LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	564	572	576	rBV	2276957	2233177	39.00%	2.679%
2	6.463	740	744	752	rVB	2404107	2153880	37.61%	2.584%
3	6.839	805	808	812	rBV	1590435	1299678	22.70%	1.559%
4	6.998	831	835	838	rBV	2407293	1963644	34.29%	2.355%
5	7.239	871	876	880	rBV	50983	58347	1.02%	0.070%
6	7.398	896	903	906	rBV	1633123	1460669	25.51%	1.752%
7	8.122	1022	1026	1029	rBV	1874119	1743702	30.45%	2.092%
8	8.145	1029	1030	1034	rVB	507271	282033	4.93%	0.338%
9	8.833	1144	1147	1150	rVB	248877	217781	3.80%	0.261%
10	8.933	1161	1164	1168	rVB	235980	192765	3.37%	0.231%
11	9.198	1205	1209	1212	rBV	3519510	2752888	48.07%	3.302%
12	9.298	1220	1226	1229	rBV2	123390	170324	2.97%	0.204%
13	9.398	1240	1243	1247	rVB	69912	79089	1.38%	0.095%
14	9.457	1249	1253	1258	rBV2	142391	223003	3.89%	0.267%
15	9.516	1258	1263	1264	rBV2	94630	91350	1.60%	0.110%
16	9.539	1264	1267	1269	rVV	197679	201218	3.51%	0.241%
17	9.563	1269	1271	1273	rVV	141804	111078	1.94%	0.133%
18	9.592	1273	1276	1281	rVB3	155944	179272	3.13%	0.215%
19	9.657	1284	1287	1291	rVB	88610	102623	1.79%	0.123%
20	9.739	1296	1301	1306	rBV	350073	332072	5.80%	0.398%
21	9.880	1319	1325	1328	rBV	2019799	1844126	32.20%	2.212%
22	9.910	1328	1330	1333	rVB	689865	547264	9.56%	0.656%
23	9.986	1339	1343	1346	rBV	47386	69974	1.22%	0.084%
24	10.033	1346	1351	1355	rVV4	78639	102860	1.80%	0.123%
25	10.080	1356	1359	1363	rVB	483963	402153	7.02%	0.482%
26	10.122	1363	1366	1368	rBV	93944	73479	1.28%	0.088%
27	10.198	1375	1379	1381	rBV2	92165	100114	1.75%	0.120%
28	10.222	1381	1383	1386	rVB2	87828	69901	1.22%	0.084%
29	10.292	1390	1395	1396	rBV3	81167	110170	1.92%	0.132%
30	10.427	1414	1418	1423	rVB	580402	587618	10.26%	0.705%
31	10.492	1423	1429	1431	rBV2	134588	197841	3.45%	0.237%
32	10.510	1431	1432	1435	rVV2	126566	109020	1.90%	0.131%
33	10.539	1435	1437	1439	rVV	116457	105940	1.85%	0.127%
34	10.580	1442	1444	1449	rVB	200830	198177	3.46%	0.238%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
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Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.663	1454	1458	1462	rBV	2033600	1776047	31.01%	2.130%
36	10.792	1476	1480	1487	rVB4	160974	253514	4.43%	0.304%
37	10.975	1504	1511	1514	rBV4	178385	304530	5.32%	0.365%
38	11.004	1514	1516	1519	rVV2	120210	121014	2.11%	0.145%
39	11.057	1523	1525	1528	rVV	93880	83090	1.45%	0.100%
40	11.104	1528	1533	1534	rVV2	127317	157172	2.74%	0.189%
41	11.127	1534	1537	1539	rVV2	152799	181614	3.17%	0.218%
42	11.169	1541	1544	1548	rVB2	175657	176799	3.09%	0.212%
43	11.222	1549	1553	1557	rVV4	156583	301195	5.26%	0.361%
44	11.257	1557	1559	1565	rVB	267556	299017	5.22%	0.359%
45	11.363	1574	1577	1579	rBV	1745679	1627397	28.42%	1.952%
46	11.392	1579	1582	1585	rVV	4050215	3630427	63.40%	4.355%
47	11.439	1585	1590	1593	rVV	1408460	1156281	20.19%	1.387%
48	11.469	1593	1595	1599	rVV2	210457	222883	3.89%	0.267%
49	11.592	1610	1616	1618	rBV2	416680	493246	8.61%	0.592%
50	11.663	1625	1628	1630	rVB	166131	134455	2.35%	0.161%
51	11.698	1631	1634	1636	rVV2	89312	77052	1.35%	0.092%
52	11.822	1652	1655	1657	rBV2	86916	99745	1.74%	0.120%
53	11.869	1659	1663	1665	rVV	669185	686632	11.99%	0.824%
54	11.892	1665	1667	1672	rVV	1293097	1164950	20.34%	1.397%
55	11.939	1672	1675	1678	rVV	450315	443263	7.74%	0.532%
56	11.980	1678	1682	1684	rVV2	1156890	1265715	22.10%	1.518%
57	11.998	1684	1685	1690	rVB	471865	394267	6.89%	0.473%
58	12.069	1695	1697	1700	rVV2	128473	113272	1.98%	0.136%
59	12.163	1709	1713	1715	rBV	457915	473503	8.27%	0.568%
60	12.180	1715	1716	1719	rVB	240162	164508	2.87%	0.197%
61	12.316	1733	1739	1741	rBV3	297411	394961	6.90%	0.474%
62	12.345	1741	1744	1746	rBV	159936	150748	2.63%	0.181%
63	12.416	1753	1756	1759	rBV	453308	455676	7.96%	0.547%
64	12.457	1760	1763	1768	rVV3	318123	448912	7.84%	0.538%
65	12.498	1768	1770	1776	rVB3	335507	405168	7.08%	0.486%
66	12.580	1780	1784	1788	rBV	5277213	4989399	87.13%	5.985%
67	12.621	1789	1791	1793	rVV	223973	210334	3.67%	0.252%
68	12.674	1797	1800	1803	rBV2	276488	293459	5.12%	0.352%
69	12.810	1817	1823	1826	rBV2	4921207	5726421	100.00%	6.869%
70	12.857	1829	1831	1836	rVB2	258045	339414	5.93%	0.407%
71	12.927	1840	1843	1844	rBV	368956	358427	6.26%	0.430%

LSC Area Percent Report

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Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.951	1844	1847	1855	rVB	3086045	3151752	55.04%	3.780%
73	13.027	1855	1860	1863	rBV2	497937	805206	14.06%	0.966%
74	13.110	1872	1874	1875	rBV	259284	220732	3.85%	0.265%
75	13.133	1876	1878	1881	rVB	1045335	1008511	17.61%	1.210%
76	13.204	1887	1890	1892	rVB	695077	587175	10.25%	0.704%
77	13.239	1892	1896	1899	rBV2	765272	818800	14.30%	0.982%
78	13.333	1909	1912	1914	rVB	451781	398979	6.97%	0.479%
79	13.363	1914	1917	1921	rBV	479287	460210	8.04%	0.552%
80	13.639	1962	1964	1969	rVB	334158	445474	7.78%	0.534%
81	13.786	1986	1989	1990	rBV	348878	293004	5.12%	0.351%
82	13.810	1990	1993	1997	rVV2	405032	528381	9.23%	0.634%
83	13.851	1997	2000	2006	rVB3	605058	708231	12.37%	0.850%
84	14.004	2022	2026	2029	rBV3	3395981	4833589	84.41%	5.798%
85	14.033	2029	2031	2038	rVB	2703027	2552227	44.57%	3.061%
86	14.115	2043	2045	2049	rVB	387766	300829	5.25%	0.361%
87	14.392	2090	2092	2095	rVB	603746	551481	9.63%	0.661%
88	15.051	2200	2204	2211	rVB	2373695	4725233	82.52%	5.668%
89	15.157	2219	2222	2225	rVB	551401	603615	10.54%	0.724%
90	15.351	2251	2255	2261	rVB	1534168	2097719	36.63%	2.516%
91	15.415	2262	2266	2272	rVV	2172570	2721344	47.52%	3.264%
92	15.474	2272	2276	2279	rVV	1450515	1933858	33.77%	2.320%
93	15.504	2279	2281	2288	rVB2	813833	1081813	18.89%	1.298%
94	16.933	2520	2524	2532	rVB2	734339	1339066	23.38%	1.606%
95	17.374	2596	2599	2610	rVB	607788	1260003	22.00%	1.511%

Sum of corrected areas: 83368969

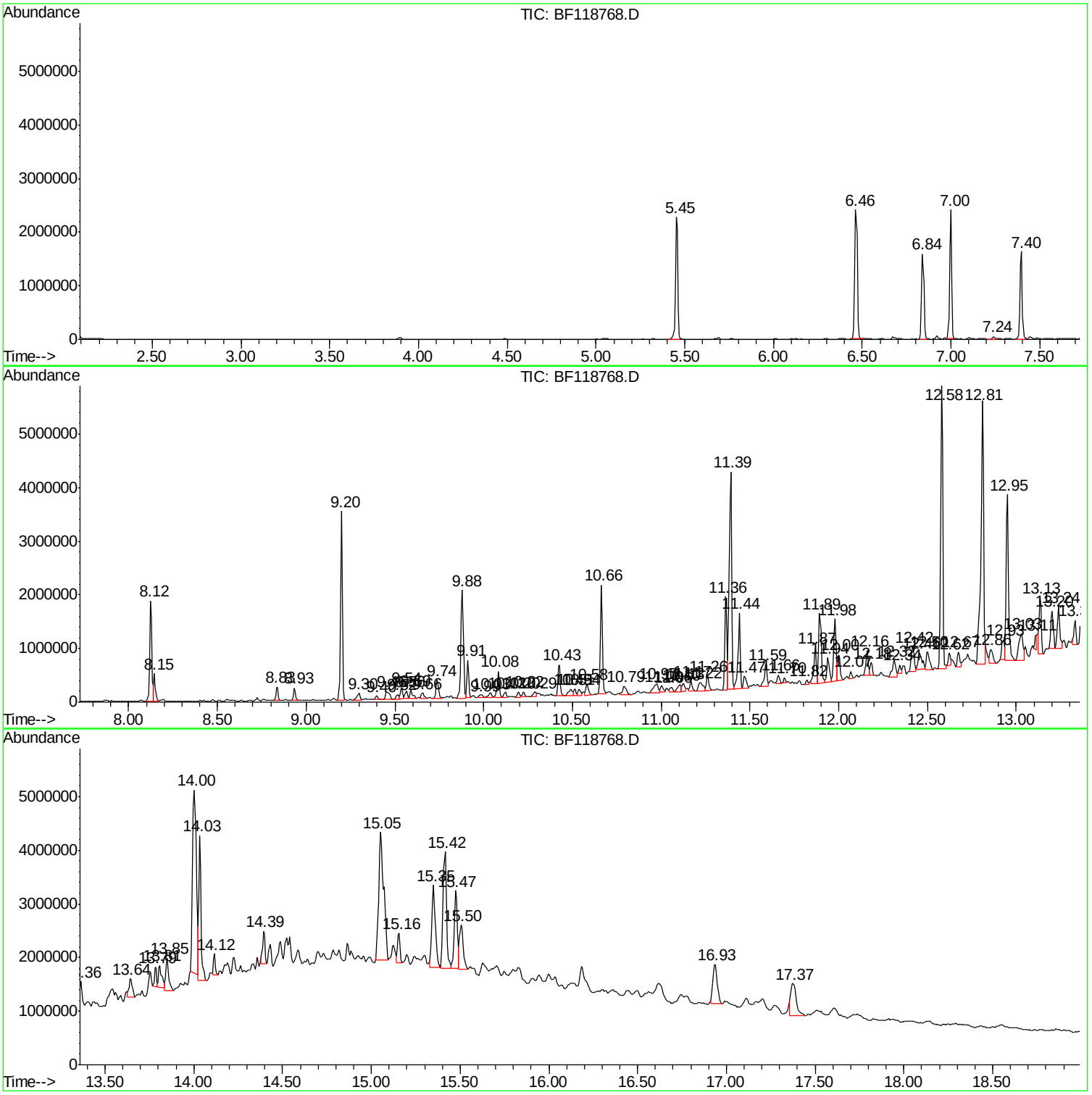
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

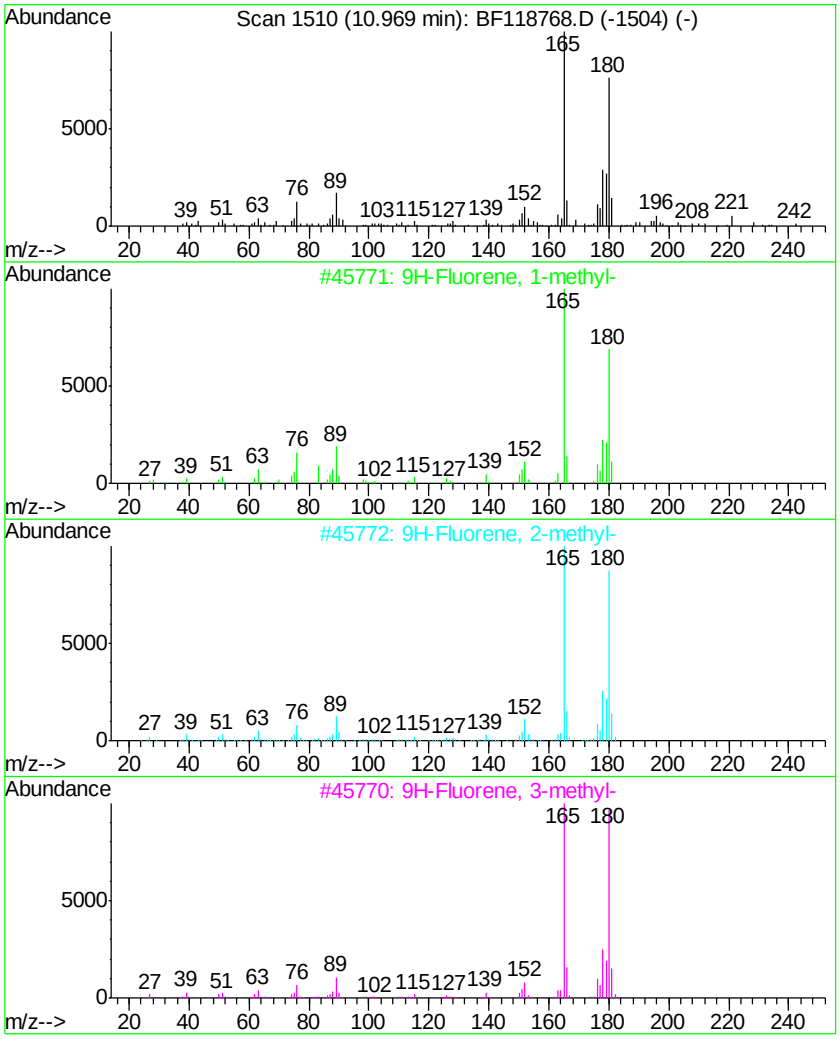
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

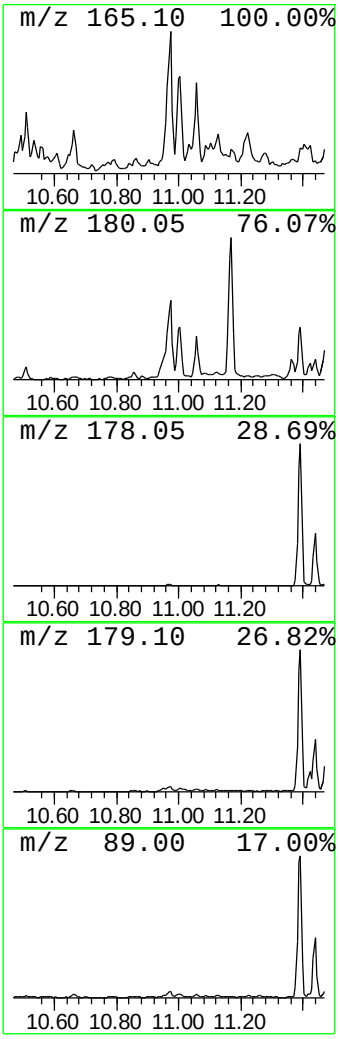
****

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.74 ng	304530	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

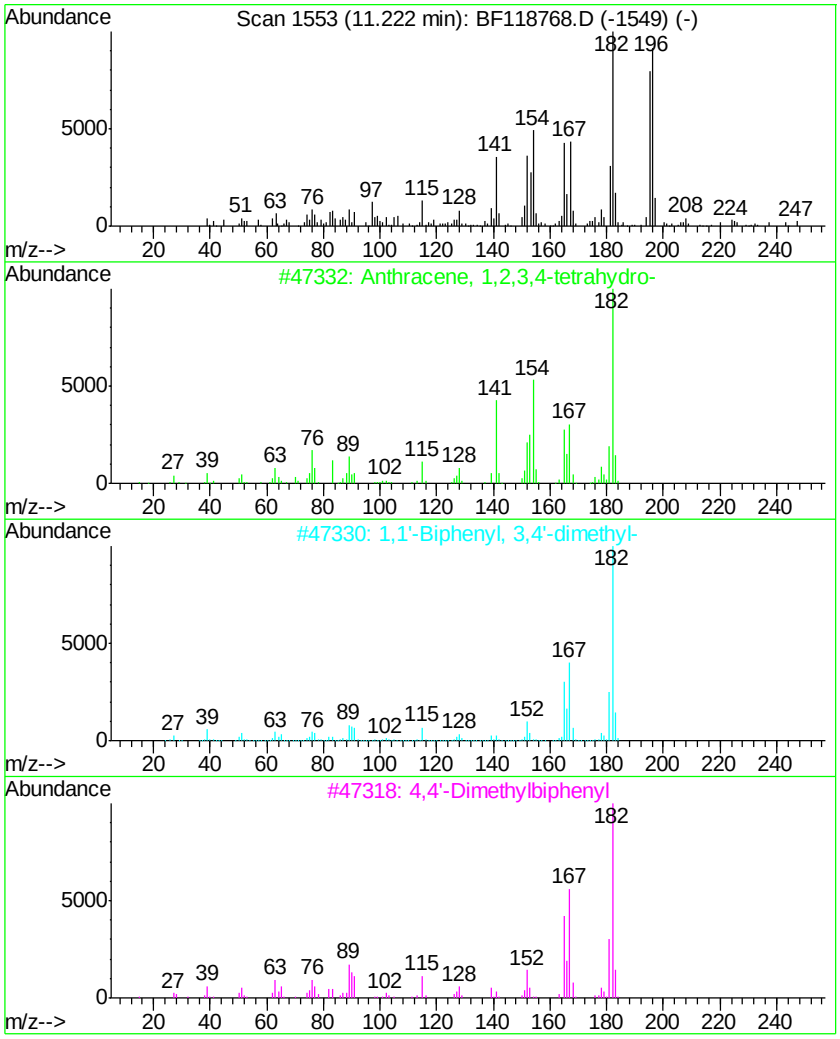
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

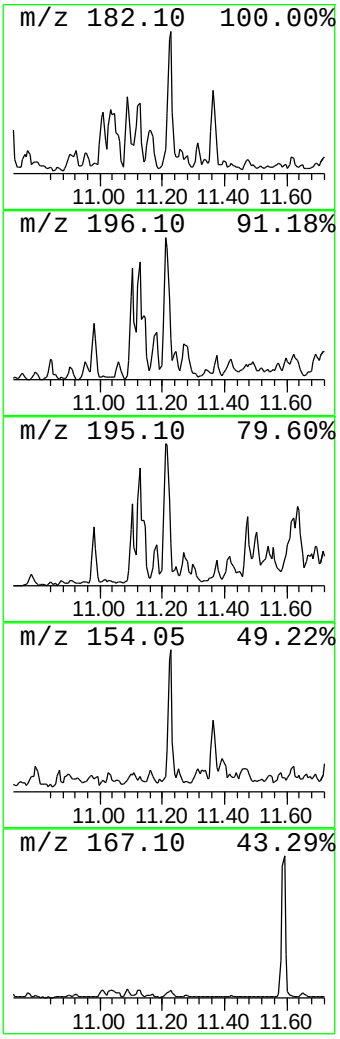
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.70 ng	301195	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	64
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	62
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	38
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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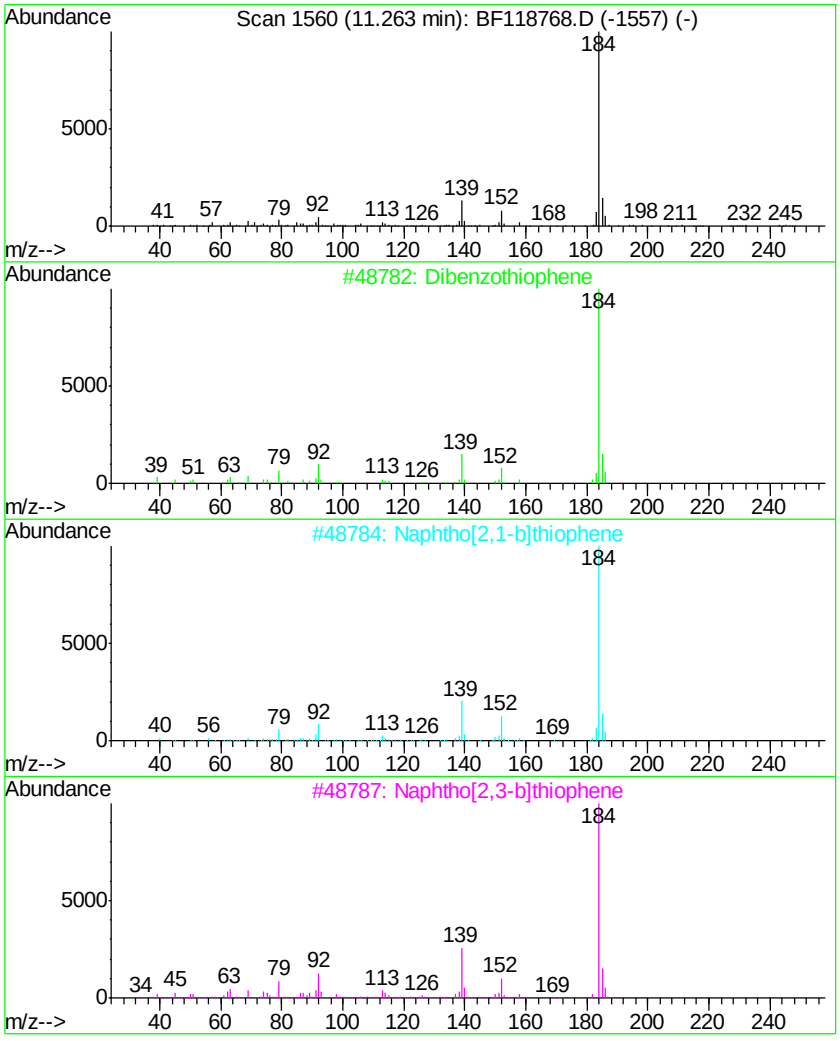
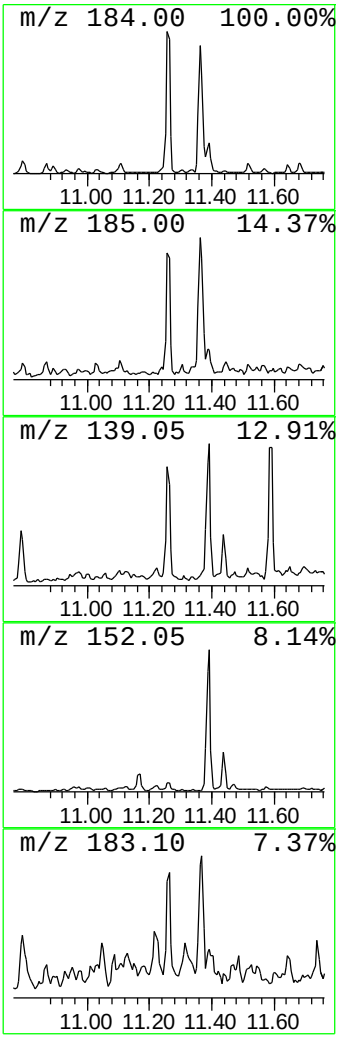
Peak Number 4 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.67 ng	299017	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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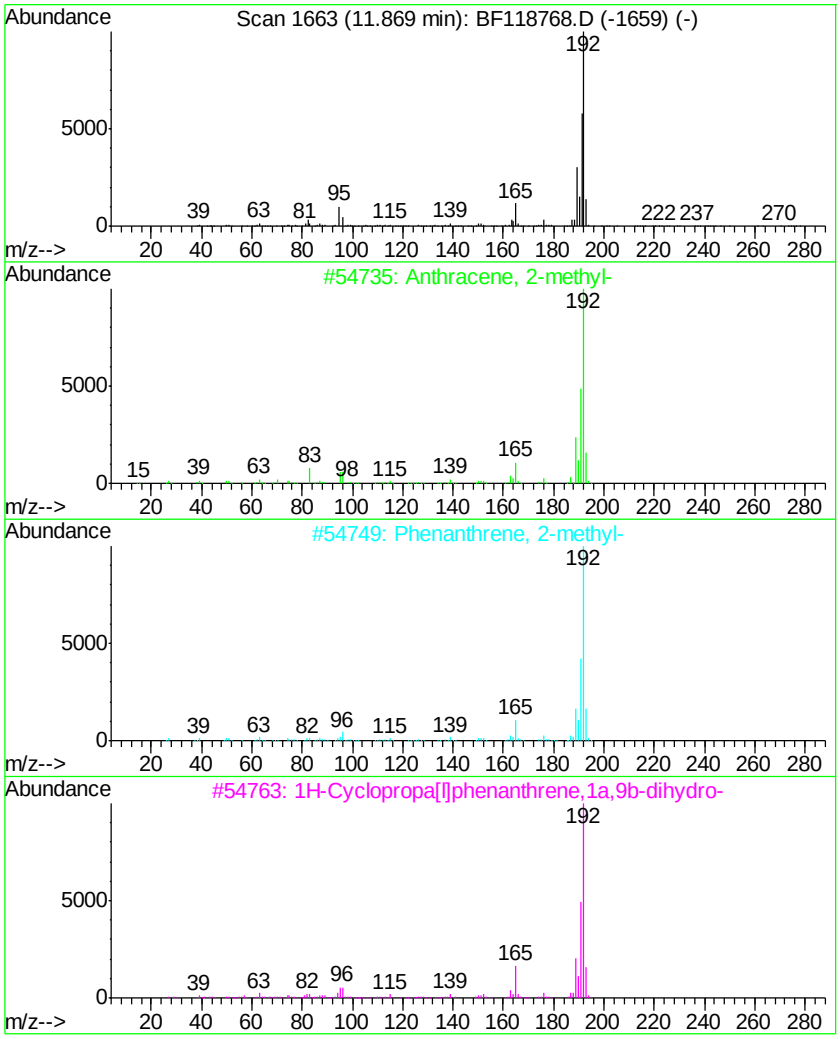
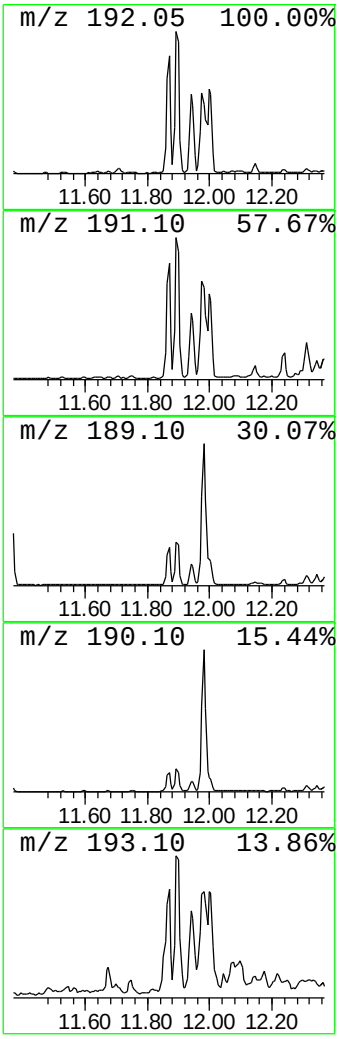
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	8.44 ng	686632	Phenanthrene-d10	11.36

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

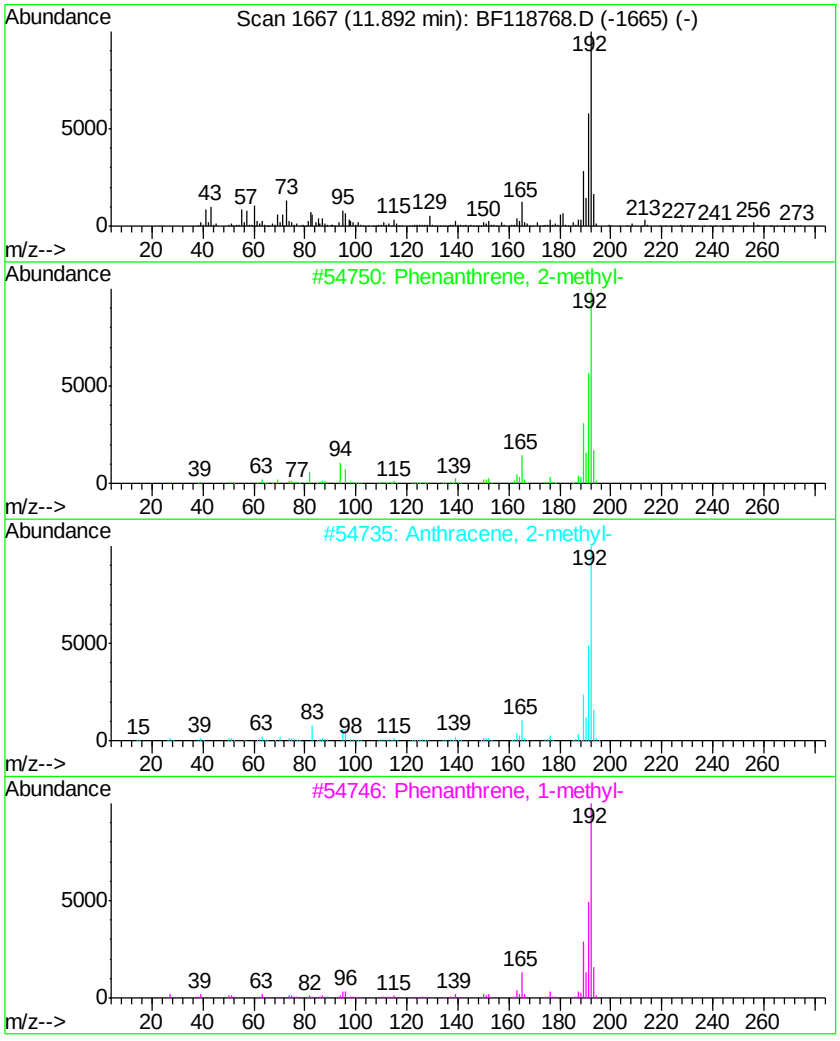
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

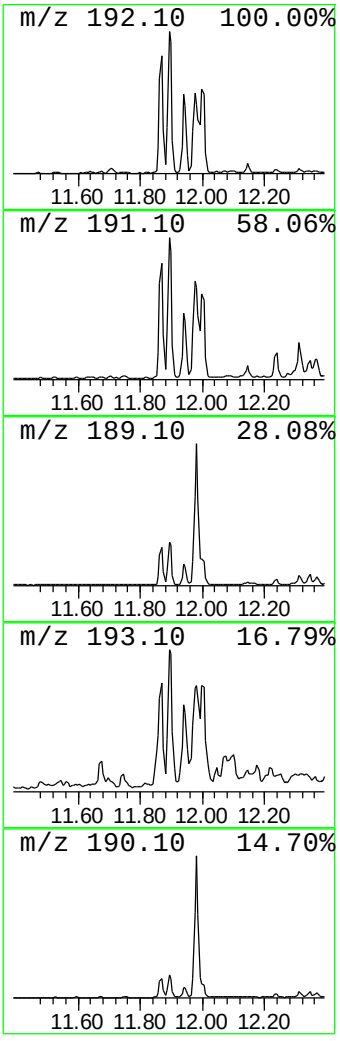
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	14.32 ng	1164950	Phenanthrene-d10	11.36

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Sample : L1307-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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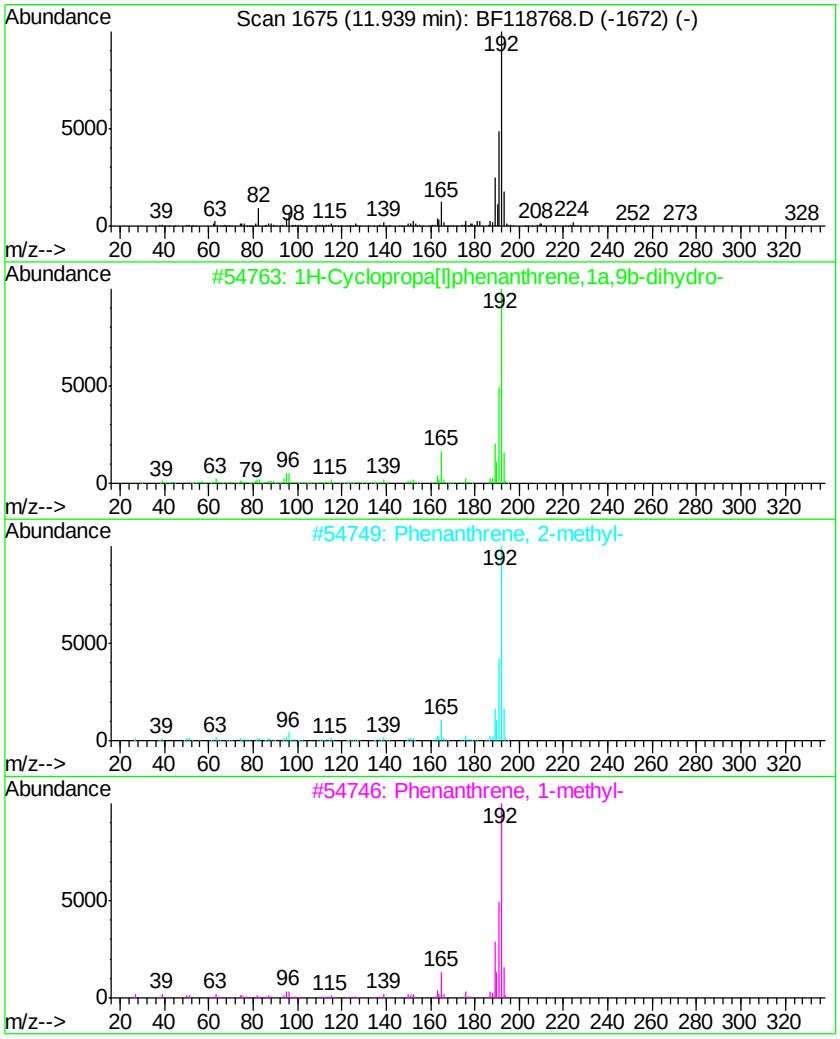
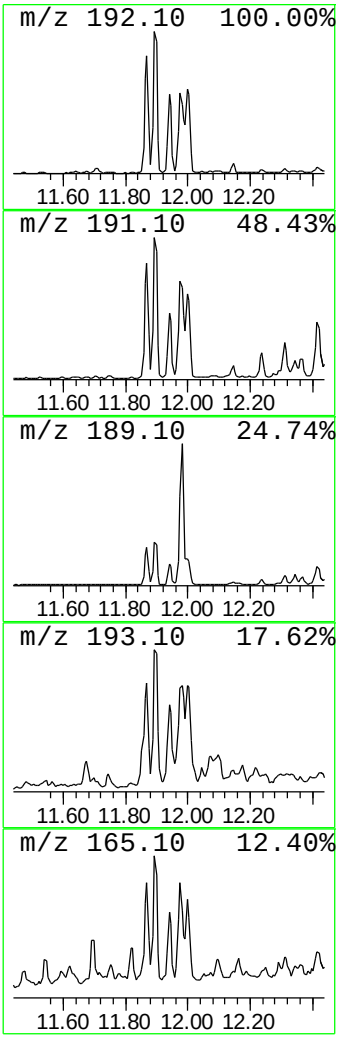
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.45 ng	443263	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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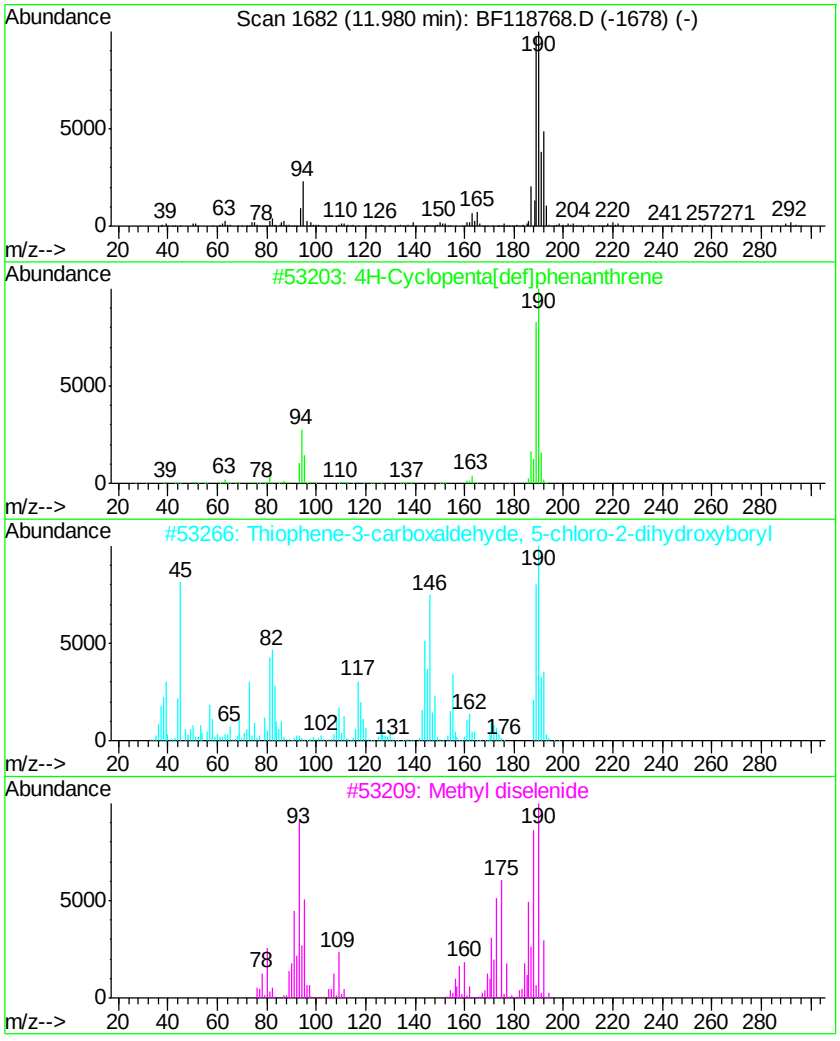
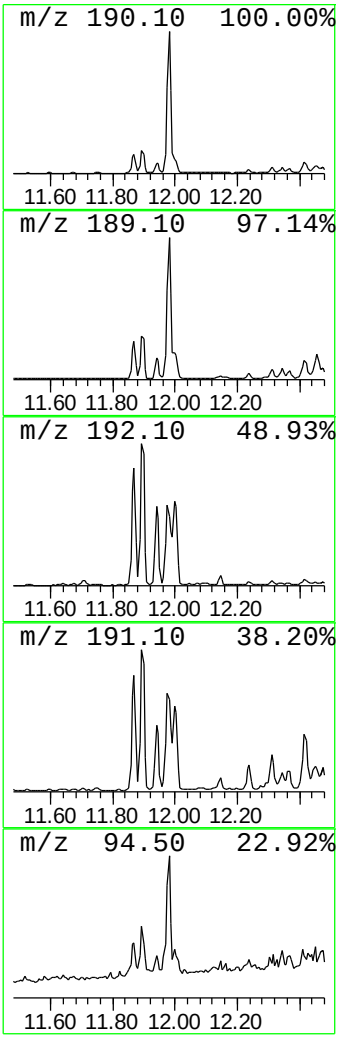
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	15.56 ng	1265720	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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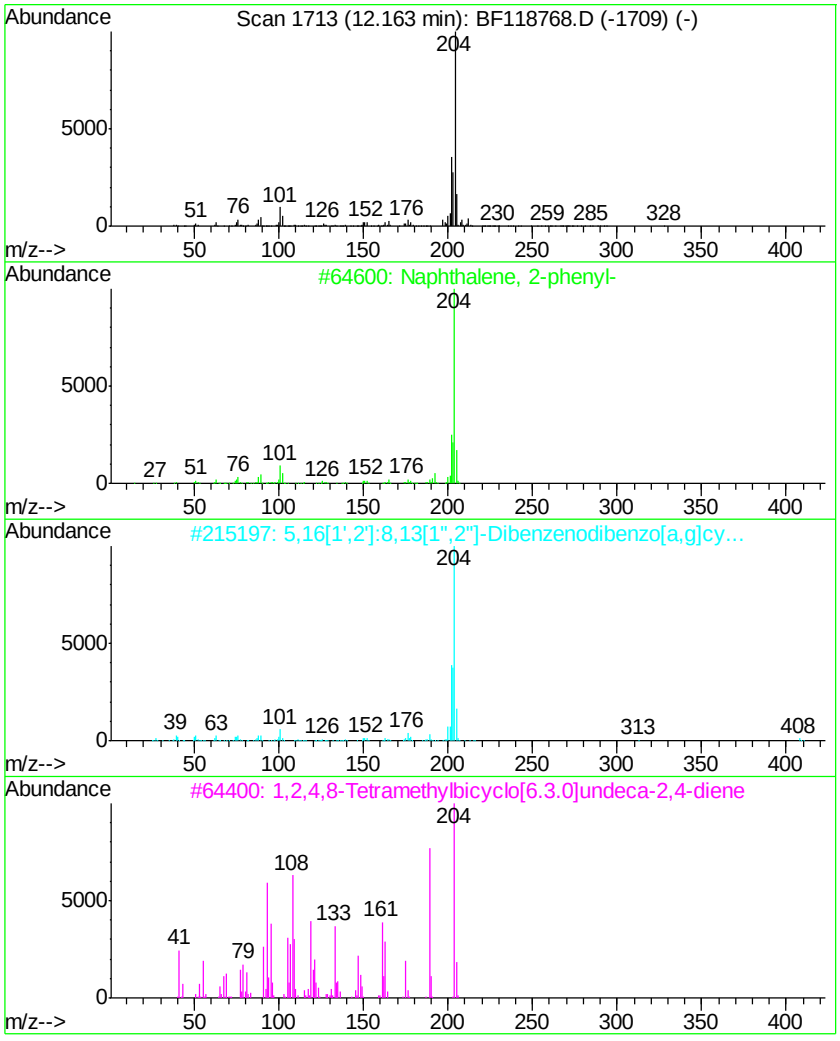
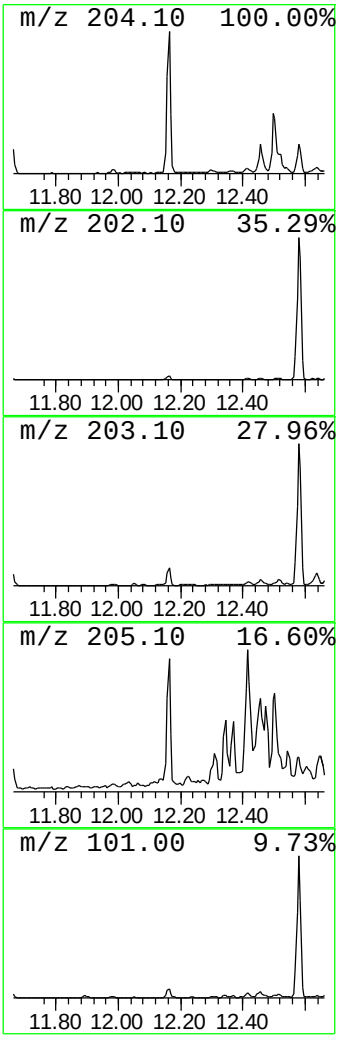
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	5.82 ng	473503	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Levamisole	204	C11H12N2S	014769-73-4	52





Library Search Compound Report

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ClientSampleId : SP-SOUTH-SIDE

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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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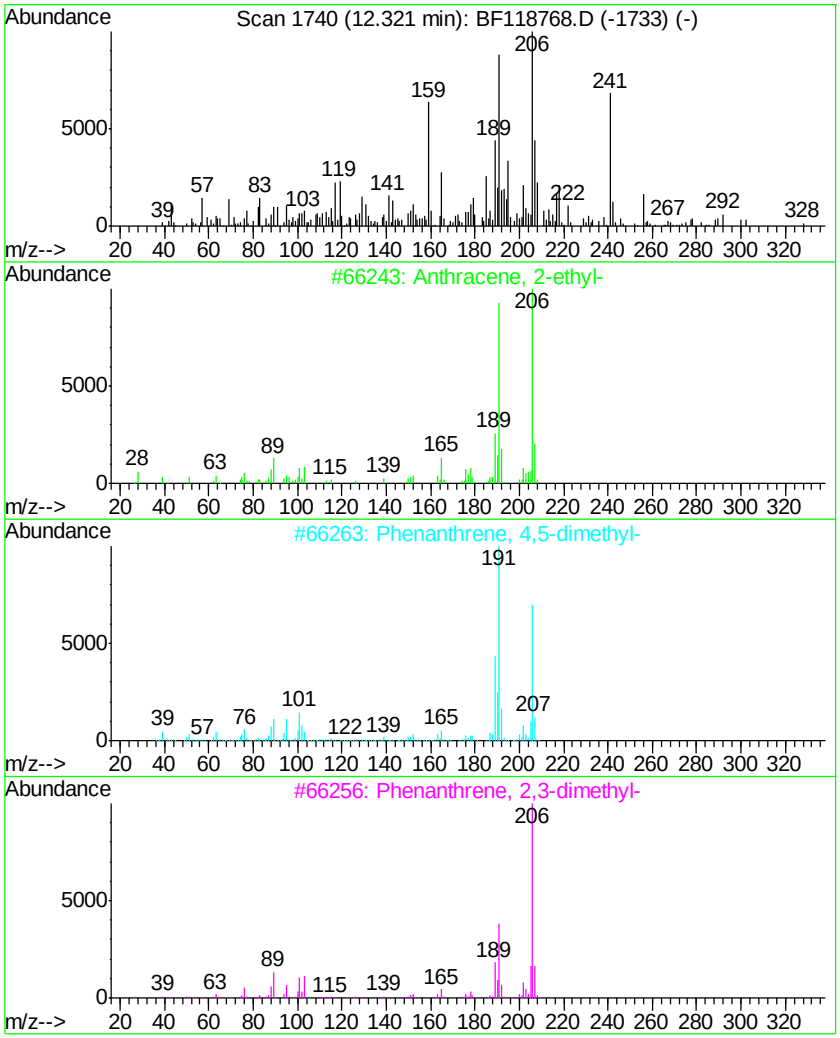
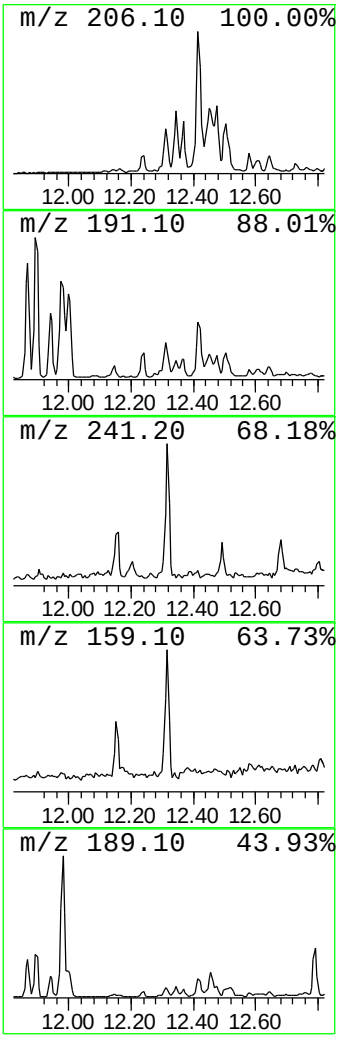
Peak Number 11 Anthracene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.85 ng	394961	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





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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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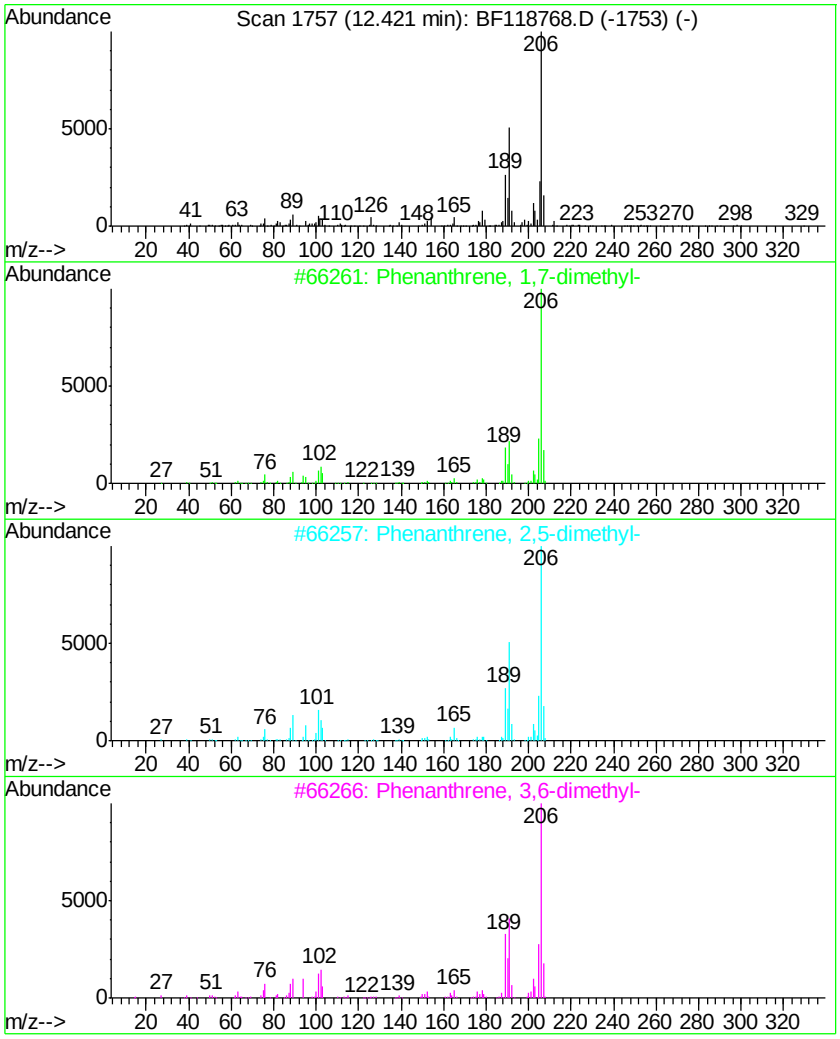
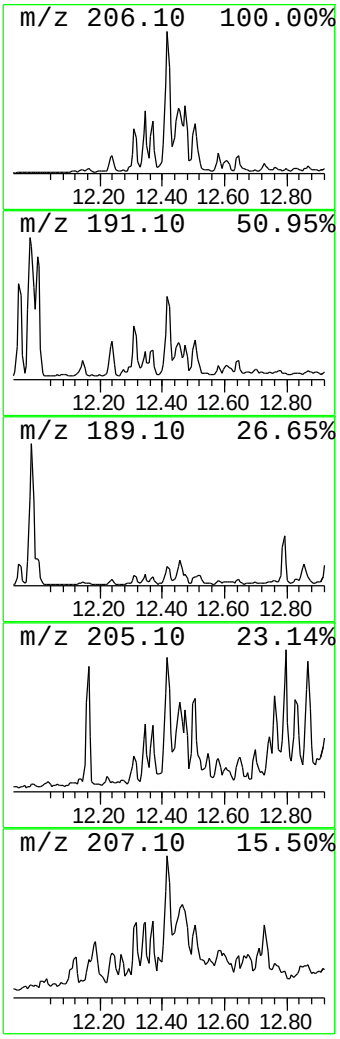
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.60 ng	455676	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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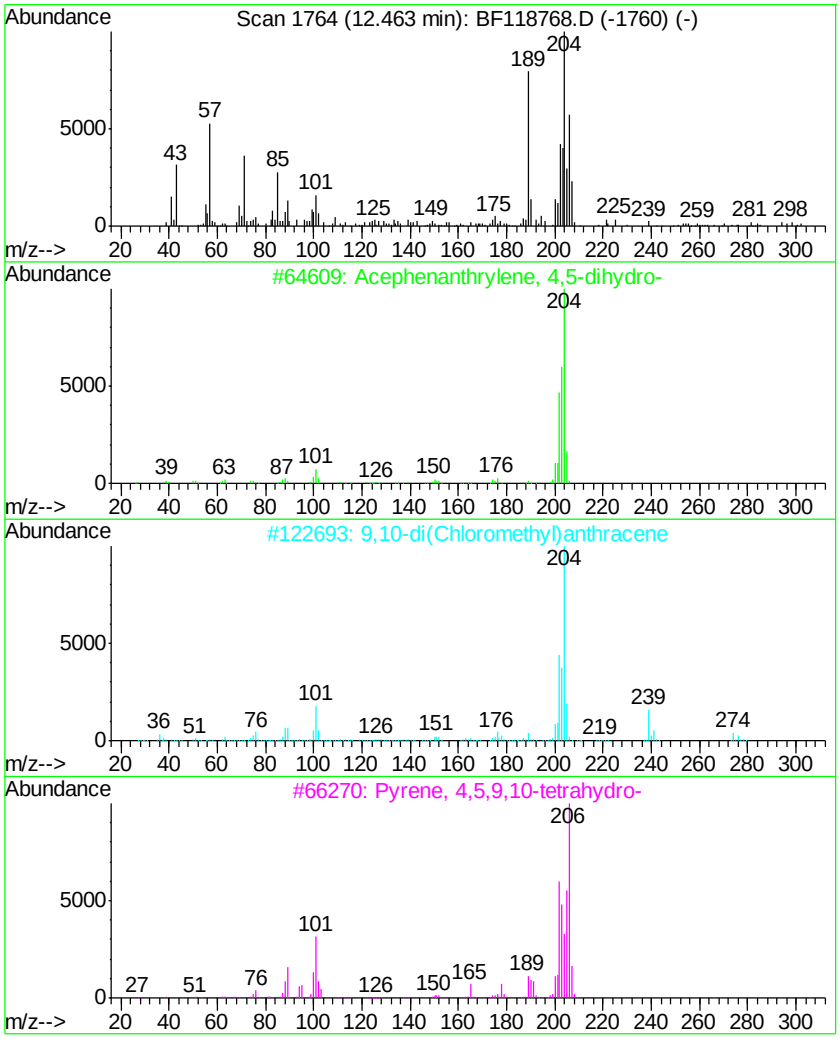
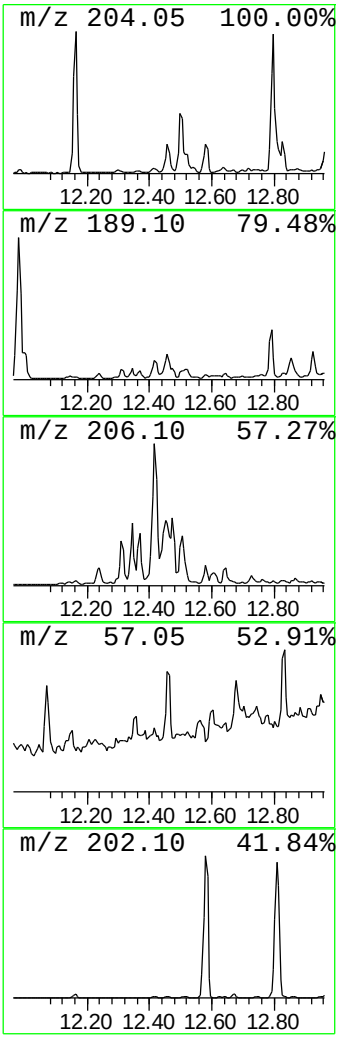
Peak Number 13 unknown12.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.52 ng	448912	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	30
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30





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Sample : L1307-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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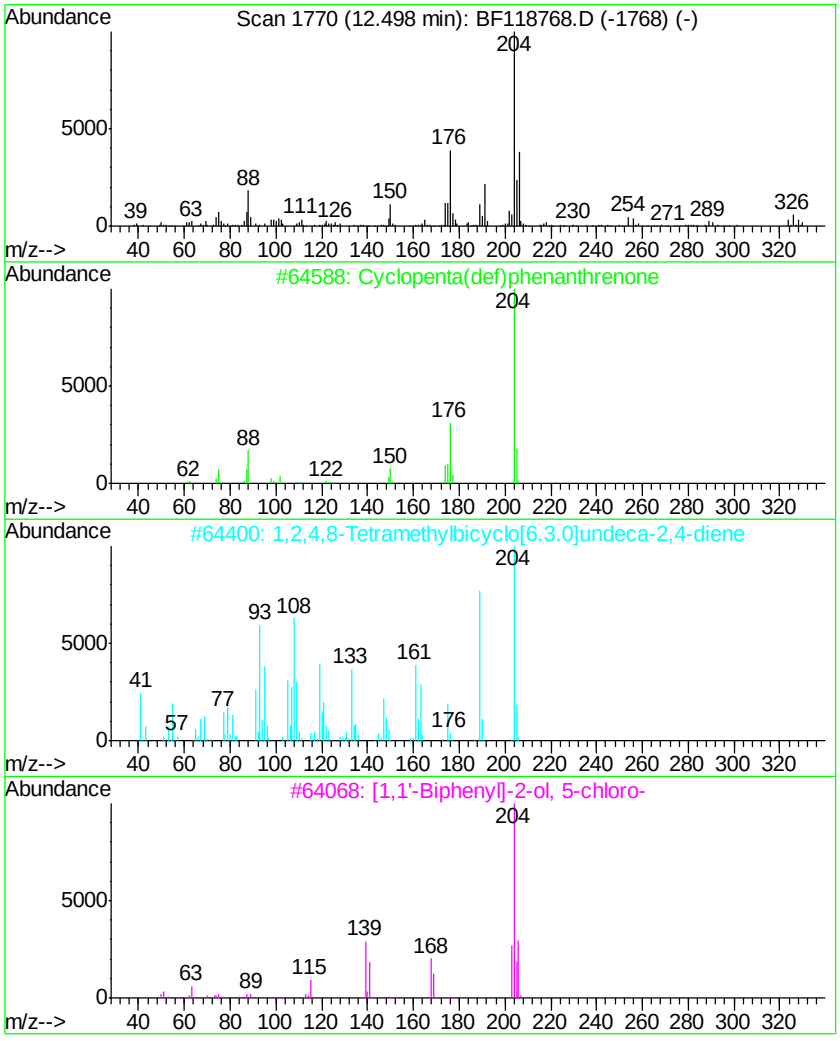
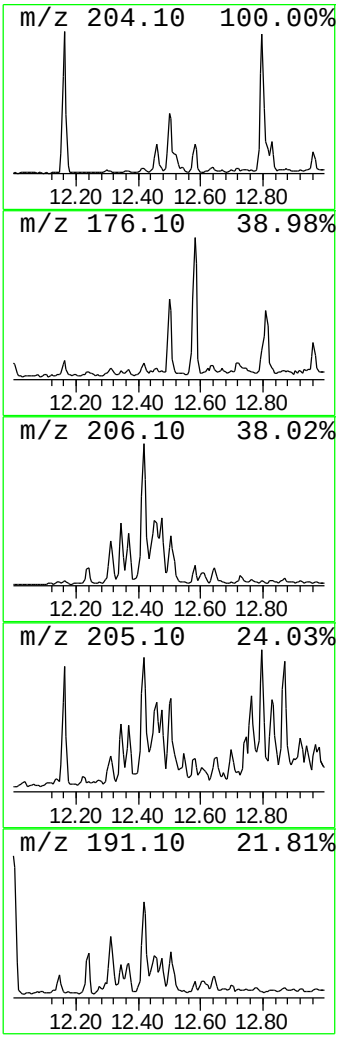
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.98 ng	405168	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	38
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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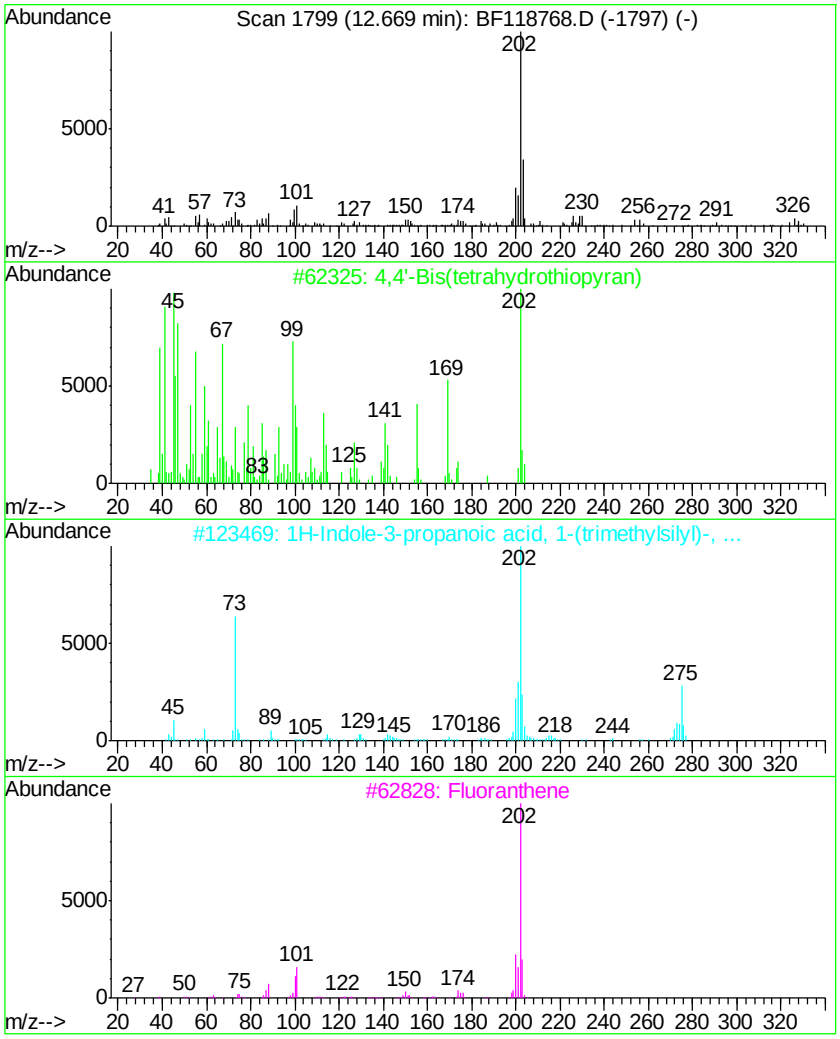
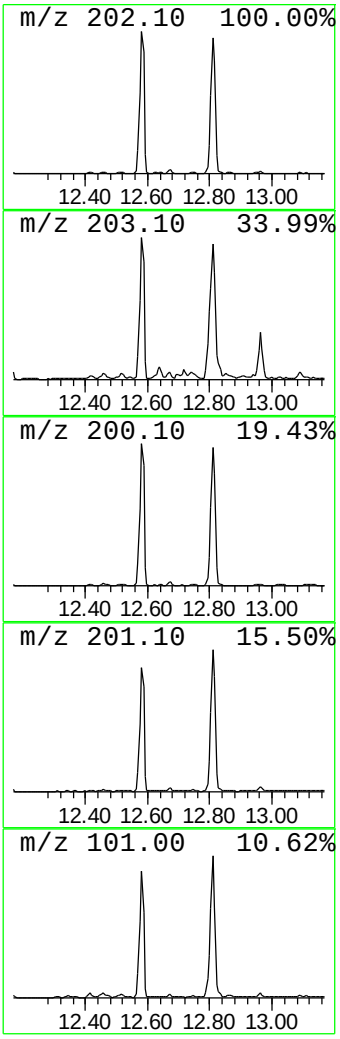
Peak Number 15 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.61 ng	293459	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	94
2	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	64
3	Fluoranthene	202	C16H10	000206-44-0	55
4	Pyrene	202	C16H10	000129-00-0	49
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	46





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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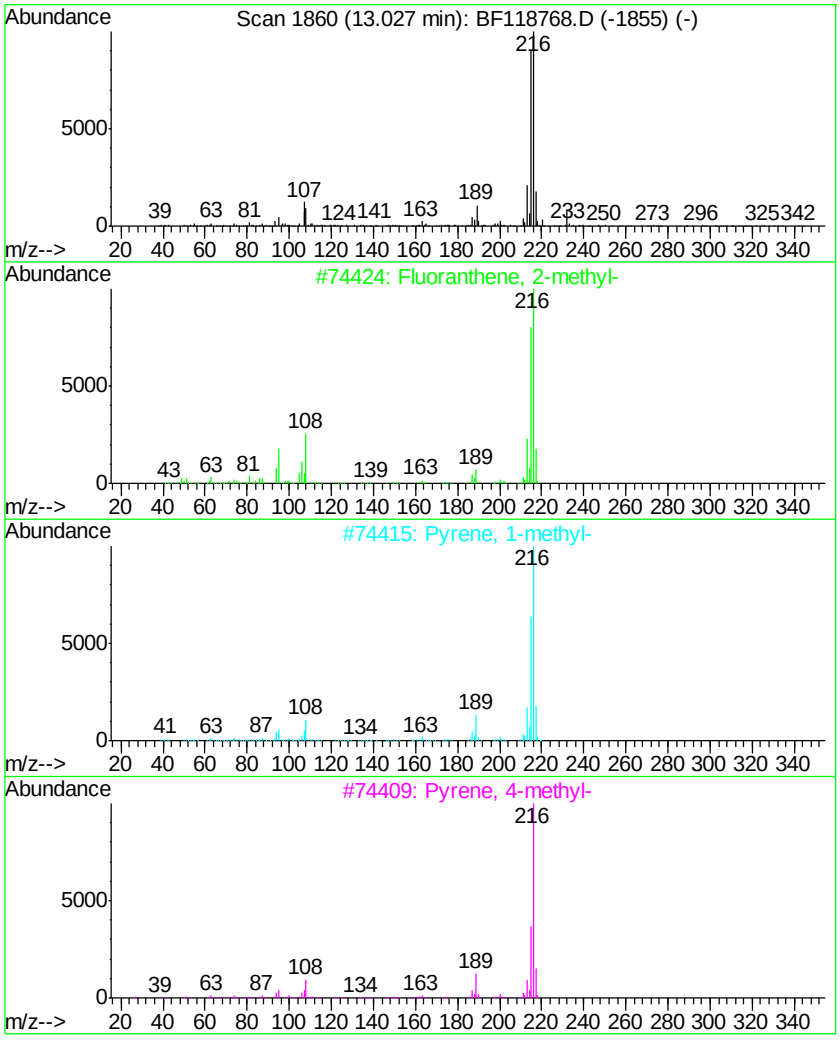
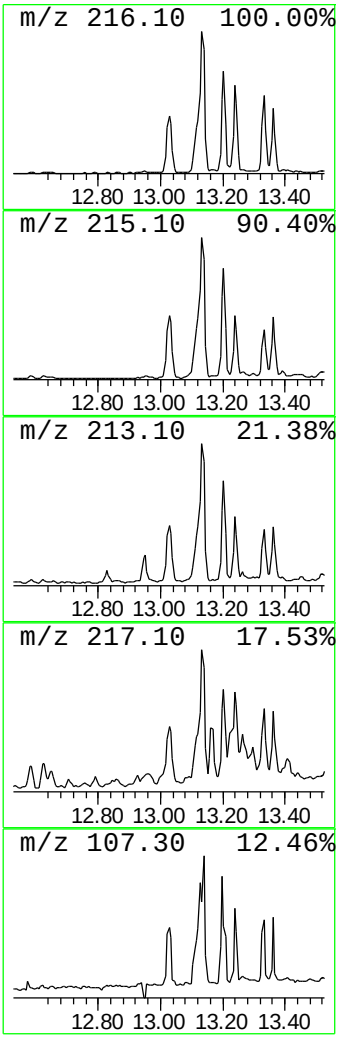
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.33 ng	805206	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

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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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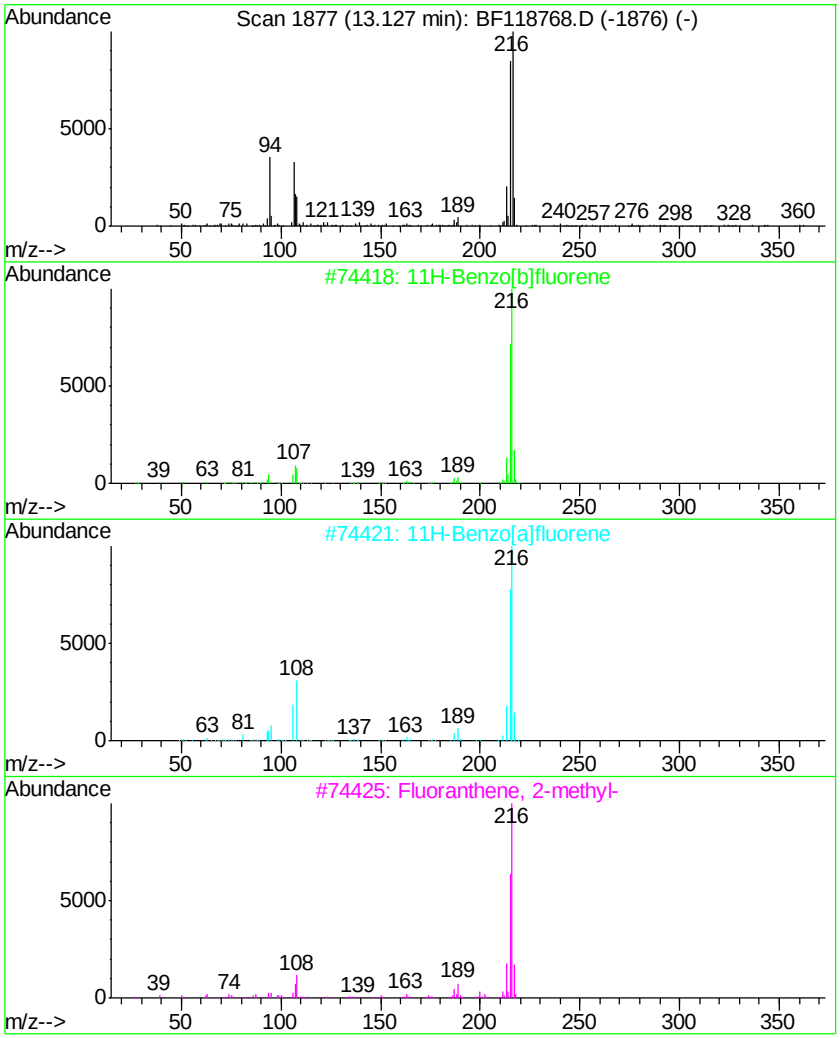
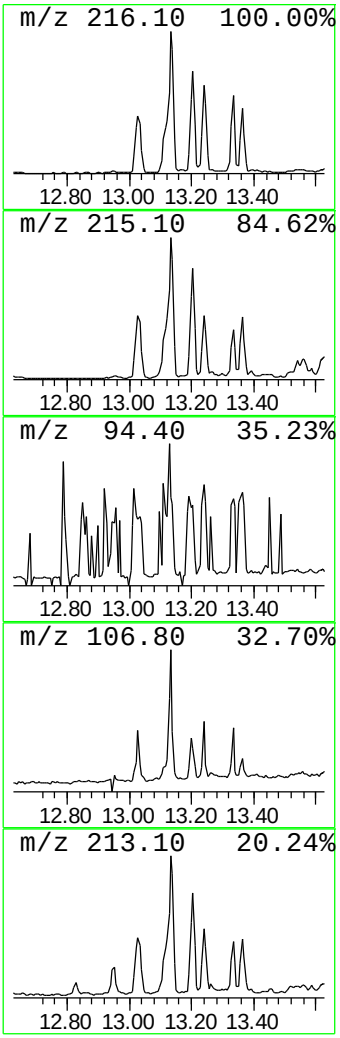
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.17 ng	1008510	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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ClientSampleId : SP-SOUTH-SIDE

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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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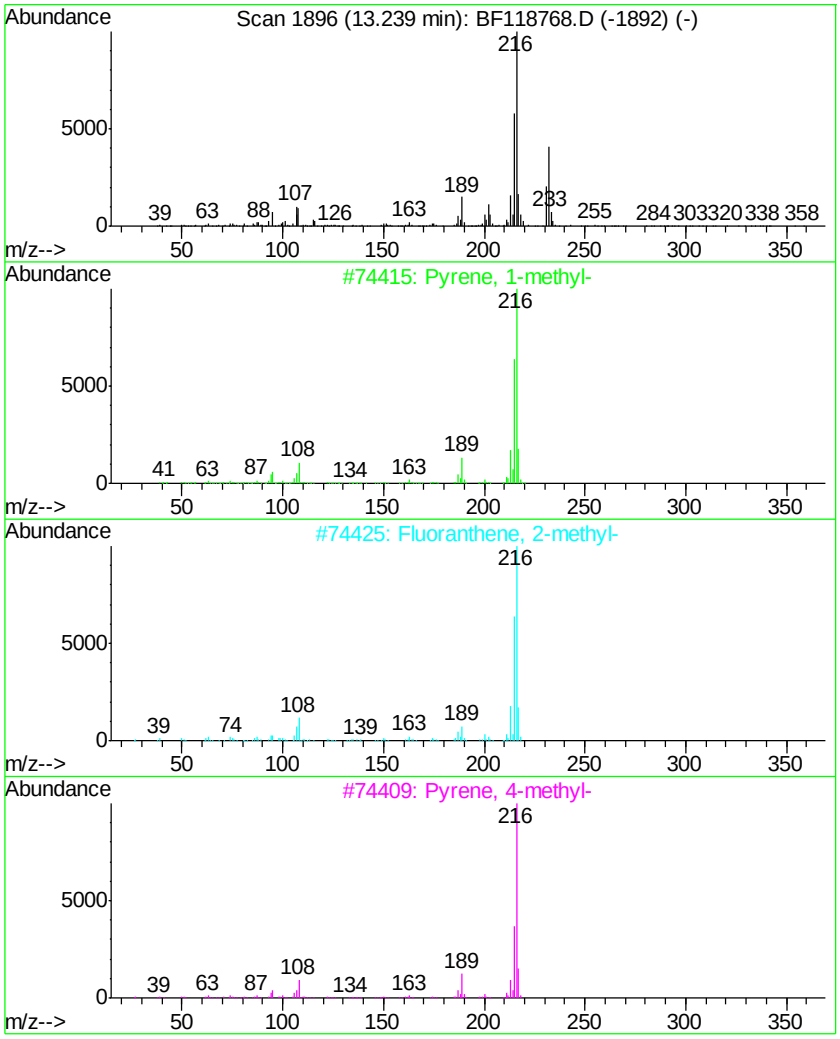
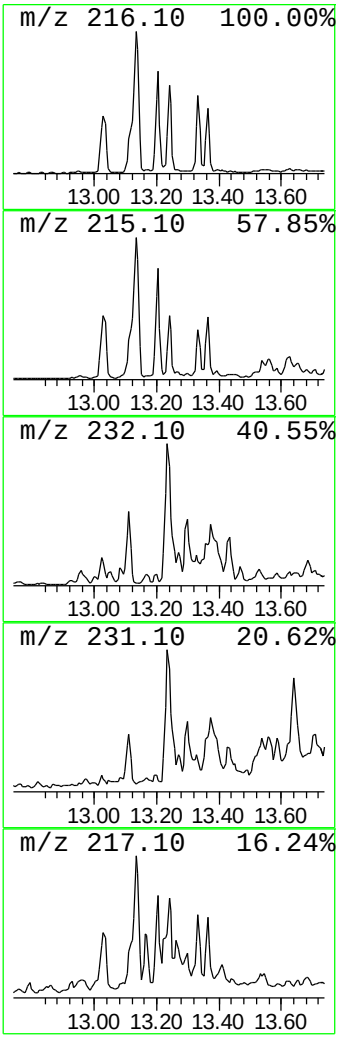
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.39 ng	818800	Chrysene-d12	14.01

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	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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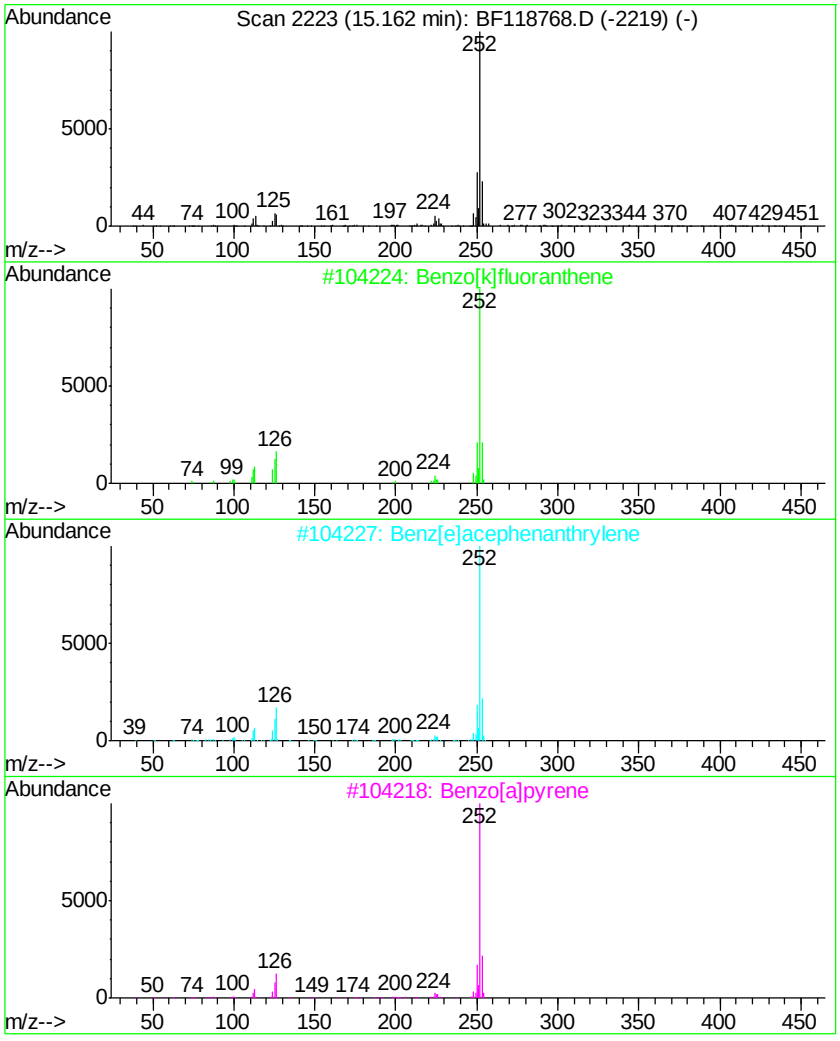
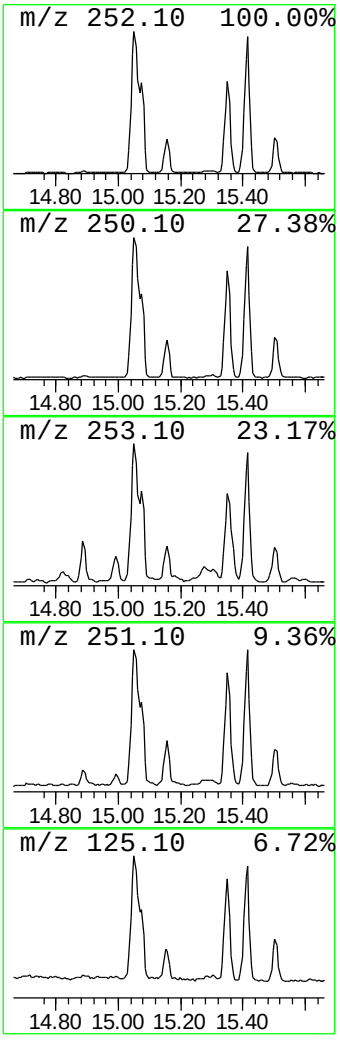
Peak Number 19 Benz[e]acephenanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	6.24 ng	603615	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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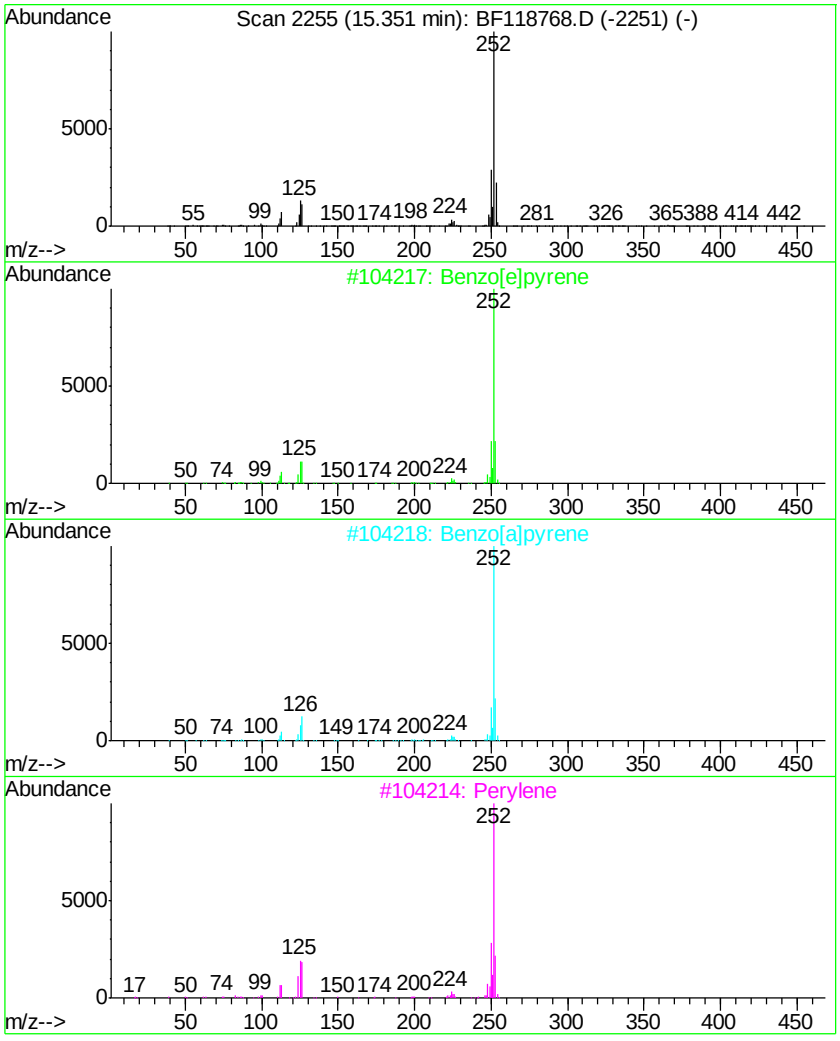
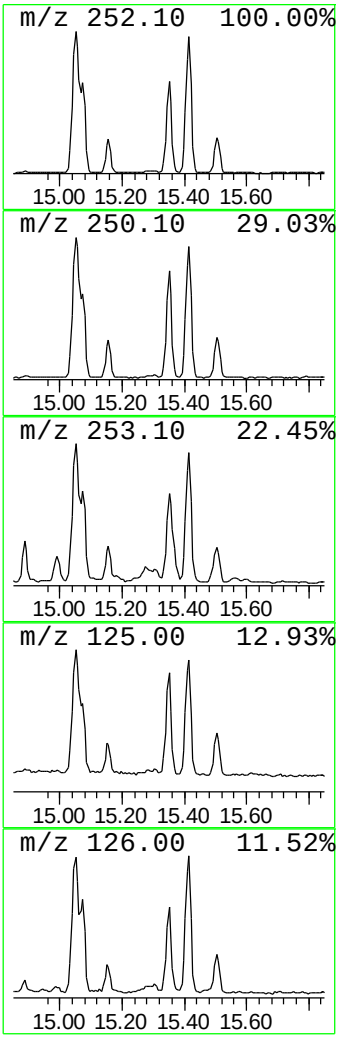
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	21.69 ng	2097720	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013020\
Data File : BF118768.D
Acq On : 30 Jan 2020 22:58
Operator : CG/JU
Sample : L1307-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SOUTH-SIDE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
9H-Fluorene, 1-me...	10.97	3.7	ng	304530	4	11.36	1627400	20.0
Anthracene, 1,2,3...	11.22	3.7	ng	301195	4	11.36	1627400	20.0
Dibenzothiophene	11.26	3.7	ng	299017	4	11.36	1627400	20.0
Anthracene, 2-met...	11.87	8.4	ng	686632	4	11.36	1627400	20.0
Phenanthrene, 2-m...	11.89	14.3	ng	1164950	4	11.36	1627400	20.0
1H-Cyclopropa[l]p...	11.94	5.5	ng	443263	4	11.36	1627400	20.0
4H-Cyclopenta[def...	11.98	15.6	ng	1265720	4	11.36	1627400	20.0
Naphthalene, 2-ph...	12.16	5.8	ng	473503	4	11.36	1627400	20.0
Anthracene, 2-ethyl-	12.32	4.8	ng	394961	4	11.36	1627400	20.0
Phenanthrene, 1,7...	12.42	5.6	ng	455676	4	11.36	1627400	20.0
unknown12.46	12.46	5.5	ng	448912	4	11.36	1627400	20.0
Cyclopenta(def)ph...	12.50	5.0	ng	405168	4	11.36	1627400	20.0
4,4'-Bis(tetrahyd...	12.67	3.6	ng	293459	4	11.36	1627400	20.0
Fluoranthene, 2-m...	13.03	3.3	ng	805206	5	14.01	4833590	20.0
11H-Benzo[b]fluorene	13.13	4.2	ng	1008510	5	14.01	4833590	20.0
Pyrene, 1-methyl-	13.24	3.4	ng	818800	5	14.01	4833590	20.0
Benz[e]acephenant...	15.16	6.2	ng	603615	6	15.47	1933860	20.0
Benzo[e]pyrene	15.35	21.7	ng	2097720	6	15.47	1933860	20.0