LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109111.D
Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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-BF091418.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	4.913	434	438	445	rVB	65617	76709	1.78%	0.126%
2	5.331	504	509	512	rBV	2030485	1803581	41.87%	2.961%
3	6.354	679	683	691	rBV	1901959	1960602	45.52%	3.218%
4	6.489	702	706	709	rBV	2252109	1915292	44.46%	3.144%
5	6.719	742	745	749	rBV	963206	860519	19.98%	1.413%
6	6.878	768	772	775	rBV	1829847	1476606	34.28%	2.424%
7	7.278	835	840	843	rBV	1331411	1176158	27.30%	1.931%
8	8.001	960	963	965	rBV	1205841	1034878	24.03%	1.699%
9	8.025	965	967	970	rVB	597486	431894	10.03%	0.709%
10	8.713	1081	1084	1088	rBV	292642	240074	5.57%	0.394%
11	8.813	1096	1101	1106	rVB	180930	143121	3.32%	0.235%
12	9.077	1142	1146	1149	rBV	2452394	1925159	44.69%	3.160%
13	9.177	1160	1163	1166	rBV	139314	109334	2.54%	0.179%
14	9.336	1185	1190	1195	rBV	98145	133416	3.10%	0.219%
15	9.413	1198	1203	1206	rBV	155912	152758	3.55%	0.251%
16	9.442	1206	1208	1210	rVV	96722	73882	1.72%	0.121%
17	9.472	1210	1213	1216	rVB	257121	199941	4.64%	0.328%
18	9.530	1221	1223	1228	rVV	86276	87787	2.04%	0.144%
19	9.613	1232	1237	1242	rVB	148142	123437	2.87%	0.203%
20	9.754	1255	1261	1264	rBV	1139076	1017421	23.62%	1.670%
21	9.783	1264	1266	1269	rVV	775364	595985	13.84%	0.978%
22	9.907	1283	1287	1292	rBV2	59919	65532	1.52%	0.108%
23	9.954	1292	1295	1299	rVV	788207	624286	14.49%	1.025%
24	10.295	1350	1353	1359	rVB	1040249	912217	21.18%	1.497%
25	10.383	1366	1368	1370	rVB	135569	97189	2.26%	0.160%
26	10.454	1378	1380	1386	rVB	207524	174636	4.05%	0.287%
27	10.536	1386	1394	1398	rBV	1347078	1274593	29.59%	2.092%
28	10.583	1398	1402	1405	rVB3	58023	66010	1.53%	0.108%
29	10.724	1423	1426	1431	rBV3	67355	83686	1.94%	0.137%
30	10.842	1440	1446	1449	rBV2	161532	197381	4.58%	0.324%
31	10.871	1449	1451	1454	rVV2	77866	71966	1.67%	0.118%
32	10.924	1457	1460	1463	rVB2	76765	75498	1.75%	0.124%
33	10.971	1463	1468	1470	rBV3	73635	100665	2.34%	0.165%
34	10.995	1470	1472	1474	rVV2	80384	65810	1.53%	0.108%

LSC Area Percent Report

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Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.083	1483	1487	1491	rBV3	102529	150404	3.49%	0.247%
36	11.124	1491	1494	1506	rVB	432046	417970	9.70%	0.686%
37	11.230	1508	1512	1514	rBV	896541	928577	21.56%	1.524%
38	11.260	1514	1517	1520	rVV	4266290	4307499	100.00%	7.071%
39	11.307	1520	1525	1528	rVV	2316813	2214457	51.41%	3.635%
40	11.336	1528	1530	1534	rVB	188517	159057	3.69%	0.261%
41	11.460	1545	1551	1554	rBV	793694	801800	18.61%	1.316%
42	11.524	1559	1562	1566	rVV3	72288	86338	2.00%	0.142%
43	11.642	1579	1582	1587	rVB	66198	73224	1.70%	0.120%
44	11.730	1592	1597	1599	rBV	463000	410315	9.53%	0.674%
45	11.760	1599	1602	1606	rVB	678975	588298	13.66%	0.966%
46	11.807	1606	1610	1613	rBV	356066	315077	7.31%	0.517%
47	11.842	1613	1616	1618	rBV	857770	814413	18.91%	1.337%
48	11.866	1618	1620	1624	rVB	297405	234591	5.45%	0.385%
49	12.024	1644	1647	1650	rBV	379269	281561	6.54%	0.462%
50	12.171	1667	1672	1675	rBV3	102196	118558	2.75%	0.195%
51	12.207	1675	1678	1680	rVV	79721	75113	1.74%	0.123%
52	12.230	1680	1682	1684	rVB	87481	70900	1.65%	0.116%
53	12.277	1684	1690	1694	rBV	209977	279257	6.48%	0.458%
54	12.318	1694	1697	1699	rVV	135041	157986	3.67%	0.259%
55	12.365	1702	1705	1710	rVB4	88251	136360	3.17%	0.224%
56	12.448	1713	1719	1722	rBV	3653437	3872126	89.89%	6.356%
57	12.495	1722	1727	1731	rBV2	80455	117127	2.72%	0.192%
58	12.589	1736	1743	1748	rBV2	201419	297105	6.90%	0.488%
59	12.671	1751	1757	1760	rBV2	3369035	4161297	96.61%	6.831%
60	12.713	1762	1764	1771	rVB3	190368	238919	5.55%	0.392%
61	12.783	1773	1776	1778	rBV	269528	231841	5.38%	0.381%
62	12.813	1778	1781	1788	rVB2	2087772	1864111	43.28%	3.060%
63	12.889	1788	1794	1796	rBV3	208153	363540	8.44%	0.597%
64	12.912	1796	1798	1800	rVB	129484	104457	2.43%	0.171%
65	12.948	1800	1804	1805	rBV2	70337	70194	1.63%	0.115%
66	12.971	1805	1808	1809	rBV2	132508	118614	2.75%	0.195%
67	12.995	1809	1812	1815	rVB	699949	614603	14.27%	1.009%
68	13.024	1815	1817	1820	rBV3	52314	65862	1.53%	0.108%
69	13.060	1820	1823	1826	rBV	754138	615256	14.28%	1.010%
70	13.095	1826	1829	1832	rBV	340551	316643	7.35%	0.520%
71	13.124	1832	1834	1837	rVB2	83269	71287	1.65%	0.117%

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Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.189	1842	1845	1847	rVB	159239	131221	3.05%	0.215%
73	13.218	1847	1850	1856	rBV2	181528	205965	4.78%	0.338%
74	13.348	1869	1872	1874	rBV	77941	63428	1.47%	0.104%
75	13.395	1878	1880	1882	rBV2	75021	73812	1.71%	0.121%
76	13.471	1890	1893	1896	rBV2	91970	135903	3.16%	0.223%
77	13.607	1912	1916	1919	rBV	278002	329411	7.65%	0.541%
78	13.636	1919	1921	1923	rVV	349157	284682	6.61%	0.467%
79	13.660	1923	1925	1931	rVV3	254855	407106	9.45%	0.668%
80	13.718	1933	1935	1939	rVB2	117166	142363	3.31%	0.234%
81	13.854	1951	1958	1961	rBV3	2321222	3310257	76.85%	5.434%
82	13.889	1961	1964	1969	rVB	1936999	1810756	42.04%	2.972%
83	13.965	1974	1977	1980	rVB	389239	321645	7.47%	0.528%
84	14.042	1987	1990	1993	rVB	234378	208449	4.84%	0.342%
85	14.077	1993	1996	2000	rBV2	212720	244300	5.67%	0.401%
86	14.207	2016	2018	2020	rVV2	107066	95969	2.23%	0.158%
87	14.242	2021	2024	2027	rVV	321044	343024	7.96%	0.563%
88	14.277	2027	2030	2033	rVV	164499	164042	3.81%	0.269%
89	14.336	2037	2040	2043	rVV3	232520	284598	6.61%	0.467%
90	14.365	2043	2045	2047	rVV2	178274	184663	4.29%	0.303%
91	14.389	2047	2049	2052	rVB2	228305	205591	4.77%	0.337%
92	14.712	2102	2104	2108	rVB2	126608	130318	3.03%	0.214%
93	14.871	2126	2131	2134	rBV	1176704	1817279	42.19%	2.983%
94	14.965	2144	2147	2152	rVB	326299	375282	8.71%	0.616%
95	15.154	2175	2179	2184	rVB	665385	825506	19.16%	1.355%
96	15.212	2184	2189	2194	rVV	1064021	1256047	29.16%	2.062%
97	15.265	2194	2198	2201	rVV	698610	890993	20.68%	1.463%
98	15.295	2201	2203	2210	rVB2	335245	493950	11.47%	0.811%
99	16.618	2423	2428	2437	rVB2	348956	623184	14.47%	1.023%
100	17.024	2492	2497	2508	rVB	245692	465896	10.82%	0.765%

Sum of corrected areas: 60918400

LSC Report - Integrated Chromatogram

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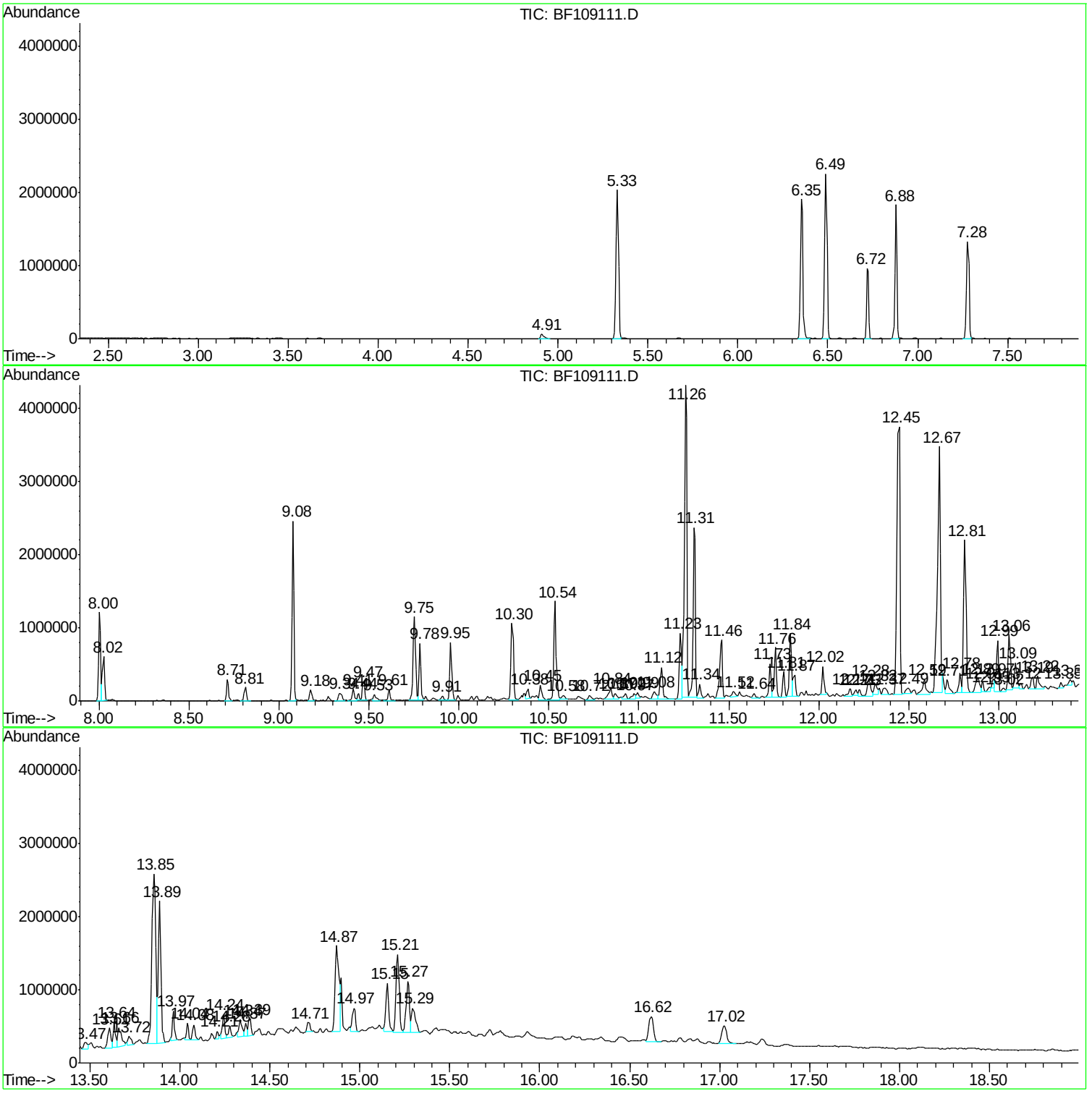
Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109111.D
Acq On : 18 Sep 2018 22:17
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Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

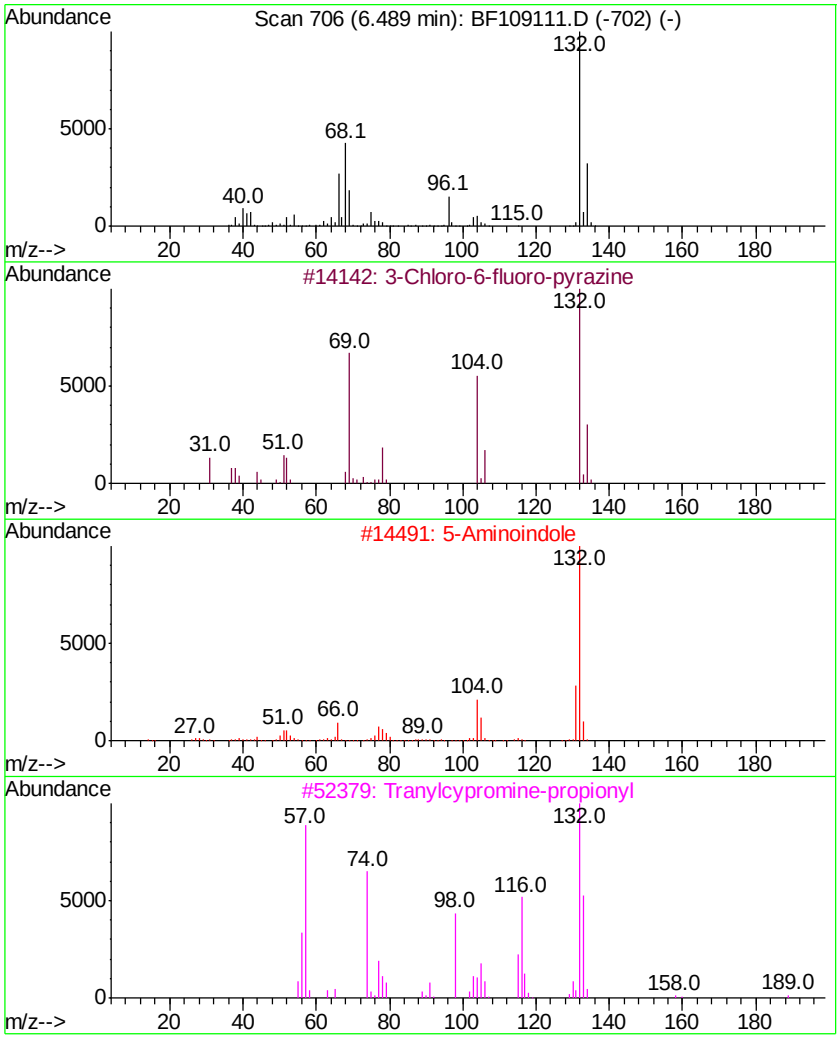
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

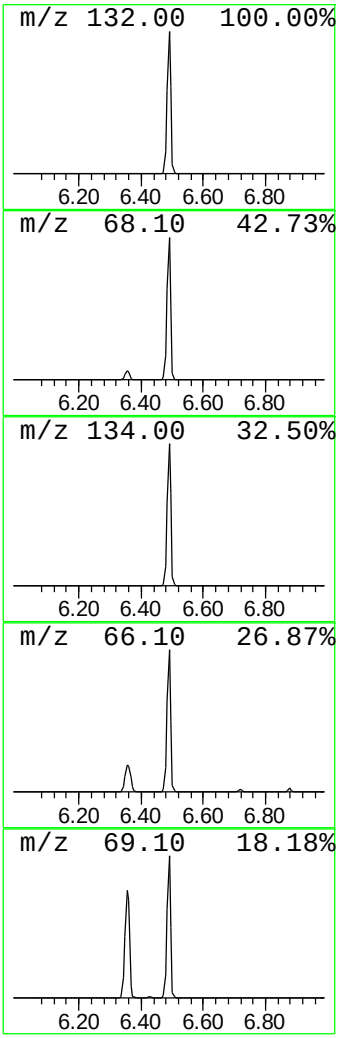
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	44.51 ng	1915290	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

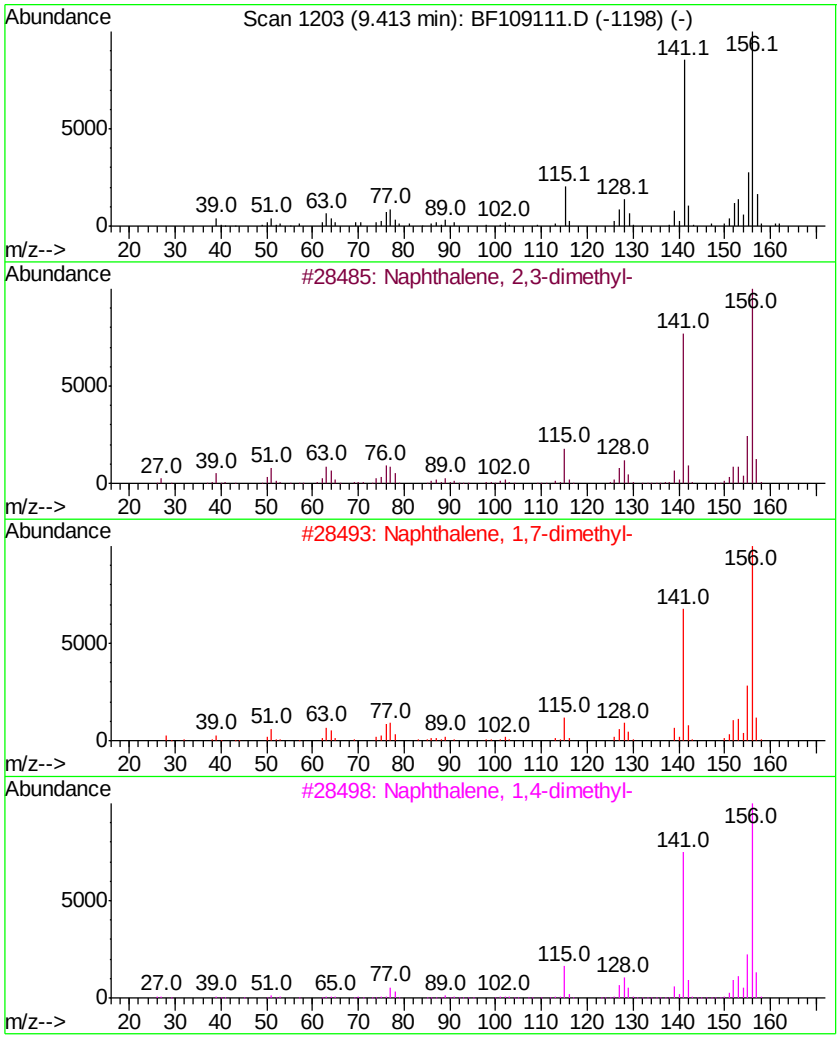
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

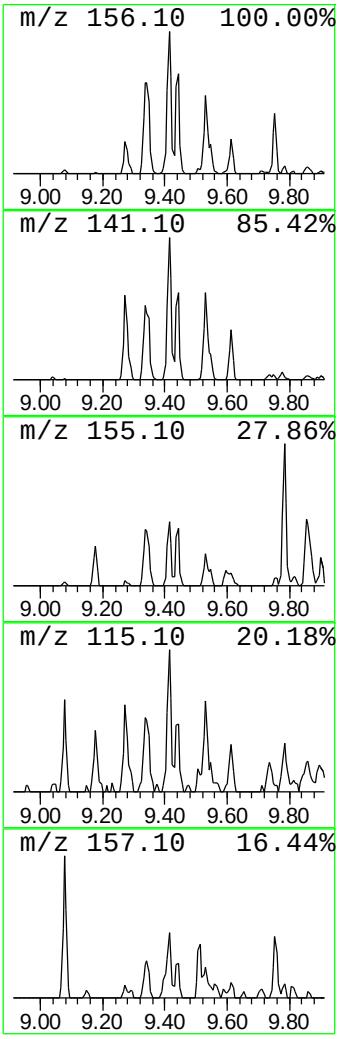
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.00 ng	152758	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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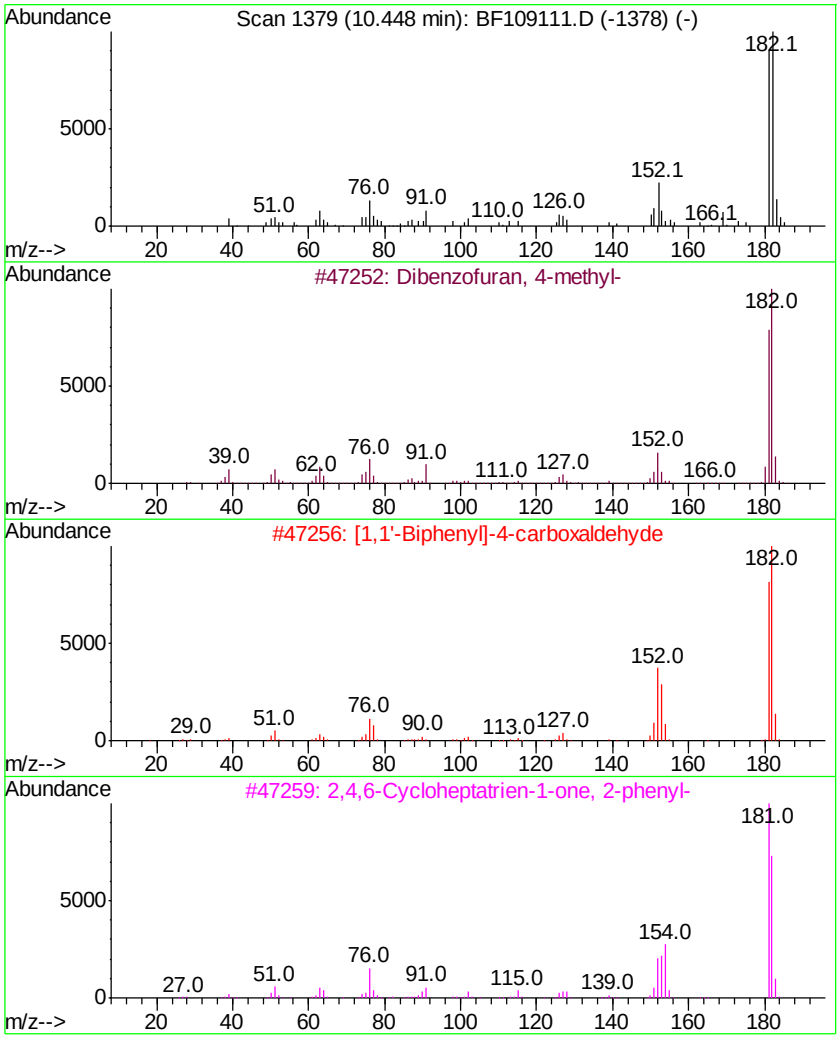
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

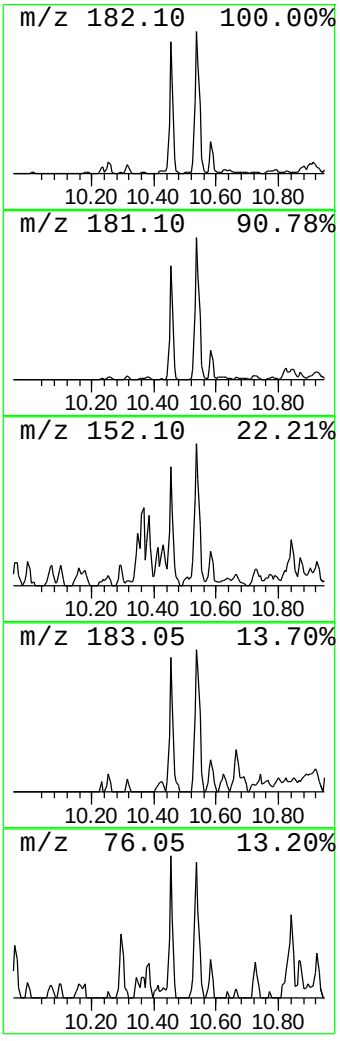
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.43 ng	174636	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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ClientSampleId : BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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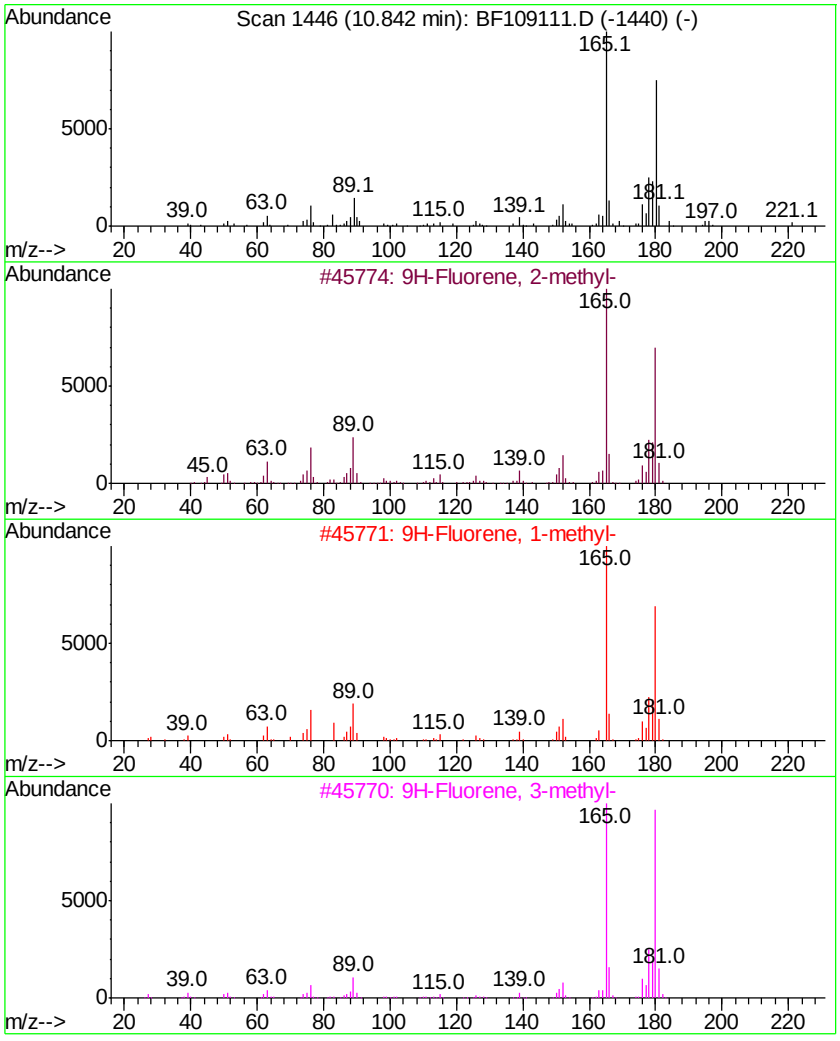
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

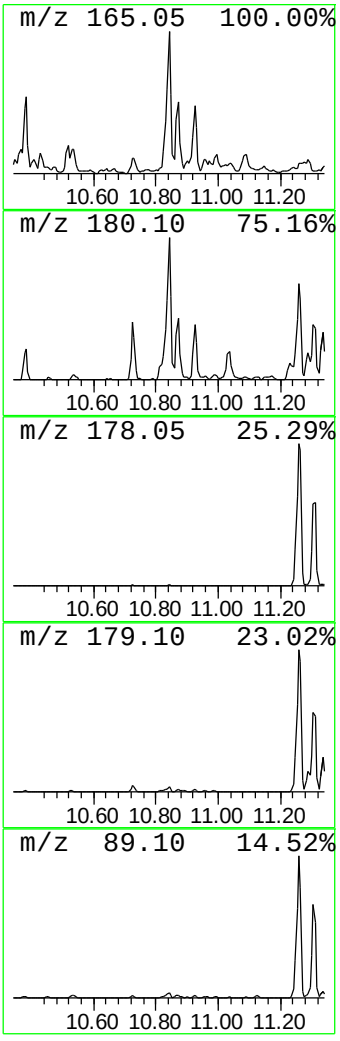
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.25 ng	197381	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89





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Misc :
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Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

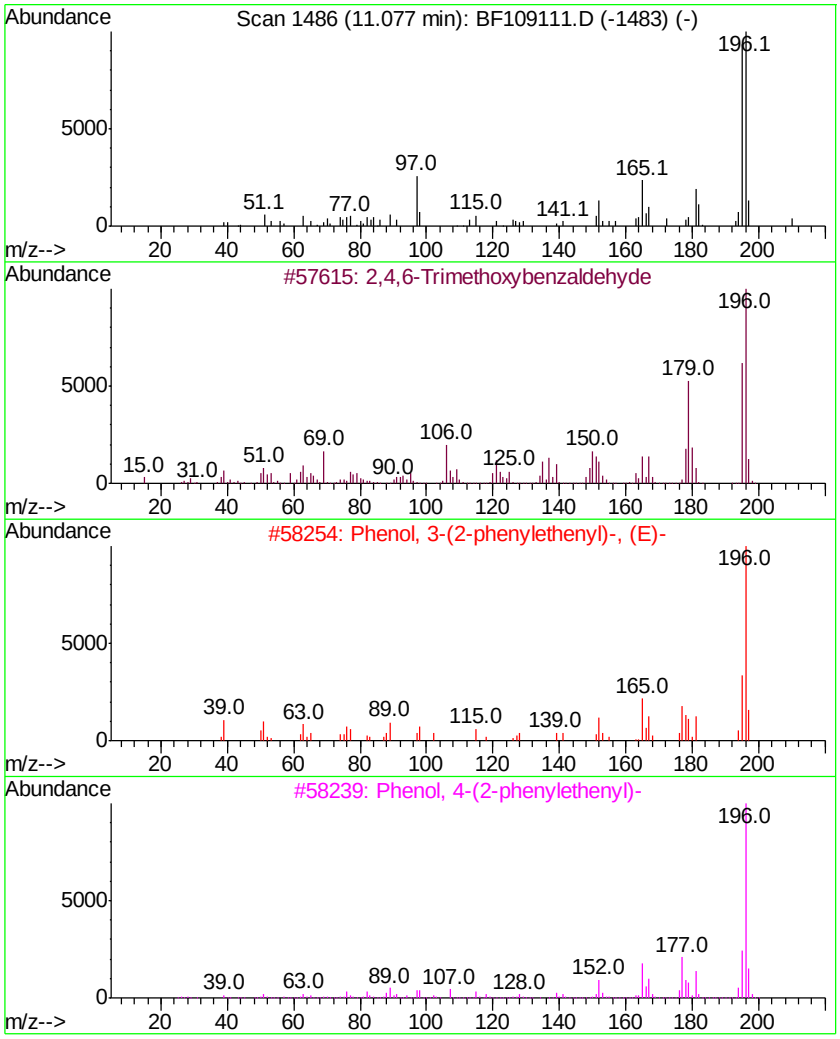
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

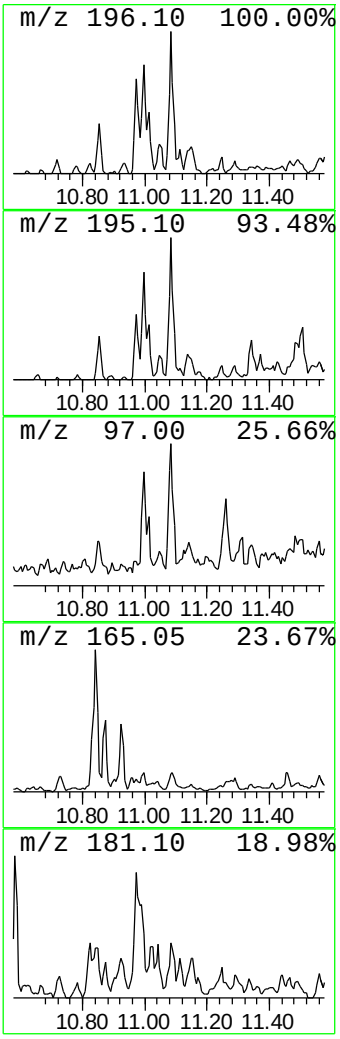
****

Peak Number 6 2,4,6-Trimethoxybenzaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	3.24 ng	150404	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	60
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47





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Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
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Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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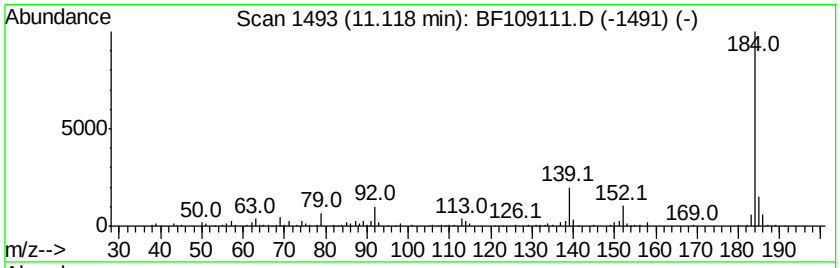
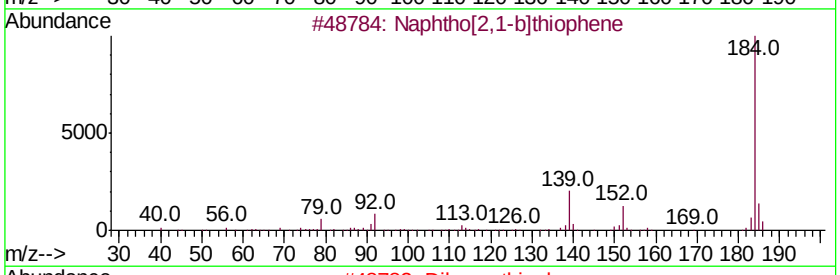
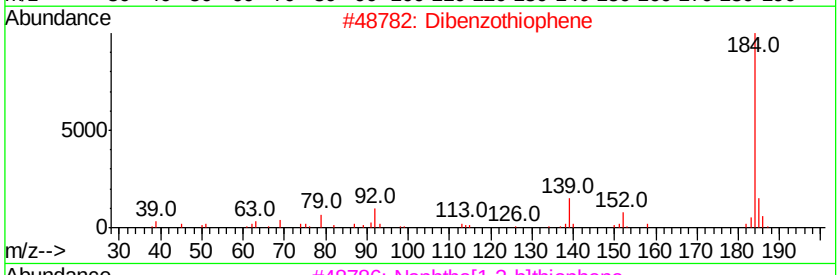
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 6

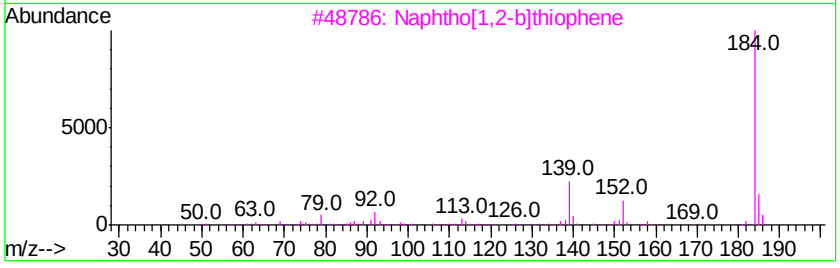
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	9.00 ng	417970	Phenanthrene-d10	11.23

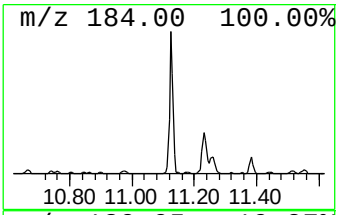
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91

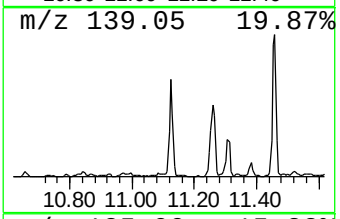


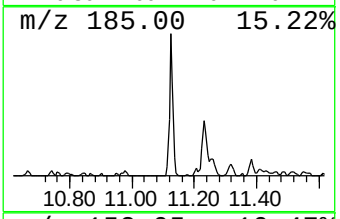


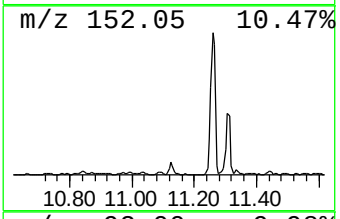


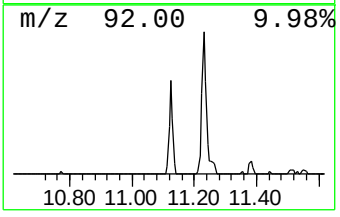












Library Search Compound Report

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Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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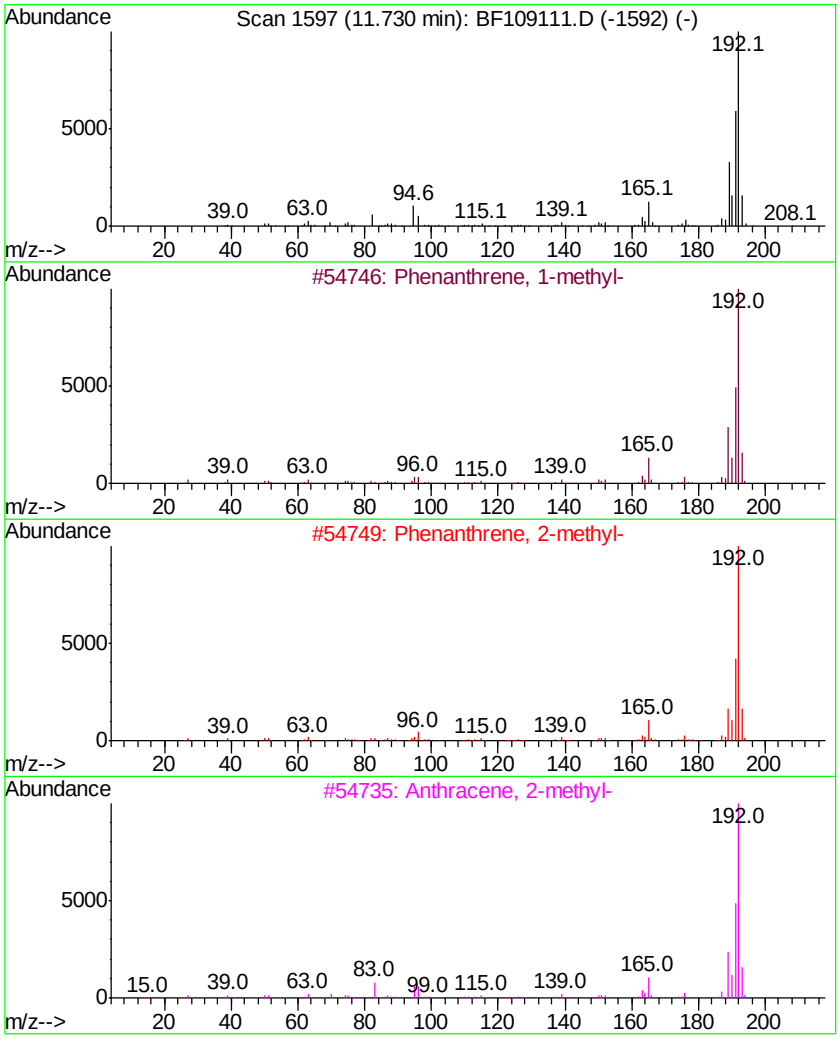
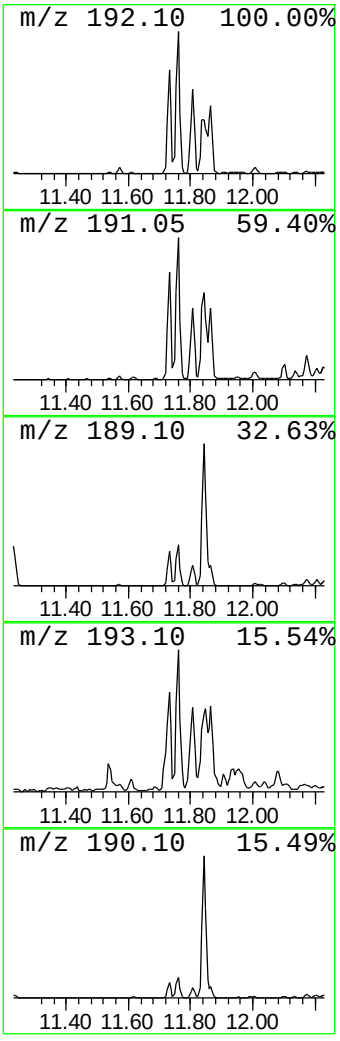
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.84 ng	410315	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

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Sample : J4959-01
Misc :
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Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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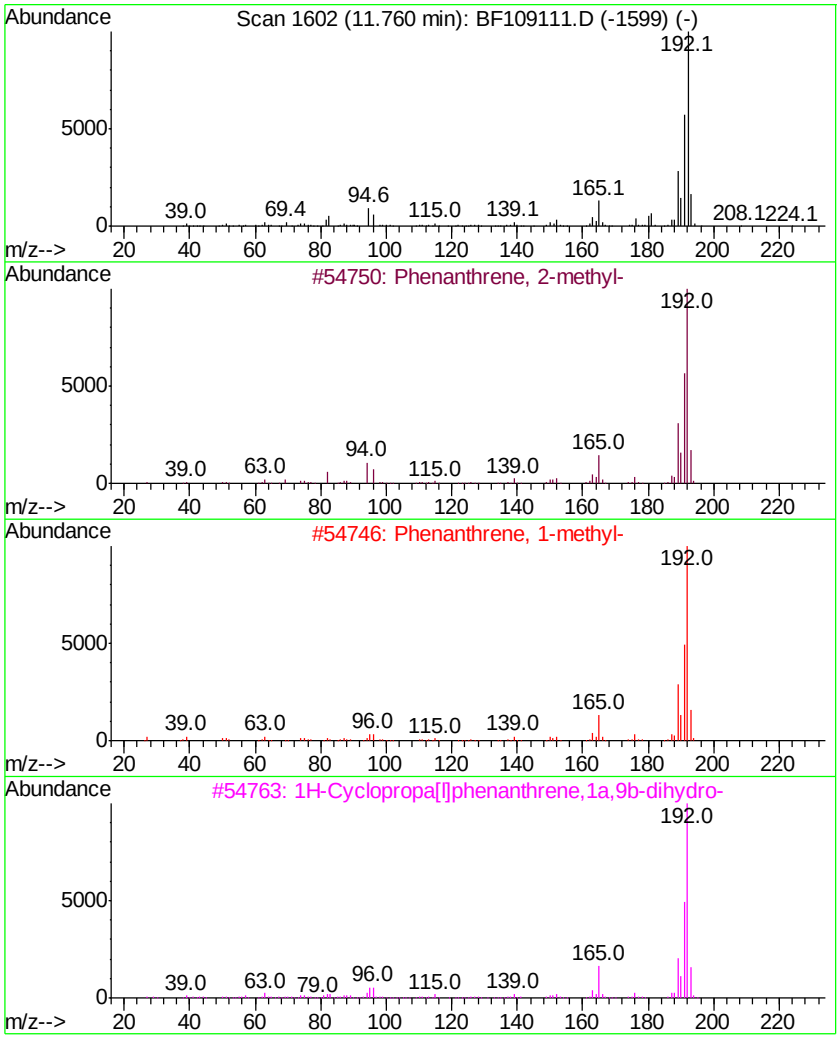
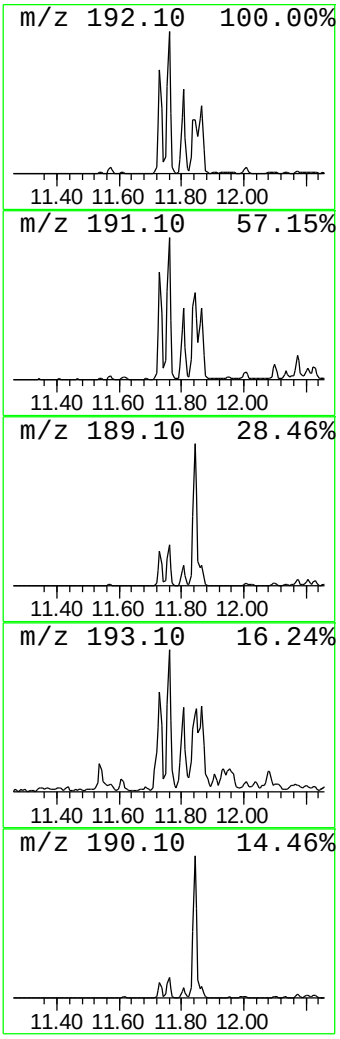
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	12.67 ng	588298	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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

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Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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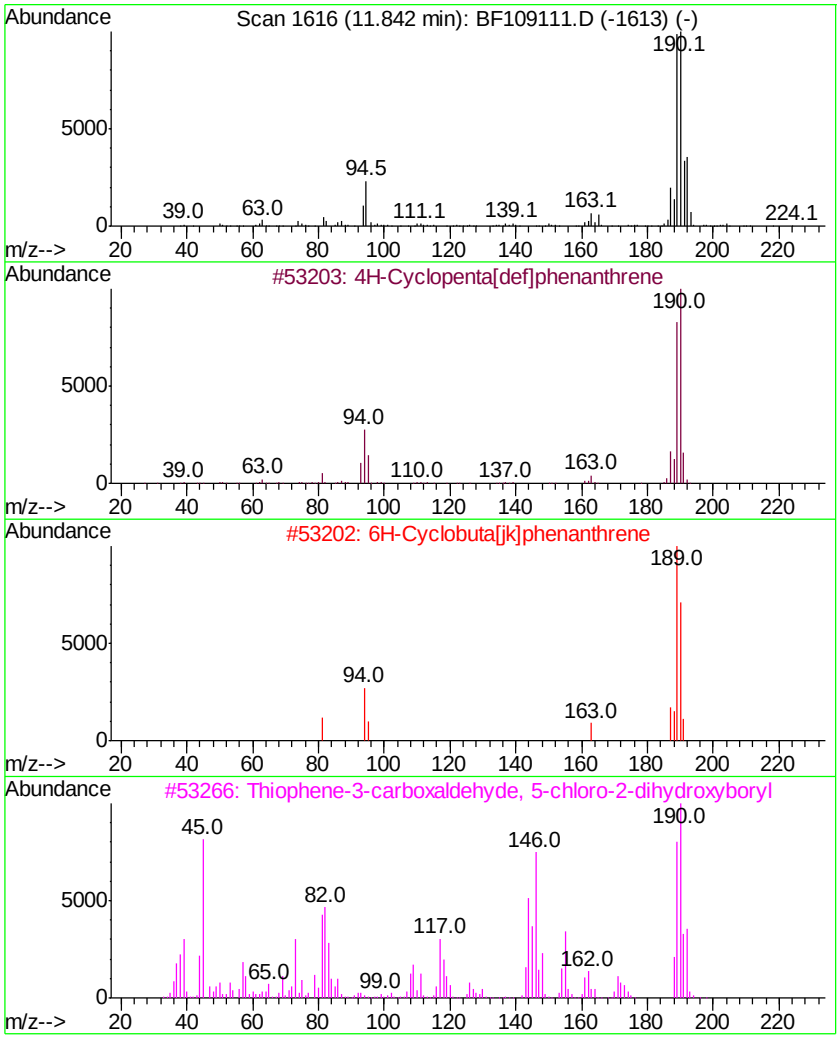
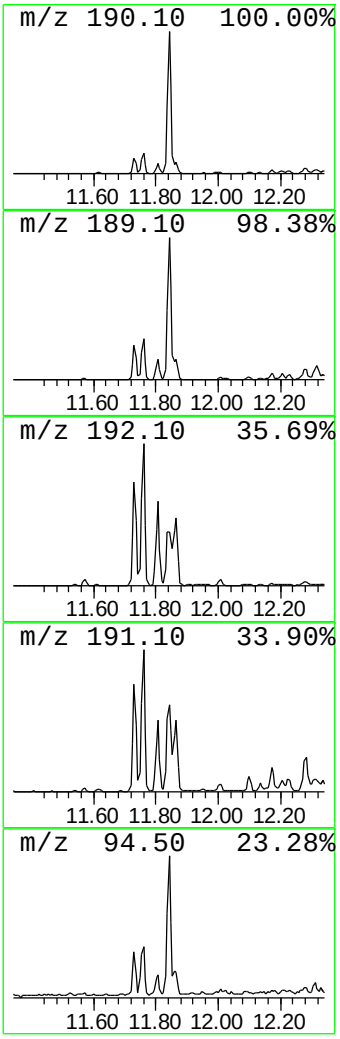
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	17.54 ng	814413	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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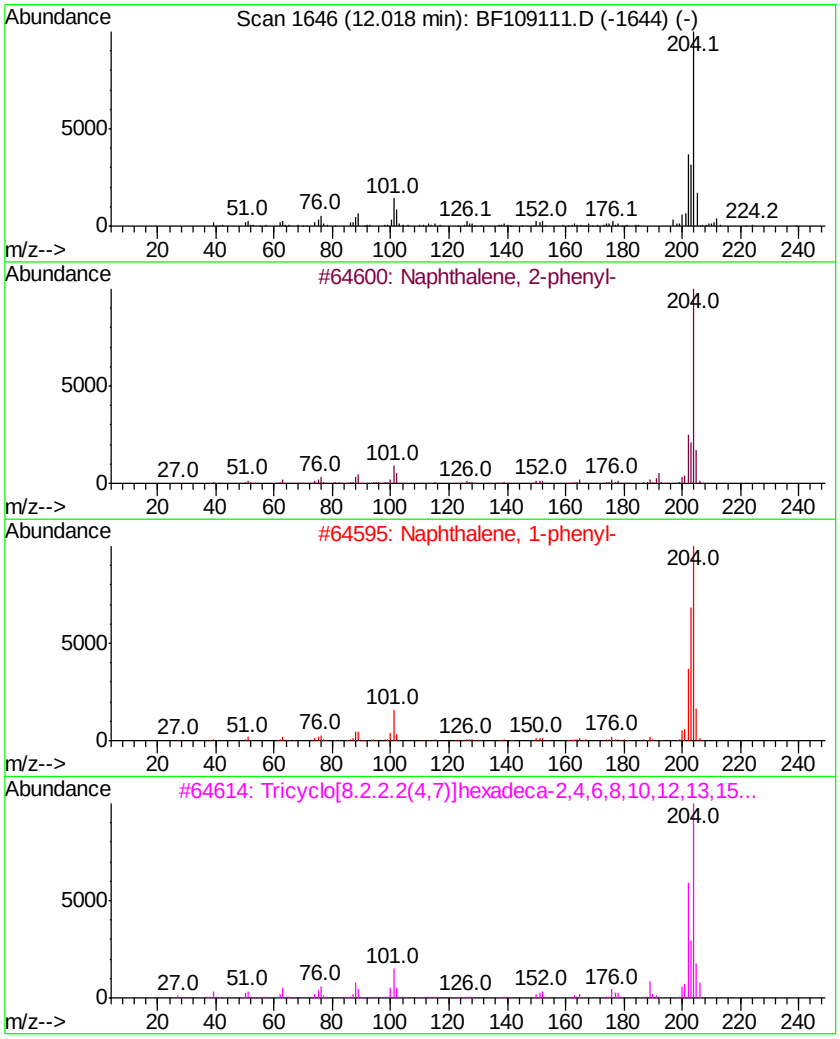
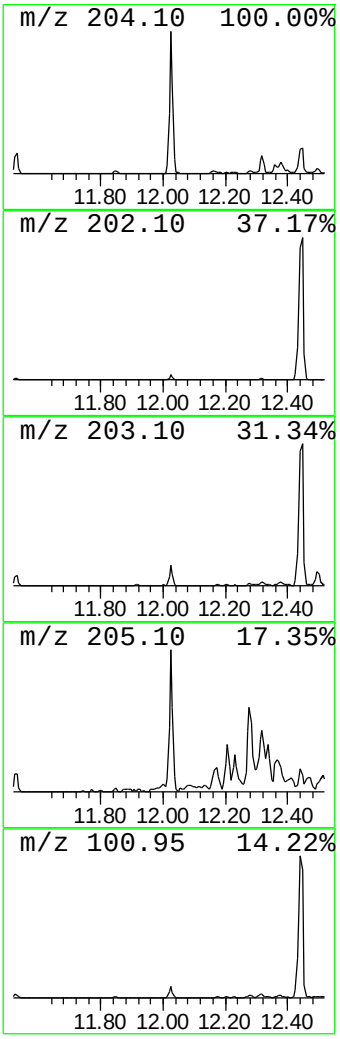
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.06 ng	281561	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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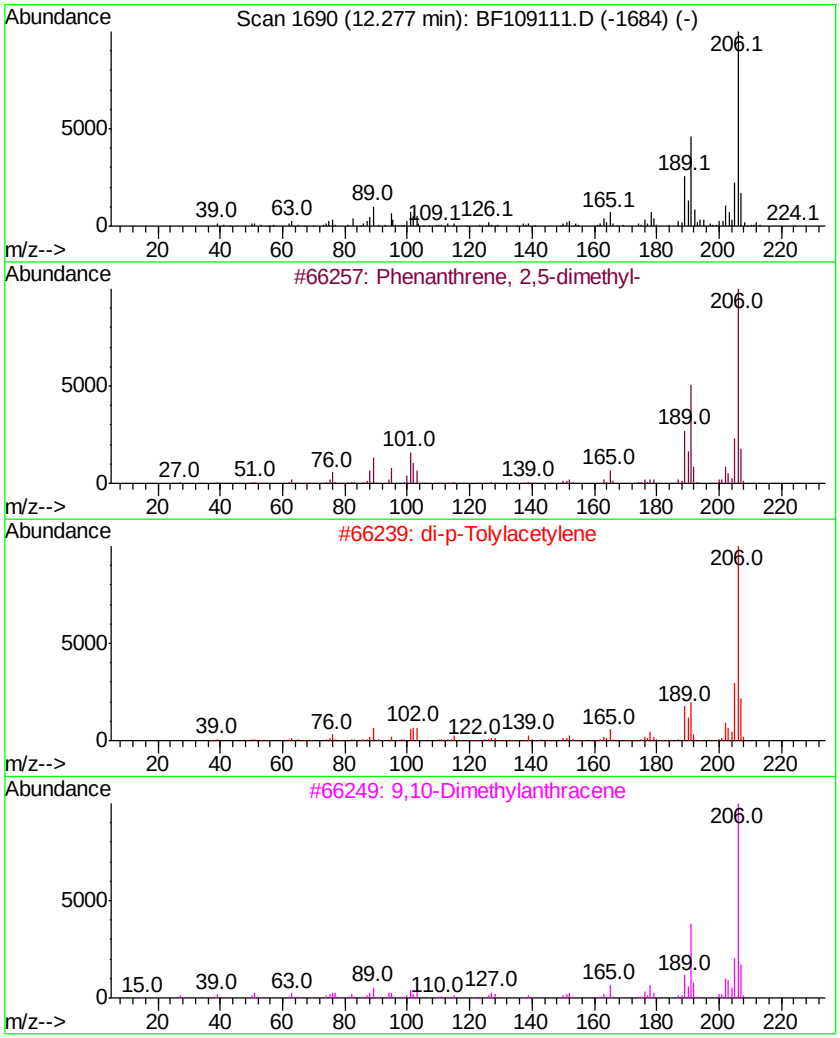
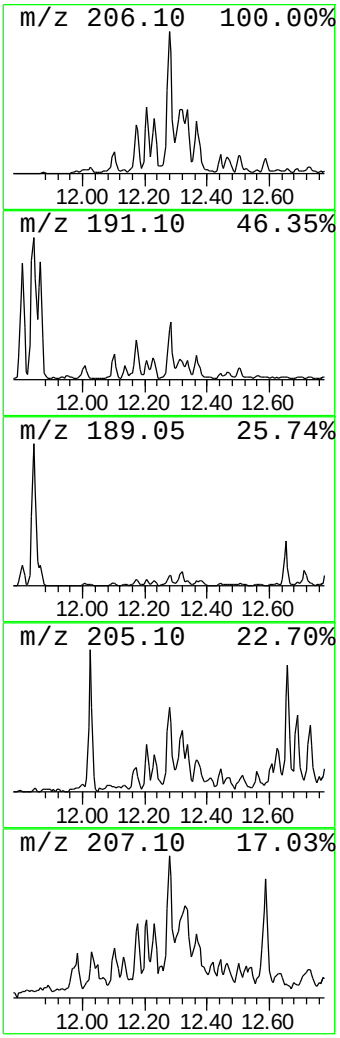
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	6.01 ng	279257	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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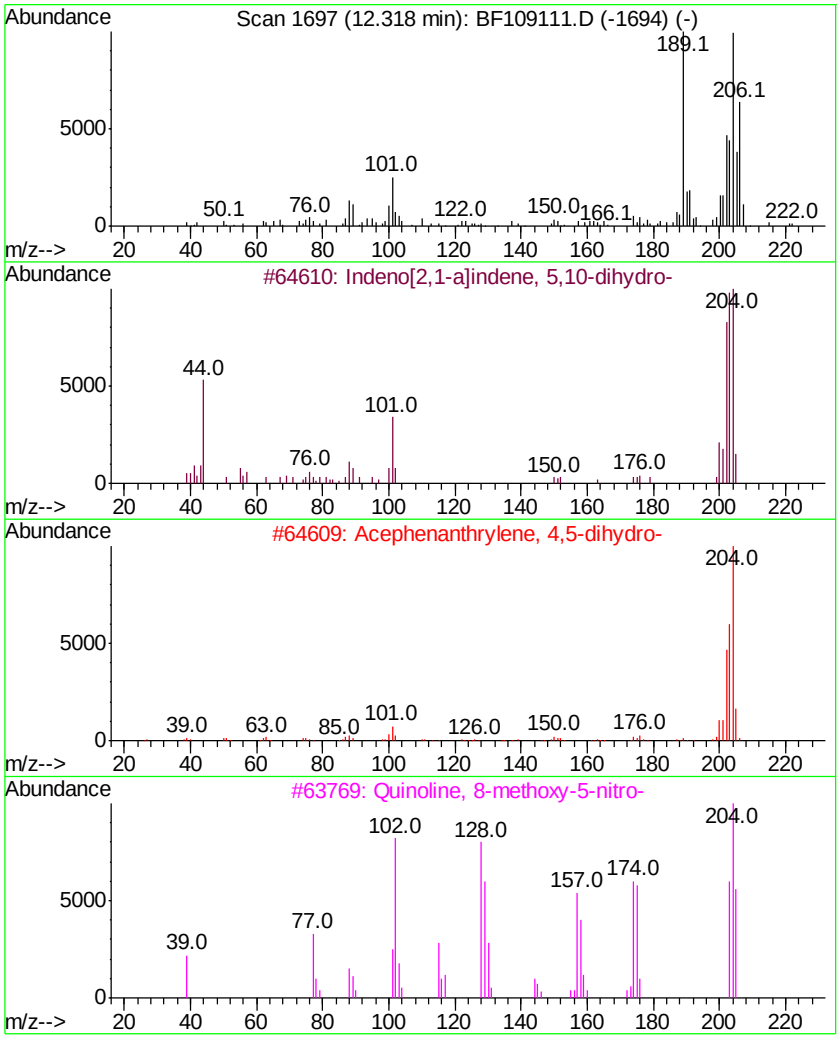
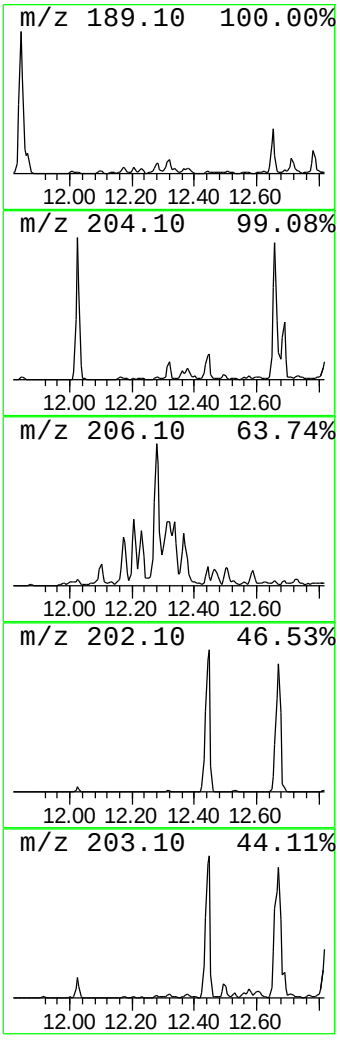
Peak Number 15 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.40 ng	157986	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	51
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	Tetramisole	204	C11H12N2S	005036-02-2	30





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Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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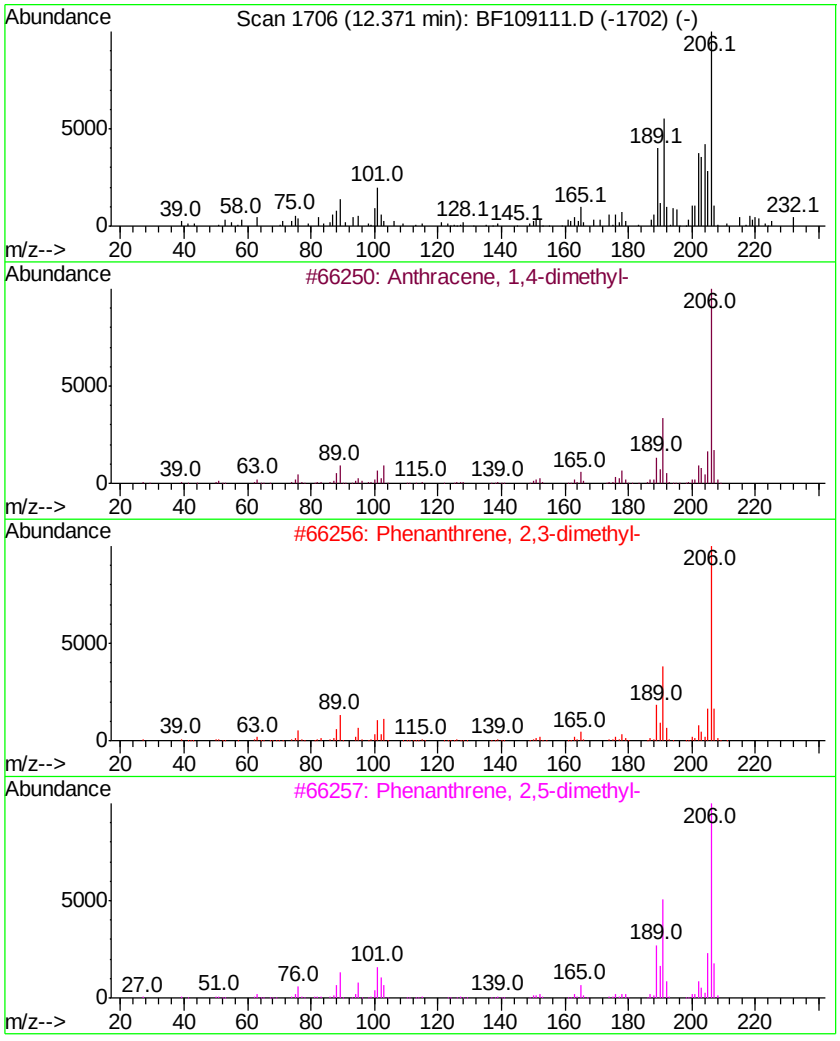
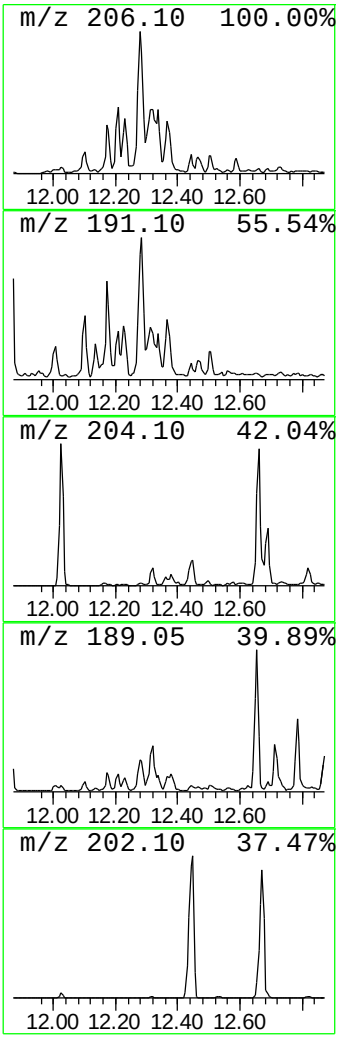
Peak Number 16 Anthracene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.94 ng	136360	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
4	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





Library Search Compound Report

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Sample : J4959-01
Misc :
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Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

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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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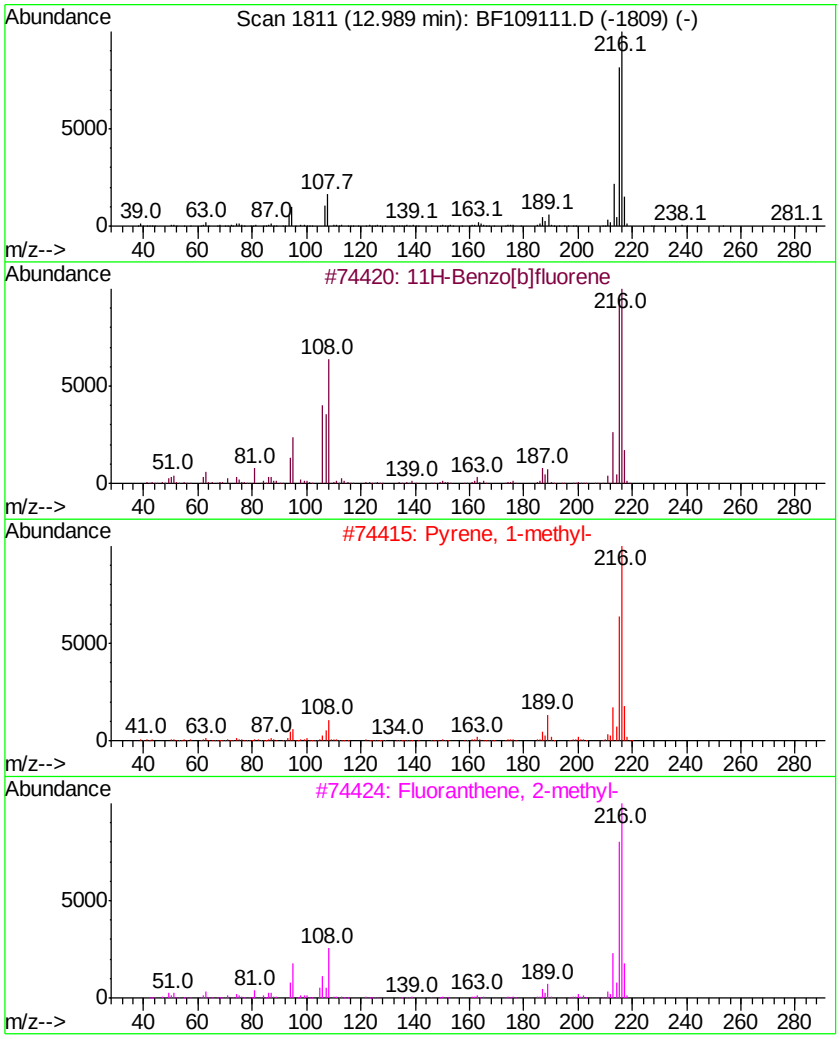
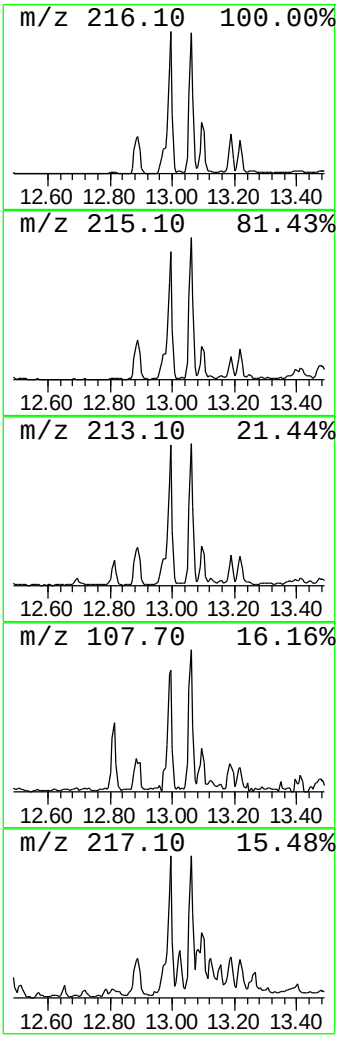
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.71 ng	614603	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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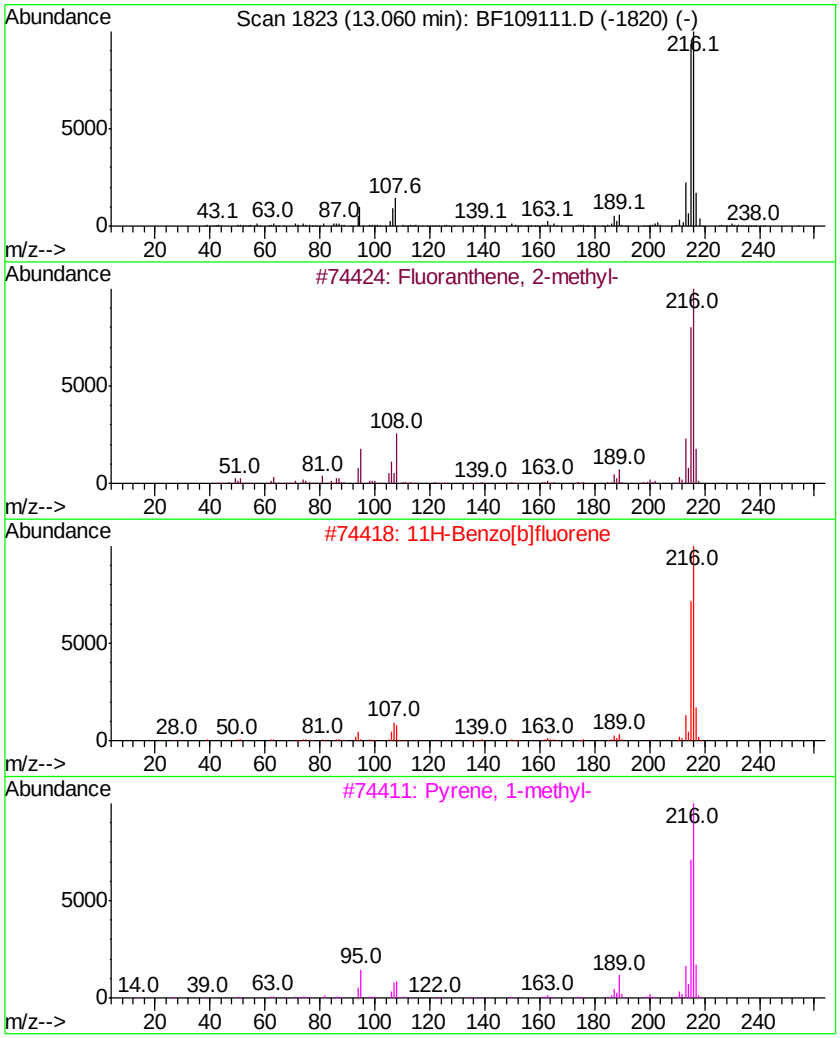
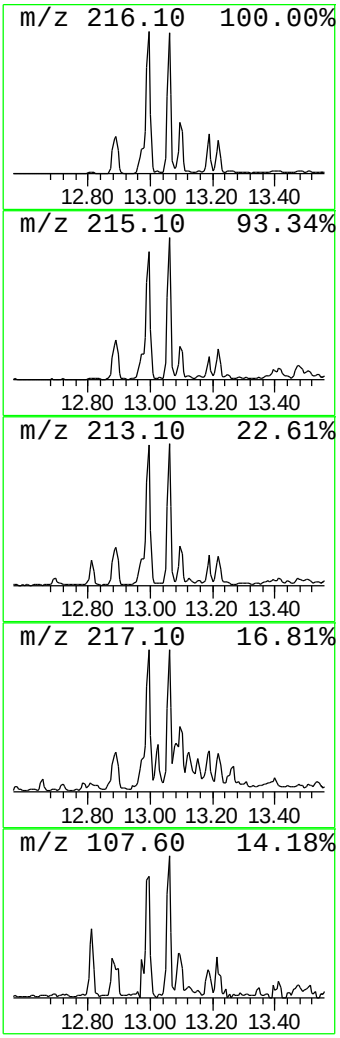
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.72 ng	615256	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109111.D
Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

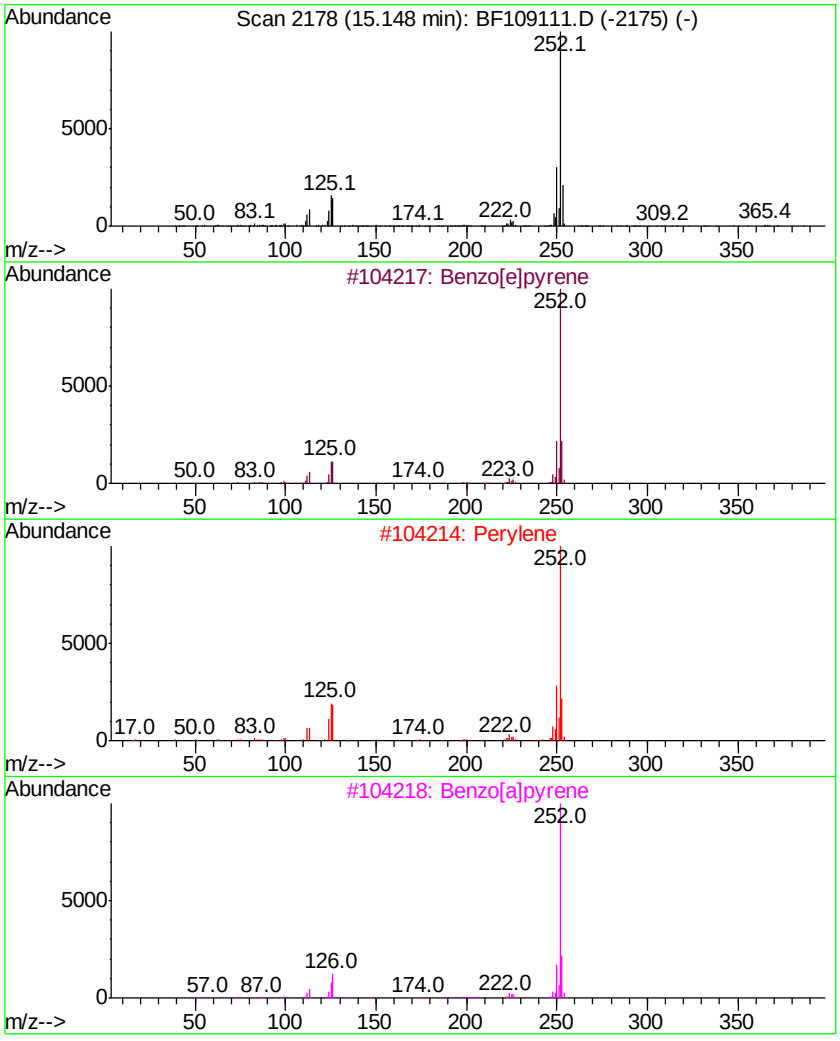
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

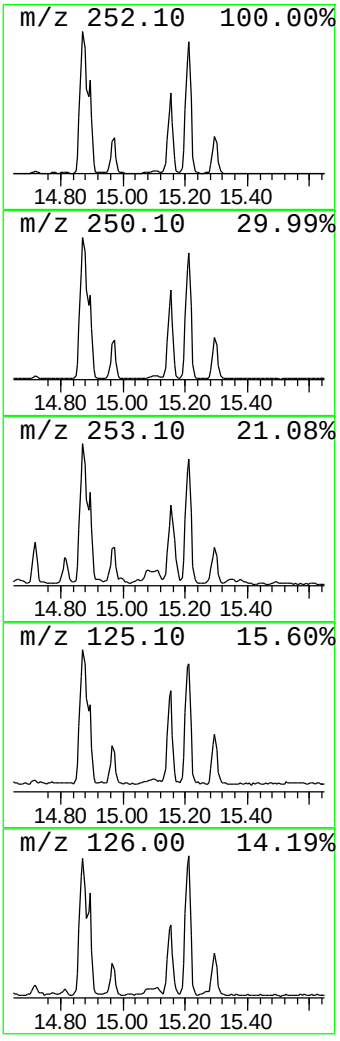
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	18.53 ng	825506	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091818\
Data File : BF109111.D
Acq On : 18 Sep 2018 22:17
Operator : JU/SJ
Sample : J4959-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACKFILL-SW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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	44.5	ng	1915290	1	6.72	860519	20.0
Naphthalene, 2,3-...	9.41	3.0	ng	152758	3	9.75	1017420	20.0
Dibenzofuran, 4-m...	10.45	3.4	ng	174636	3	9.75	1017420	20.0
9H-Fluorene, 2-me...	10.84	4.3	ng	197381	4	11.23	928577	20.0
2,4,6-Trimethoxyb...	11.08	3.2	ng	150404	4	11.23	928577	20.0
Naphtho[2,1-b]thi...	11.12	9.0	ng	417970	4	11.23	928577	20.0
Phenanthrene, 1-m...	11.73	8.8	ng	410315	4	11.23	928577	20.0
Phenanthrene, 2-m...	11.76	12.7	ng	588298	4	11.23	928577	20.0
4H-Cyclopenta[def...	11.84	17.5	ng	814413	4	11.23	928577	20.0
Naphthalene, 2-ph...	12.02	6.1	ng	281561	4	11.23	928577	20.0
Phenanthrene, 2,5...	12.28	6.0	ng	279257	4	11.23	928577	20.0
Indeno[2,1-a]inde...	12.32	3.4	ng	157986	4	11.23	928577	20.0
Anthracene, 1,4-d...	12.37	2.9	ng	136360	4	11.23	928577	20.0
11H-Benzo[b]fluorene	12.99	3.7	ng	614603	5	13.87	3310260	20.0
Fluoranthene, 2-m...	13.06	3.7	ng	615256	5	13.87	3310260	20.0
Benzo[e]pyrene	15.15	18.5	ng	825506	6	15.27	890993	20.0