LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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	486	rBV	28754	38067	1.75%	0.113%
2	5.328	547	551	570	rBV	1906638	1890422	86.70%	5.607%
3	6.363	723	727	745	rBV	2233821	2180293	100.00%	6.467%
4	6.492	745	749	756	rVV	2006507	1933905	88.70%	5.736%
5	6.722	784	788	802	rBV	1100785	996864	45.72%	2.957%
6	6.875	810	814	828	rBV	1650527	1445635	66.30%	4.288%
7	7.286	880	884	895	rBV	909888	956868	43.89%	2.838%
8	8.004	1002	1006	1009	rBV	1516997	1262477	57.90%	3.745%
9	8.592	1103	1106	1109	rBV	37634	34666	1.59%	0.103%
10	8.716	1124	1127	1133	rBV	89218	89153	4.09%	0.264%
11	8.816	1140	1144	1151	rBV	111006	106867	4.90%	0.317%
12	9.022	1176	1179	1185	rBV3	35152	40544	1.86%	0.120%
13	9.075	1185	1188	1199	rVV	1940460	1867499	85.65%	5.539%
14	9.157	1199	1202	1204	rVV	85419	77164	3.54%	0.229%
15	9.180	1204	1206	1211	rVB	33052	37214	1.71%	0.110%
16	9.275	1220	1222	1227	rVB	31199	33445	1.53%	0.099%
17	9.345	1230	1234	1238	rBV	70976	88248	4.05%	0.262%
18	9.416	1243	1246	1248	rVV	108848	110790	5.08%	0.329%
19	9.445	1248	1251	1252	rVV	59250	64028	2.94%	0.190%
20	9.475	1252	1256	1263	rVB	332270	345112	15.83%	1.024%
21	9.533	1263	1266	1272	rBV	69110	70043	3.21%	0.208%
22	9.616	1277	1280	1285	rBV	119547	112657	5.17%	0.334%
23	9.686	1289	1292	1295	rVB	122829	105212	4.83%	0.312%
24	9.757	1296	1304	1307	rBV	1451122	1273018	58.39%	3.776%
25	9.786	1307	1309	1313	rVB	215670	189553	8.69%	0.562%
26	9.863	1319	1322	1326	rVB2	38097	49141	2.25%	0.146%
27	9.910	1326	1330	1333	rBV3	39608	55629	2.55%	0.165%
28	9.963	1334	1339	1342	rVV2	143097	166118	7.62%	0.493%
29	10.004	1342	1346	1349	rVB3	70681	78298	3.59%	0.232%
30	10.075	1355	1358	1360	rBV	52387	58744	2.69%	0.174%
31	10.104	1360	1363	1369	rVB3	37858	47732	2.19%	0.142%
32	10.163	1369	1373	1374	rBV2	42675	54400	2.50%	0.161%
33	10.180	1374	1376	1379	rVB	172396	140430	6.44%	0.417%
34	10.304	1394	1397	1403	rVB	274764	267198	12.26%	0.793%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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	10.369	1403	1408	1410	rBV2	49707	63864	2.93%	0.189%
36	10.392	1410	1412	1418	rVV3	67706	117897	5.41%	0.350%
37	10.457	1420	1423	1426	rVB2	51326	55707	2.56%	0.165%
38	10.545	1435	1438	1449	rVB	715705	804246	36.89%	2.385%
39	10.657	1454	1457	1465	rVB2	167236	227010	10.41%	0.673%
40	10.851	1486	1490	1493	rBV2	90300	111880	5.13%	0.332%
41	10.880	1493	1495	1498	rVV	68560	60520	2.78%	0.180%
42	10.933	1502	1504	1507	rVV2	56442	46321	2.12%	0.137%
43	10.980	1507	1512	1514	rVV2	44850	63712	2.92%	0.189%
44	10.998	1514	1515	1521	rVV3	41815	53922	2.47%	0.160%
45	11.051	1521	1524	1528	rVV2	36898	49129	2.25%	0.146%
46	11.104	1528	1533	1535	rVV2	127182	138066	6.33%	0.410%
47	11.139	1535	1539	1545	rVB2	131684	163616	7.50%	0.485%
48	11.245	1553	1557	1559	rBV	1109468	1030509	47.26%	3.057%
49	11.269	1559	1561	1567	rVV	1408075	1141555	52.36%	3.386%
50	11.321	1567	1570	1573	rVV	439328	390519	17.91%	1.158%
51	11.357	1573	1576	1578	rVB2	27215	30441	1.40%	0.090%
52	11.480	1593	1597	1602	rBV	90109	114675	5.26%	0.340%
53	11.533	1603	1606	1609	rVV2	96492	98197	4.50%	0.291%
54	11.574	1611	1613	1618	rVB3	64461	69394	3.18%	0.206%
55	11.633	1621	1623	1625	rBV	31452	24861	1.14%	0.074%
56	11.657	1625	1627	1631	rVB	39104	42183	1.93%	0.125%
57	11.698	1631	1634	1637	rBV4	25019	29674	1.36%	0.088%
58	11.745	1639	1642	1644	rBV	251401	222046	10.18%	0.659%
59	11.774	1644	1647	1651	rVB	322790	267722	12.28%	0.794%
60	11.821	1652	1655	1658	rVV	125735	112190	5.15%	0.333%
61	11.857	1658	1661	1663	rVV	408549	399015	18.30%	1.183%
62	11.880	1663	1665	1668	rVV	171631	142054	6.52%	0.421%
63	11.939	1671	1675	1679	rBV4	66086	81258	3.73%	0.241%
64	11.980	1679	1682	1684	rVB2	24091	22321	1.02%	0.066%
65	12.039	1689	1692	1695	rVV	139065	129489	5.94%	0.384%
66	12.074	1695	1698	1703	rVB3	51624	64534	2.96%	0.191%
67	12.168	1712	1714	1715	rBV2	29572	22684	1.04%	0.067%
68	12.186	1715	1717	1720	rVV	61904	59149	2.71%	0.175%
69	12.221	1720	1723	1725	rVV2	82006	75448	3.46%	0.224%
70	12.245	1725	1727	1731	rVB2	44277	39404	1.81%	0.117%
71	12.292	1732	1735	1738	rBV	176378	208323	9.55%	0.618%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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

72	12.333	1738	1742	1747	rVV4	274659	421128	19.32%	1.249%
73	12.386	1747	1751	1754	rVV3	83551	112620	5.17%	0.334%
74	12.421	1755	1757	1760	rVB3	34957	29490	1.35%	0.087%
75	12.457	1760	1763	1767	rBV	1467735	1312502	60.20%	3.893%
76	12.504	1768	1771	1772	rBV	37344	34309	1.57%	0.102%
77	12.521	1772	1774	1777	rVB2	36494	29477	1.35%	0.087%
78	12.551	1777	1779	1782	rVB2	44040	36554	1.68%	0.108%
79	12.610	1786	1789	1791	rVV	55558	56642	2.60%	0.168%
80	12.686	1796	1802	1808	rBV	1422237	1592588	73.04%	4.724%
81	12.739	1808	1811	1815	rVB2	76759	87682	4.02%	0.260%
82	12.827	1819	1826	1835	rBV	1395676	1421445	65.20%	4.216%
83	12.904	1835	1839	1843	rBV4	141825	221377	10.15%	0.657%
84	13.015	1851	1858	1861	rBV	263897	384864	17.65%	1.142%
85	13.080	1866	1869	1872	rBV	206818	167974	7.70%	0.498%
86	13.115	1872	1875	1878	rBV	178307	194071	8.90%	0.576%
87	13.174	1883	1885	1888	rBV3	42905	43061	1.98%	0.128%
88	13.210	1888	1891	1894	rBV	132475	125564	5.76%	0.372%
89	13.239	1894	1896	1900	rBV	123312	123623	5.67%	0.367%
90	13.633	1961	1963	1966	rBV	93062	78781	3.61%	0.234%
91	13.663	1966	1968	1970	rVB	103980	80633	3.70%	0.239%
92	13.686	1970	1972	1974	rBV	89432	87445	4.01%	0.259%
93	13.727	1976	1979	1988	rVB5	196871	345135	15.83%	1.024%
94	13.886	2001	2006	2009	rBV2	1075062	1573320	72.16%	4.667%
95	13.910	2009	2010	2017	rVB	564798	482941	22.15%	1.432%
96	14.909	2177	2180	2183	rBV	331639	460834	21.14%	1.367%
97	15.198	2227	2229	2235	rVB	190091	230689	10.58%	0.684%
98	15.262	2237	2240	2245	rVB	314519	366058	16.79%	1.086%
99	15.321	2246	2250	2253	rBV	483758	573110	26.29%	1.700%

Sum of corrected areas: 33714886

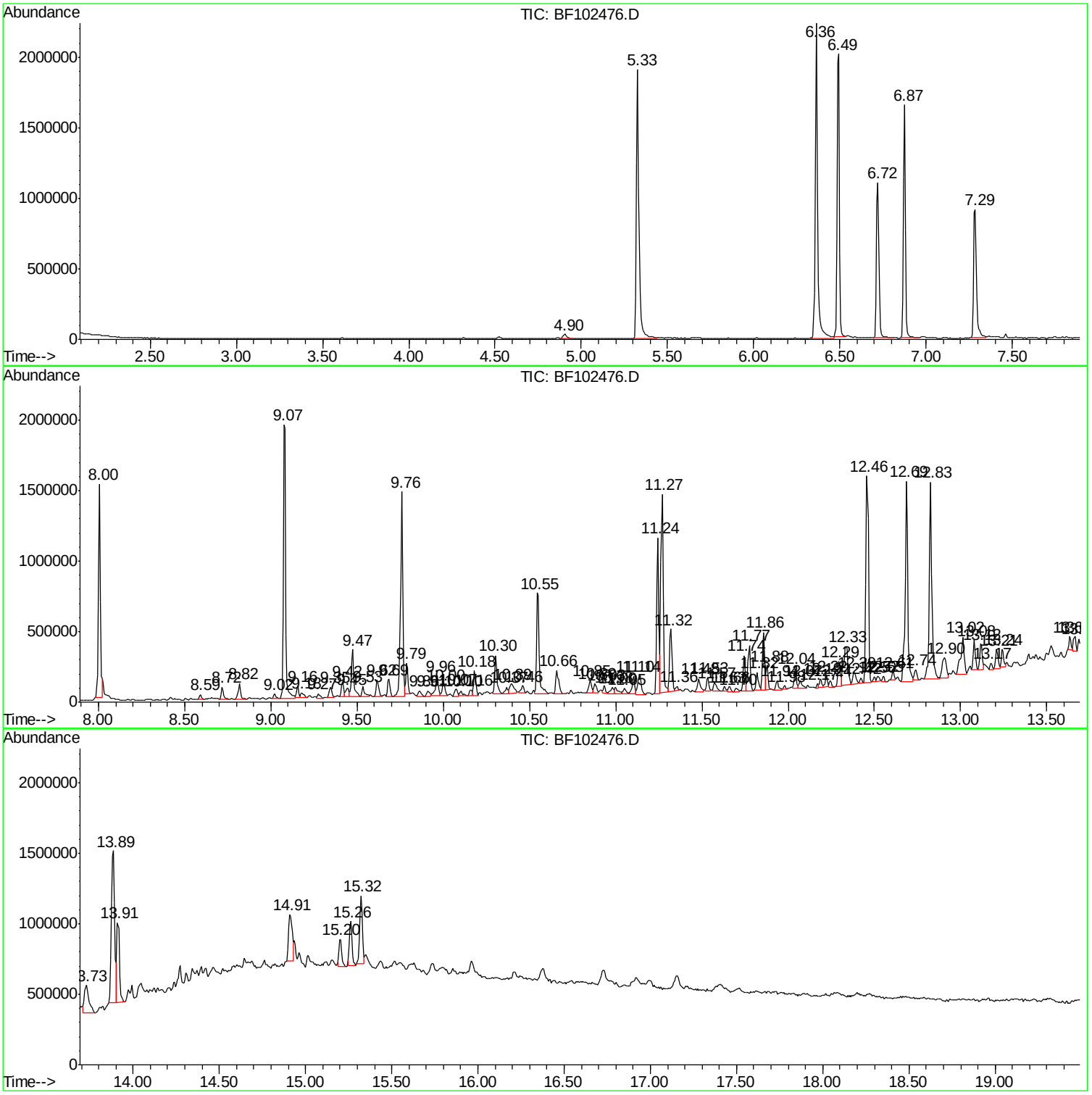
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-B

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 : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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

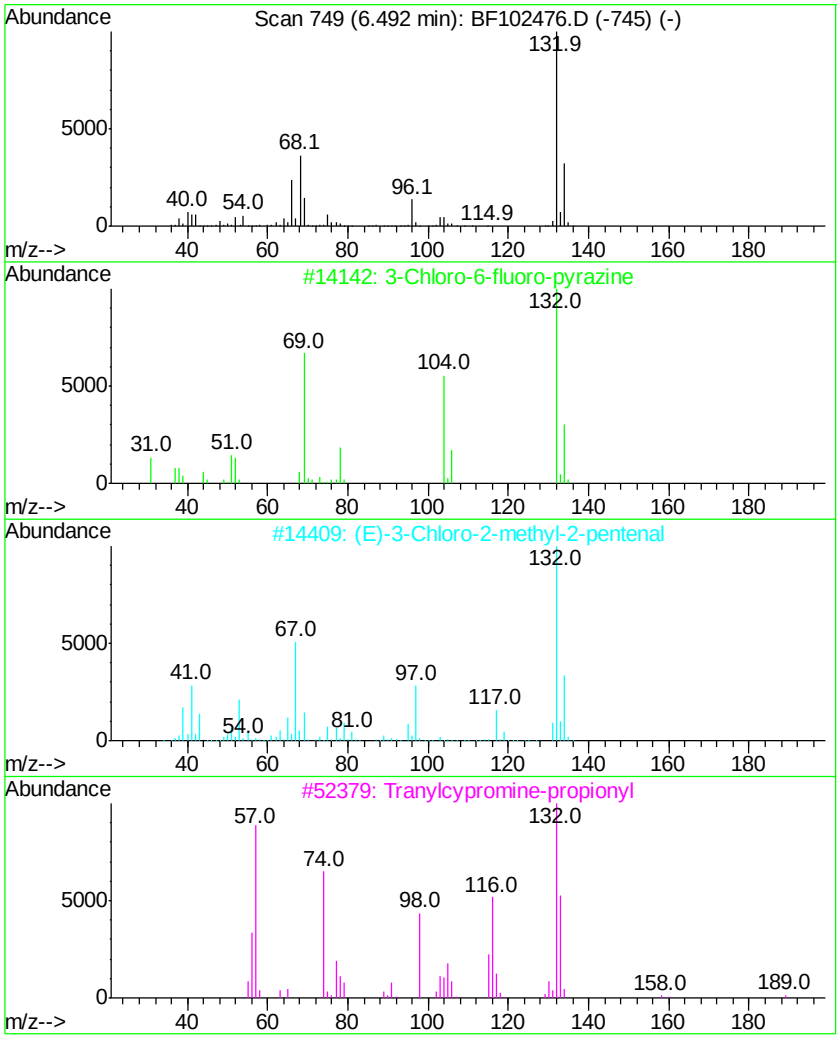
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

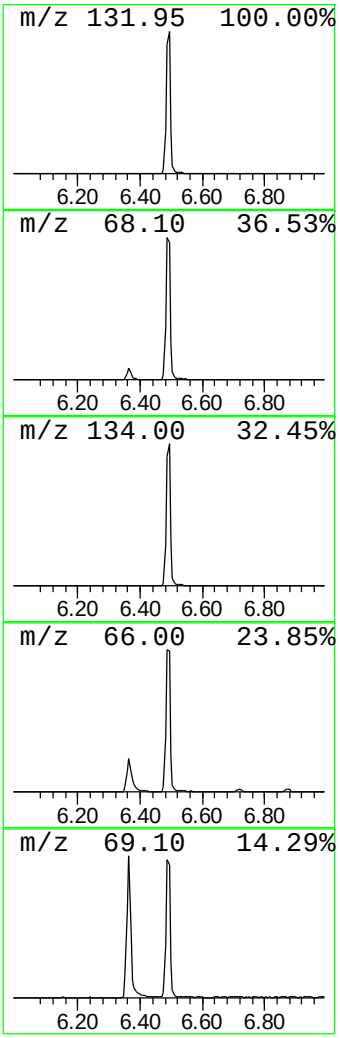
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	38.80 ng	1933910	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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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

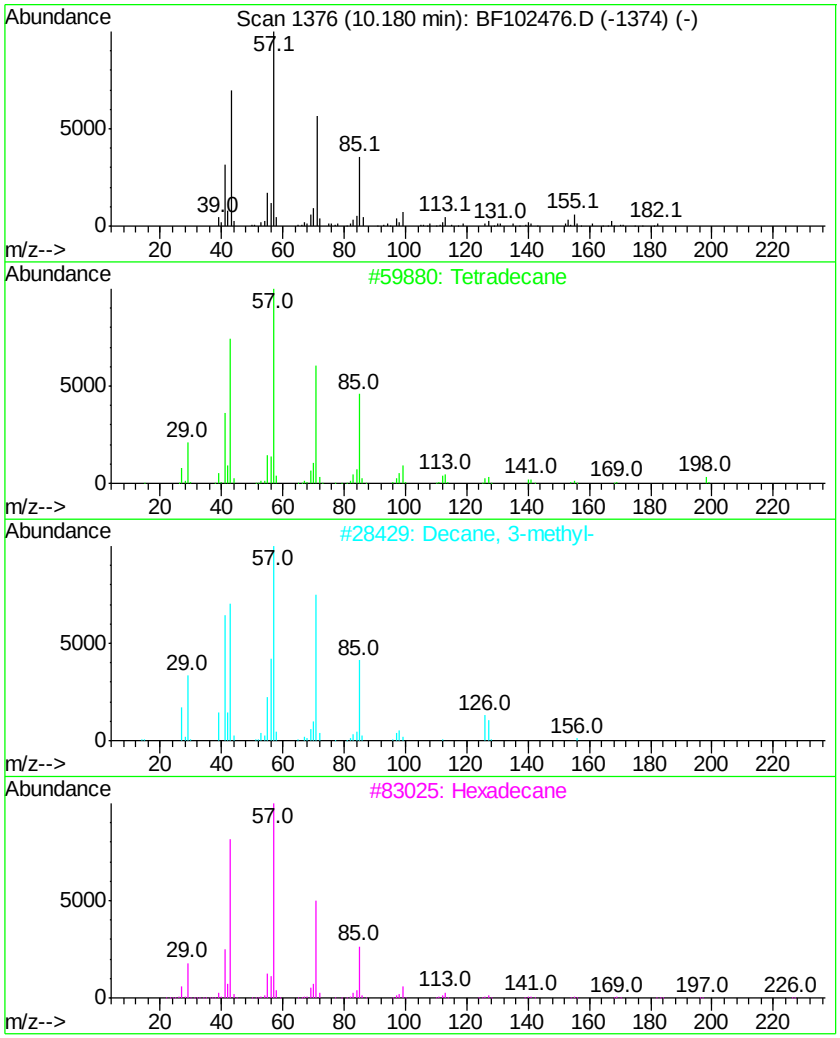
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

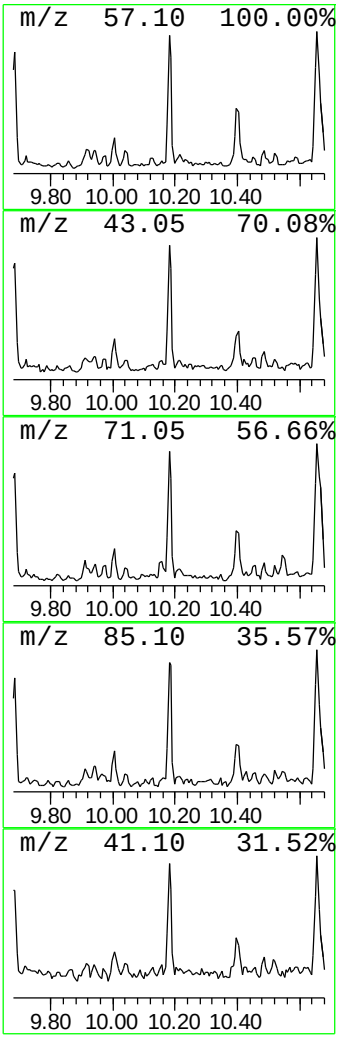
****

Peak Number 4 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.21 ng	140430	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Decane, 3-methyl-	156	C11H24	013151-34-3	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	74





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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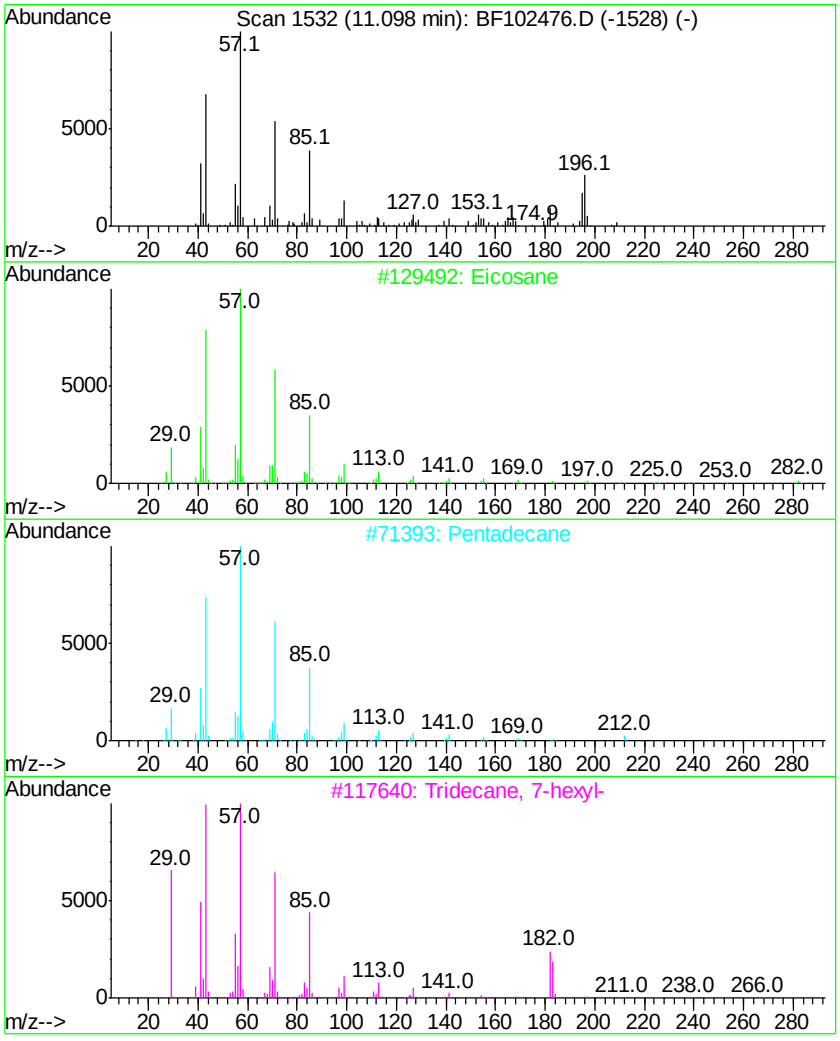
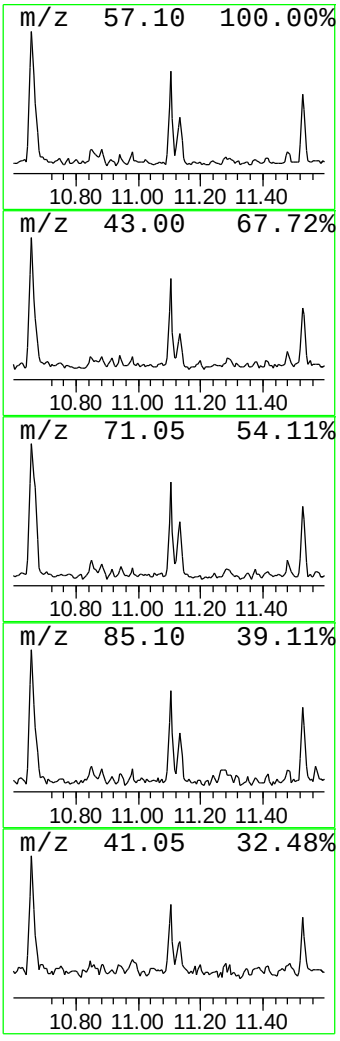
Peak Number 6 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.68 ng	138066	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Pentadecane	212	C15H32	000629-62-9	74
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	74
4	Heptacosane	380	C27H56	000593-49-7	74
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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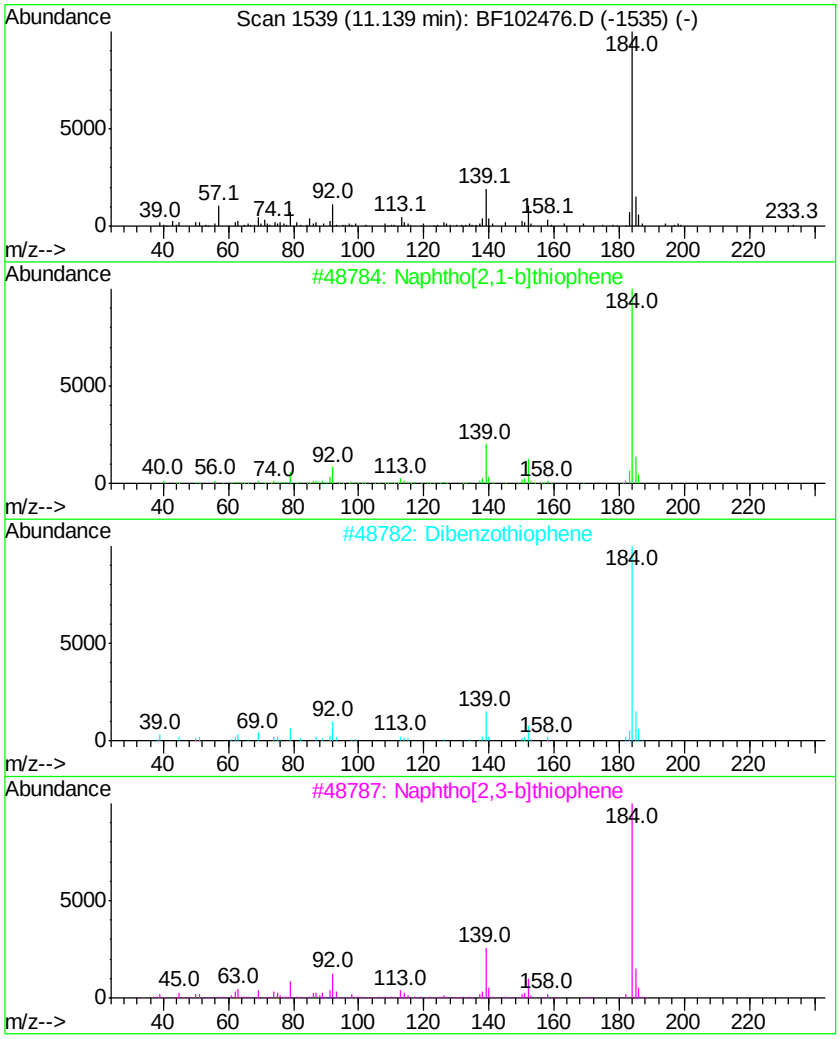
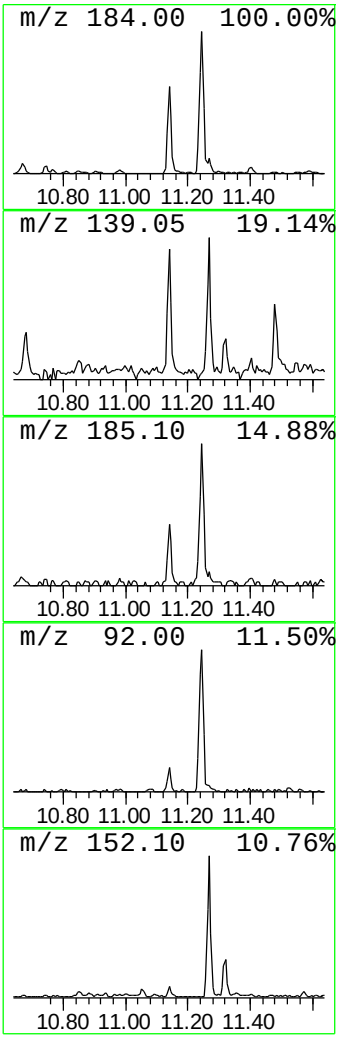
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	3.18 ng	163616	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
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 : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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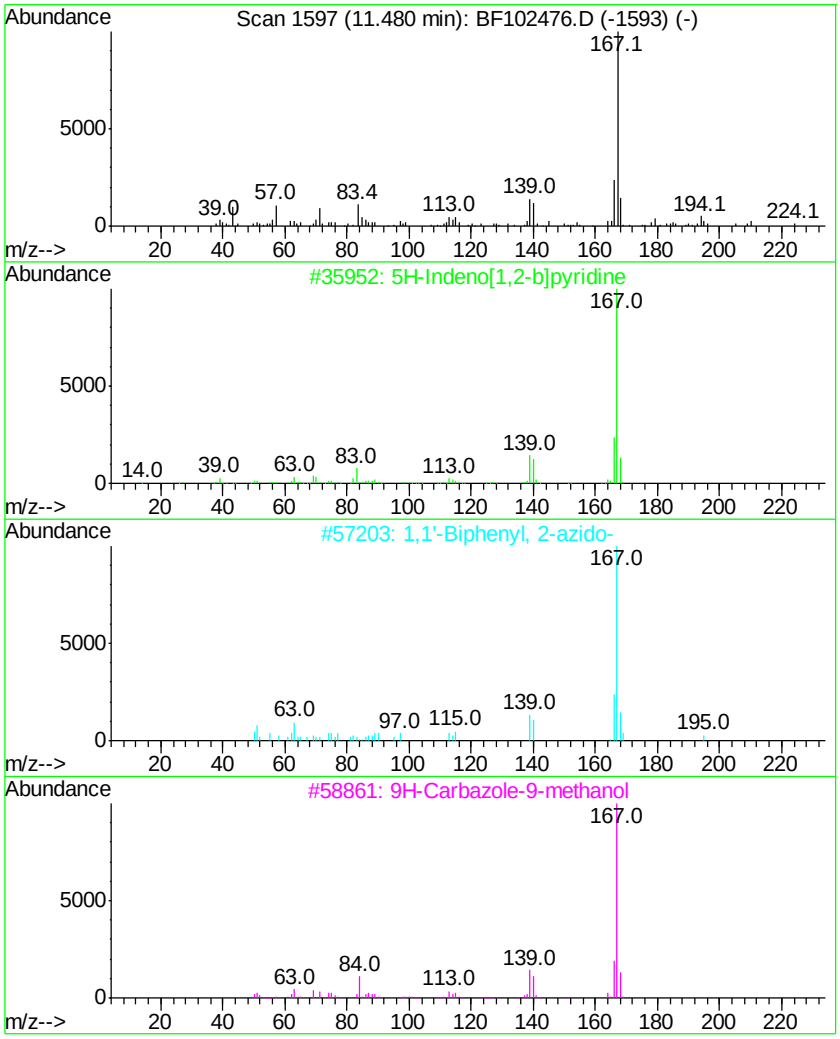
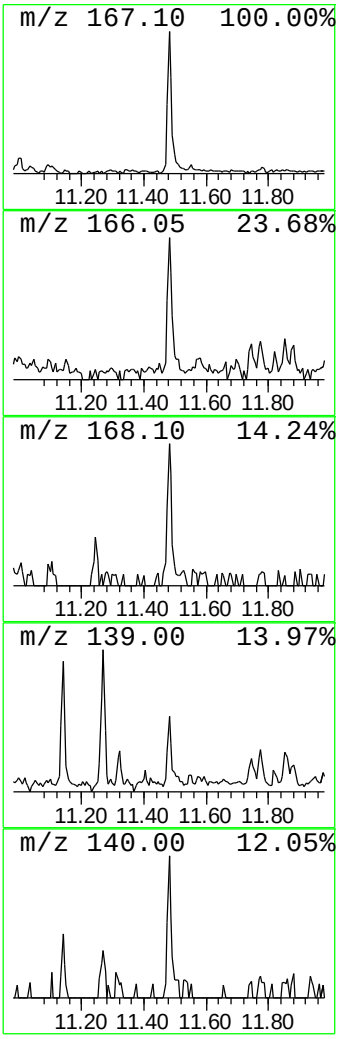
Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.23 ng	114675	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86





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Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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

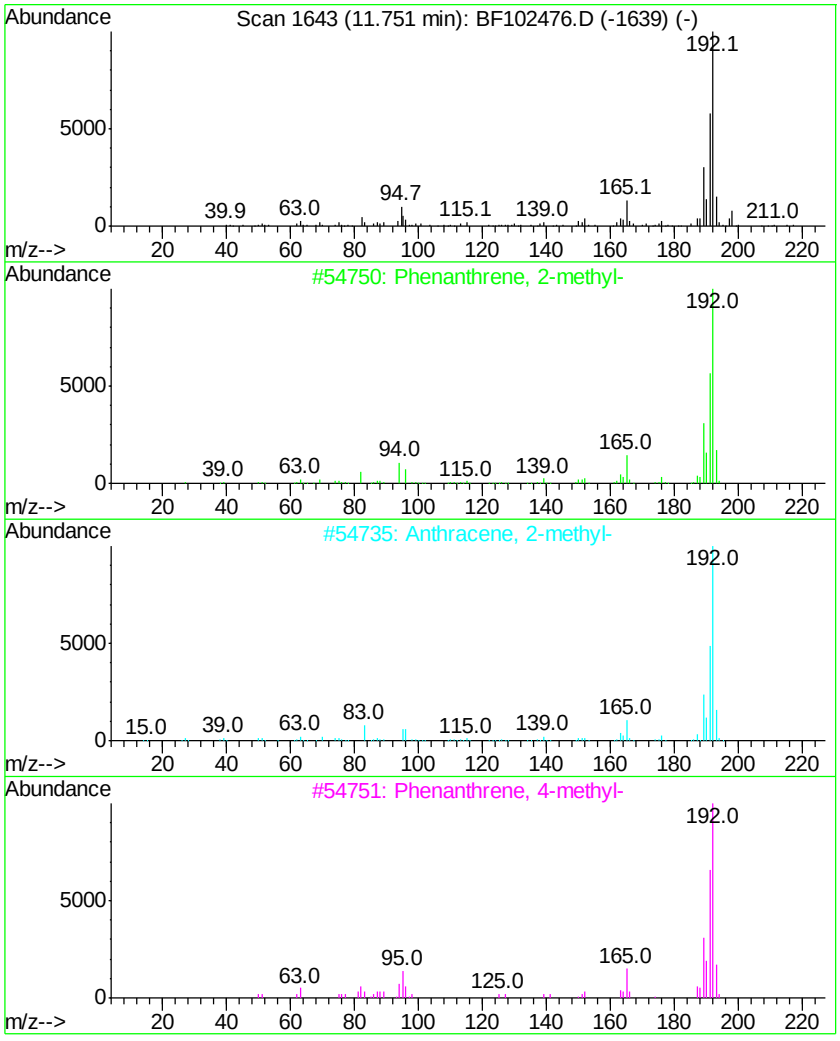
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

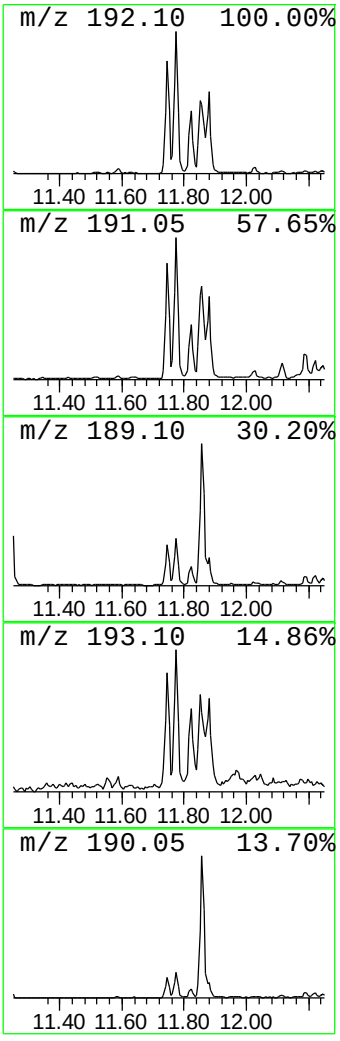
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.31 ng	222046	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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

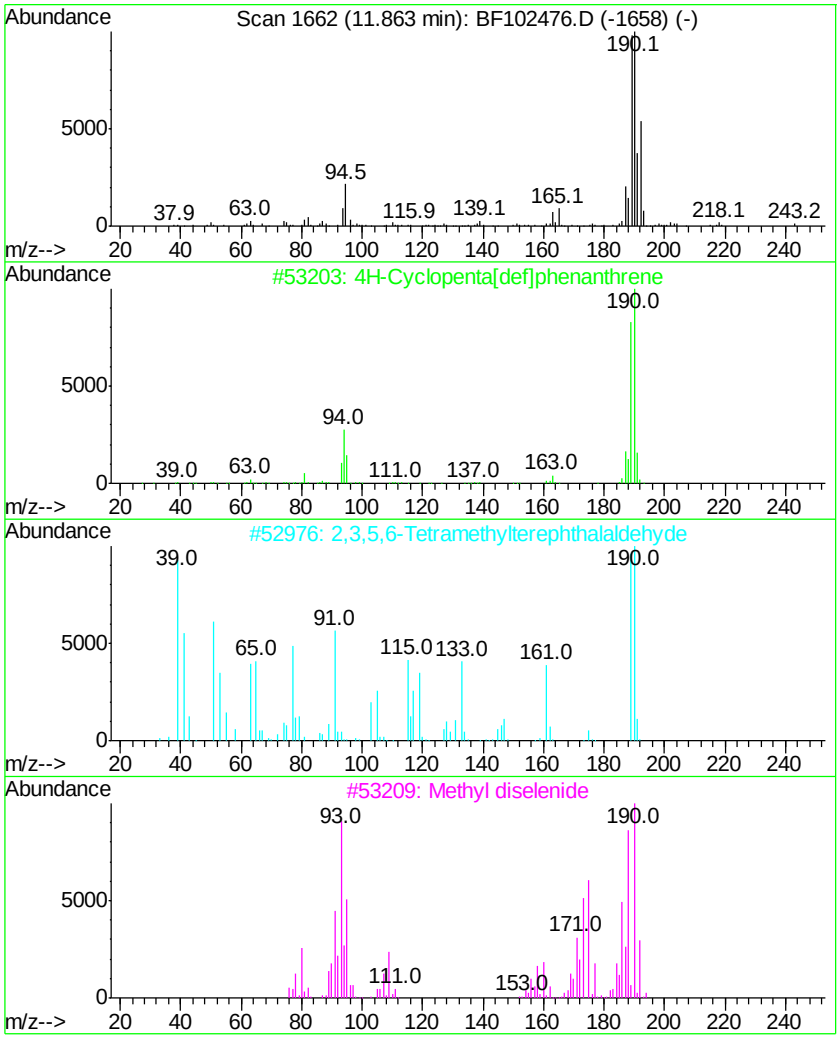
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

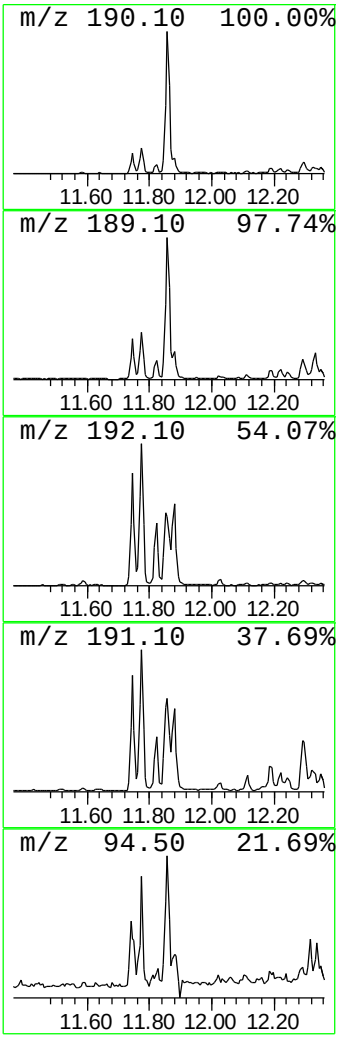
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.74 ng	399015	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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

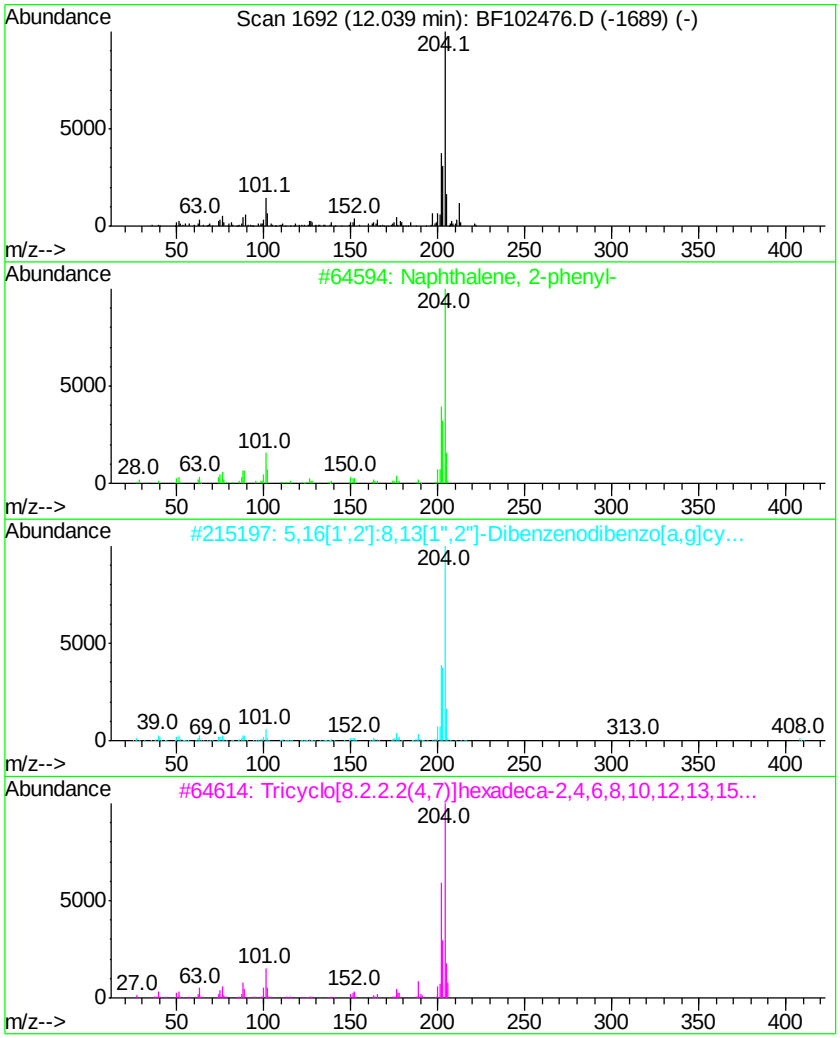
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

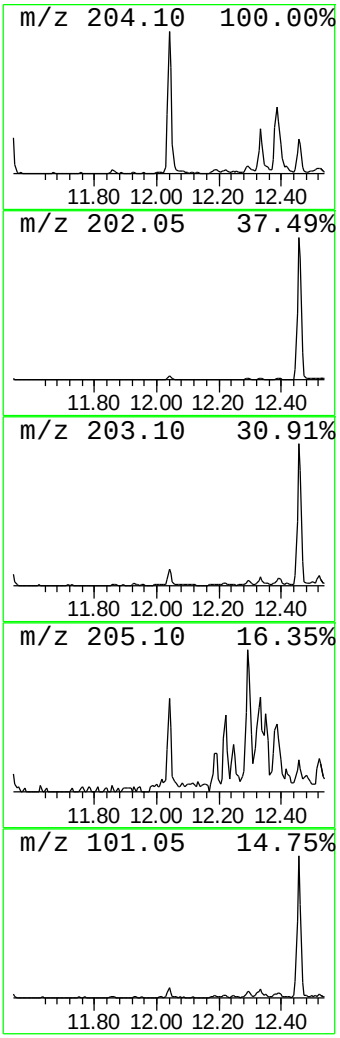
****

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.51 ng	129489	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Levamisole	204	C11H12N2S	014769-73-4	53





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Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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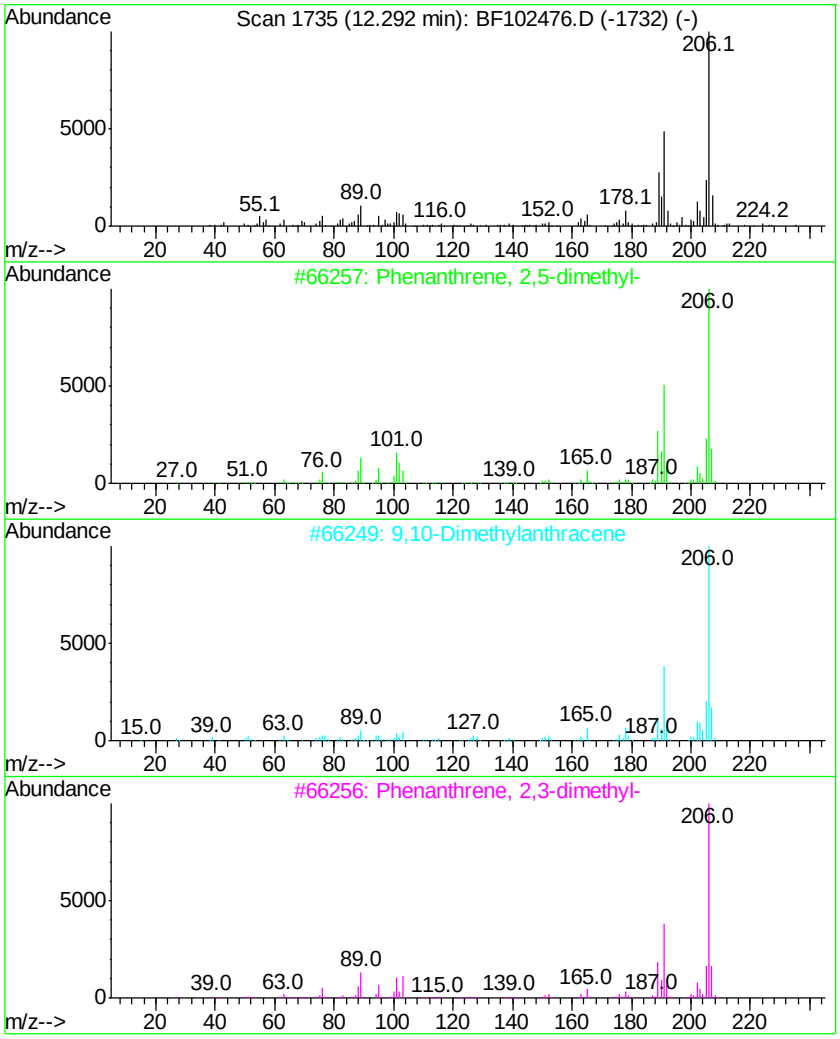
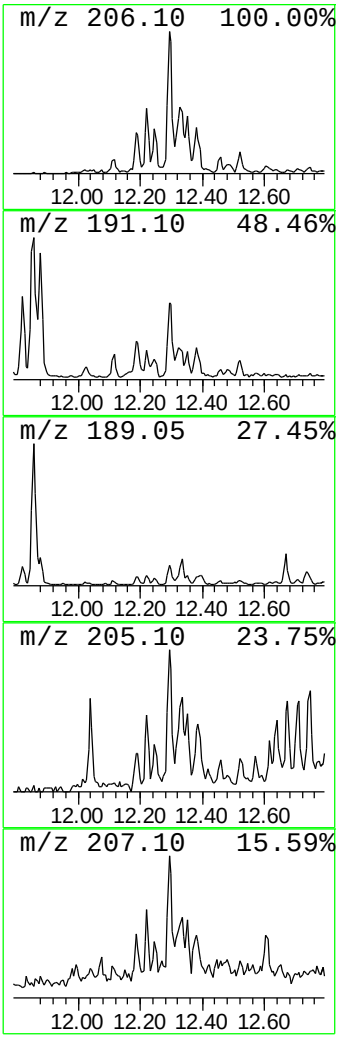
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.04 ng	208323	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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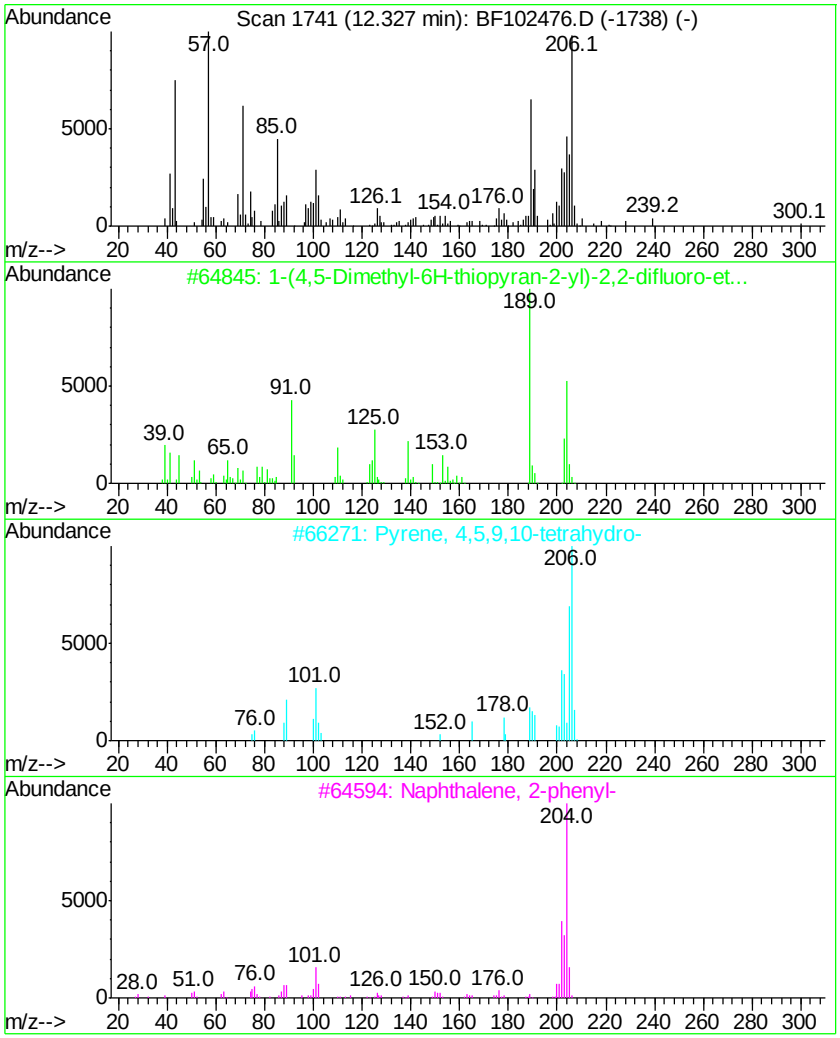
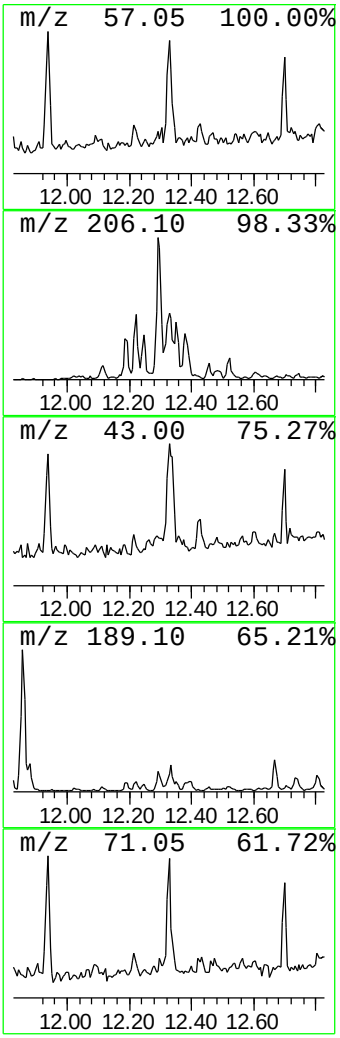
Peak Number 15 unknown12.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	8.17 ng	421128	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	41
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	20
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	18
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	14
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	11





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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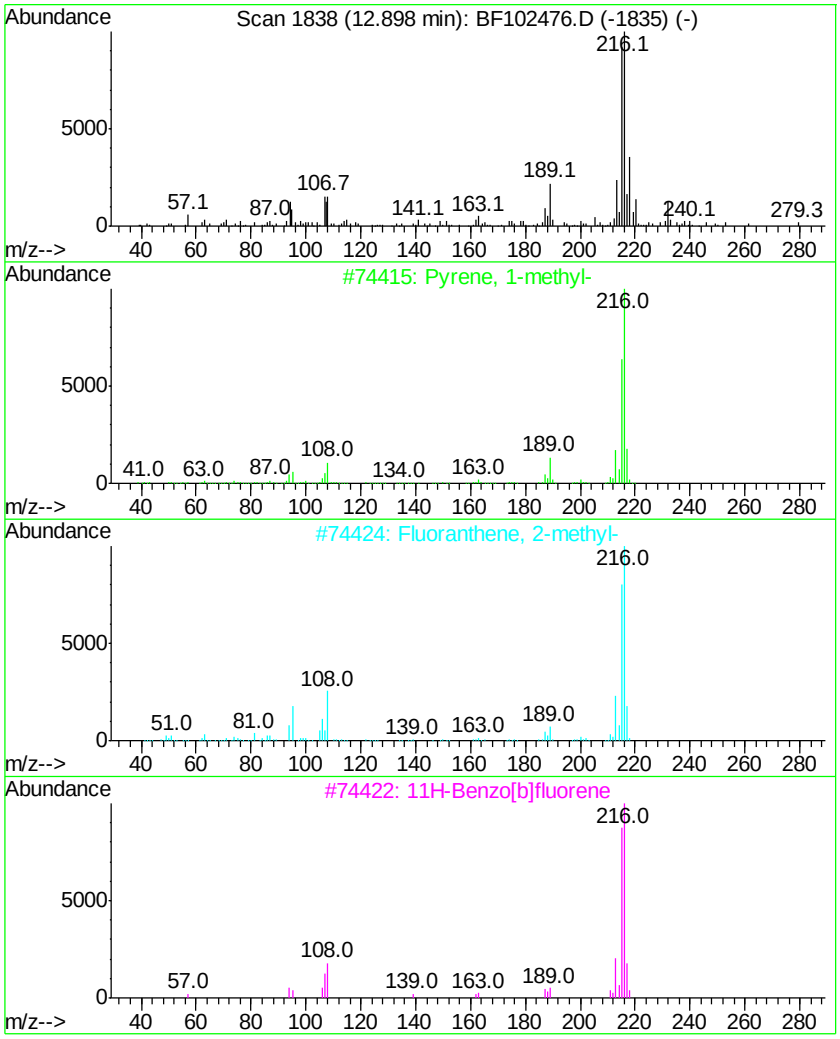
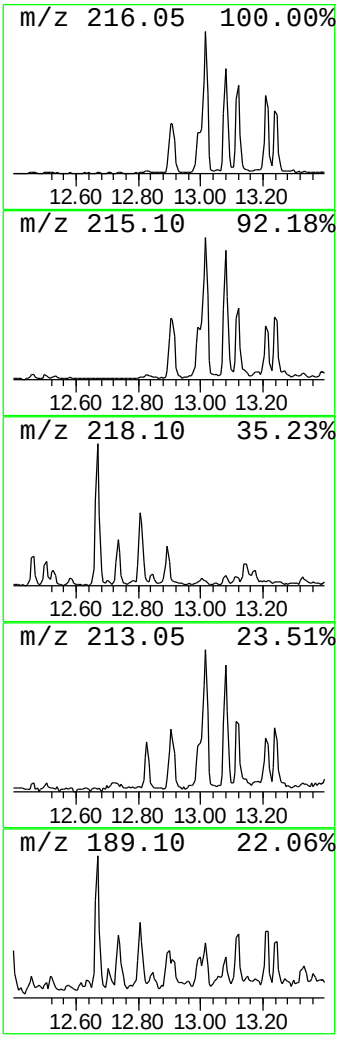
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.81 ng	221377	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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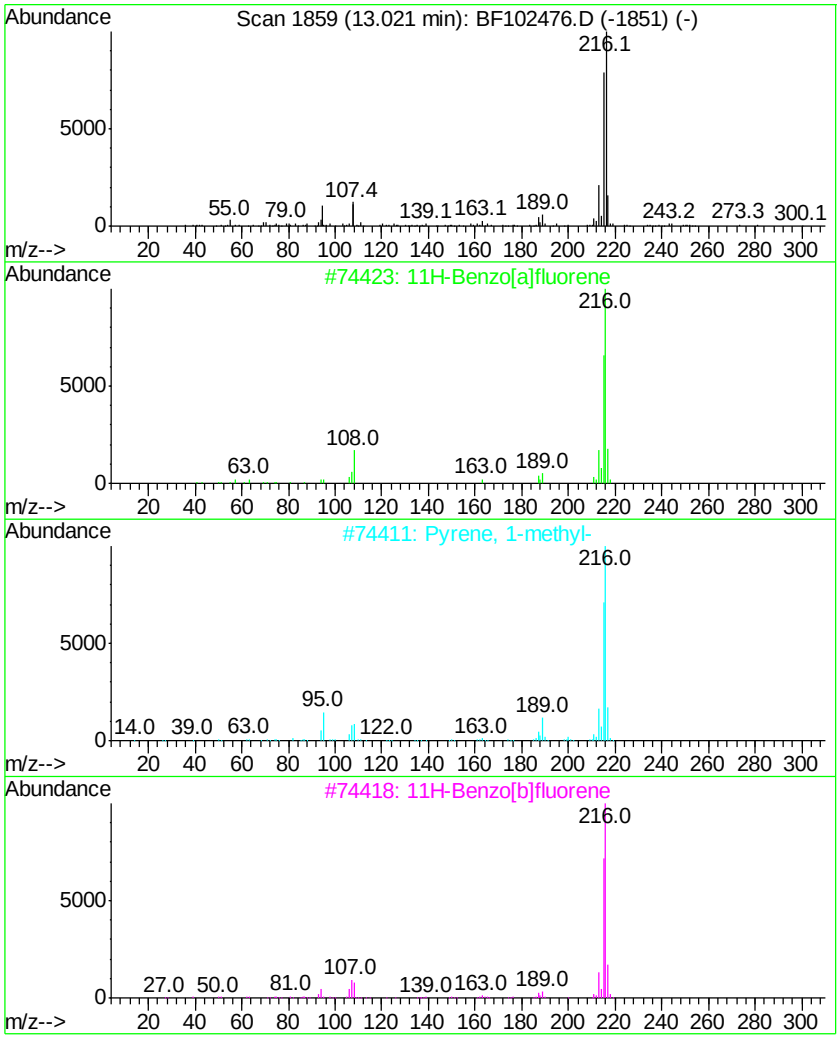
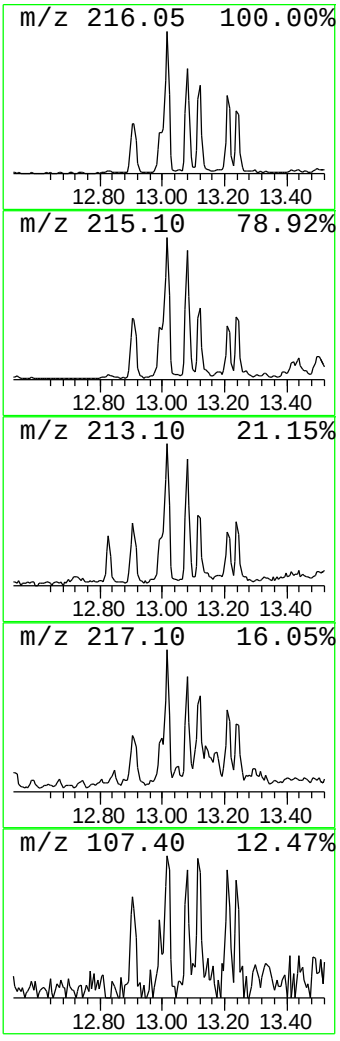
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.89 ng	384864	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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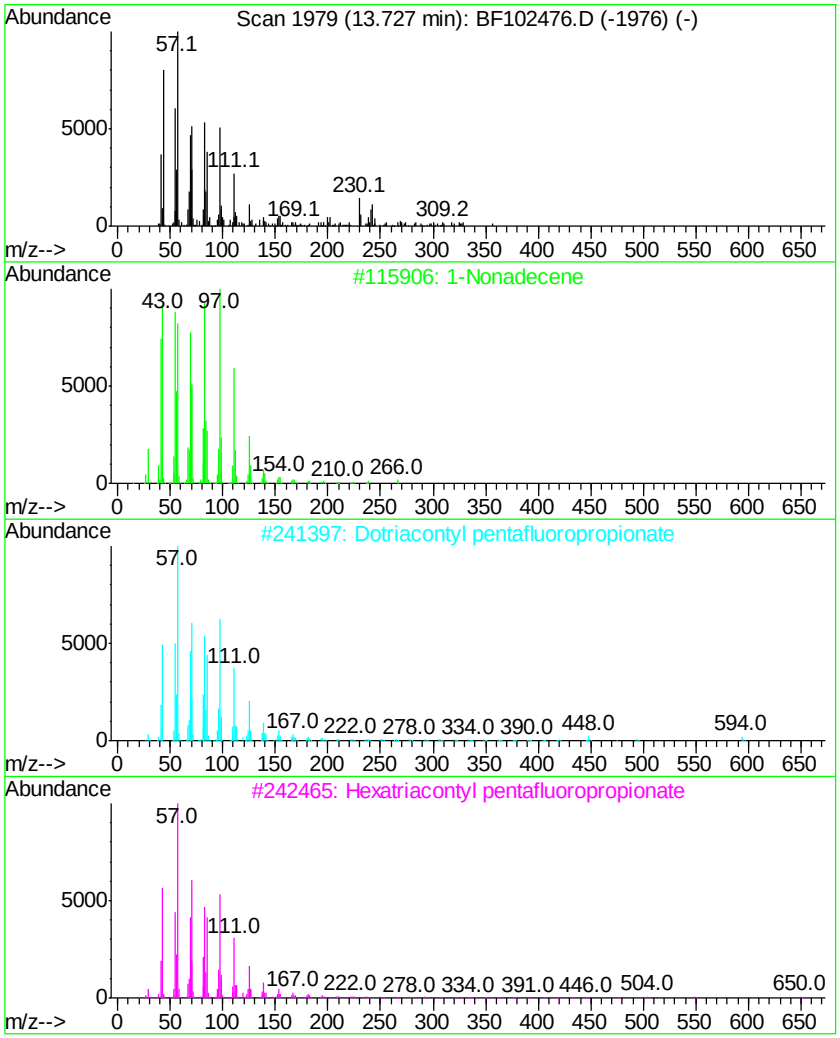
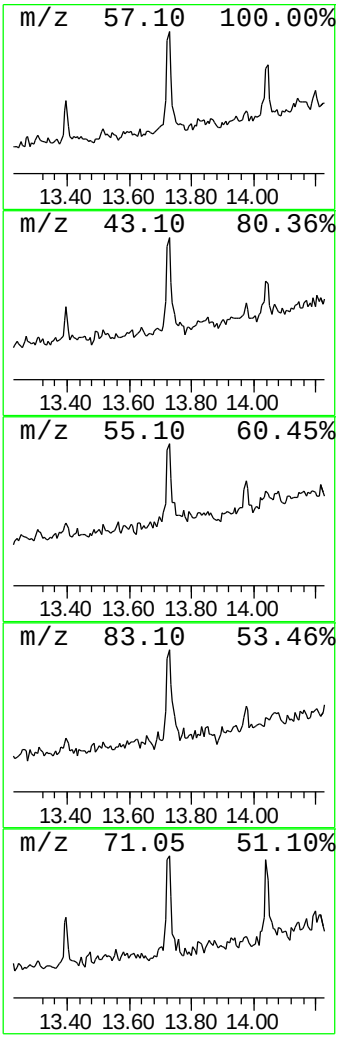
Peak Number 19 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.39 ng	345135	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	83
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	74
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	74
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	68





Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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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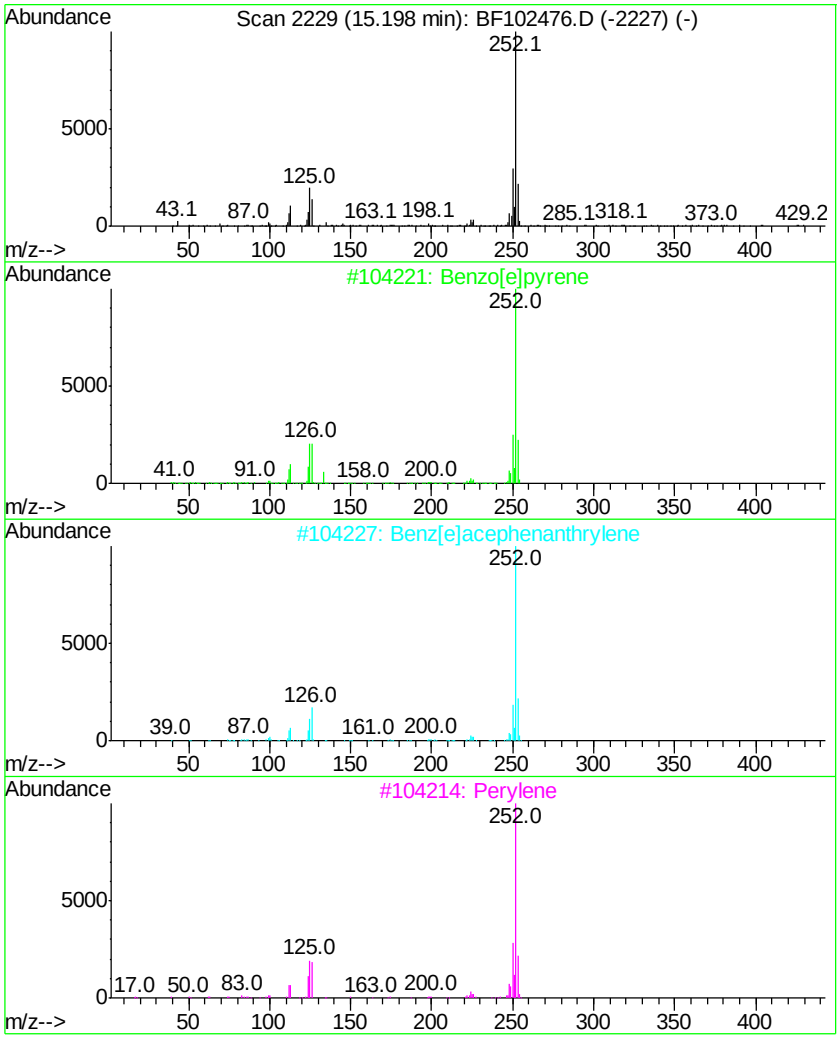
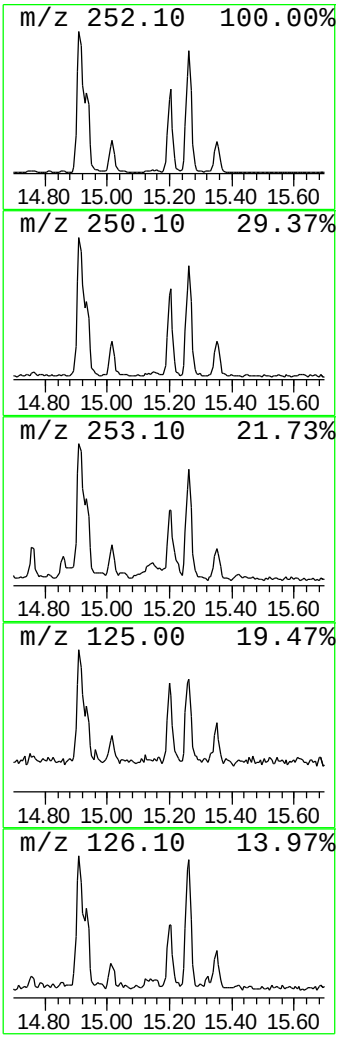
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	8.05 ng	230689	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102476.D
Acq On : 26 Jan 2018 18:42
Operator : SJ/JU
Sample : J1020-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-012418-B

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	38.8	ng	1933910	1	6.72	996864	20.0
Tetradecane	10.18	2.2	ng	140430	3	9.76	1273020	20.0
Eicosane	11.10	2.7	ng	138066	4	11.24	1030510	20.0
Naphtho[2,1-b]thi...	11.14	3.2	ng	163616	4	11.24	1030510	20.0
5H-Indeno[1,2-b]p...	11.48	2.2	ng	114675	4	11.24	1030510	20.0
Phenanthrene, 2-m...	11.75	4.3	ng	222046	4	11.24	1030510	20.0
4H-Cyclopenta[def...	11.86	7.7	ng	399015	4	11.24	1030510	20.0
Naphthalene, 2-ph...	12.04	2.5	ng	129489	4	11.24	1030510	20.0
Phenanthrene, 2,5...	12.29	4.0	ng	208323	4	11.24	1030510	20.0
unknown12.33	12.33	8.2	ng	421128	4	11.24	1030510	20.0
Pyrene, 1-methyl-	12.90	2.8	ng	221377	5	13.89	1573320	20.0
11H-Benzo[a]fluorene	13.02	4.9	ng	384864	5	13.89	1573320	20.0
1-Nonadecene	13.73	4.4	ng	345135	5	13.89	1573320	20.0
Benzo[e]pyrene	15.20	8.1	ng	230689	6	15.32	573110	20.0