LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

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-BF061020.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	5.404	560	564	568	rBV	2497486	2535941	20.14%	1.292%
2	6.434	734	739	748	rVB	2799516	2767066	21.98%	1.410%
3	6.798	797	801	807	rVB	972445	849857	6.75%	0.433%
4	6.951	823	827	831	rBV	2783800	2415491	19.19%	1.231%
5	7.357	890	896	899	rBV	1869710	1835022	14.58%	0.935%
6	8.081	1013	1019	1021	rBV	1214360	1132087	8.99%	0.577%
7	9.157	1197	1202	1205	rBV	3975237	3466355	27.53%	1.767%
8	9.692	1290	1293	1297	rVB	1400112	1182794	9.39%	0.603%
9	9.833	1307	1317	1320	rBV	1516676	1384662	11.00%	0.706%
10	9.863	1320	1322	1326	rVV	581083	511254	4.06%	0.261%
11	10.039	1348	1352	1355	rVV	808151	750774	5.96%	0.383%
12	10.380	1407	1410	1415	rVB	1362618	1261483	10.02%	0.643%
13	10.539	1434	1437	1440	rVV	598383	530146	4.21%	0.270%
14	10.622	1443	1451	1455	rVV	2627487	2920518	23.20%	1.488%
15	10.927	1497	1503	1506	rBV4	460078	643802	5.11%	0.328%
16	11.057	1520	1525	1527	rBV3	498874	535287	4.25%	0.273%
17	11.080	1527	1529	1534	rVV	441290	505527	4.02%	0.258%
18	11.127	1534	1537	1541	rVV	783786	680255	5.40%	0.347%
19	11.169	1541	1544	1548	rVV2	469404	648027	5.15%	0.330%
20	11.216	1548	1552	1558	rVB	945024	970905	7.71%	0.495%
21	11.363	1571	1577	1579	rVB	5993026	8616884	68.44%	4.392%
22	11.398	1579	1583	1586	rVB	2112252	2009756	15.96%	1.024%
23	11.427	1586	1588	1592	rVB2	532156	475137	3.77%	0.242%
24	11.551	1603	1609	1612	rBV2	1390059	1710466	13.59%	0.872%
25	11.616	1617	1620	1624	rVB2	492164	396841	3.15%	0.202%
26	11.651	1624	1626	1631	rVB4	328431	366808	2.91%	0.187%
27	11.827	1650	1656	1658	rBV	1769628	1894280	15.05%	0.965%
28	11.857	1658	1661	1664	rVB	2411415	2193263	17.42%	1.118%
29	11.898	1664	1668	1671	rVB	728157	692504	5.50%	0.353%
30	11.939	1671	1675	1677	rBV	2864216	3130230	24.86%	1.595%
31	11.957	1677	1678	1683	rVB	1416972	1153371	9.16%	0.588%
32	12.121	1703	1706	1708	rBV	1376362	1139399	9.05%	0.581%
33	12.151	1708	1711	1715	rVB	1979446	2045746	16.25%	1.043%
34	12.269	1726	1731	1734	rBV	510588	611813	4.86%	0.312%

LSC Area Percent Report

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Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.374	1744	1749	1752	rBV	1020085	1237222	9.83%	0.631%
36	12.416	1752	1756	1758	rVV2	612732	801797	6.37%	0.409%
37	12.474	1762	1766	1772	rVB2	1015135	1365960	10.85%	0.696%
38	12.563	1772	1781	1783	rBV	6358879	11775437	93.53%	6.001%
39	12.604	1786	1788	1791	rVB	470657	386728	3.07%	0.197%
40	12.639	1791	1794	1797	rVB	1299498	1244266	9.88%	0.634%
41	12.686	1797	1802	1805	rBV2	1301475	1592600	12.65%	0.812%
42	12.792	1812	1820	1822	rBV3	6188575	12590102	100.00%	6.416%
43	12.821	1822	1825	1829	rVB2	1029010	1152928	9.16%	0.588%
44	12.886	1832	1836	1838	rBV	1337428	1451773	11.53%	0.740%
45	12.916	1838	1841	1847	rVB2	4043102	5113962	40.62%	2.606%
46	12.992	1847	1854	1857	rBV3	1225945	2261846	17.97%	1.153%
47	13.074	1865	1868	1870	rBV2	1128376	1347516	10.70%	0.687%
48	13.098	1870	1872	1875	rVB	2276024	2262752	17.97%	1.153%
49	13.133	1875	1878	1880	rBV2	382445	449677	3.57%	0.229%
50	13.168	1880	1884	1886	rBV	1728060	1537271	12.21%	0.783%
51	13.204	1886	1890	1893	rBV2	1804067	2060287	16.36%	1.050%
52	13.257	1897	1899	1902	rBV	434433	398497	3.17%	0.203%
53	13.298	1902	1906	1908	rBV	905778	881848	7.00%	0.449%
54	13.327	1908	1911	1914	rBV2	1036542	1056447	8.39%	0.538%
55	13.498	1933	1940	1941	rBV5	511952	964286	7.66%	0.491%
56	13.515	1941	1943	1946	rVV2	610084	707542	5.62%	0.361%
57	13.580	1951	1954	1956	rVV	498358	648863	5.15%	0.331%
58	13.610	1956	1959	1963	rVV	1288991	1579526	12.55%	0.805%
59	13.663	1966	1968	1971	rVV2	350349	438989	3.49%	0.224%
60	13.715	1973	1977	1979	rVV	1327971	1613698	12.82%	0.822%
61	13.745	1979	1982	1984	rVV	1809653	1959227	15.56%	0.999%
62	13.774	1984	1987	1992	rVV3	1546500	2653702	21.08%	1.352%
63	13.821	1992	1995	2001	rVV	1401852	1785448	14.18%	0.910%
64	13.886	2001	2006	2009	rVV	427539	757977	6.02%	0.386%
65	13.968	2012	2020	2024	rVV3	4633445	10173492	80.81%	5.185%
66	14.010	2024	2027	2032	rVV	5056211	6643335	52.77%	3.386%
67	14.057	2032	2035	2036	rVV2	390230	441744	3.51%	0.225%
68	14.080	2036	2039	2043	rVV	1617810	1824262	14.49%	0.930%
69	14.115	2043	2045	2048	rVV	1066271	1295766	10.29%	0.660%
70	14.163	2051	2053	2055	rVV	755785	751567	5.97%	0.383%
71	14.198	2055	2059	2062	rVV2	1040667	1630148	12.95%	0.831%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.227	2062	2064	2067	rVV2	546008	590179	4.69%	0.301%
73	14.286	2071	2074	2076	rVV2	362275	416146	3.31%	0.212%
74	14.315	2076	2079	2081	rVV	708965	802604	6.37%	0.409%
75	14.357	2081	2086	2089	rVV	1832657	2355935	18.71%	1.201%
76	14.392	2089	2092	2096	rVV2	1087547	1517946	12.06%	0.774%
77	14.451	2096	2102	2104	rVV3	870200	1608641	12.78%	0.820%
78	14.480	2104	2107	2109	rVV2	1146229	1264263	10.04%	0.644%
79	14.504	2109	2111	2114	rVV2	1113048	1029870	8.18%	0.525%
80	14.551	2114	2119	2124	rVV3	592790	931977	7.40%	0.475%
81	14.668	2135	2139	2141	rBV	568323	708889	5.63%	0.361%
82	14.845	2165	2169	2176	rVB2	634213	852188	6.77%	0.434%
83	15.021	2191	2199	2202	rBV	4006458	9364491	74.38%	4.773%
84	15.074	2205	2208	2211	rVV2	368280	518285	4.12%	0.264%
85	15.115	2211	2215	2218	rVB	1260835	1360080	10.80%	0.693%
86	15.192	2225	2228	2230	rBV3	396645	561513	4.46%	0.286%
87	15.309	2242	2248	2254	rVV	2651692	4558528	36.21%	2.323%
88	15.380	2254	2260	2264	rVB	3639368	6009703	47.73%	3.063%
89	15.427	2264	2268	2270	rBV	914195	1112368	8.84%	0.567%
90	15.462	2270	2274	2279	rVB2	1704381	2397222	19.04%	1.222%
91	15.592	2292	2296	2299	rBV3	272968	488618	3.88%	0.249%
92	15.768	2323	2326	2333	rVB2	250127	369331	2.93%	0.188%
93	15.968	2356	2360	2364	rVB2	363887	458449	3.64%	0.234%
94	16.668	2473	2479	2482	rBV2	373032	778582	6.18%	0.397%
95	16.886	2504	2516	2520	rVB	2242759	5648044	44.86%	2.878%
96	16.933	2520	2524	2533	rVB	283139	477513	3.79%	0.243%
97	17.027	2534	2540	2545	rBV	573285	1223341	9.72%	0.623%
98	17.092	2545	2551	2556	rBV2	498732	983455	7.81%	0.501%
99	17.327	2578	2591	2599	rBV	1754163	4919197	39.07%	2.507%
100	17.539	2619	2627	2639	rVB2	818664	2105637	16.72%	1.073%

Sum of corrected areas: 196215234

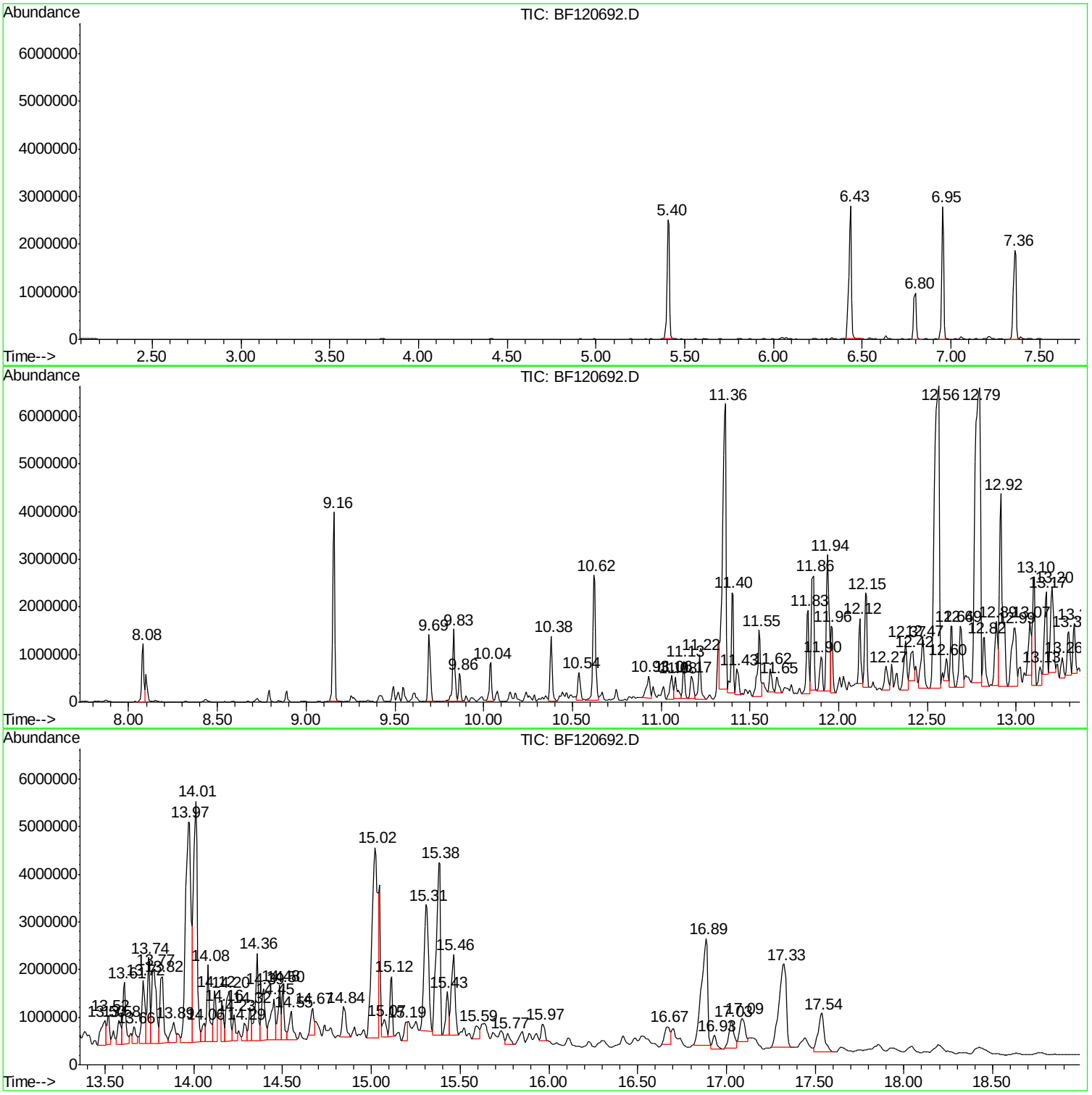
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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\BF062220\
Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

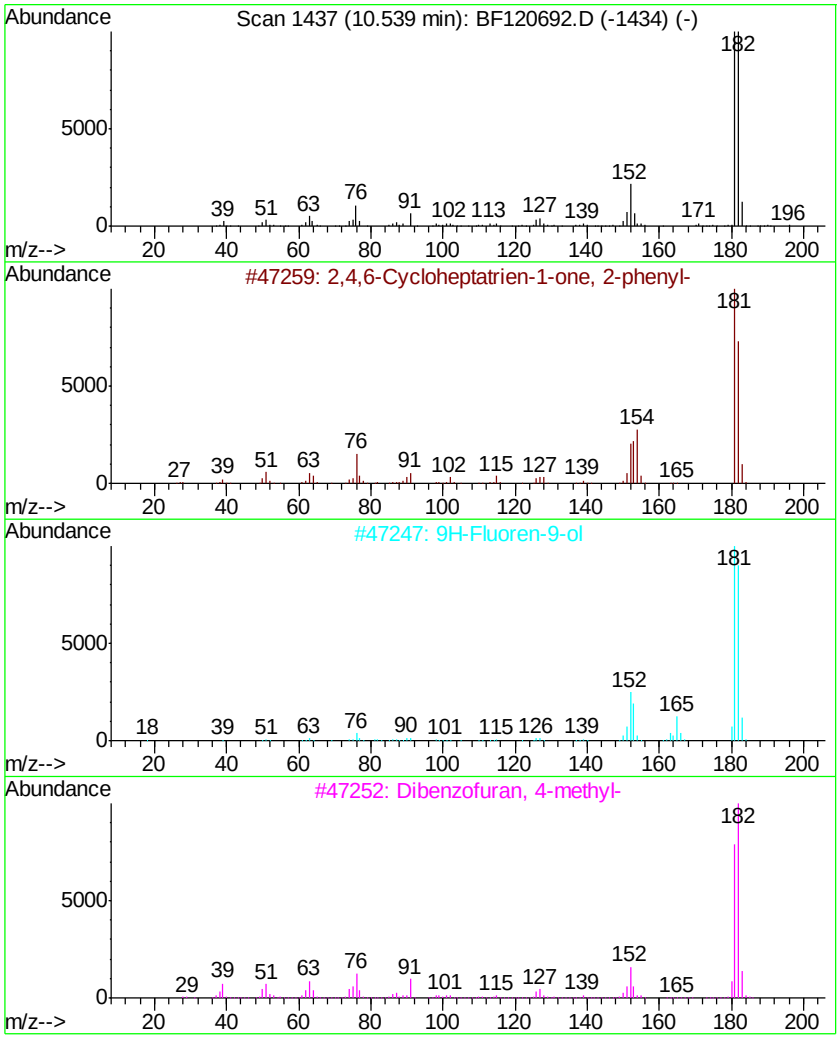
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

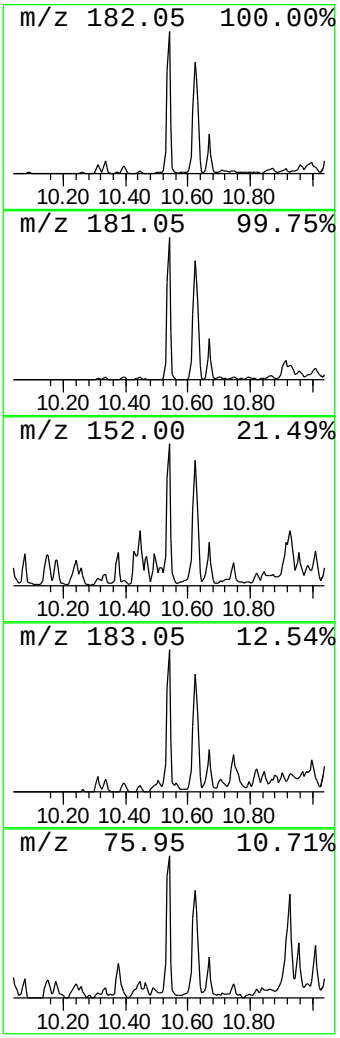
****

Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	7.66 ng	530146	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	9H-Xanthene	182	C13H10O	000092-83-1	60
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

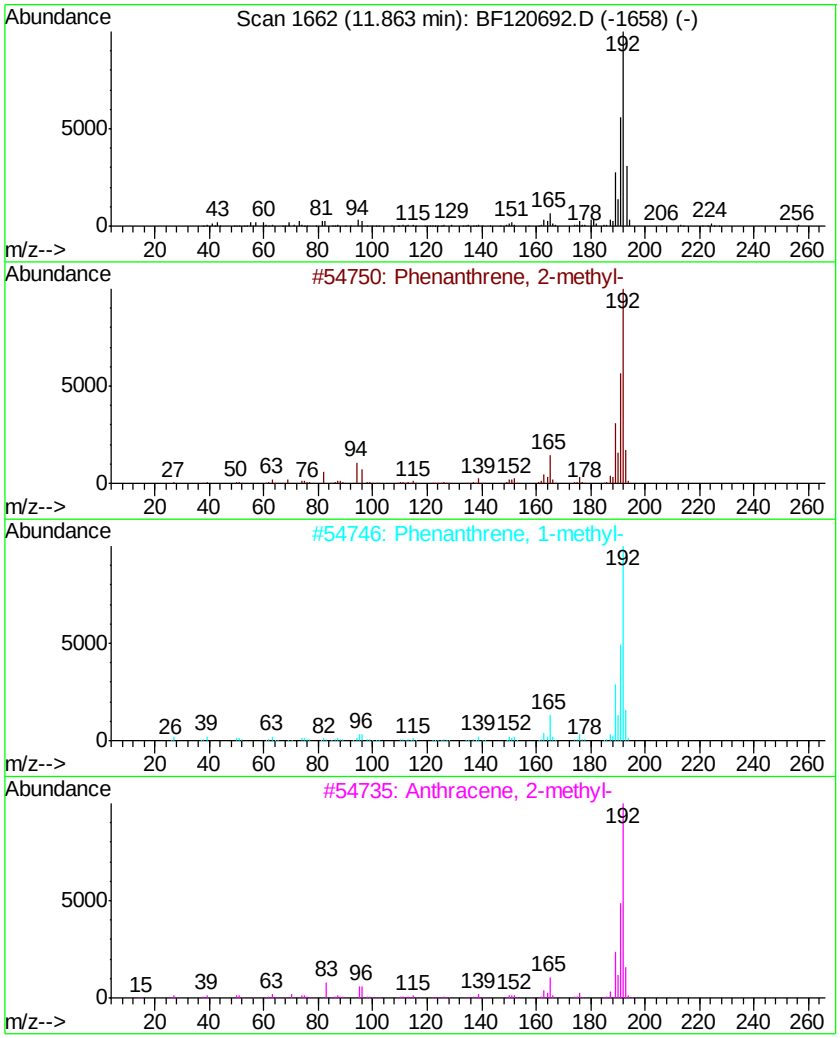
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

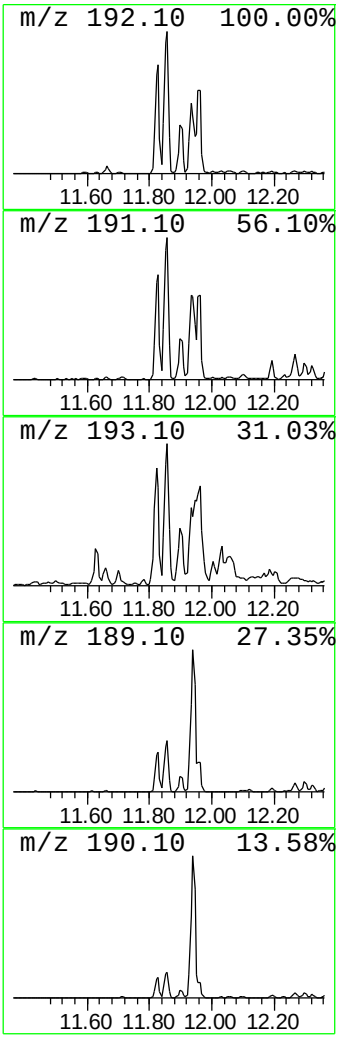
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.09 ng	2193260	Phenanthrene-d10	11.32

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

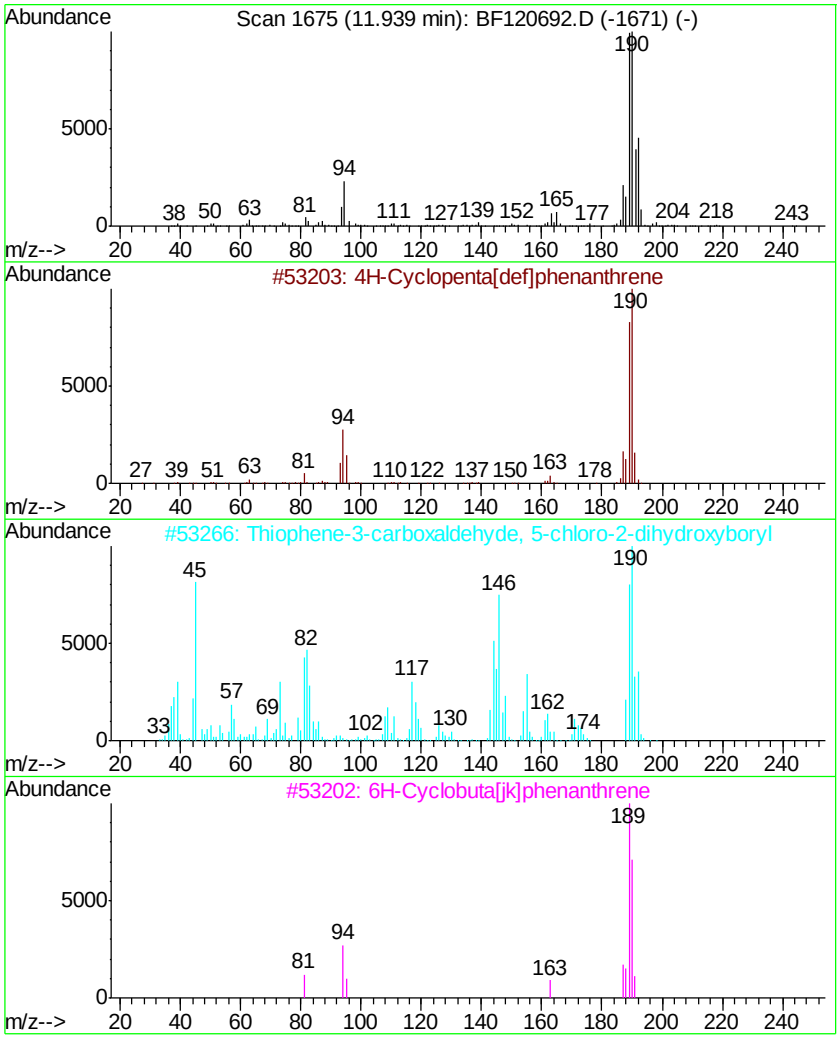
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

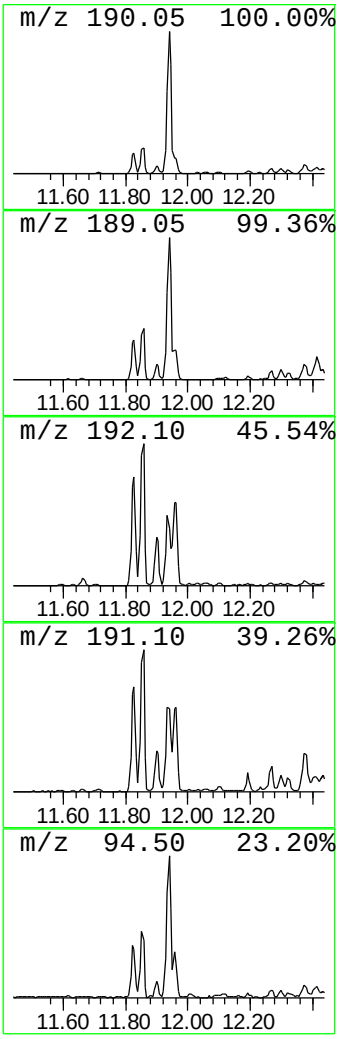
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.27 ng	3130230	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

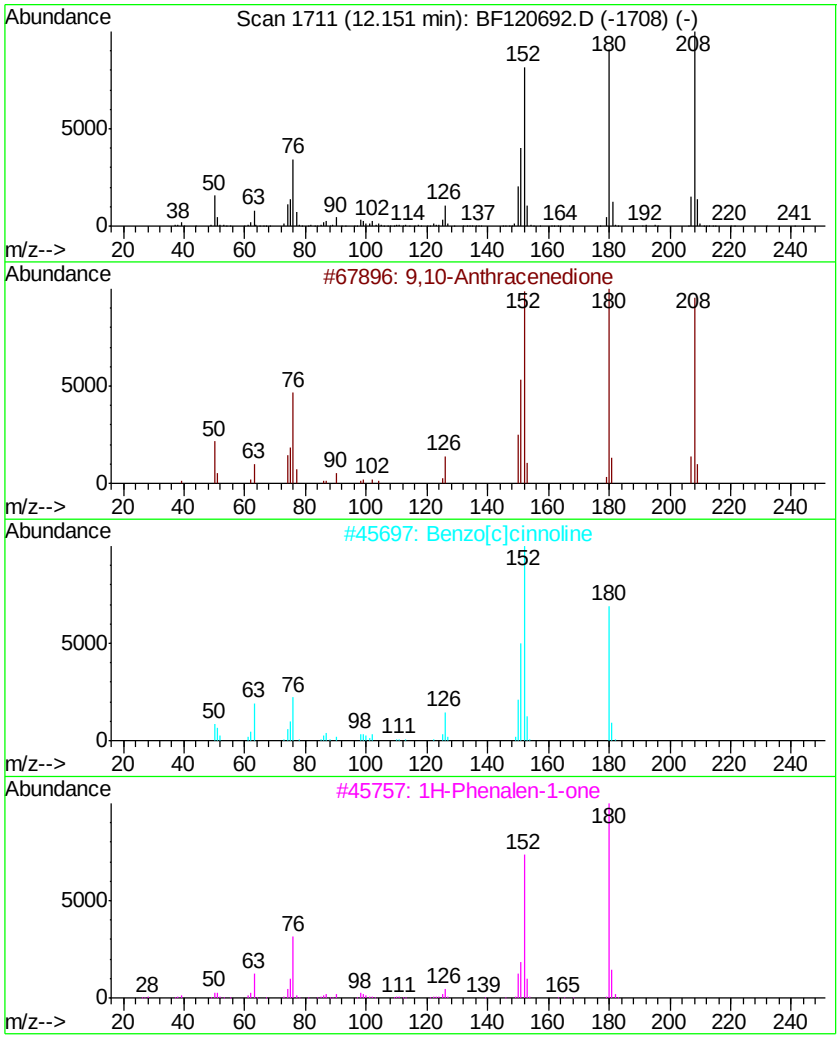
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

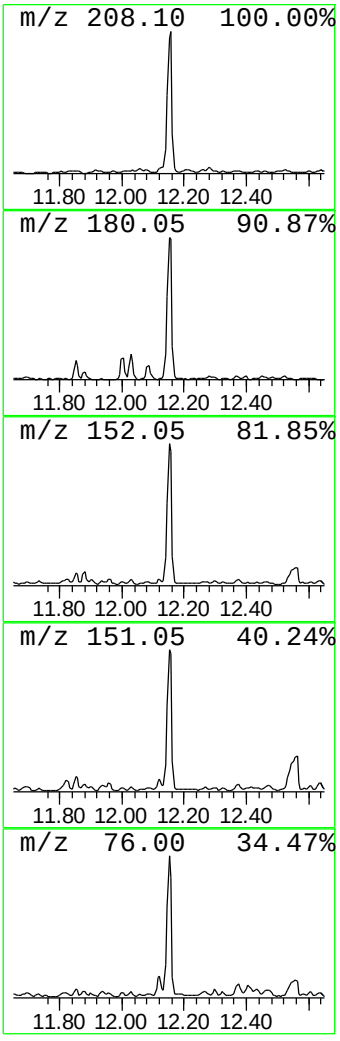
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.75 ng	2045750	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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Data File : BF120692.D
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Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

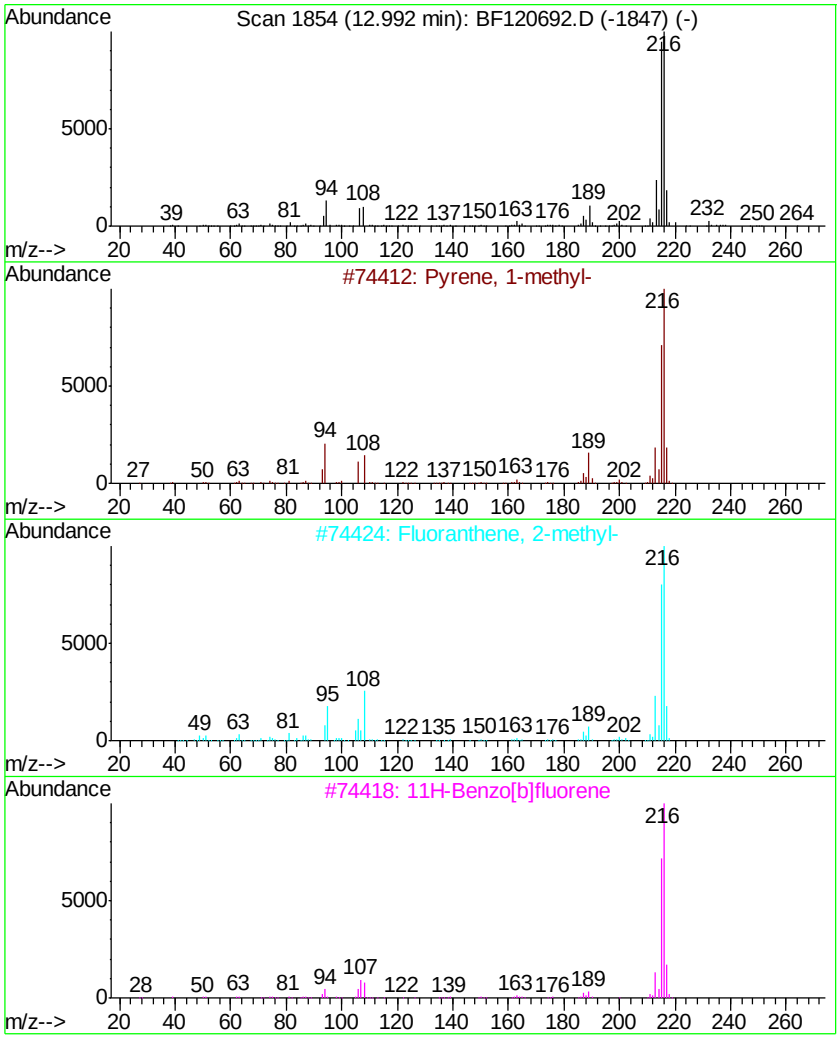
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

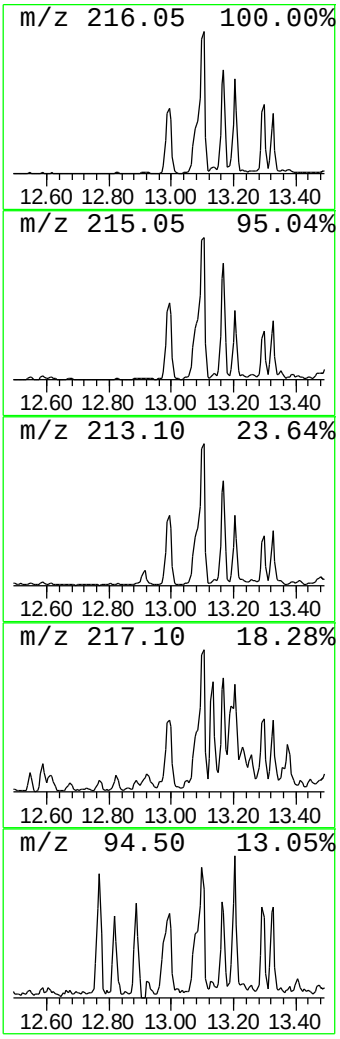
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.45 ng	2261850	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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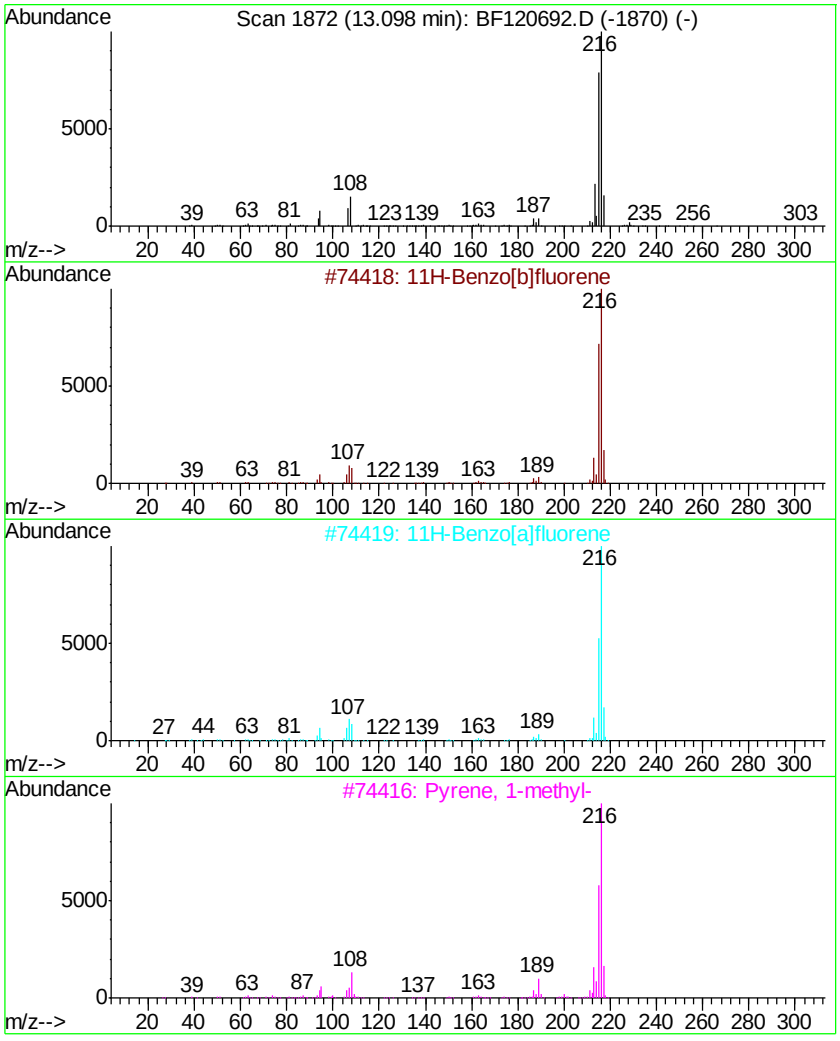
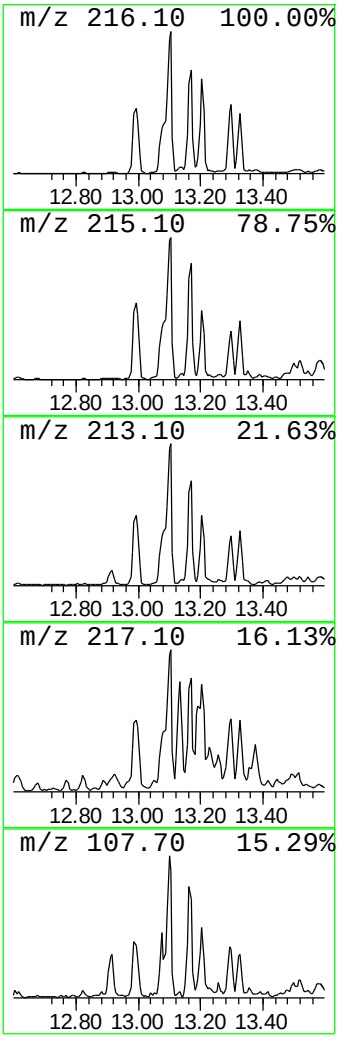
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.45 ng	2262750	Chrysene-d12	13.98

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

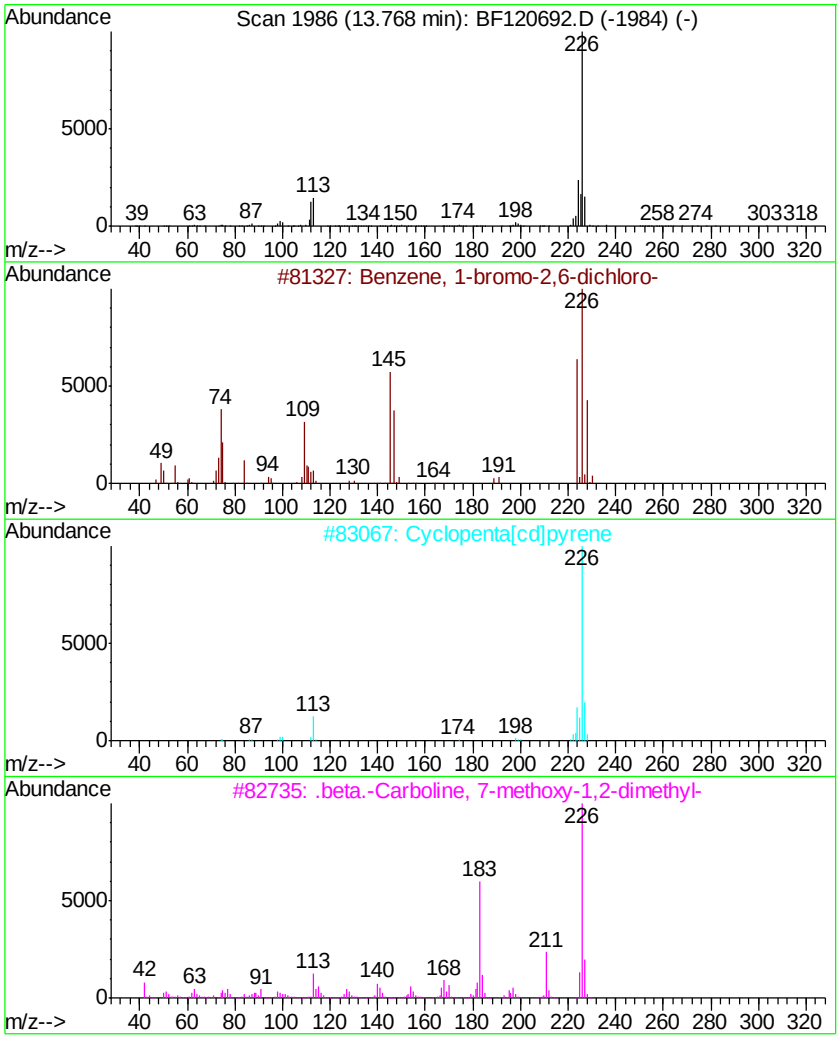
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

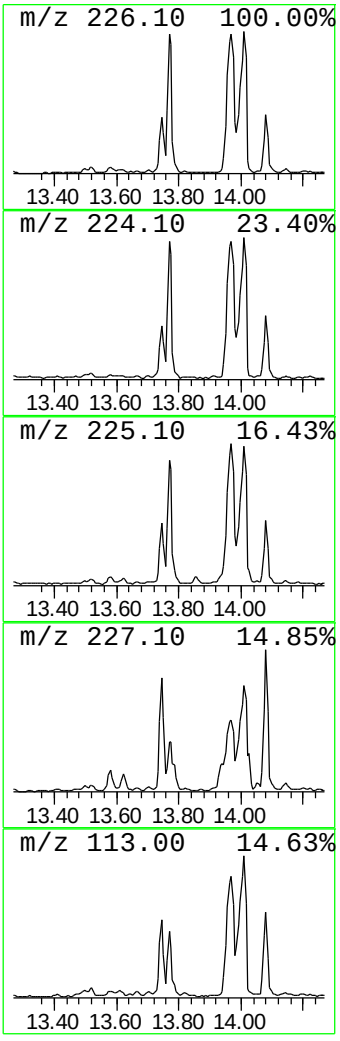
****

Peak Number 8 Benzene, 1-bromo-2,6-dichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.22 ng	2653700	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	59
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
5	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	40





Library Search Compound Report

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Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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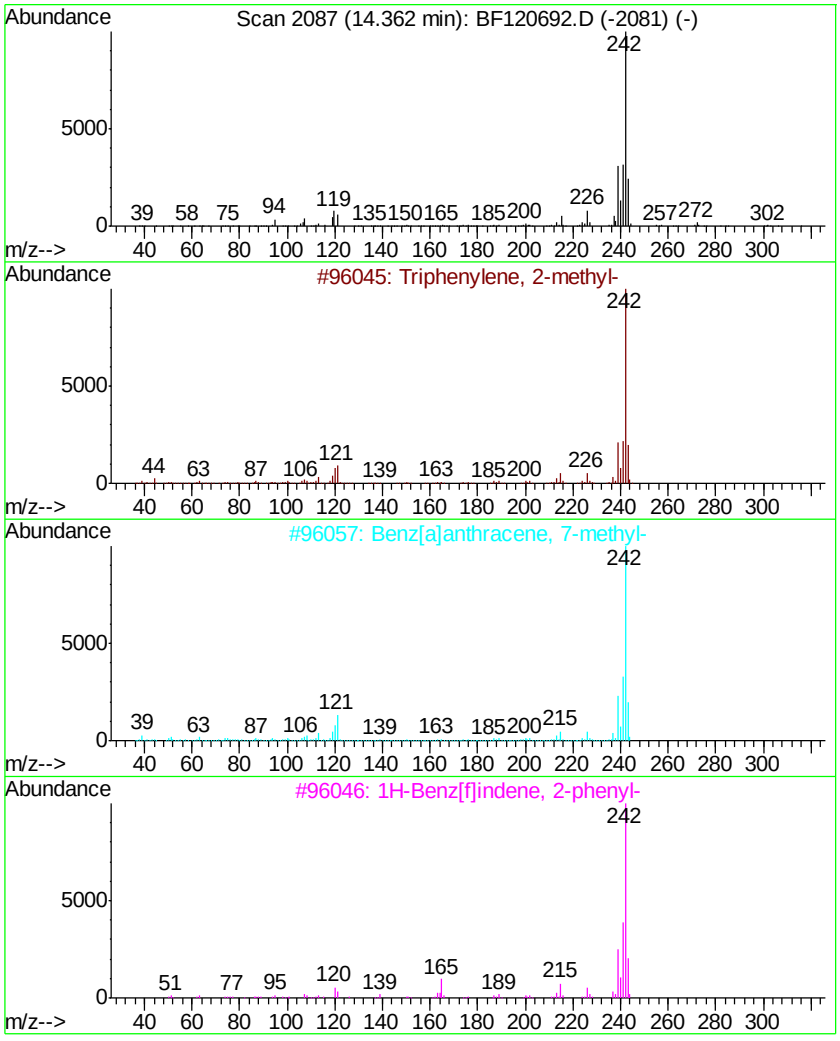
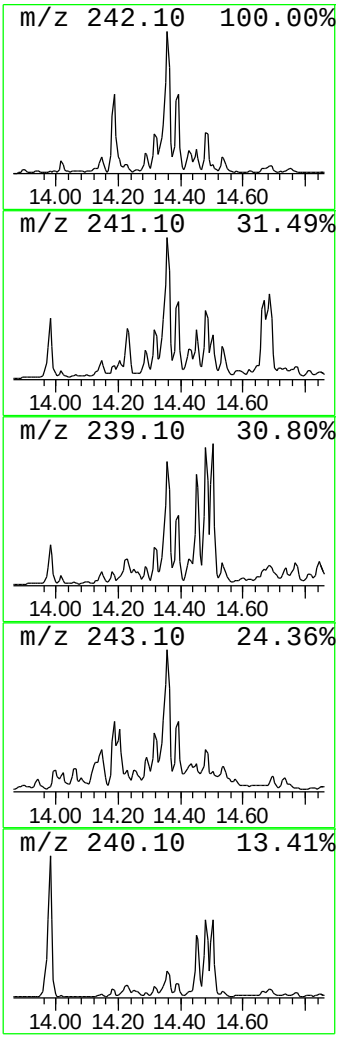
Peak Number 9 Triphenylene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.63 ng	2355940	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	94
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

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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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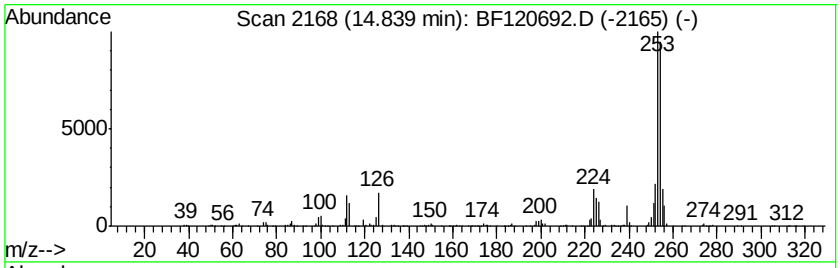
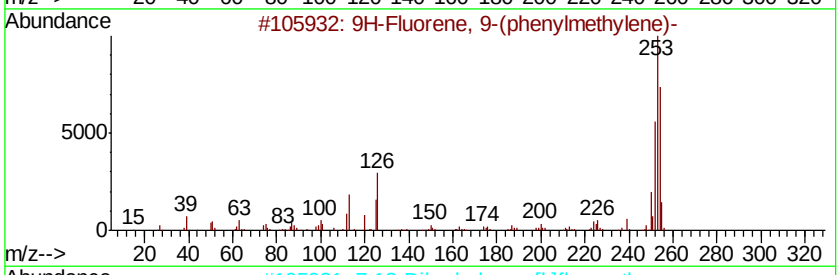
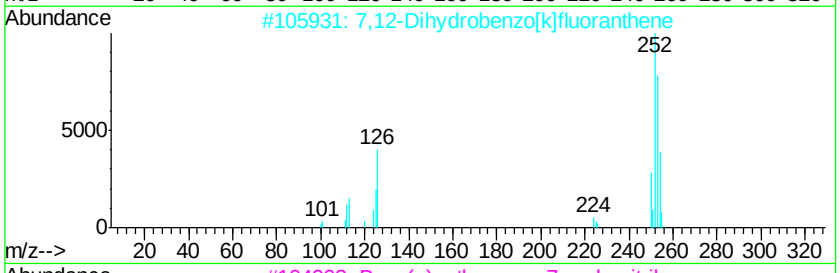
Peak Number 10 9H-Fluorene, 9-(phenylmethy... Concentration Rank 7

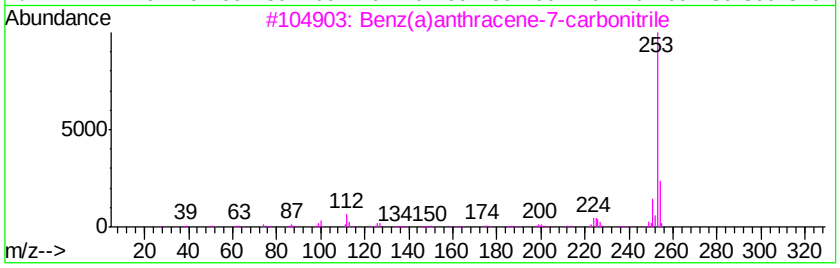
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	15.32 ng	852188	Perylene-d12	15.43

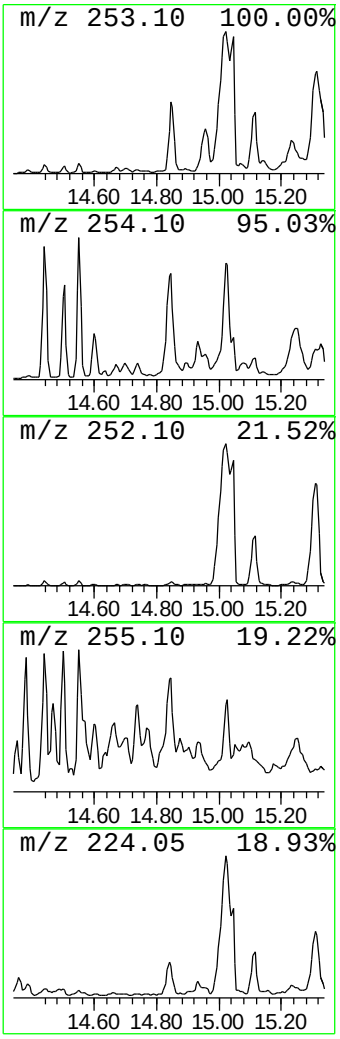
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	81
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
4	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	58
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	58











Library Search Compound Report

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Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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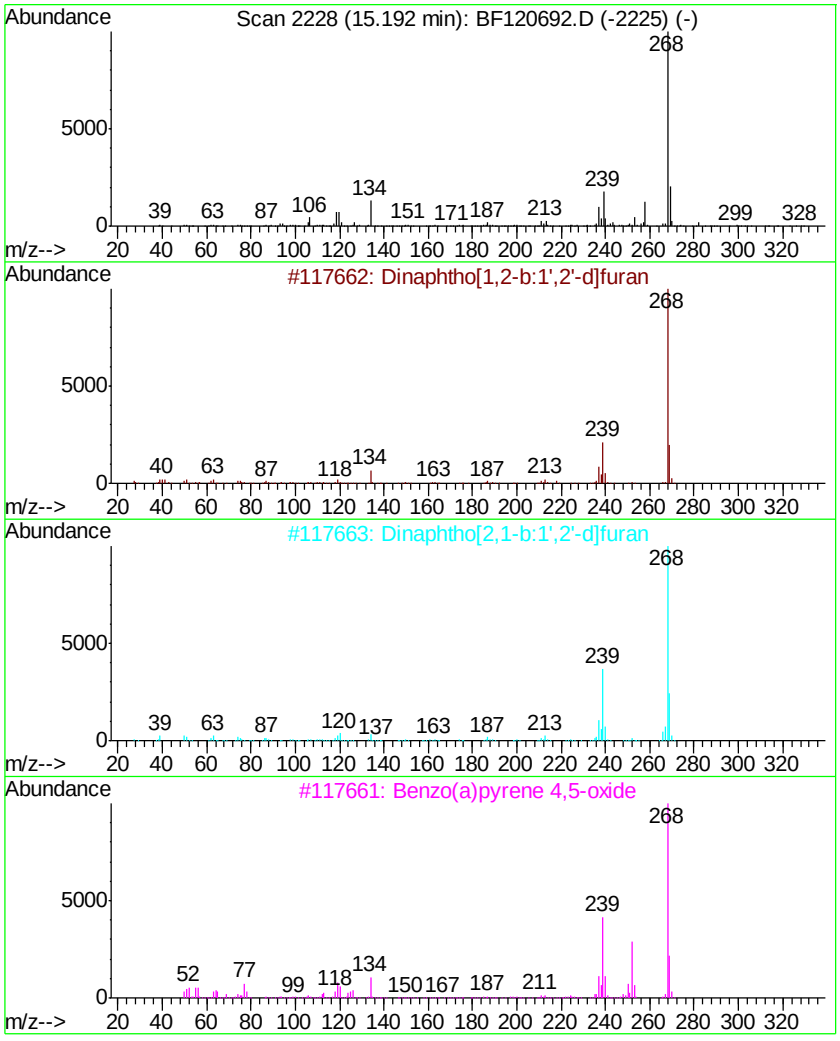
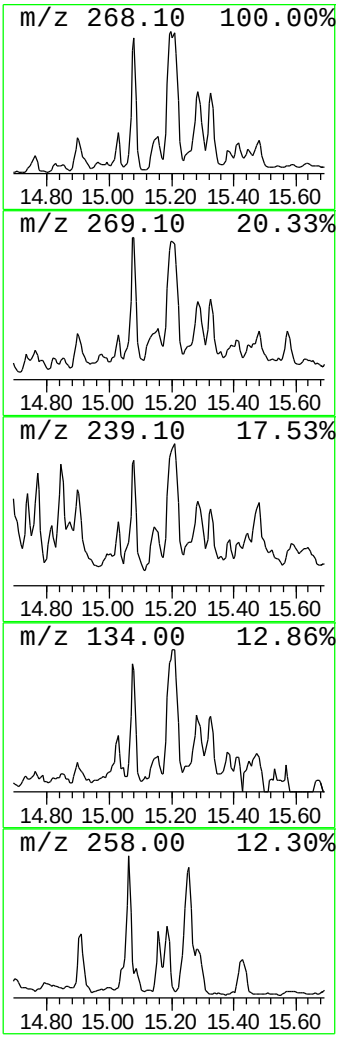
Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	10.10 ng	561513	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4	1,3-Benzoxazole, 2-(1,3-benzoxaz...	268	C14H8N2O2S	1000327-61-1	60
5	1-(6-Methyl-3-pyridyl)-3-(p-nitr...	268	C15H12N2O3	004636-93-5	59





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Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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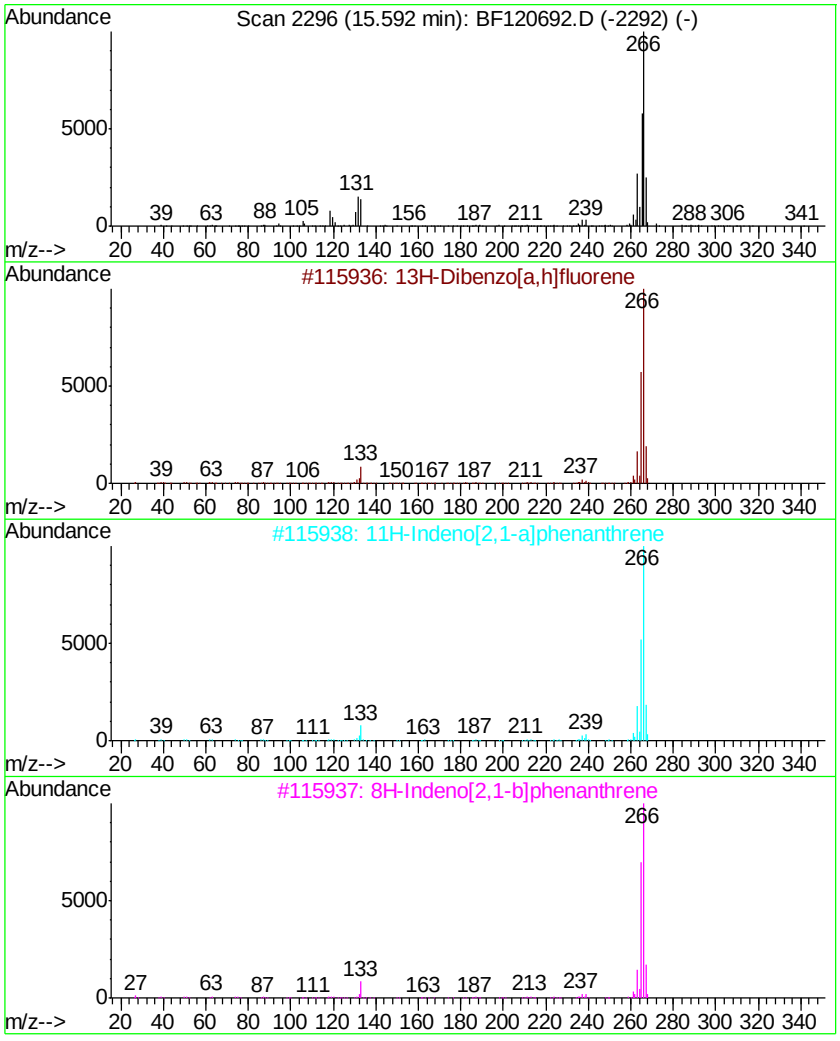
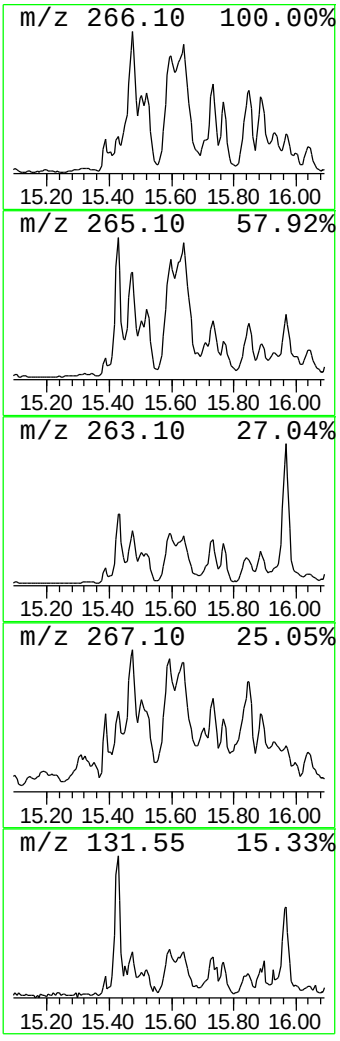
Peak Number 14 13H-Dibenzo[a,h]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	8.79 ng	488618	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	93
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	90
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	64
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59
5	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	53





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-18

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

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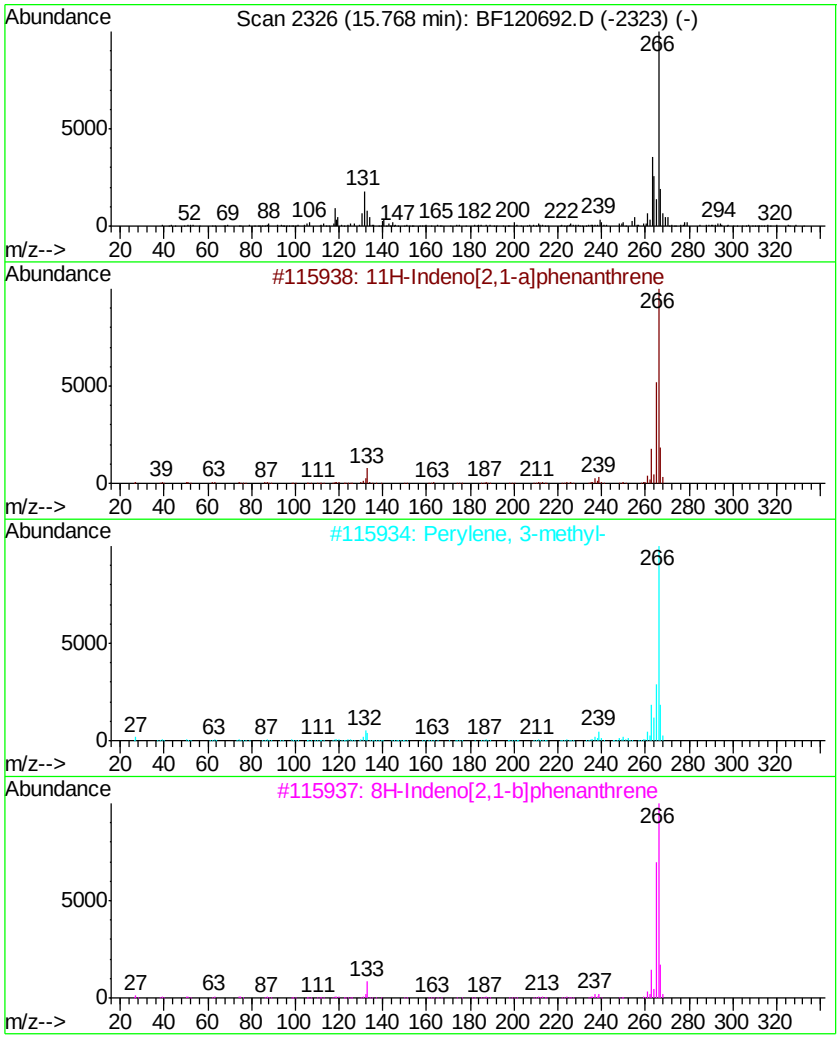
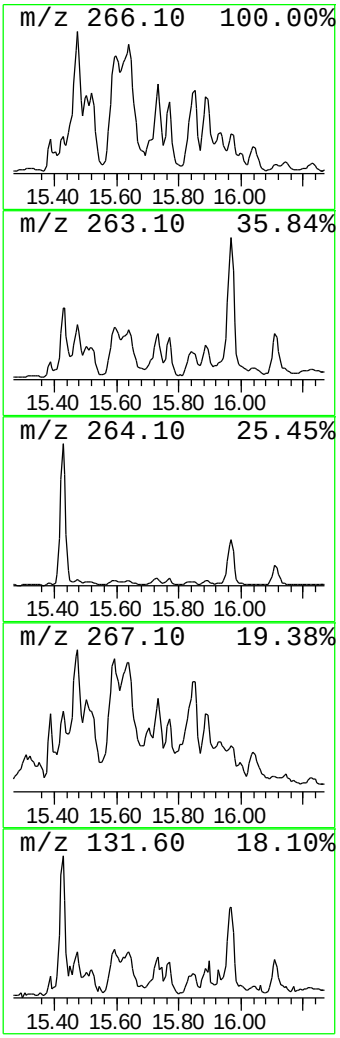
Peak Number 15 11H-Indeno[2,1-a]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	6.64 ng	369331	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	64
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	53
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	52
4	Bis[4-amino-3-cyanophenyl]sulfide	266	C14H10N4S	061382-02-3	50
5	1,2,3,3a,3b,4,5,6,7,7a,9,10,11,1...	266	C20H26	095676-39-4	50





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Instrument : BNA_F
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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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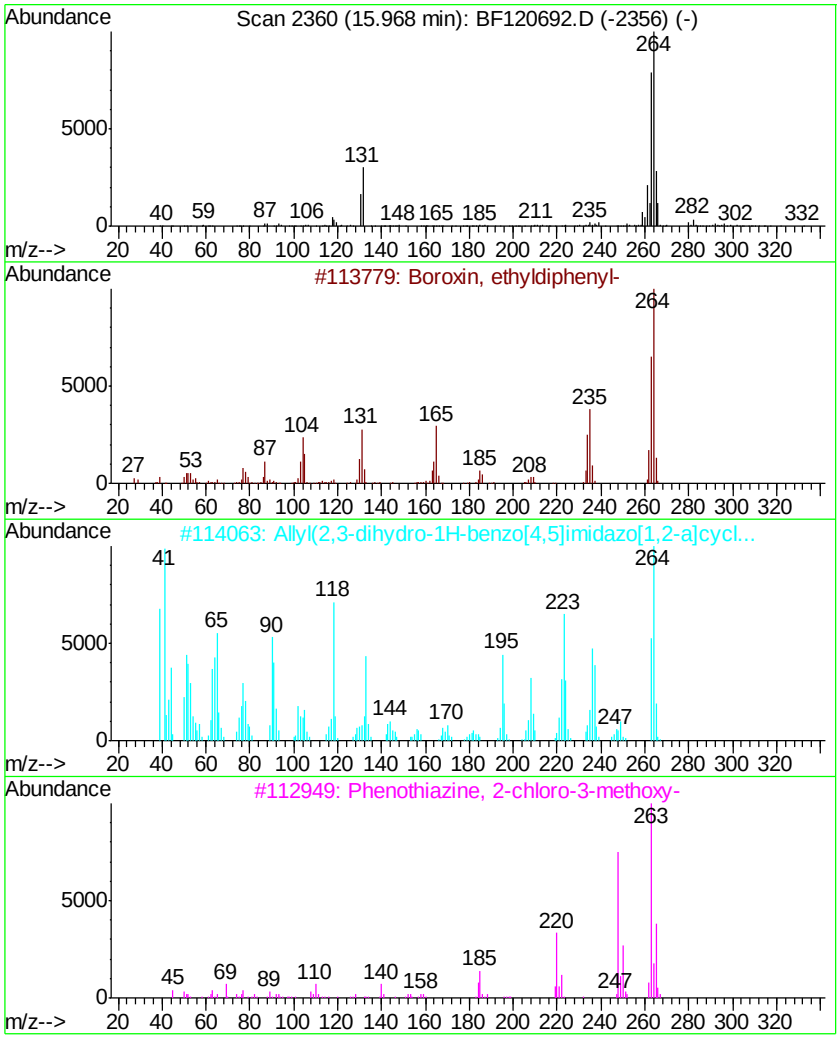
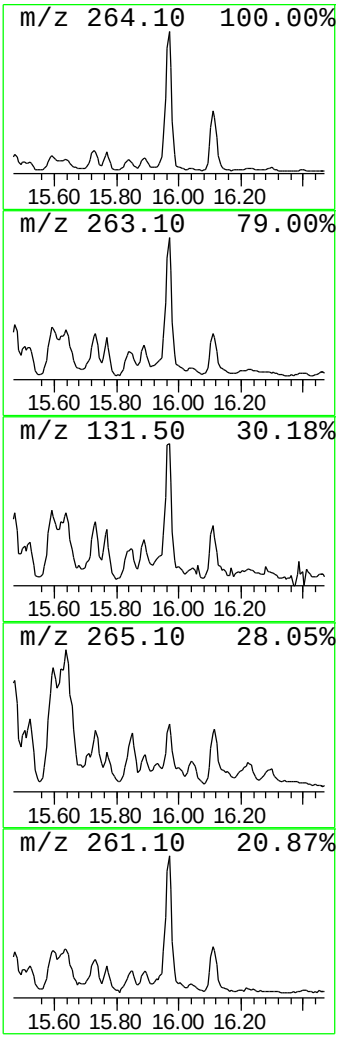
Peak Number 16 Boroxin, ethyldiphenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.24 ng	458449	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
2	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	42
3	Phenothiazine, 2-chloro-3-methoxy-	263	C13H10ClNOS	017800-08-7	35
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32
5	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	32





Library Search Compound Report

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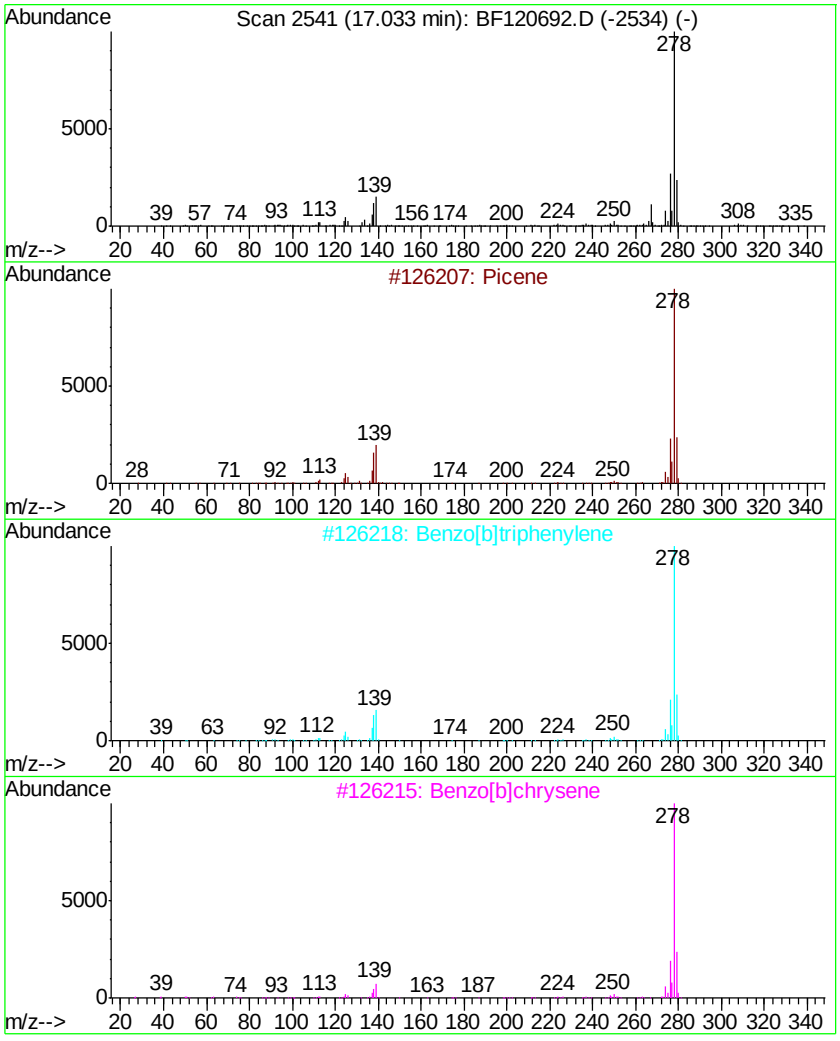
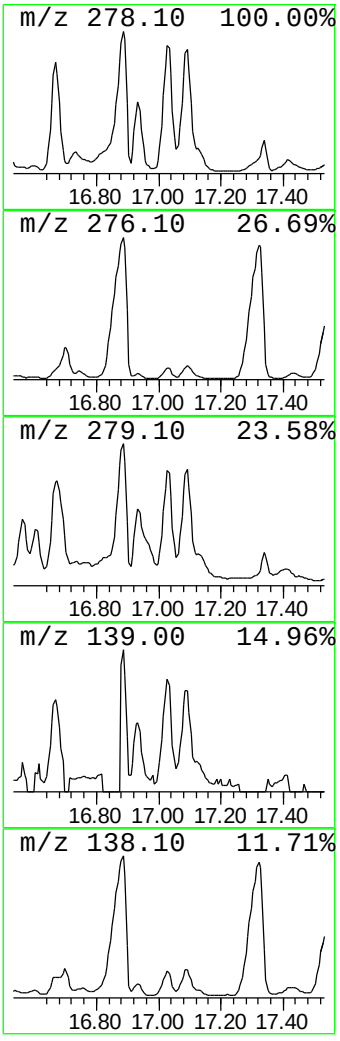
Peak Number 18 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	22.00 ng	1223340	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	96





Tentatively Identified Compound (LSC) summary

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Data File : BF120692.D
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Misc :
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Instrument : BNA_F
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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
2,4,6-Cycloheptat...	10.54	7.7	ng	530146	3	9.83	1384660	20.0
Phenanthrene, 2-m...	11.86	5.1	ng	2193260	4	11.32	8616880	20.0
4H-Cyclopenta[def...	11.94	7.3	ng	3130230	4	11.32	8616880	20.0
9,10-Anthracenedione	12.15	4.8	ng	2045750	4	11.32	8616880	20.0
Pyrene, 1-methyl-	12.99	4.5	ng	2261850	5	13.98	10173500	20.0
11H-Benzo[b]fluorene	13.10	4.5	ng	2262750	5	13.98	10173500	20.0
Benzene, 1-bromo-...	13.77	5.2	ng	2653700	5	13.98	10173500	20.0
Triphenylene, 2-m...	14.36	4.6	ng	2355940	5	13.98	10173500	20.0
9H-Fluorene, 9-(p...	14.84	15.3	ng	852188	6	15.43	1112370	20.0
Dinaphtho[1,2-b:1...	15.19	10.1	ng	561513	6	15.43	1112370	20.0
13H-Dibenzo[a,h]f...	15.59	8.8	ng	488618	6	15.43	1112370	20.0
11H-Indeno[2,1-a]...	15.77	6.6	ng	369331	6	15.43	1112370	20.0
Boroxin, ethyldip...	15.97	8.2	ng	458449	6	15.43	1112370	20.0
Picene	17.03	22.0	ng	1223340	6	15.43	1112370	20.0