LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134677.D
Acq On : 08 Aug 2023 18:06
Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-3-080723

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	564	569	572	rBV	3305308	3437001	34.75%	2.497%
2	6.440	735	740	743	rVB	3247570	3428605	34.66%	2.491%
3	6.628	769	772	779	rBV	281361	260262	2.63%	0.189%
4	6.798	798	801	805	rBV	1245208	1081445	10.93%	0.786%
5	6.981	828	832	835	rVB	291744	243952	2.47%	0.177%
6	7.363	893	897	900	rVB	2374312	2097559	21.21%	1.524%
7	7.816	968	974	979	rBV3	459812	510194	5.16%	0.371%
8	8.081	1013	1019	1020	rVV	1583833	1484803	15.01%	1.079%
9	8.098	1020	1022	1025	rVV	1723703	1407533	14.23%	1.023%
10	8.792	1137	1140	1143	rVV	2719112	2129107	21.52%	1.547%
11	8.892	1152	1157	1160	rVB	2667364	2176447	22.00%	1.581%
12	9.157	1198	1202	1205	rVB	3990611	3272693	33.09%	2.378%
13	9.275	1220	1222	1226	rVV	875094	739060	7.47%	0.537%
14	9.351	1233	1235	1241	rVB	482906	491172	4.97%	0.357%
15	9.422	1241	1247	1251	rBV	1161489	1589871	16.07%	1.155%
16	9.492	1255	1259	1262	rVV	1789012	1843904	18.64%	1.340%
17	9.522	1262	1264	1267	rVV	1307355	984542	9.95%	0.715%
18	9.610	1276	1279	1284	rVB	874953	912327	9.22%	0.663%
19	9.692	1290	1293	1298	rVB	918095	756358	7.65%	0.550%
20	9.833	1311	1317	1320	rBV2	1482604	1532359	15.49%	1.113%
21	9.869	1320	1323	1326	rVV	4392523	4022021	40.66%	2.923%
22	9.939	1331	1335	1339	rBV2	321151	420990	4.26%	0.306%
23	9.992	1339	1344	1346	rVV2	310225	351124	3.55%	0.255%
24	10.039	1349	1352	1356	rVV	2883032	2717430	27.47%	1.975%
25	10.080	1356	1359	1361	rVV	548750	457893	4.63%	0.333%
26	10.151	1367	1371	1374	rBV2	490206	508335	5.14%	0.369%
27	10.180	1374	1376	1379	rVV	450596	325539	3.29%	0.237%
28	10.245	1382	1387	1388	rBV	321043	376886	3.81%	0.274%
29	10.339	1397	1403	1407	rVV4	231651	392107	3.96%	0.285%
30	10.386	1407	1411	1416	rVV	4194814	4057620	41.02%	2.948%
31	10.451	1416	1422	1423	rVV2	496850	614406	6.21%	0.446%
32	10.469	1423	1425	1427	rVV2	645521	550120	5.56%	0.400%
33	10.492	1427	1429	1431	rVV2	322463	319282	3.23%	0.232%
34	10.516	1431	1433	1435	rVV	283855	266143	2.69%	0.193%
35	10.539	1435	1437	1443	rVV	809993	775528	7.84%	0.564%
36	10.628	1446	1452	1455	rVV	2520168	2661220	26.90%	1.934%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.669	1455	1459	1464	rVB3	175806	258217	2.61%	0.188%
38	10.751	1468	1473	1478	rVB4	390953	481935	4.87%	0.350%
39	10.933	1497	1504	1507	rBV2	937327	1177139	11.90%	0.855%
40	10.963	1507	1509	1512	rVV2	552116	511009	5.17%	0.371%
41	11.016	1515	1518	1521	rVV	519613	436279	4.41%	0.317%
42	11.086	1527	1530	1535	rVV2	328803	464283	4.69%	0.337%
43	11.127	1535	1537	1542	rVV3	233485	274156	2.77%	0.199%
44	11.175	1542	1545	1549	rVV2	300866	400845	4.05%	0.291%
45	11.222	1550	1553	1559	rVB	1623671	1437290	14.53%	1.044%
46	11.327	1567	1571	1572	rBV	1086073	986676	9.98%	0.717%
47	11.363	1572	1577	1580	rVV	6875353	9891476	100.00%	7.188%
48	11.410	1580	1585	1587	rVV	3904119	3484116	35.22%	2.532%
49	11.433	1587	1589	1593	rVV2	433757	422549	4.27%	0.307%
50	11.557	1607	1610	1613	rVV	1245718	934591	9.45%	0.679%
51	11.622	1619	1621	1624	rBV	300272	251857	2.55%	0.183%
52	11.657	1624	1627	1631	rVB2	655362	579121	5.85%	0.421%
53	11.739	1638	1641	1646	rVB	455326	524121	5.30%	0.381%
54	11.833	1653	1657	1659	rVV	2056891	1915569	19.37%	1.392%
55	11.863	1659	1662	1666	rVB	2692230	2357919	23.84%	1.713%
56	11.910	1666	1670	1672	rBV	864688	809690	8.19%	0.588%
57	11.945	1672	1676	1678	rVV	3235023	3261949	32.98%	2.370%
58	11.969	1678	1680	1684	rVB	1399023	1088110	11.00%	0.791%
59	12.063	1693	1696	1698	rVB2	327807	260346	2.63%	0.189%
60	12.127	1704	1707	1709	rVV	1165571	1025251	10.36%	0.745%
61	12.151	1709	1711	1715	rVB2	427520	433283	4.38%	0.315%
62	12.274	1730	1732	1735	rVV	438371	401393	4.06%	0.292%
63	12.310	1735	1738	1740	rVV	593654	596653	6.03%	0.434%
64	12.333	1740	1742	1744	rVB	487863	361012	3.65%	0.262%
65	12.386	1746	1751	1753	rBV	1200615	1389395	14.05%	1.010%
66	12.422	1753	1757	1759	rVV2	832198	1060617	10.72%	0.771%
67	12.469	1763	1765	1770	rVV2	434922	676561	6.84%	0.492%
68	12.557	1775	1780	1783	rVB	6348081	8147828	82.37%	5.921%
69	12.610	1783	1789	1792	rBV3	316187	566988	5.73%	0.412%
70	12.698	1800	1804	1808	rVV2	496722	667771	6.75%	0.485%
71	12.786	1812	1819	1823	rBV2	6044472	9005454	91.04%	6.544%
72	12.827	1823	1826	1830	rVB2	473293	674710	6.82%	0.490%
73	12.892	1834	1837	1839	rVV2	575230	571775	5.78%	0.415%
74	12.921	1839	1842	1849	rVB	3367639	3402912	34.40%	2.473%
75	12.992	1849	1854	1858	rBV2	747650	1262408	12.76%	0.917%
76	13.080	1866	1869	1870	rVV2	583500	616171	6.23%	0.448%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

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

77	13.104	1870	1873	1876	rVB	1812235	1829811	18.50%	1.330%
78	13.174	1876	1885	1887	rBV	1827786	1937209	19.58%	1.408%
79	13.210	1887	1891	1894	rVV2	1275917	1398630	14.14%	1.016%
80	13.233	1894	1895	1898	rVV2	331797	280792	2.84%	0.204%
81	13.269	1898	1901	1903	rVV2	204807	260473	2.63%	0.189%
82	13.304	1904	1907	1909	rVV	725712	710494	7.18%	0.516%
83	13.333	1909	1912	1915	rVV	831628	829352	8.38%	0.603%
84	13.363	1915	1917	1922	rVB5	207184	268216	2.71%	0.195%
85	13.592	1953	1956	1957	rBV	271844	281523	2.85%	0.205%
86	13.727	1974	1979	1981	rBV2	747110	978320	9.89%	0.711%
87	13.757	1981	1984	1986	rVV	659750	654548	6.62%	0.476%
88	13.774	1986	1987	1994	rVV3	428046	708755	7.17%	0.515%
89	13.827	1994	1996	1999	rVB2	329912	361000	3.65%	0.262%
90	13.974	2017	2021	2024	rBV2	3089936	3969296	40.13%	2.884%
91	14.010	2024	2027	2032	rVB	2945880	2825175	28.56%	2.053%
92	14.086	2038	2040	2042	rVB	538776	375992	3.80%	0.273%
93	14.368	2086	2088	2091	rVB	643681	484155	4.89%	0.352%
94	14.398	2091	2093	2096	rVB	354480	292949	2.96%	0.213%
95	14.492	2107	2109	2111	rBV2	302273	264743	2.68%	0.192%
96	15.027	2196	2200	2203	rBV	1402666	2193450	22.18%	1.594%
97	15.333	2248	2252	2258	rVB	878449	1199584	12.13%	0.872%
98	15.398	2259	2263	2269	rVB	1350933	1697031	17.16%	1.233%
99	15.457	2270	2273	2276	rBV	495004	562641	5.69%	0.409%
100	16.957	2524	2528	2536	rVB2	487969	989986	10.01%	0.719%

Sum of corrected areas: 137619388

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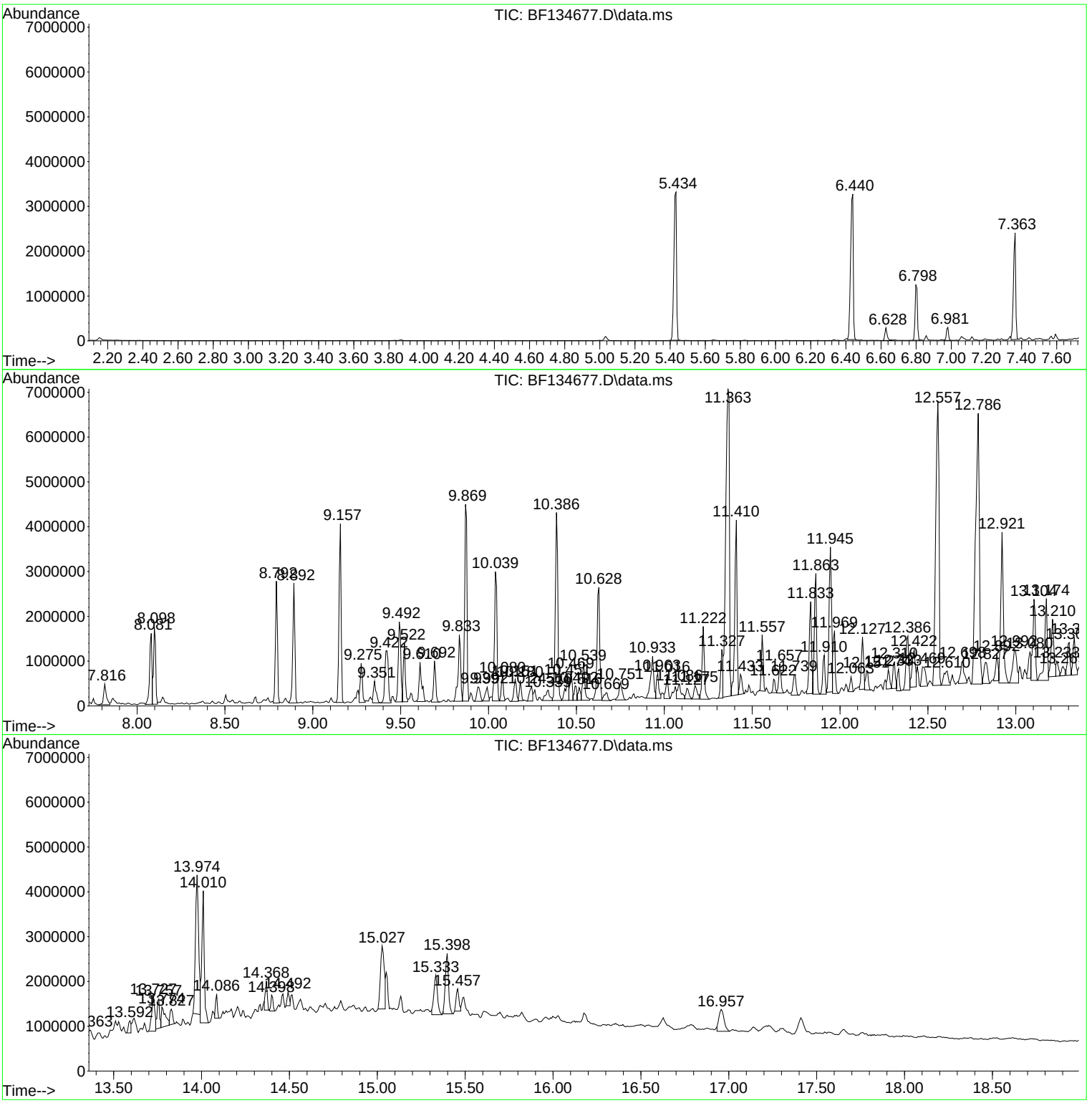
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

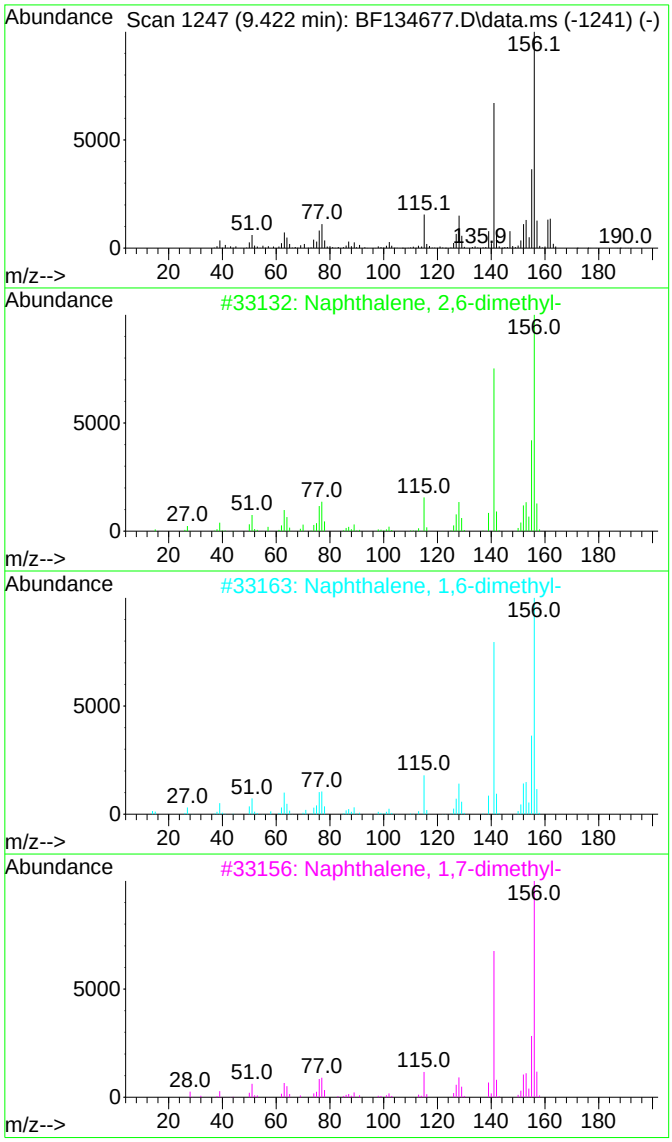
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

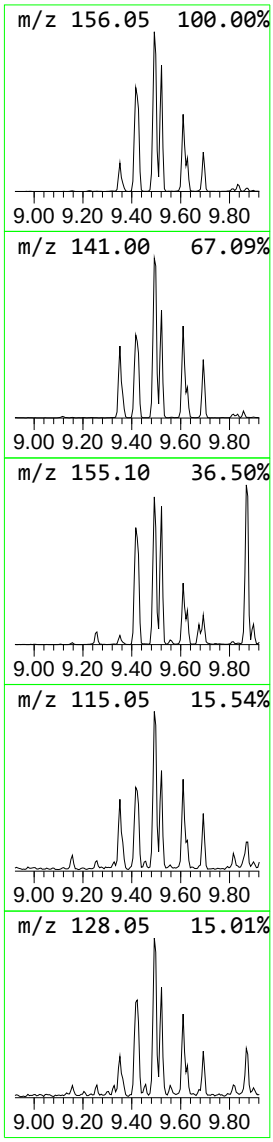
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	20.75 ng	1589870	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134677.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

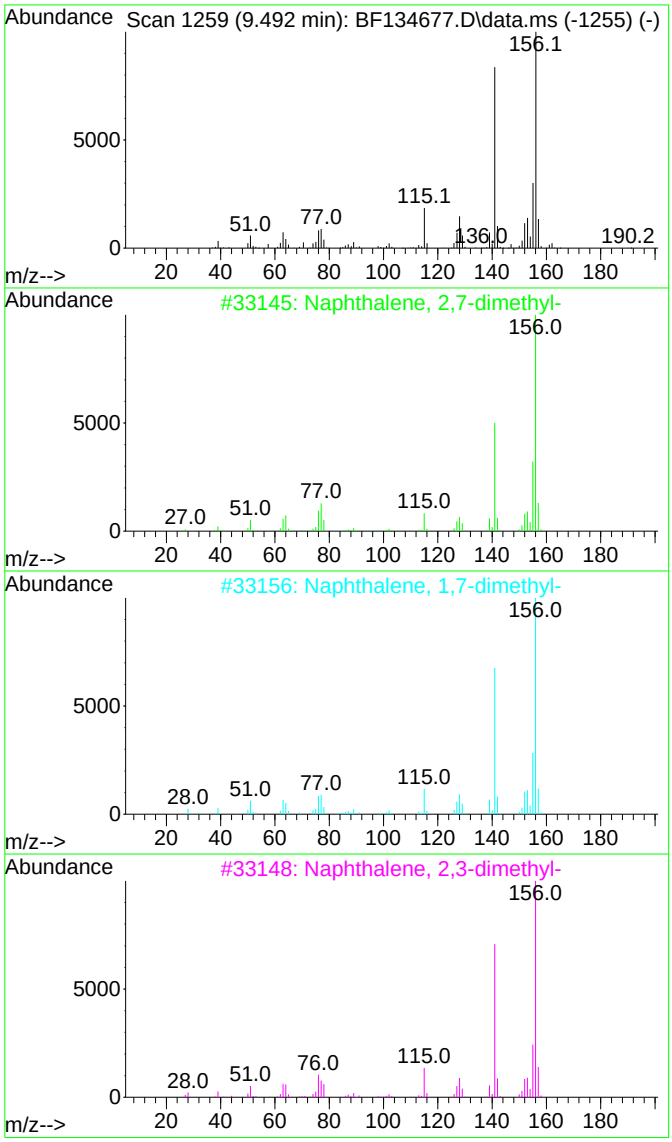
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

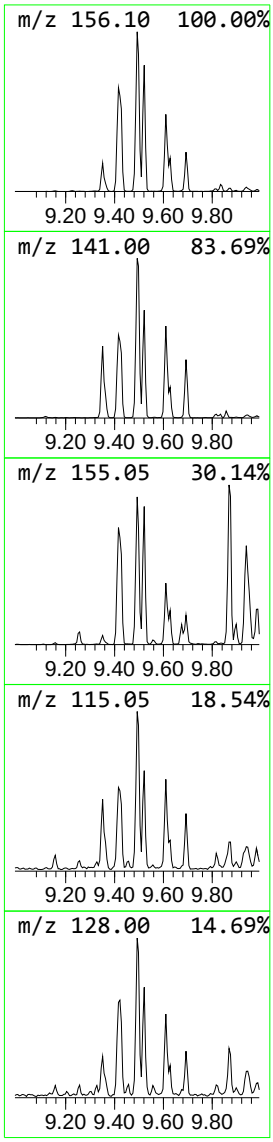
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	24.07 ng	1843900	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134677.D
Acq On : 08 Aug 2023 18:06
Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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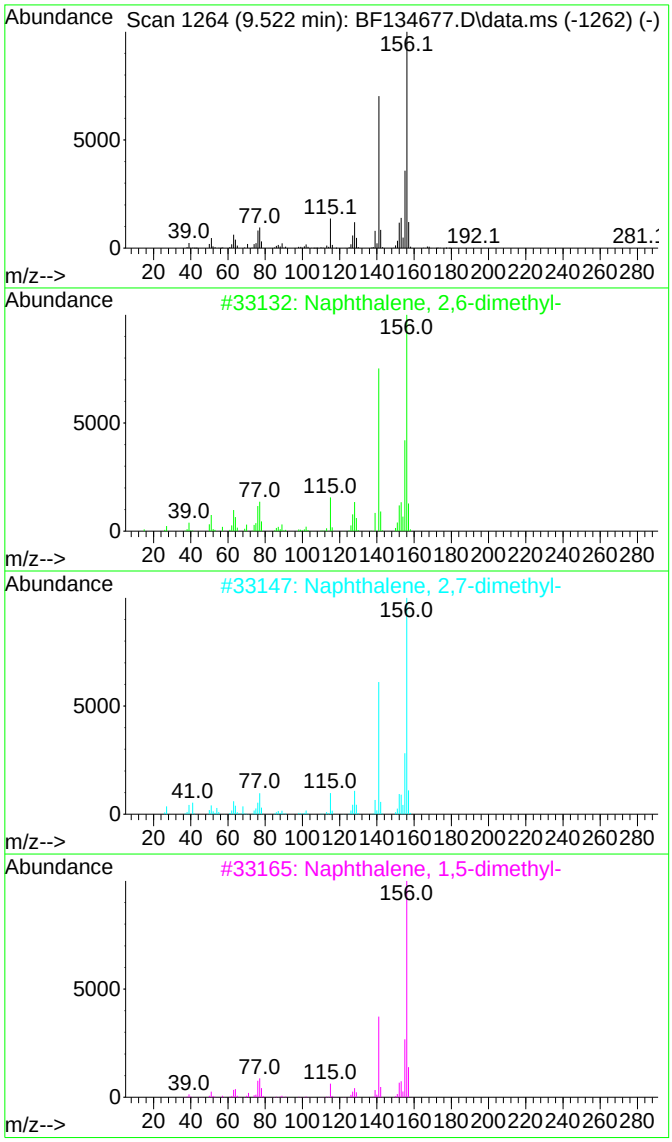
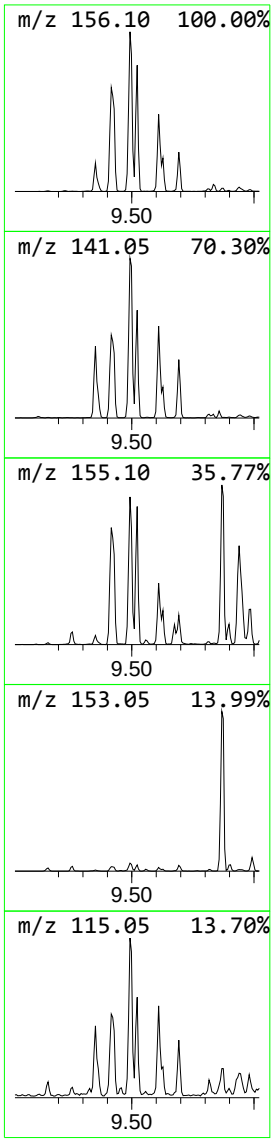
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	12.85 ng	984542	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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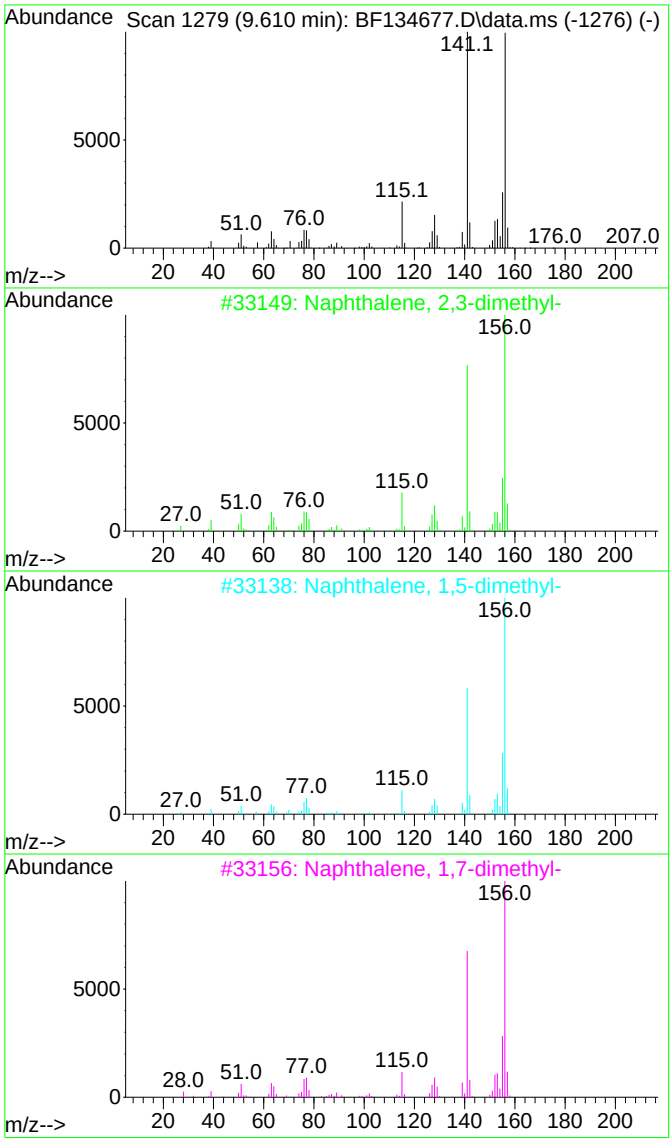
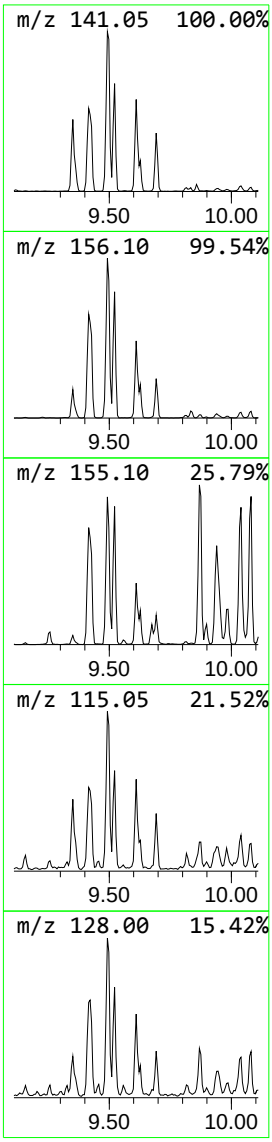
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	11.91 ng	912327	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134677.D
Acq On : 08 Aug 2023 18:06
Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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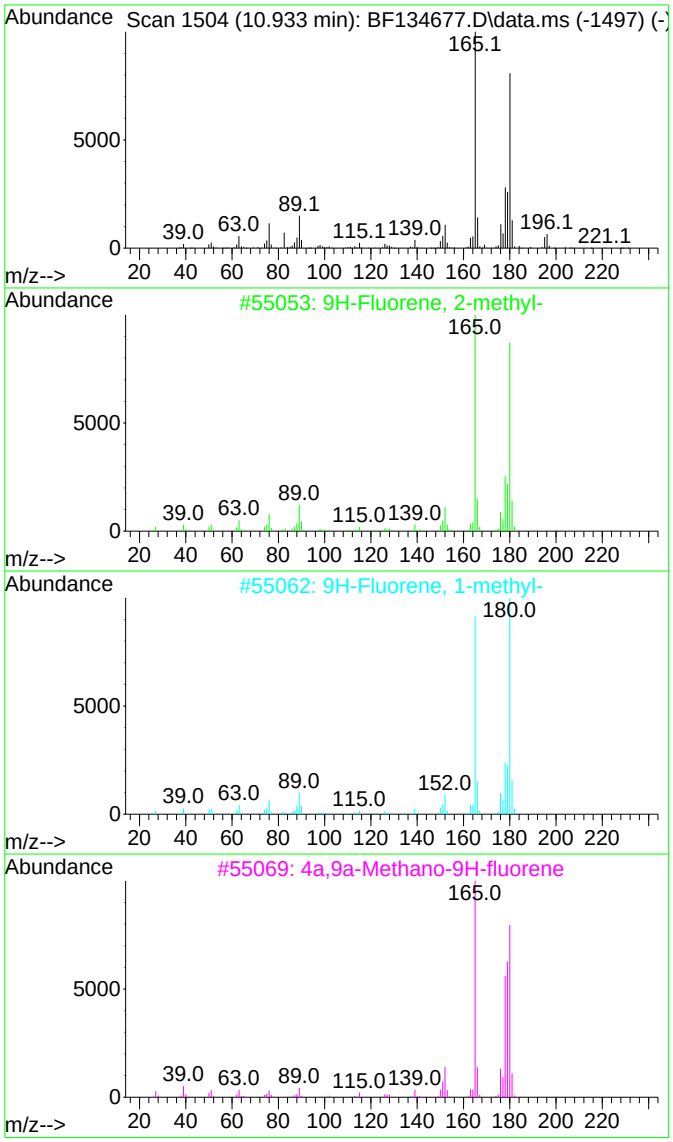
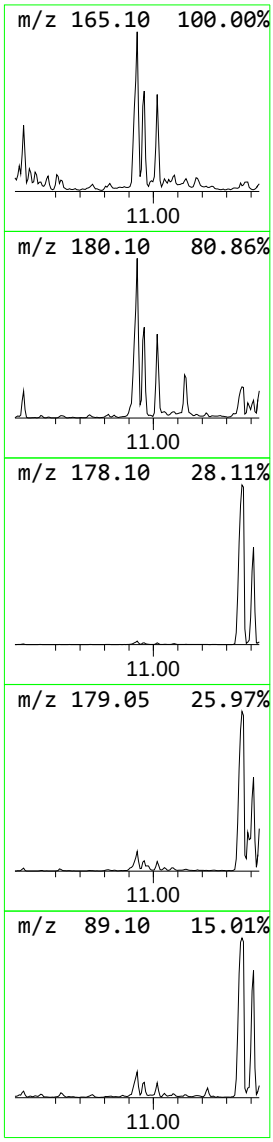
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.933	23.86 ng	1177140	Phenanthrene-d10	11.328

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	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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Operator : CG\JU
Sample : 03920-01
Misc :
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ClientSampleId :
OR-3-080723

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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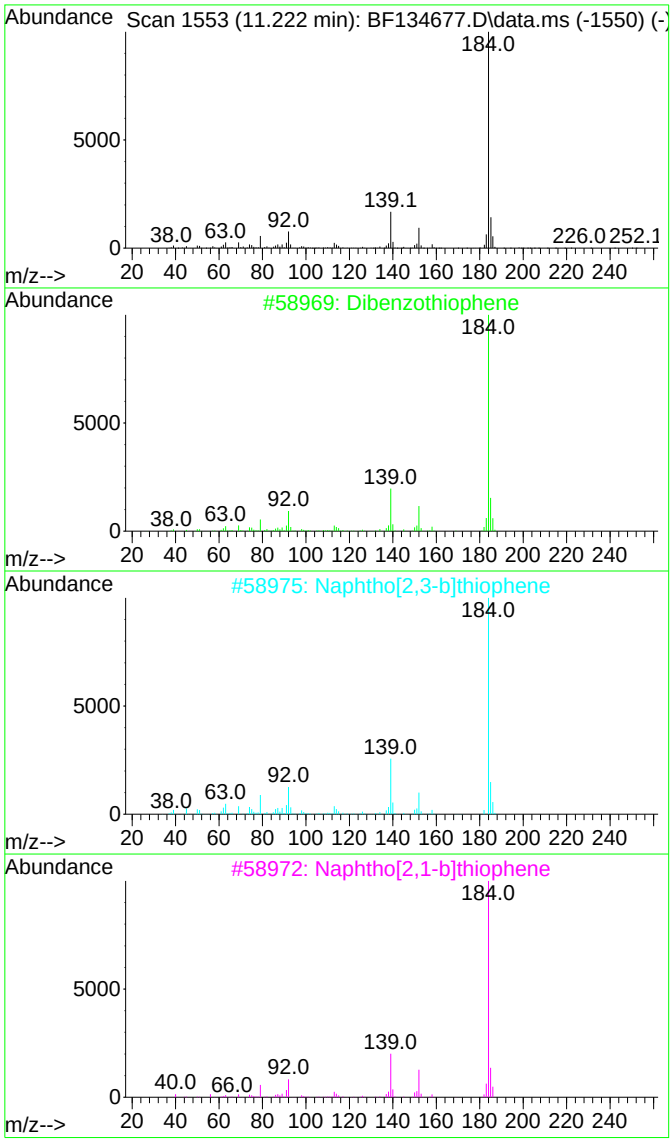
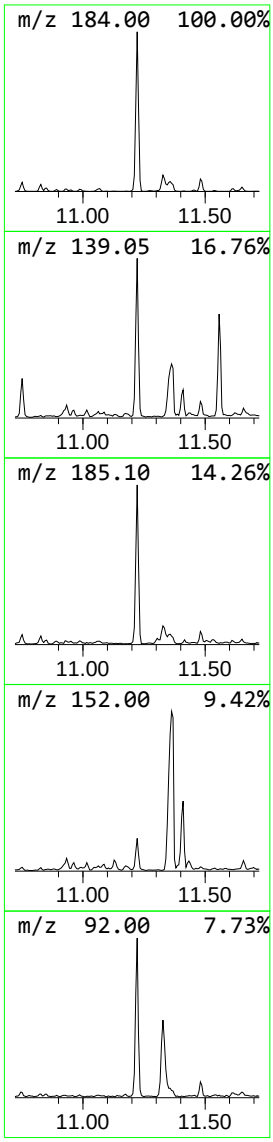
Peak Number 6 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	29.13 ng	1437290	Phenanthrene-d10	11.328

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





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ClientSampleId :
OR-3-080723

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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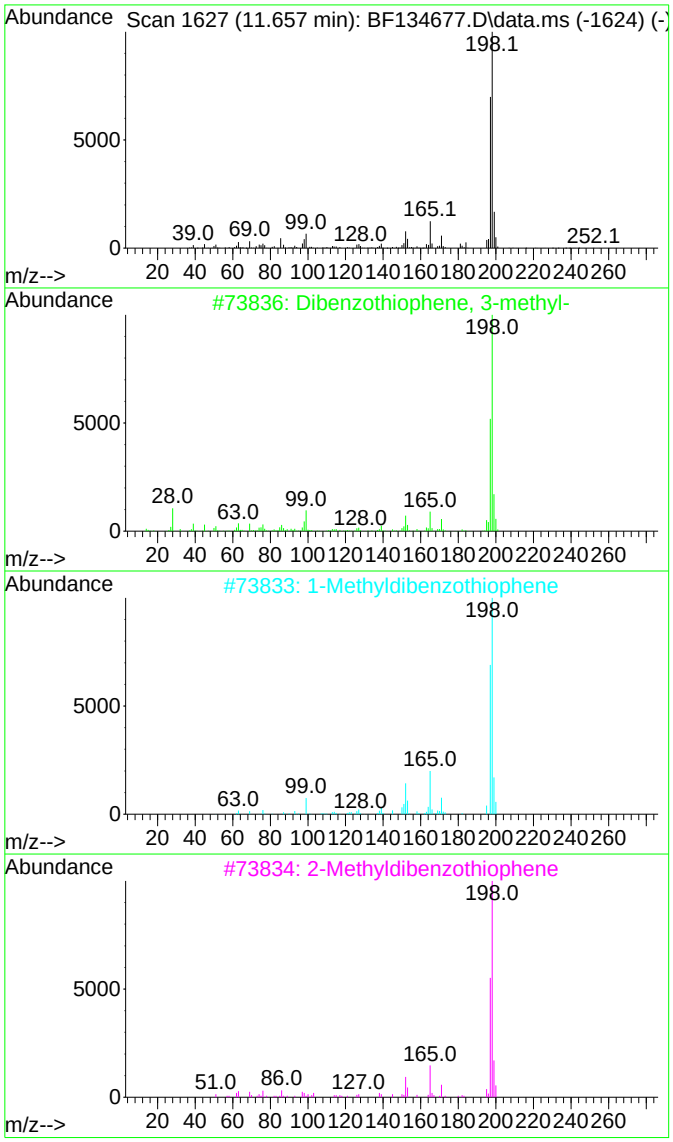
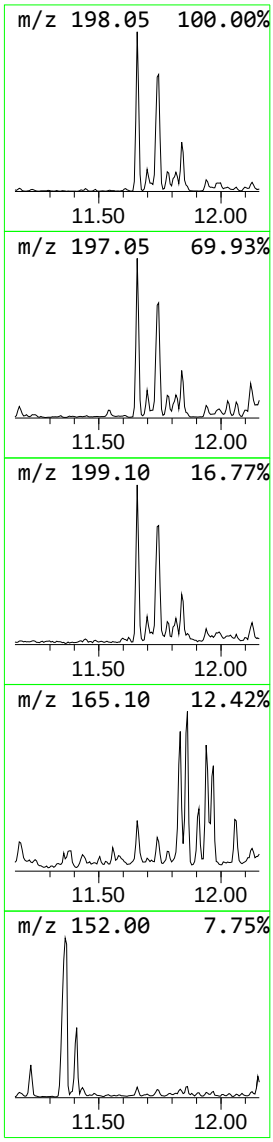
Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	11.74 ng	579121	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	96
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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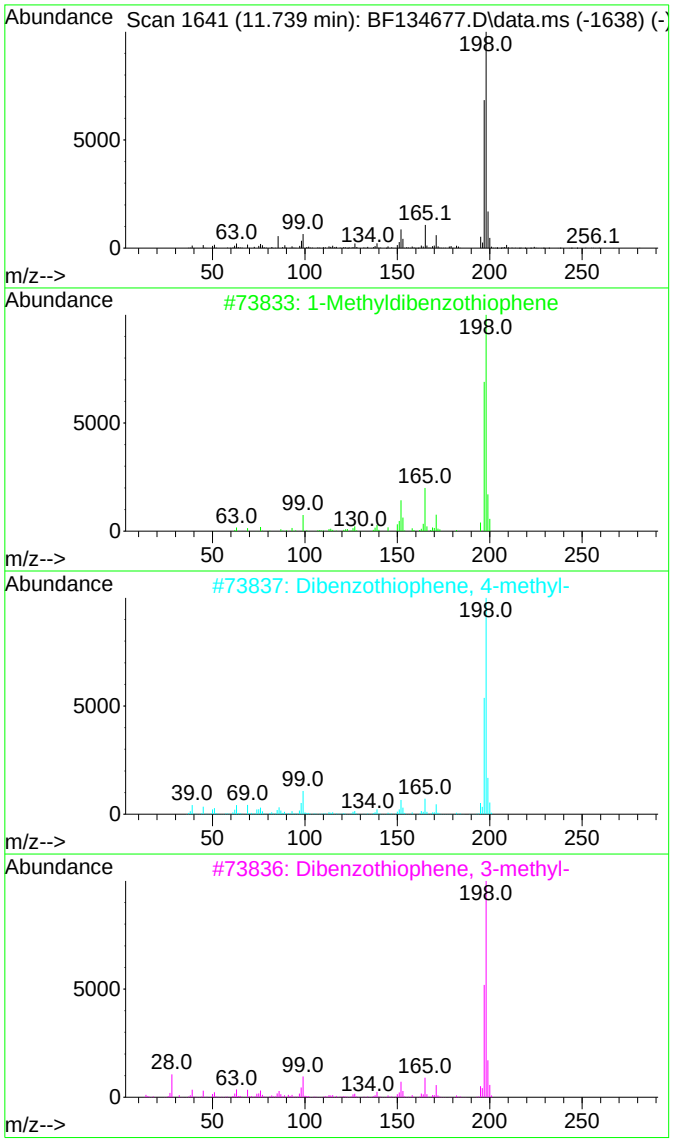
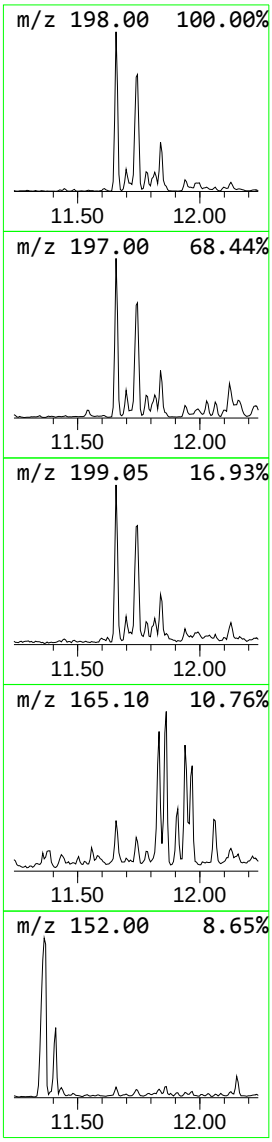
Peak Number 8 1-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	10.62 ng	524121	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	86
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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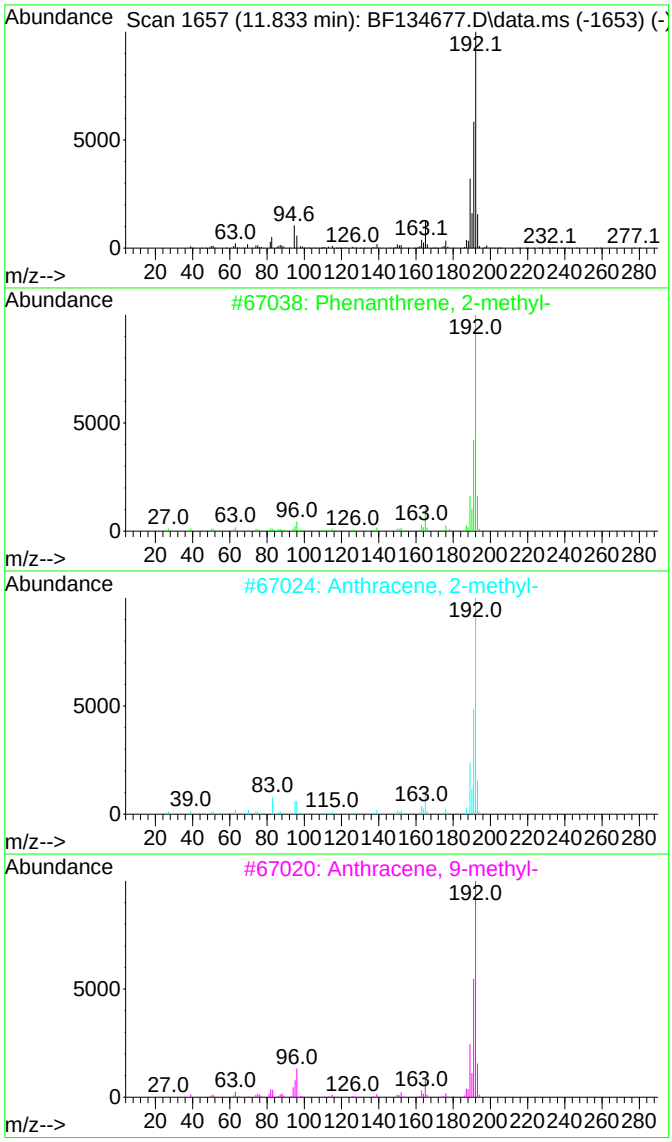
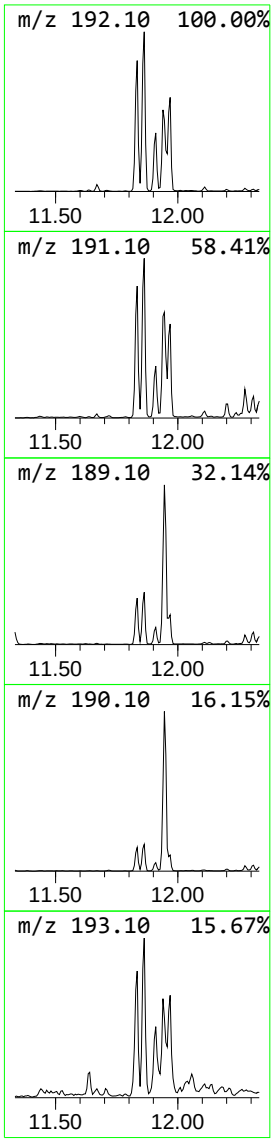
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	38.83 ng	1915570	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Instrument :
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ClientSampleId :
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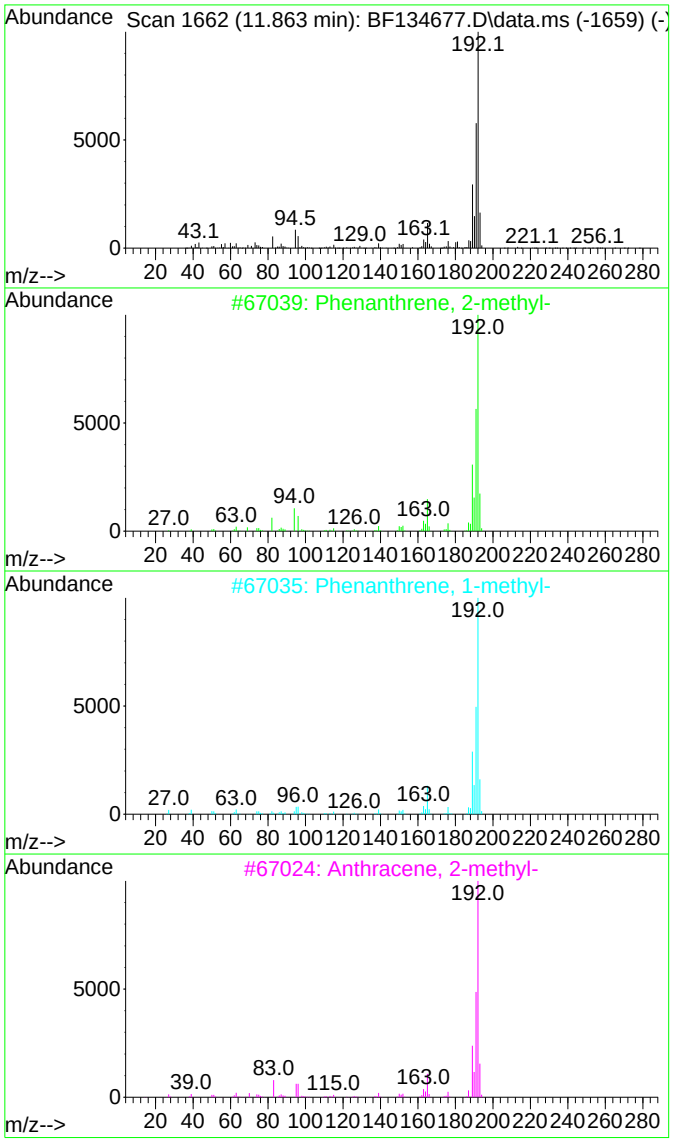
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

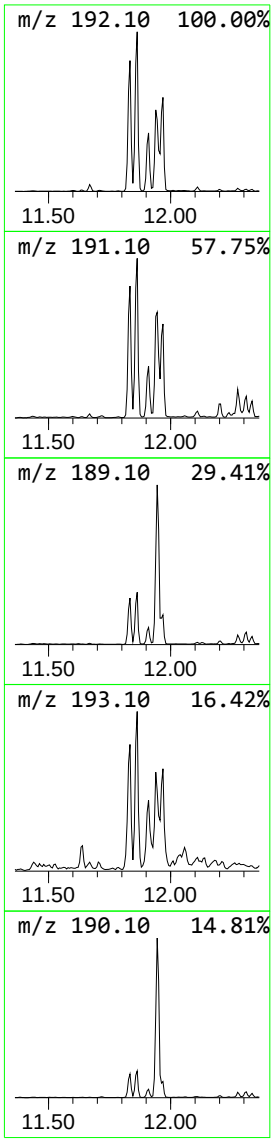
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	47.80 ng	2357920	Phenanthrene-d10	11.328

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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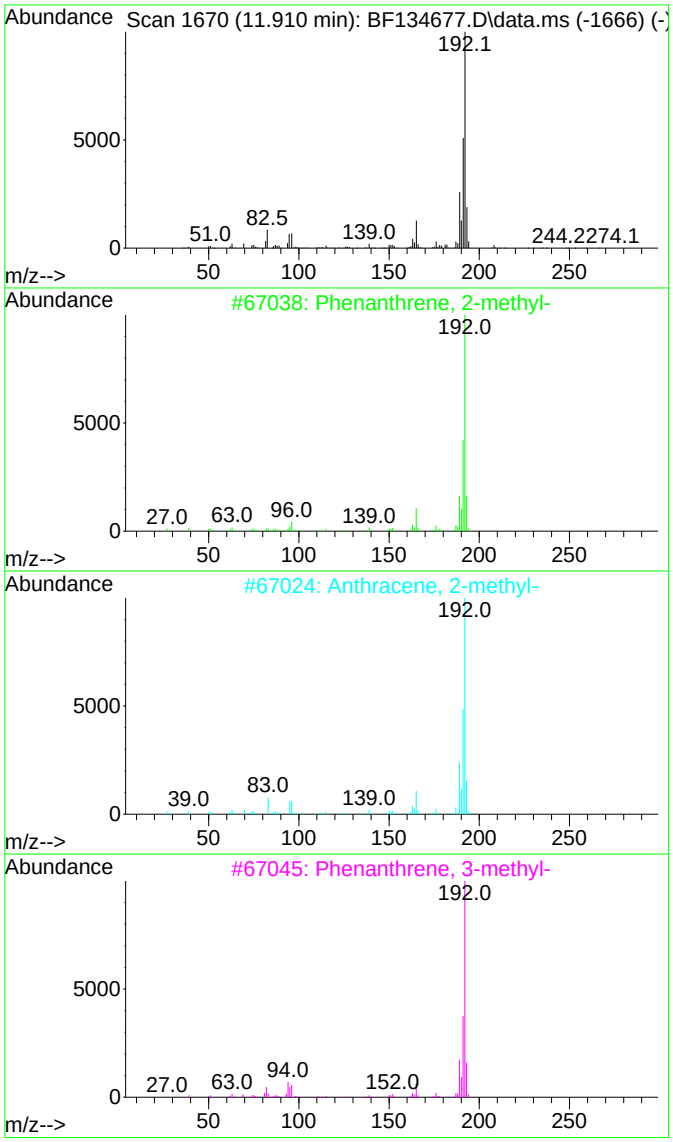
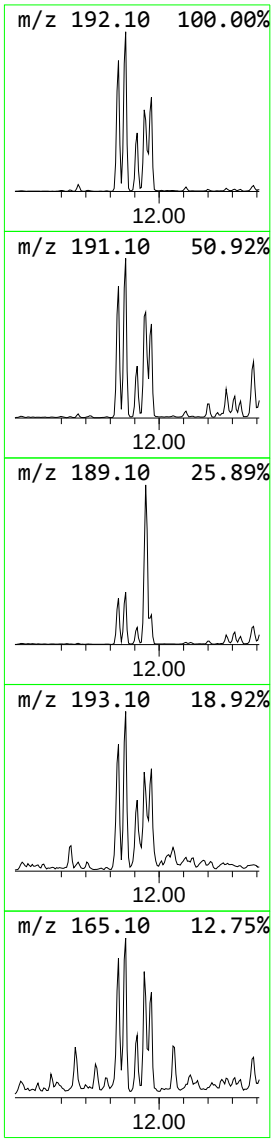
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	16.41 ng	809690	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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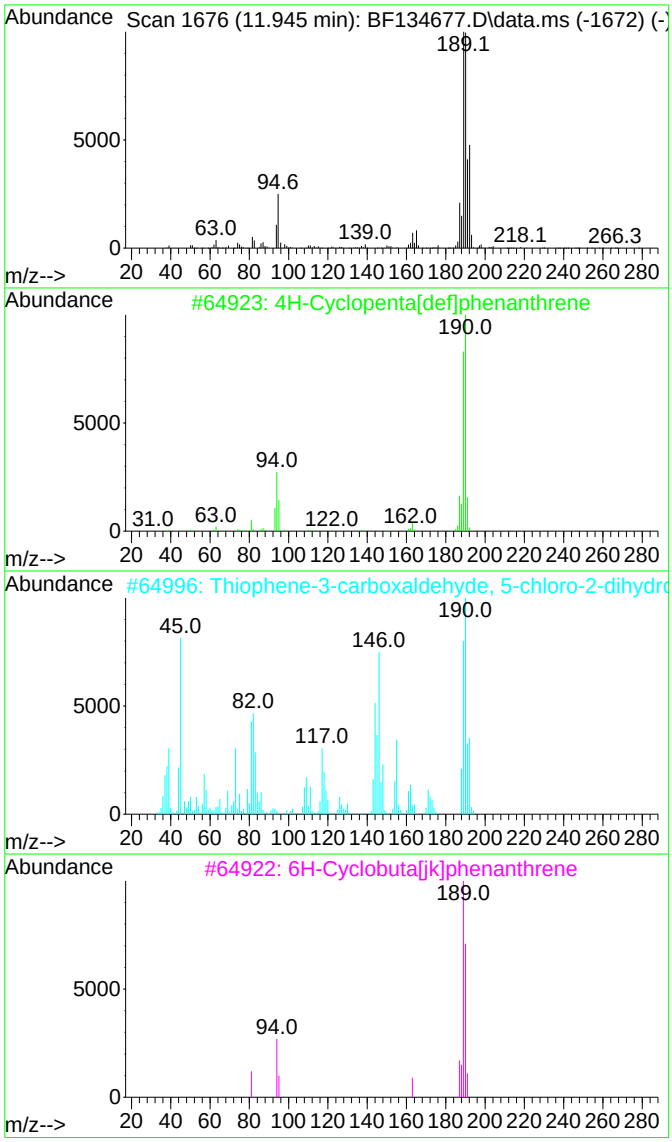
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

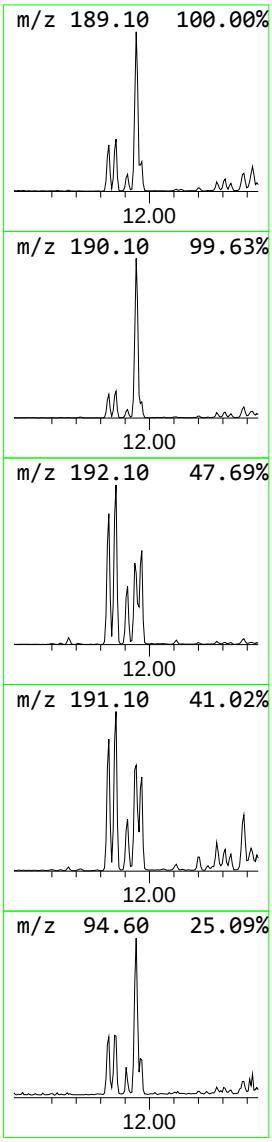
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	66.12 ng	3261950	Phenanthrene-d10	11.328

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	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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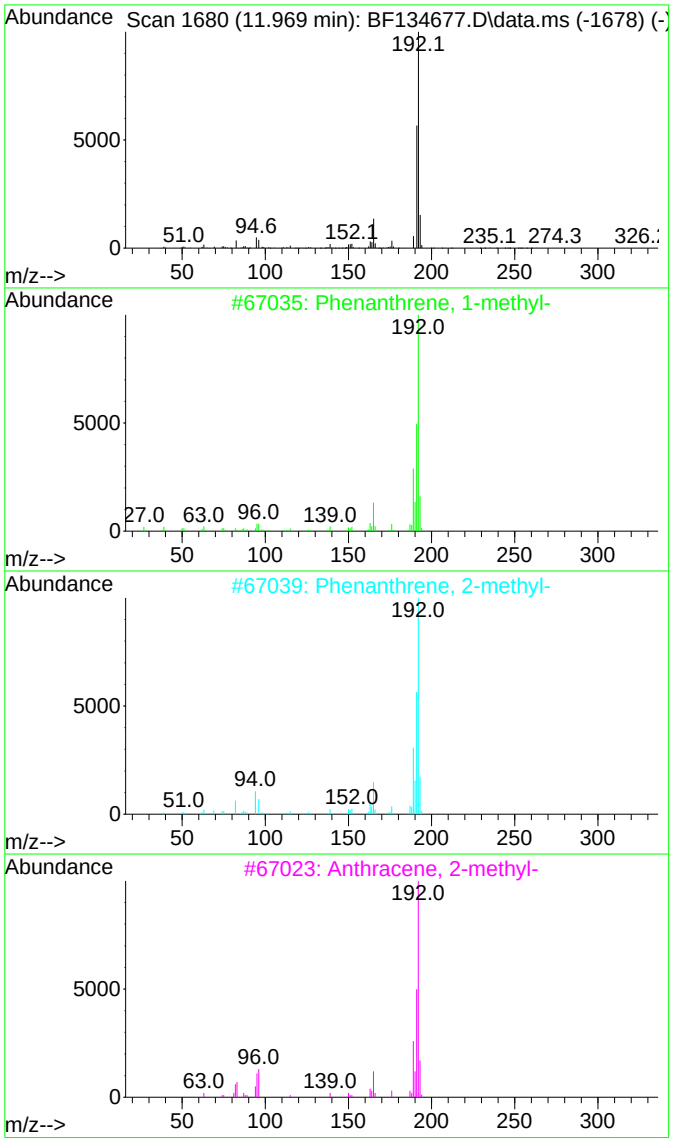
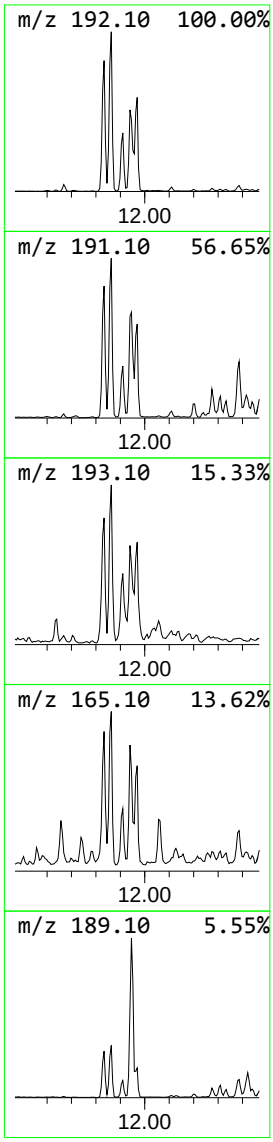
Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	22.06 ng	1088110	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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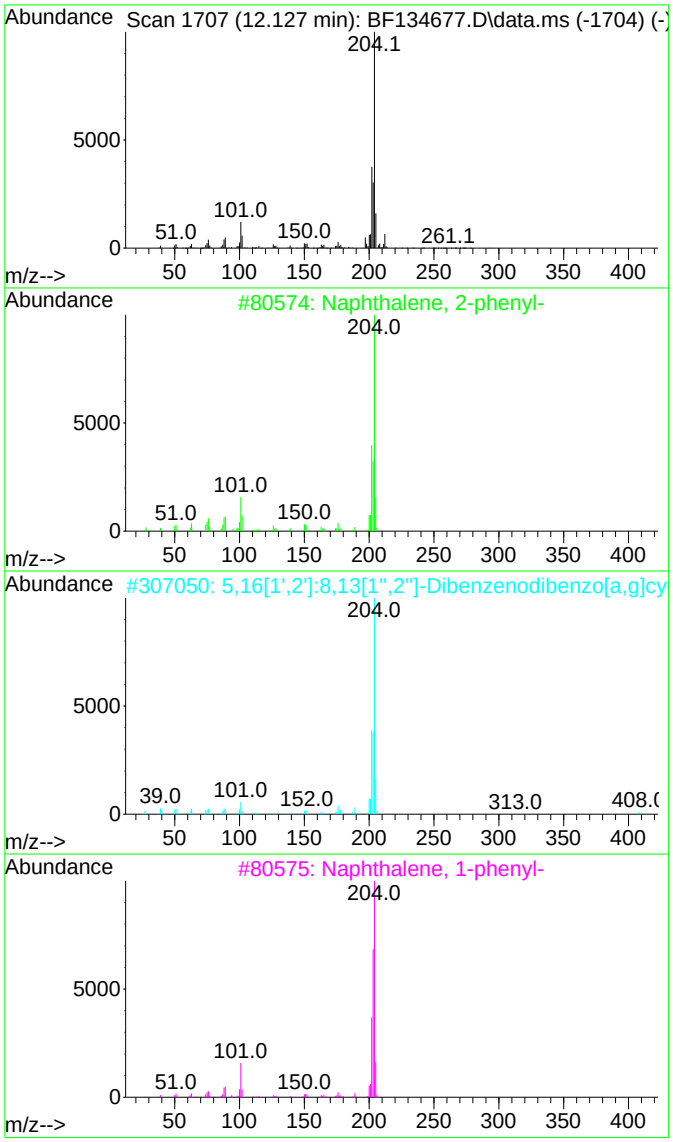
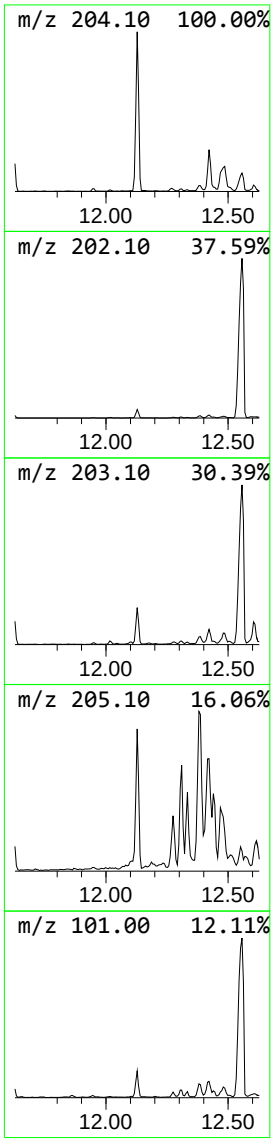
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	20.78 ng	1025250	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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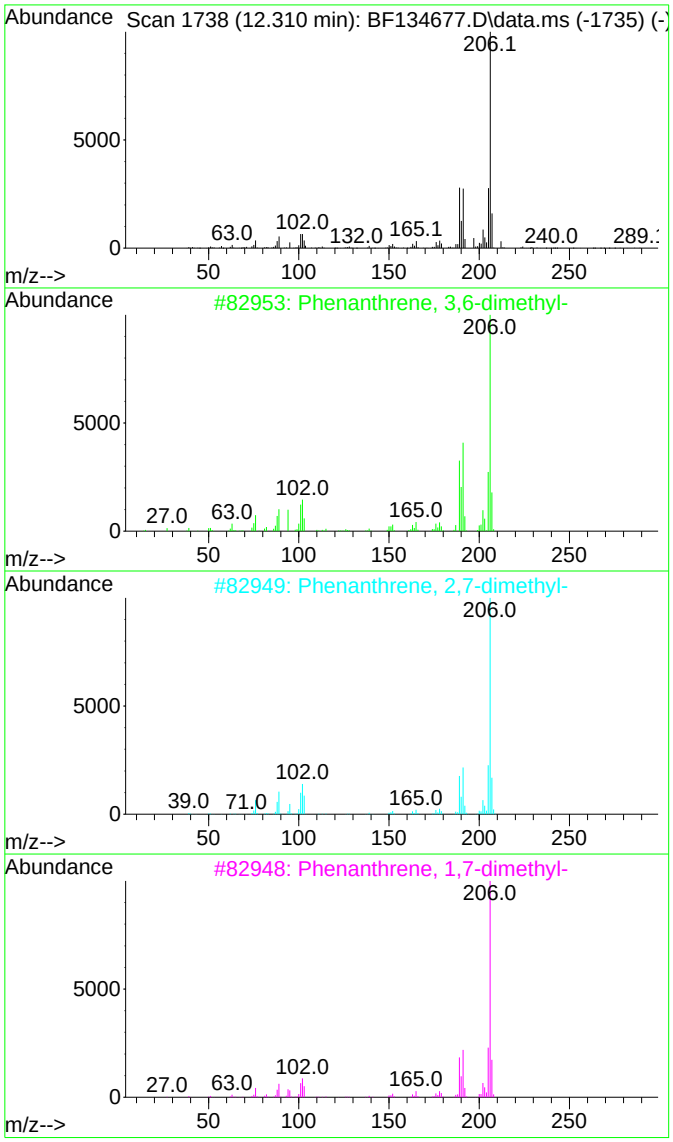
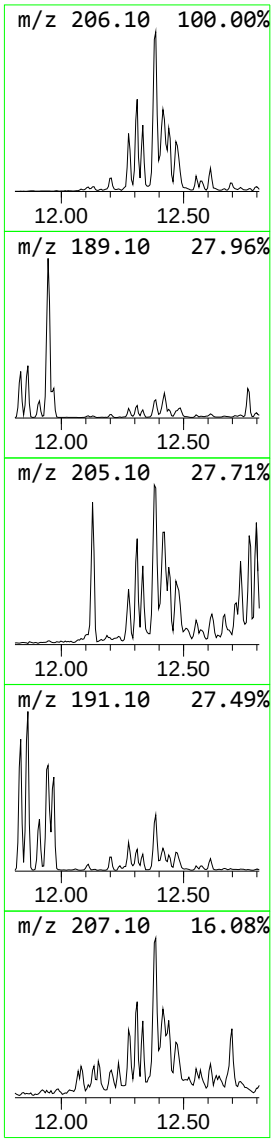
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	12.09 ng	596653	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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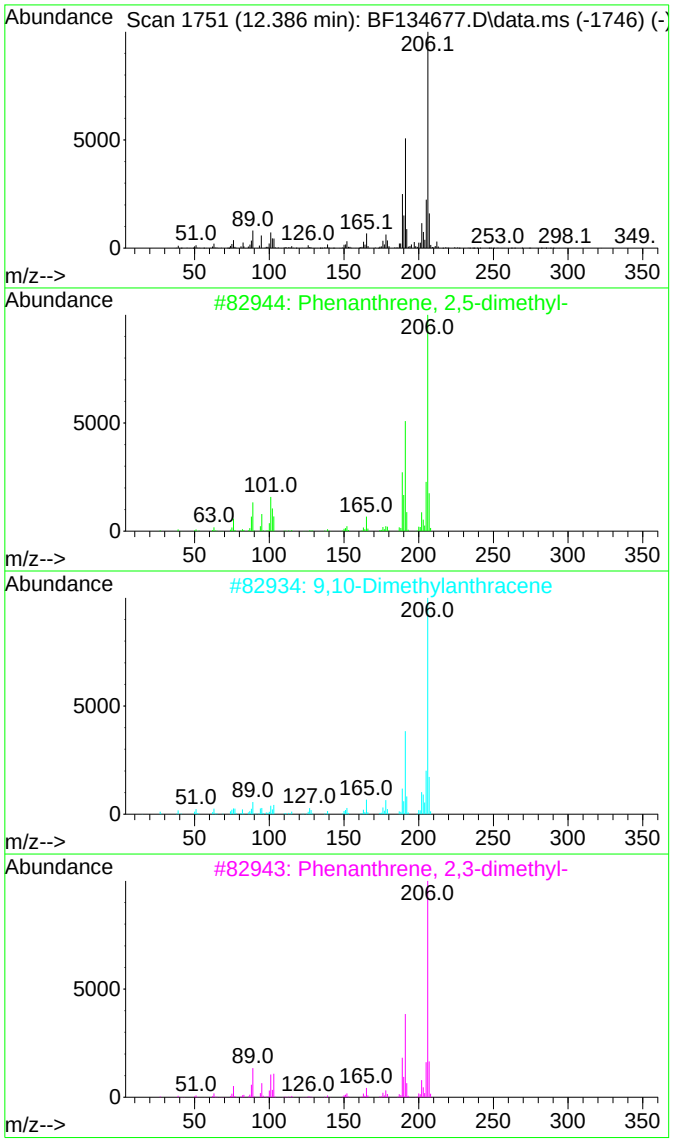
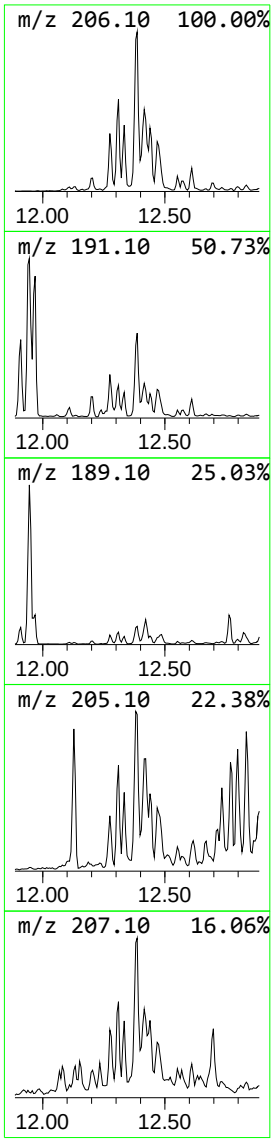
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	28.16 ng	1389400	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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Acq On : 08 Aug 2023 18:06
Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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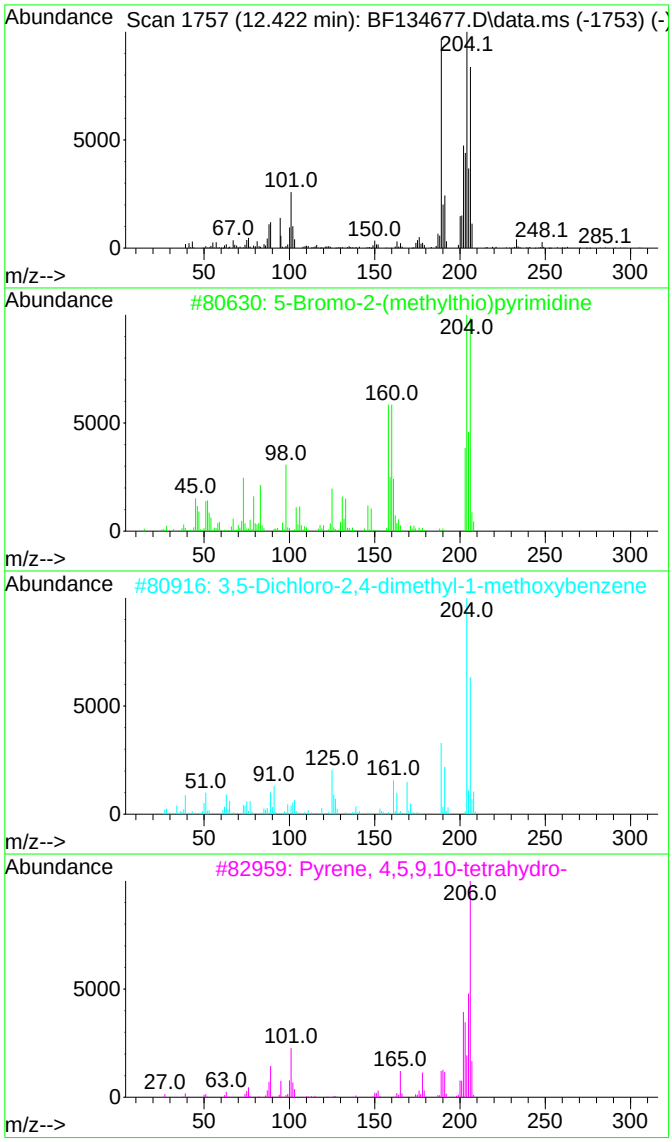
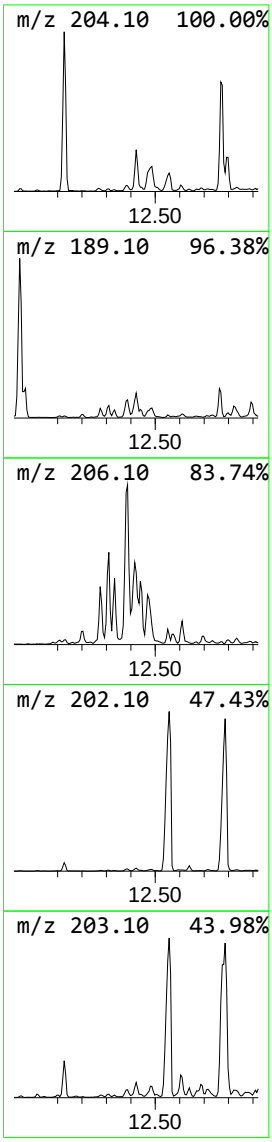
Peak Number 17 unknown12.422 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	21.50 ng	1060620	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	43
2	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	43
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35





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Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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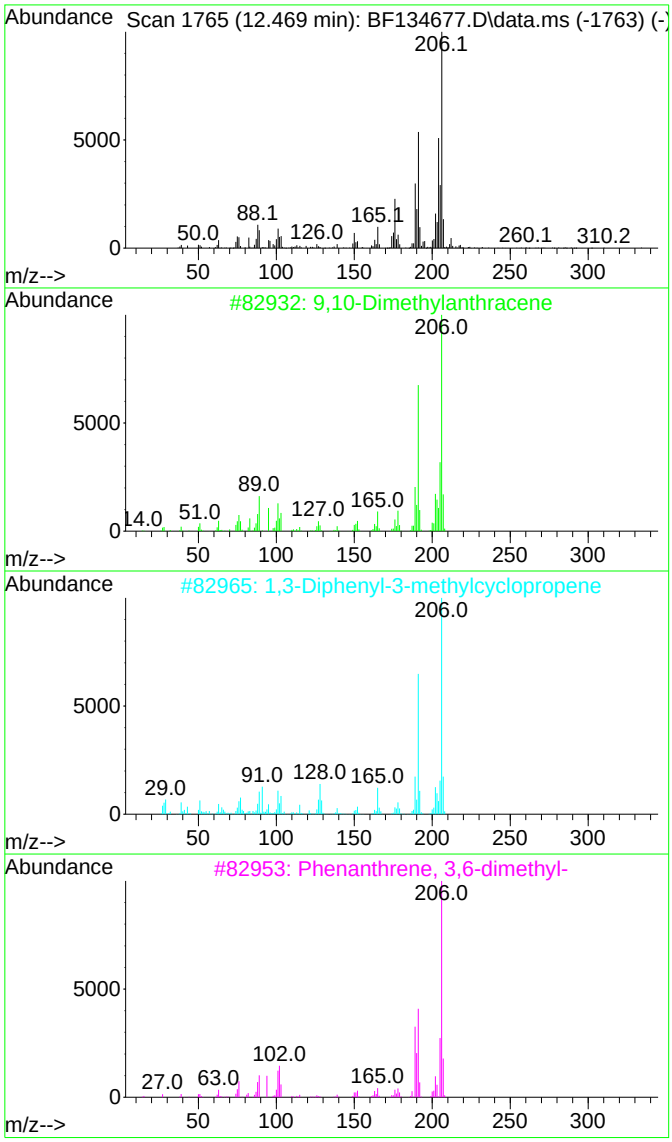
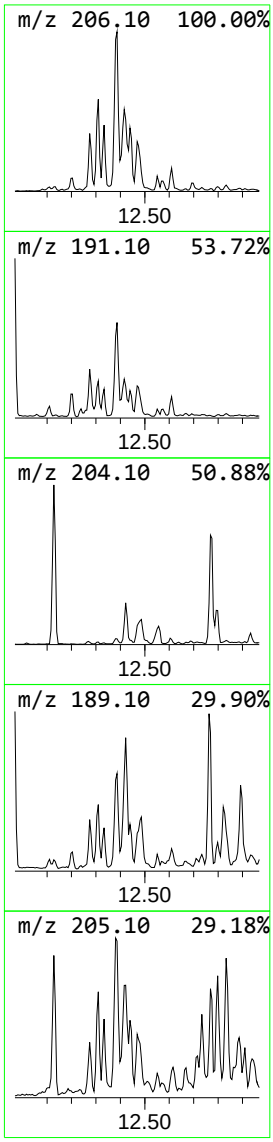
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	13.71 ng	676561	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	83
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64





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Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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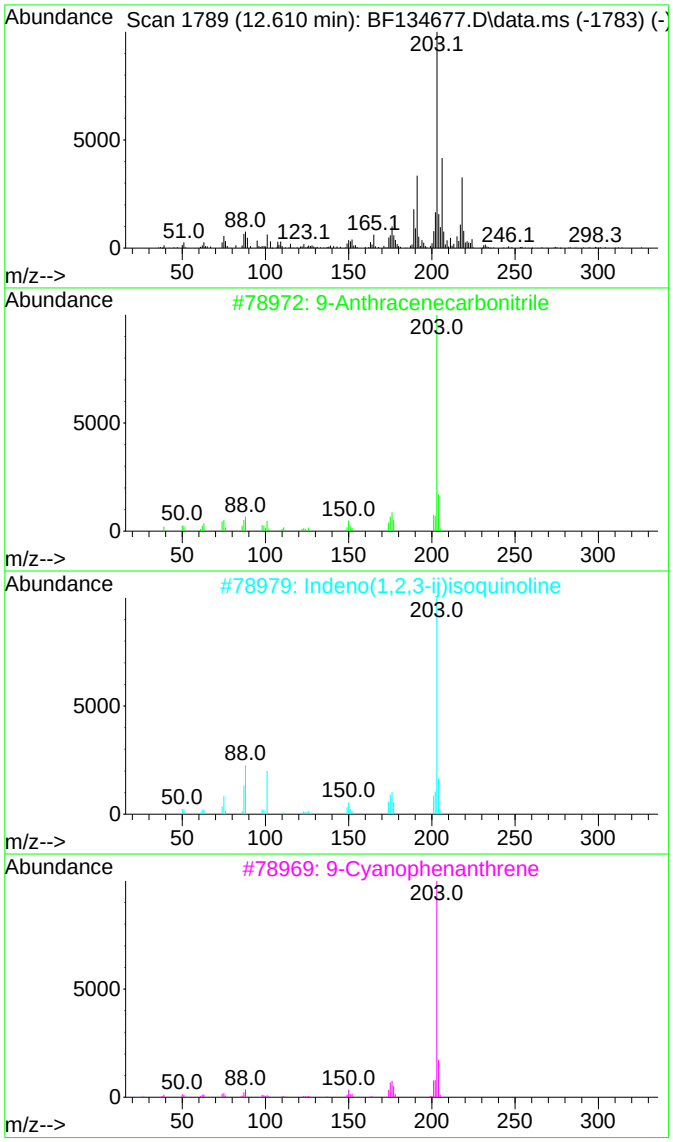
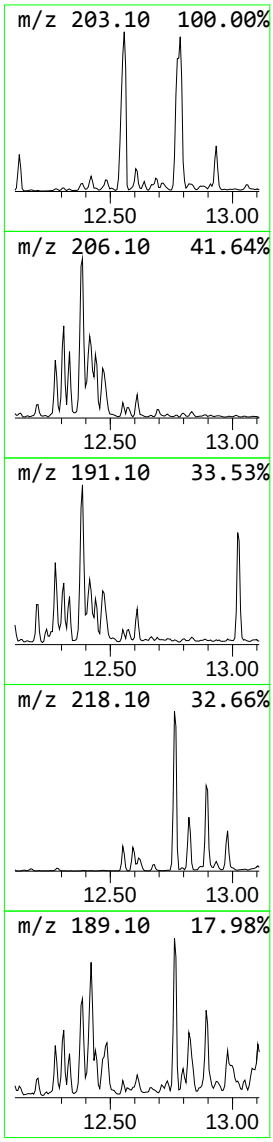
Peak Number 19 9-Anthracenecarbonitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	11.49 ng	566988	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	86
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	84
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	46
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	46
5	4-Azapyrene	203	C15H9N	000194-03-6	46





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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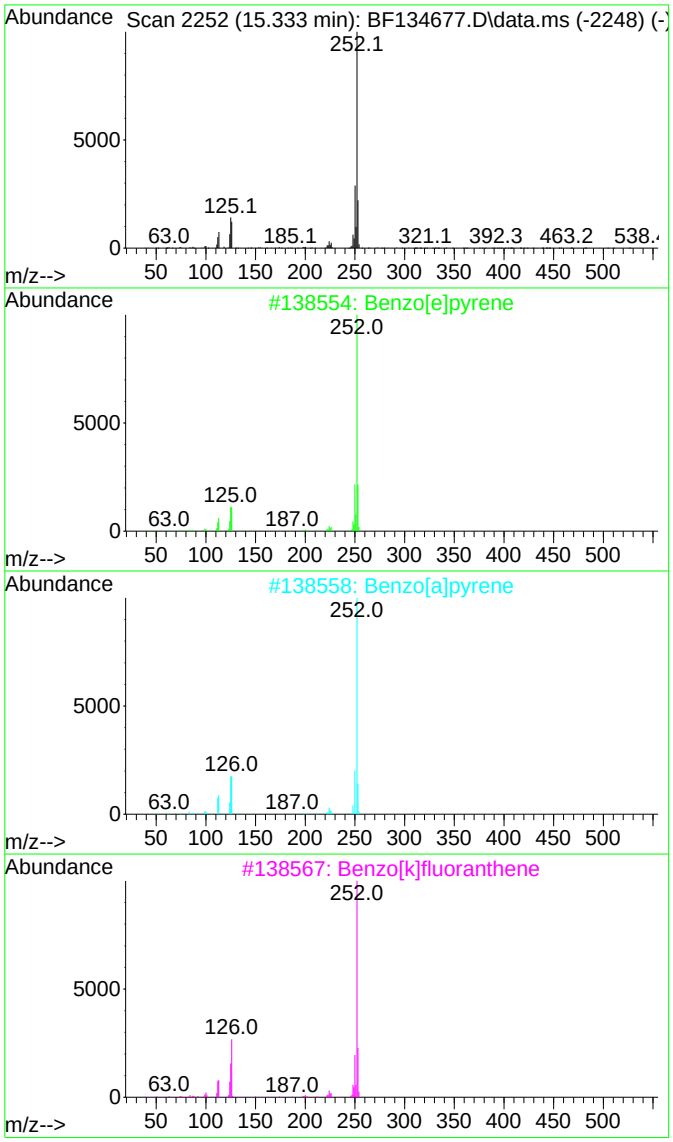
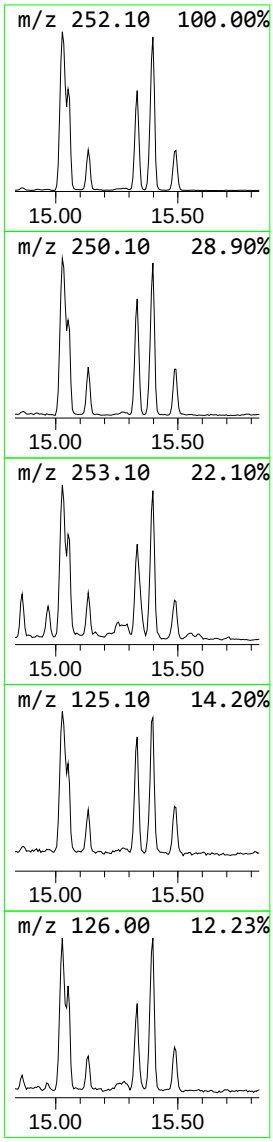
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	42.64 ng	1199580	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Data File : BF134677.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	9.422	20.8	ng	1589870	3	9.833	1532360	20.0
Naphthalene, 2,...	9.492	24.1	ng	1843900	3	9.833	1532360	20.0
Naphthalene, 1,...	9.522	12.9	ng	984542	3	9.833	1532360	20.0
Naphthalene, 2,...	9.610	11.9	ng	912327	3	9.833	1532360	20.0
9H-Fluorene, 2-...	10.933	23.9	ng	1177140	4	11.328	986676	20.0
Dibenzothiophene	11.222	29.1	ng	1437290	4	11.328	986676	20.0
Dibenzothiophen...	11.657	11.7	ng	579121	4	11.328	986676	20.0
1-Methyldibenzo...	11.739	10.6	ng	524121	4	11.328	986676	20.0
Phenanthrene, 2...	11.833	38.8	ng	1915570	4	11.328	986676	20.0
Phenanthrene, 1...	11.863	47.8	ng	2357920	4	11.328	986676	20.0
Anthracene, 2-m...	11.910	16.4	ng	809690	4	11.328	986676	20.0
4H-Cyclopenta[d...	11.945	66.1	ng	3261950	4	11.328	986676	20.0
1H-Indene, 2-ph...	11.969	22.1	ng	1088110	4	11.328	986676	20.0
Naphthalene, 2-...	12.127	20.8	ng	1025250	4	11.328	986676	20.0
Phenanthrene, 3...	12.310	12.1	ng	596653	4	11.328	986676	20.0
Phenanthrene, 2...	12.386	28.2	ng	1389400	4	11.328	986676	20.0
unknown12.422	12.422	21.5	ng	1060620	4	11.328	986676	20.0
9,10-Dimethylan...	12.469	13.7	ng	676561	4	11.328	986676	20.0
9-Anthracenecar...	12.610	11.5	ng	566988	4	11.328	986676	20.0
Benzo[e]pyrene	15.333	42.6	ng	1199580	6	15.457	562641	20.0