LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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	4.904	475	479	488	rVB	32161	42401	1.93%	0.138%
2	5.328	547	551	571	rBV	1940770	1925873	87.70%	6.246%
3	6.363	723	727	741	rBV	2223342	2196022	100.00%	7.122%
4	6.492	745	749	756	rVV	2105133	1977663	90.06%	6.414%
5	6.545	756	758	763	rVB2	22333	27389	1.25%	0.089%
6	6.722	784	788	795	rBV	1111037	969512	44.15%	3.144%
7	6.875	810	814	823	rBV	1697254	1479400	67.37%	4.798%
8	7.286	880	884	887	rBV	907682	895000	40.76%	2.903%
9	7.463	911	914	917	rVB	35436	28735	1.31%	0.093%
10	8.004	999	1006	1009	rBV	1466446	1302788	59.32%	4.225%
11	8.592	1103	1106	1110	rBV	53227	43214	1.97%	0.140%
12	8.716	1125	1127	1132	rBV	39377	39738	1.81%	0.129%
13	8.816	1141	1144	1152	rVB	45296	52456	2.39%	0.170%
14	9.022	1176	1179	1185	rBV4	27592	28857	1.31%	0.094%
15	9.075	1185	1188	1198	rVV	1981199	1904970	86.75%	6.178%
16	9.157	1199	1202	1204	rVV	87580	82328	3.75%	0.267%
17	9.180	1204	1206	1212	rVB2	22595	25779	1.17%	0.084%
18	9.351	1230	1235	1238	rBV2	37313	55107	2.51%	0.179%
19	9.416	1243	1246	1249	rVV2	64397	75726	3.45%	0.246%
20	9.475	1252	1256	1263	rVB	231781	243599	11.09%	0.790%
21	9.533	1263	1266	1270	rBV3	42960	39601	1.80%	0.128%
22	9.616	1277	1280	1283	rBV	63316	61280	2.79%	0.199%
23	9.686	1289	1292	1296	rVB	125494	106953	4.87%	0.347%
24	9.757	1300	1304	1307	rVV2	1327879	1186272	54.02%	3.847%
25	9.786	1307	1309	1313	rVB	137859	134391	6.12%	0.436%
26	9.857	1319	1321	1326	rVB4	23577	34079	1.55%	0.111%
27	9.910	1326	1330	1333	rBV4	27184	43004	1.96%	0.139%
28	9.963	1336	1339	1343	rVV2	101563	110258	5.02%	0.358%
29	9.998	1343	1345	1349	rVB3	55457	58520	2.66%	0.190%
30	10.075	1354	1358	1360	rBV	34106	39099	1.78%	0.127%
31	10.157	1369	1372	1374	rBV3	30606	38797	1.77%	0.126%
32	10.180	1374	1376	1379	rVB	158562	128342	5.84%	0.416%
33	10.304	1394	1397	1402	rVB	203696	188265	8.57%	0.611%
34	10.369	1404	1408	1410	rBV3	16905	22306	1.02%	0.072%

LSC Area Percent Report

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Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.392	1410	1412	1420	rVV3	43664	79519	3.62%	0.258%
36	10.457	1420	1423	1426	rVB2	33268	34352	1.56%	0.111%
37	10.545	1435	1438	1449	rVB	671209	732610	33.36%	2.376%
38	10.657	1454	1457	1466	rVB2	135107	179810	8.19%	0.583%
39	10.851	1486	1490	1493	rBV2	57592	75993	3.46%	0.246%
40	10.880	1493	1495	1498	rVB	36016	31972	1.46%	0.104%
41	10.933	1502	1504	1508	rVB2	31582	25479	1.16%	0.083%
42	10.980	1508	1512	1514	rBV5	26605	36629	1.67%	0.119%
43	11.104	1528	1533	1535	rBV2	83980	79244	3.61%	0.257%
44	11.139	1535	1539	1543	rVB2	90527	107588	4.90%	0.349%
45	11.245	1553	1557	1559	rBV	1070171	1012470	46.10%	3.284%
46	11.269	1559	1561	1566	rVV	1207749	946758	43.11%	3.071%
47	11.322	1566	1570	1573	rVB	355823	313076	14.26%	1.015%
48	11.480	1593	1597	1603	rBV	85153	115661	5.27%	0.375%
49	11.533	1603	1606	1609	rVV2	61591	67922	3.09%	0.220%
50	11.574	1611	1613	1619	rVV3	33554	42042	1.91%	0.136%
51	11.633	1619	1623	1625	rVV	317567	269964	12.29%	0.876%
52	11.657	1625	1627	1631	rVB	23003	26468	1.21%	0.086%
53	11.745	1639	1642	1644	rBV	159836	138923	6.33%	0.451%
54	11.774	1644	1647	1651	rVB	201621	171839	7.83%	0.557%
55	11.821	1653	1655	1658	rVV	66515	53300	2.43%	0.173%
56	11.857	1658	1661	1663	rVV	264497	257206	11.71%	0.834%
57	11.880	1663	1665	1668	rVB	114121	94816	4.32%	0.308%
58	11.933	1671	1674	1677	rBV2	37667	40337	1.84%	0.131%
59	12.039	1689	1692	1696	rBV	85641	88849	4.05%	0.288%
60	12.074	1696	1698	1702	rVB3	37538	37078	1.69%	0.120%
61	12.186	1716	1717	1720	rVV	35212	27057	1.23%	0.088%
62	12.221	1720	1723	1725	rVV	49795	43265	1.97%	0.140%
63	12.245	1725	1727	1731	rVB3	35344	32204	1.47%	0.104%
64	12.292	1732	1735	1737	rBV	112099	130448	5.94%	0.423%
65	12.316	1737	1739	1741	rVV	966681	847809	38.61%	2.750%
66	12.339	1741	1743	1748	rVV	753718	688780	31.36%	2.234%
67	12.386	1748	1751	1754	rVB2	47649	55420	2.52%	0.180%
68	12.421	1754	1757	1760	rVB	120463	95886	4.37%	0.311%
69	12.457	1760	1763	1767	rBV	1328909	1115185	50.78%	3.617%
70	12.498	1768	1770	1772	rBV	24607	24315	1.11%	0.079%
71	12.610	1786	1789	1792	rBV	54300	51533	2.35%	0.167%

LSC Area Percent Report

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Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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72	12.686	1796	1802	1808	rBV	1121780	1263184	57.52%	4.097%
73	12.739	1808	1811	1815	rVB3	56875	71711	3.27%	0.233%
74	12.827	1819	1826	1829	rBV	1425347	1343952	61.20%	4.359%
75	12.910	1835	1840	1843	rBV3	79720	139152	6.34%	0.451%
76	12.986	1850	1853	1855	rBV3	70795	84929	3.87%	0.275%
77	13.016	1855	1858	1862	rVB	166983	162599	7.40%	0.527%
78	13.057	1862	1865	1867	rBV2	55177	67995	3.10%	0.221%
79	13.080	1867	1869	1872	rVB	130548	103534	4.71%	0.336%
80	13.121	1872	1876	1878	rBV2	103382	114493	5.21%	0.371%
81	13.210	1888	1891	1894	rBV	83337	73130	3.33%	0.237%
82	13.245	1894	1897	1900	rBV	64172	80857	3.68%	0.262%
83	13.398	1920	1923	1925	rBV	68835	69900	3.18%	0.227%
84	13.633	1961	1963	1965	rBV	80431	69868	3.18%	0.227%
85	13.727	1976	1979	1988	rVB5	133833	217709	9.91%	0.706%
86	13.886	2001	2006	2009	rBV2	1012058	1349397	61.45%	4.376%
87	13.910	2009	2010	2018	rVB	437060	344525	15.69%	1.117%
88	14.039	2030	2032	2037	rBV4	101172	95840	4.36%	0.311%
89	14.345	2082	2084	2087	rBV2	113681	104291	4.75%	0.338%
90	14.910	2177	2180	2187	rBV	239247	394915	17.98%	1.281%
91	15.262	2237	2240	2245	rVB	221332	262353	11.95%	0.851%
92	15.321	2246	2250	2254	rBV2	541676	659216	30.02%	2.138%

Sum of corrected areas: 30833081

LSC Report - Integrated Chromatogram

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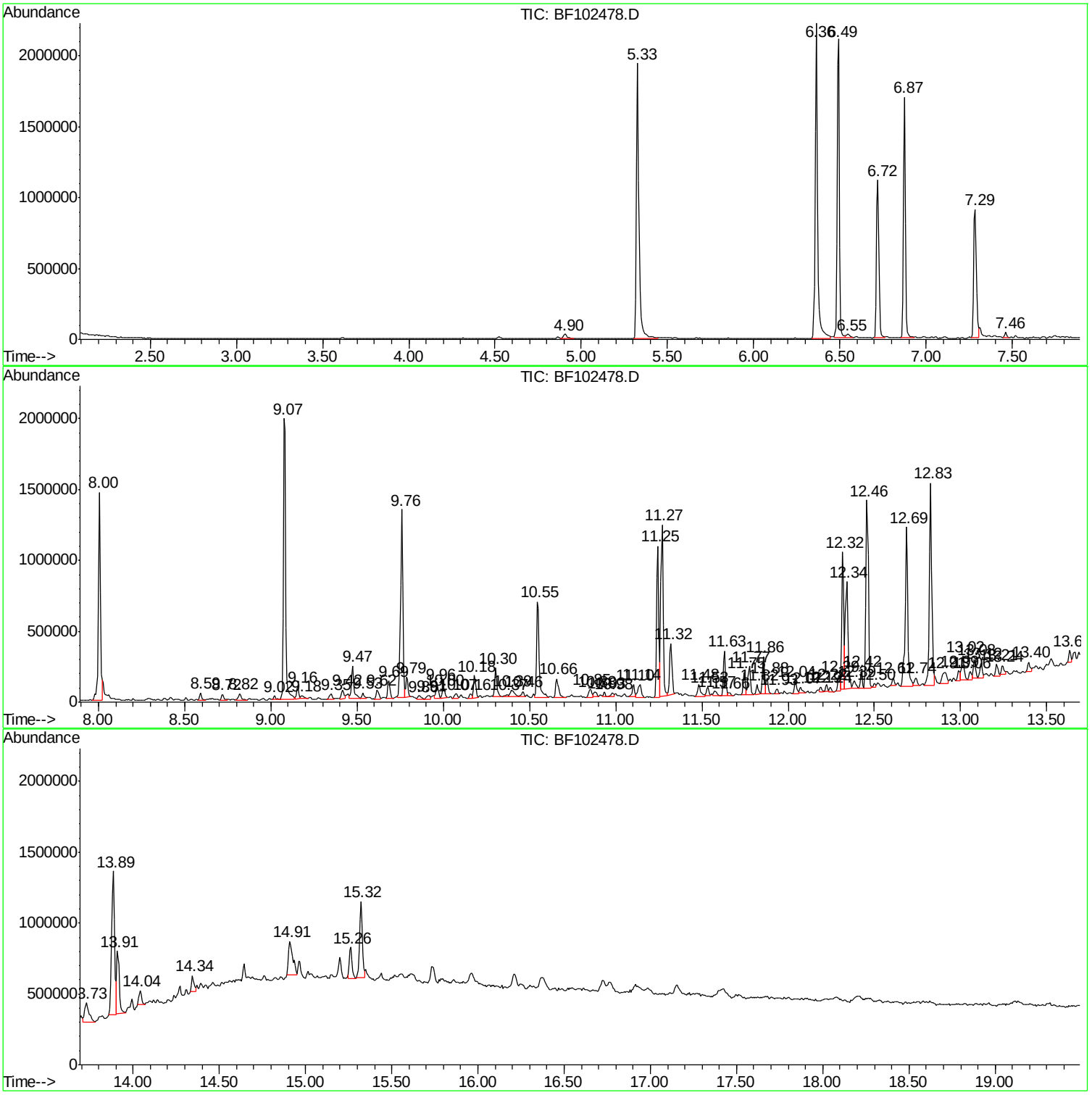
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
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Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

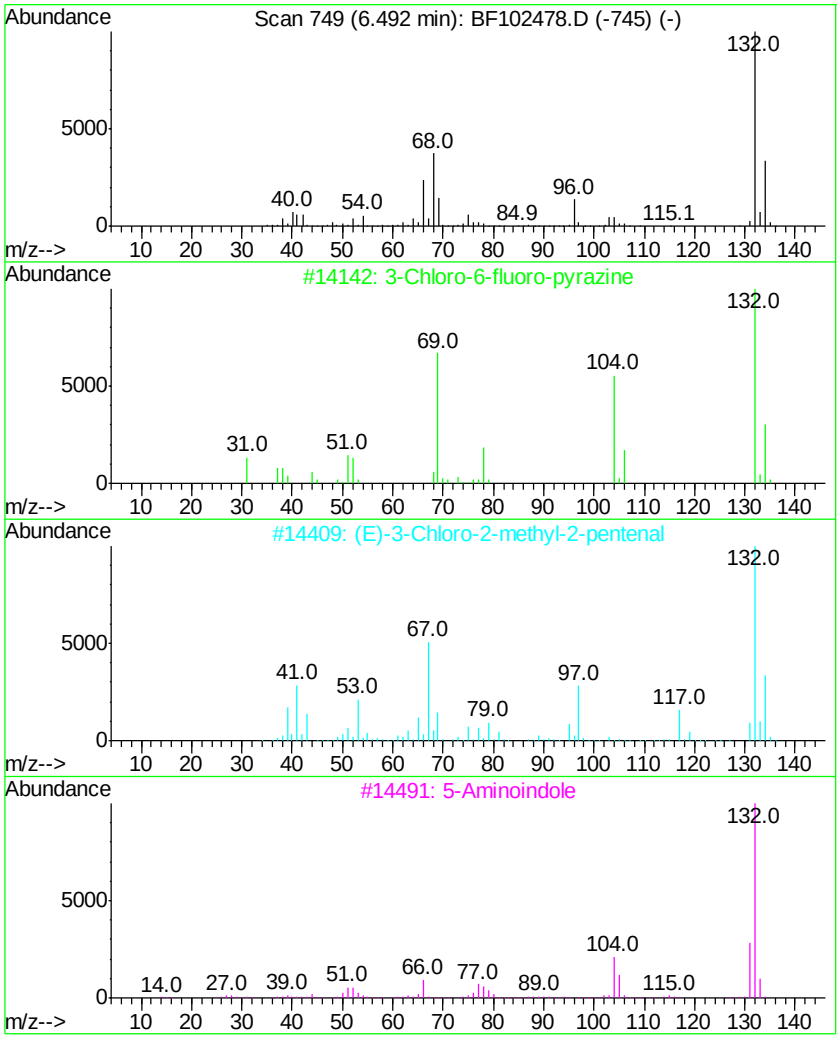
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

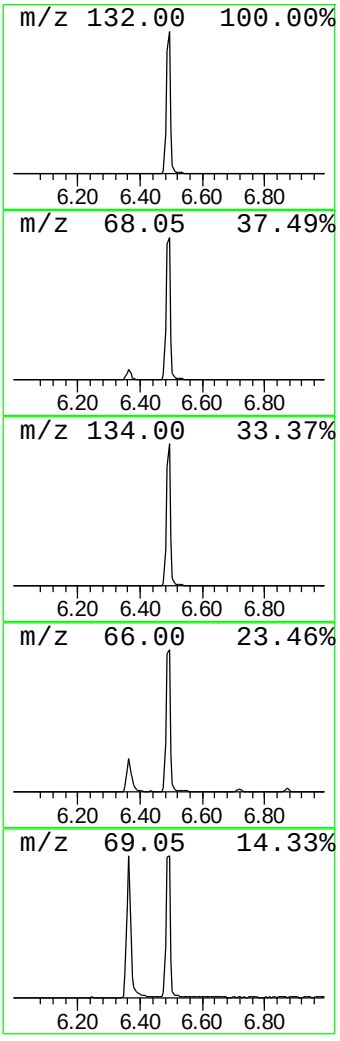
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	40.80 ng	1977660	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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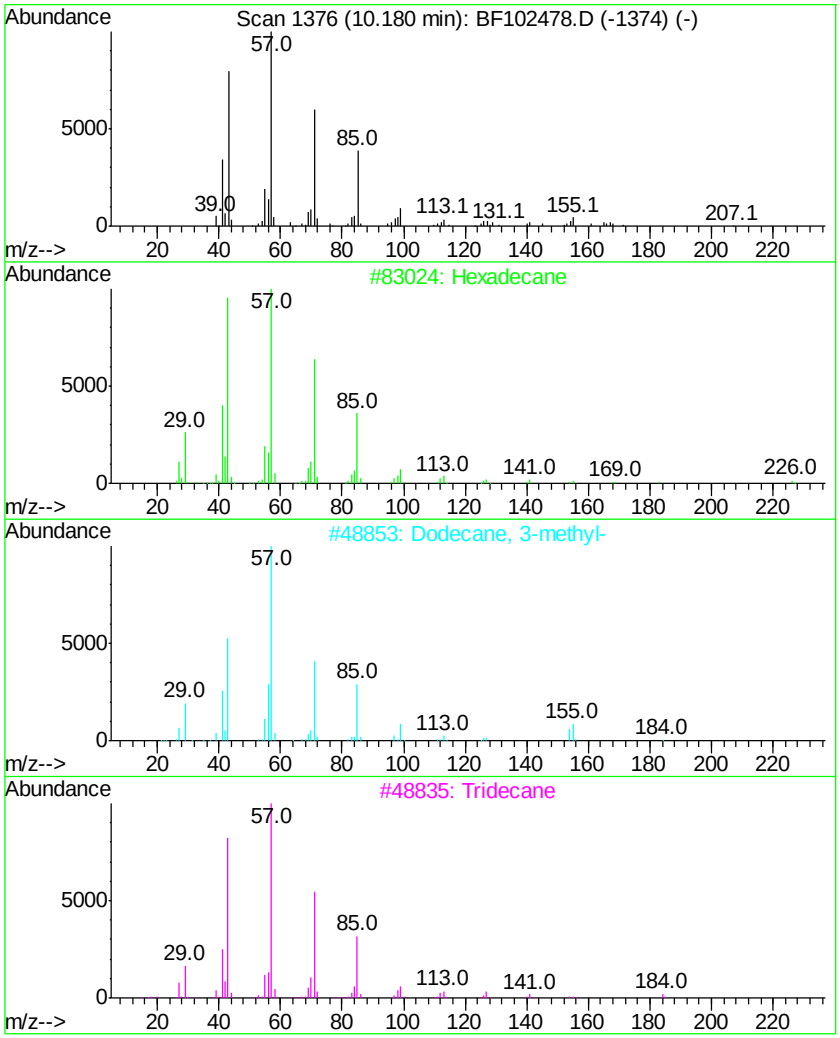
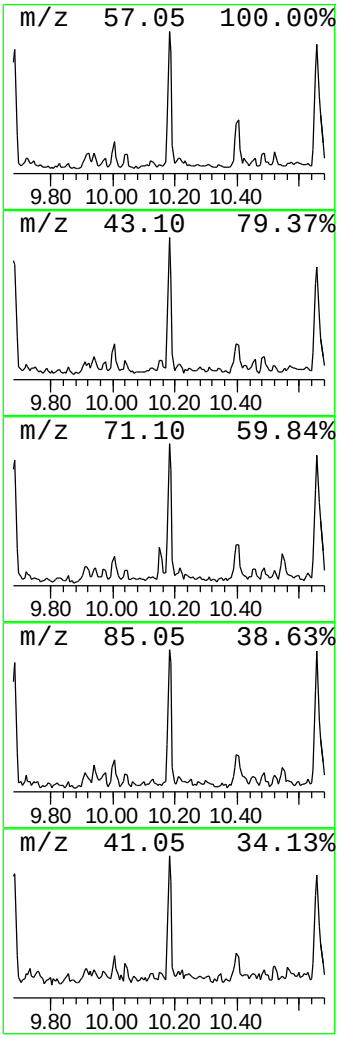
Peak Number 3 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.16 ng	128342	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3	Tridecane	184	C13H28	000629-50-5	64
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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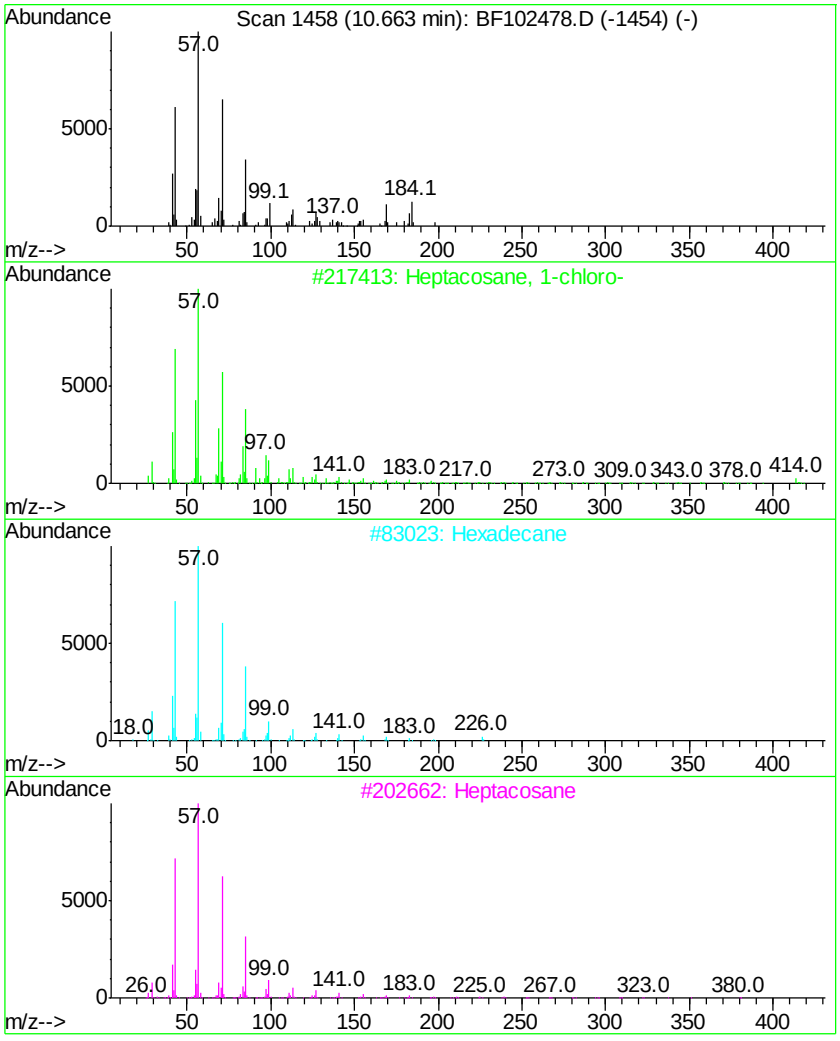
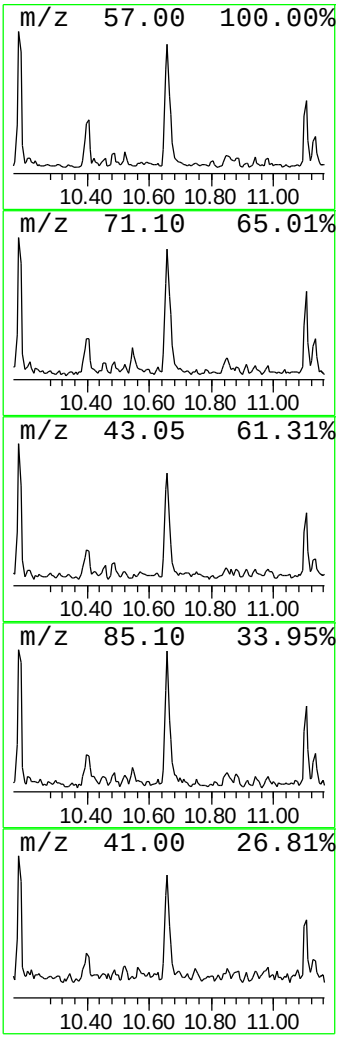
Peak Number 4 Heptacosane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.55 ng	179810	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octadecane	254	C18H38	000593-45-3	86
5	Docosane	310	C22H46	000629-97-0	86





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

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

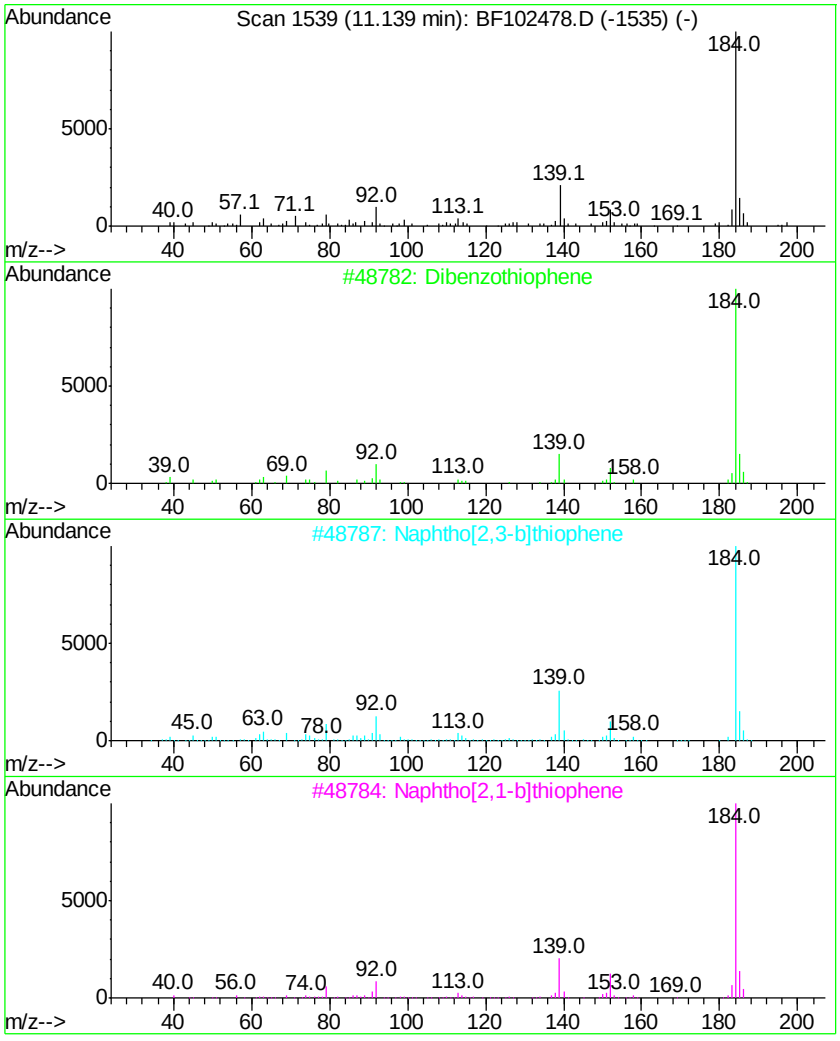
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

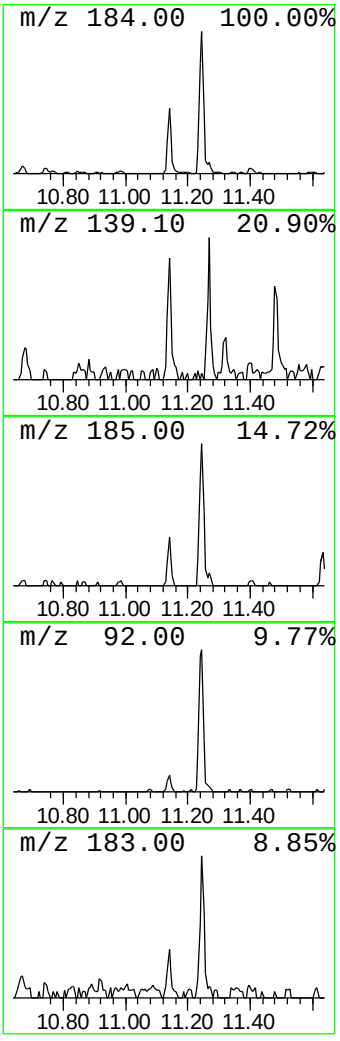
****

Peak Number 5 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.13 ng	107588	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
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Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

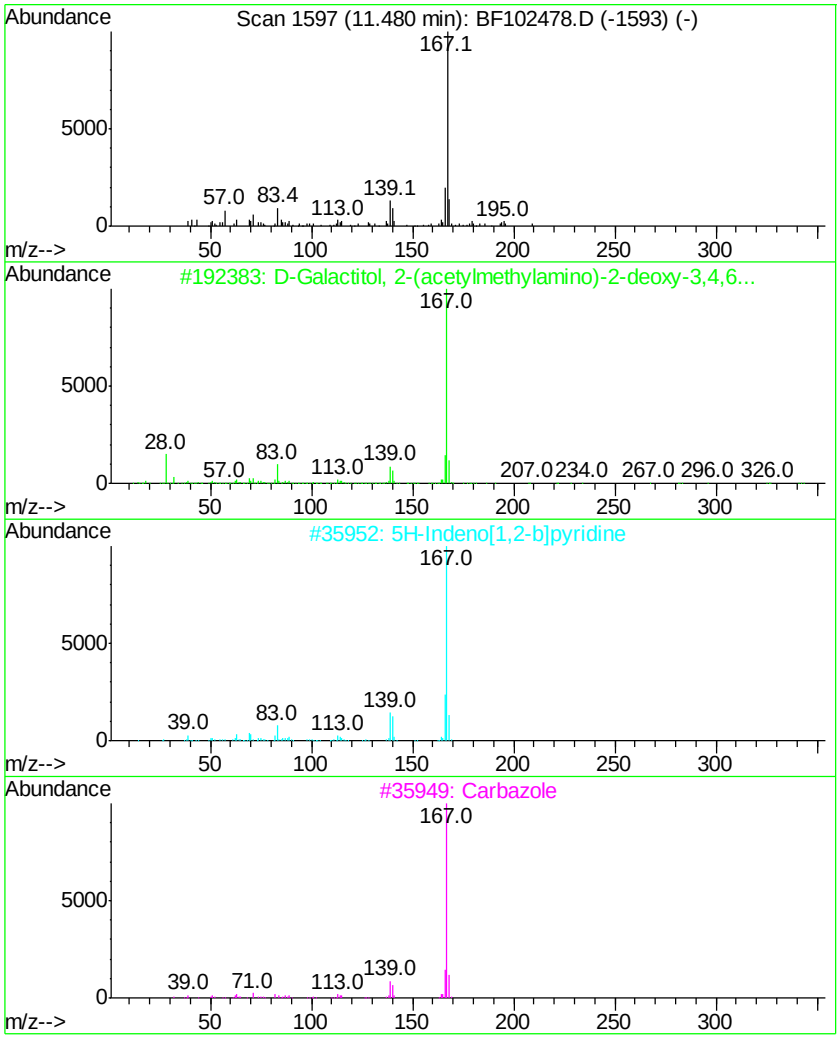
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

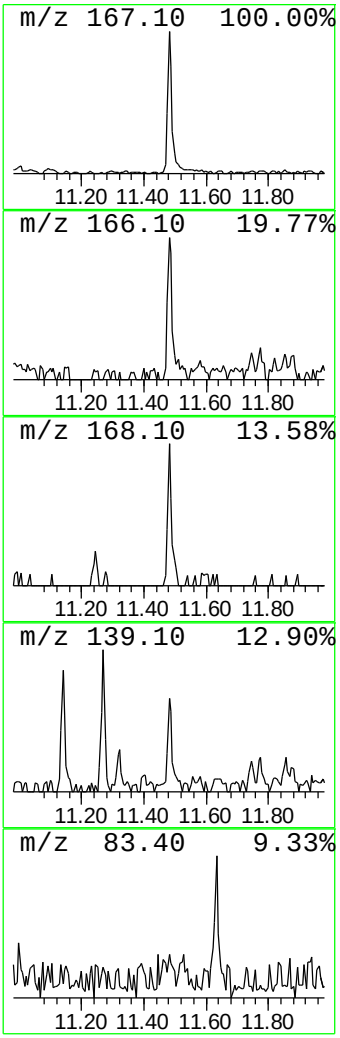
****

Peak Number 6 D-Galactitol, 2-(acetylmeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.28 ng	115661	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	90
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	87
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
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Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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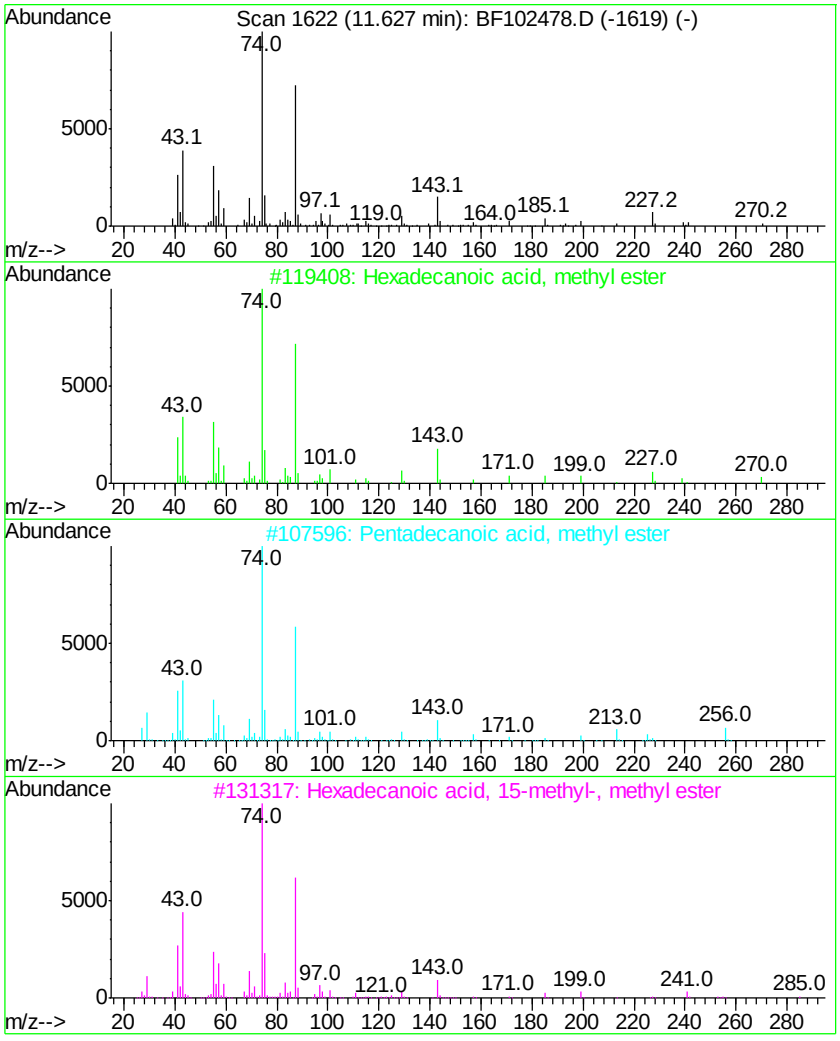
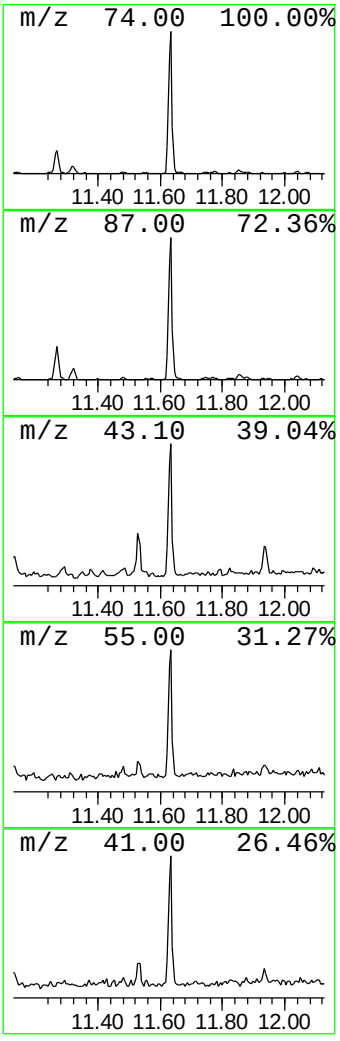
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	5.33 ng	269964	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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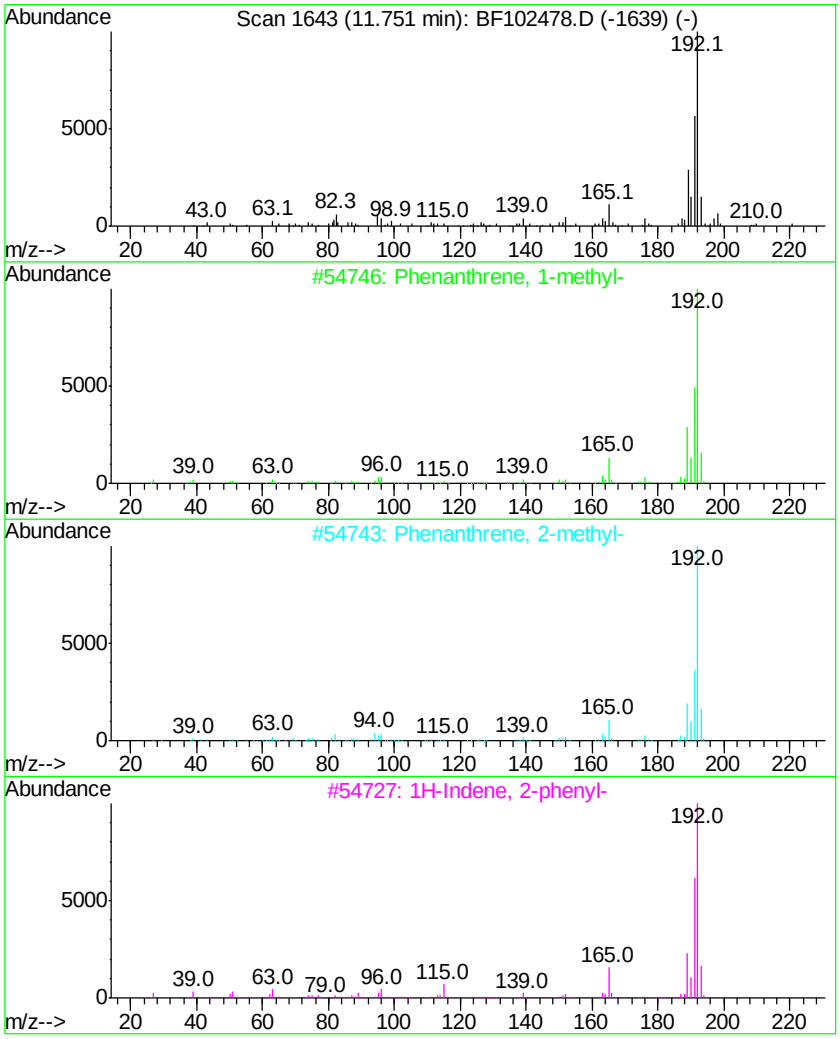
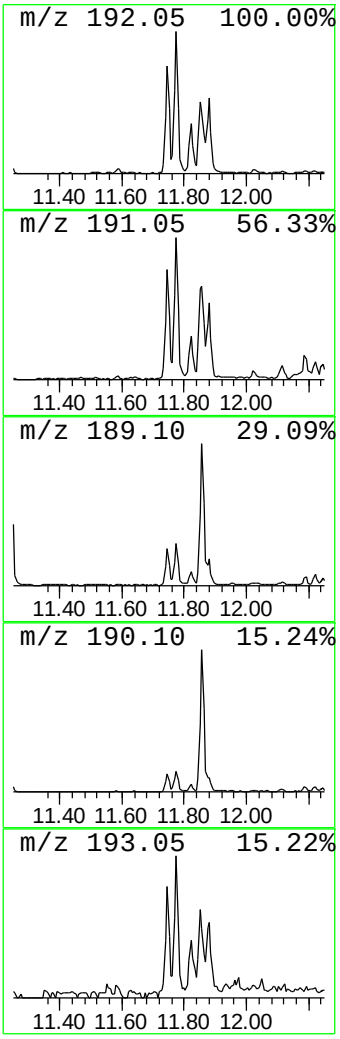
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.74 ng	138923	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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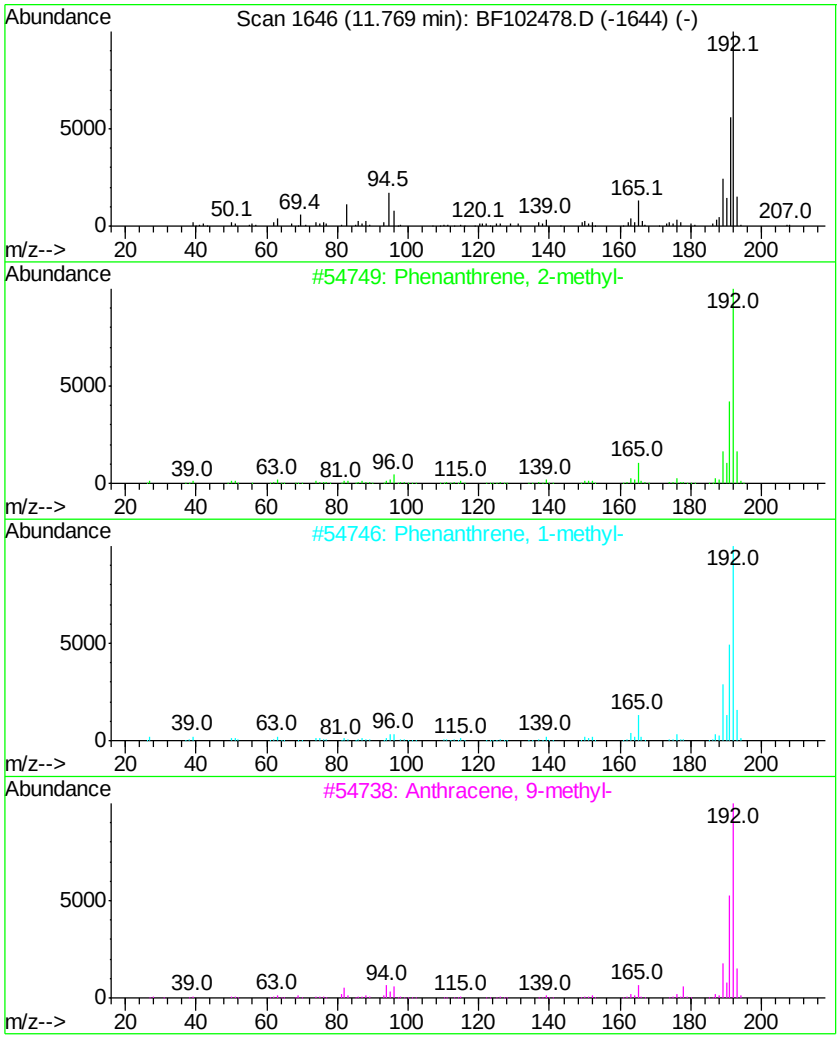
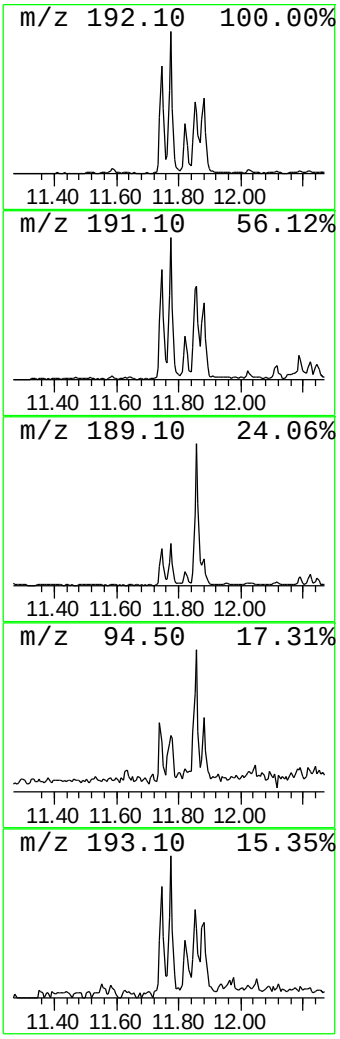
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.39 ng	171839	Phenanthrene-d10	11.25

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





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Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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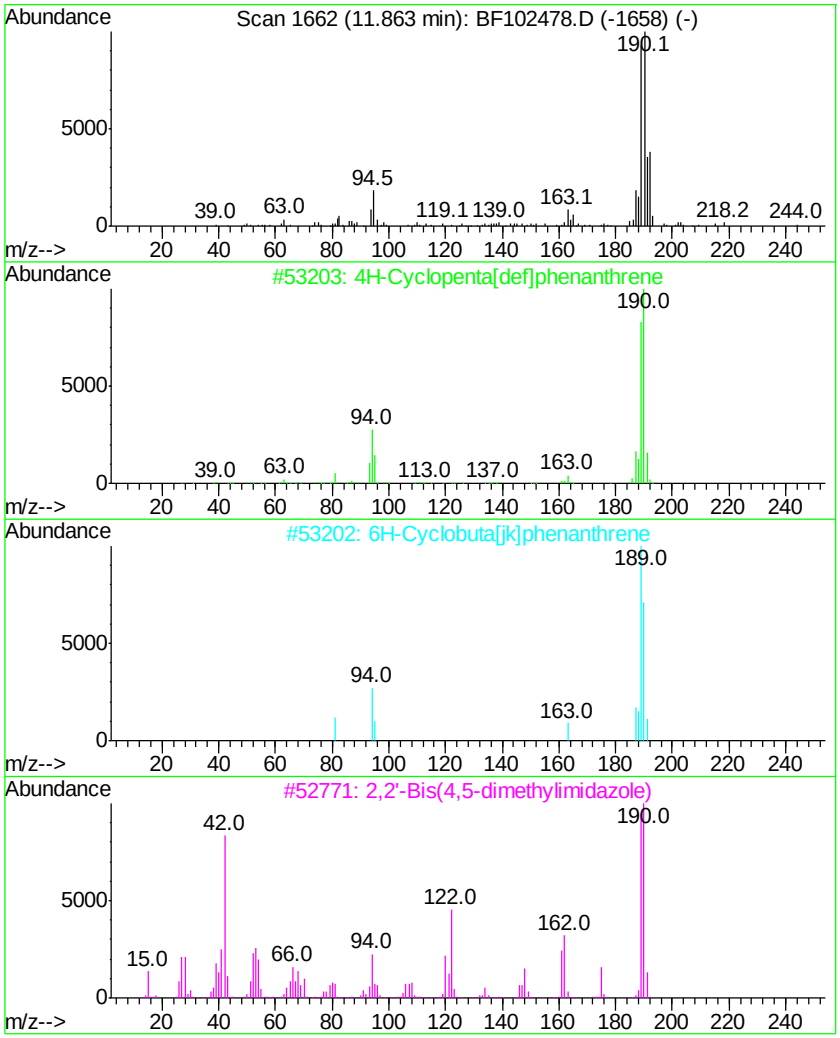
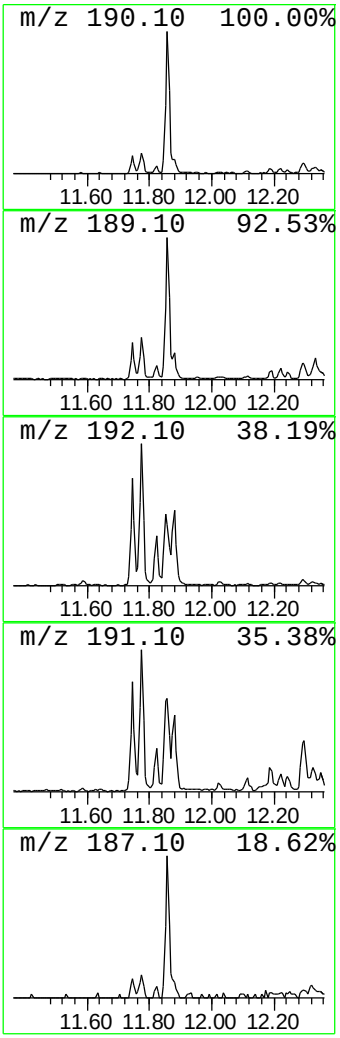
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.08 ng	257206	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000329-17-1	35
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27





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Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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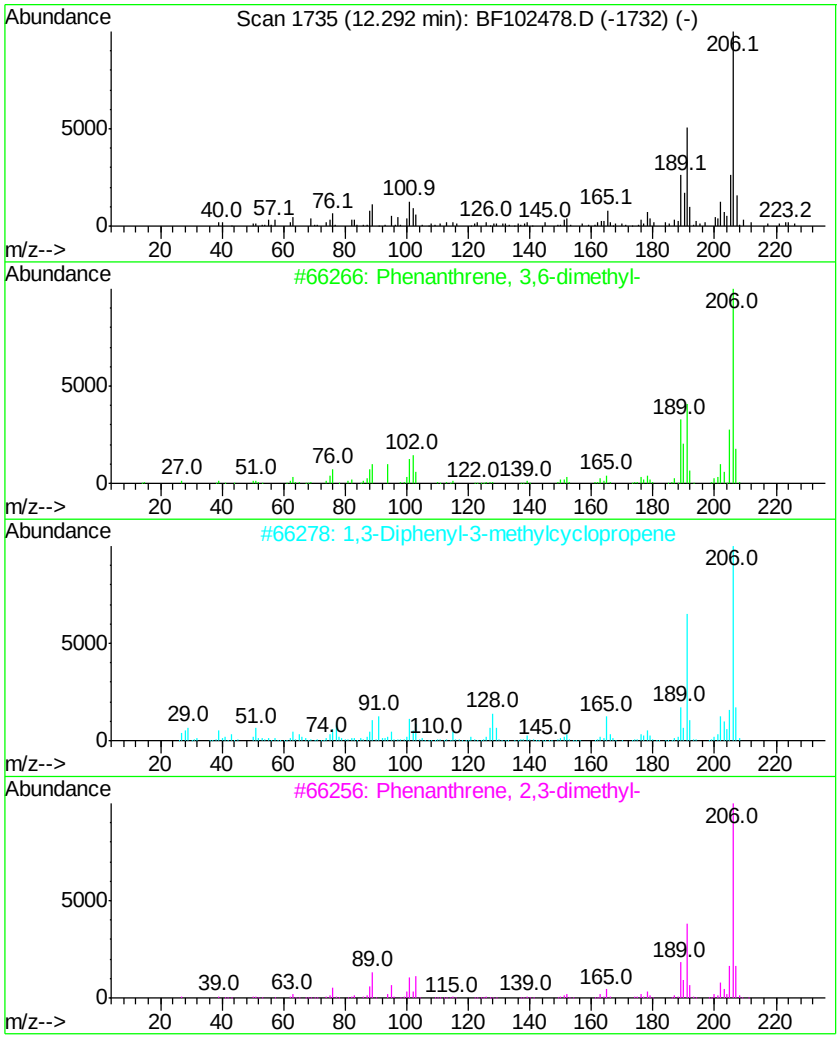
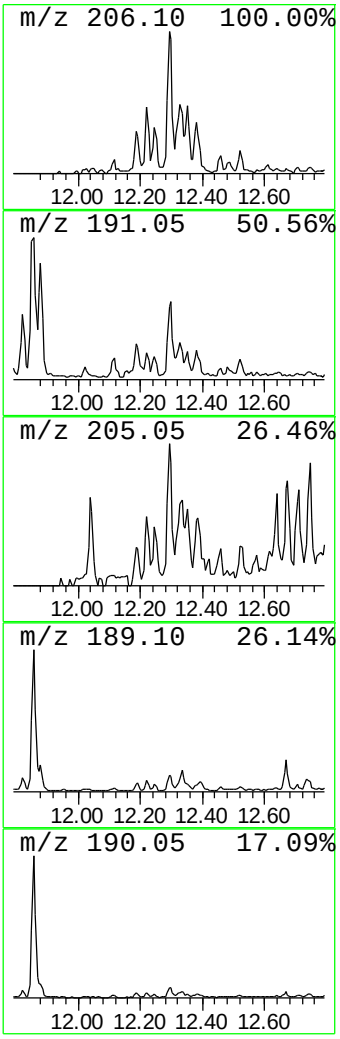
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.58 ng	130448	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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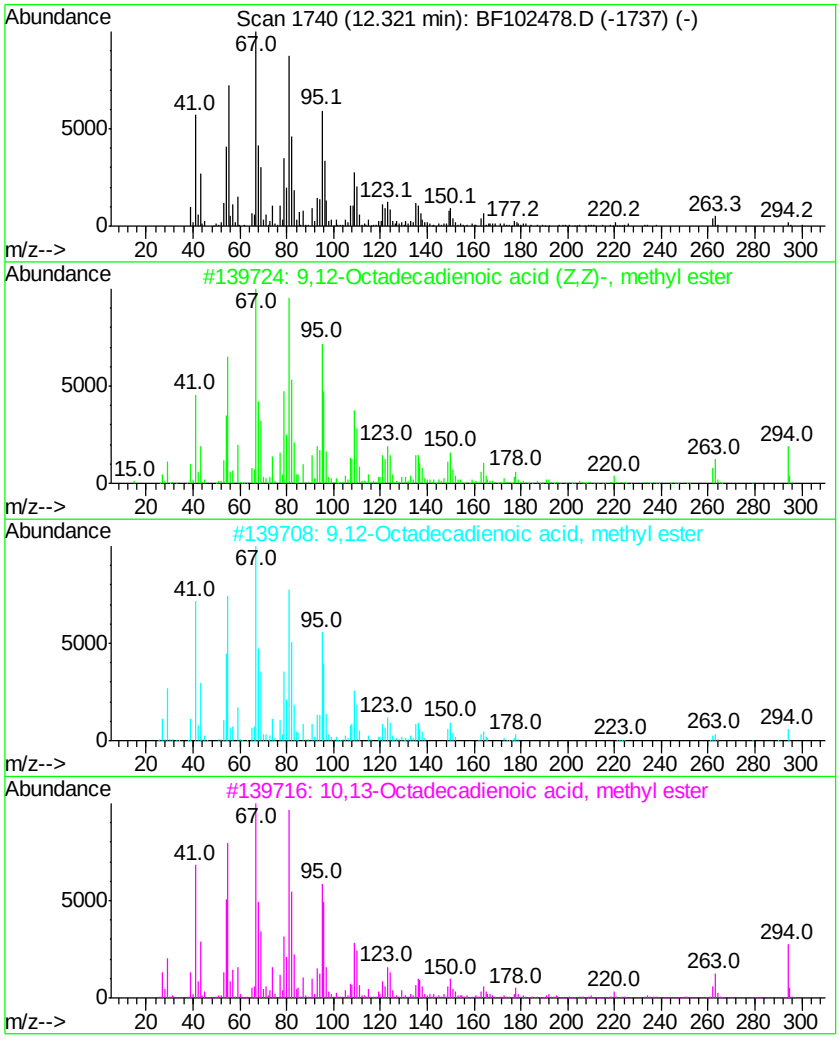
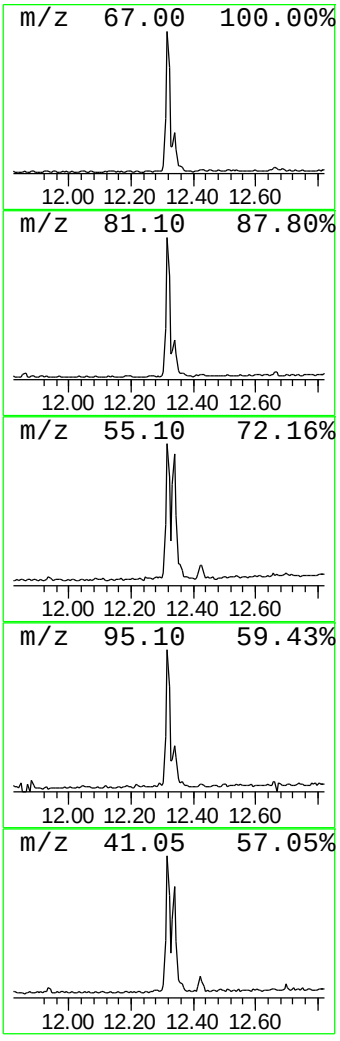
Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	16.75 ng	847809	Phenanthrene-d10	11.25

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95





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Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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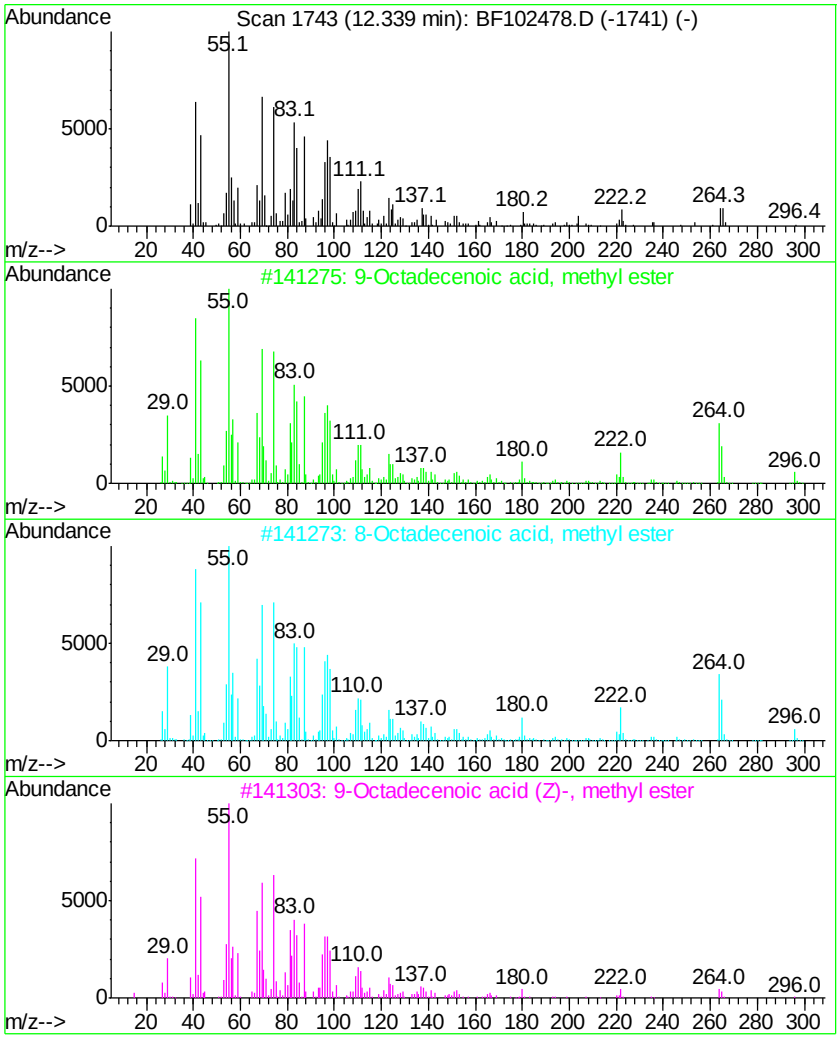
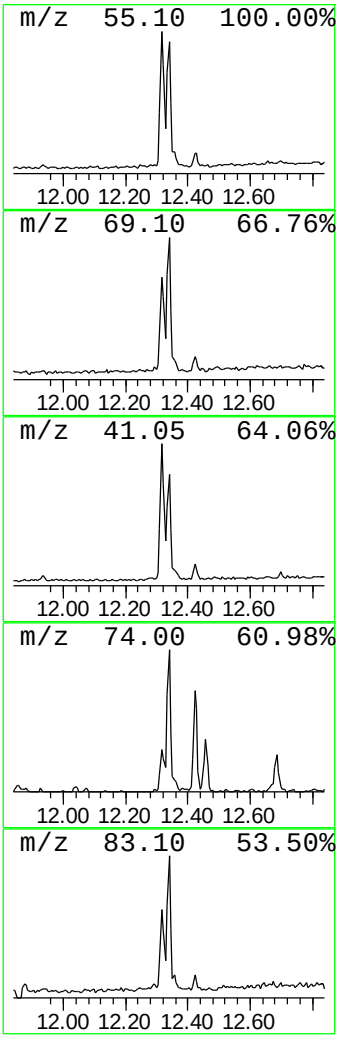
Peak Number 13 9-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	13.61 ng	688780	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	93
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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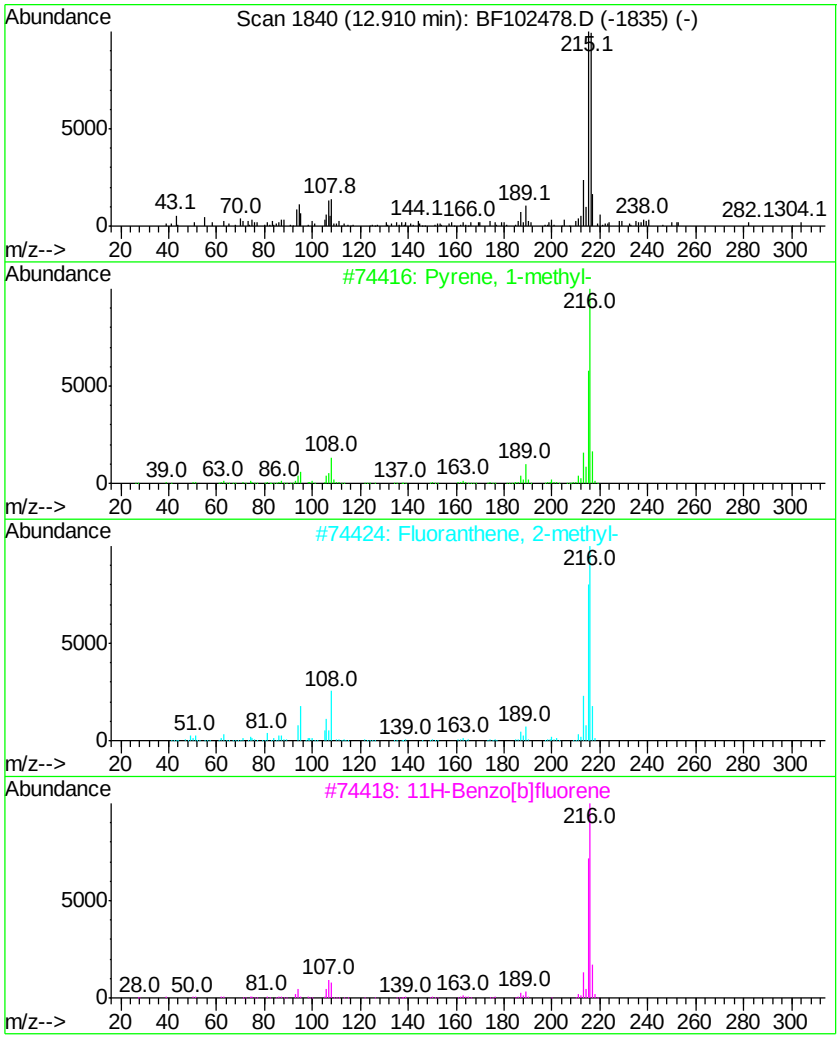
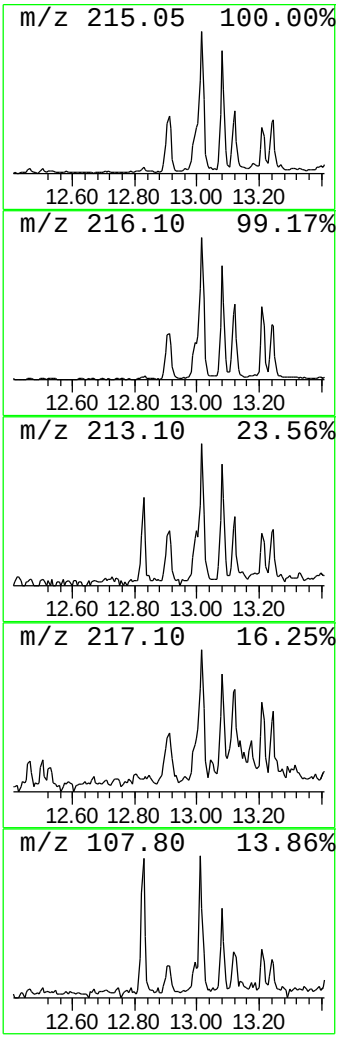
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.06 ng	139152	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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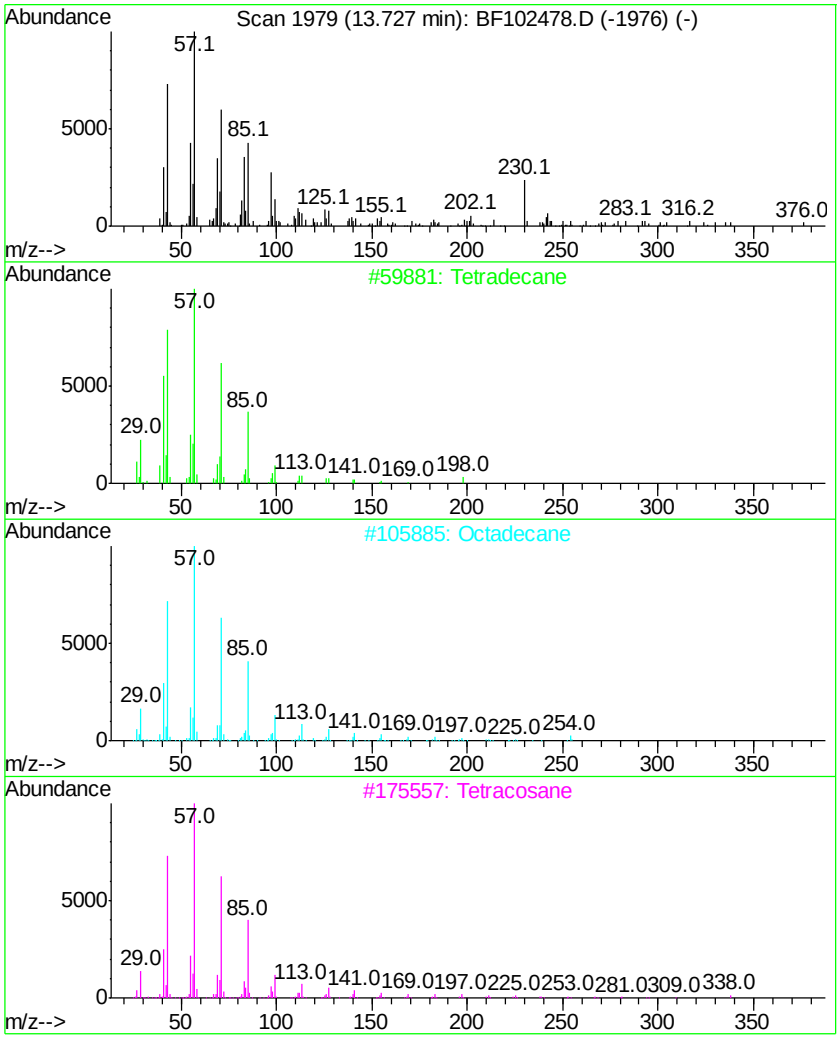
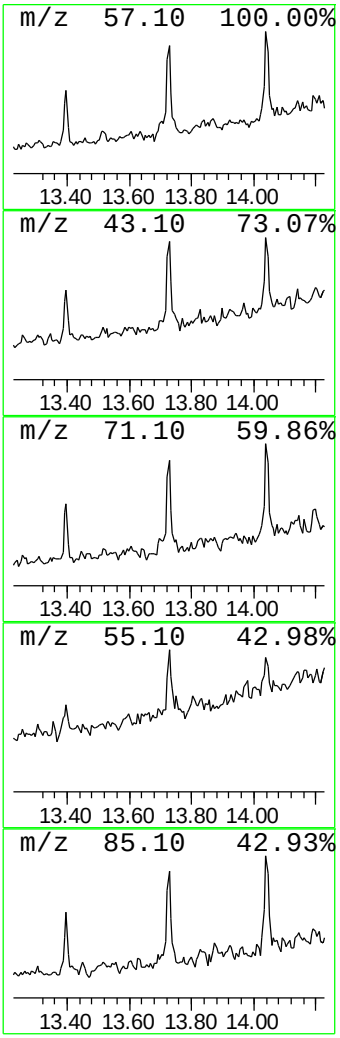
Peak Number 16 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.23 ng	217709	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Octadecane	254	C18H38	000593-45-3	78
3	Tetracosane	338	C24H50	000646-31-1	78
4	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	72
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72





Tentatively Identified Compound (LSC) summary

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Data File : BF102478.D
Acq On : 26 Jan 2018 19:36
Operator : SJ/JU
Sample : J1020-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-012418-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	40.8	ng	1977660	1	6.72	969512	20.0
Hexadecane	10.18	2.2	ng	128342	3	9.76	1186270	20.0
Heptacosane, 1-ch...	10.66	3.5	ng	179810	4	11.25	1012470	20.0
Dibenzothiophene	11.14	2.1	ng	107588	4	11.25	1012470	20.0
D-Galactitol, 2-(...	11.48	2.3	ng	115661	4	11.25	1012470	20.0
Hexadecanoic acid...	11.63	5.3	ng	269964	4	11.25	1012470	20.0
Phenanthrene, 1-m...	11.75	2.7	ng	138923	4	11.25	1012470	20.0
Phenanthrene, 2-m...	11.77	3.4	ng	171839	4	11.25	1012470	20.0
4H-Cyclopenta[def...	11.86	5.1	ng	257206	4	11.25	1012470	20.0
Phenanthrene, 3,6...	12.29	2.6	ng	130448	4	11.25	1012470	20.0
9,12-Octadecadien...	12.32	16.8	ng	847809	4	11.25	1012470	20.0
9-Octadecenoic ac...	12.34	13.6	ng	688780	4	11.25	1012470	20.0
Pyrene, 1-methyl-	12.91	2.1	ng	139152	5	13.89	1349400	20.0
Tetradecane	13.73	3.2	ng	217709	5	13.89	1349400	20.0