LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113184.D
Acq On : 20 Mar 2019 21:26
Operator : JU/SJ
Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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-BF022719.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	5.334	549	552	560	rBV	148027	154961	1.85%	0.181%
2	6.075	674	678	683	rVB	90034	88499	1.06%	0.103%
3	6.369	722	728	734	rBV	180126	227003	2.71%	0.265%
4	6.492	746	749	753	rVB	221090	191958	2.29%	0.224%
5	6.722	785	788	791	rBV	771306	621393	7.43%	0.726%
6	6.881	811	815	823	rVB2	205471	256698	3.07%	0.300%
7	7.281	874	883	887	rBV3	111508	181794	2.17%	0.213%
8	7.375	895	899	903	rBV	606664	540716	6.46%	0.632%
9	7.951	993	997	1001	rBV	299035	257367	3.08%	0.301%
10	8.004	1001	1006	1012	rVV	1018689	946790	11.31%	1.107%
11	8.392	1069	1072	1075	rVB4	86221	89339	1.07%	0.104%
12	8.439	1076	1080	1084	rBV	153254	174783	2.09%	0.204%
13	8.639	1111	1114	1117	rBV	133129	107953	1.29%	0.126%
14	8.822	1141	1145	1148	rBV2	79703	104755	1.25%	0.122%
15	8.886	1154	1156	1159	rVV2	237514	215516	2.58%	0.252%
16	9.039	1179	1182	1184	rVV	202721	166816	1.99%	0.195%
17	9.063	1184	1186	1187	rVV	180979	141565	1.69%	0.166%
18	9.081	1187	1189	1191	rVB	261041	197768	2.36%	0.231%
19	9.145	1196	1200	1202	rBV	340326	299469	3.58%	0.350%
20	9.286	1220	1224	1228	rVB	135581	173841	2.08%	0.203%
21	9.351	1228	1235	1240	rBV3	176719	378710	4.53%	0.443%
22	9.416	1240	1246	1249	rVV4	271020	411238	4.91%	0.481%
23	9.445	1249	1251	1253	rVV	315265	256444	3.06%	0.300%
24	9.492	1254	1259	1261	rVV2	335661	384088	4.59%	0.449%
25	9.516	1261	1263	1265	rVV	166480	152765	1.83%	0.179%
26	9.551	1267	1269	1271	rVB2	175600	133527	1.60%	0.156%
27	9.598	1274	1277	1282	rVV2	517134	537406	6.42%	0.628%
28	9.639	1282	1284	1287	rVV	275562	207098	2.47%	0.242%
29	9.716	1292	1297	1299	rBV4	99390	127071	1.52%	0.149%
30	9.757	1299	1304	1307	rBV2	1198582	1337438	15.98%	1.564%
31	9.786	1307	1309	1314	rVB	458867	416019	4.97%	0.486%
32	9.863	1318	1322	1326	rBV3	532606	554703	6.63%	0.649%
33	9.904	1326	1329	1332	rBV2	228995	370497	4.43%	0.433%
34	9.928	1332	1333	1335	rVV2	240621	201455	2.41%	0.236%

LSC Area Percent Report

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Acq On : 20 Mar 2019 21:26
Operator : JU/SJ
Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.957	1335	1338	1341	rVB2	327815	321134	3.84%	0.375%
36	10.028	1347	1350	1354	rVB3	111809	120176	1.44%	0.140%
37	10.163	1369	1373	1375	rBV	322000	301510	3.60%	0.352%
38	10.245	1383	1387	1393	rVB	841751	735524	8.79%	0.860%
39	10.298	1393	1396	1399	rBV2	409461	394606	4.72%	0.461%
40	10.345	1402	1404	1406	rBV2	147375	146141	1.75%	0.171%
41	10.416	1413	1416	1421	rVV	338745	346031	4.13%	0.405%
42	10.539	1434	1437	1441	rVV3	170320	236677	2.83%	0.277%
43	10.610	1448	1449	1451	rVV2	155300	156464	1.87%	0.183%
44	10.628	1451	1452	1456	rVV	239850	189679	2.27%	0.222%
45	10.680	1457	1461	1466	rVB3	472216	628727	7.51%	0.735%
46	10.786	1474	1479	1482	rBV5	129524	226000	2.70%	0.264%
47	10.839	1486	1488	1493	rVV4	169402	198455	2.37%	0.232%
48	11.022	1513	1519	1522	rBV	874381	1064232	12.72%	1.244%
49	11.051	1522	1524	1527	rVV2	249016	224419	2.68%	0.262%
50	11.086	1527	1530	1532	rVV2	208451	226508	2.71%	0.265%
51	11.110	1532	1534	1537	rVV3	239563	253503	3.03%	0.296%
52	11.145	1537	1540	1543	rVV2	207906	255412	3.05%	0.299%
53	11.198	1543	1549	1553	rVV2	896831	1209477	14.45%	1.414%
54	11.239	1553	1556	1558	rVV	1077393	991127	11.84%	1.159%
55	11.263	1558	1560	1563	rVV	1349234	1073150	12.82%	1.255%
56	11.310	1566	1568	1571	rVB	268516	240978	2.88%	0.282%
57	11.386	1578	1581	1584	rVB3	351529	381770	4.56%	0.446%
58	11.463	1591	1594	1597	rBV3	678139	721841	8.63%	0.844%
59	11.504	1597	1601	1604	rVV4	1037666	1225942	14.65%	1.433%
60	11.539	1604	1607	1609	rVV	911239	811144	9.69%	0.948%
61	11.574	1609	1613	1616	rVV3	356497	539547	6.45%	0.631%
62	11.633	1618	1623	1627	rVV2	2219925	2531144	30.24%	2.959%
63	11.669	1627	1629	1633	rVV3	286097	397831	4.75%	0.465%
64	11.733	1637	1640	1644	rVV3	1027508	1138214	13.60%	1.331%
65	11.774	1644	1647	1649	rVV	593314	686848	8.21%	0.803%
66	11.798	1649	1651	1653	rVV2	652722	727545	8.69%	0.851%
67	11.833	1653	1657	1661	rVV3	2192384	3349409	40.02%	3.916%
68	11.874	1661	1664	1670	rVV3	1767843	2903065	34.69%	3.394%
69	11.939	1670	1675	1681	rVV2	2171816	3262506	38.98%	3.814%
70	11.992	1681	1684	1687	rVV4	2362255	3303609	39.47%	3.862%
71	12.033	1687	1691	1697	rVV2	5430752	8368901	100.00%	9.784%

LSC Area Percent Report

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Sample : K1984-05 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.086	1697	1700	1701	rVV	1044265	1156706	13.82%	1.352%
73	12.110	1701	1704	1708	rVV2	3455685	4052026	48.42%	4.737%
74	12.145	1708	1710	1712	rVV3	355387	360324	4.31%	0.421%
75	12.192	1712	1718	1727	rVV2	3797090	5171584	61.80%	6.046%
76	12.269	1727	1731	1736	rVV	2324222	3049973	36.44%	3.566%
77	12.310	1736	1738	1742	rVV4	425363	672622	8.04%	0.786%
78	12.351	1742	1745	1750	rVV2	1311465	1802572	21.54%	2.107%
79	12.416	1754	1756	1759	rVV	400613	388328	4.64%	0.454%
80	12.451	1759	1762	1765	rVB	643541	562270	6.72%	0.657%
81	12.498	1765	1770	1772	rBV3	1979398	2101818	25.11%	2.457%
82	12.521	1772	1774	1776	rVB2	218413	180109	2.15%	0.211%
83	12.545	1776	1778	1781	rBV	510158	472107	5.64%	0.552%
84	12.616	1787	1790	1792	rBV	439352	456683	5.46%	0.534%
85	12.674	1798	1800	1804	rVB	511315	436458	5.22%	0.510%
86	12.710	1804	1806	1809	rBV3	159362	153169	1.83%	0.179%
87	12.739	1809	1811	1816	rVB	598522	584850	6.99%	0.684%
88	12.792	1817	1820	1823	rBV2	1892186	1928635	23.05%	2.255%
89	12.974	1843	1851	1854	rBV	5389130	7471148	89.27%	8.734%
90	13.010	1854	1857	1863	rVB3	250871	376793	4.50%	0.441%
91	13.074	1865	1868	1870	rBV	150652	136738	1.63%	0.160%
92	13.104	1870	1873	1880	rVB3	339559	474571	5.67%	0.555%
93	13.233	1892	1895	1898	rVB	299924	293367	3.51%	0.343%
94	13.286	1902	1904	1908	rVV2	348276	354348	4.23%	0.414%
95	13.321	1908	1910	1913	rVB	232628	197584	2.36%	0.231%
96	13.433	1926	1929	1931	rVB	146130	127709	1.53%	0.149%
97	13.868	1999	2003	2006	rBV2	1079550	1148929	13.73%	1.343%
98	13.892	2006	2007	2010	rVB	238751	145312	1.74%	0.170%
99	15.280	2239	2243	2247	rBV2	546535	668783	7.99%	0.782%
100	17.351	2591	2595	2604	rVB3	82207	113893	1.36%	0.133%

Sum of corrected areas: 85536098

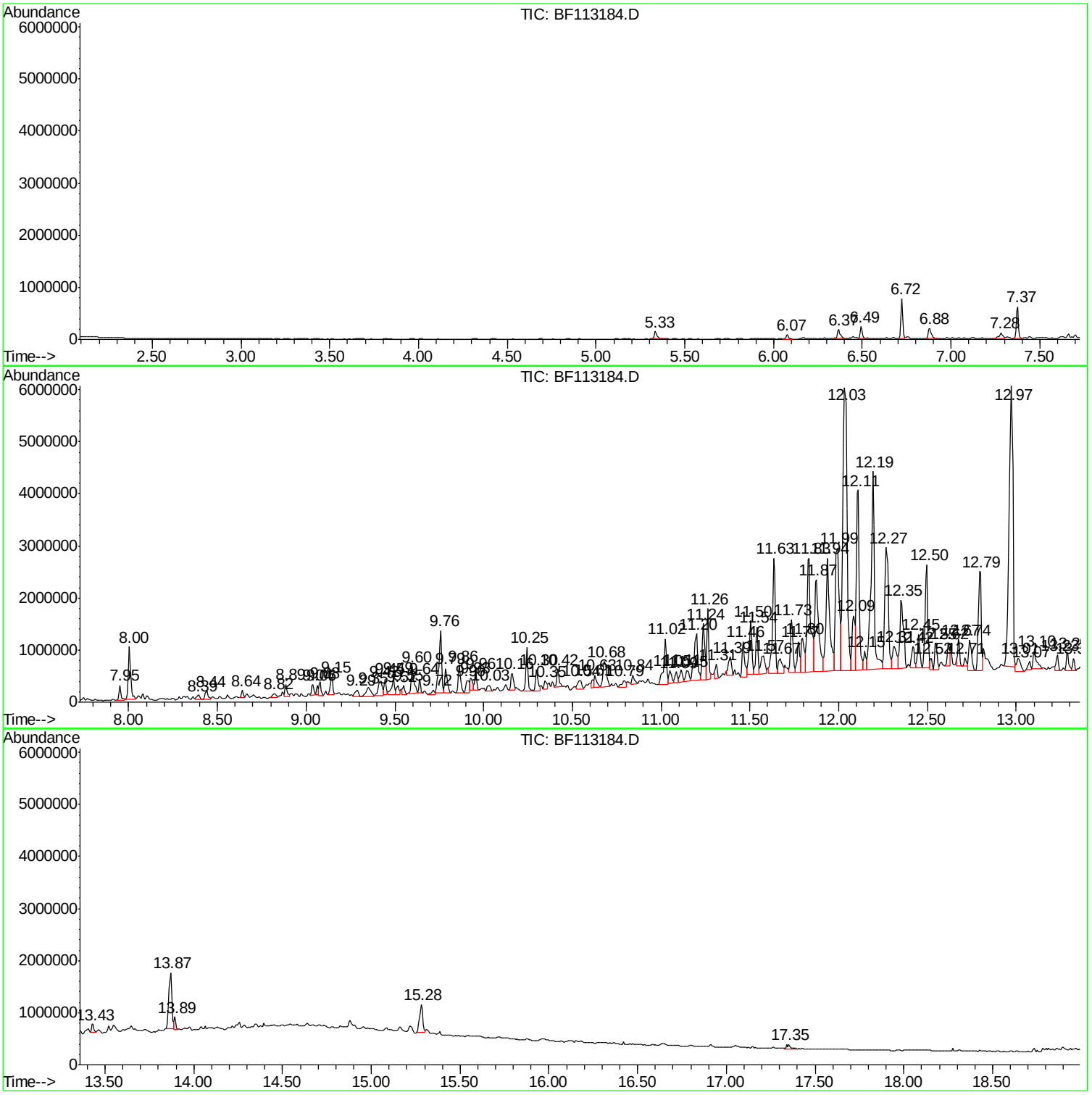
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113184.D
Acq On : 20 Mar 2019 21:26
Operator : JU/SJ
Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF032019\
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Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

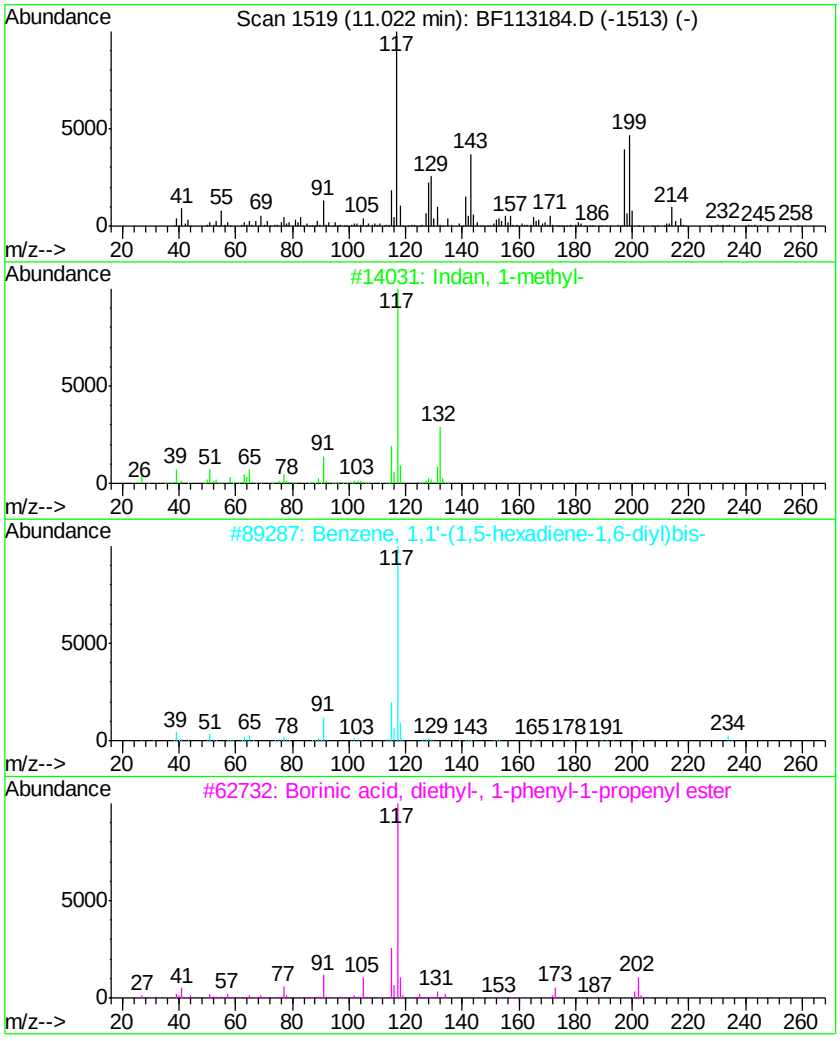
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

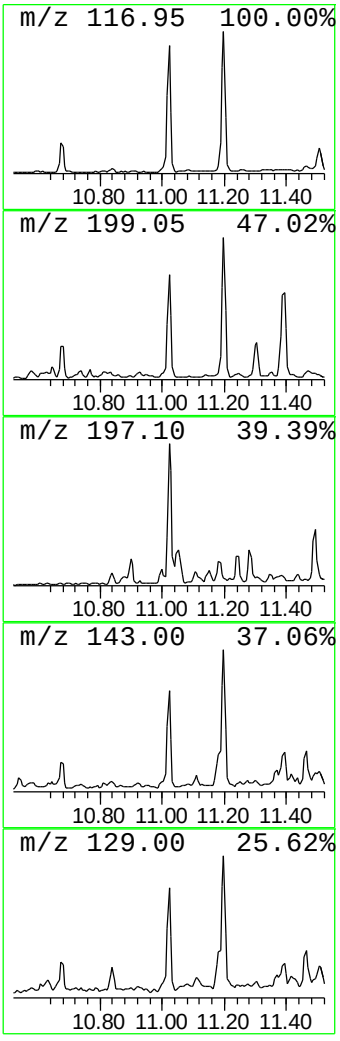
****

Peak Number 1 unknown11.02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	21.48 ng	1064230	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	22
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	14
3	Borinic acid, diethyl-, 1-phenyl...	202	C13H19BO	034602-33-0	14
4	Benzene, 1,1'-(1-butene-1,4-diyl...	208	C16H16	070388-65-7	14
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	14





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

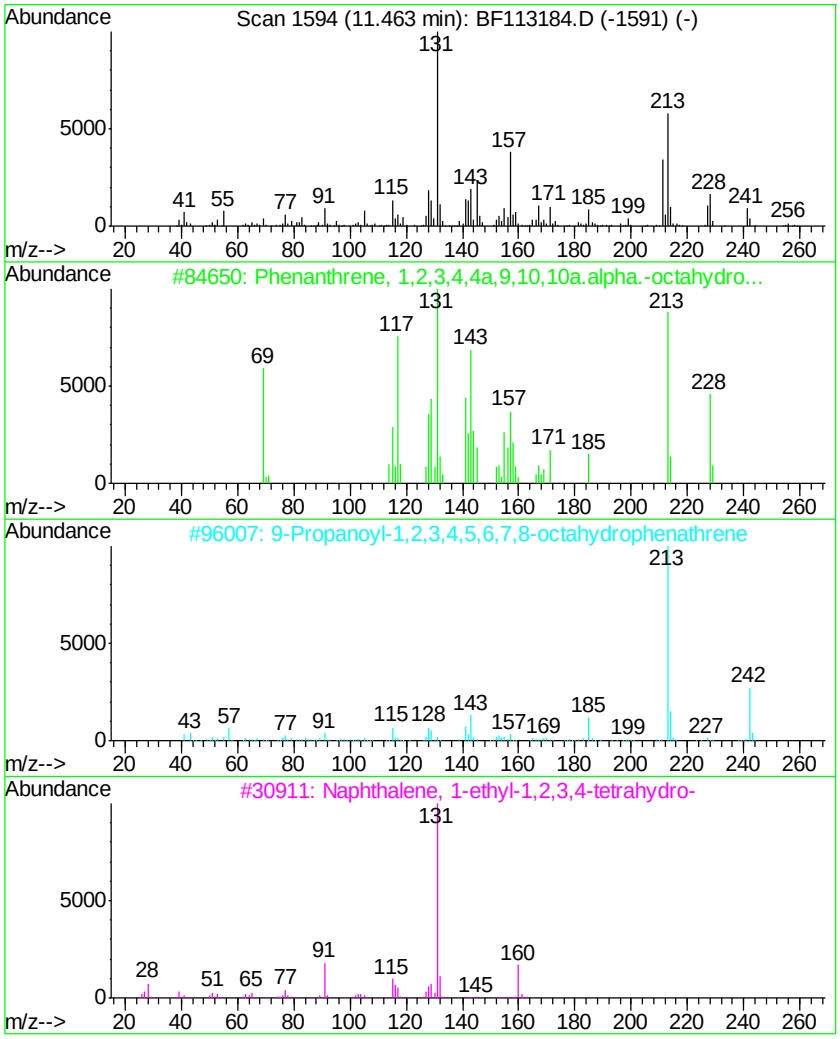
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

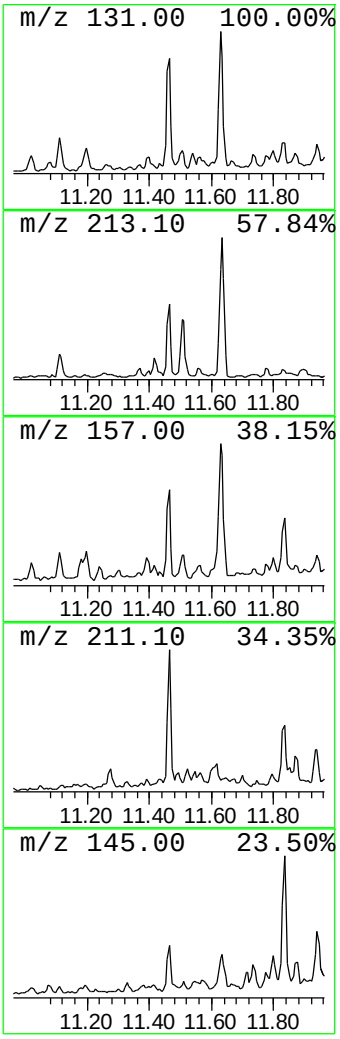
****

Peak Number 2 unknown11.46 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	14.57 ng	721841	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	228	C17H24	000471-79-4	25
2	9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	25
3	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	18
4	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	15
5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	15





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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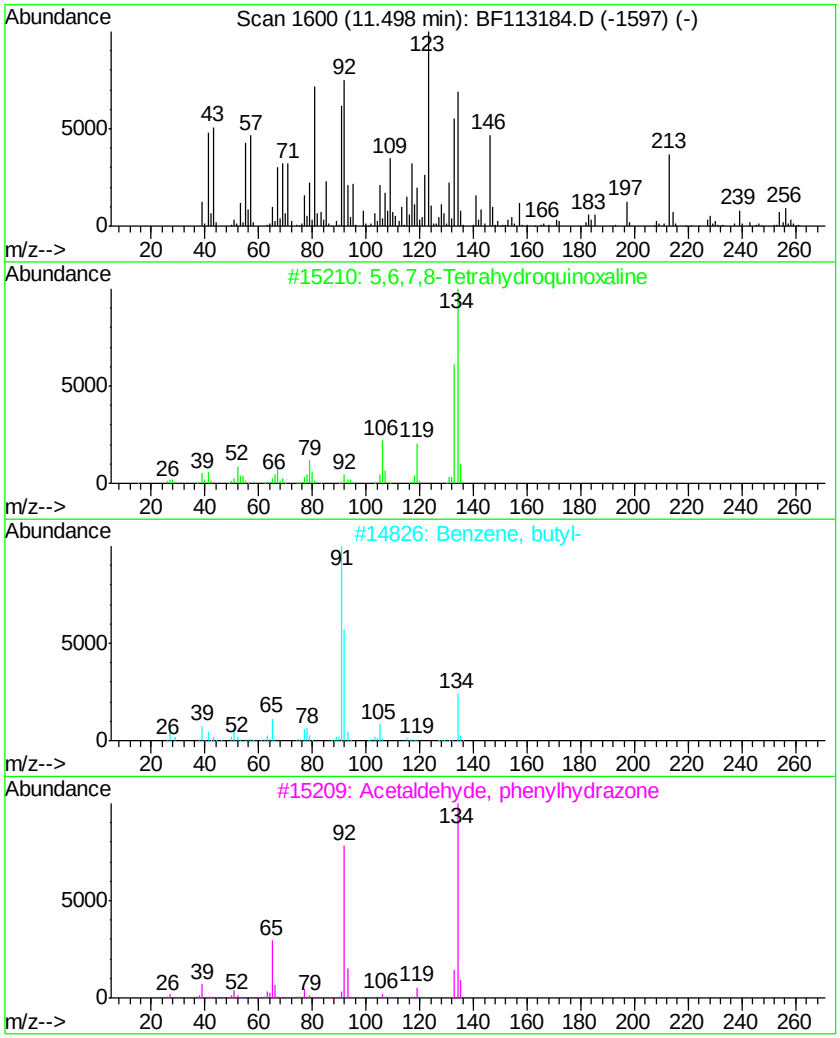
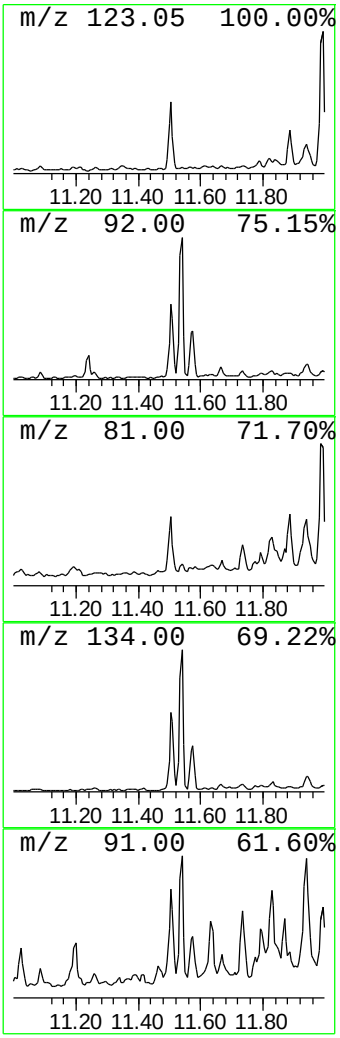
Peak Number 3 unknown11.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	24.74 ng	1225940	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	30
2	Benzene, butyl-	134	C10H14	000104-51-8	30
3	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	27
4	2-(1-Cyclopentenyl)furan	134	C9H10O	115754-78-4	18
5	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	18





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

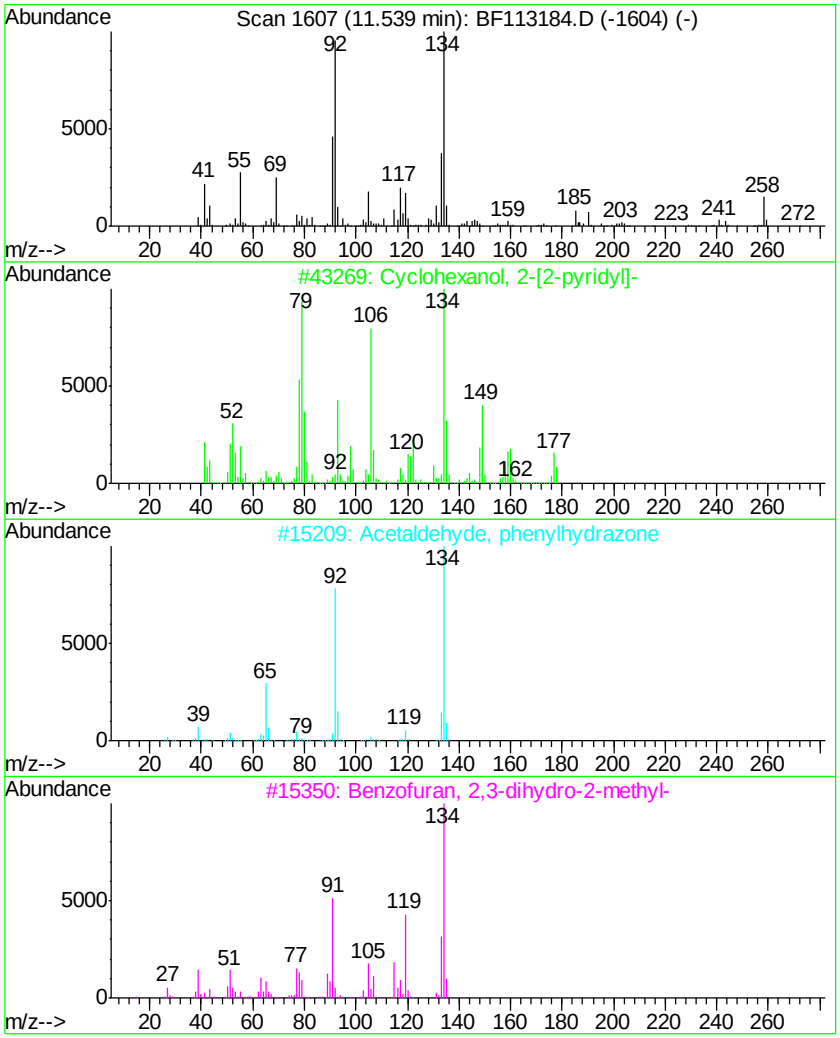
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

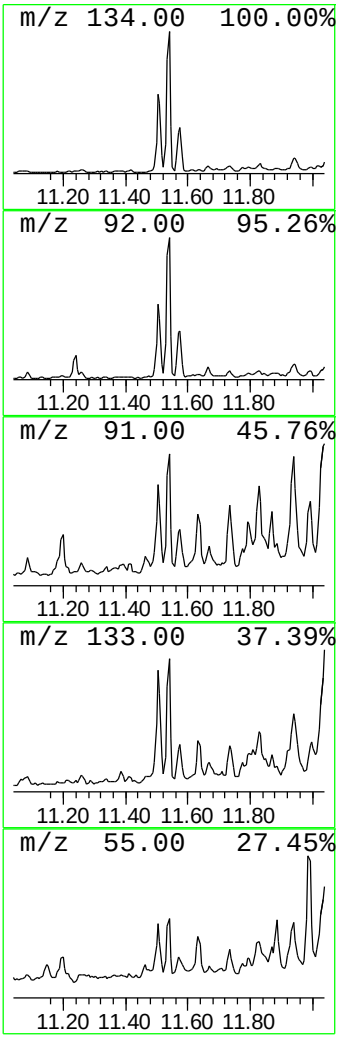
****

Peak Number 4 Cyclohexanol, 2-[2-pyridyl]- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	16.37 ng	811144	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-[2-pyridyl]-	177	C11H15NO	099858-60-3	70
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	59
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	41
4	2-Allylphenol	134	C9H10O	001745-81-9	38
5	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	38





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Data File : BF113184.D
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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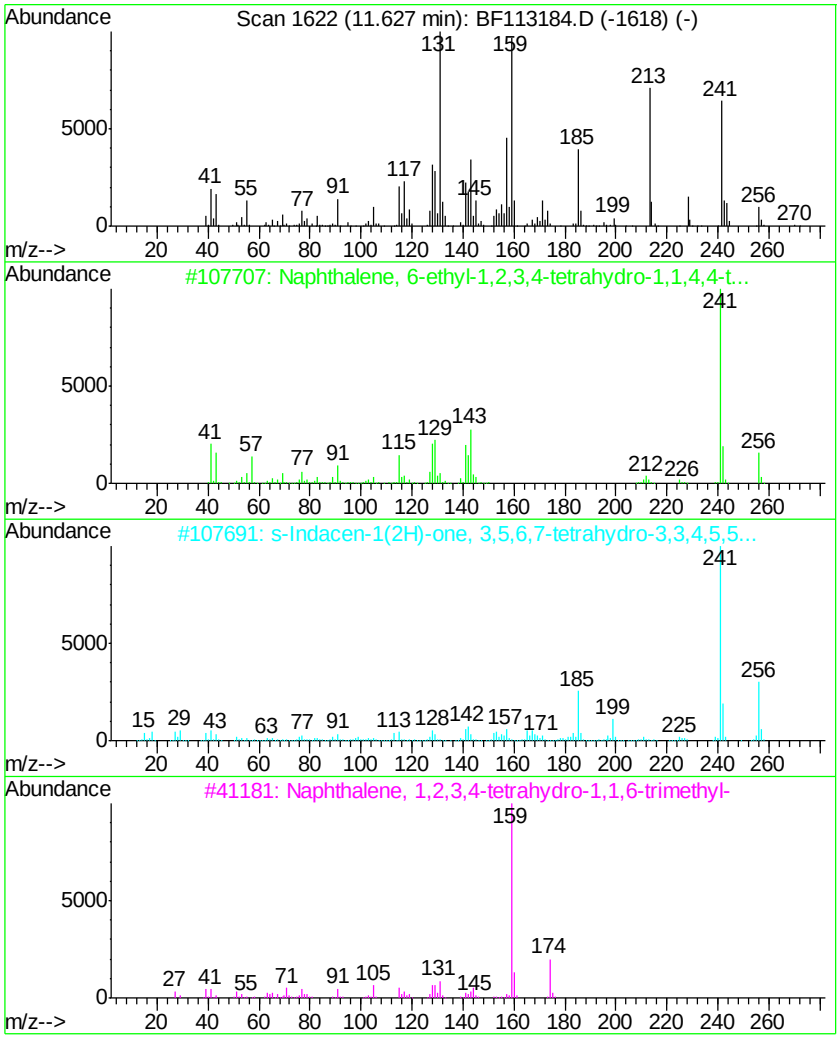
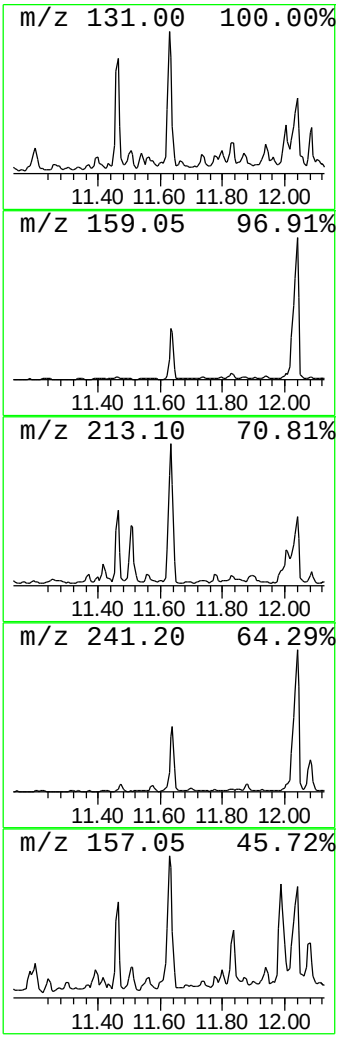
Peak Number 5 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	51.08 ng	2531140	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	89
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	35
5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	27





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Operator : JU/SJ
Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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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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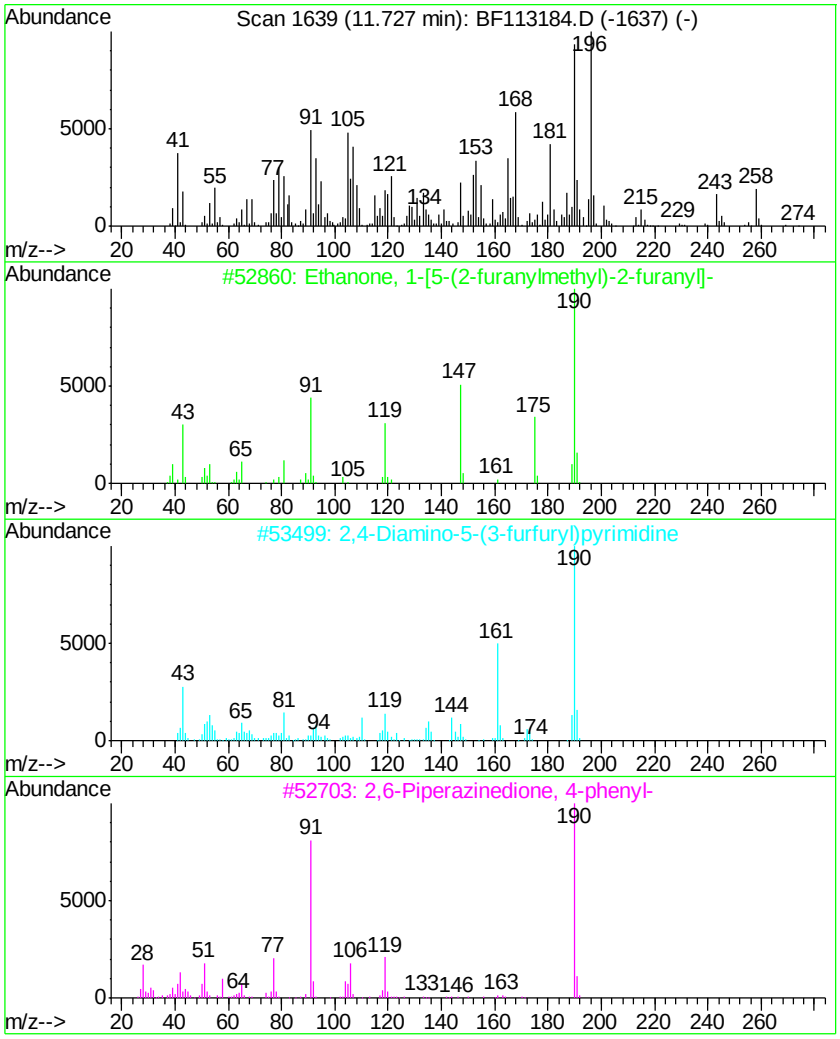
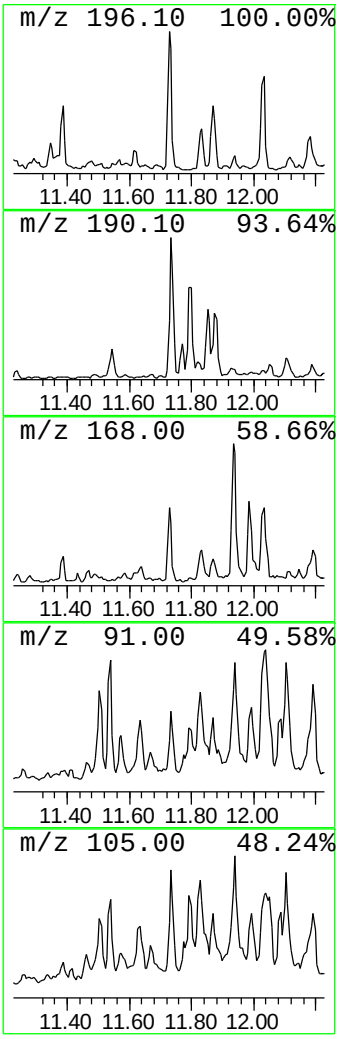
Peak Number 6 unknown11.73 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	22.97 ng	1138210	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	35
2	2,4-Diamino-5-(3-furfuryl)pyrimi...	190	C9H10N4O	1000254-56-1	27
3	2,6-Piperazinedione, 4-phenyl-	190	C10H10N2O2	042239-75-8	27
4	Benzene-1,2-diamine, N-cyclohexyl-	190	C12H18N2	1000303-07-6	25
5	Thiazole, 2-amino-5-methyl-4-phe...	190	C10H10N2S	030709-67-2	22





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Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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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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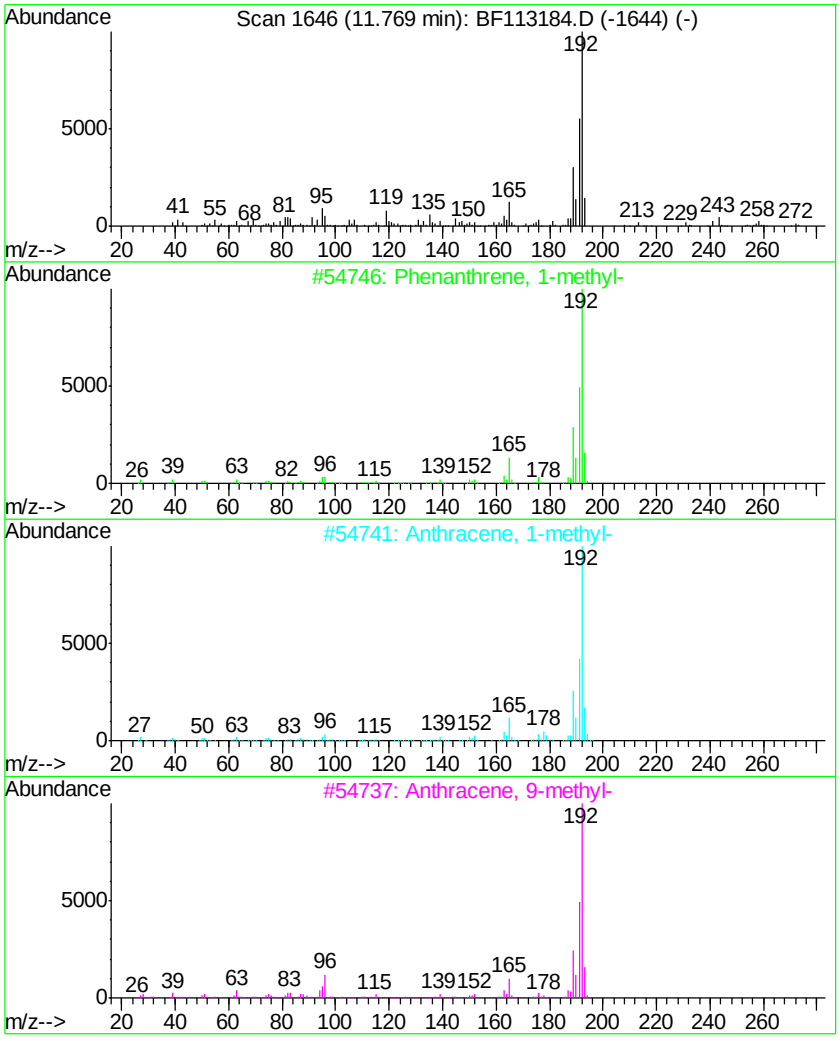
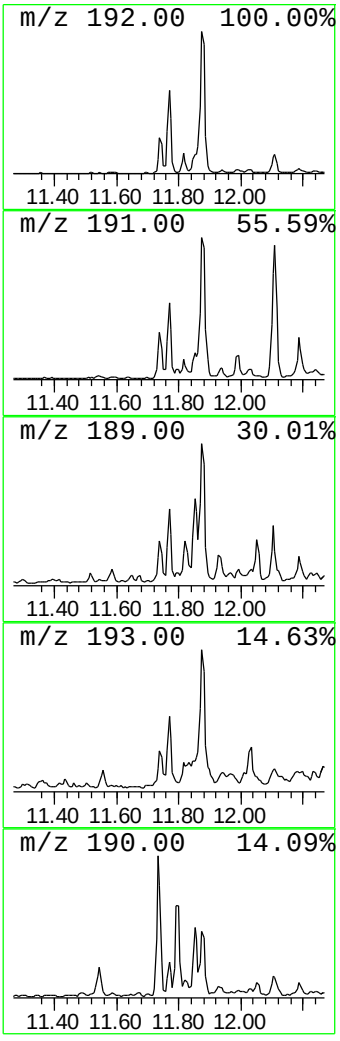
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	13.86 ng	686848	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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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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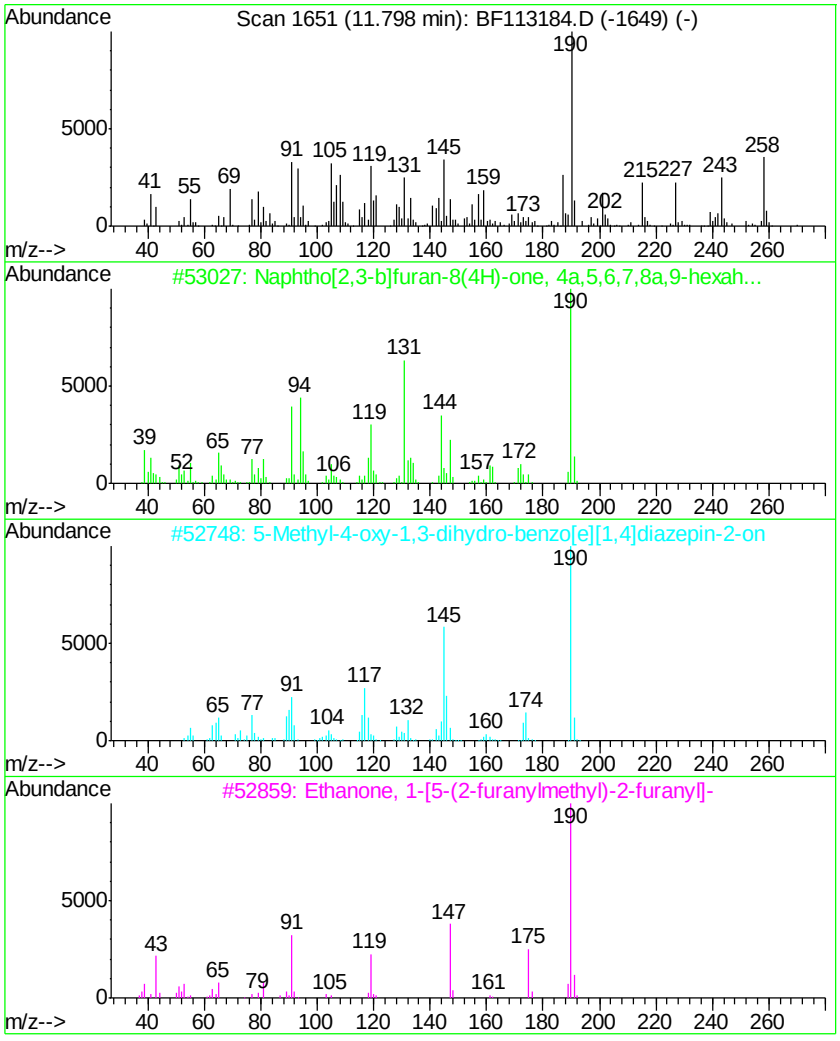
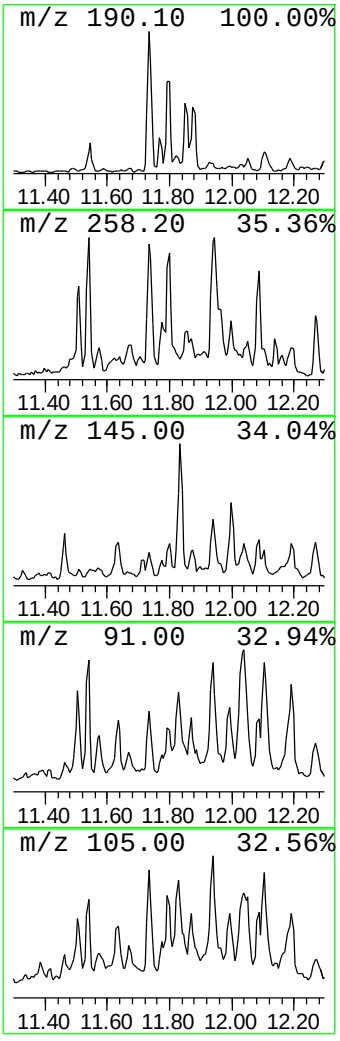
Peak Number 8 unknown11.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	14.68 ng	727545	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]furan-8(4H)-one, 4...	190	C12H14O2	1000221-38-2	27
2	5-Methyl-4-oxy-1,3-dihydro-benzo...	190	C10H10N2O2	040973-93-1	27
3	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	22
4	2-Trifluoromethyl-nicotinamide	190	C7H5F3N2O	1000318-45-2	22
5	2-Methyl-6-methoxy-1,5-naphthyri...	190	C10H10N2O2	1000250-78-7	22





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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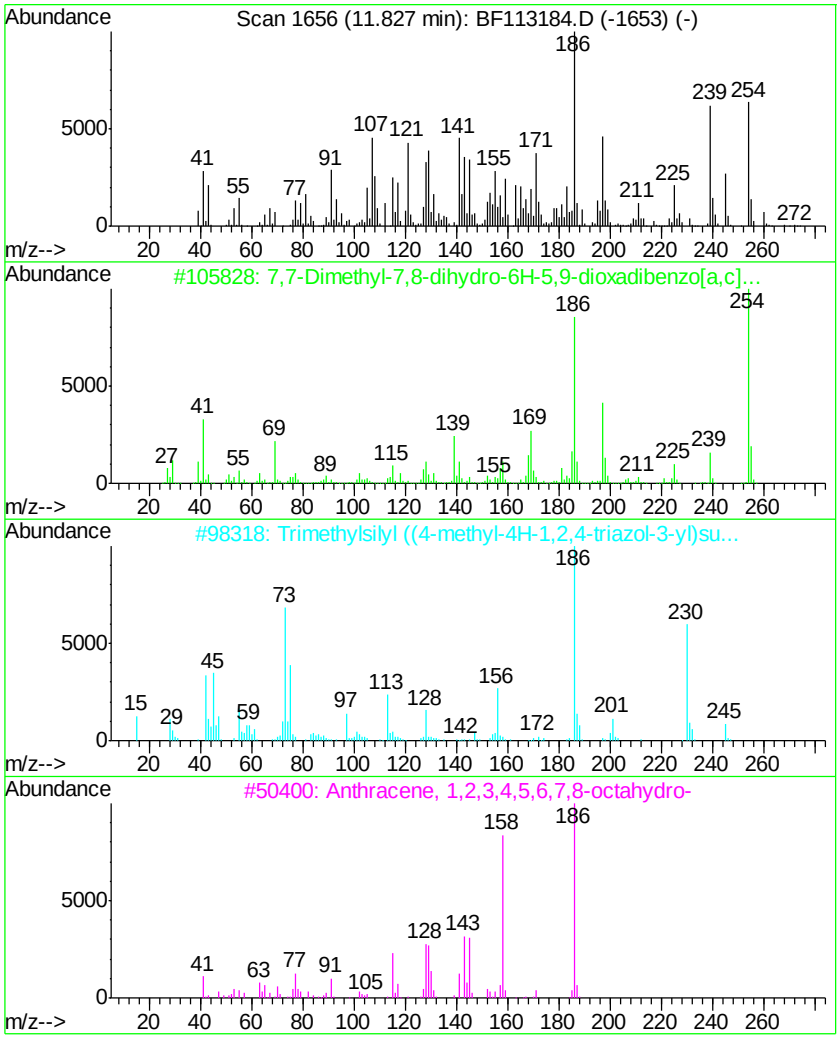
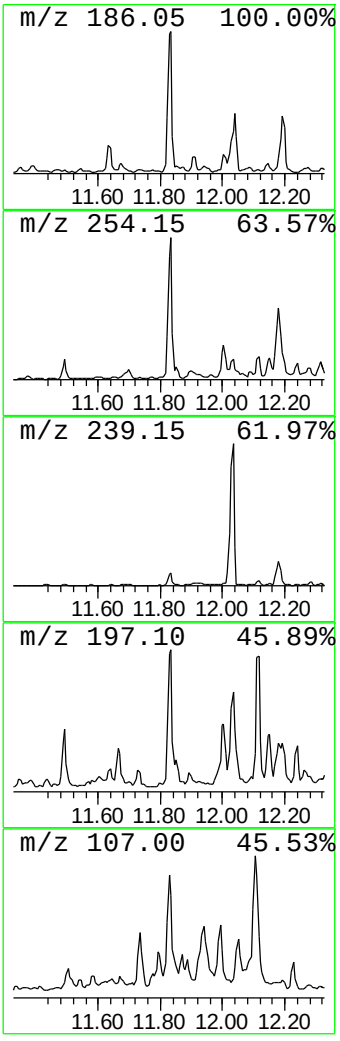
Peak Number 9 unknown11.83 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	67.59 ng	3349410	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,7-Dimethyl-7,8-dihydro-6H-5,9-...	254	C17H18O2	161895-54-1	38
2	Trimethylsilyl ((4-methyl-4H-1,2...	245	C8H15N3O2SSi	1000297-95-6	25
3	Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	25
4	9-Acridinamine, 2-(1,1-dimethyle...	254	C17H22N2	1000318-93-9	25
5	Detomidine	186	C12H14N2	076631-46-4	20





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

TIC Library : C:\DATABASE\NIST11.L
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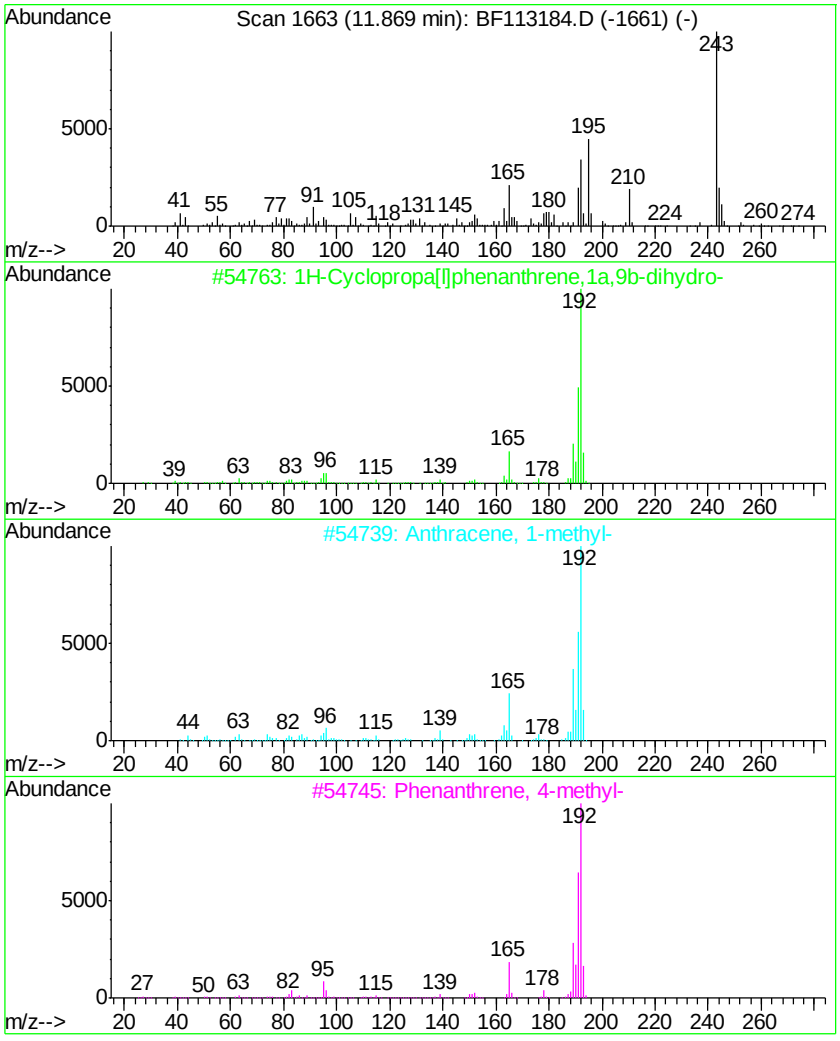
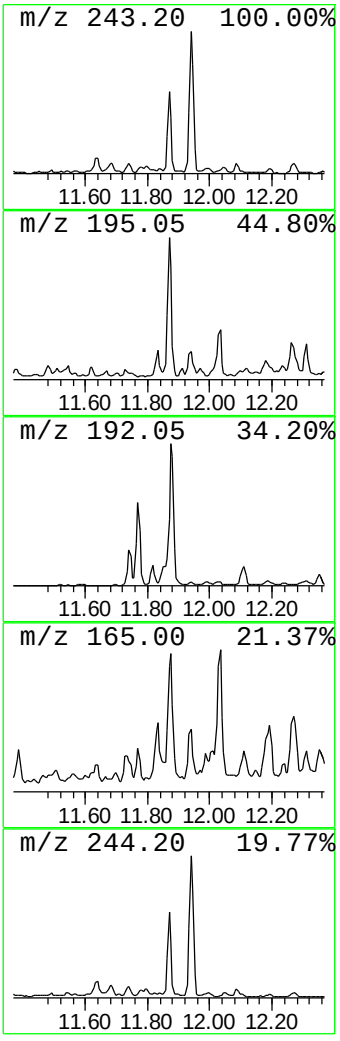
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	58.58 ng	2903070	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	56
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	56
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	49
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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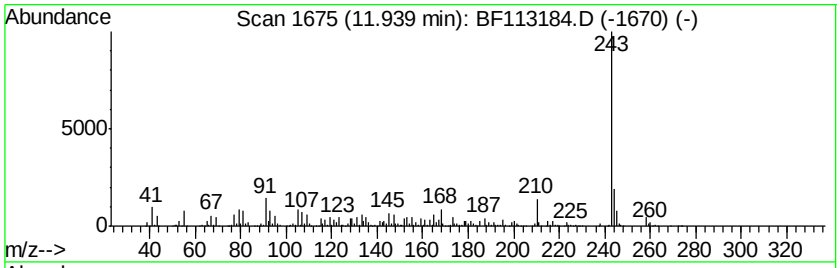
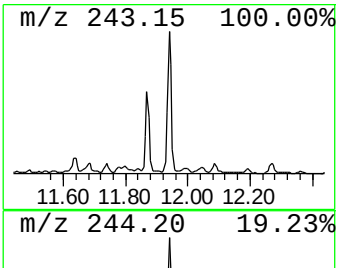
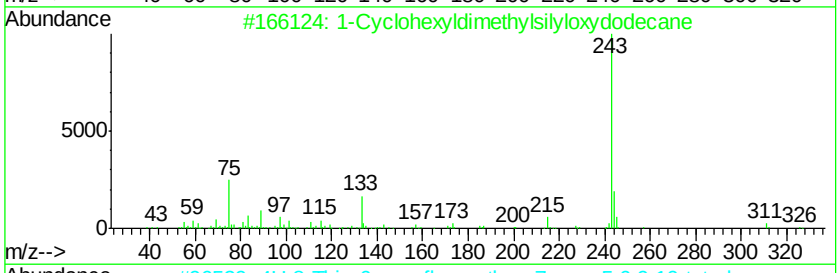
Peak Number 11 1-Cyclohexyldimethylsilylox... Concentration Rank 7

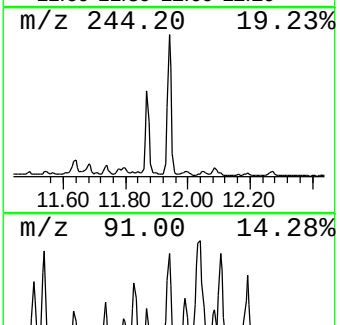
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	65.83 ng	3262510	Phenanthrene-d10	11.24

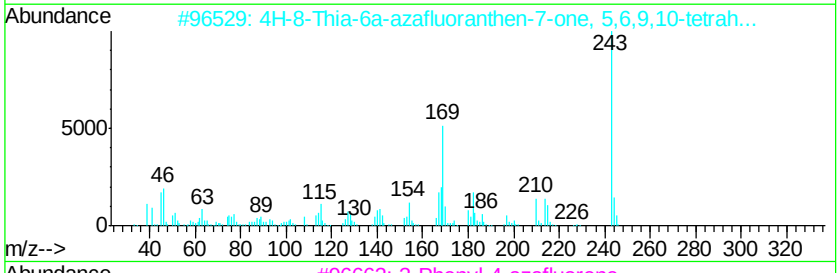
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyldimethylsilyloxydode...	326	C20H42OSi	1000281-96-3	64
2	4H-8-Thia-6a-azafluoranthen-7-on...	243	C14H13NOS	1000310-09-0	64
3	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	64
4	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	62
5	2-Hexanone, 4-hydroxy-3-methyl-1...	358	C25H26O2	1000198-02-1	59

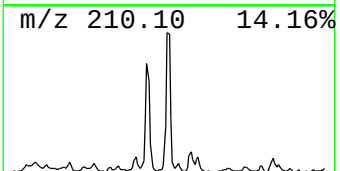


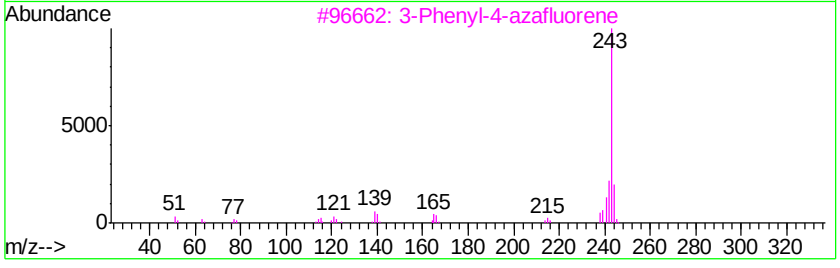


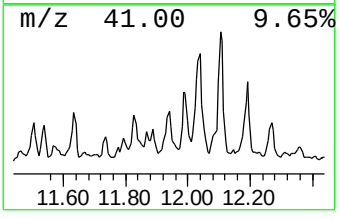












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TIC Integration Parameters: LSCINT.P

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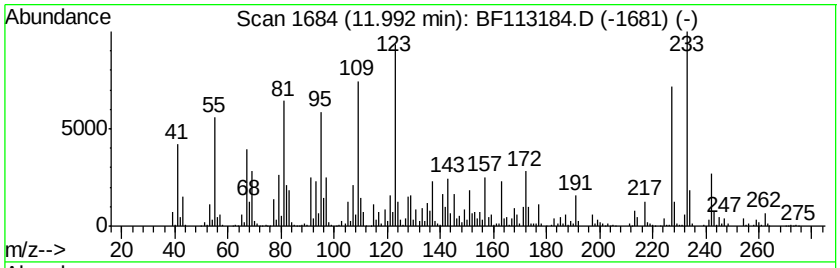
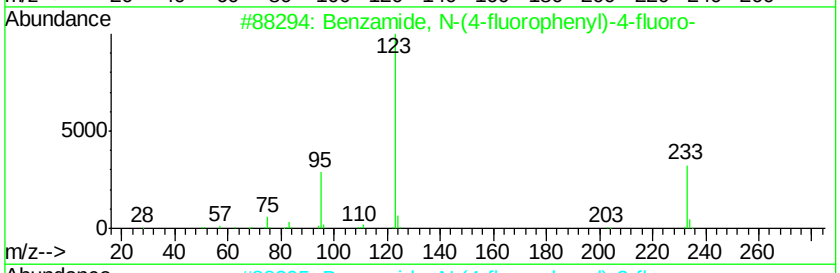
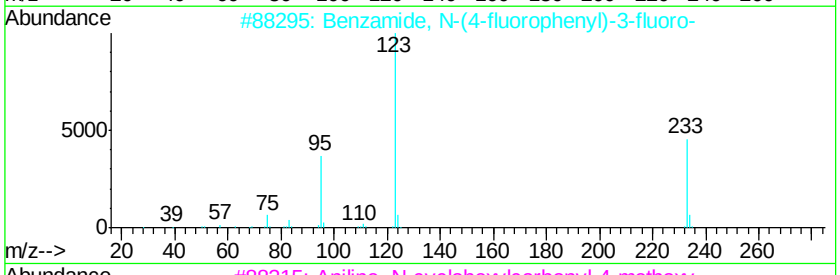
Peak Number 12 unknown11.99 Concentration Rank 6

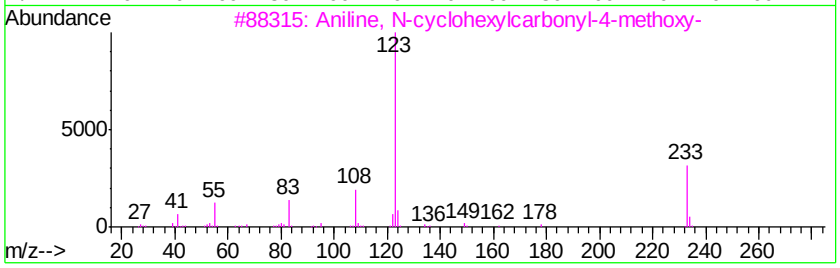
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	66.66 ng	3303610	Phenanthrene-d10	11.24

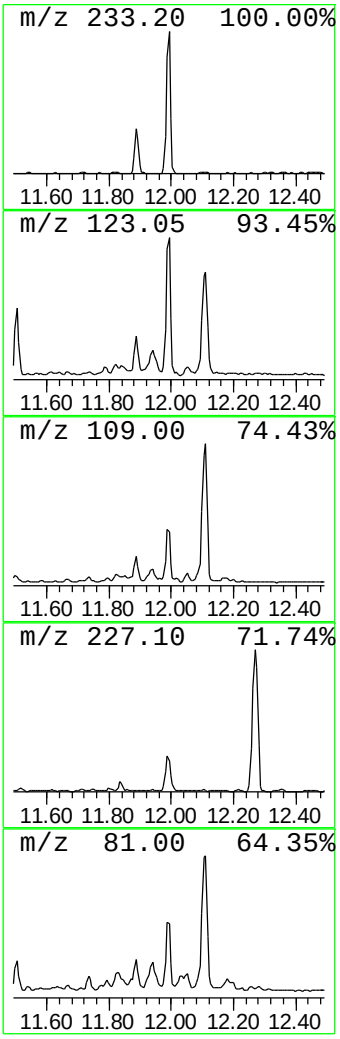
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	43
2	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	38
3	Aniline, N-cyclohexylcarbonyl-4-...	233	C14H19NO2	315712-26-6	38
4	Benzoic acid, 3-fluoro-, ethyl e...	168	C9H9FO2	000451-02-5	18
5	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	15











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Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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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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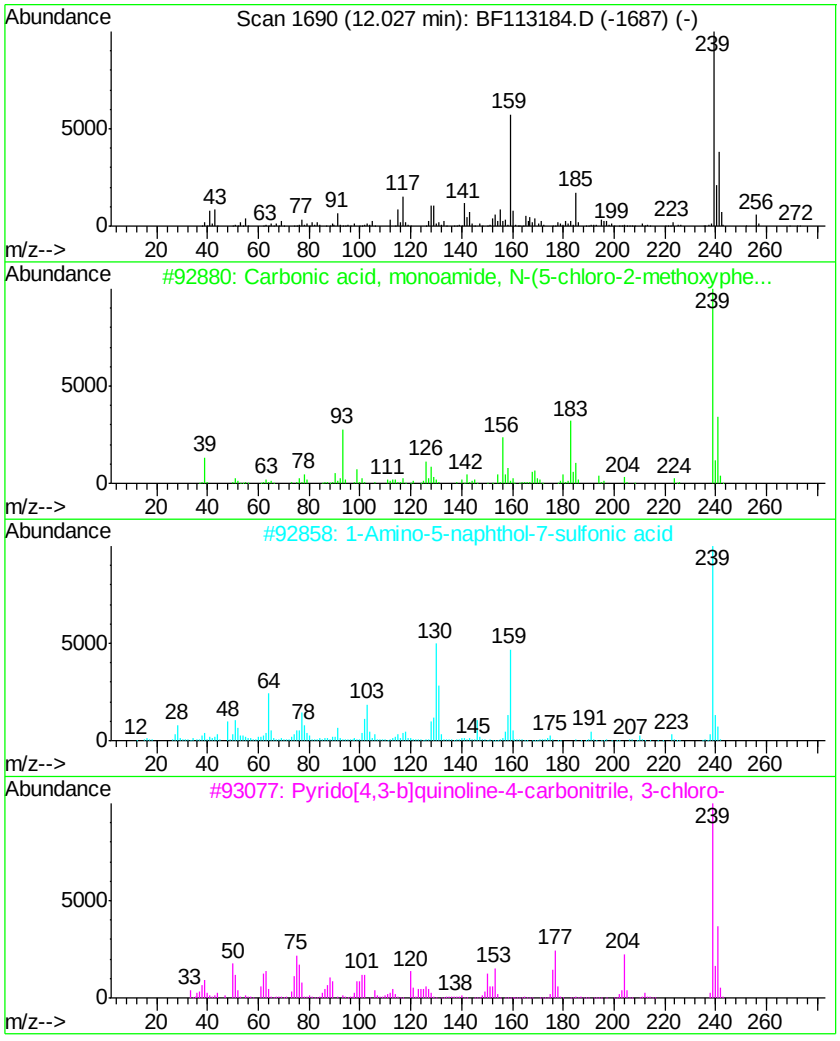
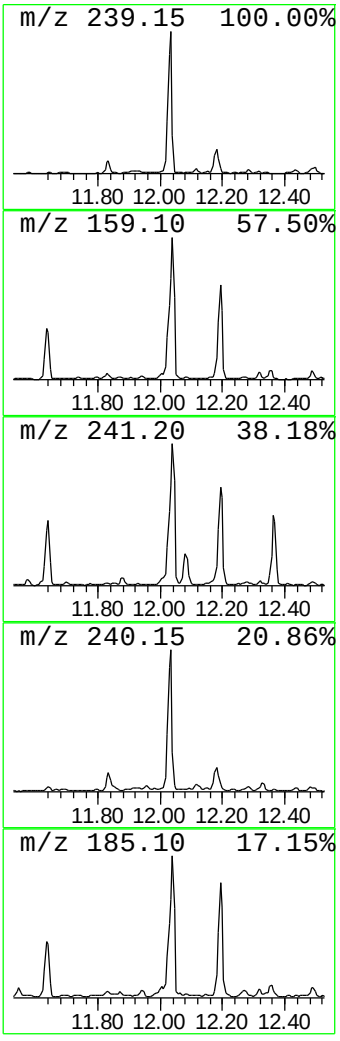
Peak Number 13 unknown12.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	168.88 ng	8368900	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, monoamide, N-(5-c...	239	C11H10ClNO3	1000340-17-6	43
2	1-Amino-5-naphthol-7-sulfonic acid	239	C10H9NO4S	000489-78-1	38
3	Pyrido[4,3-b]quinoline-4-carboni...	239	C13H6ClN3	104802-98-4	37
4	4,7-Dichloro-2,3-dihydrofuro(2,3...	239	C11H7Cl2NO	026252-34-6	37
5	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	30





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TIC Integration Parameters: LSCINT.P

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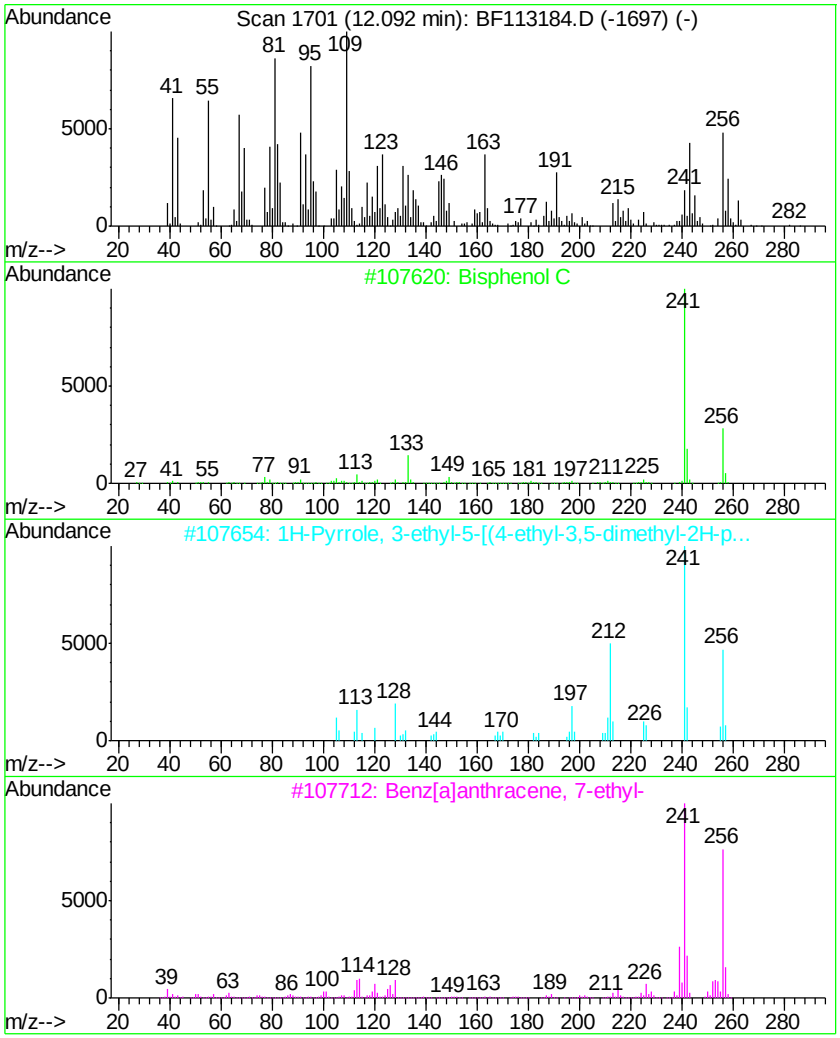
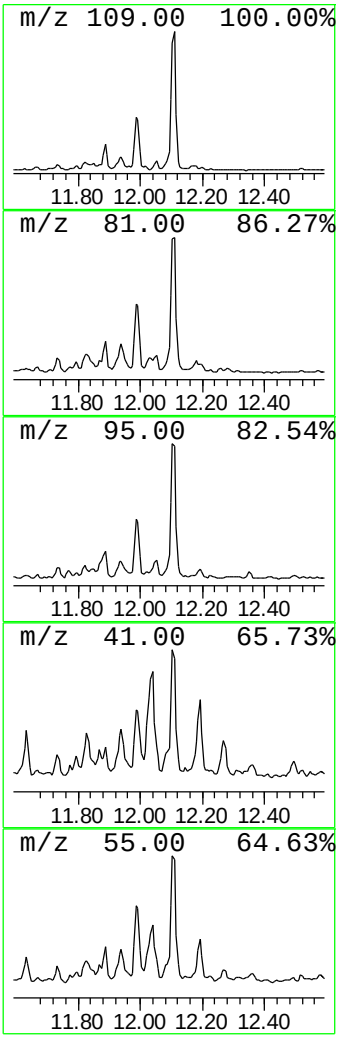
Peak Number 14 Bisphenol C Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	23.34 ng	1156710	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bisphenol C	256	C17H20O2	000079-97-0	50
2	1H-Pyrrole, 3-ethyl-5-[(4-ethyl-...	256	C17H24N2	002407-83-2	38
3	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	38
4	3,5-Dimethyl-1-dimethylphenylsil...	256	C16H20OSi	1000307-90-6	35
5	Benz(a)anthracene, 12-ethyl-	256	C20H16	018868-66-1	35





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Data File : BF113184.D
Acq On : 20 Mar 2019 21:26
Operator : JU/SJ
Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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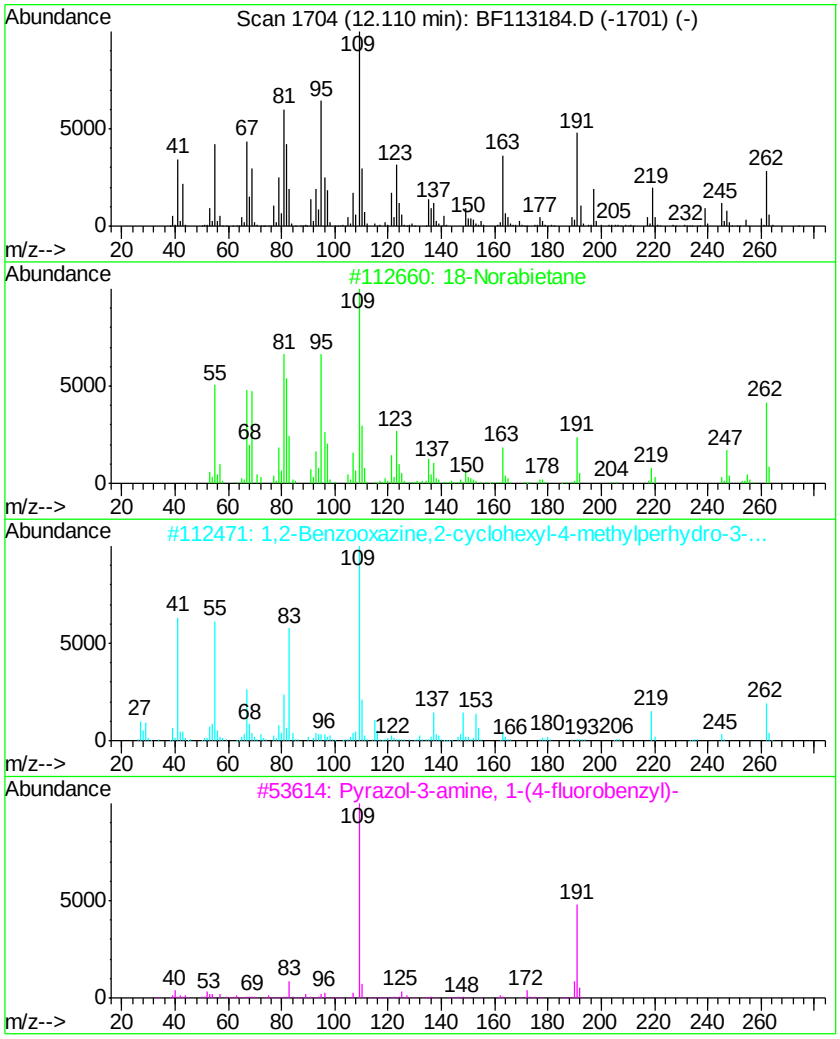
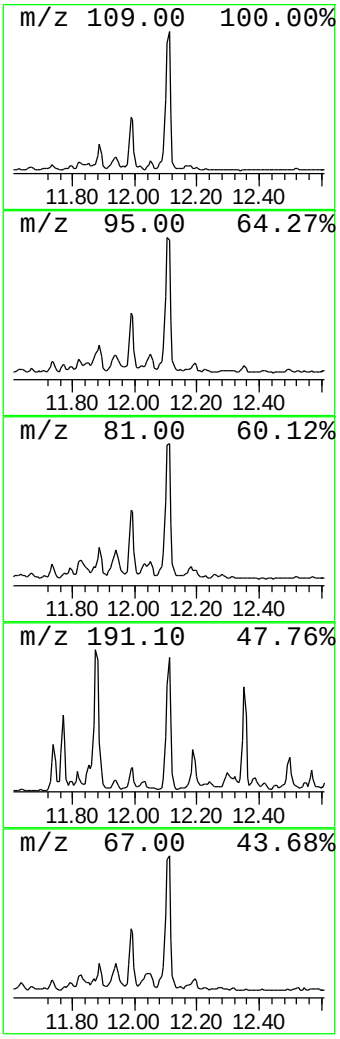
Peak Number 15 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	81.77 ng	4052030	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	38
3	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	35
4	Pyrazol-4-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-9	35
5	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	22





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Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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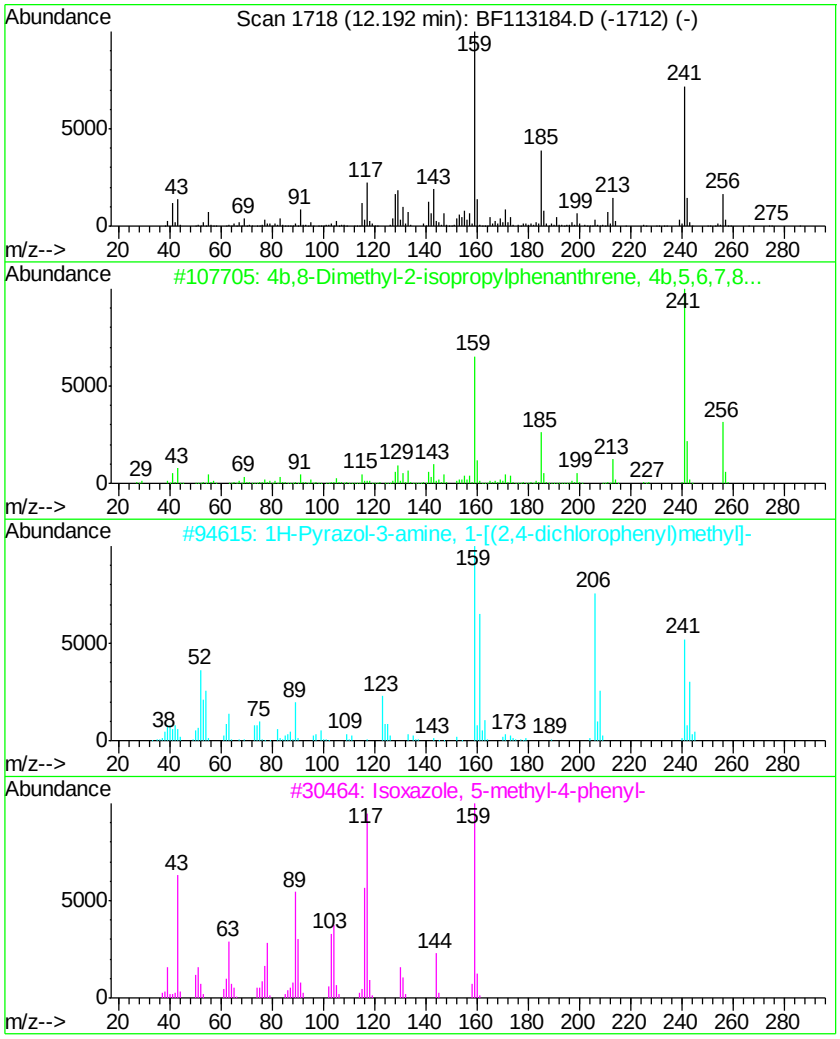
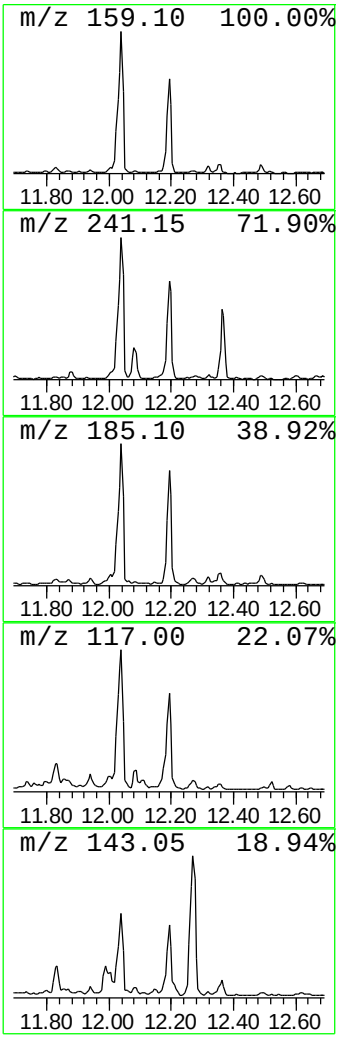
Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	104.36 ng	5171580	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	1H-Pyrazol-3-amine, 1-[(2,4-dich...	241	C10H9Cl2N3	1000350-35-3	47
3	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	35
5	4-Methoxycinnamonitrile,c&t	159	C10H9NO	028446-68-6	27





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Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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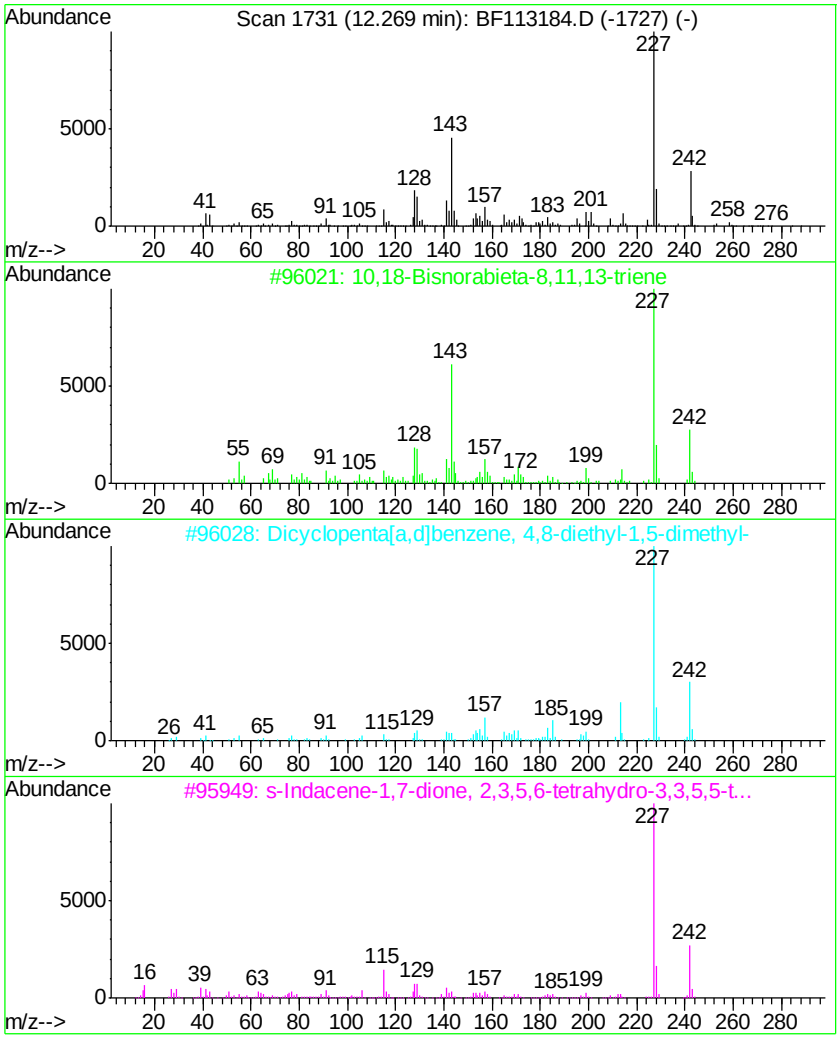
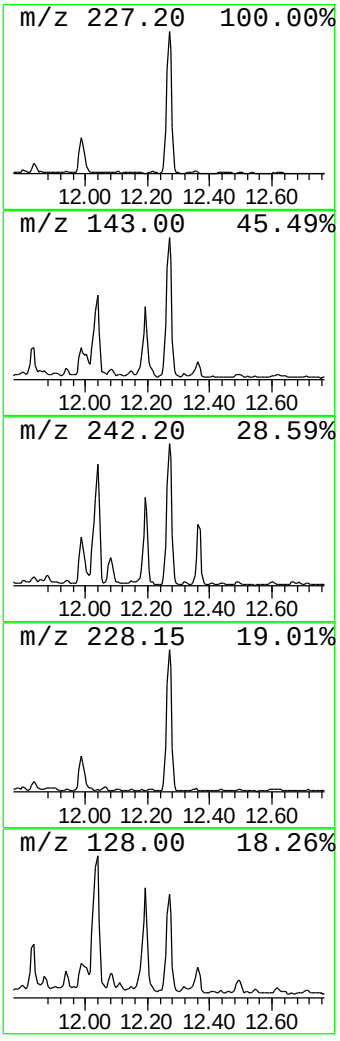
Peak Number 17 10,18-Bisnorabieta-8,11,13-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	61.55 ng	3049970	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	94
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	78
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	50
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	49
5	Lapachol	242	C15H14O3	000084-79-7	49





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Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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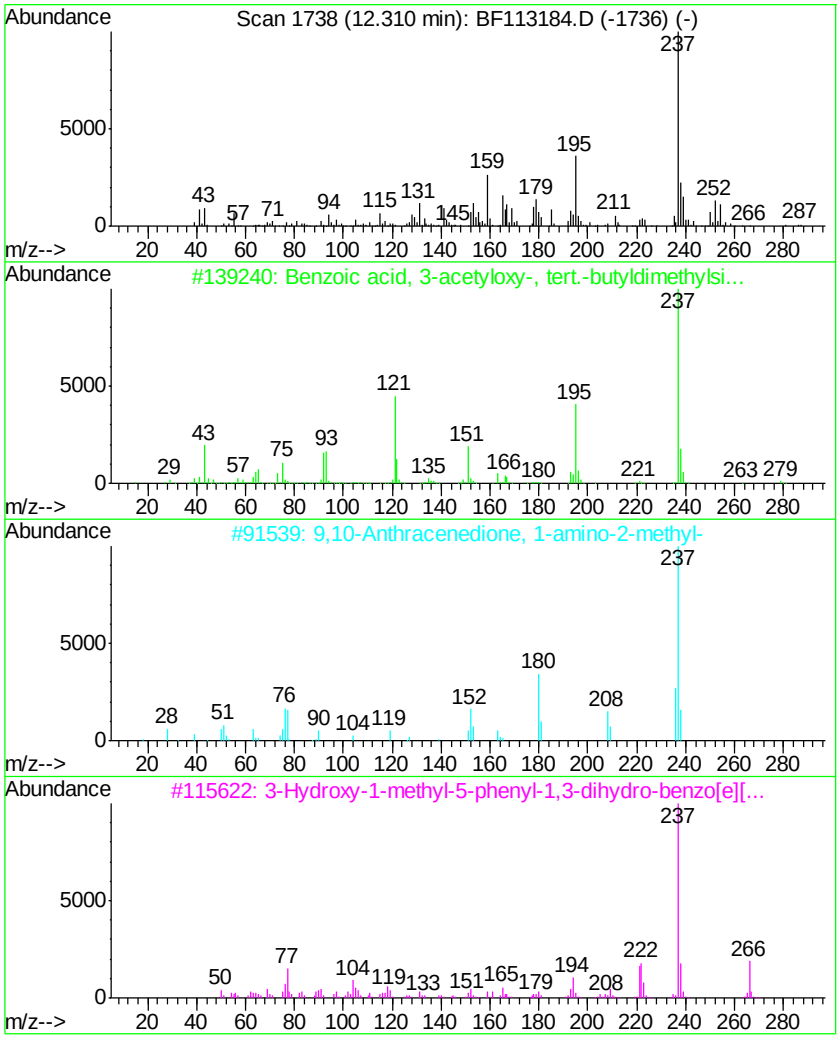
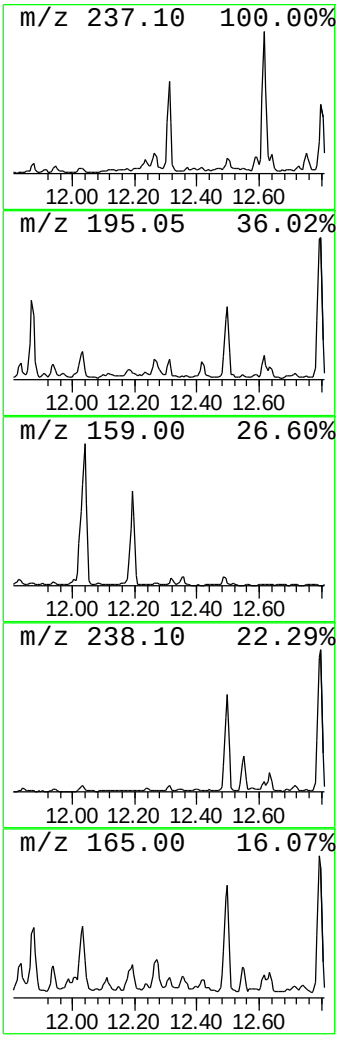
Peak Number 18 unknown12.31 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	13.57 ng	672622	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-acetyloxy-, tert...	294	C15H22O4Si	1000375-02-7	47
2	9,10-Anthracenedione, 1-amino-2-...	237	C15H11NO2	000082-28-0	43
3	3-Hydroxy-1-methyl-5-phenyl-1,3-...	266	C16H14N2O2	025177-93-9	43
4	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	38
5	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	38





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Operator : JU/SJ
Sample : K1984-05 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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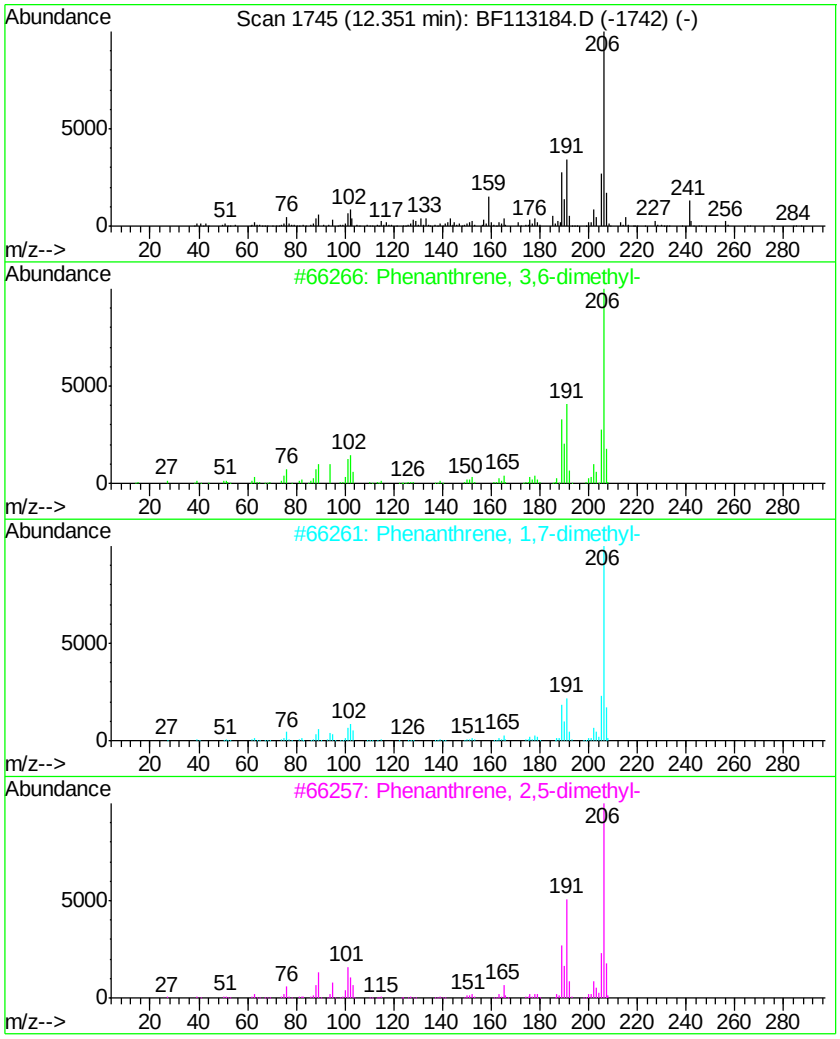
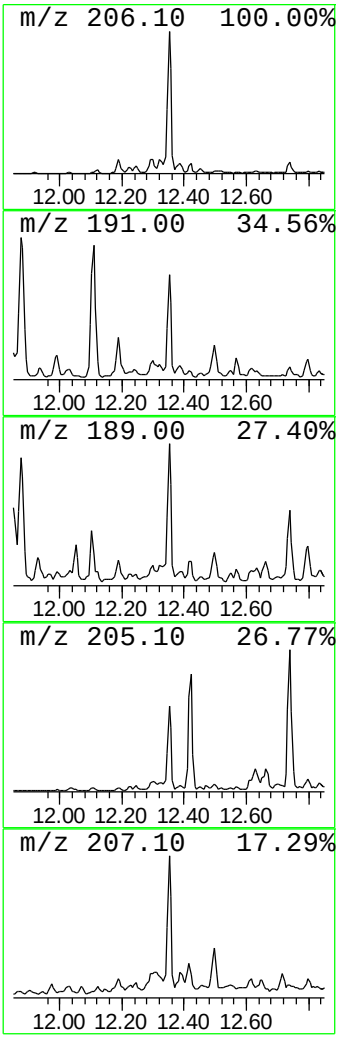
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	36.37 ng	1802570	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(10-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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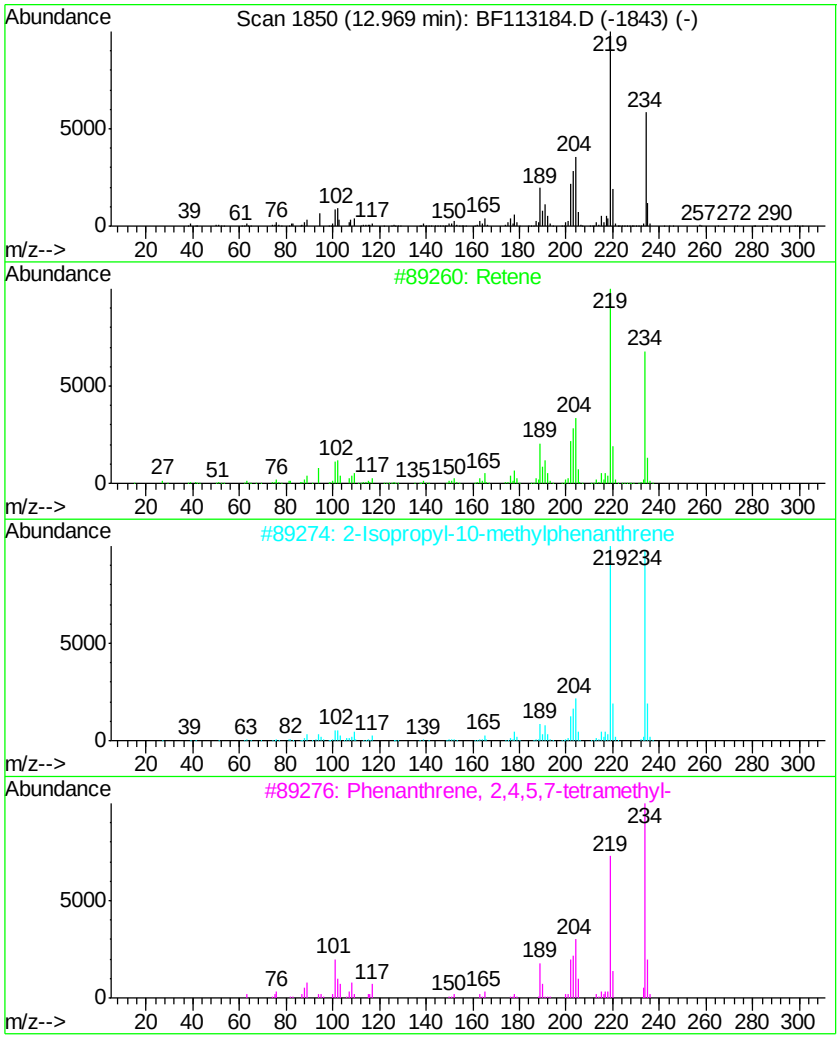
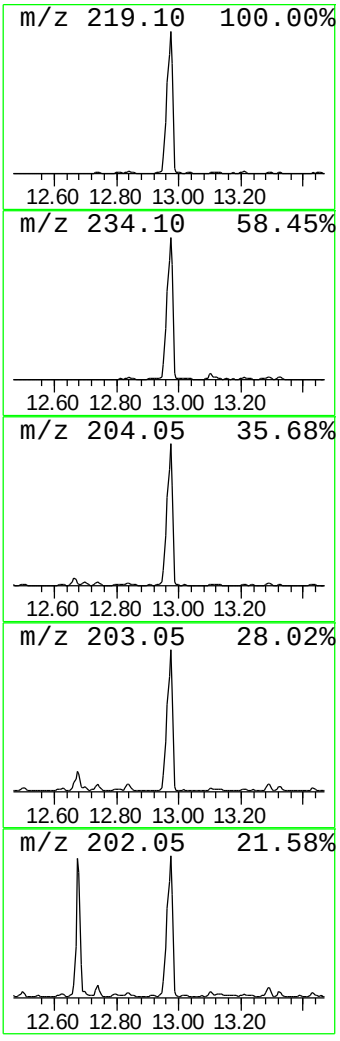
Peak Number 20 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	130.05 ng	7471150	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
5	1-Ethanone, 1-(4-amino-7-chloro-...	234	C12H11ClN2O	1000350-06-0	49





Tentatively Identified Compound (LSC) summary

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Data File : BF113184.D
Acq On : 20 Mar 2019 21:26
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-13(10-11)

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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
unknown11.02	11.02	21.5	ng	1064230	4	11.24	991127	20.0
unknown11.46	11.46	14.6	ng	721841	4	11.24	991127	20.0
unknown11.50	11.50	24.7	ng	1225940	4	11.24	991127	20.0
Cyclohexanol, 2-[...	11.54	16.4	ng	811144	4	11.24	991127	20.0
Naphthalene, 6-et...	11.63	51.1	ng	2531140	4	11.24	991127	20.0
unknown11.73	11.73	23.0	ng	1138210	4	11.24	991127	20.0
Phenanthrene, 1-m...	11.77	13.9	ng	686848	4	11.24	991127	20.0
unknown11.80	11.80	14.7	ng	727545	4	11.24	991127	20.0
unknown11.83	11.83	67.6	ng	3349410	4	11.24	991127	20.0
1H-Cyclopropa[l]p...	11.87	58.6	ng	2903070	4	11.24	991127	20.0
1-Cyclohexyldimet...	11.94	65.8	ng	3262510	4	11.24	991127	20.0
unknown11.99	11.99	66.7	ng	3303610	4	11.24	991127	20.0
unknown12.03	12.03	168.9	ng	8368900	4	11.24	991127	20.0
Bisphenol C	12.09	23.3	ng	1156710	4	11.24	991127	20.0
18-Norabietane	12.11	81.8	ng	4052030	4	11.24	991127	20.0
4b,8-Dimethyl-2-i...	12.19	104.4	ng	5171580	4	11.24	991127	20.0
10,18-Bisnorabiet...	12.27	61.5	ng	3049970	4	11.24	991127	20.0
unknown12.31	12.31	13.6	ng	672622	4	11.24	991127	20.0
Phenanthrene, 3,6...	12.35	36.4	ng	1802570	4	11.24	991127	20.0
Retene	12.97	130.1	ng	7471150	5	13.87	1148930	20.0