LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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	2.316	33	39	46	rVB	121497	164340	1.89%	0.267%
2	5.222	529	533	540	rBV	127545	159444	1.83%	0.259%
3	5.598	592	597	601	rBV	2890027	3192834	36.73%	5.185%
4	6.598	761	767	770	rBV	2892447	3259643	37.50%	5.293%
5	6.745	787	792	795	rBV	3407111	3292286	37.87%	5.346%
6	6.975	827	831	834	rBV	934770	810674	9.33%	1.316%
7	7.128	853	857	861	rBV	2637814	2531655	29.12%	4.111%
8	7.540	922	927	934	rVB	2070425	2184959	25.13%	3.548%
9	8.222	1040	1043	1045	rBV	233387	206256	2.37%	0.335%
10	8.257	1045	1049	1051	rVV	1184801	1143926	13.16%	1.858%
11	8.275	1051	1052	1054	rVV	402782	251042	2.89%	0.408%
12	8.298	1054	1056	1059	rVV	121831	99797	1.15%	0.162%
13	8.534	1093	1096	1100	rVB4	96327	112376	1.29%	0.182%
14	8.751	1130	1133	1136	rBV	121698	110247	1.27%	0.179%
15	8.828	1141	1146	1151	rBV	328849	303355	3.49%	0.493%
16	8.963	1167	1169	1173	rVB	138497	123901	1.43%	0.201%
17	9.069	1184	1187	1190	rBV2	167842	149544	1.72%	0.243%
18	9.192	1205	1208	1211	rBV2	107426	103875	1.19%	0.169%
19	9.328	1226	1231	1235	rBV	3642438	3431076	39.47%	5.572%
20	9.398	1240	1243	1246	rVV	363303	336406	3.87%	0.546%
21	9.586	1272	1275	1281	rVB4	74001	109131	1.26%	0.177%
22	9.669	1281	1289	1291	rBV4	114773	215282	2.48%	0.350%
23	9.716	1294	1297	1305	rVB	364346	412289	4.74%	0.670%
24	9.775	1305	1307	1311	rBV2	63667	93864	1.08%	0.152%
25	9.875	1317	1324	1327	rBV3	67170	95944	1.10%	0.156%
26	9.928	1327	1333	1337	rVV	518348	422225	4.86%	0.686%
27	10.016	1344	1348	1351	rVV	1192249	1049698	12.08%	1.705%
28	10.045	1351	1353	1356	rVB	184627	140342	1.61%	0.228%
29	10.216	1379	1382	1385	rVV2	188980	170587	1.96%	0.277%
30	10.251	1385	1388	1392	rVV4	97337	120031	1.38%	0.195%
31	10.428	1412	1418	1421	rBV	546102	452682	5.21%	0.735%
32	10.563	1438	1441	1444	rBV2	242263	197264	2.27%	0.320%
33	10.645	1450	1455	1458	rBV2	175968	223564	2.57%	0.363%
34	10.804	1478	1482	1486	rBV	1990377	1991871	22.91%	3.235%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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	10.898	1495	1498	1508	rVB	434775	568998	6.55%	0.924%
36	11.351	1572	1575	1577	rBV	373664	287881	3.31%	0.467%
37	11.380	1577	1580	1582	rVV	138081	138472	1.59%	0.225%
38	11.510	1598	1602	1604	rBV	1054518	1065385	12.26%	1.730%
39	11.533	1604	1606	1609	rVV	895278	713563	8.21%	1.159%
40	11.580	1611	1614	1619	rVB	252805	213273	2.45%	0.346%
41	11.733	1637	1640	1644	rVB	99573	89157	1.03%	0.145%
42	11.775	1644	1647	1650	rBV	219777	197508	2.27%	0.321%
43	11.886	1661	1666	1669	rVB	3849681	3589060	41.29%	5.828%
44	12.016	1684	1688	1690	rBV2	166089	223199	2.57%	0.362%
45	12.033	1690	1691	1696	rVV	142015	122161	1.41%	0.198%
46	12.122	1703	1706	1709	rVV2	168640	186906	2.15%	0.304%
47	12.186	1713	1717	1724	rVB2	210328	243281	2.80%	0.395%
48	12.586	1778	1785	1786	rVV	5592906	8692940	100.00%	14.117%
49	12.604	1786	1788	1793	rVV2	5470611	6399845	73.62%	10.393%
50	12.675	1797	1800	1804	rVB	1760780	1536209	17.67%	2.495%
51	12.727	1804	1809	1812	rBV	765334	763799	8.79%	1.240%
52	12.910	1837	1840	1843	rBV2	261372	259944	2.99%	0.422%
53	12.957	1843	1848	1854	rVB	653050	788219	9.07%	1.280%
54	13.098	1866	1872	1875	rBV	2725407	2495713	28.71%	4.053%
55	13.239	1893	1896	1898	rBV	379025	327975	3.77%	0.533%
56	13.286	1901	1904	1906	rVV	200127	229019	2.63%	0.372%
57	13.310	1906	1908	1909	rVV	168977	155446	1.79%	0.252%
58	13.327	1909	1911	1913	rVV2	204224	180865	2.08%	0.294%
59	13.351	1913	1915	1917	rVB	127522	98485	1.13%	0.160%
60	13.398	1920	1923	1926	rVB2	210681	198332	2.28%	0.322%
61	13.974	2017	2021	2025	rBV2	443280	475609	5.47%	0.772%
62	14.069	2034	2037	2041	rBV2	147448	166415	1.91%	0.270%
63	14.157	2047	2052	2055	rBV2	925995	1093810	12.58%	1.776%
64	14.186	2055	2057	2063	rVB	251241	222744	2.56%	0.362%
65	14.298	2073	2076	2083	rBV4	63174	89712	1.03%	0.146%
66	14.610	2124	2129	2134	rBV7	92832	172370	1.98%	0.280%
67	15.016	2195	2198	2201	rVB	168432	169286	1.95%	0.275%
68	15.063	2202	2206	2215	rVB	204682	336941	3.88%	0.547%
69	15.239	2233	2236	2240	rBV	174168	276965	3.19%	0.450%
70	15.568	2289	2292	2298	rVB	113847	160574	1.85%	0.261%
71	15.633	2299	2303	2309	rBV	162325	235619	2.71%	0.383%

LSC Area Percent Report

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Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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

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Peak separation: 5

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

72	15.704	2310	2315	2319	rBV	579283	751533	8.65%	1.220%

Sum of corrected areas: 61579623

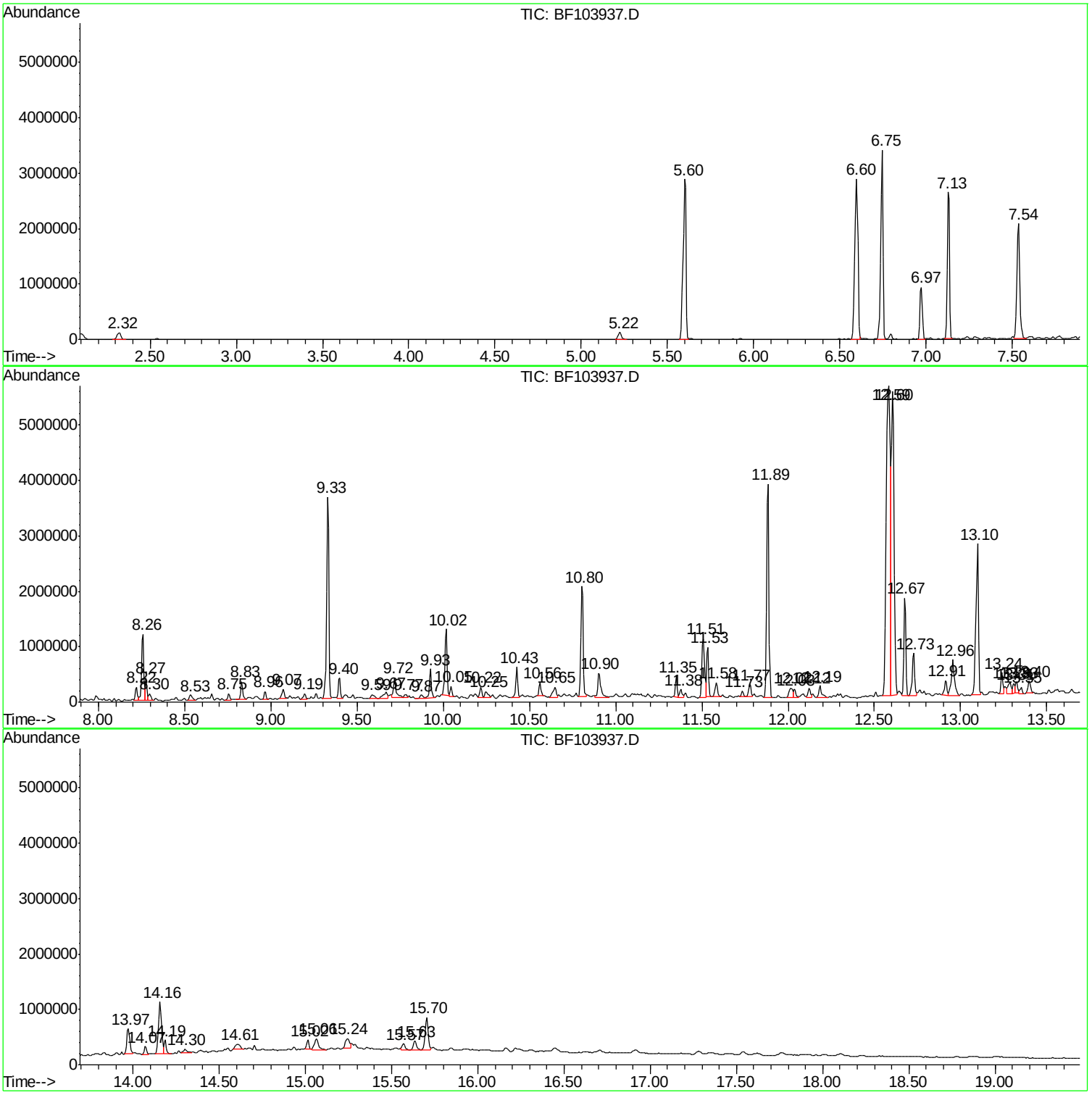
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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

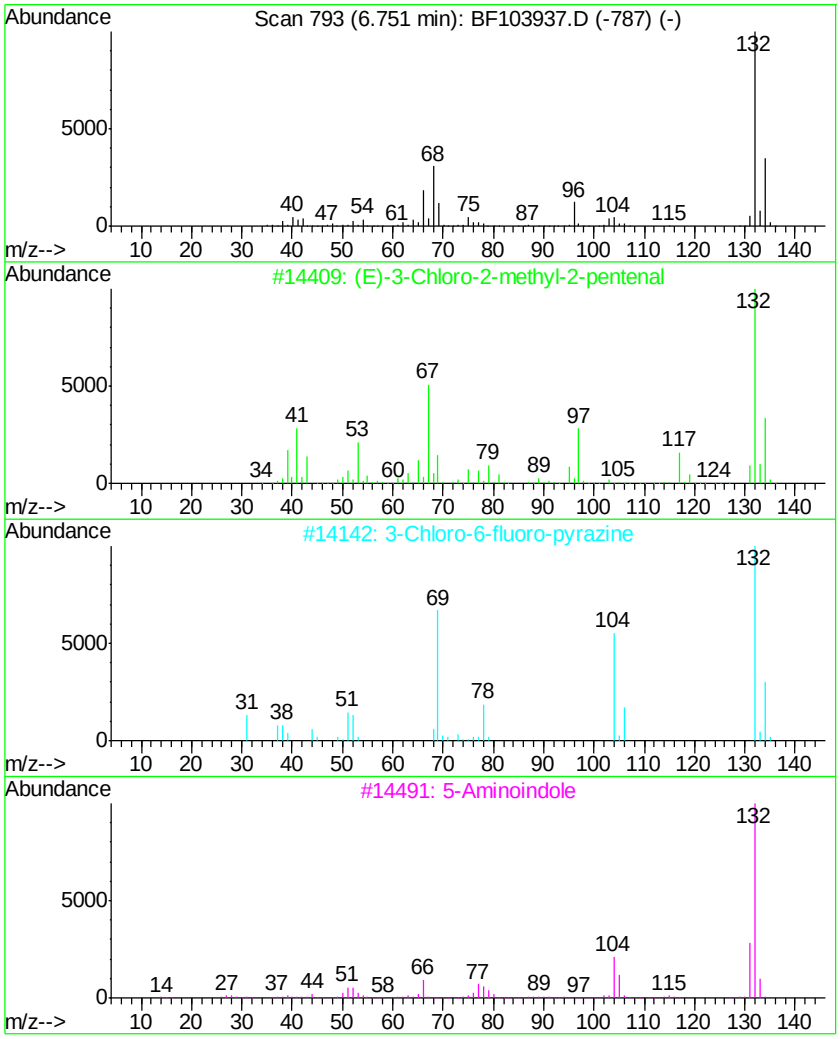
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

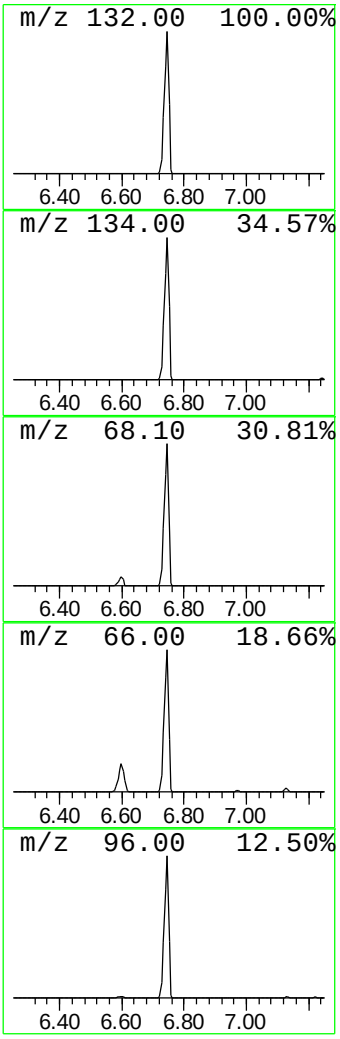
****

Peak Number 1 unknown6.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	81.22 ng	3292290	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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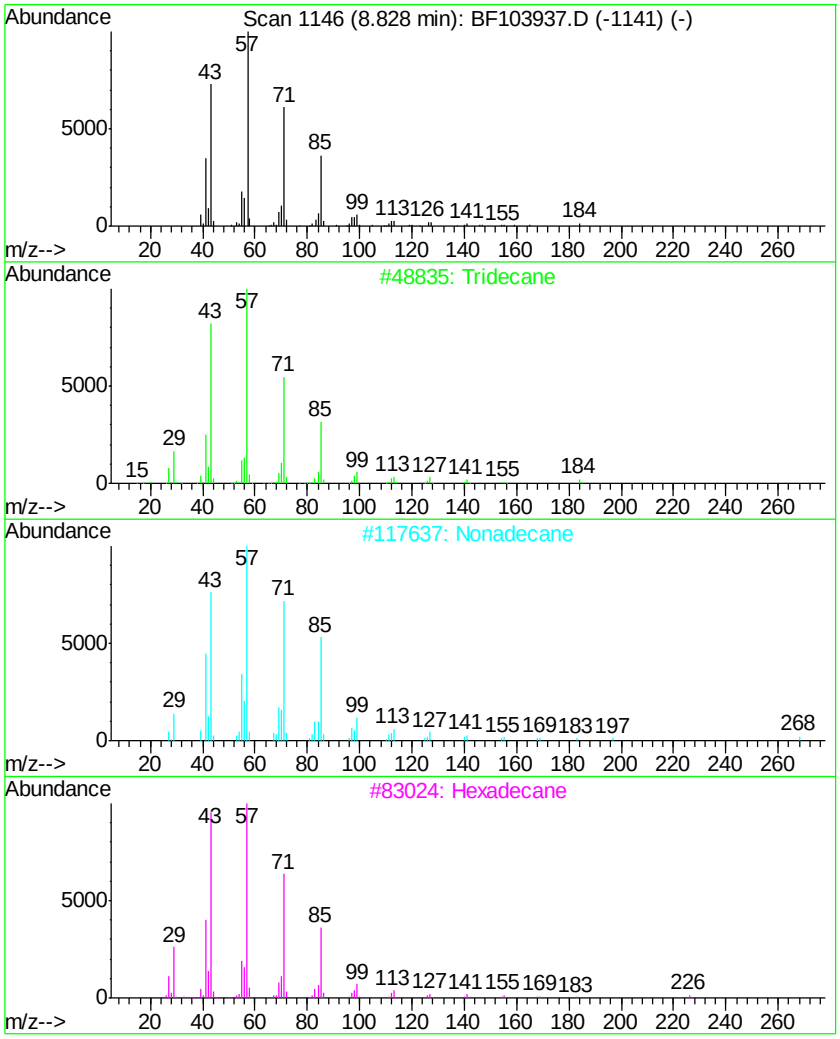
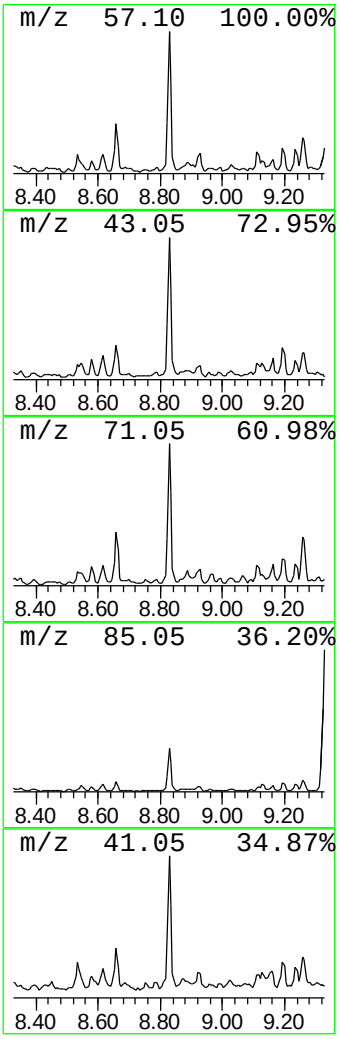
Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	5.30 ng	303355	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Heptadecane	240	C17H36	000629-78-7	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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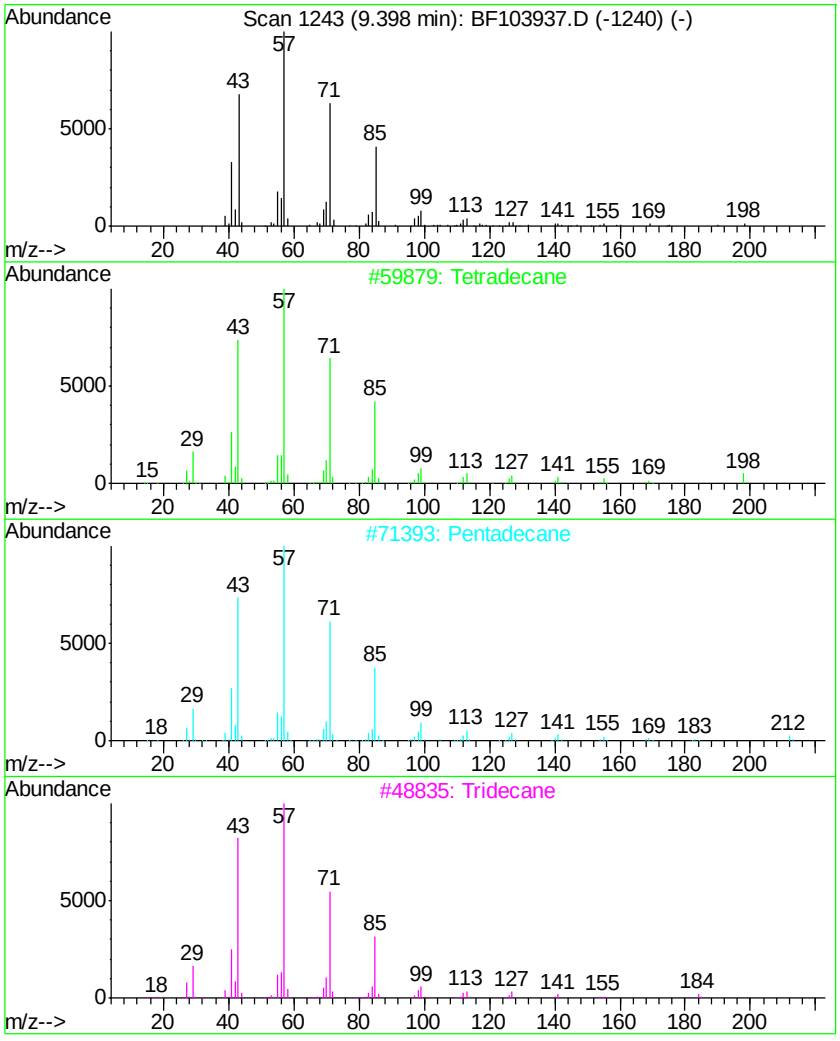
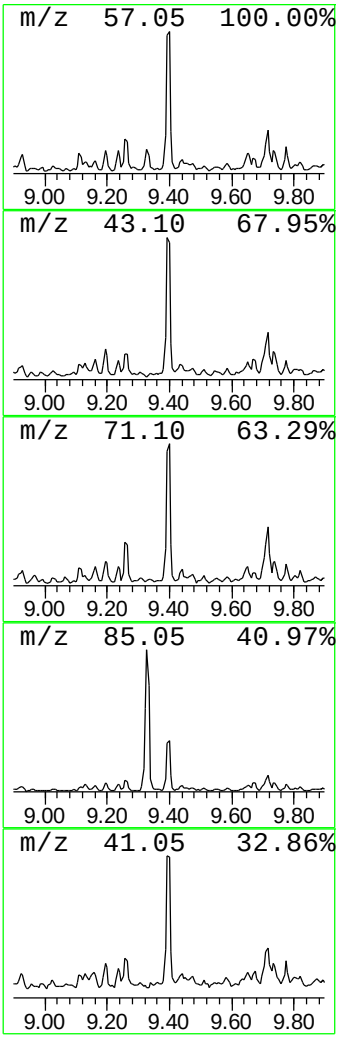
Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	6.41 ng	336406	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
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Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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

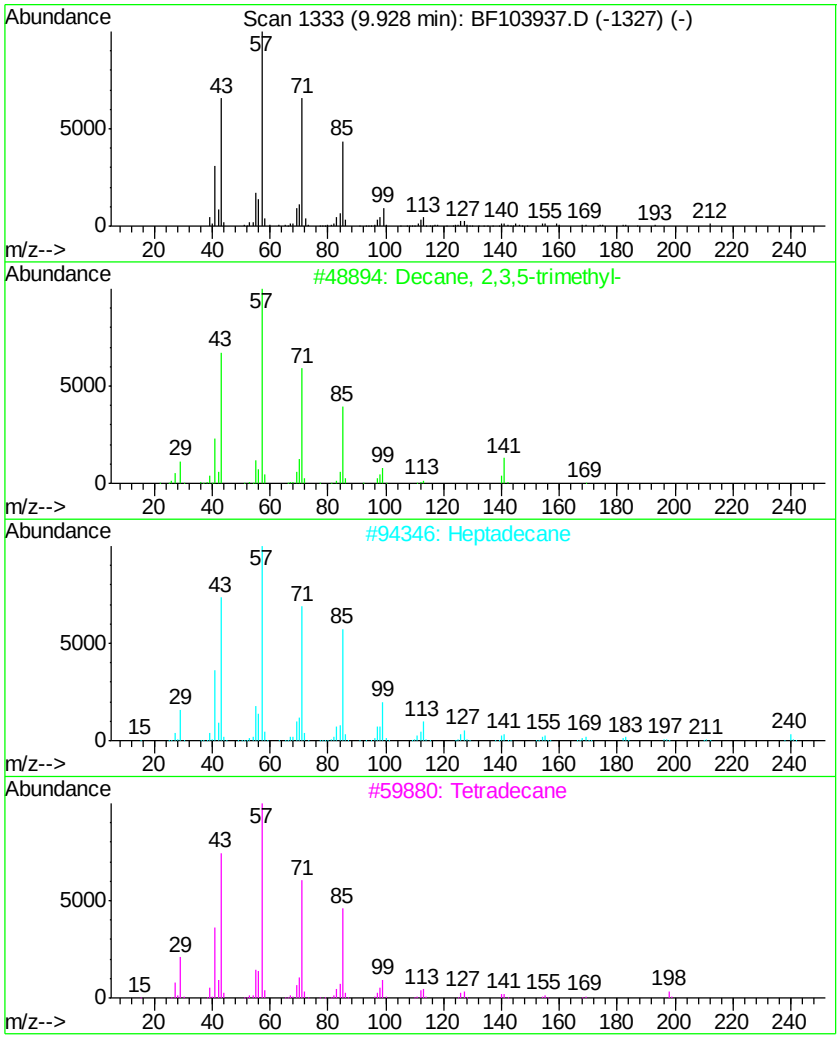
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

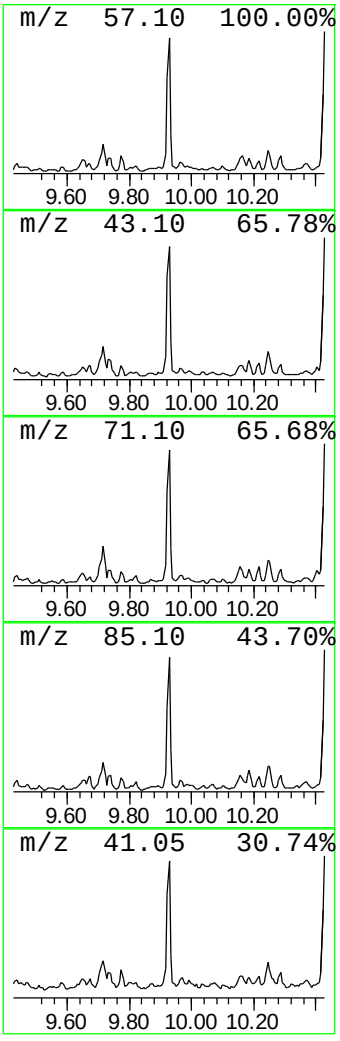
****

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	8.04 ng	422225	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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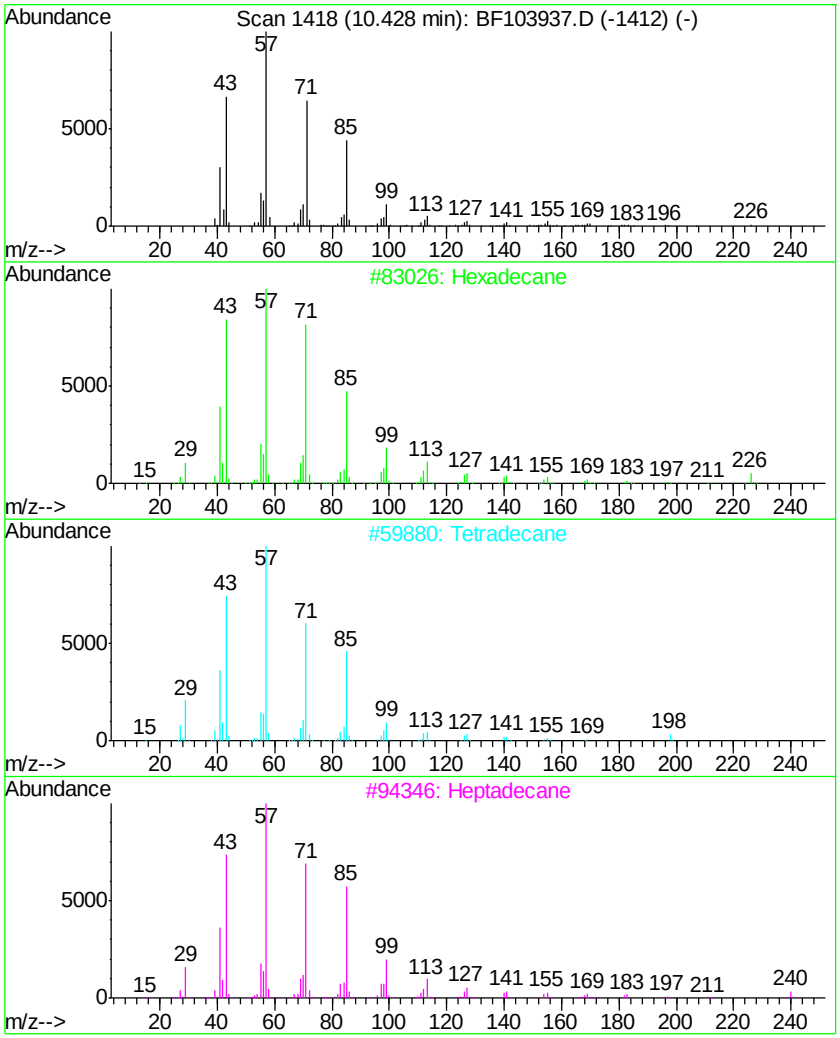
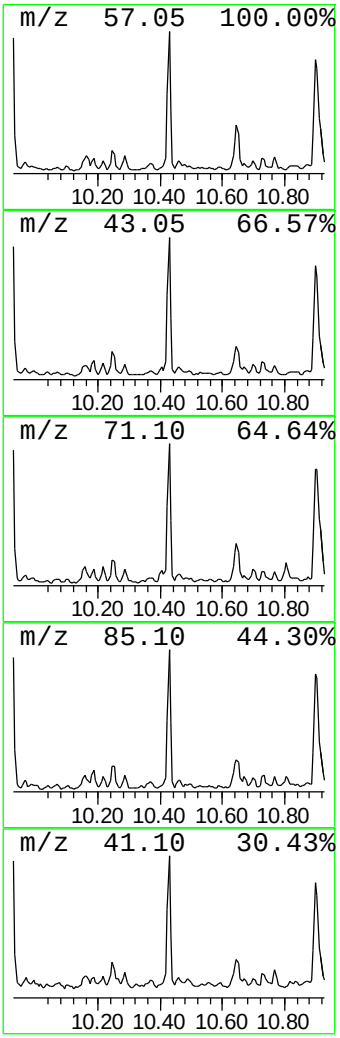
Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	8.62 ng	452682	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
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Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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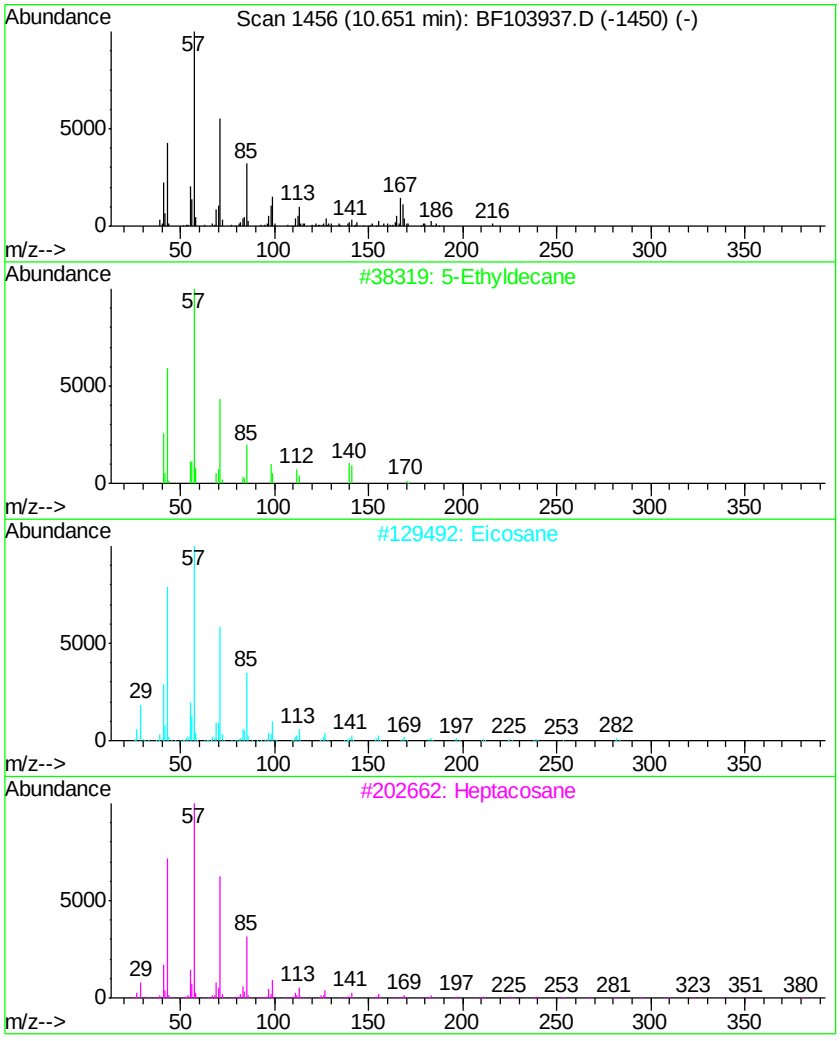
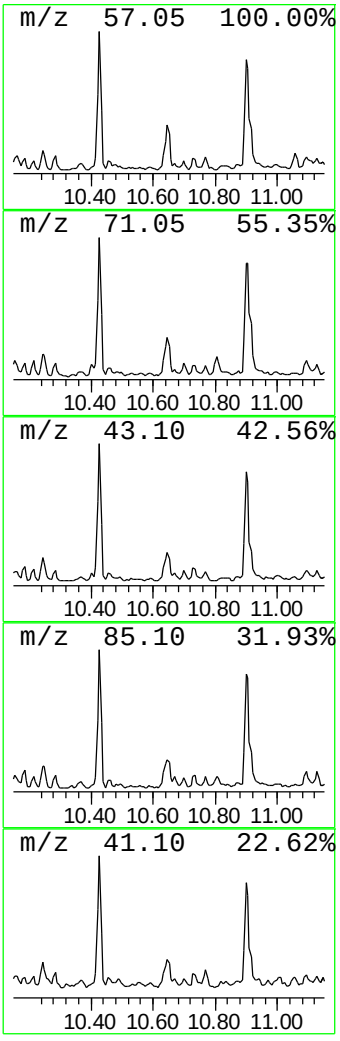
Peak Number 7 5-Ethyldecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.26 ng	223564	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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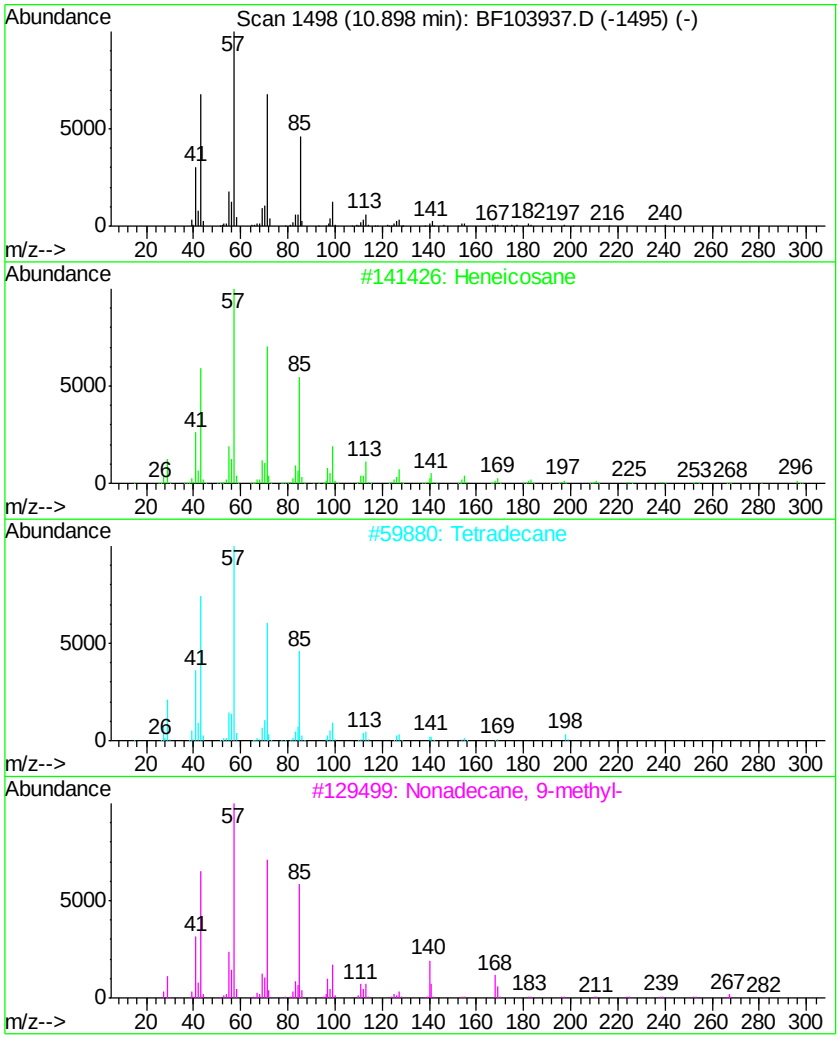
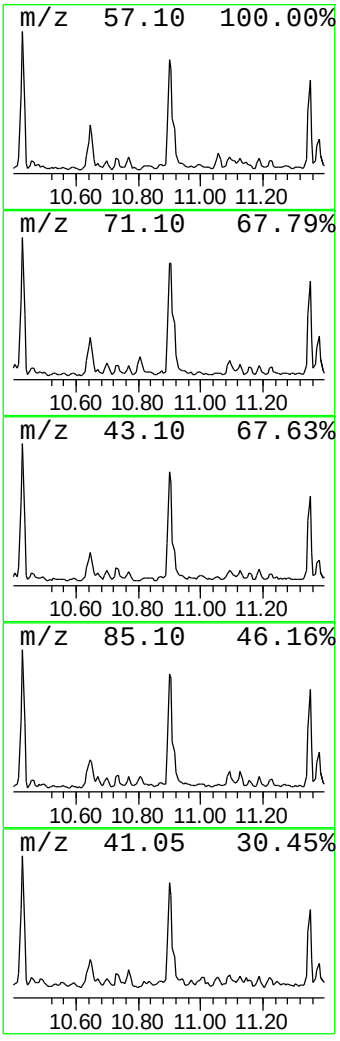
Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	10.68 ng	568998	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Nonadecane	268	C19H40	000629-92-5	86





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Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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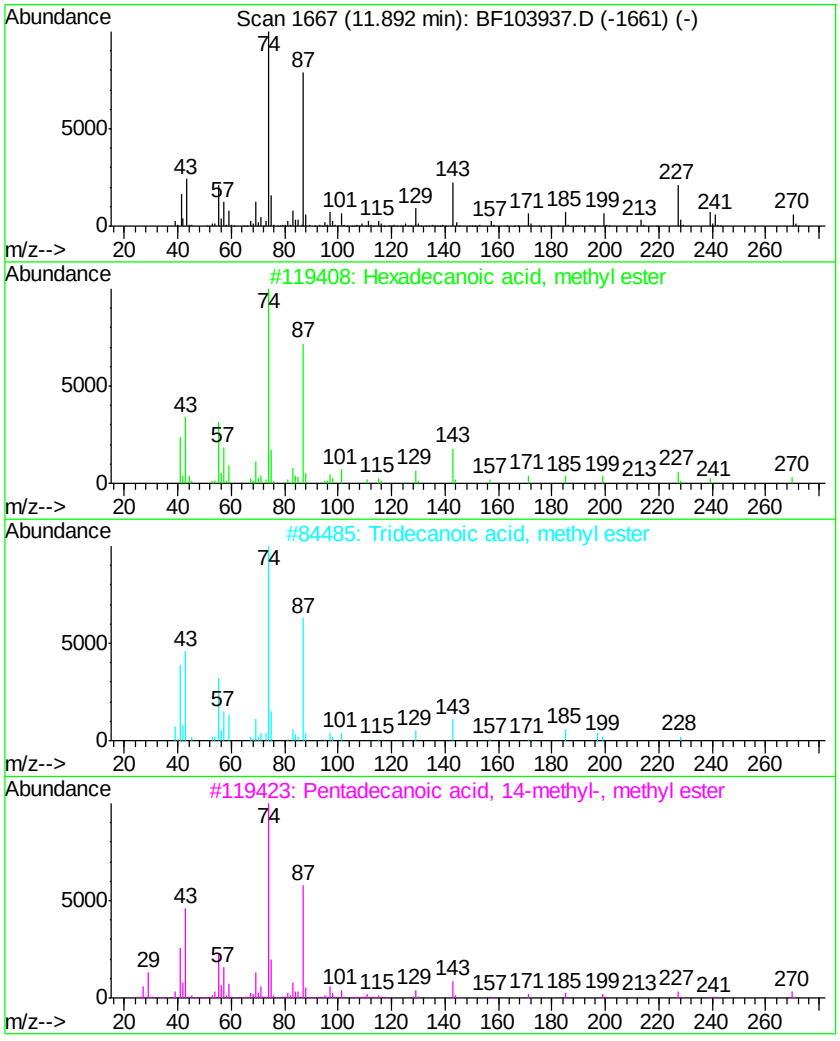
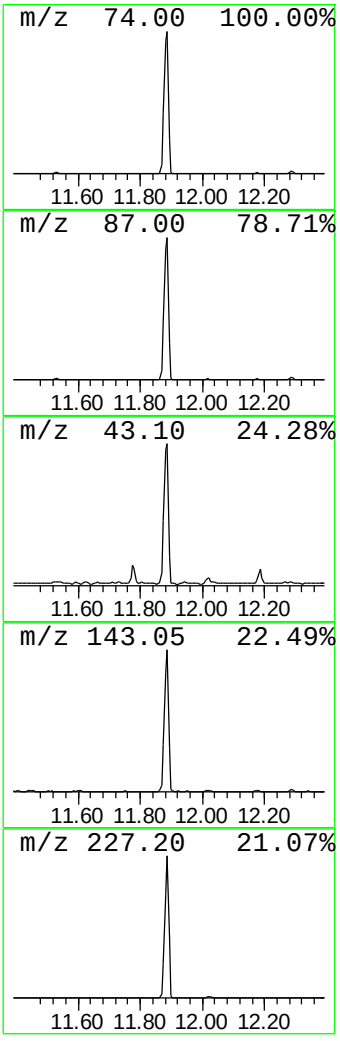
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	67.38 ng	3589060	Phenanthrene-d10	11.51

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	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

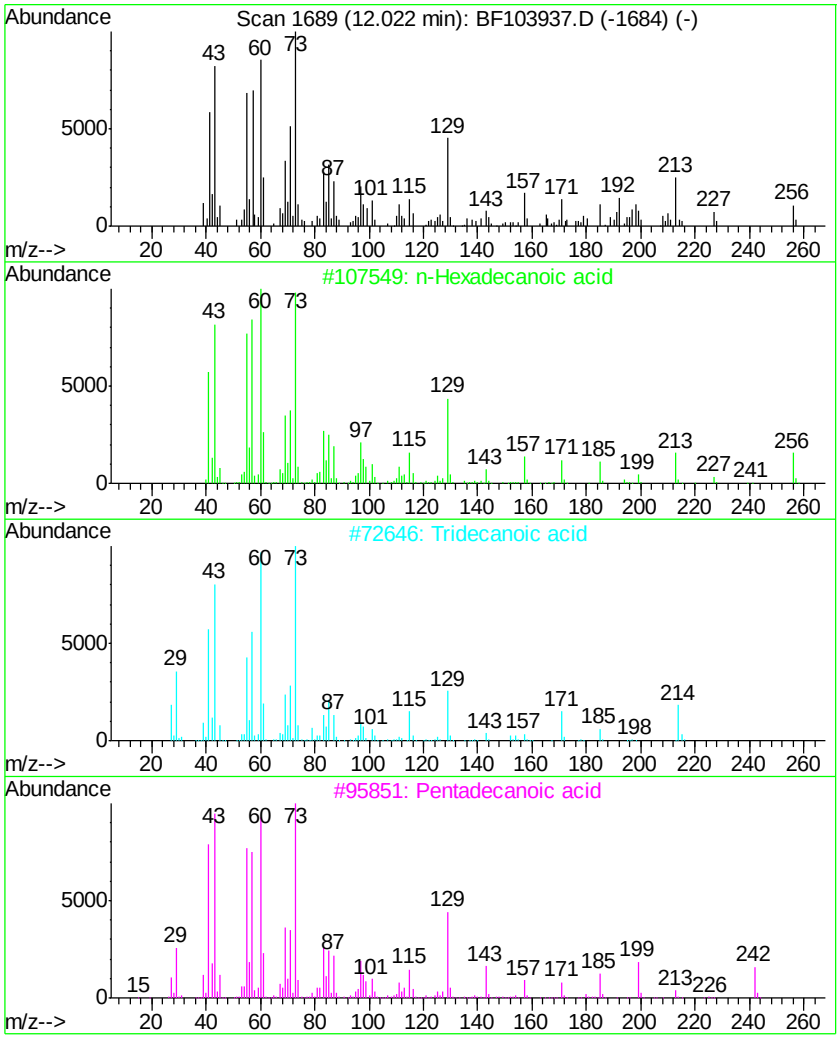
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

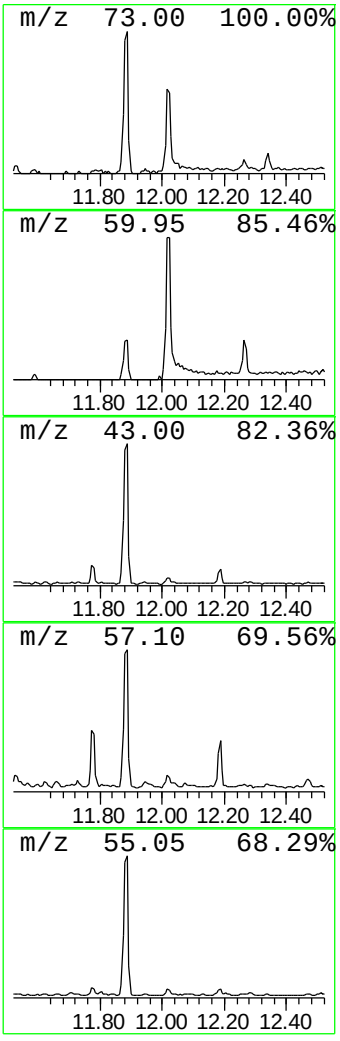
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.19 ng	223199	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	46
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	41
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





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Operator : JU/SJ
Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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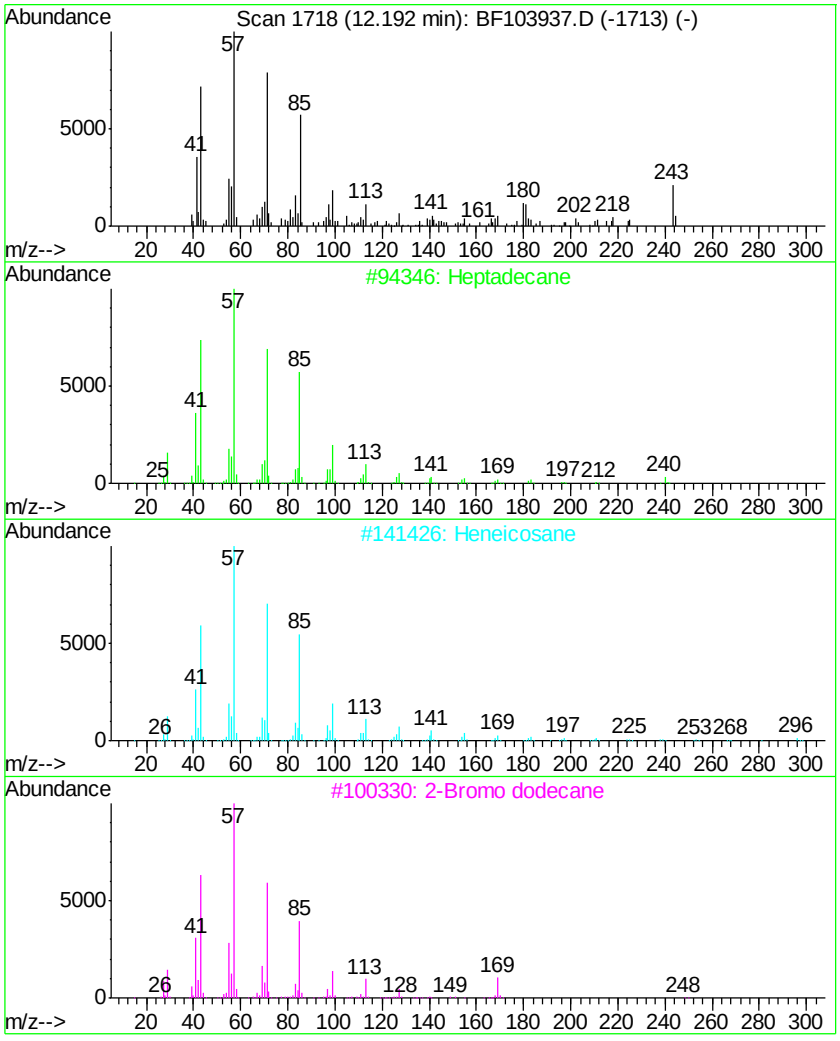
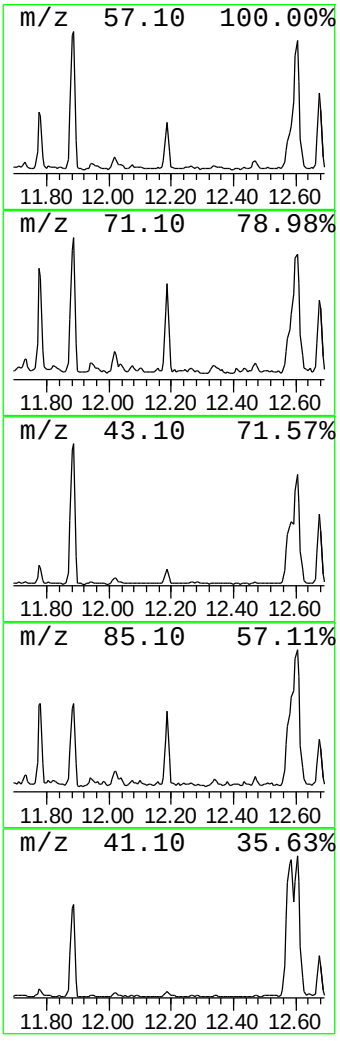
Peak Number 12 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.57 ng	243281	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptacosane	380	C27H56	000593-49-7	74





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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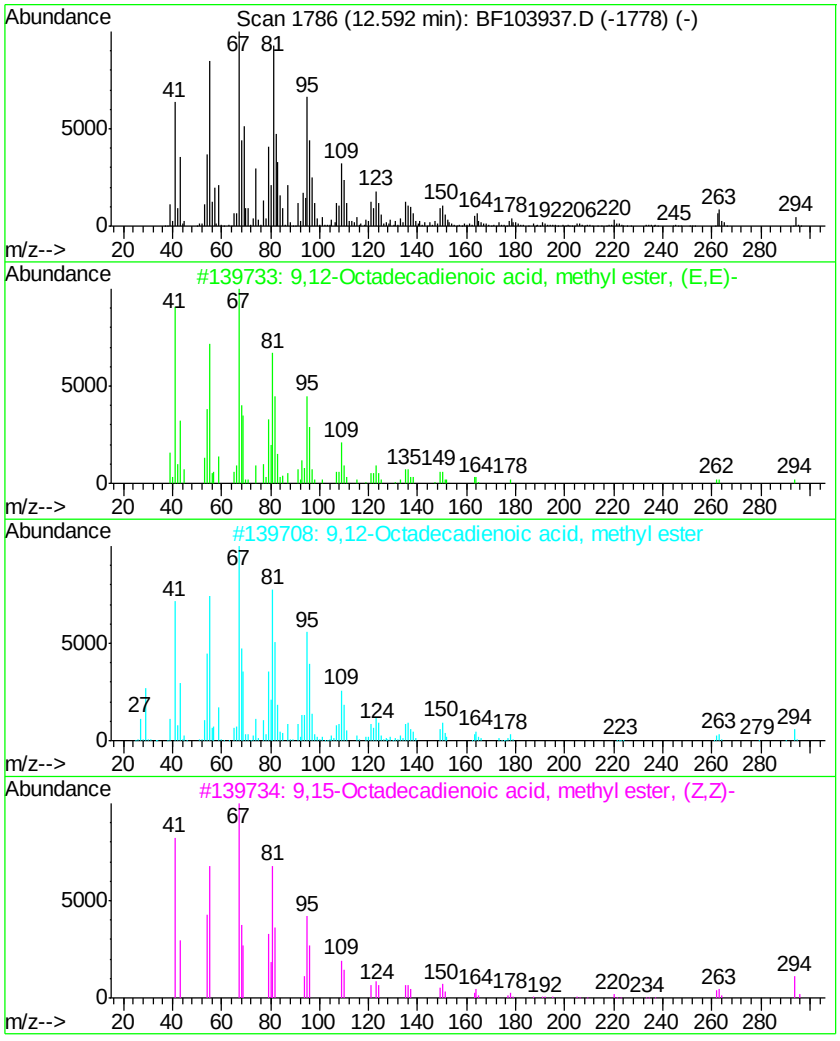
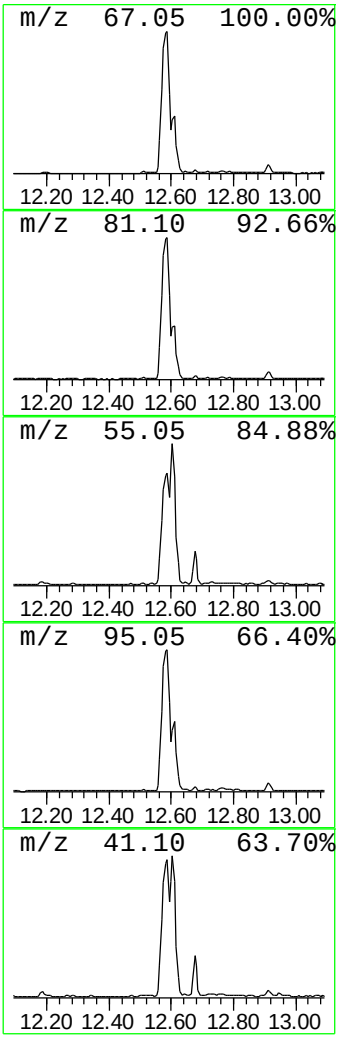
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	163.19 ng	8692940	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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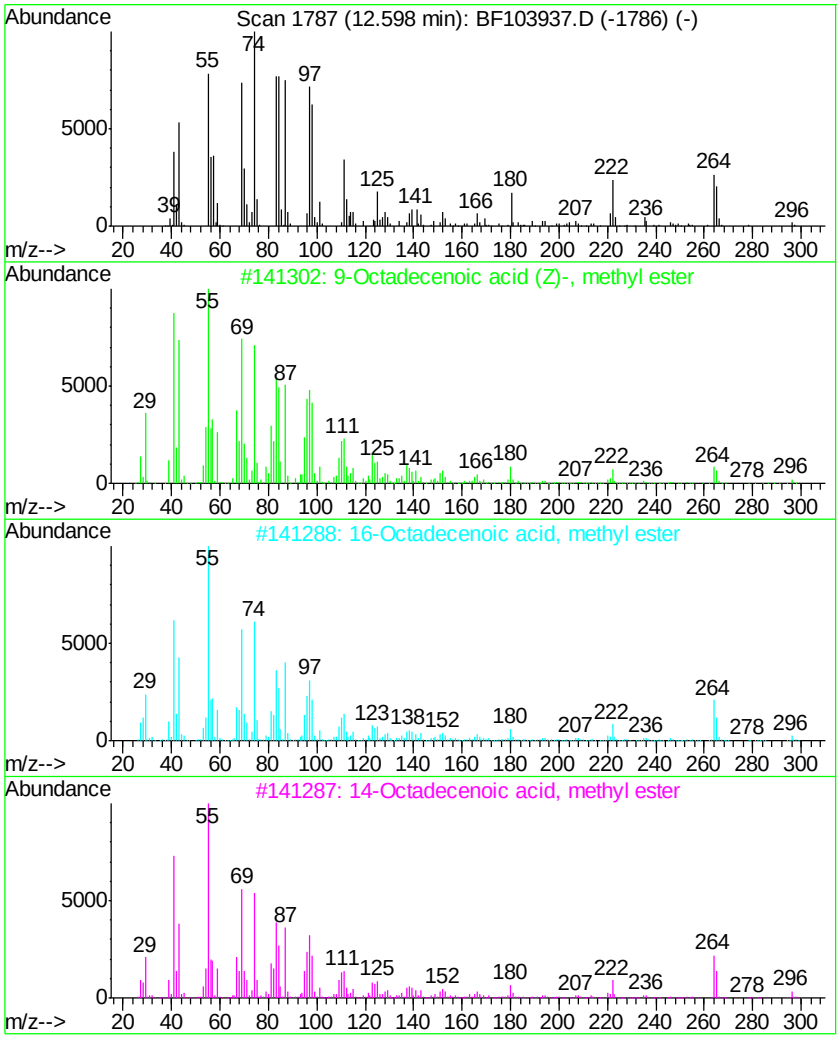
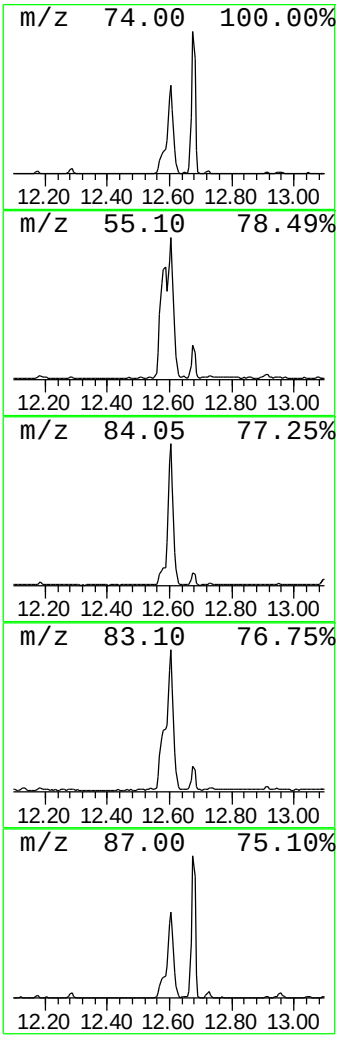
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	120.14 ng	6399850	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	90





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Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

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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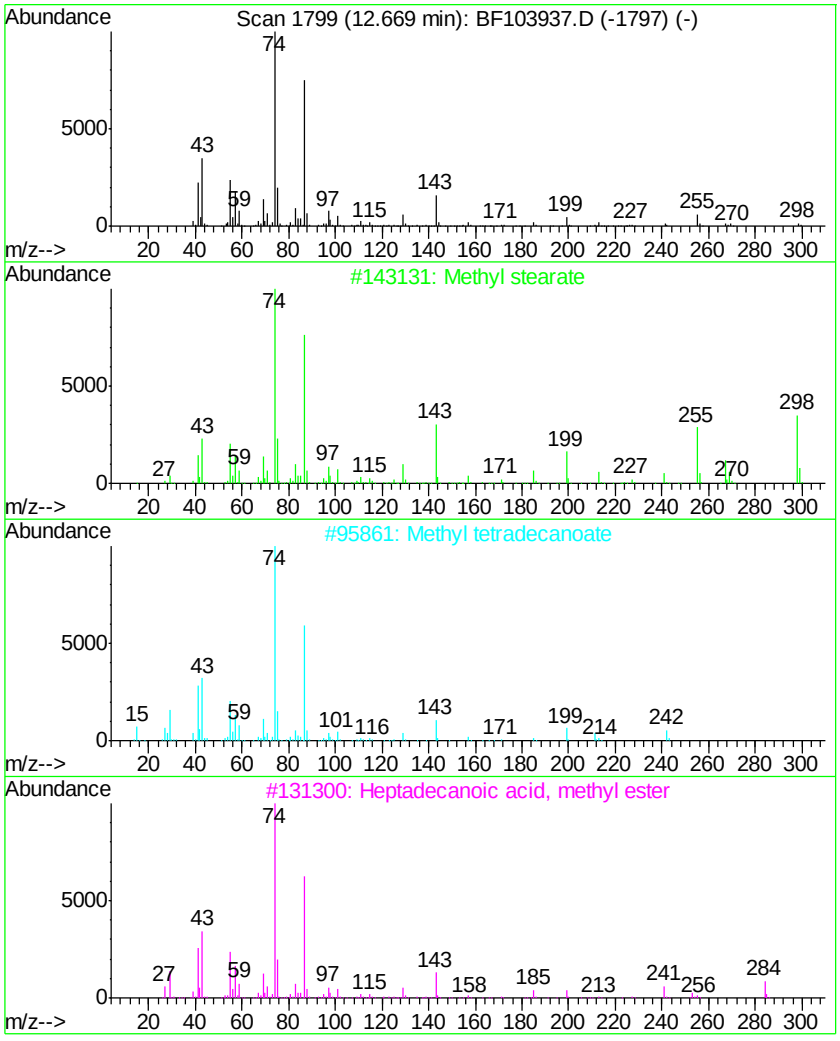
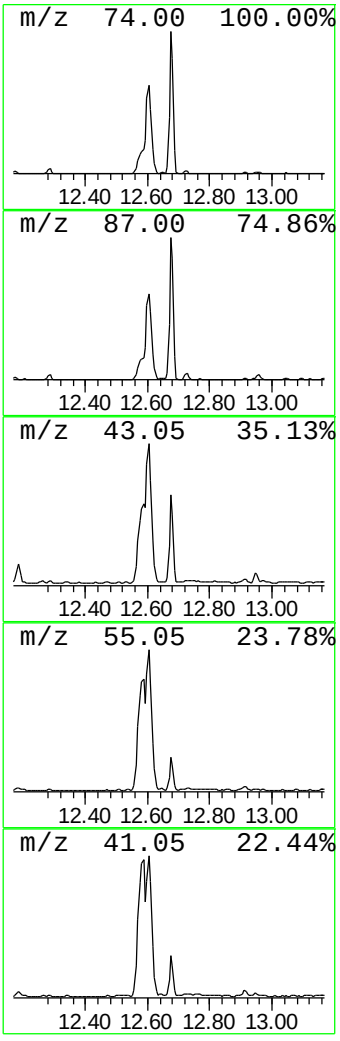
Peak Number 15 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	28.84 ng	1536210	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Acq On : 26 Mar 2018 20:48
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Sample : J1758-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : PL-02-032318-C

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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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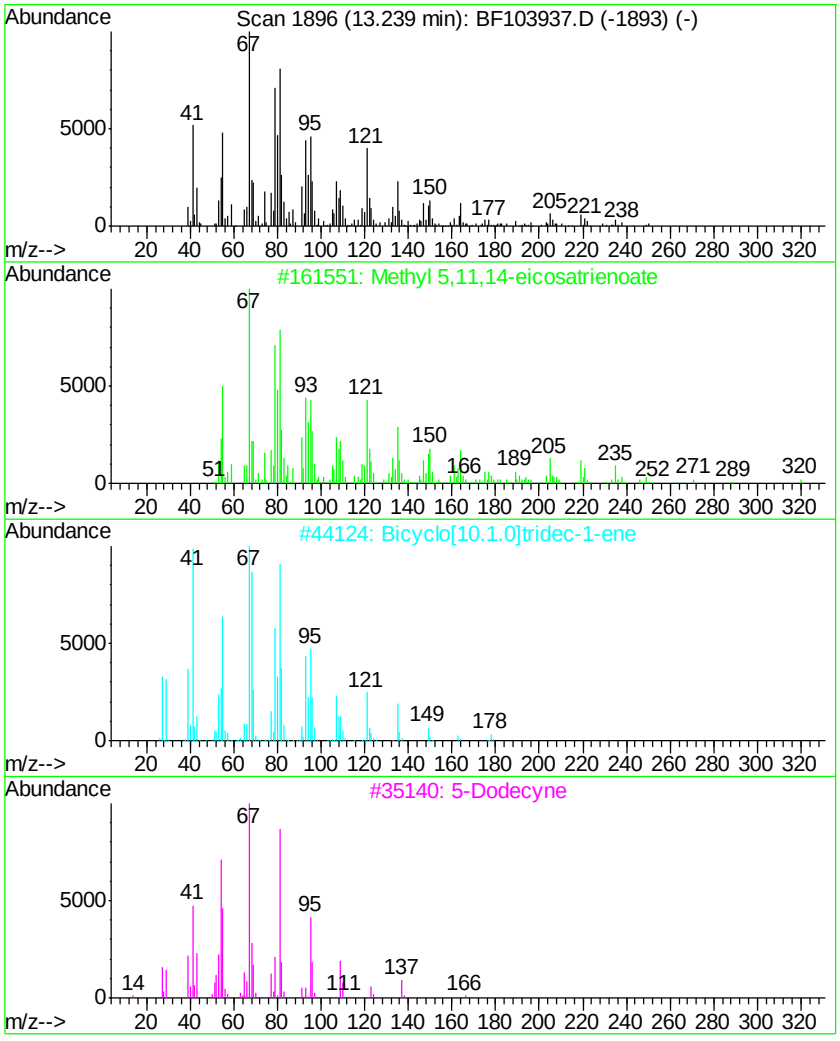
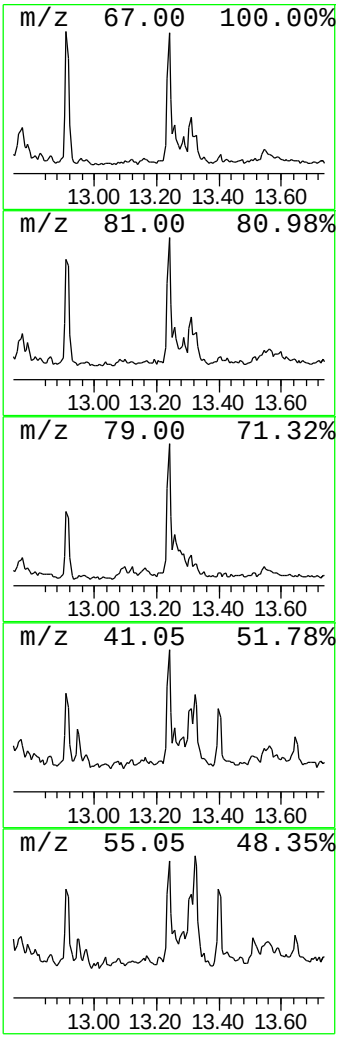
Peak Number 16 Methyl 5,11,14-eicosatrienoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	6.00 ng	327975	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	91
3	5-Dodecyne	166	C12H22	019780-12-2	60
4	9-Oxa-bicyclo[3.3.1]non-6-ene-3-...	182	C10H14O3	1000187-14-2	60
5	cis-3-Methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-28-9	52





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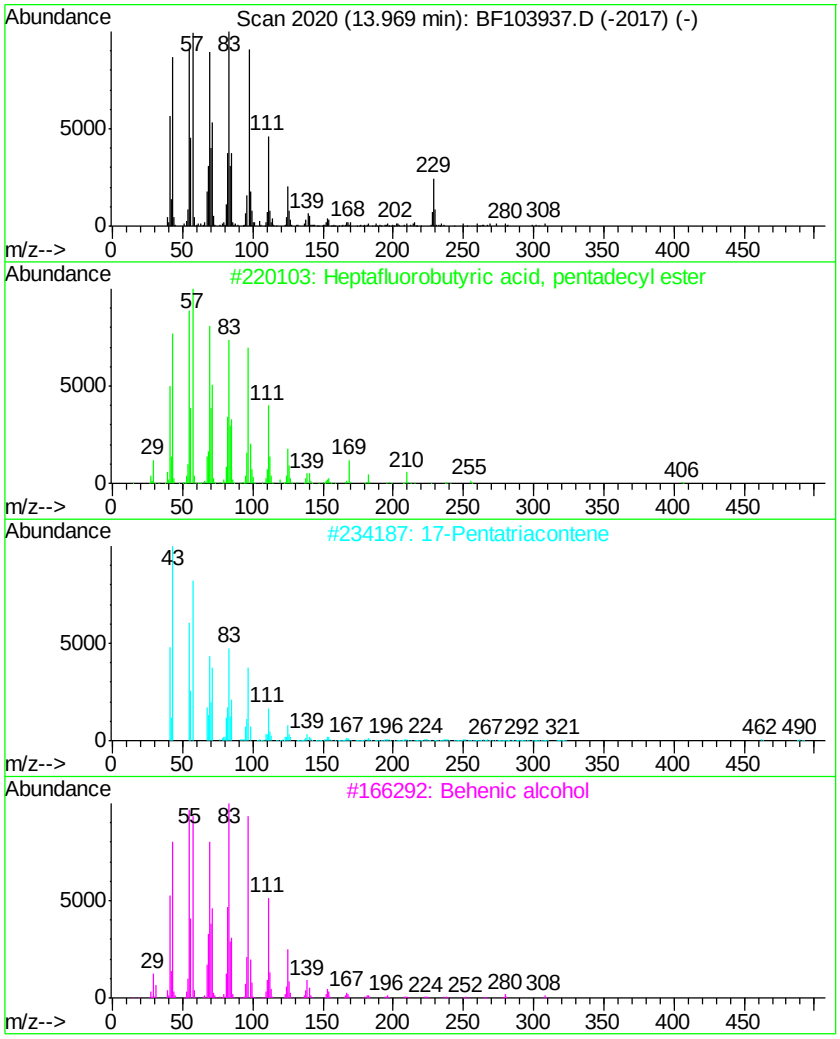
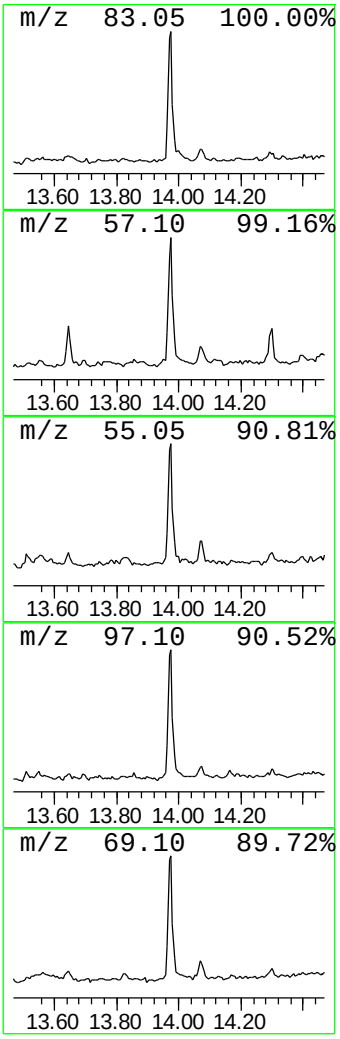
Peak Number 17 Heptafluorobutyric acid, pe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.70 ng	475609	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
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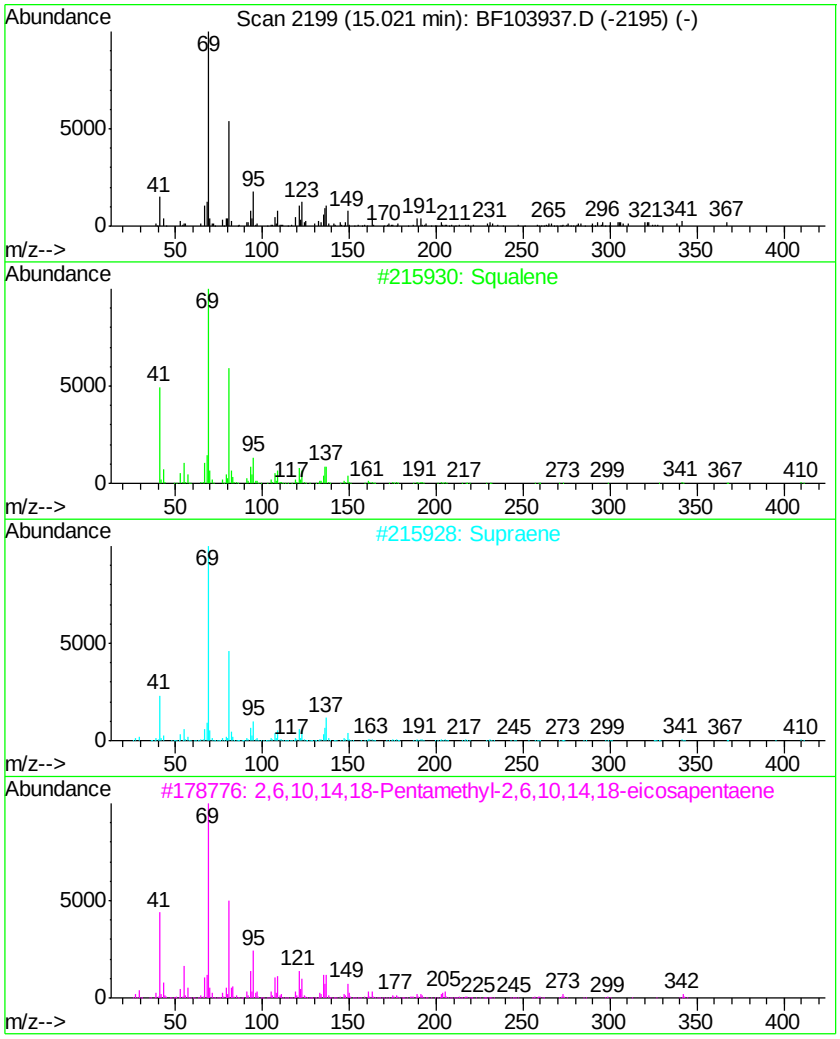
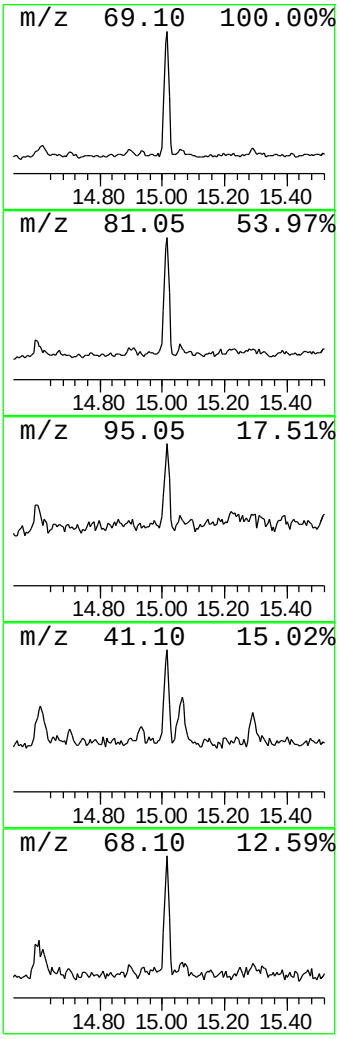
Peak Number 18 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.51 ng	169286	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	6,10,14-Hexadecatrien-1-ol, 3,7,...	292	C20H36O	036237-66-8	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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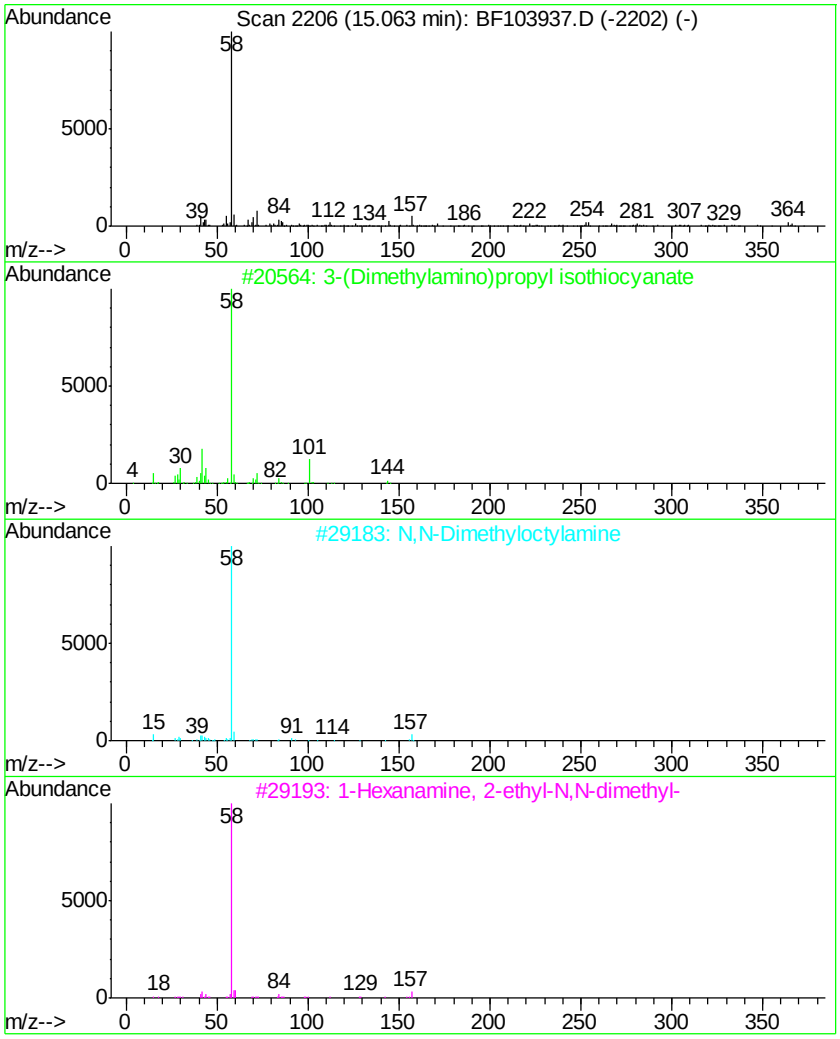
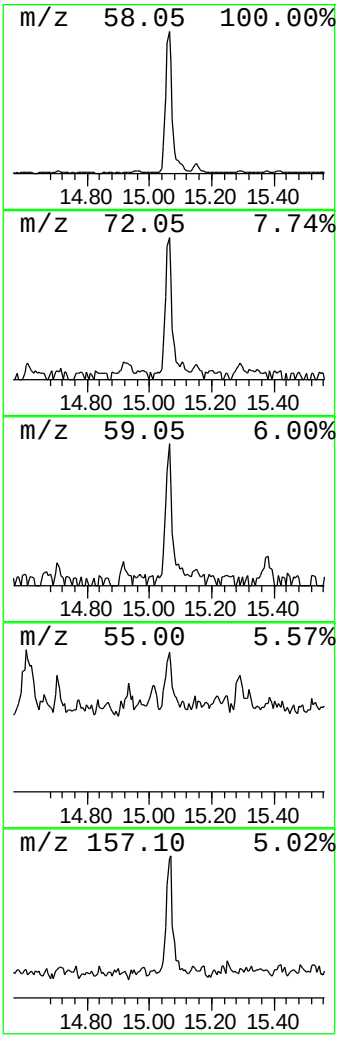
Peak Number 19 3-(Dimethylamino)propyl iso... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	8.97 ng	336941	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	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	[+]-2,4-Dihydroxy-3,3-dimethyl-N...	232	C11H24N2O3	1000253-94-2	72
5	Dimethyl palmitamine	269	C18H39N	000112-69-6	64





Tentatively Identified Compound (LSC) summary

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Data File : BF103937.D
Acq On : 26 Mar 2018 20:48
Operator : JU/SJ
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ClientSampleId : PL-02-032318-C

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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	81.2	ng	3292290	1	6.97	810674	20.0
Tridecane	8.83	5.3	ng	303355	2	8.26	1143930	20.0
Tetradecane	9.40	6.4	ng	336406	3	10.02	1049700	20.0
Decane, 2,3,5-tri...	9.93	8.0	ng	422225	3	10.02	1049700	20.0
Hexadecane	10.43	8.6	ng	452682	3	10.02	1049700	20.0
5-Ethyldecane	10.65	4.3	ng	223564	3	10.02	1049700	20.0
Heneicosane	10.90	10.7	ng	568998	4	11.51	1065390	20.0
Hexadecanoic acid...	11.89	67.4	ng	3589060	4	11.51	1065390	20.0
n-Hexadecanoic acid	12.02	4.2	ng	223199	4	11.51	1065390	20.0
Heptadecane	12.19	4.6	ng	243281	4	11.51	1065390	20.0
9,12-Octadecadien...	12.59	163.2	ng	8692940	4	11.51	1065390	20.0
9-Octadecenoic ac...	12.60	120.1	ng	6399850	4	11.51	1065390	20.0
Methyl stearate	12.67	28.8	ng	1536210	4	11.51	1065390	20.0
Methyl 5,11,14-ei...	13.24	6.0	ng	327975	5	14.16	1093810	20.0
Heptafluorobutyri...	13.97	8.7	ng	475609	5	14.16	1093810	20.0
Squalene	15.02	4.5	ng	169286	6	15.70	751533	20.0
3-(Dimethylamino)...	15.06	9.0	ng	336941	6	15.70	751533	20.0