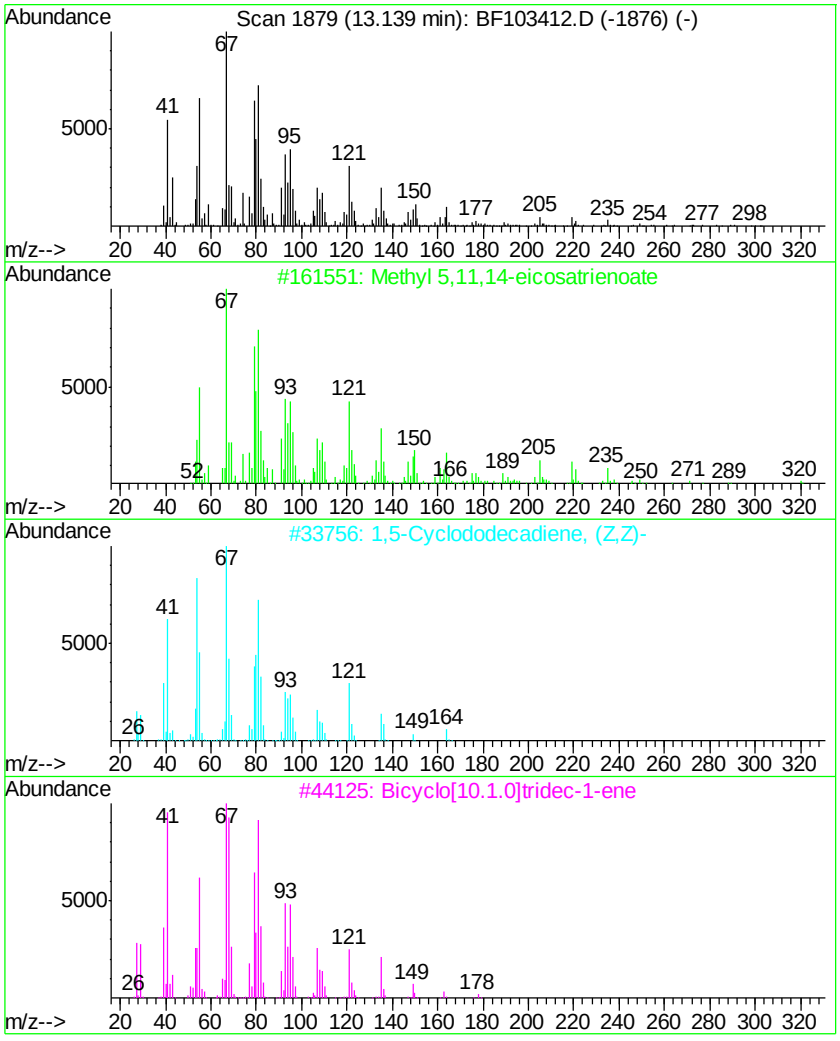
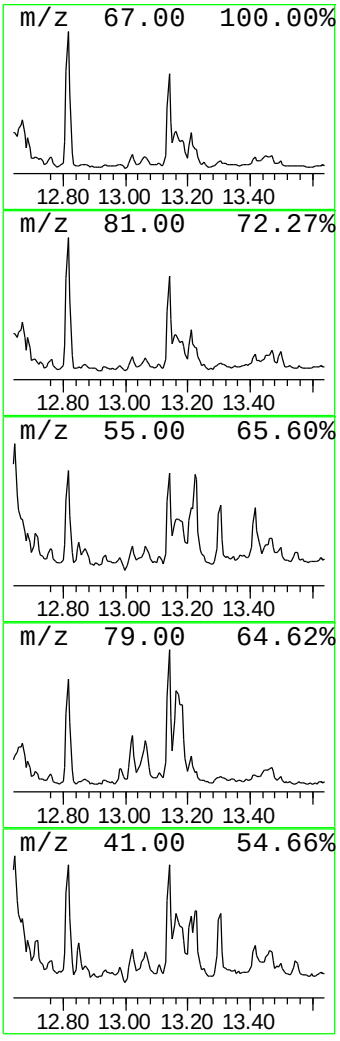
Peak Number 15 Methyl 5,11,14-eicosatrienoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	27.95 ng	935247	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
2	1,5-Cyclododecadiene, (Z,Z)-	164	C12H20	031821-17-7	87
3	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	86
4	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	81
5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	55





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Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

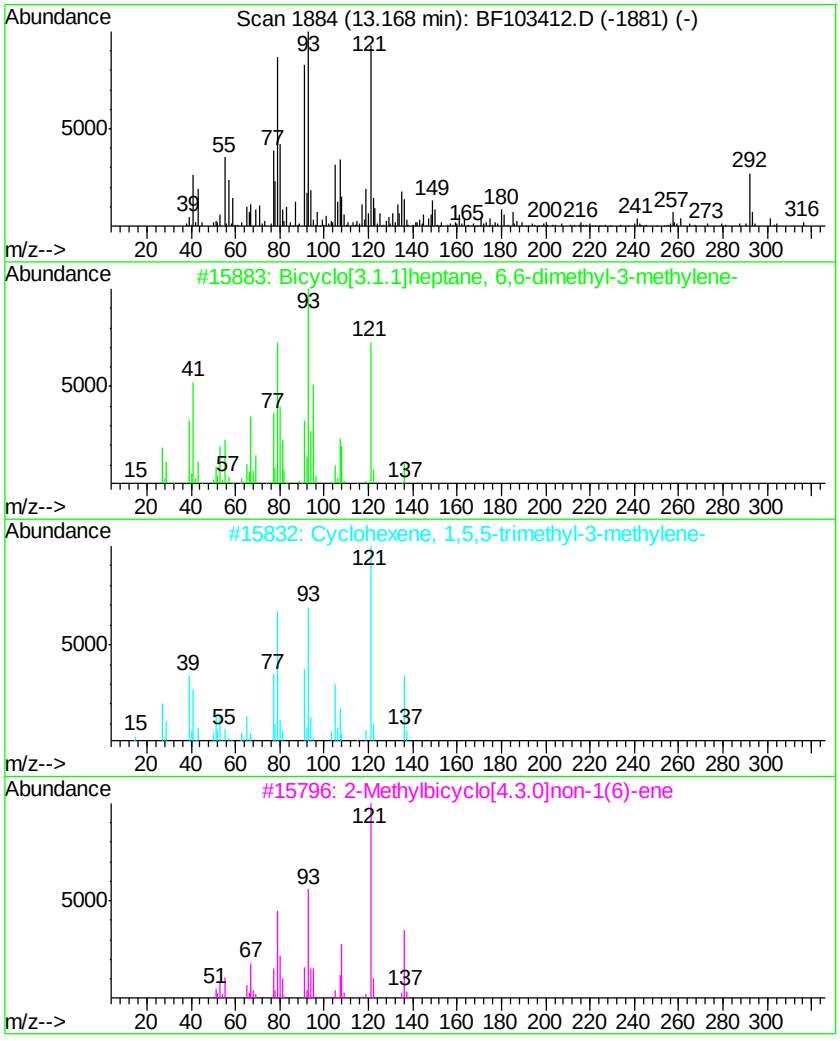
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

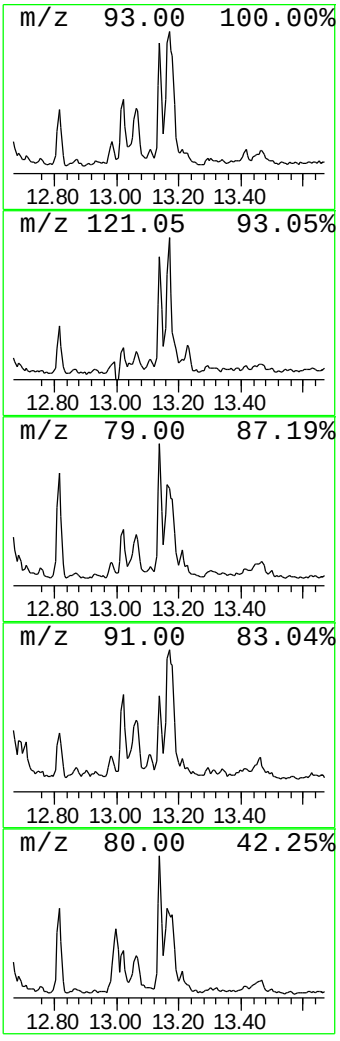
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	38.33 ng	1282690	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	87
2	Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	81
3	2-Methylbicyclo[4.3.0]non-1(6)-ene	136	C10H16	060223-07-6	80
4	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	70
5	Santolina triene	136	C10H16	002153-66-4	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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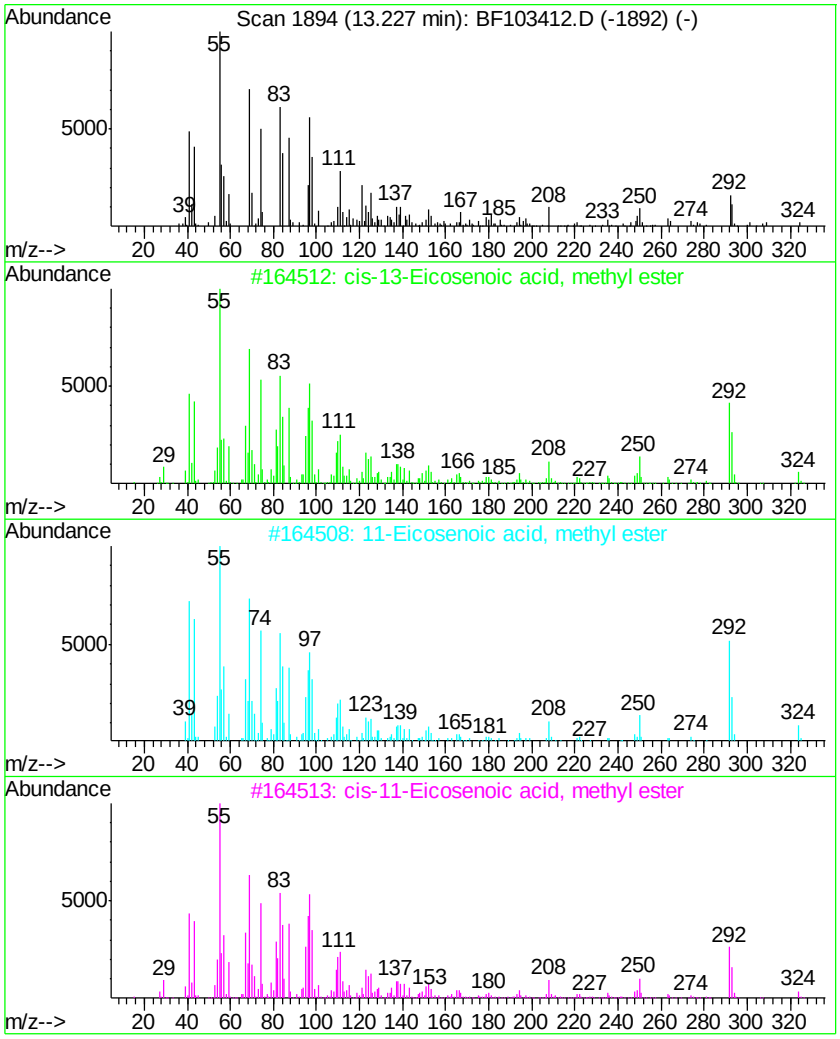
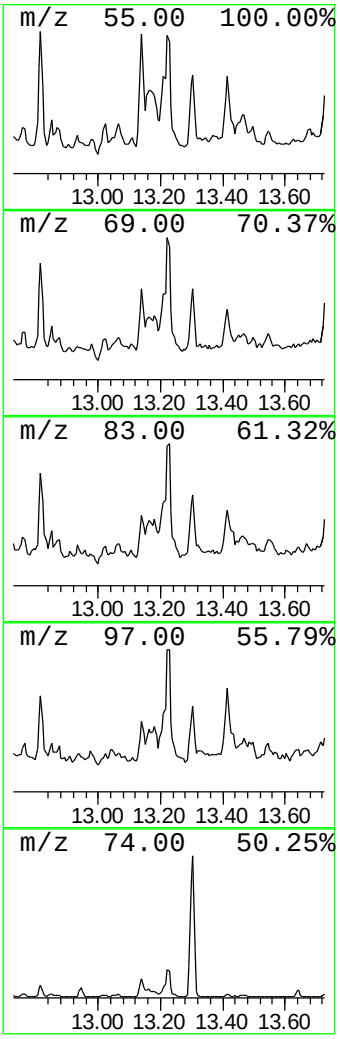
Peak Number 17 cis-13-Eicosenoic acid, met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	19.18 ng	641957	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	93
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
3	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	89
4	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	59
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	38





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Instrument : BNA_F
ClientSampleId : JC-02-030118-I

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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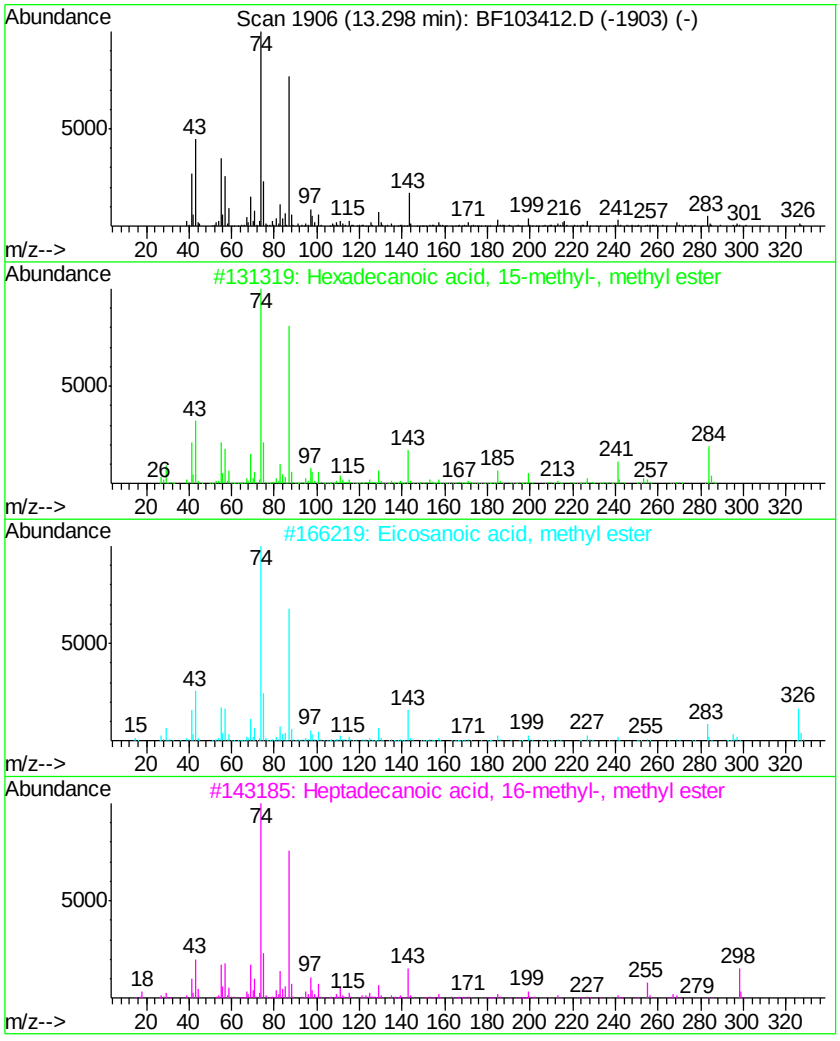
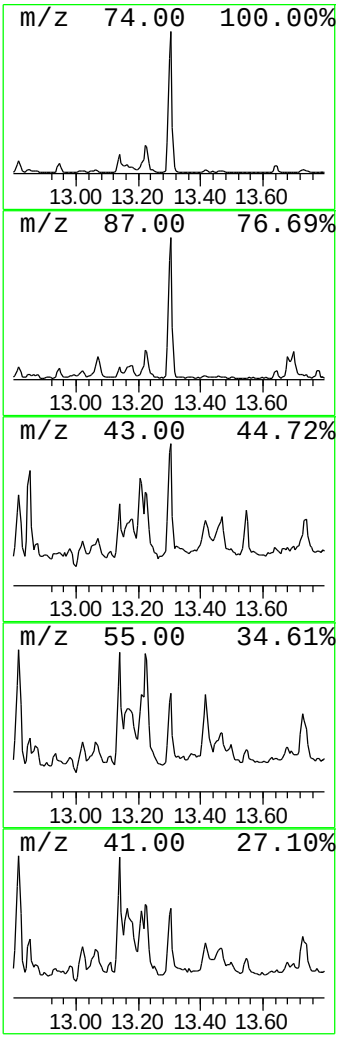
Peak Number 18 Hexadecanoic acid, 15-methy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	21.21 ng	709863	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Methyl stearate	298	C19H38O2	000112-61-8	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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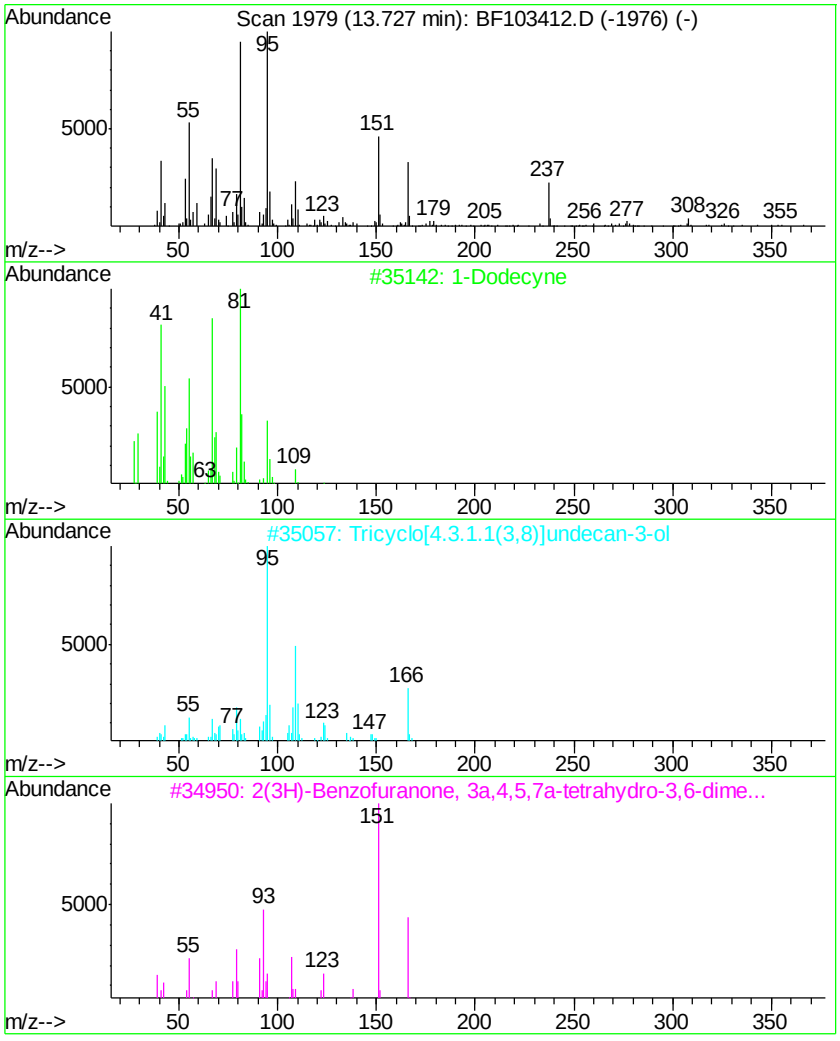
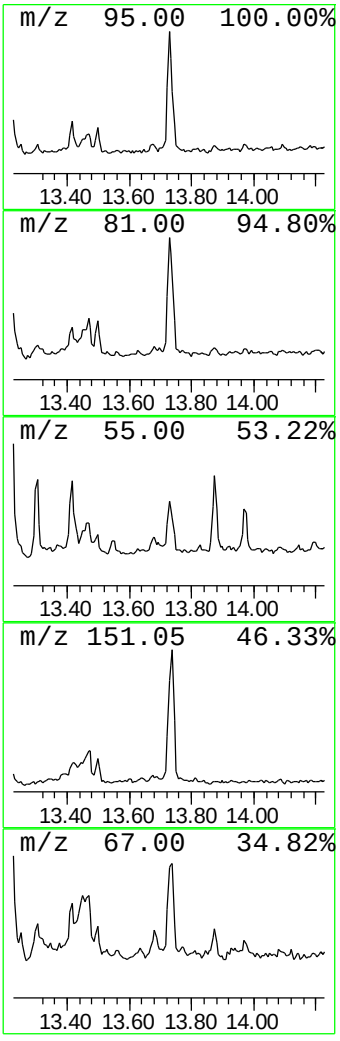
Peak Number 19 unknown13.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	15.69 ng	525018	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecyne	166	C12H22	000765-03-7	35
2	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	35
3	2(3H)-Benzofuranone, 3a,4,5,7a-t...	166	C10H14O2	1000360-45-0	25
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	18
5	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	18





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TIC Library : C:\DATABASE\NIST11.L
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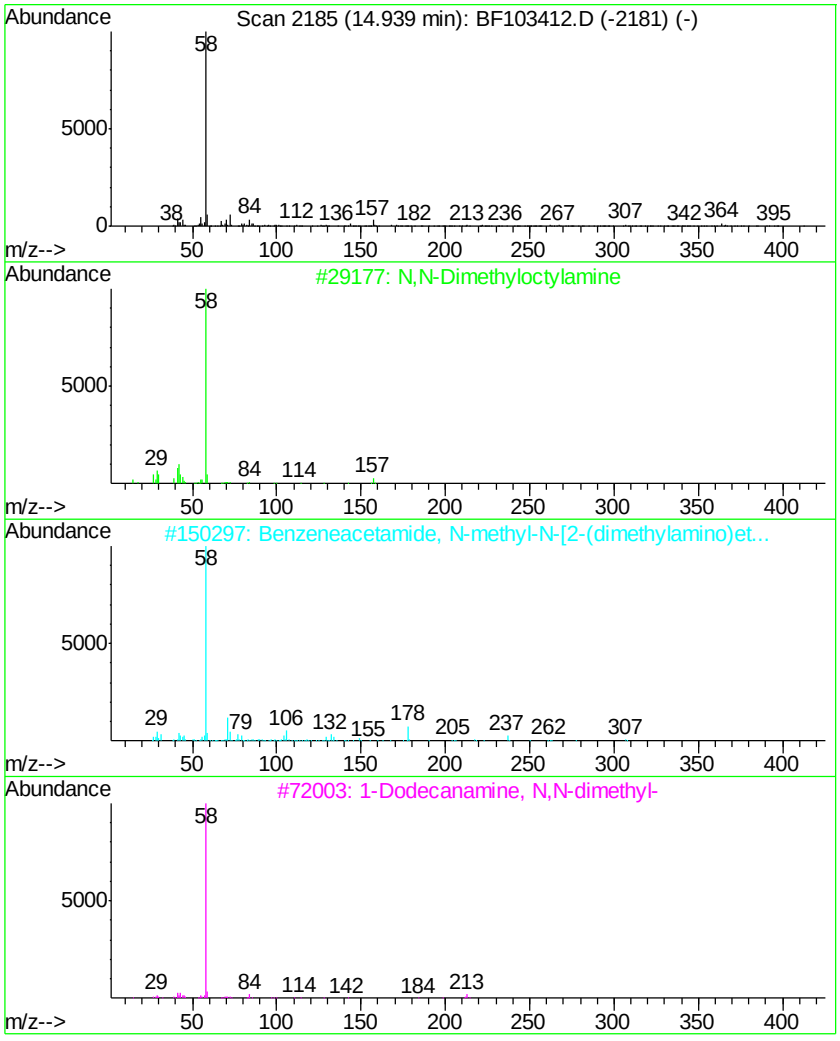
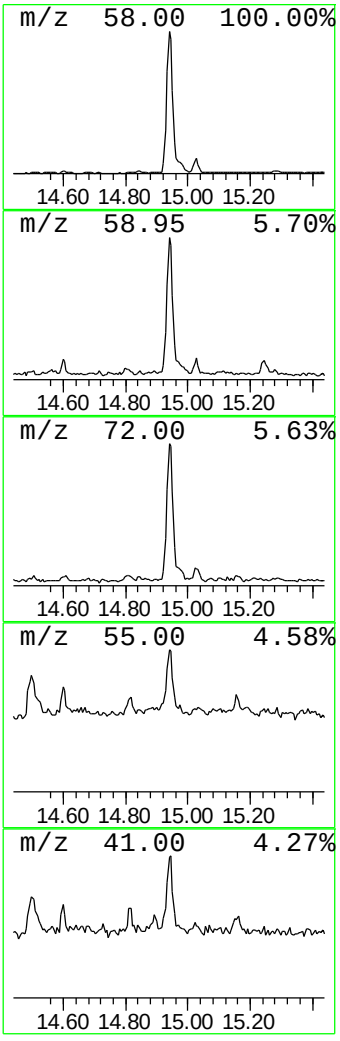
Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	48.13 ng	879978	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	Benzeneacetamide, N-methyl-N-[2-...	307	C16H25N3O3	1000193-49-1	72
3	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
4	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
5	2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103412.D
Acq On : 5 Mar 2018 16:23
Operator : SJ/JU
Sample : J1751-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-I

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	88.7	ng	3378930	1	6.87	761560	20.0
Tetradecane	9.30	14.9	ng	624389	3	9.92	835444	20.0
Heptadecane	10.80	25.7	ng	947524	4	11.41	737923	20.0
Hexadecanoic acid...	11.79	144.5	ng	5331700	4	11.41	737923	20.0
n-Hexadecanoic acid	11.93	16.9	ng	624965	4	11.41	737923	20.0
Nonadecane, 9-met...	12.09	15.2	ng	560539	4	11.41	737923	20.0
9,12-Octadecadien...	12.49	283.3	ng	10451000	4	11.41	737923	20.0
9-Octadecenoic ac...	12.51	198.0	ng	7303910	4	11.41	737923	20.0
Methyl stearate	12.58	76.3	ng	2815400	4	11.41	737923	20.0
9,12-Octadecadien...	12.63	15.3	ng	562579	4	11.41	737923	20.0
Methyl 9-cis,11-t...	12.82	31.4	ng	1052420	5	14.07	669270	20.0
Methyl 5,11,14-ei...	13.14	27.9	ng	935247	5	14.07	669270	20.0
Bicyclo[3.1.1]hep...	13.17	38.3	ng	1282690	5	14.07	669270	20.0
cis-13-Eicosenoic...	13.23	19.2	ng	641957	5	14.07	669270	20.0
Hexadecanoic acid...	13.30	21.2	ng	709863	5	14.07	669270	20.0
unknown13.73	13.73	15.7	ng	525018	5	14.07	669270	20.0
N,N-Dimethyloctyl...	14.94	48.1	ng	879978	6	15.58	365676	20.0