LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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	4.928	479	483	493	rVB	92164	133482	3.21%	0.249%
2	5.334	547	552	555	rBV	3820279	3887124	93.50%	7.247%
3	6.369	722	728	744	rBV	3349336	4157476	100.00%	7.751%
4	6.487	744	748	751	rVV	3919053	3974648	95.60%	7.410%
5	6.539	754	757	763	rVB3	39568	56111	1.35%	0.105%
6	6.710	783	786	794	rBV	1068810	996606	23.97%	1.858%
7	6.869	809	813	816	rBV	3202515	2825230	67.96%	5.267%
8	7.286	879	884	887	rBV	2453910	2486724	59.81%	4.636%
9	7.386	898	901	910	rVB3	28981	45337	1.09%	0.085%
10	7.457	910	913	916	rVB	62431	52316	1.26%	0.098%
11	7.998	1001	1005	1008	rBV	1316901	1182342	28.44%	2.204%
12	8.581	1101	1104	1108	rBV	60928	49248	1.18%	0.092%
13	8.710	1123	1126	1130	rBV	50316	47938	1.15%	0.089%
14	8.804	1139	1142	1146	rBV	48307	48468	1.17%	0.090%
15	9.075	1182	1188	1191	rBV	3201775	3165954	76.15%	5.902%
16	9.145	1197	1200	1203	rBV	166974	131019	3.15%	0.244%
17	9.339	1229	1233	1237	rBV	59076	74015	1.78%	0.138%
18	9.404	1241	1244	1247	rVV2	95153	114074	2.74%	0.213%
19	9.469	1251	1255	1260	rVV	631817	623192	14.99%	1.162%
20	9.516	1260	1263	1273	rVB2	162931	211952	5.10%	0.395%
21	9.610	1276	1279	1283	rVB	104428	88576	2.13%	0.165%
22	9.675	1287	1290	1293	rBV	262014	192301	4.63%	0.359%
23	9.751	1294	1303	1305	rBV	1260286	1272532	30.61%	2.372%
24	9.780	1305	1308	1311	rVB	271641	247826	5.96%	0.462%
25	9.851	1317	1320	1325	rVB3	41204	53012	1.28%	0.099%
26	9.904	1325	1329	1332	rBV3	108584	116396	2.80%	0.217%
27	9.951	1332	1337	1341	rVV3	119567	163533	3.93%	0.305%
28	9.992	1341	1344	1348	rVB4	96322	99797	2.40%	0.186%
29	10.063	1353	1356	1359	rBV	55049	52590	1.26%	0.098%
30	10.151	1367	1371	1372	rBV3	55962	66266	1.59%	0.124%
31	10.175	1372	1375	1378	rVB2	307824	250681	6.03%	0.467%
32	10.292	1392	1395	1401	rVB	226178	243206	5.85%	0.453%
33	10.345	1401	1404	1405	rBV3	48517	45679	1.10%	0.085%
34	10.386	1408	1411	1417	rVV3	91318	173273	4.17%	0.323%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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	10.451	1419	1422	1425	rVB	78601	80281	1.93%	0.150%
36	10.539	1434	1437	1440	rBV	1654563	1758561	42.30%	3.279%
37	10.610	1447	1449	1452	rVB2	80265	60328	1.45%	0.112%
38	10.645	1452	1455	1463	rVB	258834	335763	8.08%	0.626%
39	10.710	1463	1466	1468	rBV	80743	64089	1.54%	0.119%
40	10.845	1484	1489	1491	rBV3	102881	129239	3.11%	0.241%
41	10.869	1491	1493	1496	rVB2	75881	66848	1.61%	0.125%
42	10.927	1501	1503	1506	rVB2	66326	47637	1.15%	0.089%
43	10.969	1506	1510	1512	rBV3	61124	87296	2.10%	0.163%
44	10.992	1512	1514	1516	rVV3	74460	61536	1.48%	0.115%
45	11.045	1520	1523	1525	rVV	72044	68393	1.65%	0.128%
46	11.092	1527	1531	1534	rVV2	206564	221629	5.33%	0.413%
47	11.127	1534	1537	1544	rVB2	160527	184085	4.43%	0.343%
48	11.233	1551	1555	1557	rBV	954556	926640	22.29%	1.728%
49	11.263	1557	1560	1563	rVV	2082755	1786345	42.97%	3.330%
50	11.310	1565	1568	1571	rVV	556457	465244	11.19%	0.867%
51	11.345	1571	1574	1576	rVV2	40247	45635	1.10%	0.085%
52	11.474	1591	1596	1601	rBV2	136051	211042	5.08%	0.393%
53	11.521	1601	1604	1607	rVV2	139722	146444	3.52%	0.273%
54	11.569	1609	1612	1616	rVB3	79554	98023	2.36%	0.183%
55	11.645	1623	1625	1630	rVB	54286	58968	1.42%	0.110%
56	11.733	1637	1640	1643	rBV	379509	374683	9.01%	0.699%
57	11.763	1643	1645	1649	rVV	464231	415602	10.00%	0.775%
58	11.810	1651	1653	1656	rVV	181718	165870	3.99%	0.309%
59	11.845	1656	1659	1662	rVV2	559510	636289	15.30%	1.186%
60	11.869	1662	1663	1667	rVB	324990	212235	5.10%	0.396%
61	11.927	1669	1673	1675	rBV3	115710	123580	2.97%	0.230%
62	11.969	1678	1680	1683	rBV2	62645	49627	1.19%	0.093%
63	12.033	1688	1691	1694	rVV	227595	219180	5.27%	0.409%
64	12.063	1694	1696	1701	rVB	145983	147851	3.56%	0.276%
65	12.180	1714	1716	1719	rVV	111248	101250	2.44%	0.189%
66	12.210	1719	1721	1723	rVV2	114084	96129	2.31%	0.179%
67	12.239	1723	1726	1728	rVB2	85478	83713	2.01%	0.156%
68	12.286	1730	1734	1737	rBV	306128	330515	7.95%	0.616%
69	12.321	1737	1740	1742	rVV3	201777	252303	6.07%	0.470%
70	12.380	1746	1750	1753	rBV3	148314	208742	5.02%	0.389%
71	12.451	1758	1762	1766	rBV	2328807	2199913	52.91%	4.101%

LSC Area Percent Report

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Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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	12.598	1784	1787	1790	rBV3	113328	125763	3.02%	0.234%
73	12.680	1795	1801	1807	rBV	2151160	2656095	63.89%	4.952%
74	12.727	1807	1809	1813	rVB2	130502	165485	3.98%	0.309%
75	12.821	1821	1825	1827	rBV	1972532	1688369	40.61%	3.148%
76	12.898	1834	1838	1842	rBV2	198837	306082	7.36%	0.571%
77	13.010	1849	1857	1859	rBV	358727	552457	13.29%	1.030%
78	13.074	1865	1868	1870	rBV	263682	224829	5.41%	0.419%
79	13.110	1871	1874	1877	rBV2	254038	256972	6.18%	0.479%
80	13.204	1887	1890	1893	rBV2	203491	175617	4.22%	0.327%
81	13.233	1893	1895	1899	rBV	203465	200308	4.82%	0.373%
82	13.298	1904	1906	1908	rBV	139259	120373	2.90%	0.224%
83	13.386	1919	1921	1924	rBV2	96673	86490	2.08%	0.161%
84	13.521	1941	1944	1947	rVB	168321	157532	3.79%	0.294%
85	13.627	1959	1962	1964	rBV	203312	182618	4.39%	0.340%
86	13.651	1964	1966	1968	rVV	213477	160659	3.86%	0.300%
87	13.680	1968	1971	1972	rVV	127205	124626	3.00%	0.232%
88	13.710	1974	1976	1983	rVB3	354965	530510	12.76%	0.989%
89	13.874	1997	2004	2007	rBV2	1387123	2285333	54.97%	4.261%
90	13.904	2007	2009	2017	rVB	1022843	1082132	26.03%	2.017%
91	13.980	2020	2022	2025	rVB	157221	148515	3.57%	0.277%
92	14.904	2176	2179	2182	rBV	615785	830682	19.98%	1.549%
93	15.192	2225	2228	2234	rVB	334313	440415	10.59%	0.821%
94	15.257	2235	2239	2243	rVB	569840	699257	16.82%	1.304%
95	15.315	2245	2249	2252	rBV	502626	586136	14.10%	1.093%

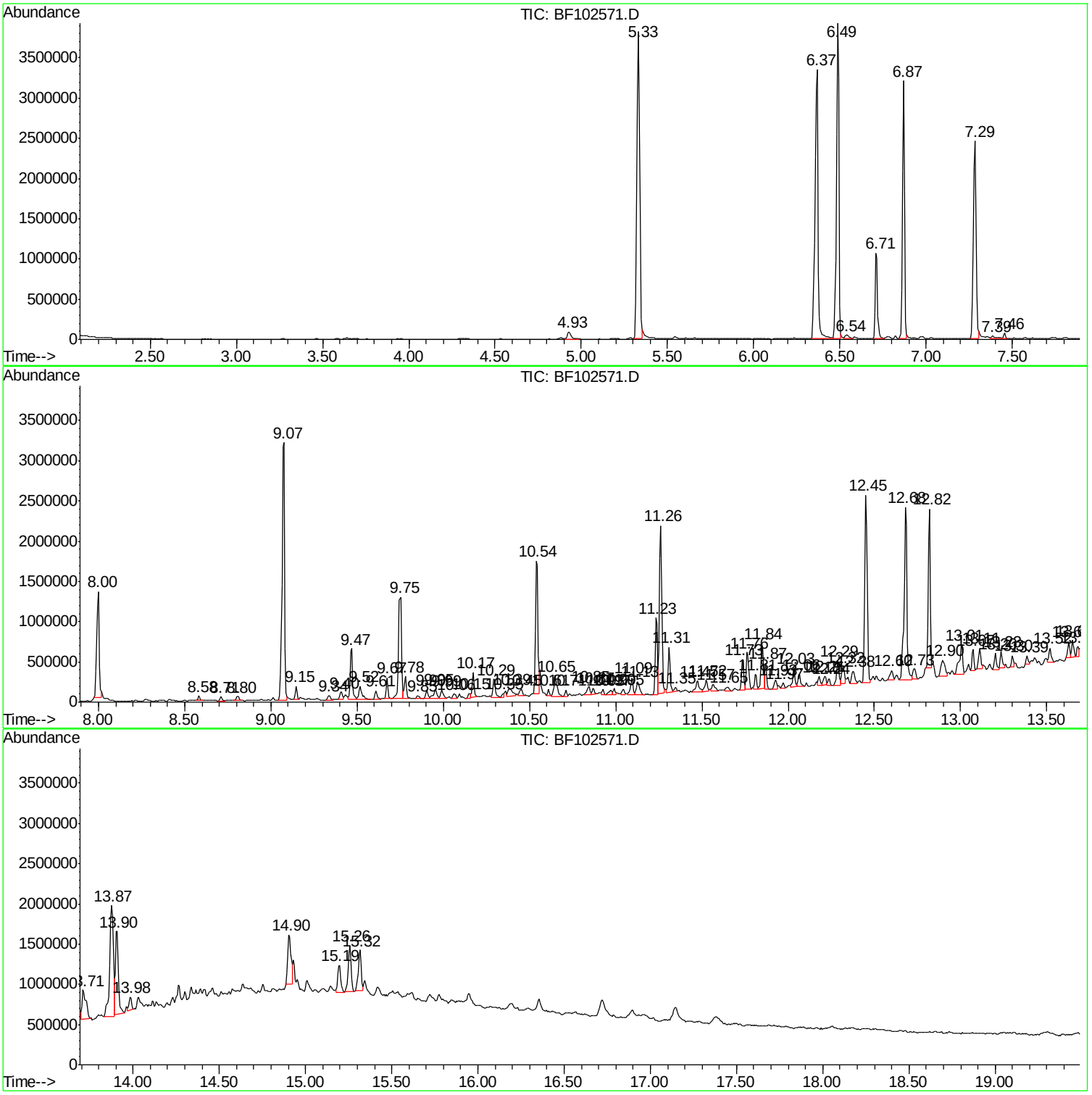
Sum of corrected areas: 53637687

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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

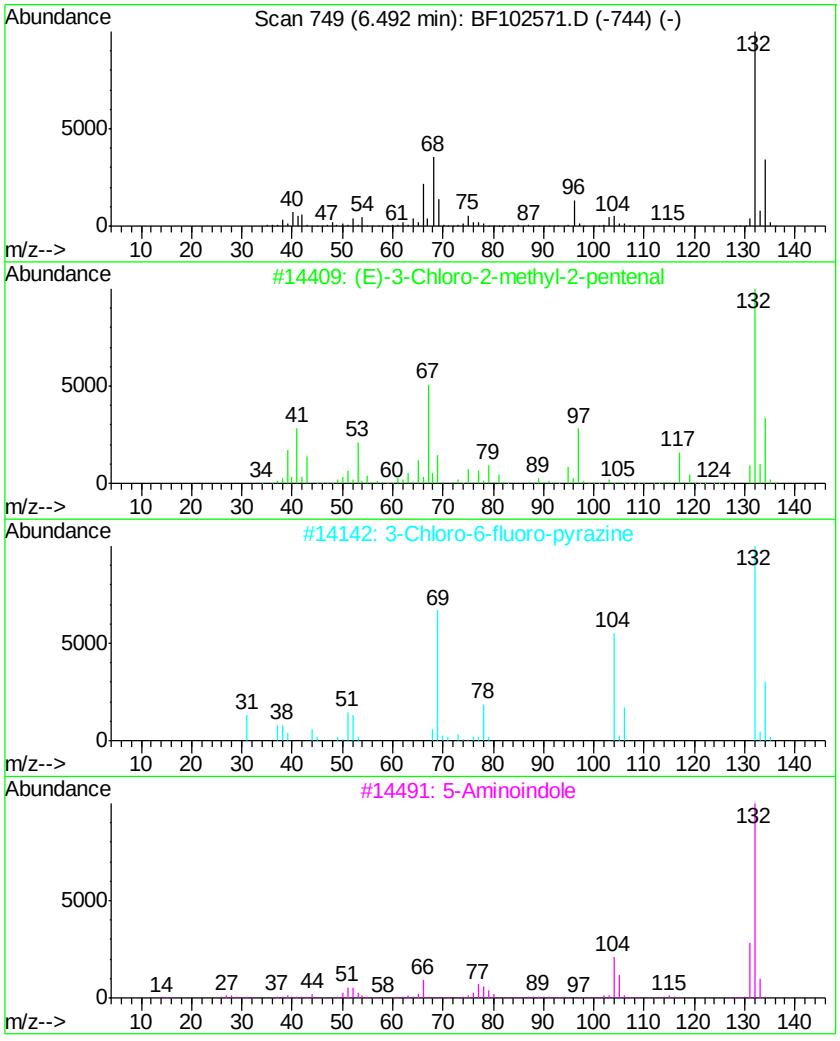
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

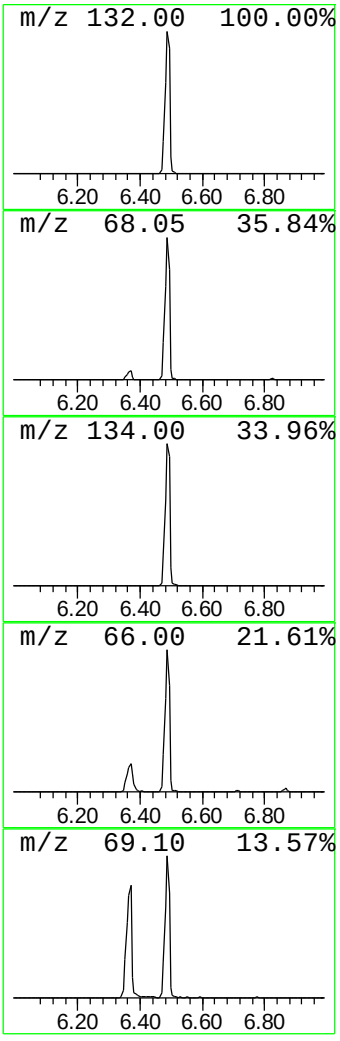
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	79.76 ng	3974650	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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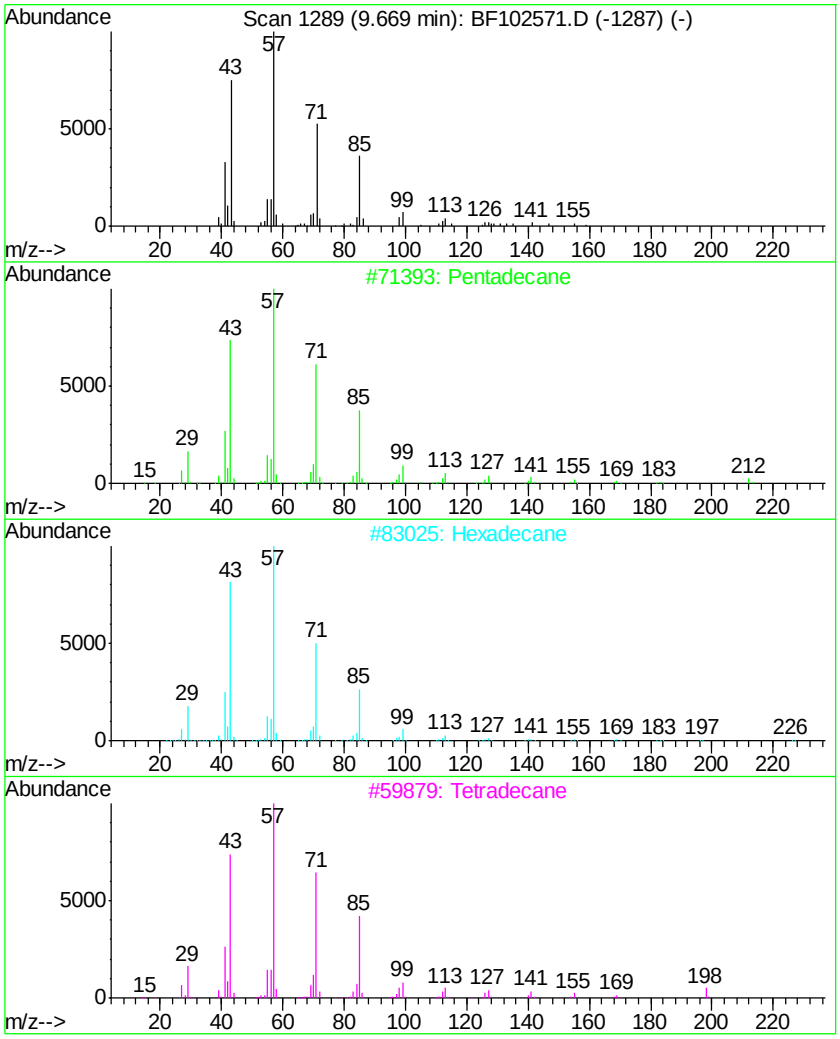
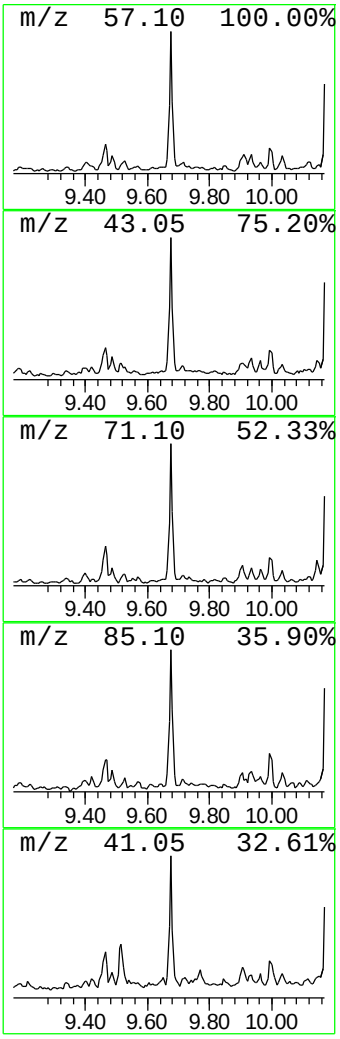
Peak Number 3 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.02 ng	192301	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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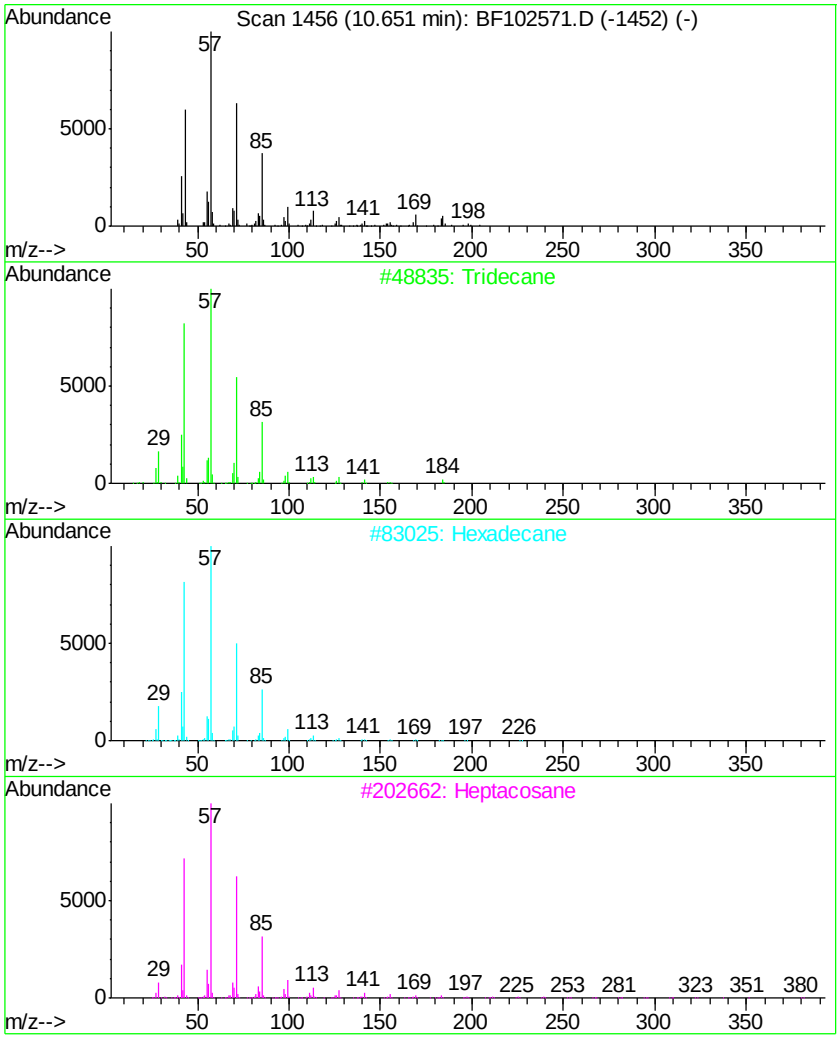
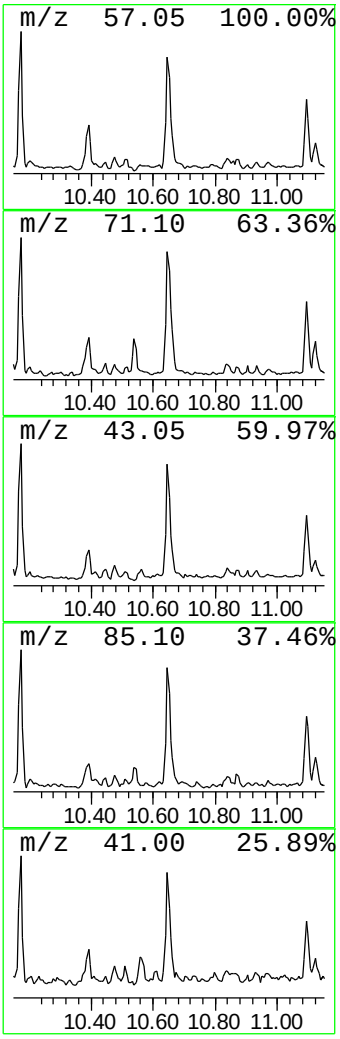
Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	7.25 ng	335763	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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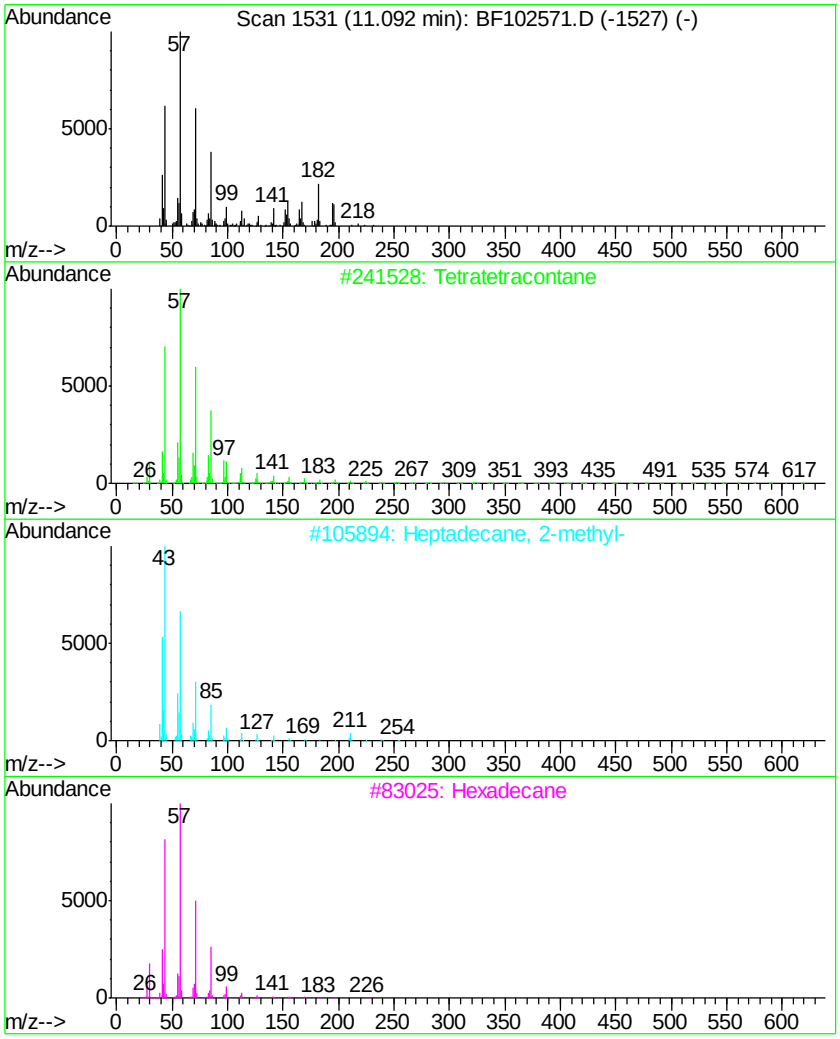
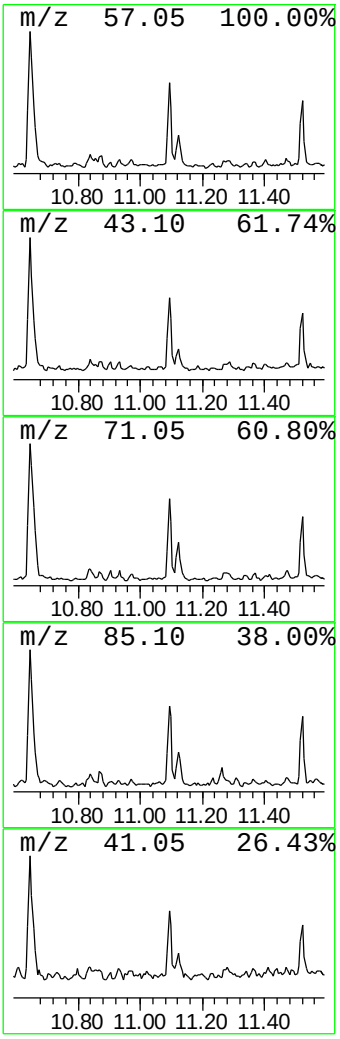
Peak Number 6 unknown11.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	4.78 ng	221629	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	47
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	47
3	Hexadecane	226	C16H34	000544-76-3	46
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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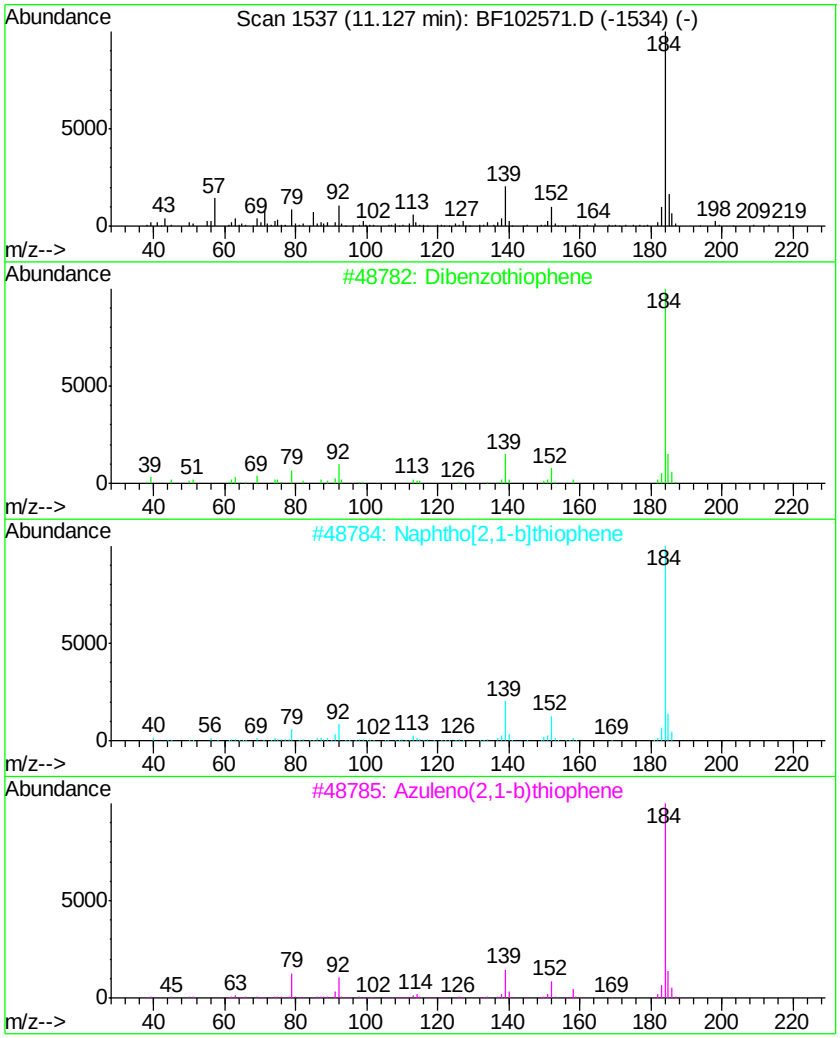
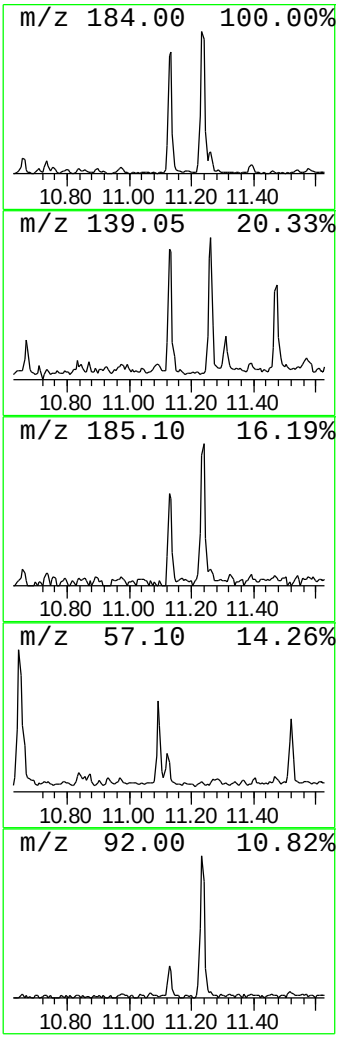
Peak Number 7 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.97 ng	184085	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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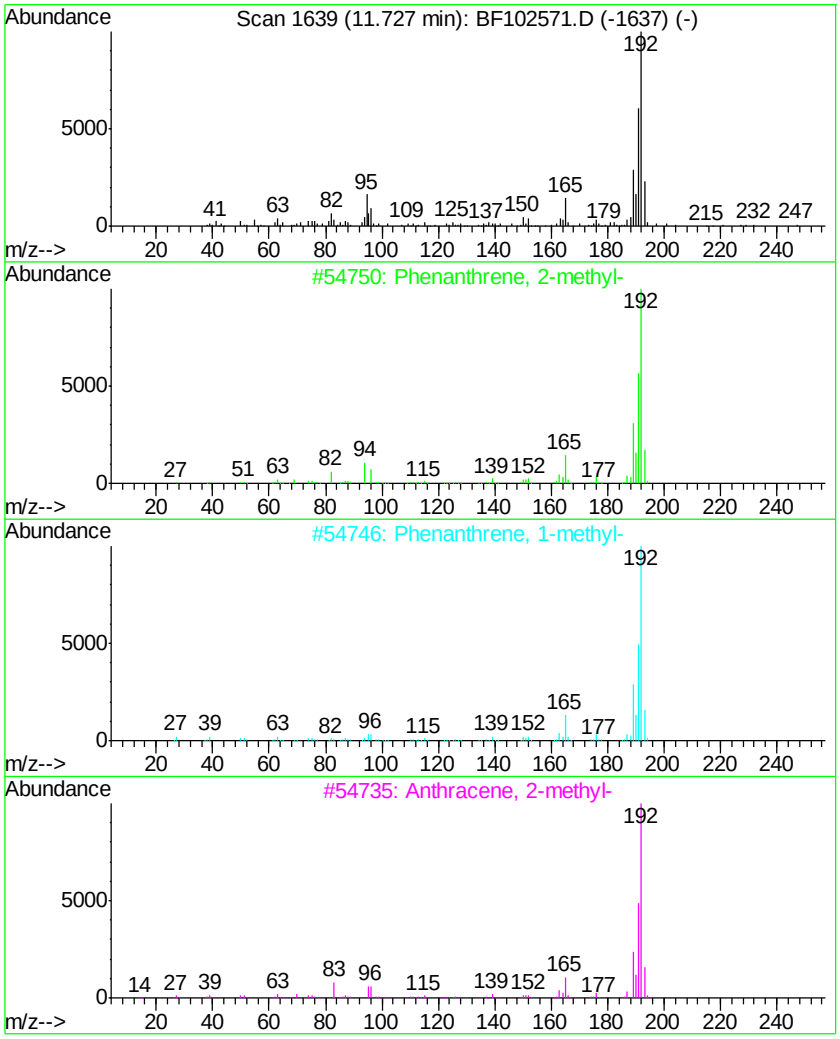
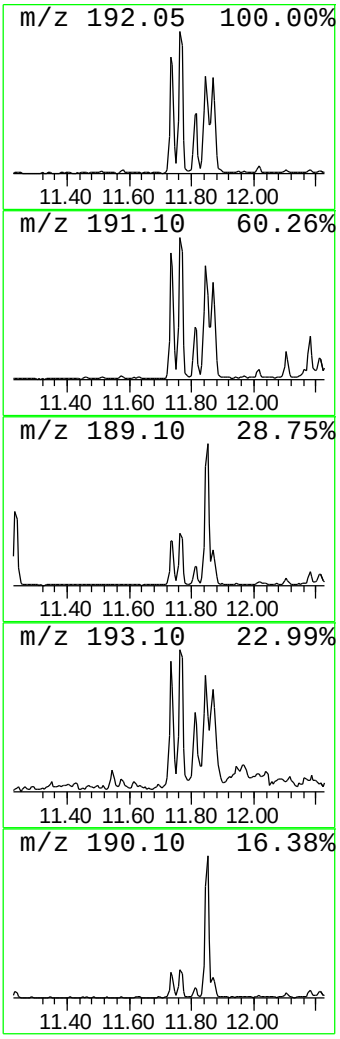
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.09 ng	374683	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





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Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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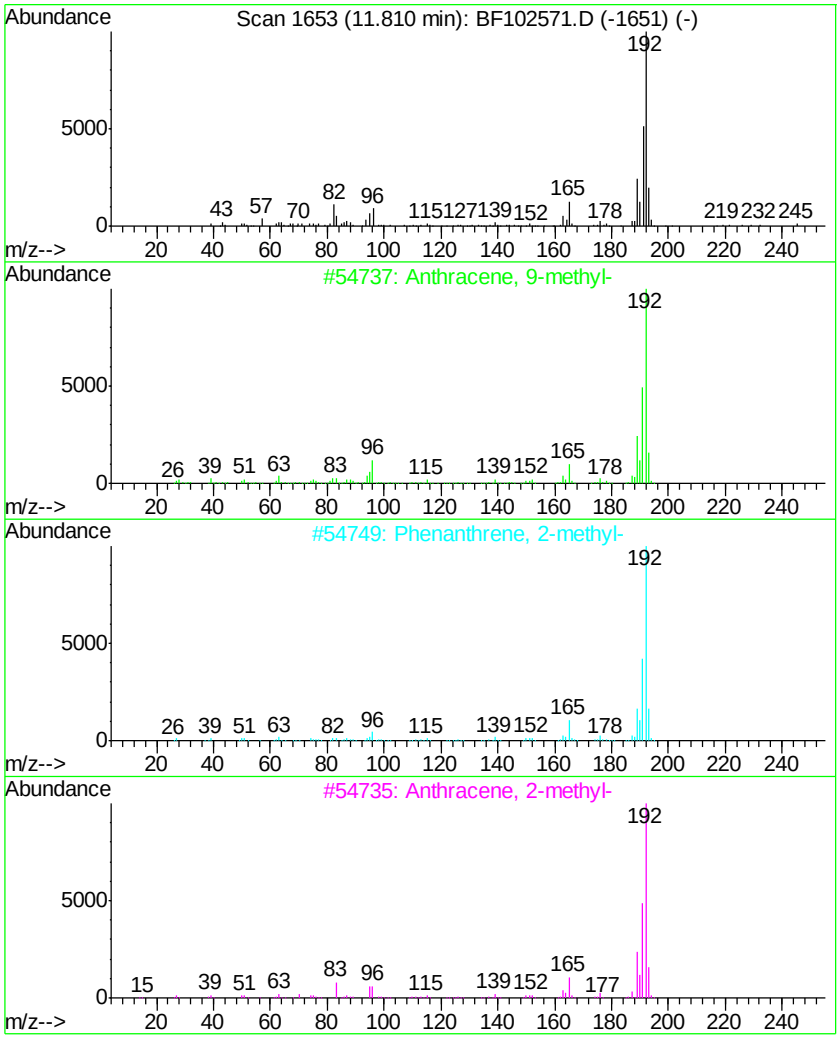
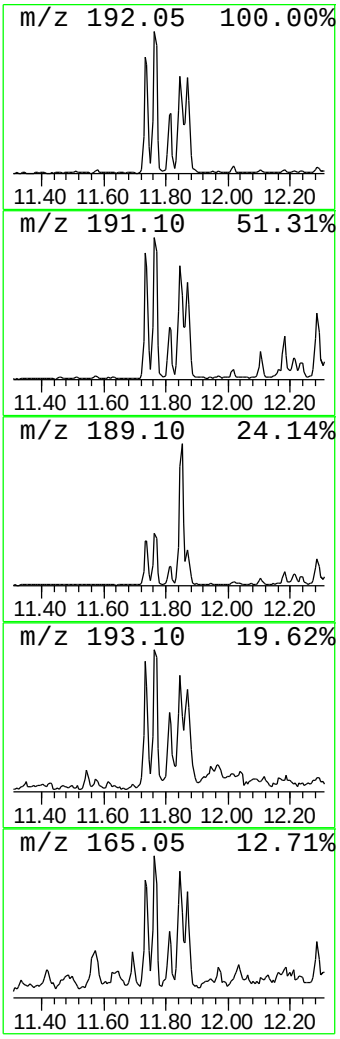
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.58 ng	165870	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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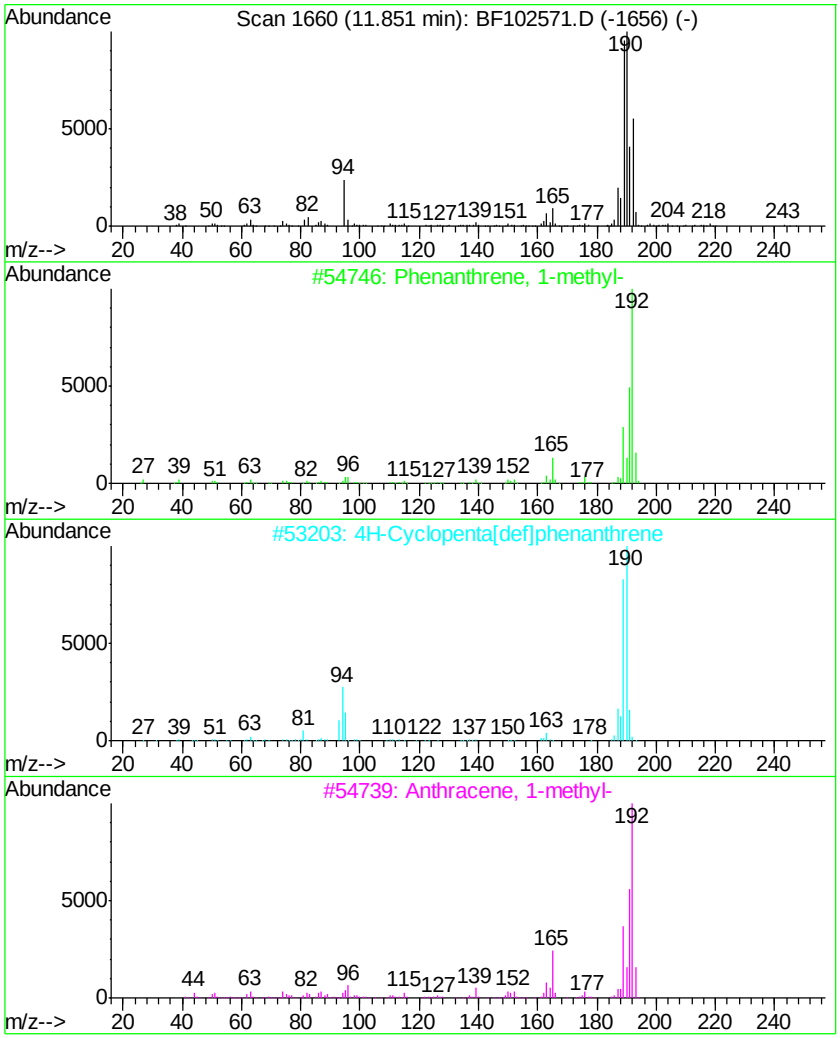
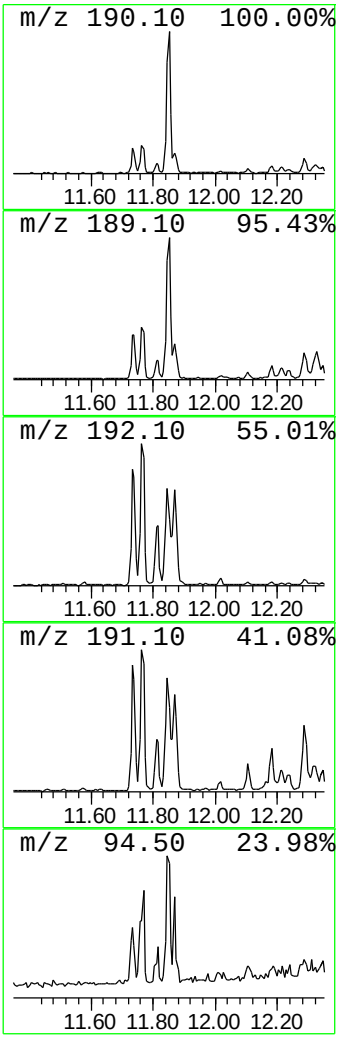
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.73 ng	636289	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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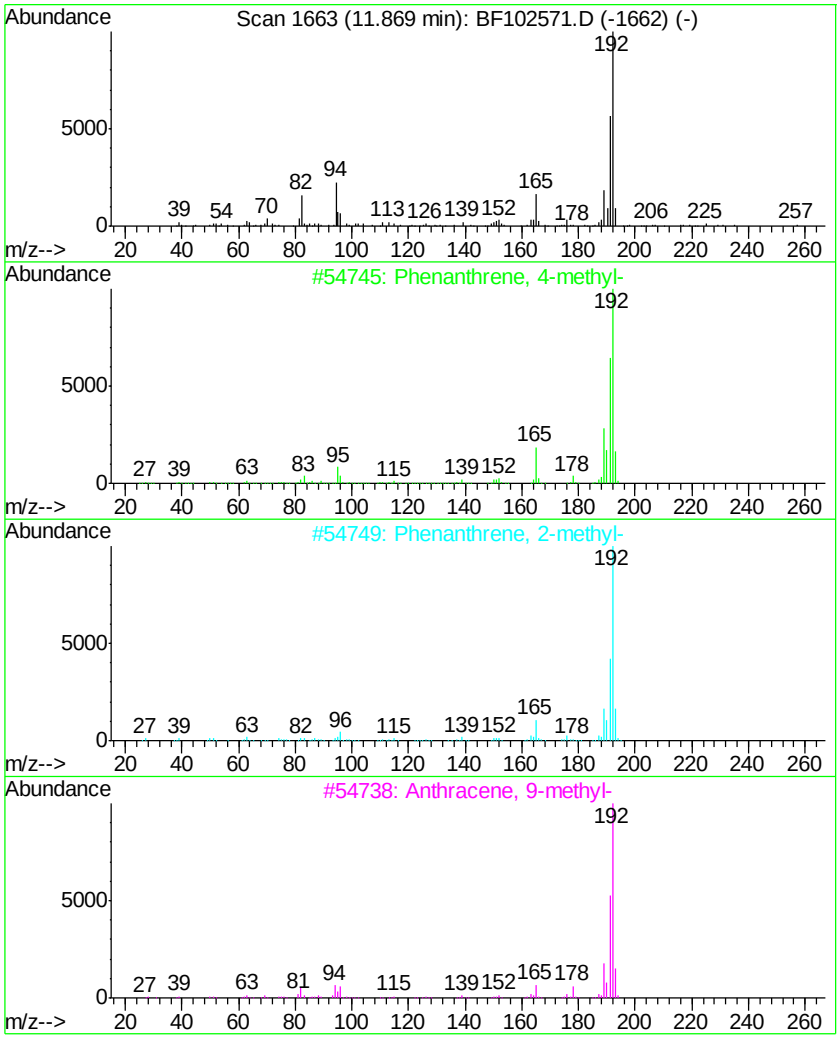
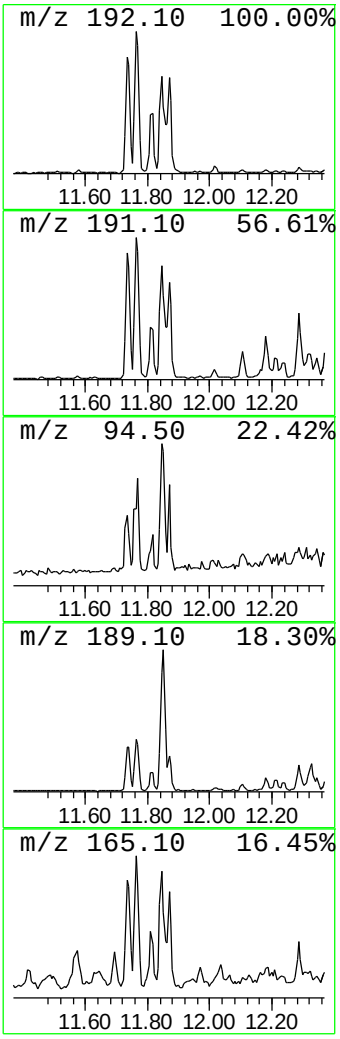
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.58 ng	212235	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76





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Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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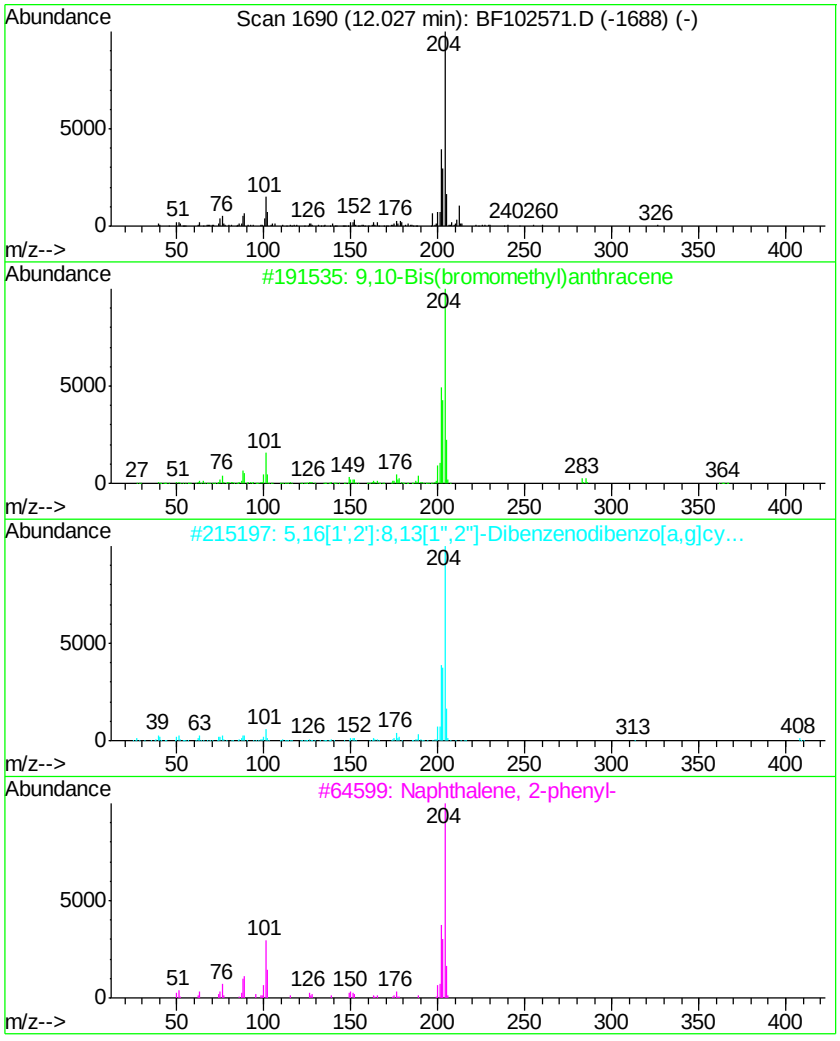
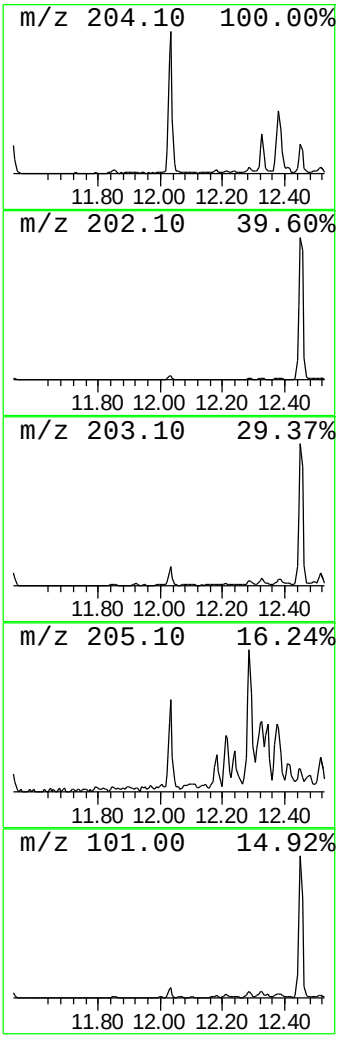
Peak Number 13 9,10-Bis(bromomethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.73 ng	219180	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Library Search Compound Report

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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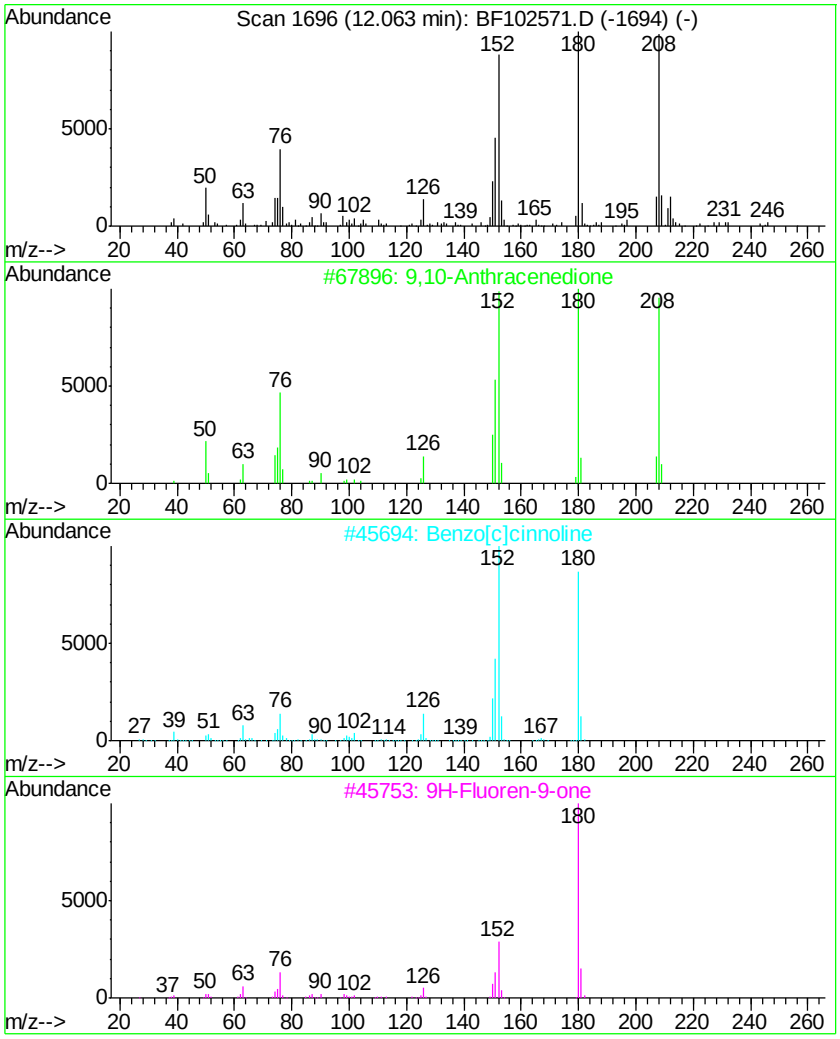
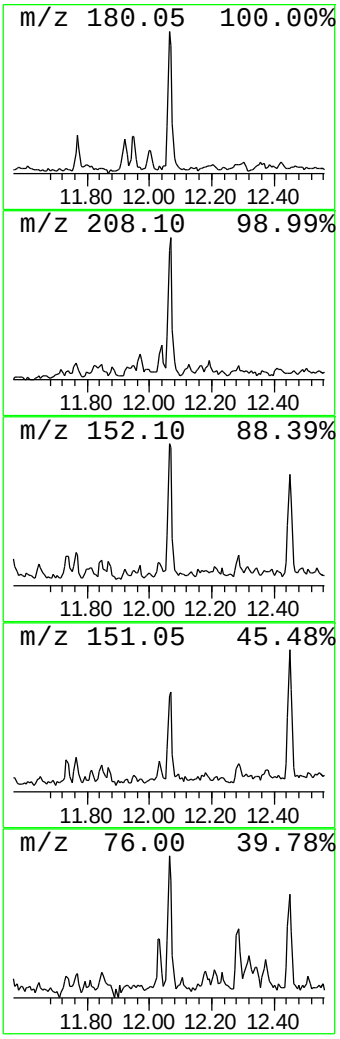
Peak Number 14 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.19 ng	147851	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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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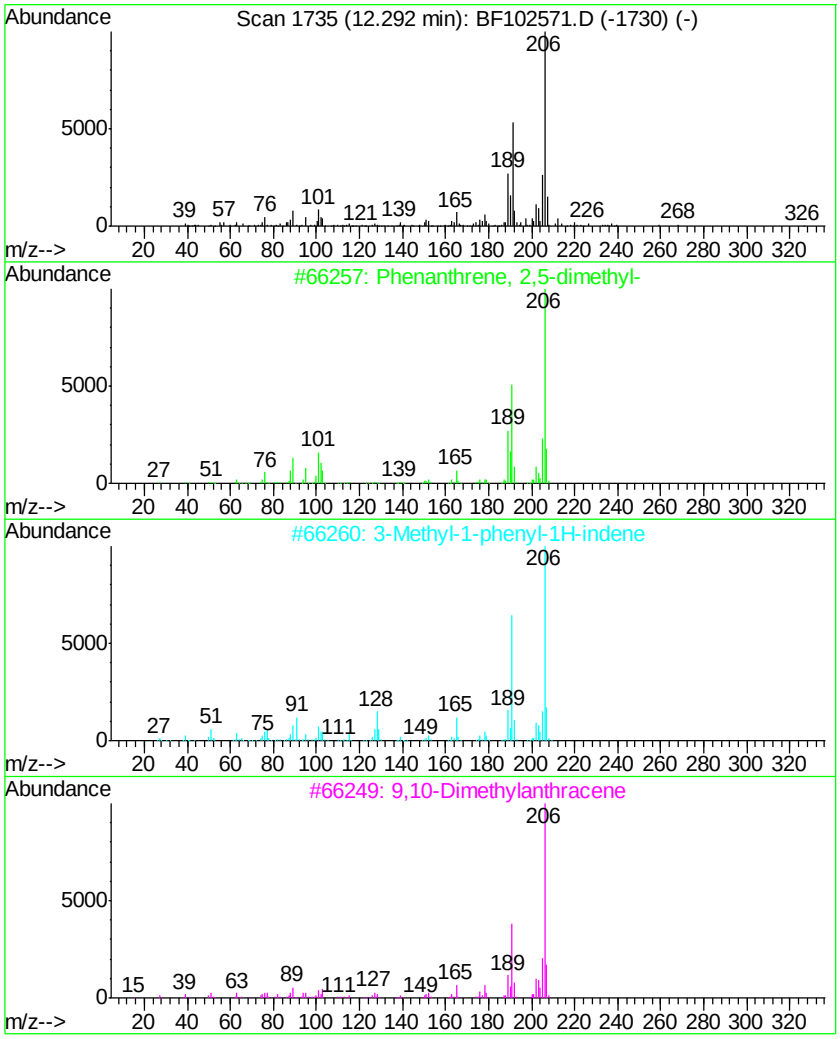
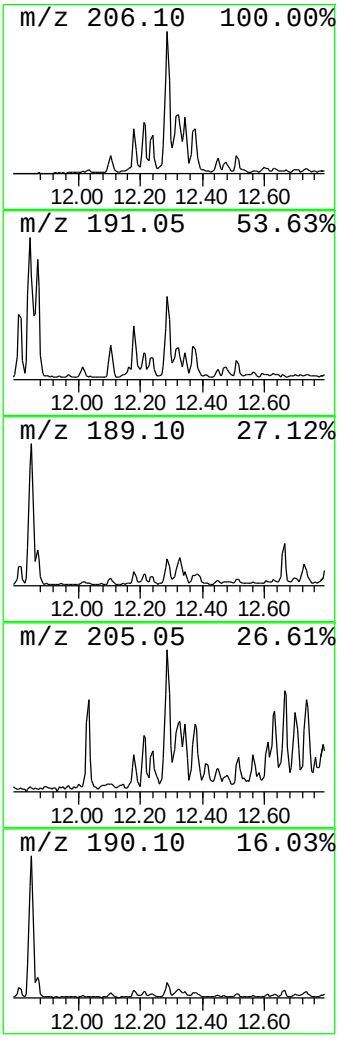
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	7.13 ng	330515	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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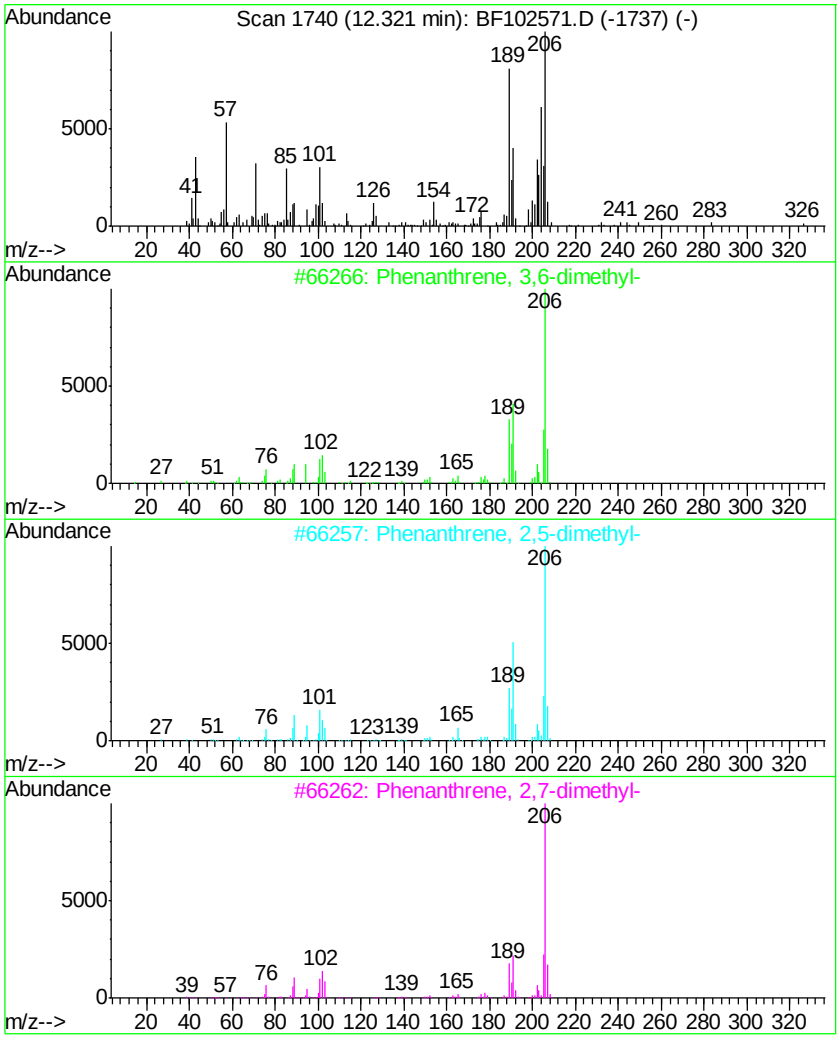
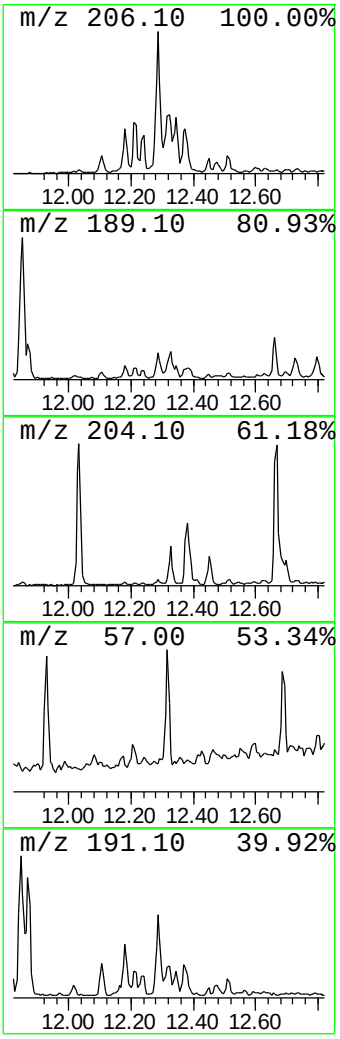
Peak Number 16 unknown12.32 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.45 ng	252303	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	30
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25
5	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	25





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Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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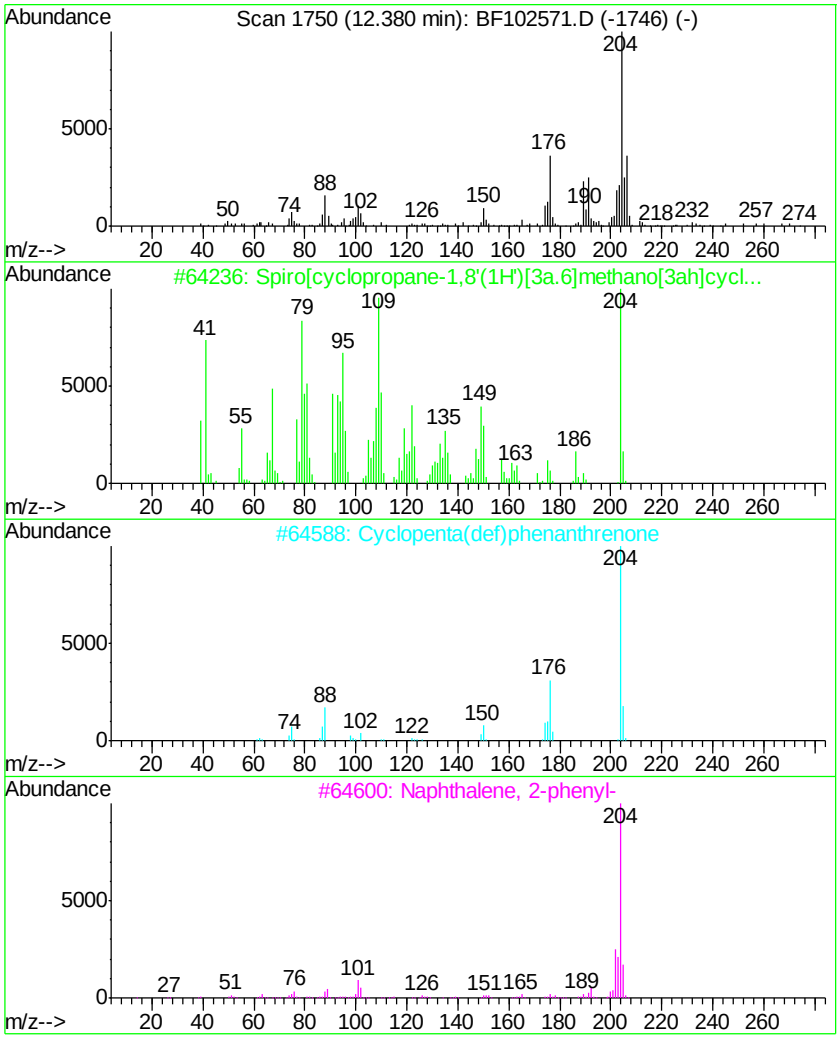
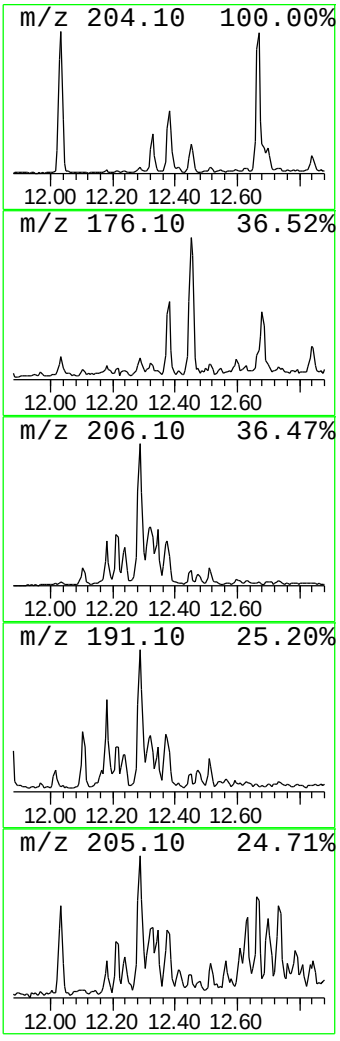
Peak Number 17 Spiro[cyclopropane-1,8'(1H'... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.51 ng	208742	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	74
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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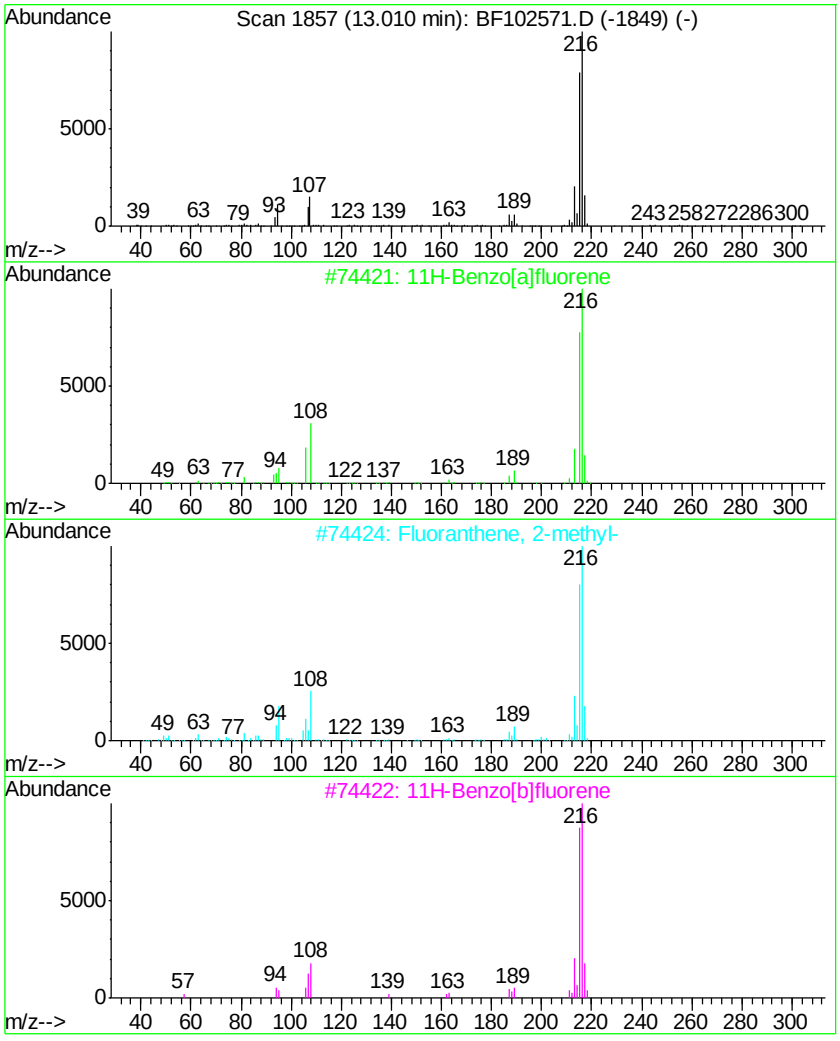
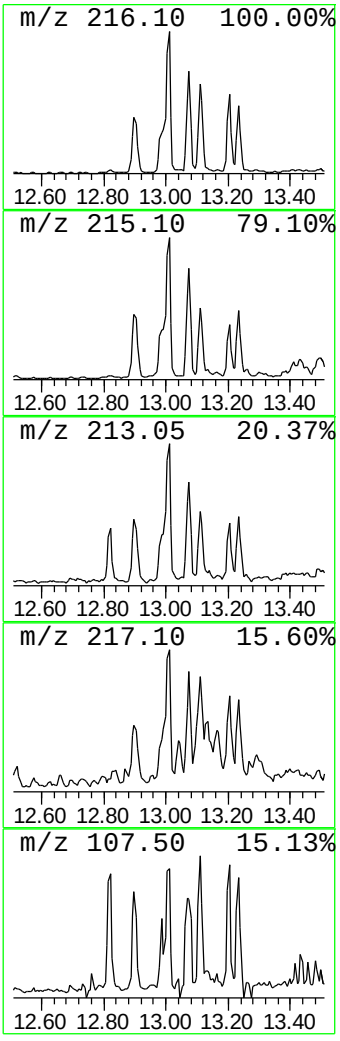
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	4.83 ng	552457	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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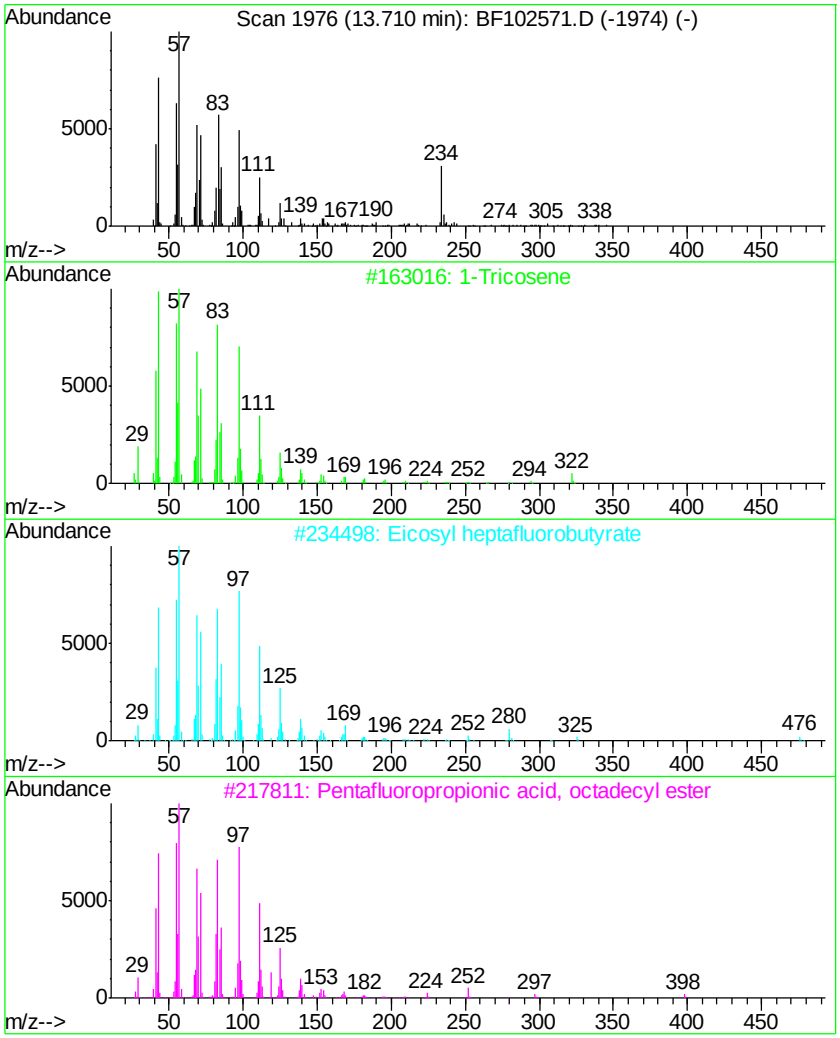
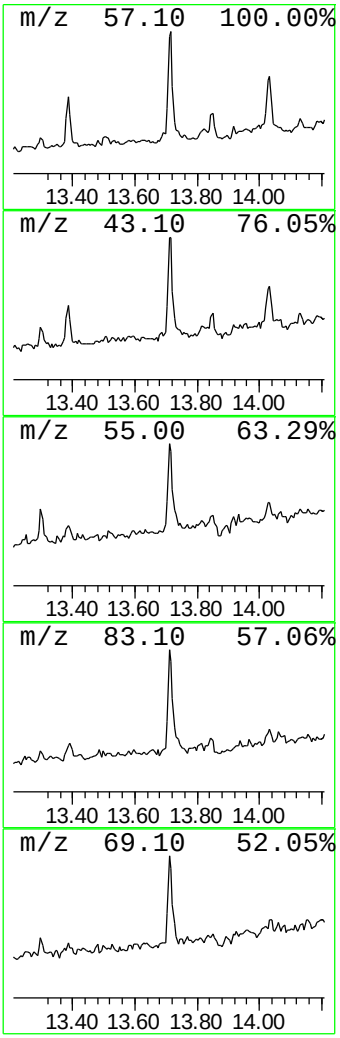
Peak Number 19 1-Tricosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.64 ng	530510	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	93
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	87
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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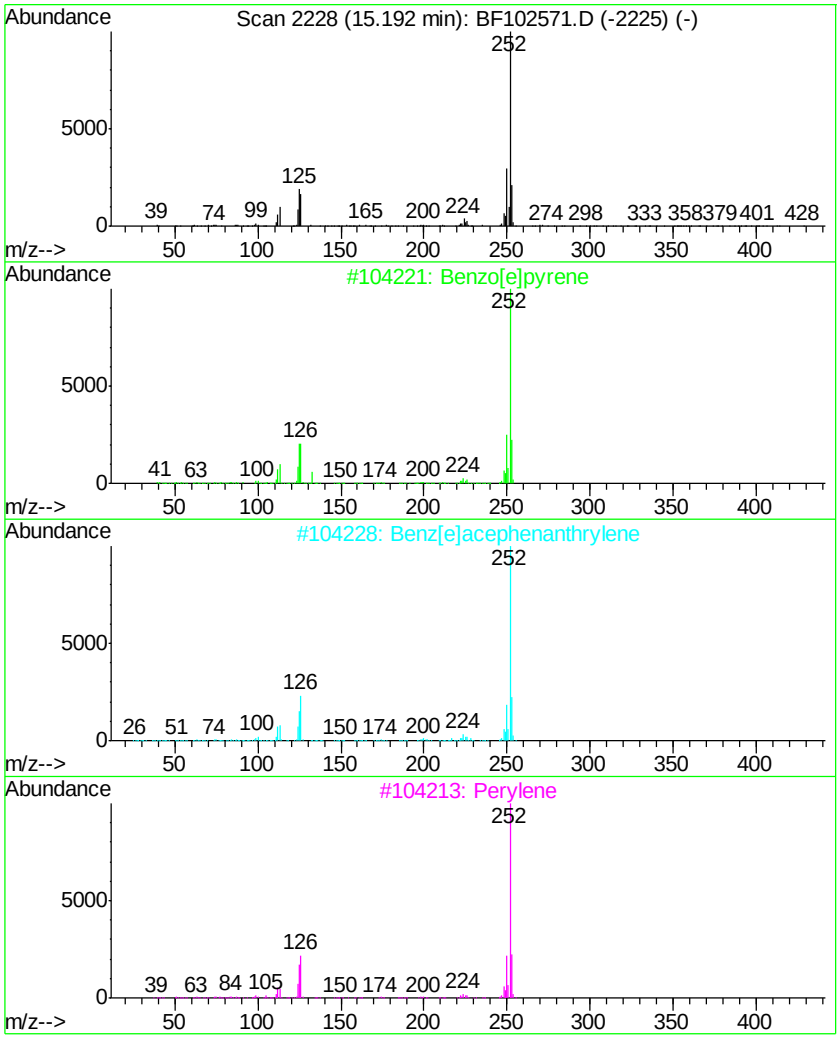
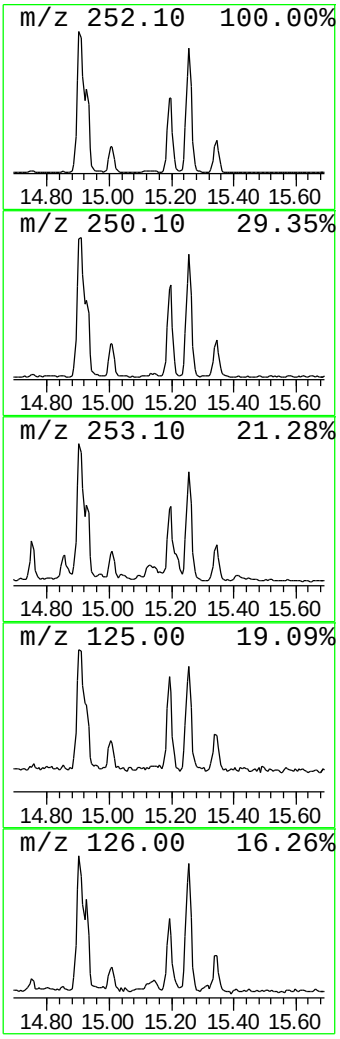
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	15.03 ng	440415	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	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012818\
Data File : BF102571.D
Acq On : 28 Jan 2018 21:31
Operator : SJ/JU
Sample : J1253-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07(5-15)

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	79.8	ng	3974650	1	6.72	996606	20.0
Pentadecane	9.67	3.0	ng	192301	3	9.75	1272530	20.0
Tridecane	10.65	7.3	ng	335763	4	11.23	926640	20.0
unknown11.09	11.09	4.8	ng	221629	4	11.23	926640	20.0
Dibenzothiophene	11.13	4.0	ng	184085	4	11.23	926640	20.0
Phenanthrene, 2-m...	11.73	8.1	ng	374683	4	11.23	926640	20.0
Anthracene, 9-met...	11.81	3.6	ng	165870	4	11.23	926640	20.0
Phenanthrene, 1-m...	11.85	13.7	ng	636289	4	11.23	926640	20.0
Phenanthrene, 4-m...	11.87	4.6	ng	212235	4	11.23	926640	20.0
9,10-Bis(bromomet...	12.03	4.7	ng	219180	4	11.23	926640	20.0
9,10-Anthracenedione	12.06	3.2	ng	147851	4	11.23	926640	20.0
Phenanthrene, 2,5...	12.29	7.1	ng	330515	4	11.23	926640	20.0
unknown12.32	12.32	5.5	ng	252303	4	11.23	926640	20.0
Spiro[cyclopropan...	12.38	4.5	ng	208742	4	11.23	926640	20.0
11H-Benzo[a]fluorene	13.01	4.8	ng	552457	5	13.88	2285330	20.0
1-Tricosene	13.71	4.6	ng	530510	5	13.88	2285330	20.0
Benzo[e]pyrene	15.19	15.0	ng	440415	6	15.32	586136	20.0