LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

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-BF010918.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	5.316	545	549	553	rBV	1343430	1142313	12.50%	2.591%
2	6.345	720	724	729	rVB	1421234	1159852	12.69%	2.631%
3	6.481	743	747	751	rVB	1445766	1213556	13.28%	2.753%
4	6.716	784	787	791	rBV	1515019	1372790	15.02%	3.114%
5	6.875	810	814	817	rBV	919952	837245	9.16%	1.899%
6	7.281	879	883	886	rVV	843840	684072	7.48%	1.552%
7	7.316	886	889	893	rVB	120085	107601	1.18%	0.244%
8	8.004	999	1006	1009	rBV	1982792	1969751	21.55%	4.468%
9	8.592	1103	1106	1110	rBV	201548	190465	2.08%	0.432%
10	8.822	1140	1145	1148	rBV2	68706	93379	1.02%	0.212%
11	9.075	1184	1188	1191	rBV	1332879	1003959	10.98%	2.277%
12	9.157	1198	1202	1207	rBV	257531	256610	2.81%	0.582%
13	9.345	1227	1234	1237	rBV4	72897	104454	1.14%	0.237%
14	9.475	1252	1256	1259	rBV2	172086	202149	2.21%	0.459%
15	9.610	1277	1279	1285	rVB	139111	137324	1.50%	0.312%
16	9.686	1290	1292	1297	rVB	322459	253069	2.77%	0.574%
17	9.751	1297	1303	1307	rBV	1997238	1887398	20.65%	4.281%
18	10.186	1374	1377	1380	rVB	342337	240478	2.63%	0.546%
19	10.298	1393	1396	1402	rVB	130892	143159	1.57%	0.325%
20	10.404	1409	1414	1420	rVB	106901	142937	1.56%	0.324%
21	10.533	1432	1436	1441	rVB	755757	673286	7.37%	1.527%
22	10.657	1454	1457	1465	rBV	349323	388204	4.25%	0.881%
23	11.104	1530	1533	1536	rBV	268474	232477	2.54%	0.527%
24	11.133	1536	1538	1544	rVB2	137365	149908	1.64%	0.340%
25	11.233	1551	1555	1557	rBV	1761821	1554200	17.00%	3.526%
26	11.257	1557	1559	1562	rVV	721207	522756	5.72%	1.186%
27	11.304	1565	1567	1571	rVB	169160	153029	1.67%	0.347%
28	11.533	1603	1606	1608	rBV	228320	185411	2.03%	0.421%
29	11.633	1619	1623	1627	rVB	3691271	3179816	34.79%	7.213%
30	11.733	1637	1640	1642	rBV	142097	105569	1.15%	0.239%
31	11.763	1642	1645	1648	rVB	271037	213796	2.34%	0.485%
32	11.845	1655	1659	1661	rBV2	217670	225109	2.46%	0.511%
33	11.869	1661	1663	1667	rVB	106091	94624	1.04%	0.215%
34	11.939	1672	1675	1682	rVB2	192306	227525	2.49%	0.516%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.033	1688	1691	1697	rVB4	85264	129695	1.42%	0.294%
36	12.280	1730	1733	1736	rBV	108001	107447	1.18%	0.244%
37	12.327	1736	1741	1743	rVV	6813072	9140576	100.00%	20.735%
38	12.345	1743	1744	1751	rVV2	6197178	5017903	54.90%	11.383%
39	12.427	1754	1758	1759	rVV	1632122	1424545	15.58%	3.232%
40	12.439	1759	1760	1764	rVV	700926	613066	6.71%	1.391%
41	12.474	1764	1766	1770	rVV2	153236	167764	1.84%	0.381%
42	12.668	1794	1799	1802	rBV	694895	697154	7.63%	1.581%
43	12.816	1821	1824	1831	rVB	769930	675652	7.39%	1.533%
44	12.998	1849	1855	1858	rBV	182176	275351	3.01%	0.625%
45	13.068	1862	1867	1870	rVV3	214416	296598	3.24%	0.673%
46	13.151	1878	1881	1882	rVV	123714	123333	1.35%	0.280%
47	13.168	1882	1884	1888	rVV3	252230	292899	3.20%	0.664%
48	13.210	1888	1891	1897	rVB2	248257	307615	3.37%	0.698%
49	13.715	1974	1977	1980	rVB2	111017	122401	1.34%	0.278%
50	13.863	1997	2002	2005	rVV2	1208381	1348344	14.75%	3.059%
51	13.886	2005	2006	2009	rVB	248293	189183	2.07%	0.429%
52	14.751	2150	2153	2157	rVB	171923	196735	2.15%	0.446%
53	14.874	2171	2174	2177	rBV	277252	373752	4.09%	0.848%
54	15.162	2220	2223	2226	rVB	149626	173518	1.90%	0.394%
55	15.221	2229	2233	2239	rBV	244527	293762	3.21%	0.666%
56	15.280	2239	2243	2247	rBV	863358	1067296	11.68%	2.421%

Sum of corrected areas: 44082860

LSC Report - Integrated Chromatogram

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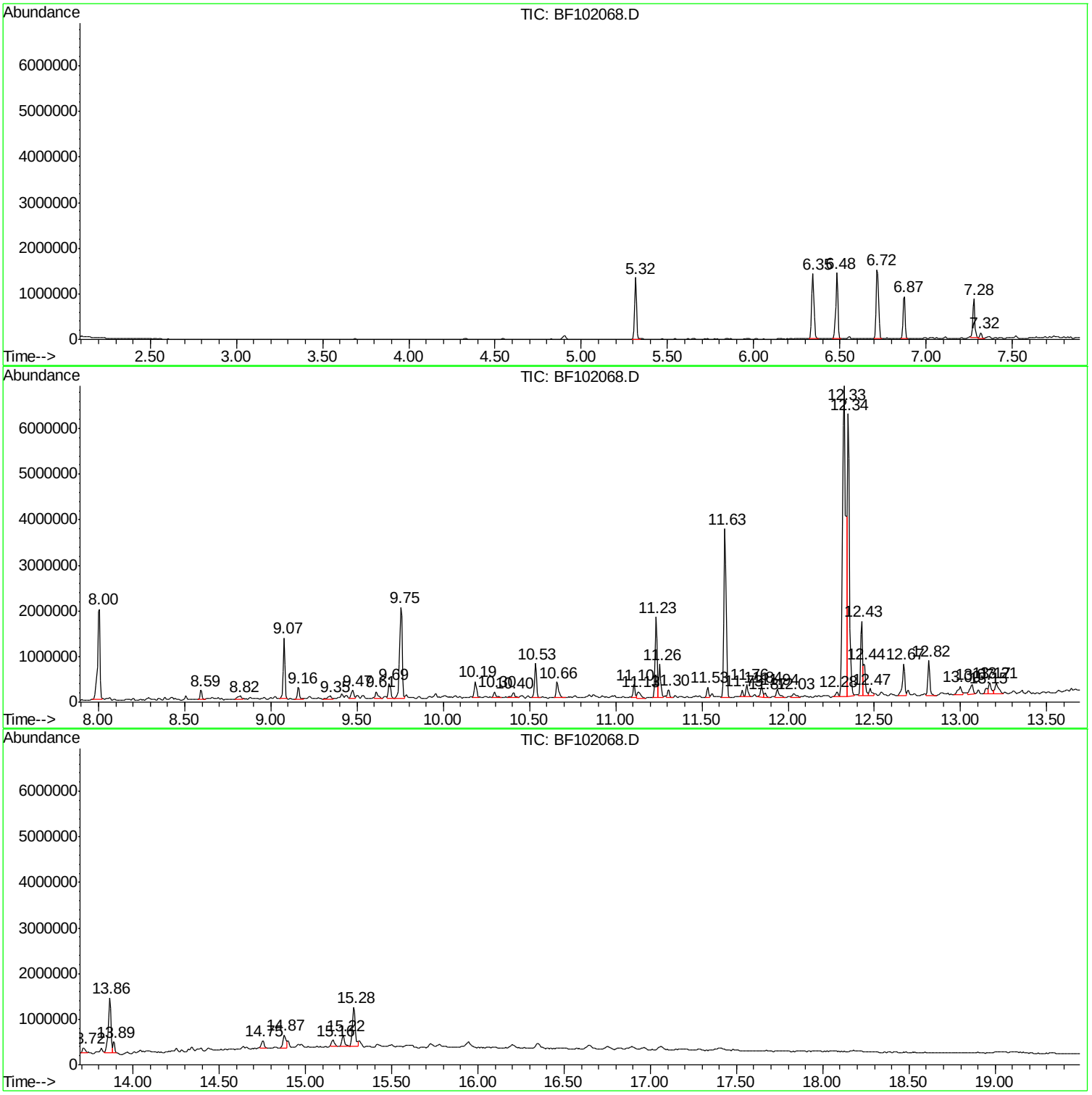
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
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Operator : SJ/JU
Sample : J1016-03 5X
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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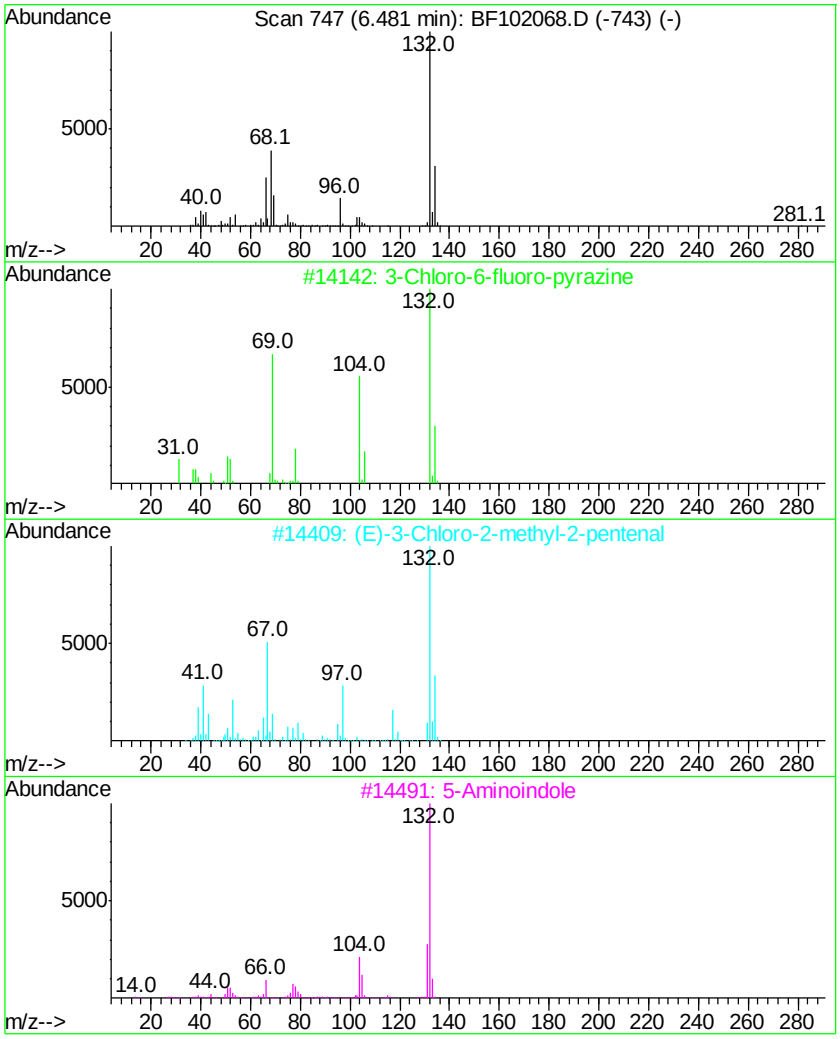
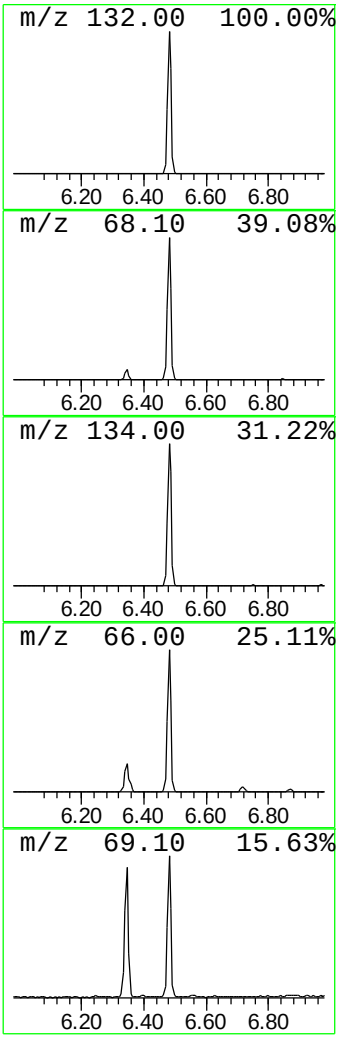
Peak Number 1 unknown6.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	17.68 ng	1213560	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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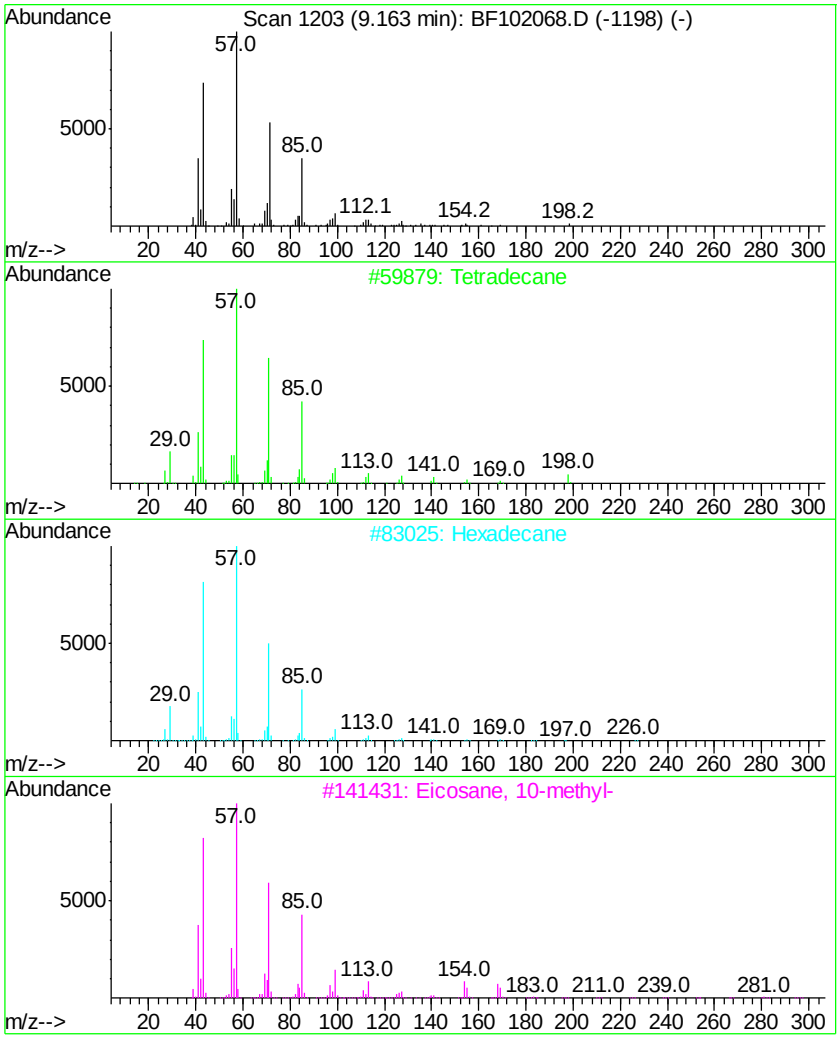
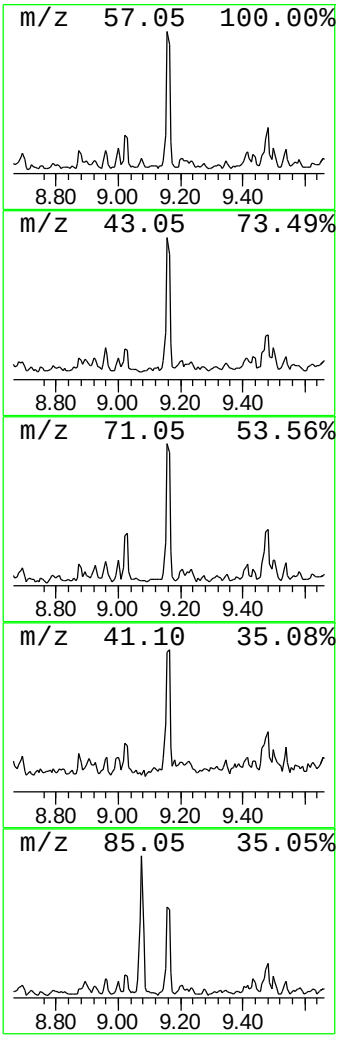
Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.72 ng	256610	Acenaphthene-d10	9.75

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	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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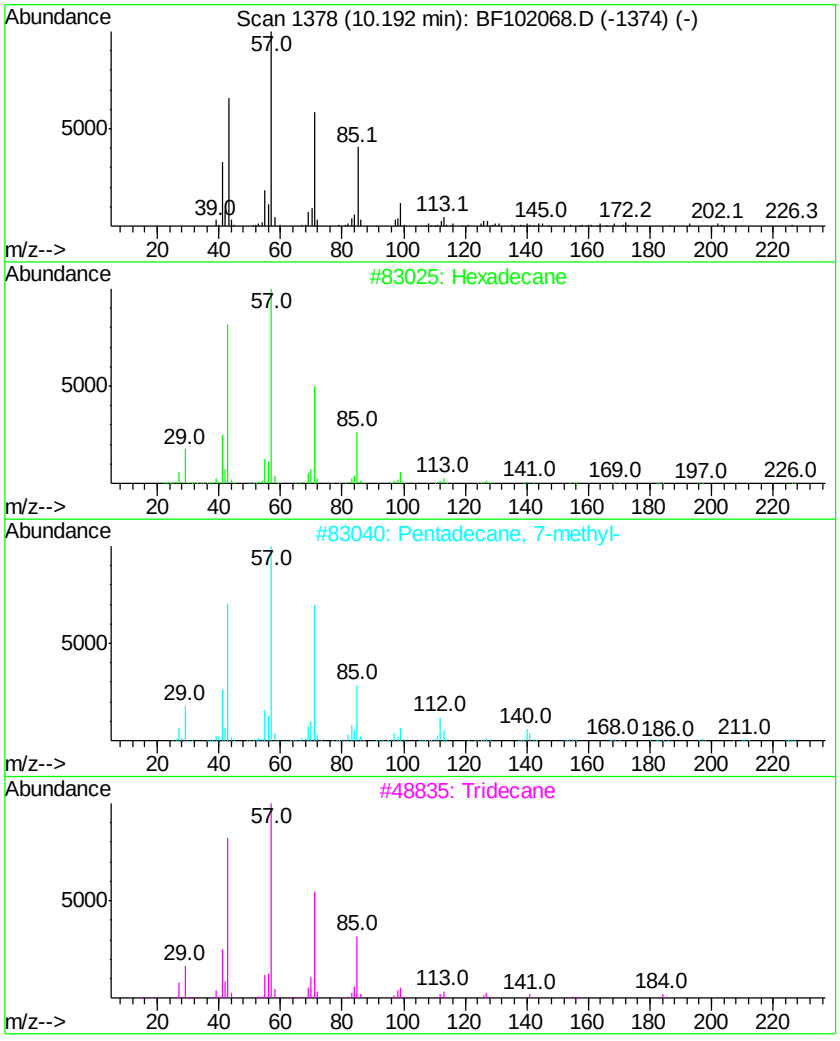
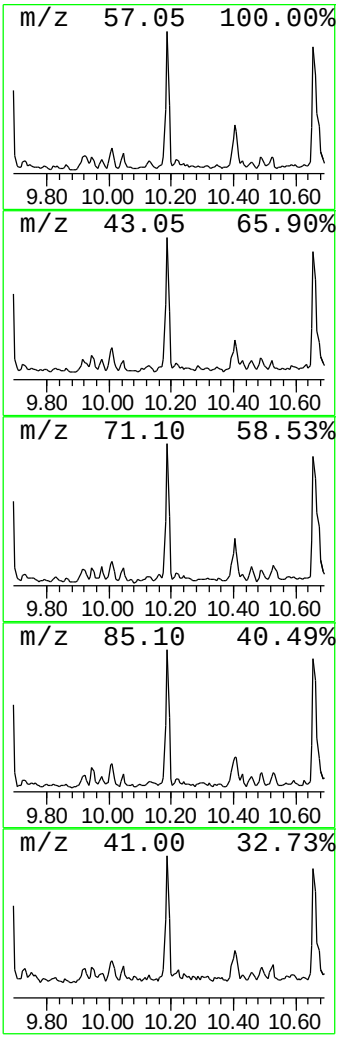
Peak Number 5 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.55 ng	240478	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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Acq On : 15 Jan 2018 17:41
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Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

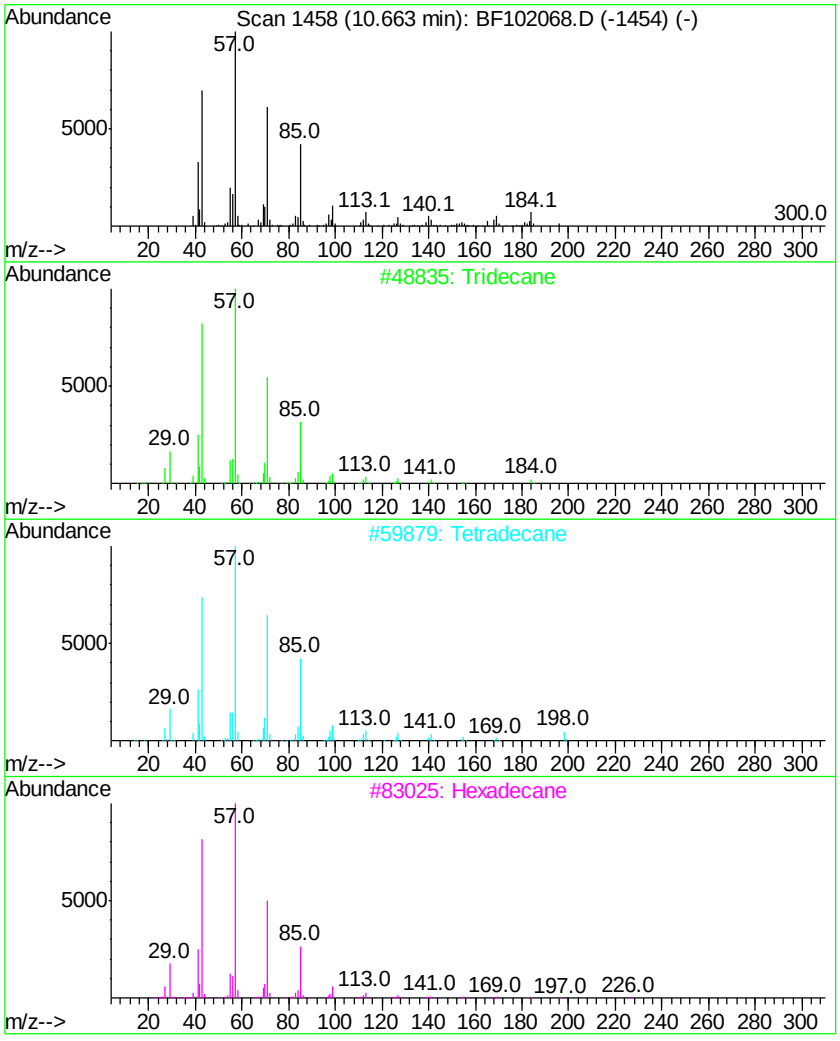
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

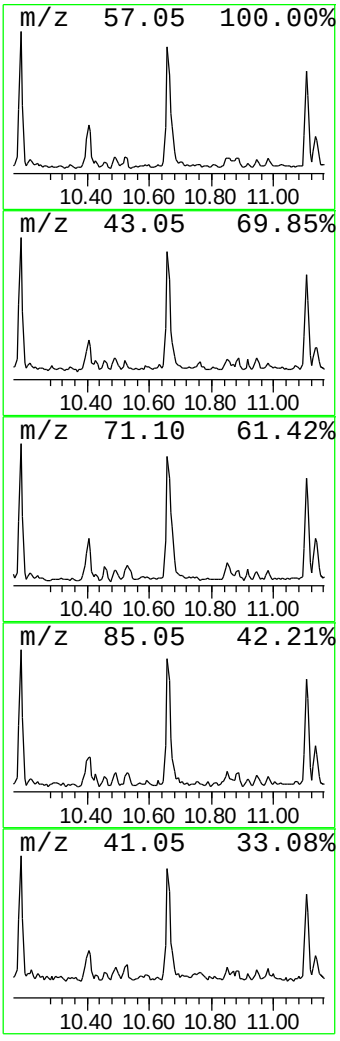
****

Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	5.00 ng	388204	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Eicosane	282	C20H42	000112-95-8	86





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Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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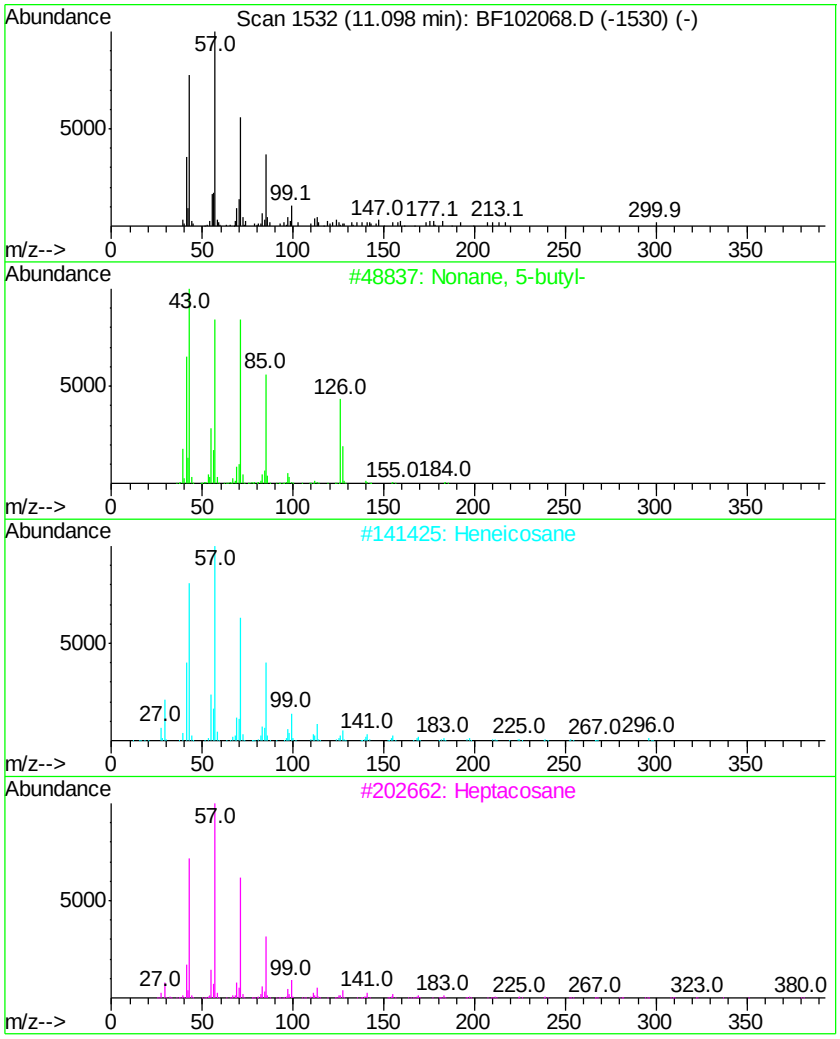
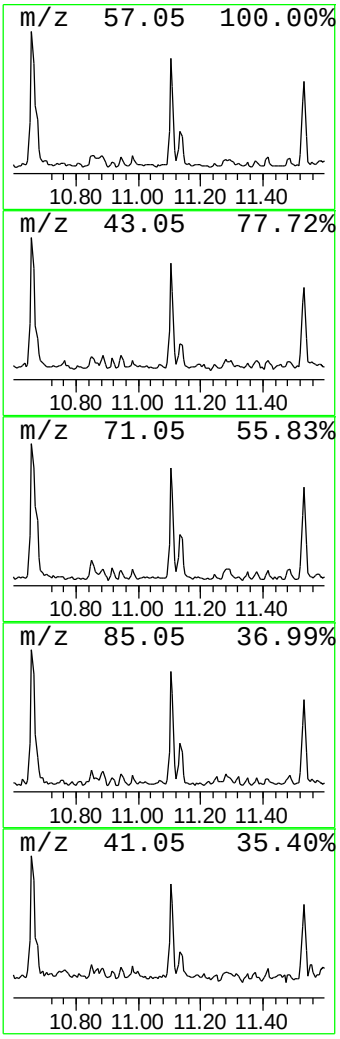
Peak Number 7 Nonane, 5-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.99 ng	232477	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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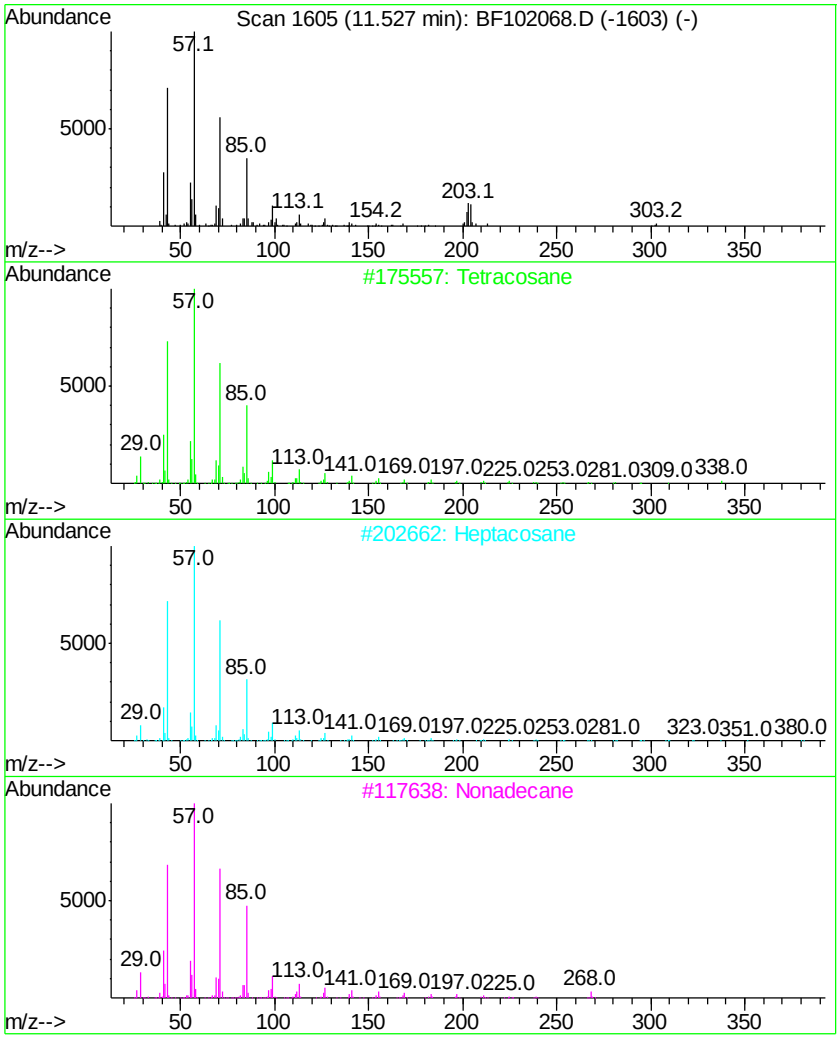
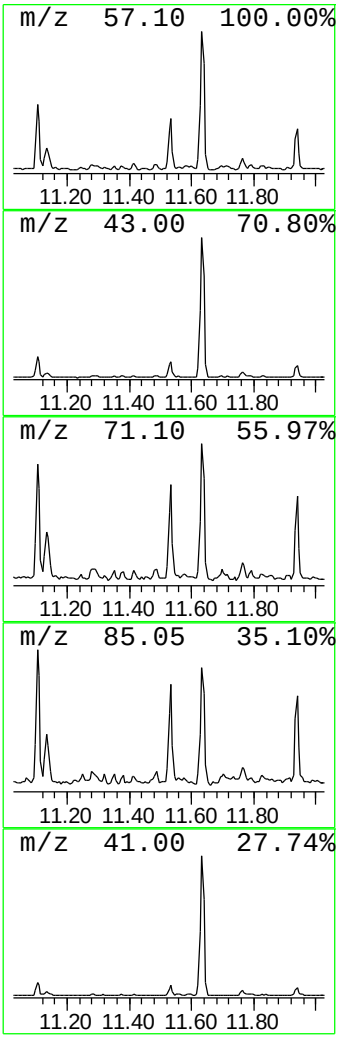
Peak Number 8 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.39 ng	185411	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	74
2	Heptacosane	380	C27H56	000593-49-7	74
3	Nonadecane	268	C19H40	000629-92-5	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

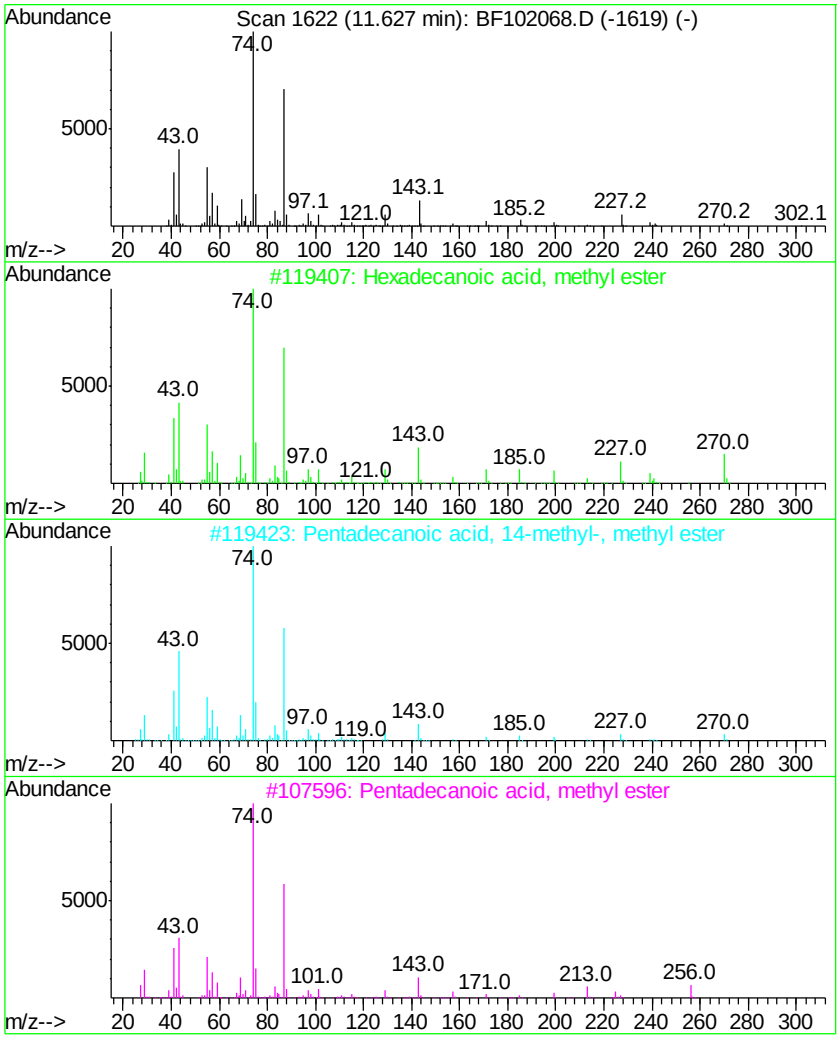
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

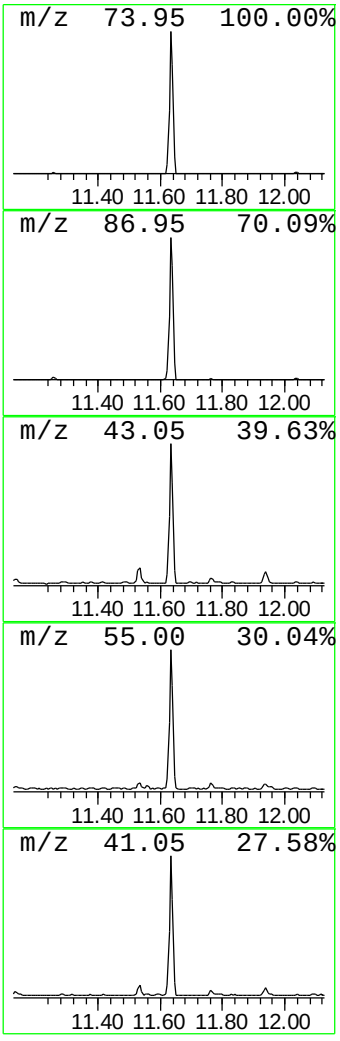
****

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	40.92 ng	3179820	Phenanthrene-d10	11.23

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 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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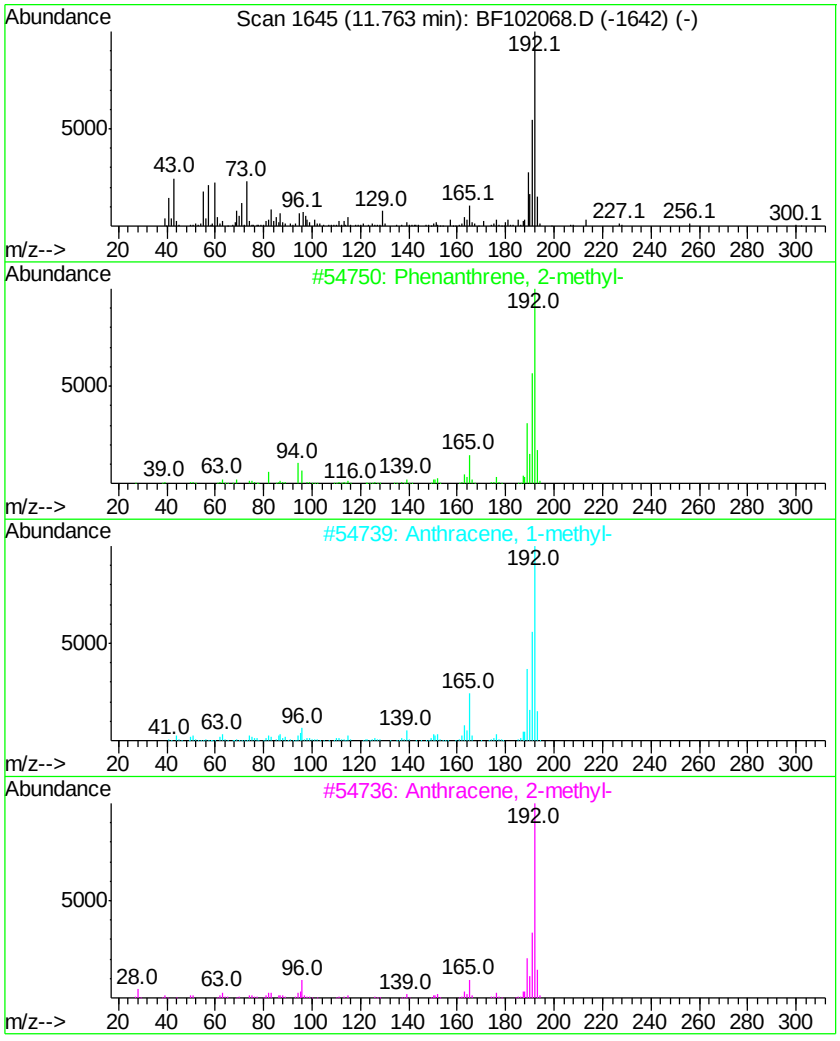
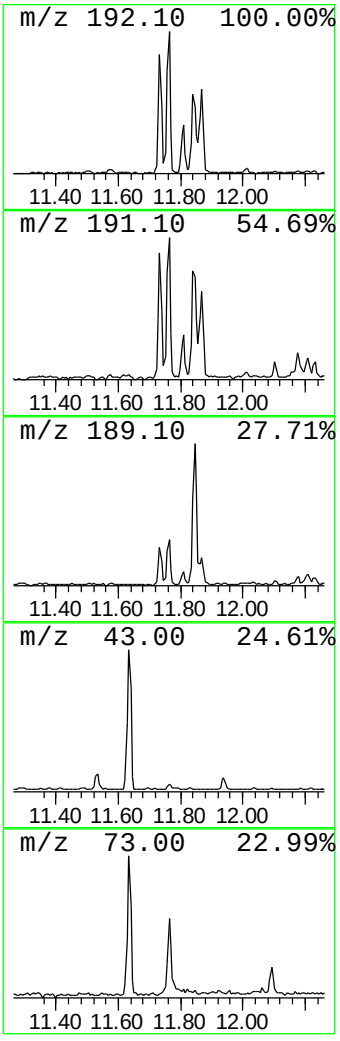
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.75 ng	213796	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70





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Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

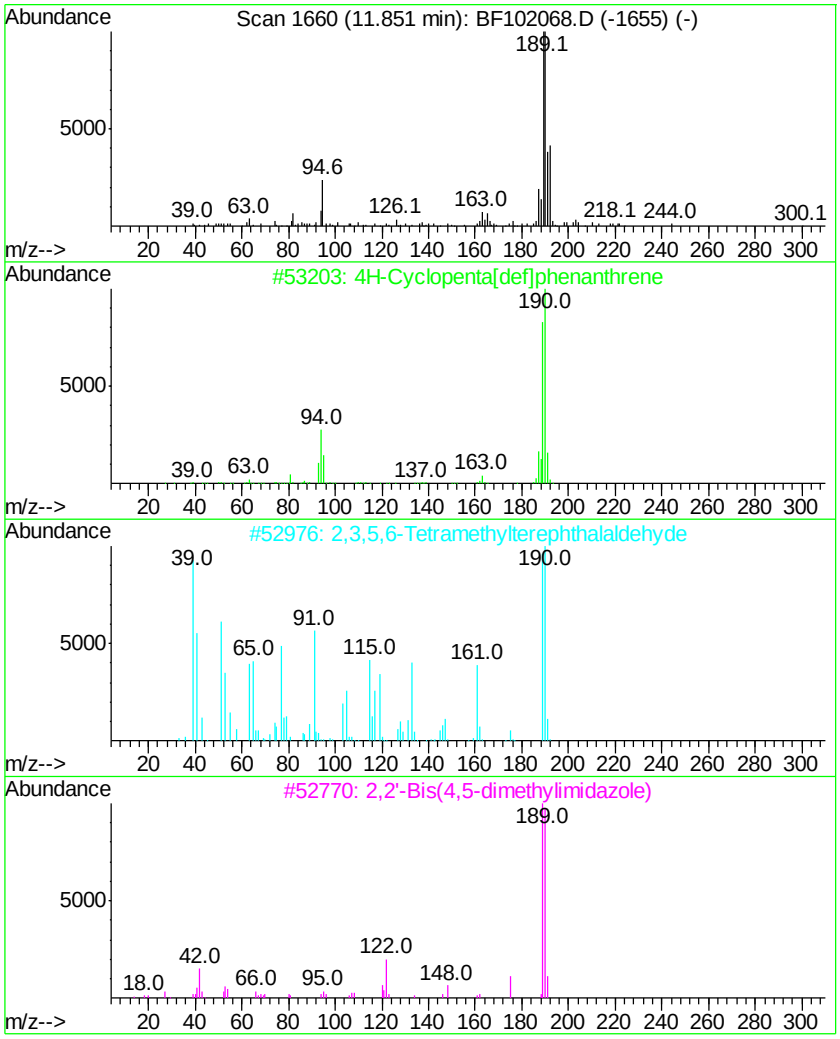
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

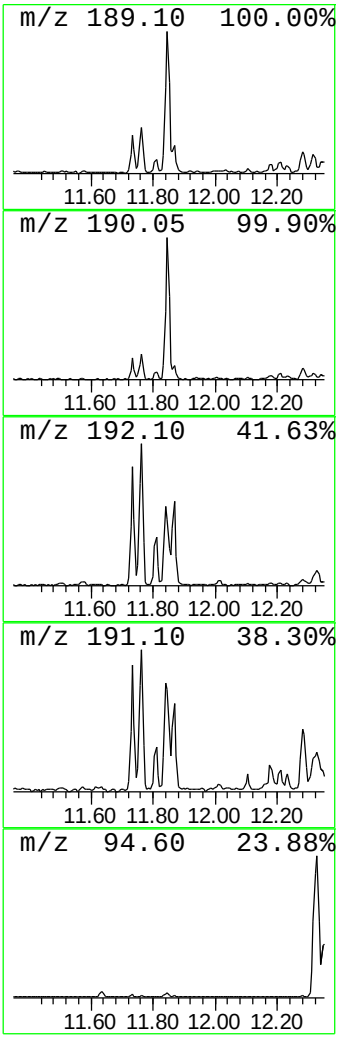
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.90 ng	225109	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





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Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

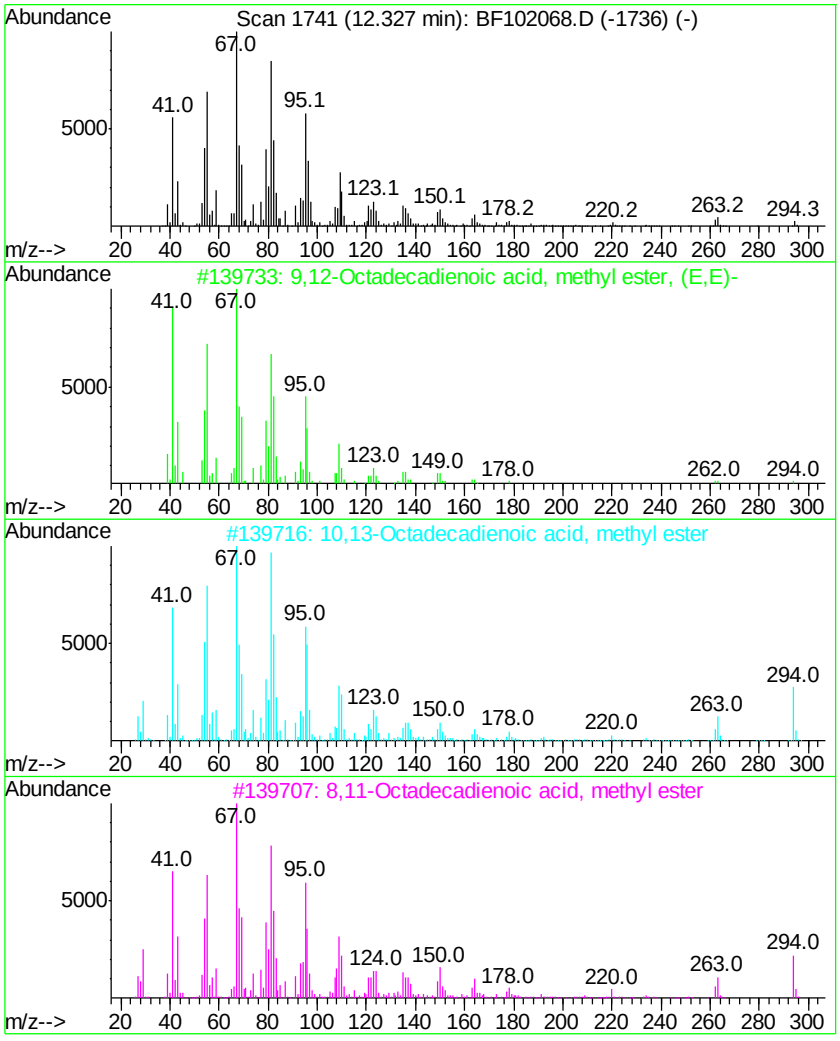
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

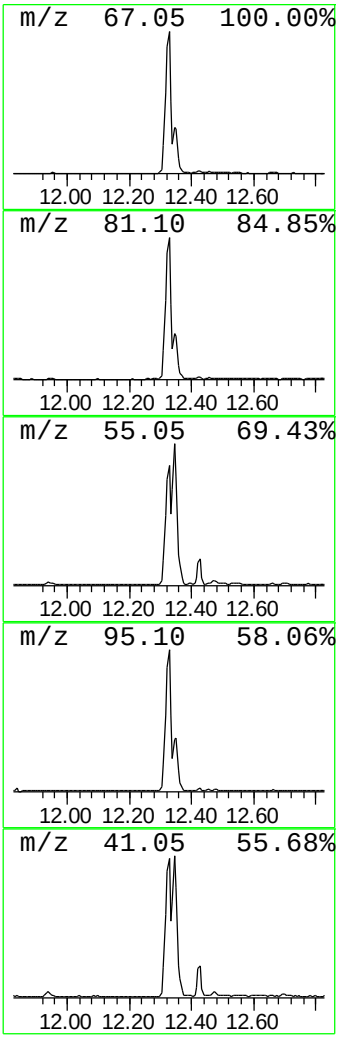
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	117.62 ng	9140580	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

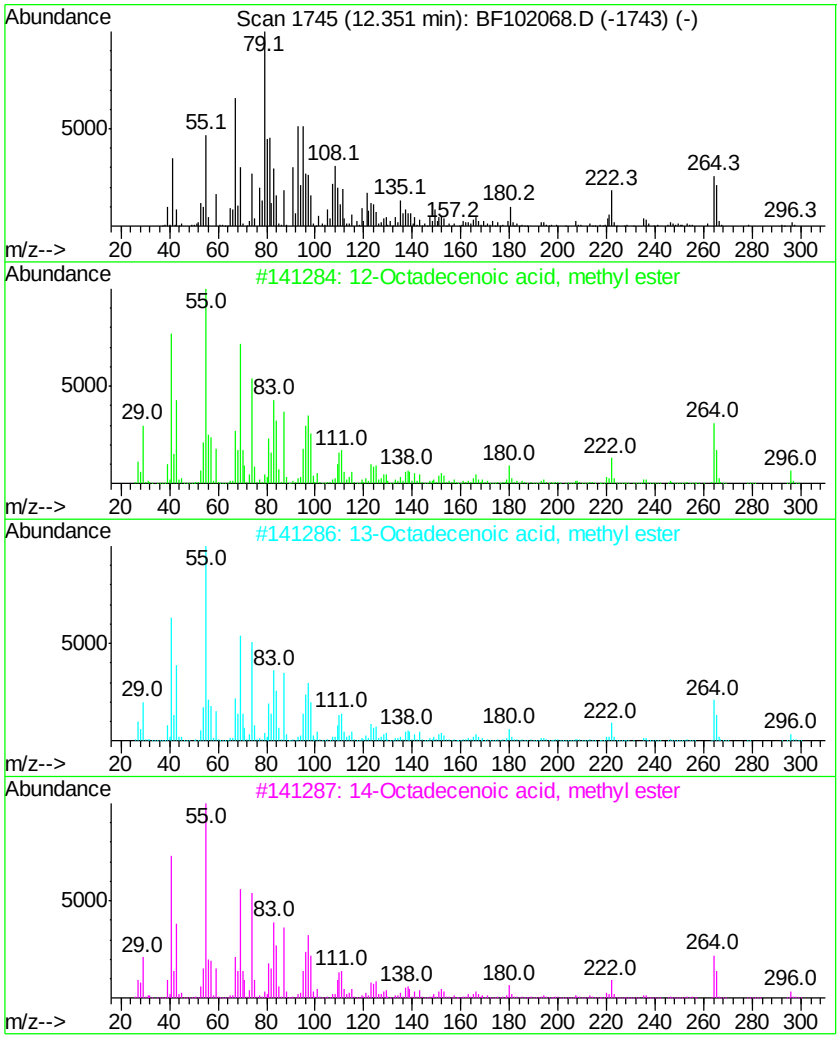
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

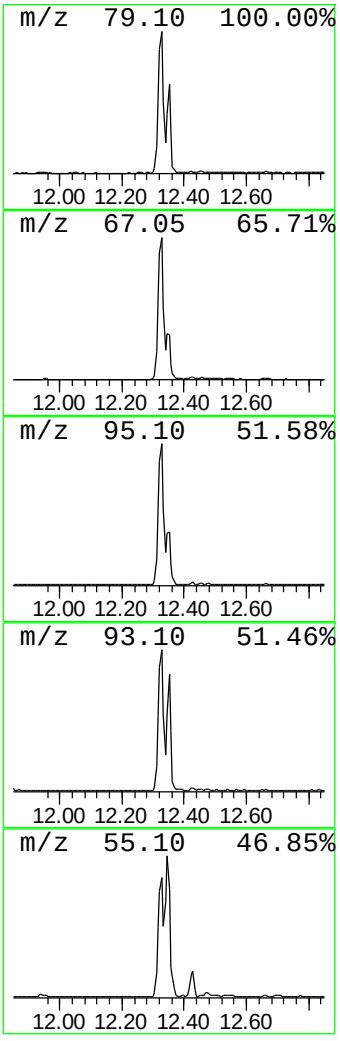
****

Peak Number 14 12-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	64.57 ng	5017900	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





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Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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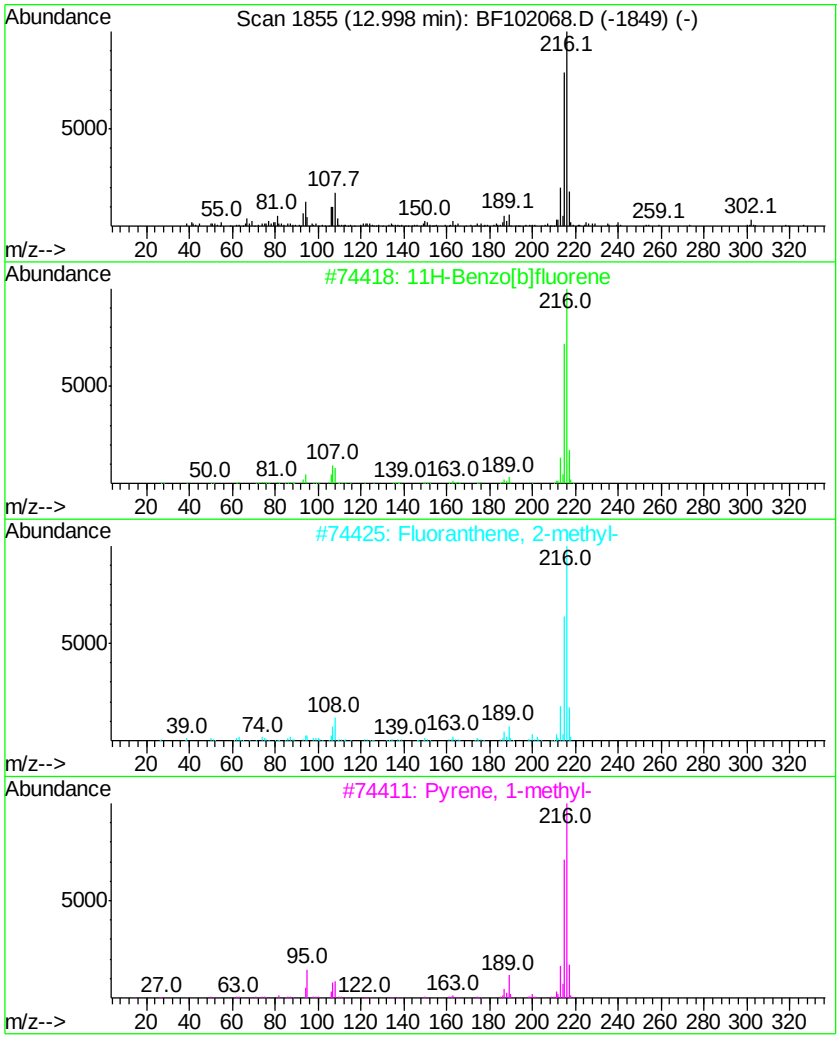
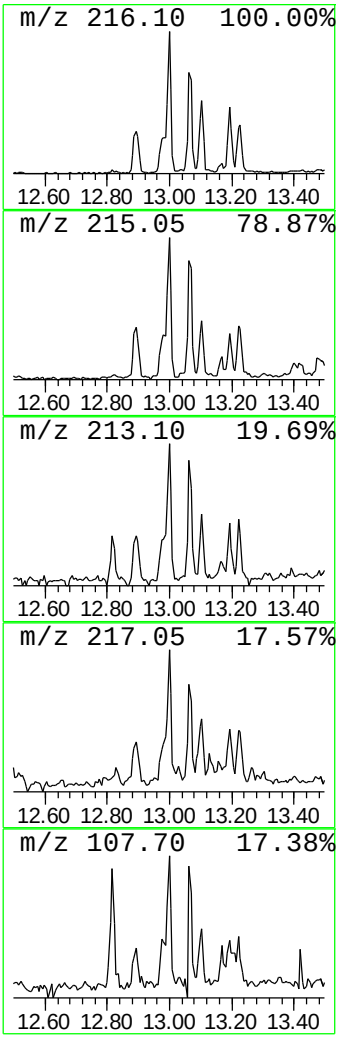
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.08 ng	275351	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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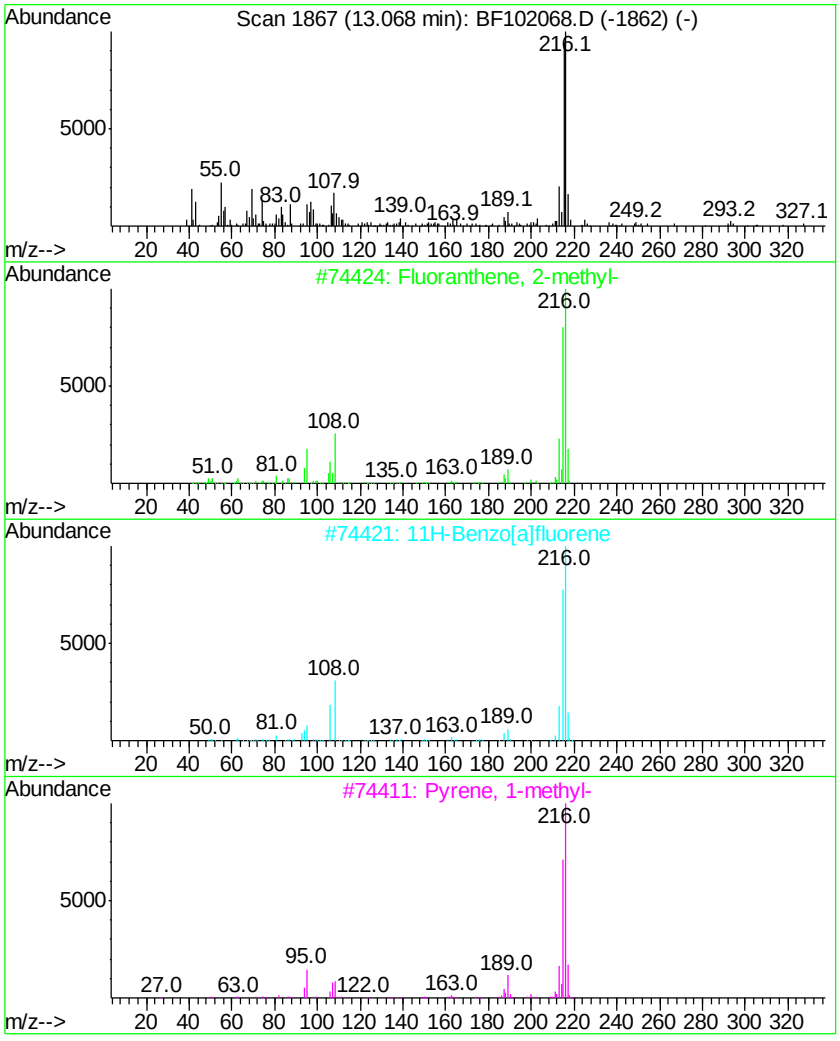
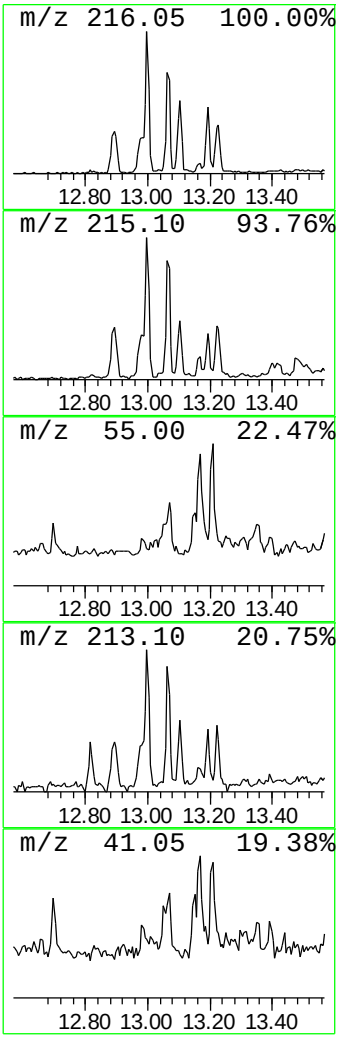
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.40 ng	296598	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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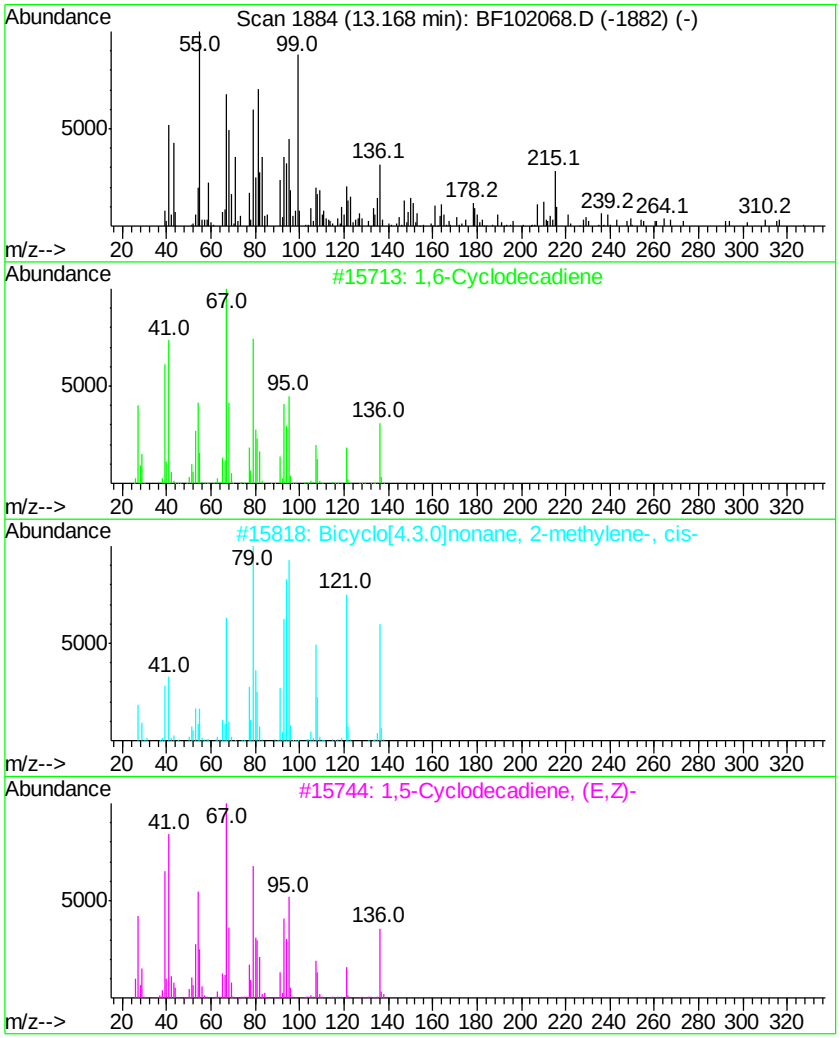
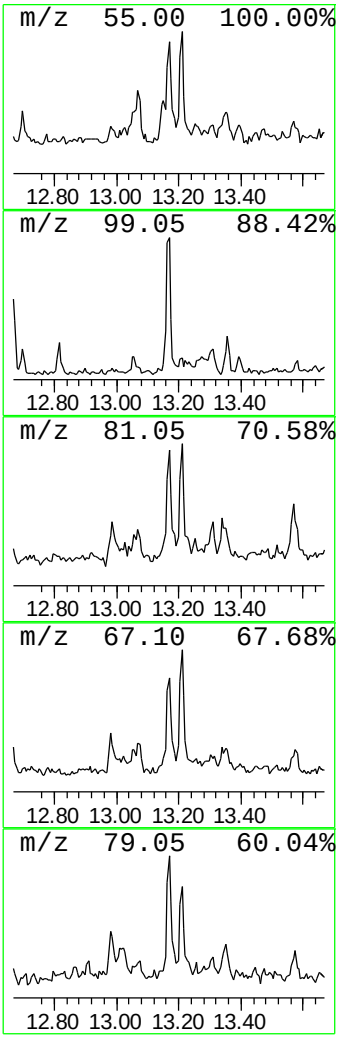
Peak Number 17 1,6-Cyclodecadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.34 ng	292899	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Cyclodecadiene	136	C10H16	007049-13-0	70
2	Bicyclo[4.3.0]nonane, 2-methylen...	136	C10H16	040954-37-8	50
3	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	49
4	2H-Benzocycloheptен-2-one, 1,4a,...	178	C12H18O	017429-26-4	46
5	7-Methylene-9-oxa-bicyclo[3.3.1]...	136	C9H12O	1000193-85-5	35





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Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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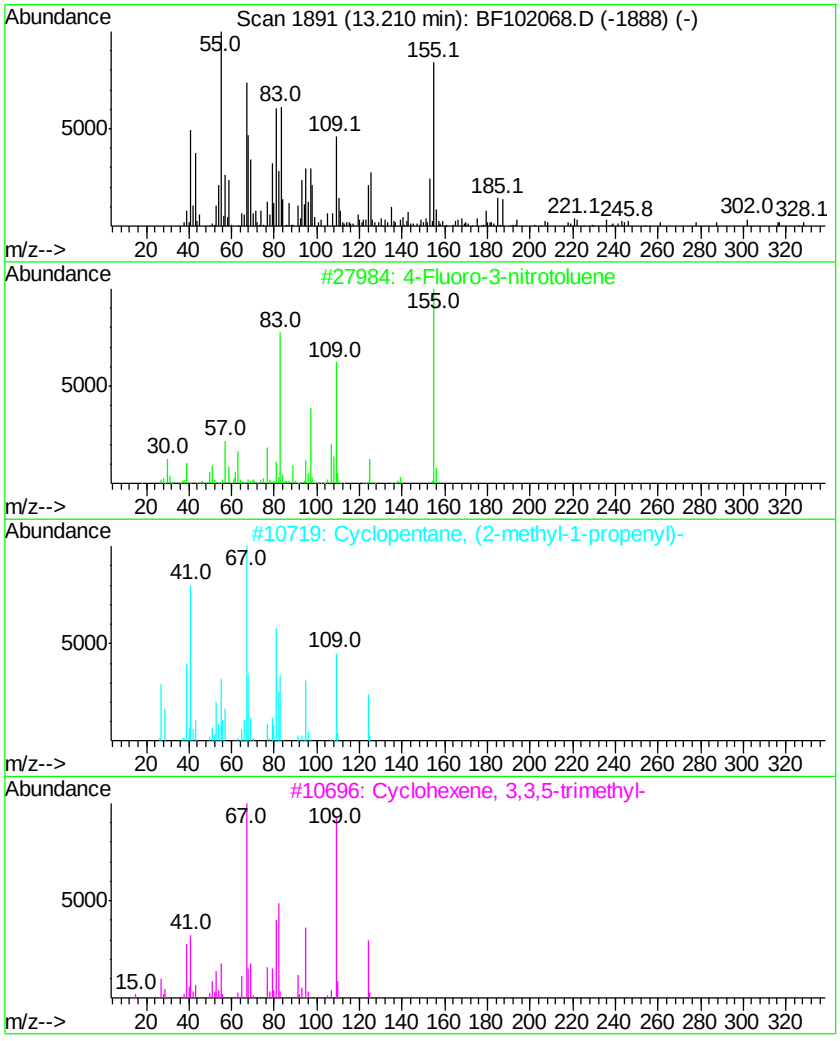
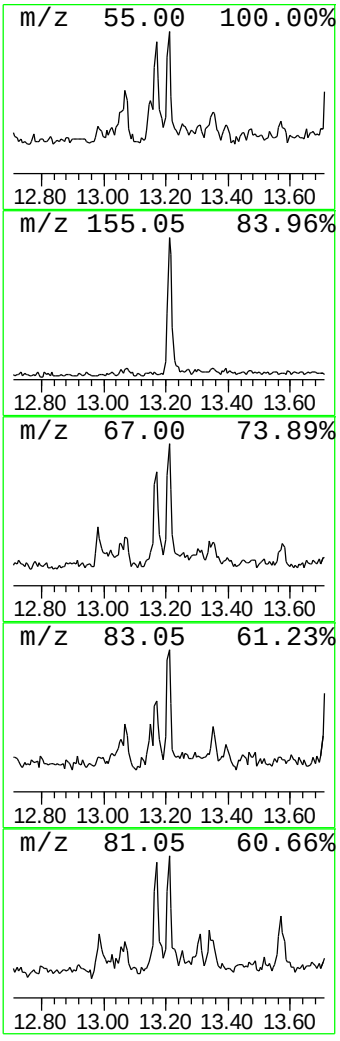
Peak Number 18 unknown13.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.56 ng	307615	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-3-nitrotoluene	155	C7H6FNO2	000446-11-7	46
2	Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	38
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	30
4	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	27
5	erythro-(cis)(1,4),(cis)(1',4')-...	254	C16H30O2	1000154-13-0	27





Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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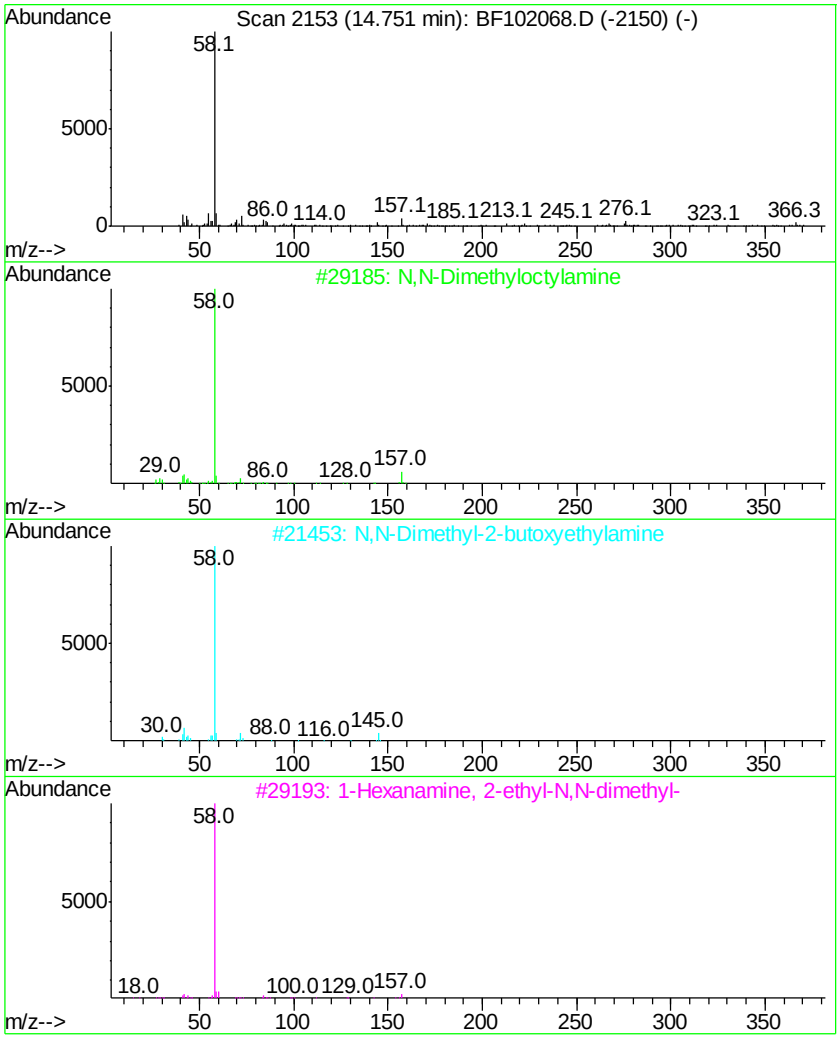
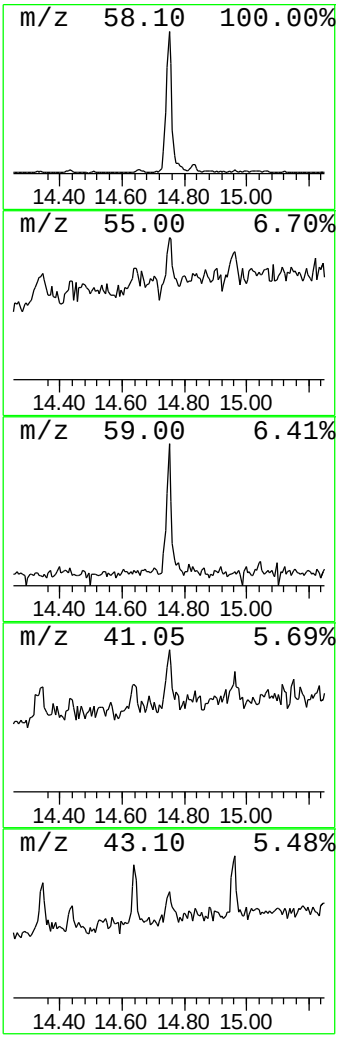
Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.69 ng	196735	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	72
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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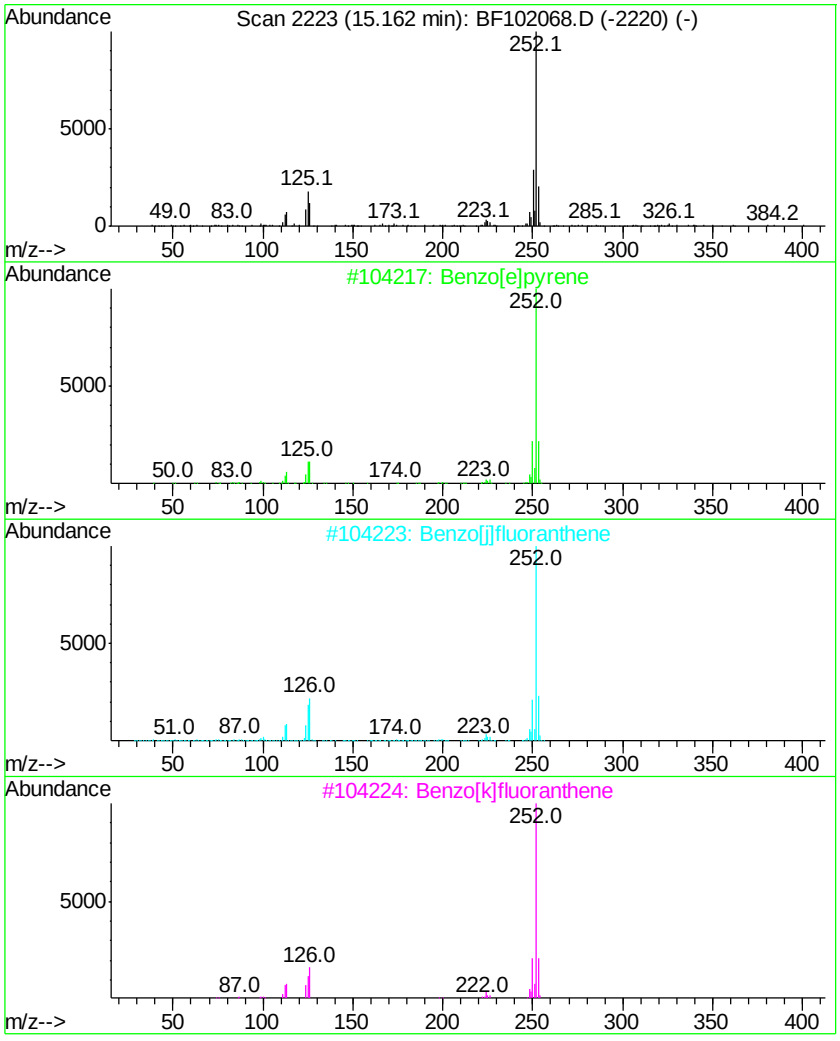
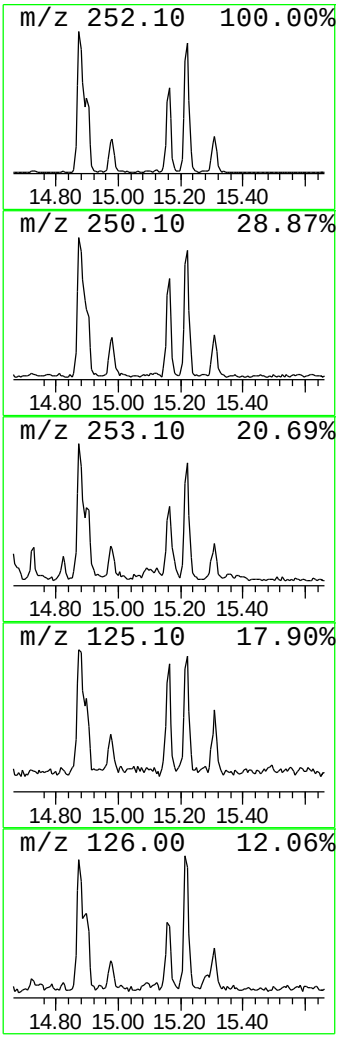
Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.25 ng	173518	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102068.D
Acq On : 15 Jan 2018 17:41
Operator : SJ/JU
Sample : J1016-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
unknown6.48	6.48	17.7	ng	1213560	1	6.72	1372790	20.0
Tetradecane	9.16	2.7	ng	256610	3	9.75	1887400	20.0
Hexadecane	10.19	2.5	ng	240478	3	9.75	1887400	20.0
Tridecane	10.66	5.0	ng	388204	4	11.23	1554200	20.0
Nonane, 5-butyl-	11.10	3.0	ng	232477	4	11.23	1554200	20.0
Tetracosane	11.53	2.4	ng	185411	4	11.23	1554200	20.0
Hexadecanoic acid...	11.63	40.9	ng	3179820	4	11.23	1554200	20.0
Phenanthrene, 2-m...	11.76	2.8	ng	213796	4	11.23	1554200	20.0
4H-Cyclopenta[def...	11.85	2.9	ng	225109	4	11.23	1554200	20.0
9,12-Octadecadien...	12.33	117.6	ng	9140580	4	11.23	1554200	20.0
12-Octadecenoic a...	12.35	64.6	ng	5017900	4	11.23	1554200	20.0
11H-Benzo[b]fluorene	13.00	4.1	ng	275351	5	13.86	1348340	20.0
Fluoranthene, 2-m...	13.07	4.4	ng	296598	5	13.86	1348340	20.0
1,6-Cyclodecadiene	13.17	4.3	ng	292899	5	13.86	1348340	20.0
unknown13.21	13.21	4.6	ng	307615	5	13.86	1348340	20.0
N,N-Dimethyloctyl...	14.75	3.7	ng	196735	6	15.28	1067300	20.0
Benzo[e]pyrene	15.16	3.3	ng	173518	6	15.28	1067300	20.0