LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-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-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	4.881	472	475	481	rVB	26354	30100	2.15%	0.153%
2	5.316	545	549	566	rBV	445990	645336	46.17%	3.275%
3	6.351	722	725	742	rBV	446079	666432	47.68%	3.382%
4	6.475	742	746	752	rVV	722534	692983	49.58%	3.516%
5	6.528	753	755	761	rVB4	15641	18864	1.35%	0.096%
6	6.698	781	784	798	rBV	779527	782525	55.99%	3.971%
7	6.857	807	811	820	rBV	557564	531992	38.06%	2.699%
8	7.269	878	881	894	rBV	320074	395652	28.31%	2.008%
9	7.986	999	1003	1011	rBV	968020	994205	71.14%	5.045%
10	8.569	1100	1102	1107	rBV	18450	15861	1.13%	0.080%
11	8.704	1122	1125	1130	rBV	19005	23875	1.71%	0.121%
12	8.798	1137	1141	1149	rBV2	19415	26502	1.90%	0.134%
13	9.057	1182	1185	1195	rBV	743720	648852	46.43%	3.292%
14	9.133	1195	1198	1201	rVB	27318	23858	1.71%	0.121%
15	9.328	1227	1231	1235	rBV4	10304	14974	1.07%	0.076%
16	9.398	1240	1243	1246	rVV3	18760	24022	1.72%	0.122%
17	9.457	1250	1253	1260	rVB	84697	87585	6.27%	0.444%
18	9.510	1260	1262	1266	rBV5	14914	13984	1.00%	0.071%
19	9.598	1274	1277	1281	rBV	22289	20386	1.46%	0.103%
20	9.663	1285	1288	1291	rBV	48862	38500	2.75%	0.195%
21	9.733	1297	1300	1304	rBV	966191	869279	62.20%	4.411%
22	9.769	1304	1306	1313	rVB	138111	122527	8.77%	0.622%
23	9.892	1323	1327	1329	rBV3	16081	18415	1.32%	0.093%
24	9.945	1333	1336	1339	rVV	65953	64987	4.65%	0.330%
25	9.980	1339	1342	1346	rVB4	26216	26390	1.89%	0.134%
26	10.051	1351	1354	1357	rBV5	13167	14508	1.04%	0.074%
27	10.157	1369	1372	1375	rVB	59043	47266	3.38%	0.240%
28	10.286	1390	1394	1400	rVB	101040	104919	7.51%	0.532%
29	10.375	1406	1409	1415	rVB4	26109	38149	2.73%	0.194%
30	10.439	1415	1420	1423	rBV4	13233	15151	1.08%	0.077%
31	10.527	1431	1435	1441	rBV2	277170	284341	20.34%	1.443%
32	10.633	1450	1453	1462	rVB3	55232	85481	6.12%	0.434%
33	10.722	1462	1468	1470	rBV6	9782	17219	1.23%	0.087%
34	10.833	1480	1487	1489	rBV5	28556	50281	3.60%	0.255%

LSC Area Percent Report

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Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.910	1498	1500	1503	rVB2	16443	14716	1.05%	0.075%
36	10.957	1503	1508	1509	rBV4	16672	21014	1.50%	0.107%
37	10.975	1509	1511	1518	rVB8	12170	18043	1.29%	0.092%
38	11.074	1523	1528	1531	rVV2	67337	70347	5.03%	0.357%
39	11.116	1531	1535	1539	rVB2	62414	77220	5.53%	0.392%
40	11.169	1541	1544	1549	rVB3	14565	19055	1.36%	0.097%
41	11.222	1549	1553	1555	rBV	787745	741880	53.08%	3.764%
42	11.245	1555	1557	1562	rVV	987986	808201	57.83%	4.101%
43	11.298	1562	1566	1571	rVV	255746	244666	17.51%	1.241%
44	11.339	1571	1573	1578	rVB	23772	29797	2.13%	0.151%
45	11.463	1589	1594	1599	rBV	111751	149511	10.70%	0.759%
46	11.504	1599	1601	1604	rVB2	33752	32154	2.30%	0.163%
47	11.610	1616	1619	1621	rBV	32316	30669	2.19%	0.156%
48	11.722	1635	1638	1640	rBV	98764	86473	6.19%	0.439%
49	11.751	1640	1643	1647	rVV	122606	125335	8.97%	0.636%
50	11.798	1649	1651	1654	rVV	54088	50296	3.60%	0.255%
51	11.833	1654	1657	1659	rVV	181332	184986	13.24%	0.939%
52	11.857	1659	1661	1667	rVB	65458	61472	4.40%	0.312%
53	11.910	1667	1670	1672	rBV	38366	32863	2.35%	0.167%
54	12.016	1685	1688	1692	rBV	69706	71433	5.11%	0.362%
55	12.057	1693	1695	1698	rVB4	20116	18820	1.35%	0.095%
56	12.163	1711	1713	1716	rVB2	25059	23598	1.69%	0.120%
57	12.192	1716	1718	1721	rBV2	28970	30881	2.21%	0.157%
58	12.221	1721	1723	1727	rVB3	23869	19133	1.37%	0.097%
59	12.269	1727	1731	1733	rBV	75646	94025	6.73%	0.477%
60	12.292	1733	1735	1737	rVV2	138023	141843	10.15%	0.720%
61	12.310	1737	1738	1743	rVB3	107983	96408	6.90%	0.489%
62	12.363	1743	1747	1750	rBV3	43658	64535	4.62%	0.327%
63	12.392	1750	1752	1755	rVB3	31815	30050	2.15%	0.152%
64	12.433	1755	1759	1763	rBV	1333230	1154095	82.58%	5.856%
65	12.498	1768	1770	1773	rVV3	21623	20029	1.43%	0.102%
66	12.527	1773	1775	1780	rVB5	21331	19306	1.38%	0.098%
67	12.586	1781	1785	1787	rBV	57384	62840	4.50%	0.319%
68	12.663	1792	1798	1804	rBV	1202821	1287746	92.14%	6.534%
69	12.716	1804	1807	1811	rVB2	51109	63606	4.55%	0.323%
70	12.798	1815	1821	1824	rBV	589695	577900	41.35%	2.932%
71	12.827	1824	1826	1829	rVB	62488	54723	3.92%	0.278%

LSC Area Percent Report

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Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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72	12.874	1831	1834	1839	rBV2	67873	118784	8.50%	0.603%
73	12.968	1846	1850	1851	rBV3	68499	83226	5.95%	0.422%
74	12.992	1851	1854	1857	rVB2	150149	152206	10.89%	0.772%
75	13.027	1857	1860	1862	rBV3	26727	35972	2.57%	0.183%
76	13.057	1862	1865	1867	rBV	137947	112398	8.04%	0.570%
77	13.092	1868	1871	1873	rBV2	93954	95569	6.84%	0.485%
78	13.186	1884	1887	1890	rBV	65230	59864	4.28%	0.304%
79	13.216	1890	1892	1901	rVB3	80703	111981	8.01%	0.568%
80	13.363	1915	1917	1920	rBV2	37086	33439	2.39%	0.170%
81	13.504	1939	1941	1944	rVB	67790	51071	3.65%	0.259%
82	13.610	1956	1959	1961	rBV	102161	91127	6.52%	0.462%
83	13.633	1961	1963	1965	rVB	81878	62067	4.44%	0.315%
84	13.663	1965	1968	1971	rBV2	70467	105967	7.58%	0.538%
85	13.857	1996	2001	2004	rBV2	985670	1397597	100.00%	7.092%
86	13.886	2004	2006	2013	rVB	605009	531033	38.00%	2.695%
87	13.963	2017	2019	2022	rVB	110653	87532	6.26%	0.444%
88	14.880	2171	2175	2178	rBV	532010	725295	51.90%	3.680%
89	15.168	2220	2224	2229	rVB	284777	319891	22.89%	1.623%
90	15.227	2230	2234	2238	rVB	435197	523047	37.42%	2.654%
91	15.286	2240	2244	2247	rBV	531302	651805	46.64%	3.307%
92	17.104	2549	2553	2561	rVB	123388	272608	19.51%	1.383%

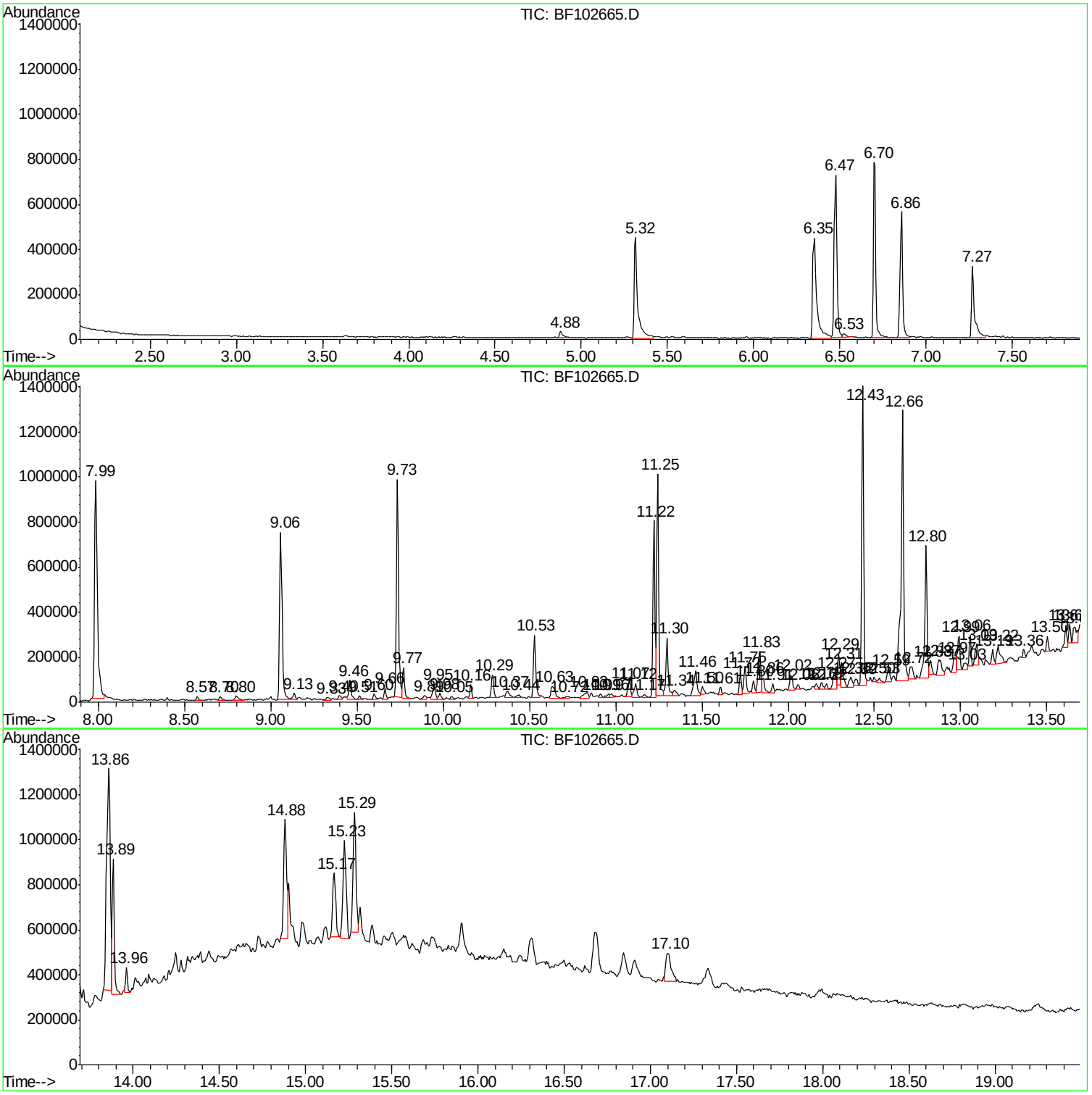
Sum of corrected areas: 19707549

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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 : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-013018-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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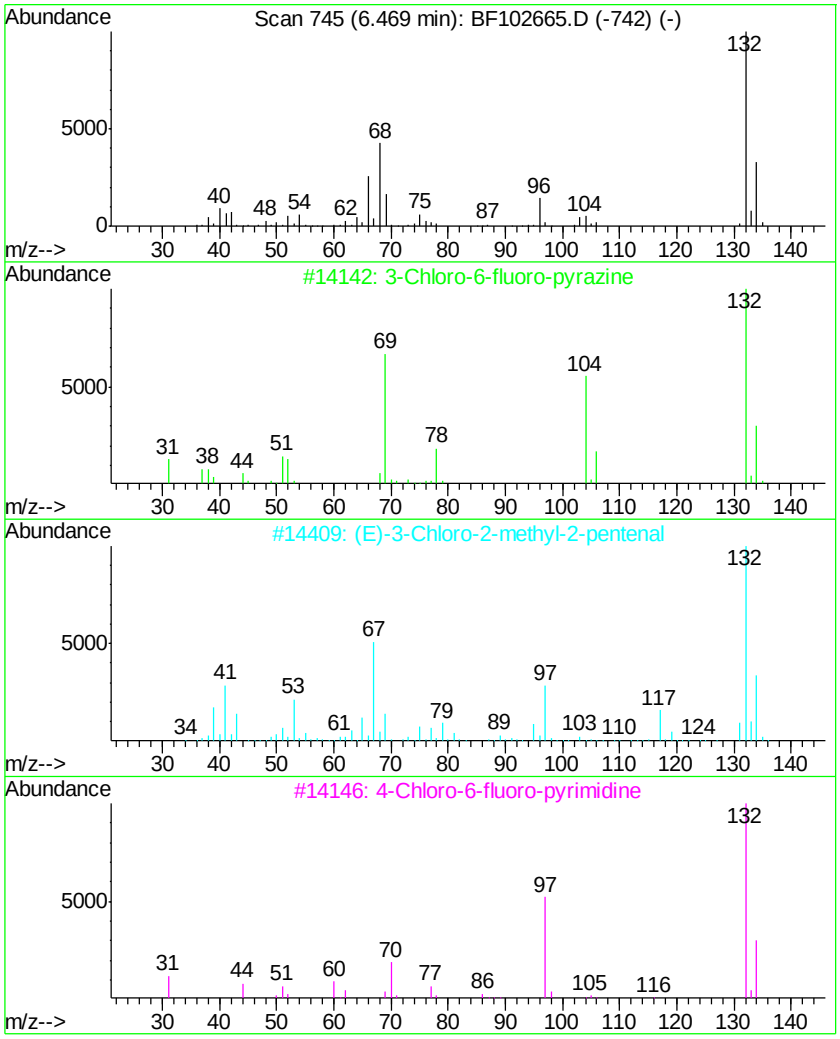
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

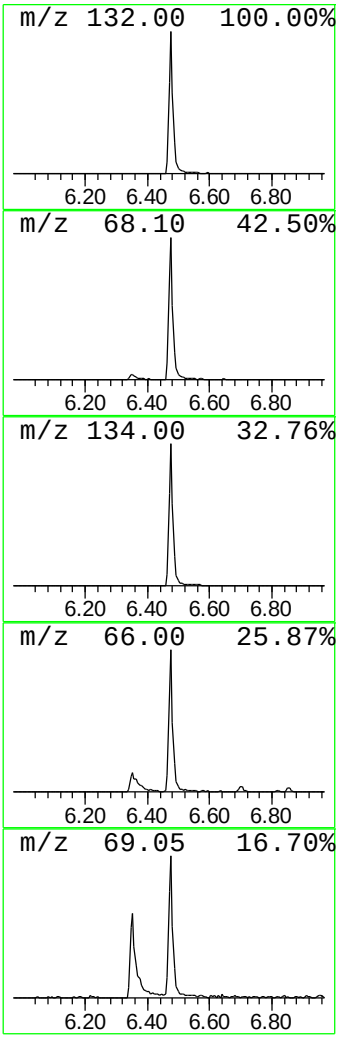
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	17.71 ng	692983	1,4-Dichlorobenzene-d4	6.70

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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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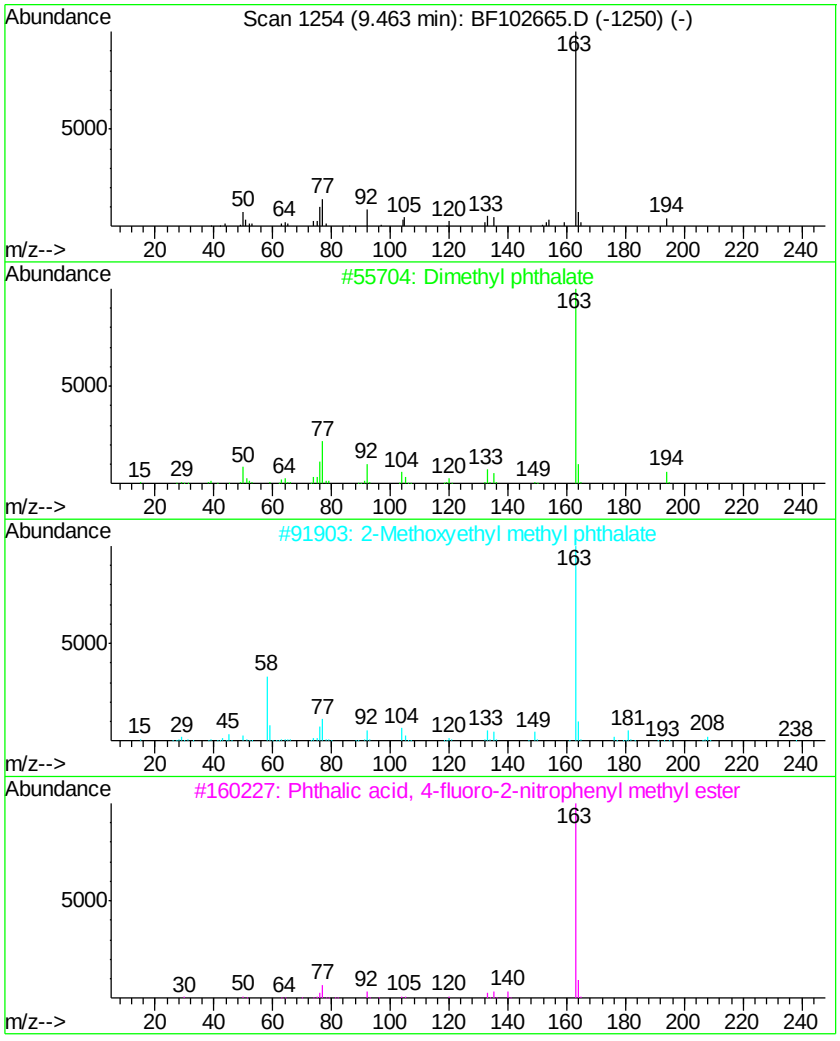
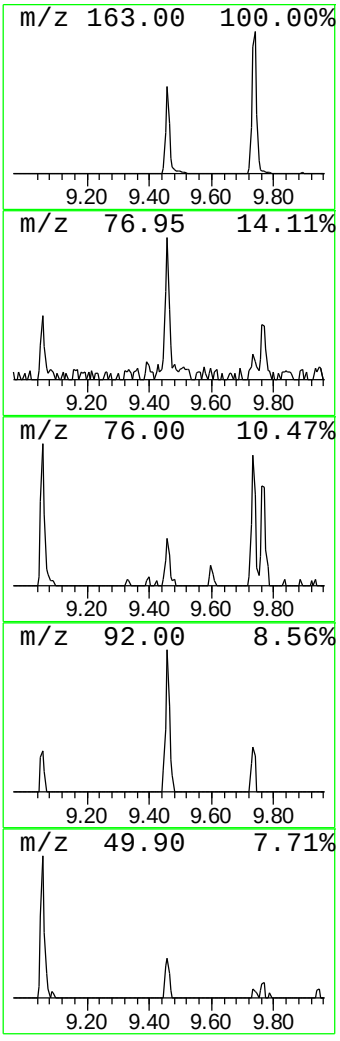
Peak Number 3 Dimethyl phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.02 ng	87585	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	96
2	2-Methoxyethyl methyl phthalate	238	C12H14O5	1000373-89-4	83
3	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	78
4	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	74
5	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	74





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Operator : SJ/JU
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Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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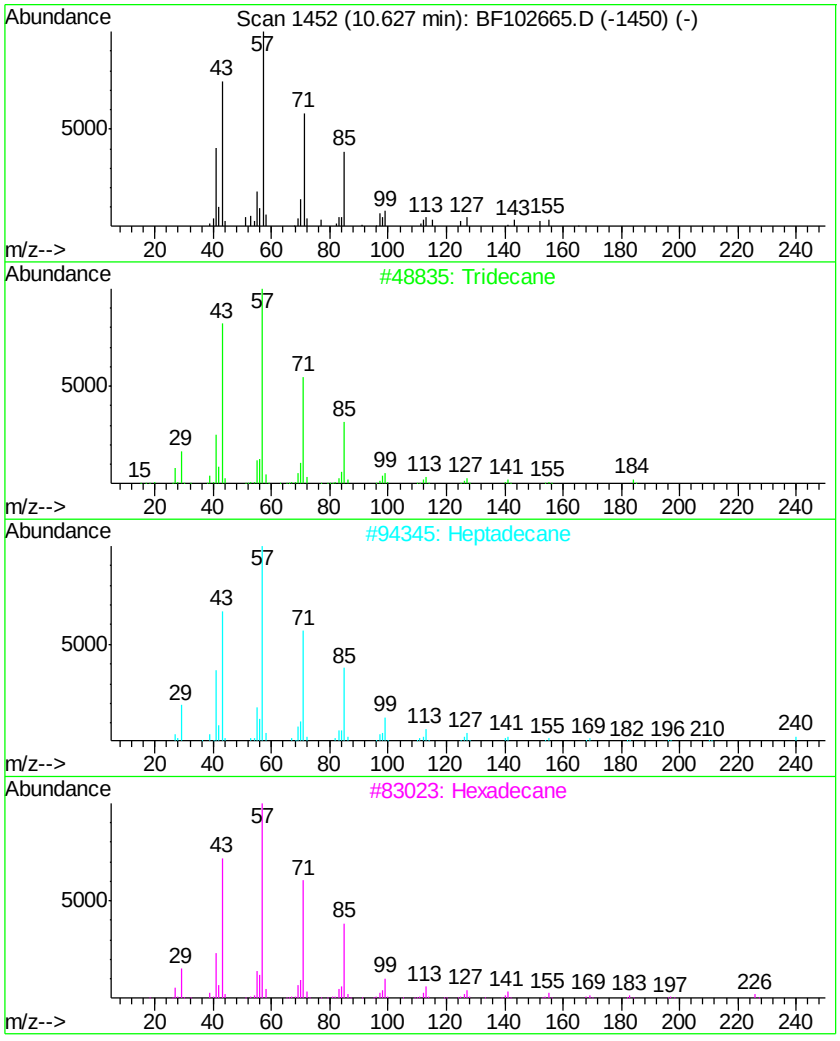
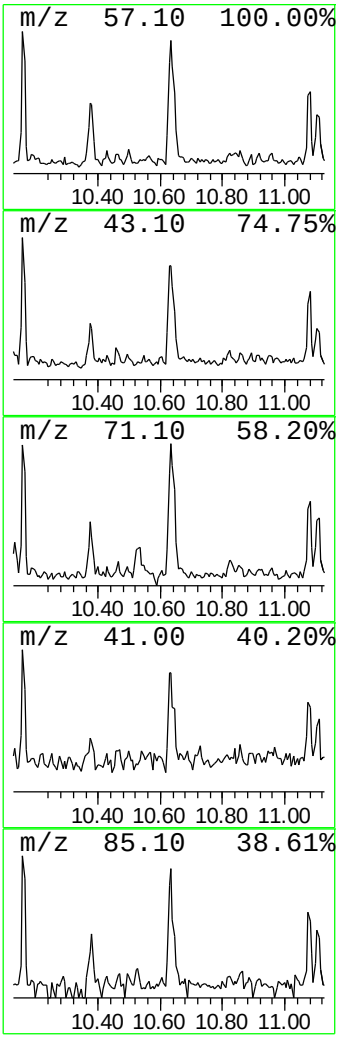
Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.30 ng	85481	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Docosane	310	C22H46	000629-97-0	86
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86





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Acq On : 31 Jan 2018 20:03
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Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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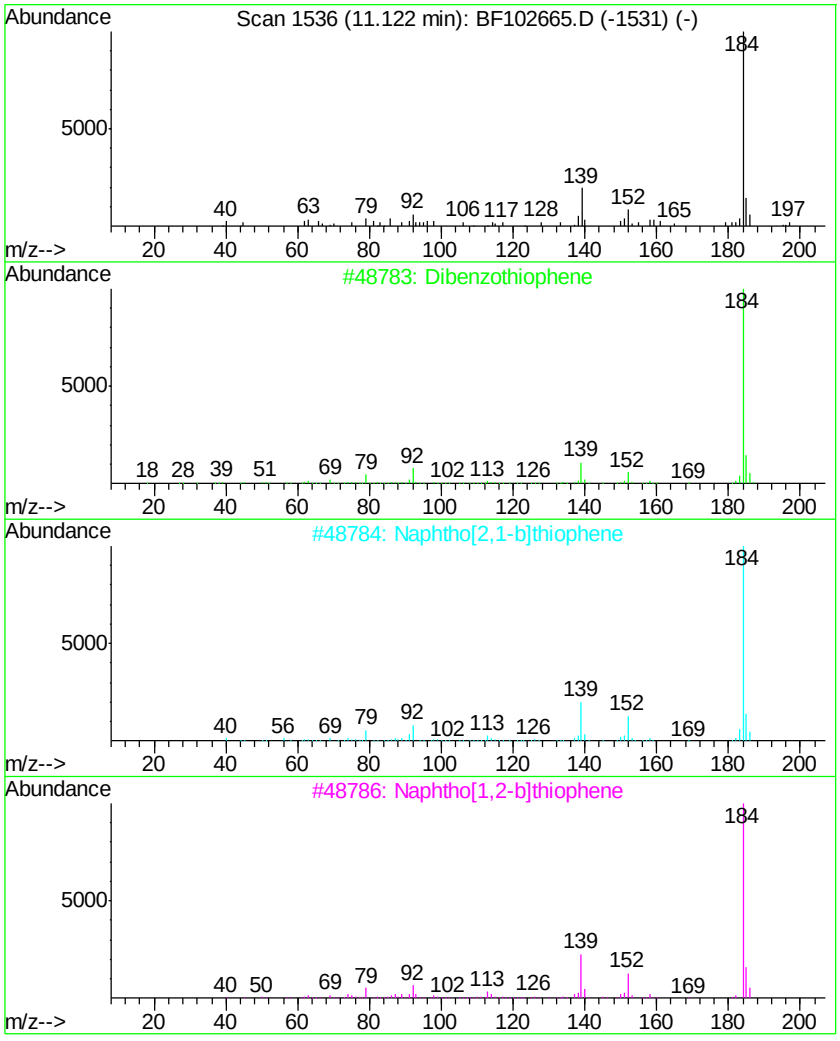
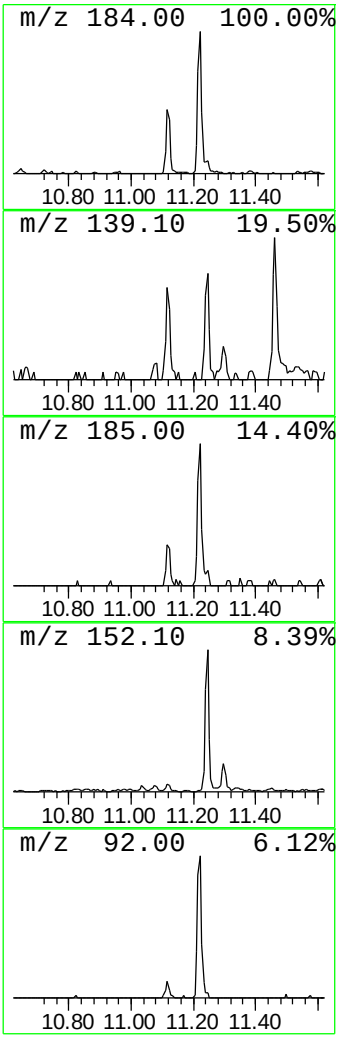
Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.08 ng	77220	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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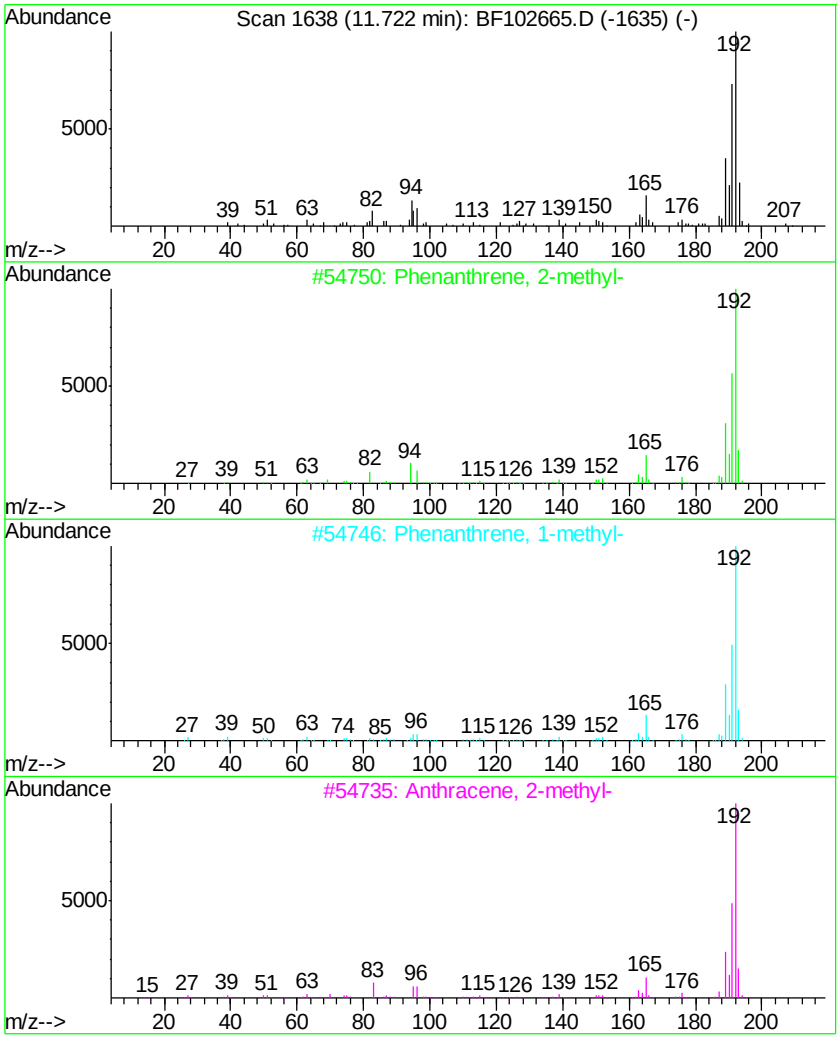
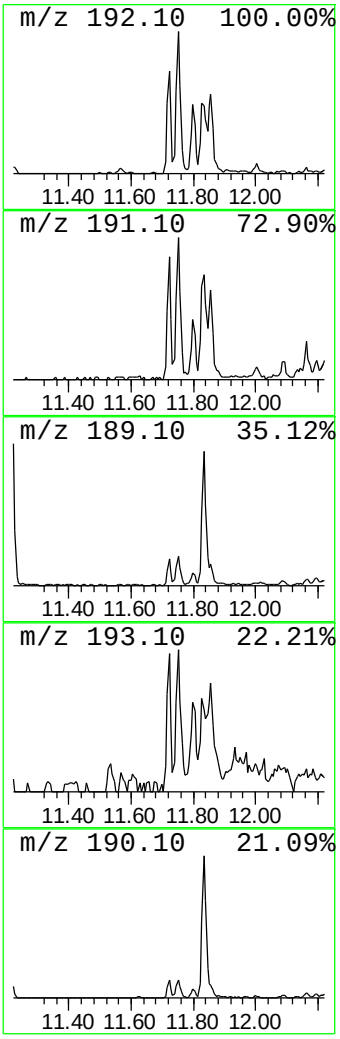
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.33 ng	86473	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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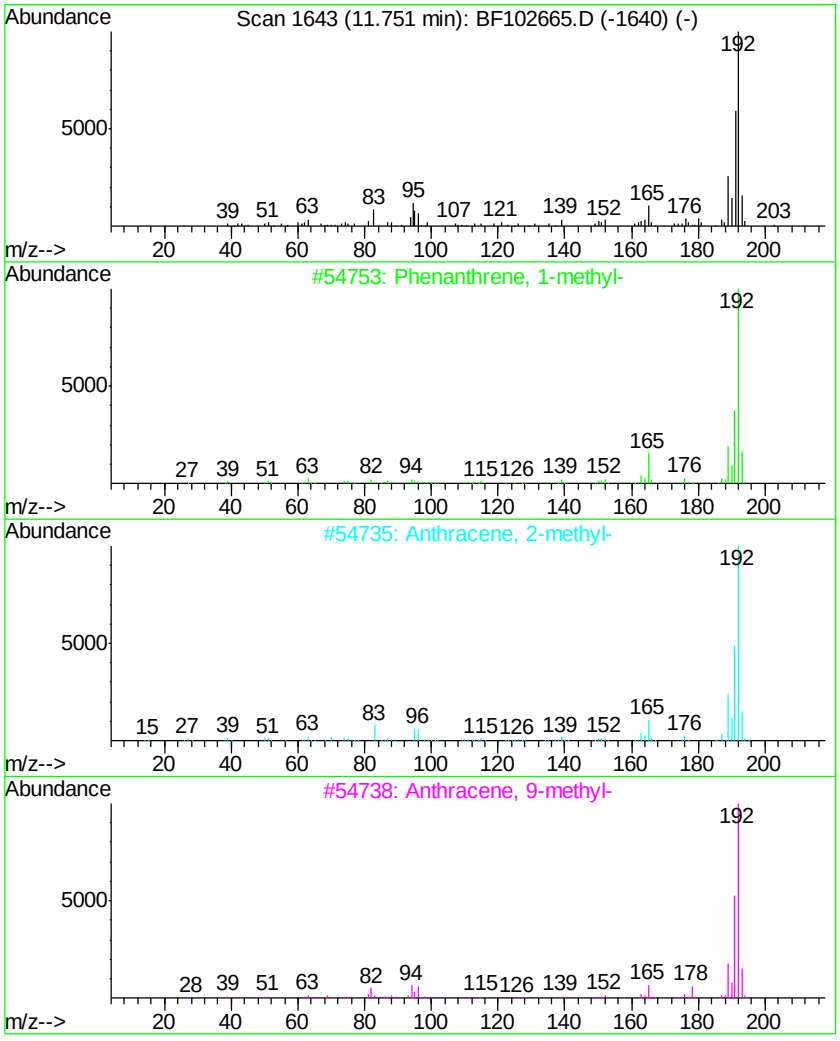
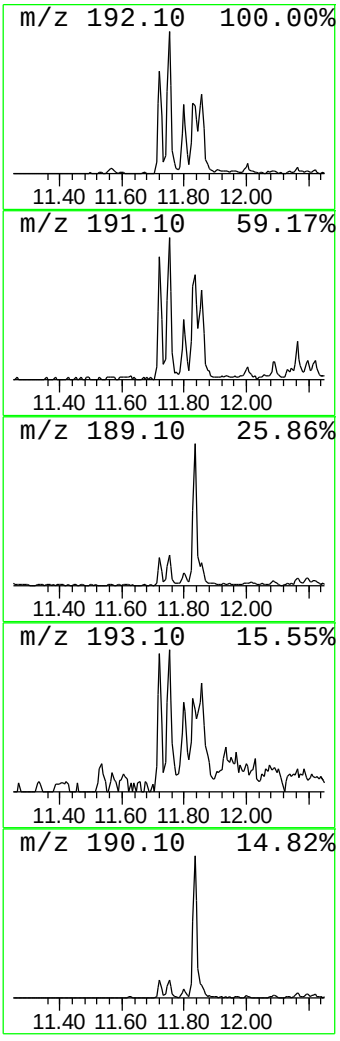
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.38 ng	125335	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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

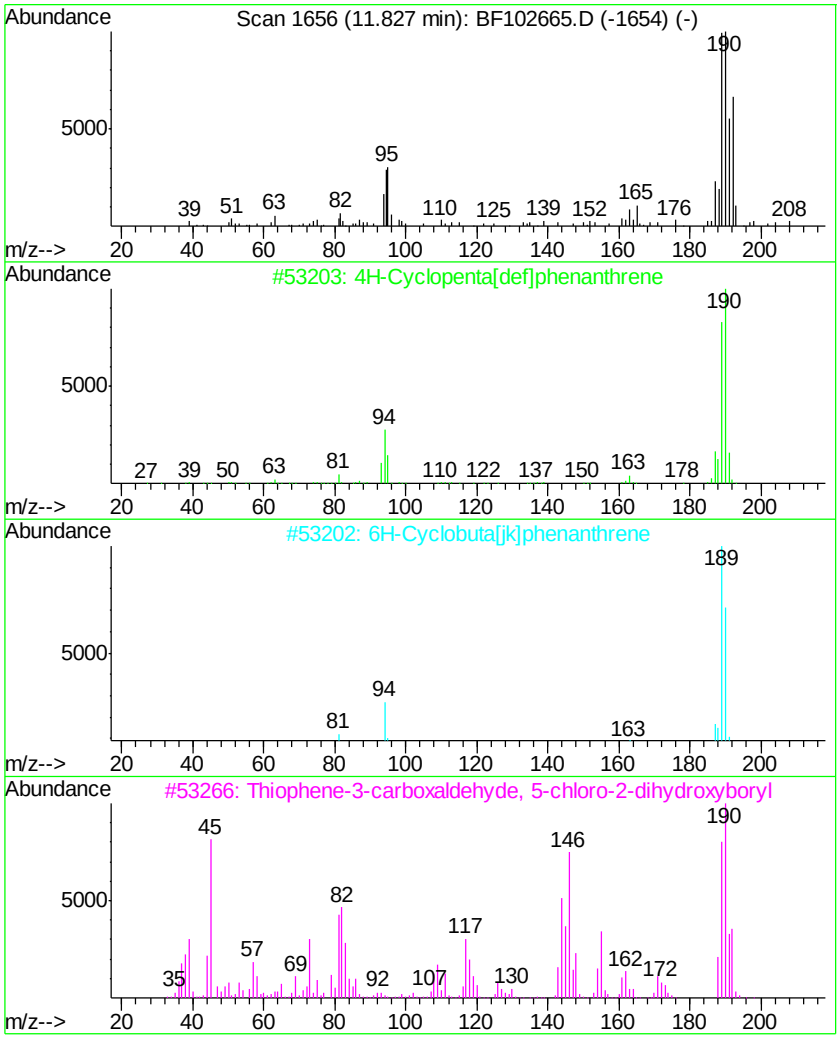
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

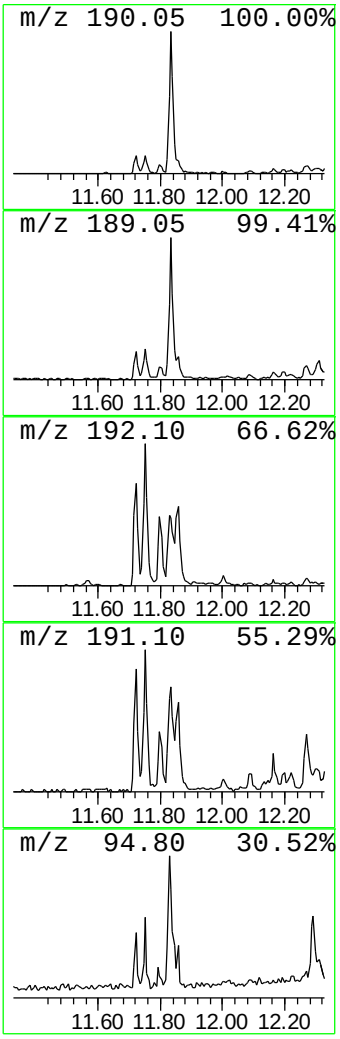
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.99 ng	184986	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





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Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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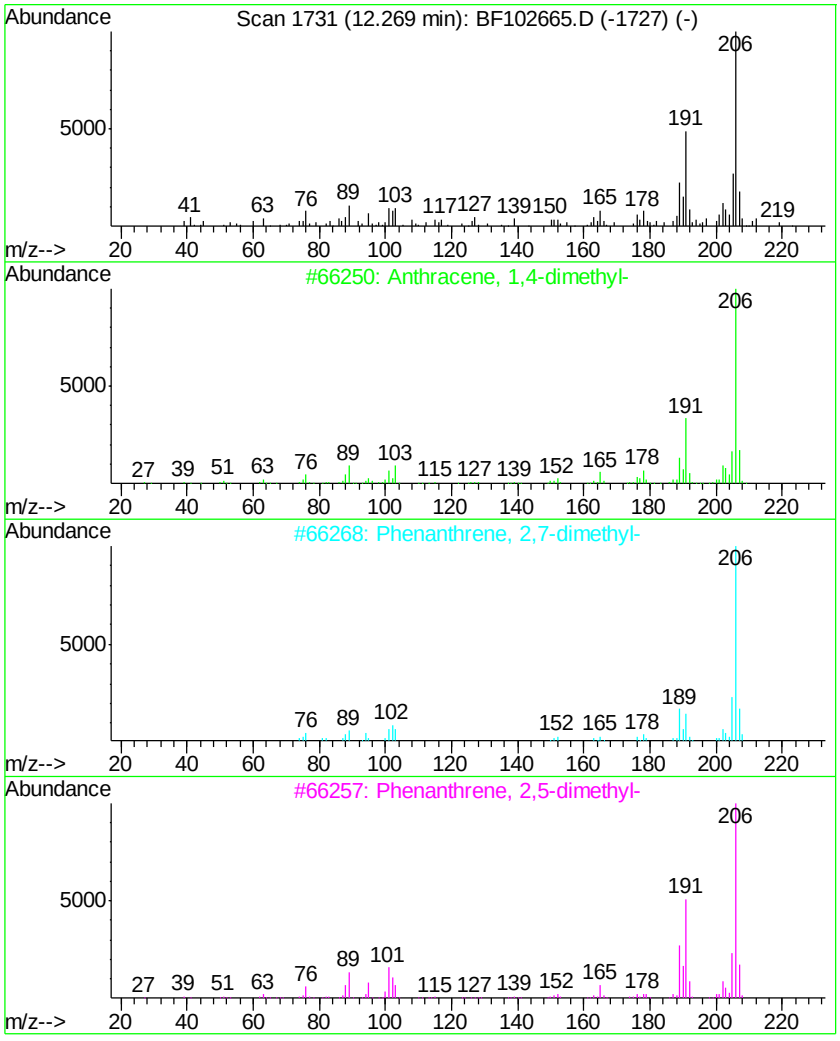
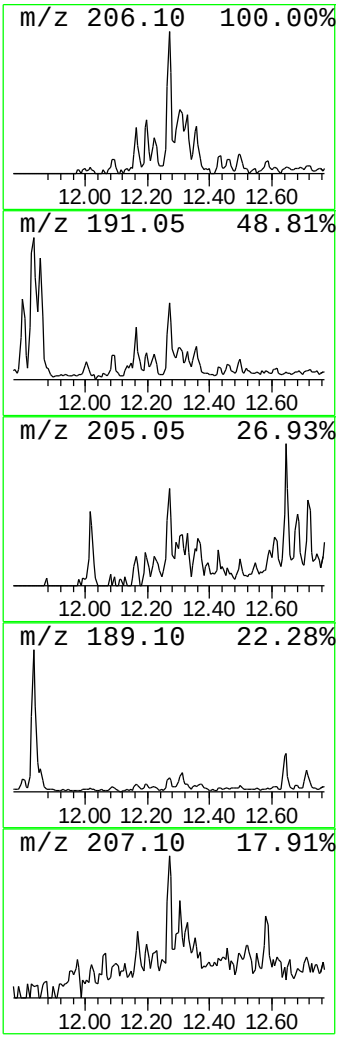
Peak Number 9 Anthracene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.53 ng	94025	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	95
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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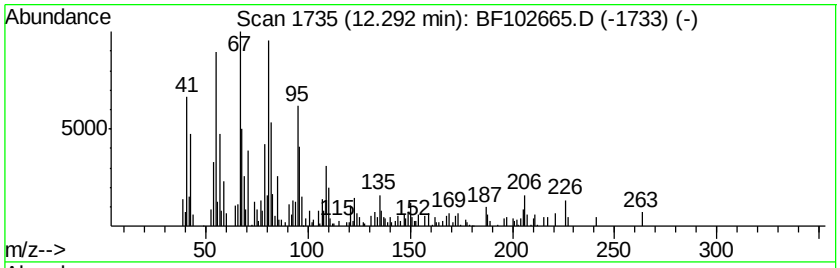
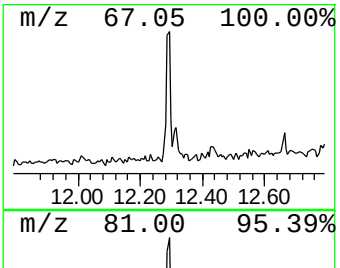
Peak Number 10 2-Chloroethyl linoleate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.82 ng	141843	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	68
2	9-Octadecyne	250	C18H34	035365-59-4	68
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	64
4	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	64
5	8-Hexadecyne	222	C16H30	019781-86-3	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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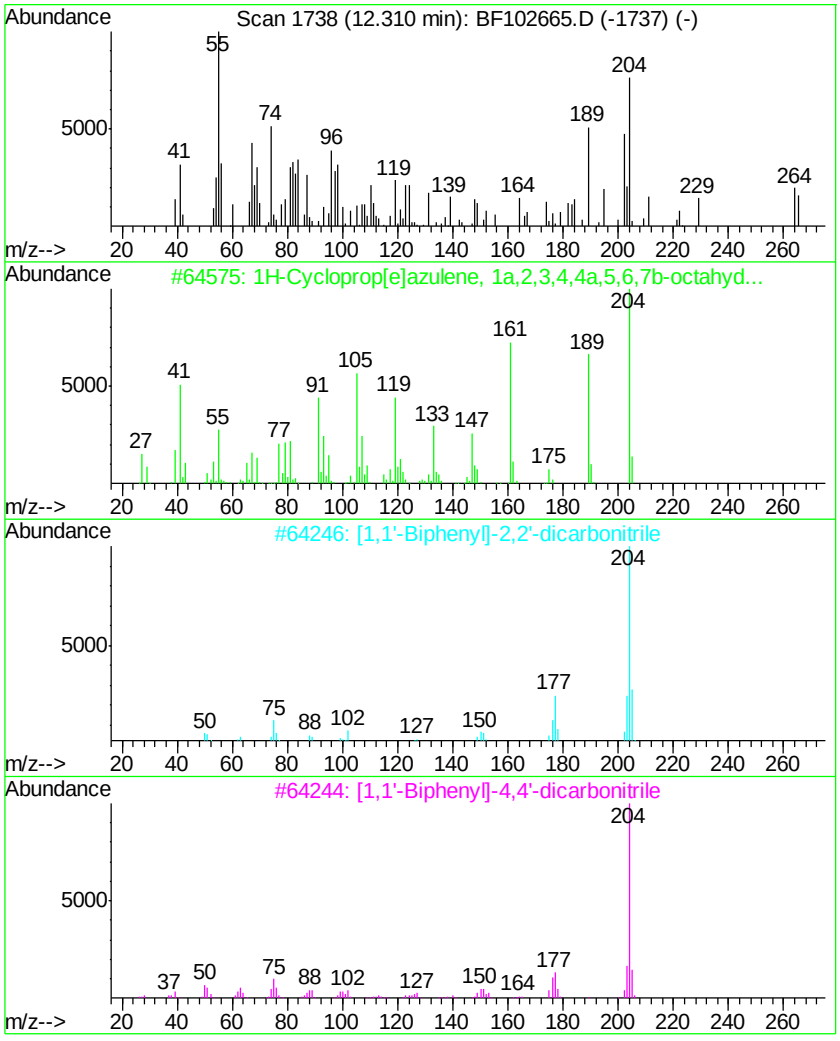
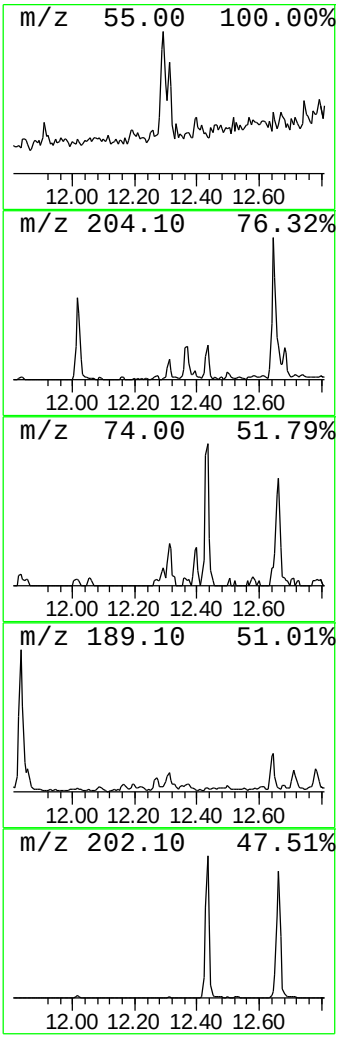
Peak Number 11 unknown12.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.60 ng	96408	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	27
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	22
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	18
4	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	16
5	1-Ethyl-3-phenyl-4-amino-4,5(1H)...	204	C10H12N4O	073316-60-6	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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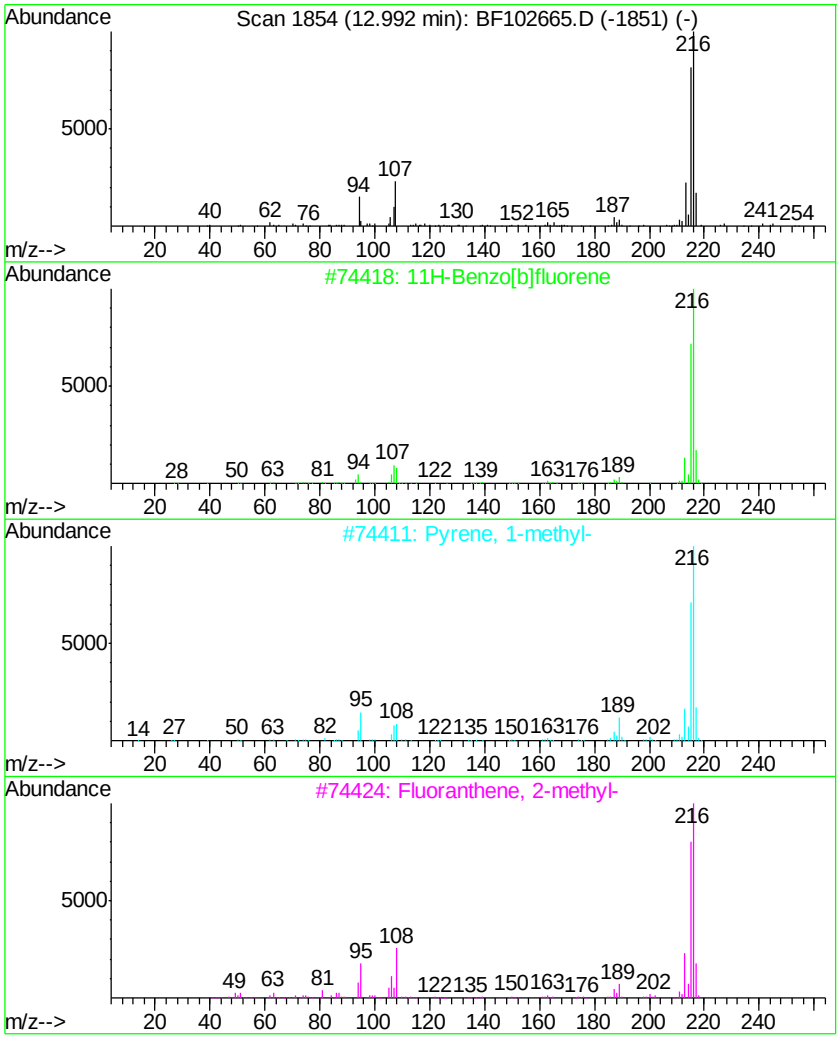
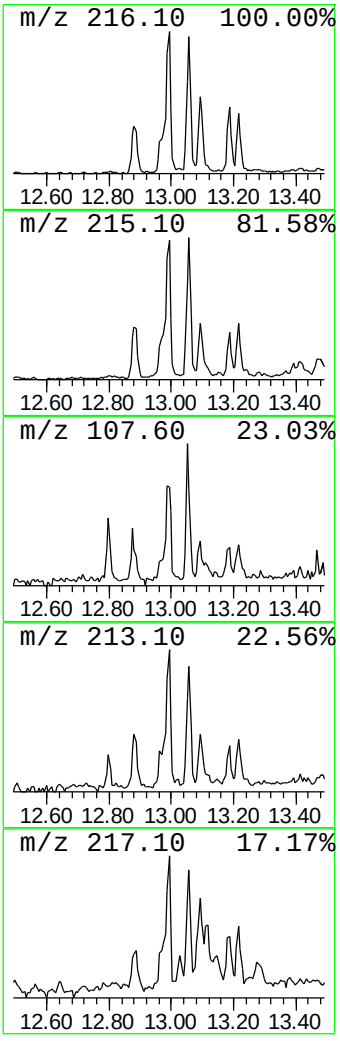
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.18 ng	152206	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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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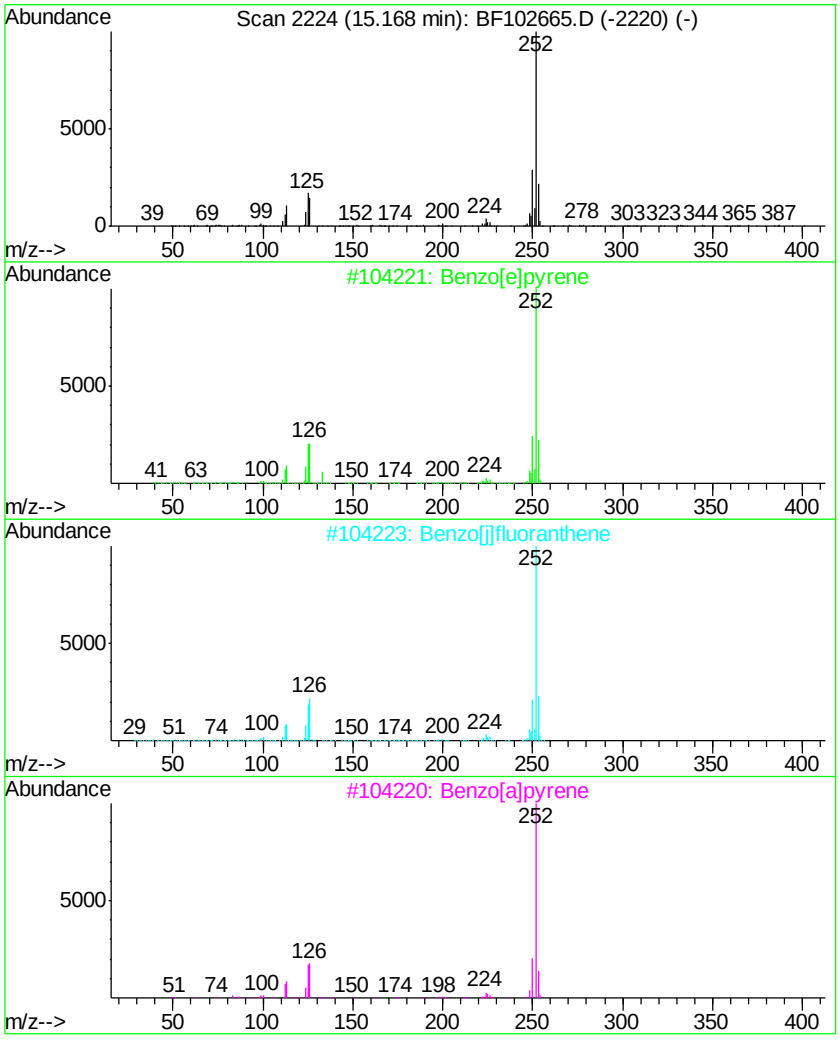
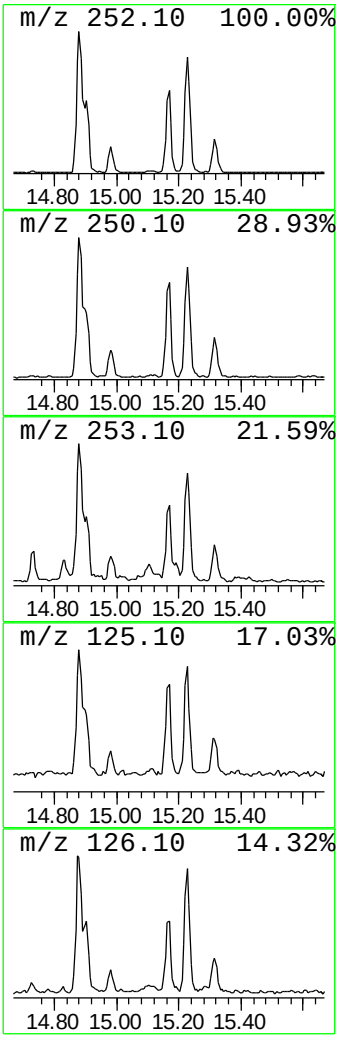
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	9.82 ng	319891	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102665.D
Acq On : 31 Jan 2018 20:03
Operator : SJ/JU
Sample : J1015-24 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-013018-C

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
unknown6.47	6.47	17.7	ng	692983	1	6.70	782525	20.0
Dimethyl phthalate	9.46	2.0	ng	87585	3	9.73	869279	20.0
Tridecane	10.63	2.3	ng	85481	4	11.22	741880	20.0
Dibenzothiophene	11.12	2.1	ng	77220	4	11.22	741880	20.0
Phenanthrene, 2-m...	11.72	2.3	ng	86473	4	11.22	741880	20.0
Phenanthrene, 1-m...	11.75	3.4	ng	125335	4	11.22	741880	20.0
4H-Cyclopenta[def...	11.83	5.0	ng	184986	4	11.22	741880	20.0
Anthracene, 1,4-d...	12.27	2.5	ng	94025	4	11.22	741880	20.0
2-Chloroethyl lin...	12.29	3.8	ng	141843	4	11.22	741880	20.0
unknown12.31	12.31	2.6	ng	96408	4	11.22	741880	20.0
11H-Benzo[b]fluorene	12.99	2.2	ng	152206	5	13.86	1397600	20.0
Benzo[e]pyrene	15.17	9.8	ng	319891	6	15.29	651805	20.0