LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136325.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	565	569	572	rBV	1118434	915694	4.91%	0.505%
2	6.434	735	739	742	rBV	1014890	782037	4.20%	0.431%
3	6.804	799	802	806	rBV	667507	540143	2.90%	0.298%
4	7.363	894	897	901	rVB	613732	508916	2.73%	0.280%
5	8.087	1014	1020	1021	rBV	657529	826326	4.43%	0.455%
6	8.110	1021	1024	1027	rVV	5356976	4699507	25.22%	2.590%
7	8.798	1137	1141	1144	rVB	2313368	1719461	9.23%	0.948%
8	8.898	1154	1158	1161	rVB	1187408	1048396	5.63%	0.578%
9	9.157	1199	1202	1205	rBV	1227801	942178	5.06%	0.519%
10	9.257	1217	1219	1222	rVB	527303	435960	2.34%	0.240%
11	9.428	1242	1248	1251	rBV	461624	661463	3.55%	0.365%
12	9.498	1254	1260	1262	rBV	715163	682419	3.66%	0.376%
13	9.522	1262	1264	1267	rVB	469905	380680	2.04%	0.210%
14	9.616	1277	1280	1285	rVB	362817	386379	2.07%	0.213%
15	9.698	1291	1294	1299	rVB	398023	315243	1.69%	0.174%
16	9.839	1312	1318	1321	rBV2	852478	941843	5.05%	0.519%
17	9.875	1321	1324	1327	rVV	2923613	2267849	12.17%	1.250%
18	10.051	1350	1354	1357	rVB	2524380	2264071	12.15%	1.248%
19	10.398	1408	1413	1416	rBV	4713345	4280428	22.97%	2.359%
20	10.475	1424	1426	1429	rVB	376624	293140	1.57%	0.162%
21	10.545	1436	1438	1442	rVB	692172	626242	3.36%	0.345%
22	10.628	1447	1452	1457	rVV	1353304	1556365	8.35%	0.858%
23	10.757	1469	1474	1481	rVB4	376021	539754	2.90%	0.297%
24	10.939	1499	1505	1508	rBV2	691557	827601	4.44%	0.456%
25	10.969	1508	1510	1513	rVV2	343078	331347	1.78%	0.183%
26	11.022	1516	1519	1522	rVV	321318	310491	1.67%	0.171%
27	11.069	1522	1527	1529	rVV3	279710	387872	2.08%	0.214%
28	11.092	1529	1531	1536	rVV2	341201	409535	2.20%	0.226%
29	11.139	1536	1539	1543	rVV2	236143	267097	1.43%	0.147%
30	11.180	1543	1546	1549	rVV	333126	376816	2.02%	0.208%
31	11.227	1552	1554	1561	rVB	1247565	1251663	6.72%	0.690%
32	11.386	1568	1581	1583	rBV	10847533	17859310	95.83%	9.842%
33	11.427	1583	1588	1590	rVV	6076765	5594799	30.02%	3.083%
34	11.445	1590	1591	1594	rVB	399052	289599	1.55%	0.160%
35	11.569	1605	1612	1615	rBV	1910508	1942648	10.42%	1.071%
36	11.633	1620	1623	1626	rVV3	602648	503773	2.70%	0.278%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.669	1626	1629	1633	rVB2	255513	324602	1.74%	0.179%
38	11.839	1653	1658	1661	rBV	1687407	1753236	9.41%	0.966%
39	11.869	1661	1663	1668	rVV	2612063	2386529	12.81%	1.315%
40	11.922	1668	1672	1675	rVV	1124115	1015218	5.45%	0.559%
41	11.957	1675	1678	1680	rVV	3759093	3968865	21.30%	2.187%
42	11.975	1680	1681	1685	rVB	1138250	874986	4.70%	0.482%
43	12.016	1685	1688	1691	rBV2	247536	264046	1.42%	0.146%
44	12.045	1691	1693	1696	rVB	405610	297001	1.59%	0.164%
45	12.139	1706	1709	1712	rVV	1426152	1123490	6.03%	0.619%
46	12.286	1730	1734	1737	rBV2	300280	313435	1.68%	0.173%
47	12.316	1737	1739	1741	rBV	366304	268980	1.44%	0.148%
48	12.339	1741	1743	1748	rVB2	280651	263306	1.41%	0.145%
49	12.392	1748	1752	1755	rBV	711100	862474	4.63%	0.475%
50	12.433	1755	1759	1765	rVB4	510590	863980	4.64%	0.476%
51	12.492	1765	1769	1775	rVB2	471190	626811	3.36%	0.345%
52	12.586	1776	1785	1787	rBV	10741238	18635680	100.00%	10.270%
53	12.622	1790	1791	1794	rVB	421768	311046	1.67%	0.171%
54	12.710	1802	1806	1809	rVB	805950	721741	3.87%	0.398%
55	12.816	1816	1824	1826	rBV3	9747217	18257393	97.97%	10.062%
56	12.839	1826	1828	1833	rVB2	864790	820271	4.40%	0.452%
57	12.910	1836	1840	1842	rBV	1136173	1113033	5.97%	0.613%
58	12.933	1842	1844	1846	rBV	1202710	969667	5.20%	0.534%
59	13.010	1851	1857	1860	rBV2	1030307	1788411	9.60%	0.986%
60	13.039	1860	1862	1865	rVB	600643	431009	2.31%	0.238%
61	13.098	1865	1872	1873	rBV3	954067	1187167	6.37%	0.654%
62	13.127	1873	1877	1879	rVB	3283346	3178044	17.05%	1.751%
63	13.192	1884	1888	1890	rBV	3393400	3053241	16.38%	1.683%
64	13.227	1890	1894	1897	rVV2	1534635	1627271	8.73%	0.897%
65	13.280	1901	1903	1906	rBV2	322582	294930	1.58%	0.163%
66	13.316	1906	1909	1912	rVB	628664	540595	2.90%	0.298%
67	13.345	1912	1914	1918	rBV2	742827	779429	4.18%	0.430%
68	13.539	1946	1947	1950	rVB	417583	325977	1.75%	0.180%
69	13.604	1955	1958	1960	rBV	532975	596558	3.20%	0.329%
70	13.627	1960	1962	1967	rVB2	422795	577401	3.10%	0.318%
71	13.739	1977	1981	1984	rBV	980753	1203032	6.46%	0.663%
72	13.774	1984	1987	1989	rVV	1361980	1519051	8.15%	0.837%
73	13.798	1989	1991	1996	rVV3	1191451	1723693	9.25%	0.950%
74	13.845	1996	1999	2002	rVB2	450270	466664	2.50%	0.257%
75	13.910	2008	2010	2013	rVB	333324	301393	1.62%	0.166%
76	13.998	2018	2025	2028	rBV2	6110853	10205841	54.77%	5.624%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.039	2028	2032	2036	rVB	6090367	6766069	36.31%	3.729%
78	14.110	2041	2044	2047	rVV	2092585	1737960	9.33%	0.958%
79	14.145	2047	2050	2055	rVV3	513997	776385	4.17%	0.428%
80	14.192	2055	2058	2059	rVV	523780	493905	2.65%	0.272%
81	14.221	2059	2063	2067	rVB2	587629	845984	4.54%	0.466%
82	14.345	2081	2084	2086	rVV2	418447	496335	2.66%	0.274%
83	14.386	2087	2091	2094	rVV	1179151	1224332	6.57%	0.675%
84	14.416	2094	2096	2100	rVB2	509349	474228	2.54%	0.261%
85	14.480	2104	2107	2110	rVV2	699337	686167	3.68%	0.378%
86	14.510	2110	2112	2114	rVV	560888	461572	2.48%	0.254%
87	14.533	2114	2116	2119	rVB	993075	779707	4.18%	0.430%
88	14.886	2173	2176	2178	rBV	263280	267398	1.43%	0.147%
89	15.063	2199	2206	2209	rBV	3129250	6091961	32.69%	3.357%
90	15.163	2220	2223	2227	rVB	986422	1010398	5.42%	0.557%
91	15.368	2253	2258	2264	rVB	1775276	2647295	14.21%	1.459%
92	15.445	2264	2271	2275	rVB	2836760	4207752	22.58%	2.319%
93	15.492	2275	2279	2281	rBV	356453	465946	2.50%	0.257%
94	15.527	2281	2285	2291	rVB2	998281	1367566	7.34%	0.754%
95	16.062	2373	2376	2385	rVB2	281223	455861	2.45%	0.251%
96	16.215	2398	2402	2407	rVB2	229961	333115	1.79%	0.184%
97	17.021	2531	2539	2545	rVB2	1190075	2696078	14.47%	1.486%
98	17.192	2565	2568	2573	rVB2	226111	369928	1.99%	0.204%
99	17.486	2609	2618	2627	rBV	873625	2100343	11.27%	1.158%
100	17.721	2653	2658	2671	rVB2	387351	894637	4.80%	0.493%

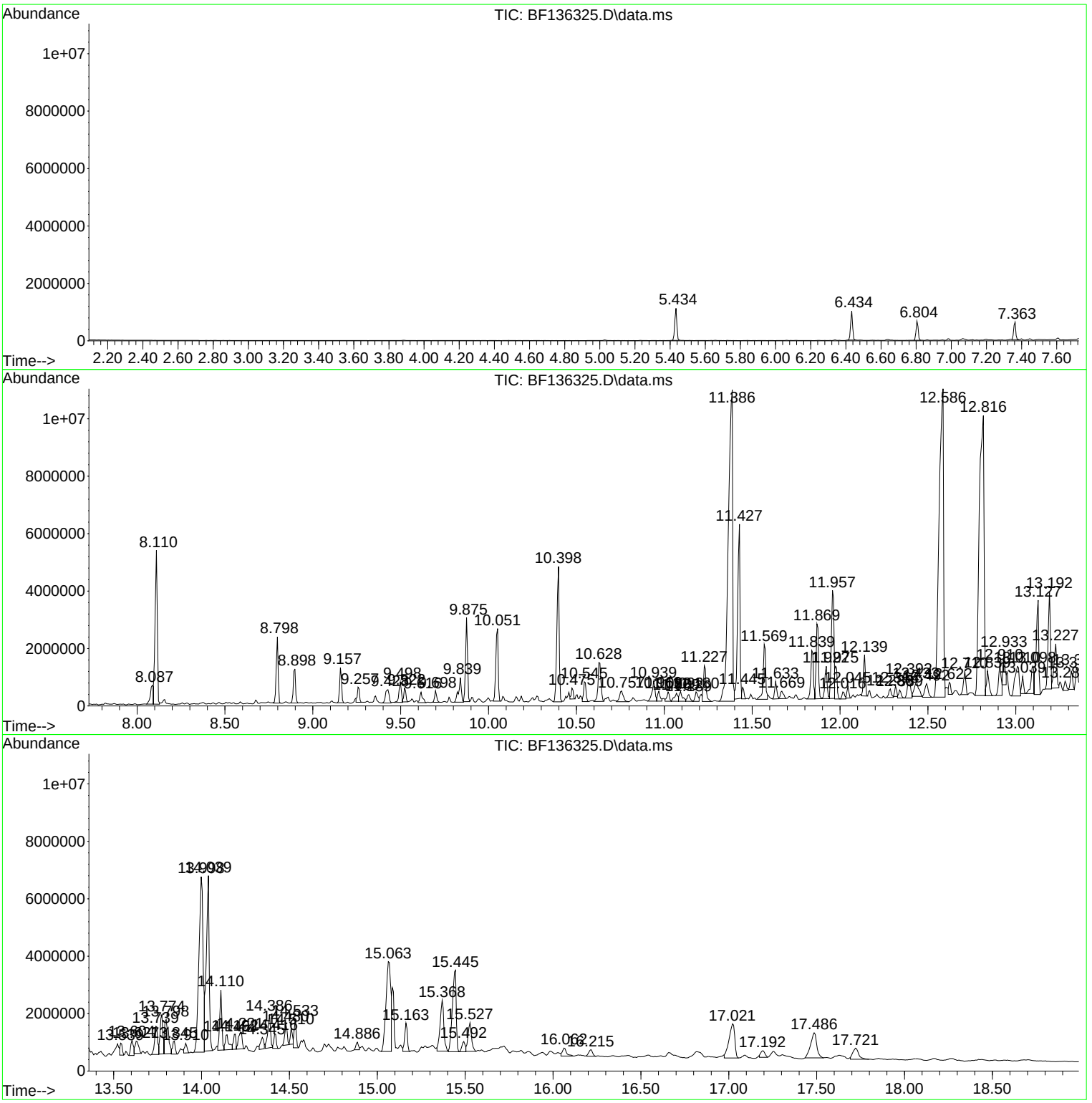
Sum of corrected areas: 181453464

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

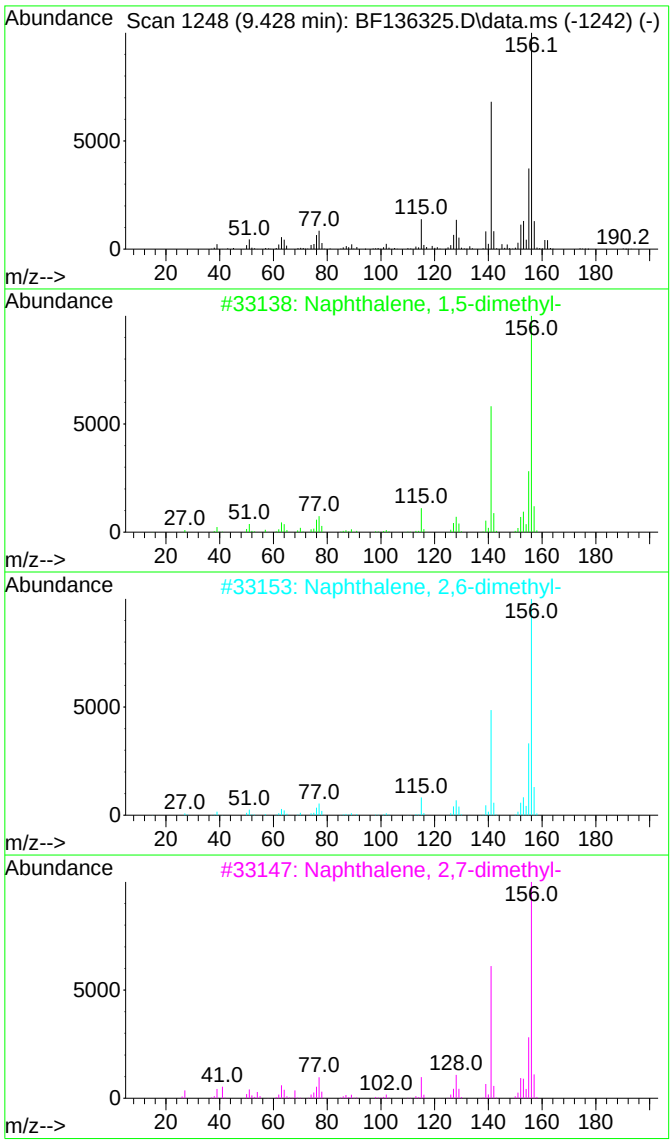
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

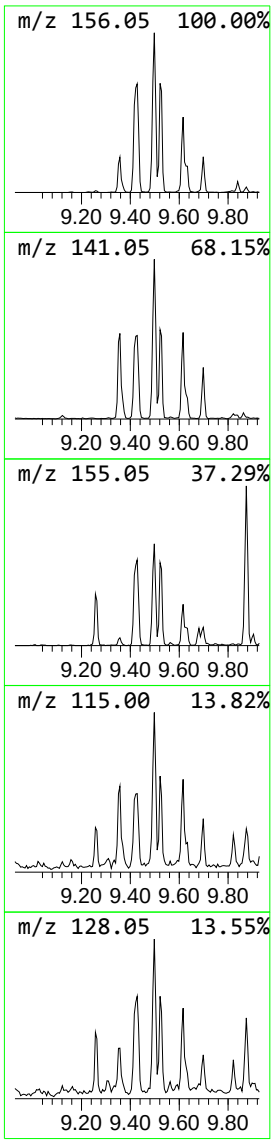
****

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	14.05 ng	661463	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

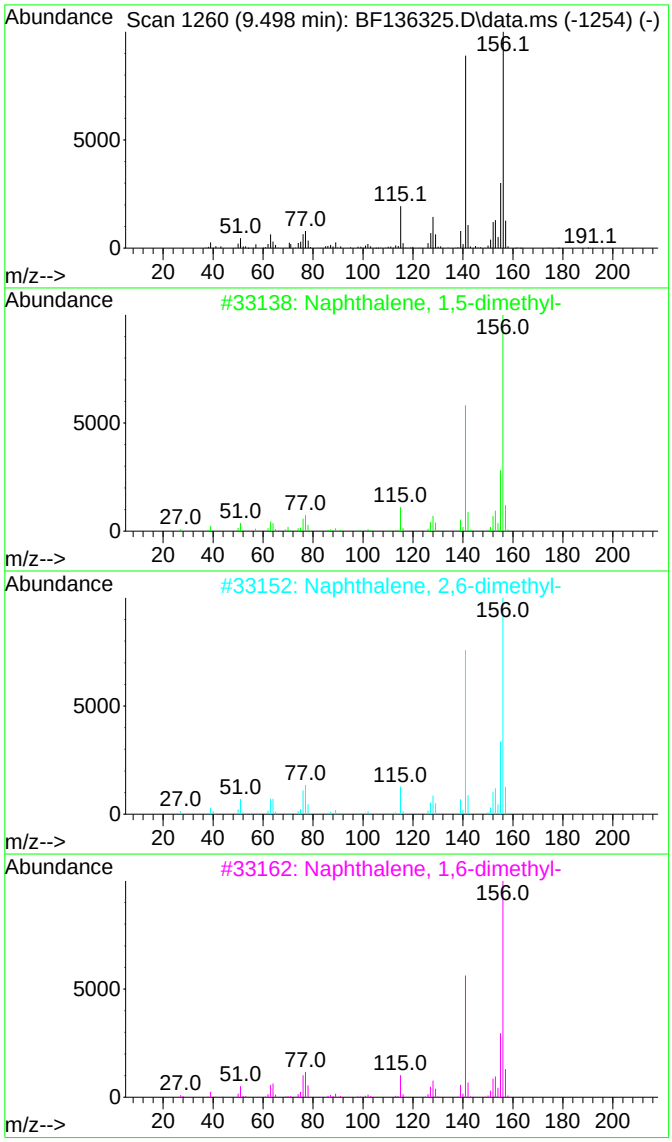
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

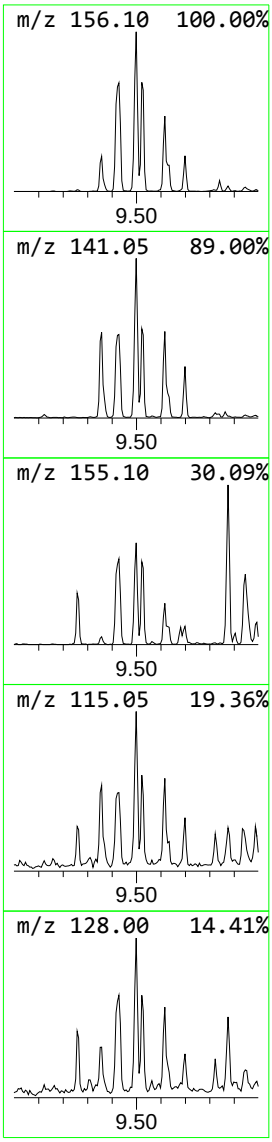
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	14.49 ng	682419	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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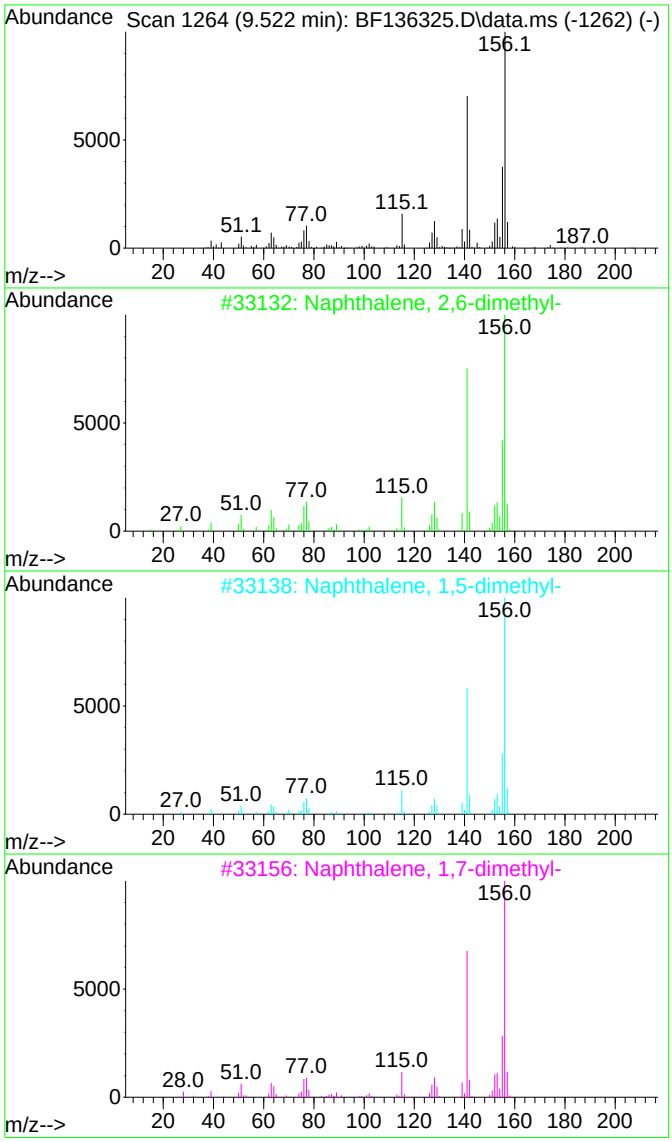
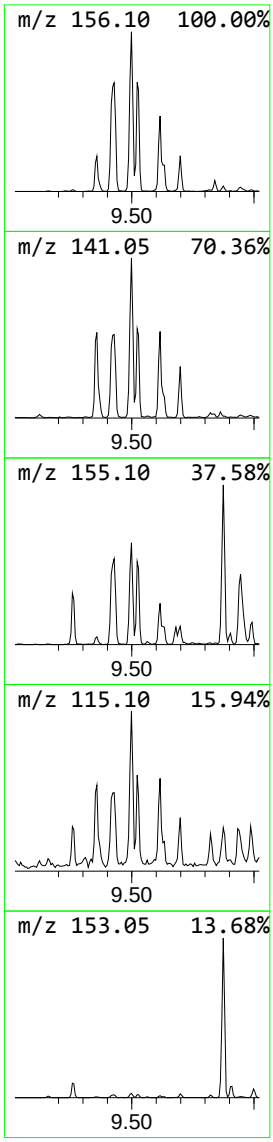
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	8.08 ng	380680	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

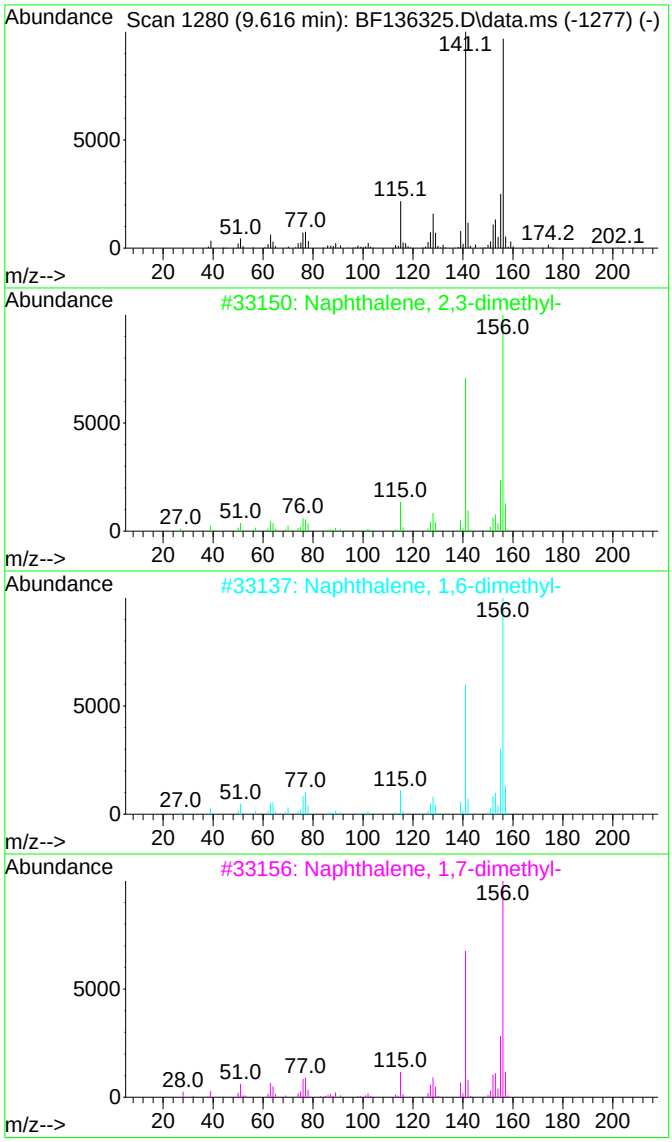
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

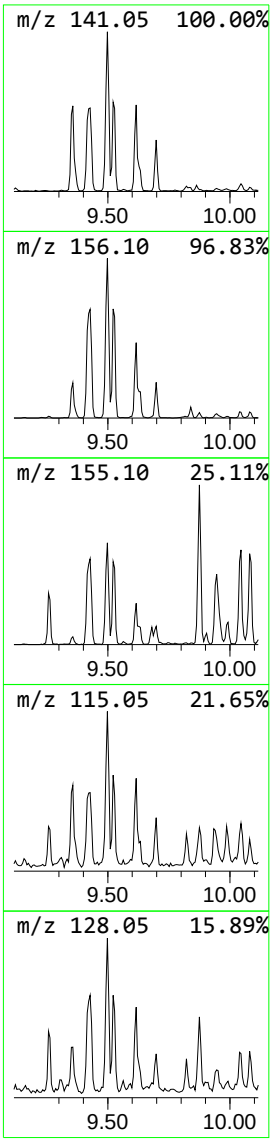
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	8.20 ng	386379	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

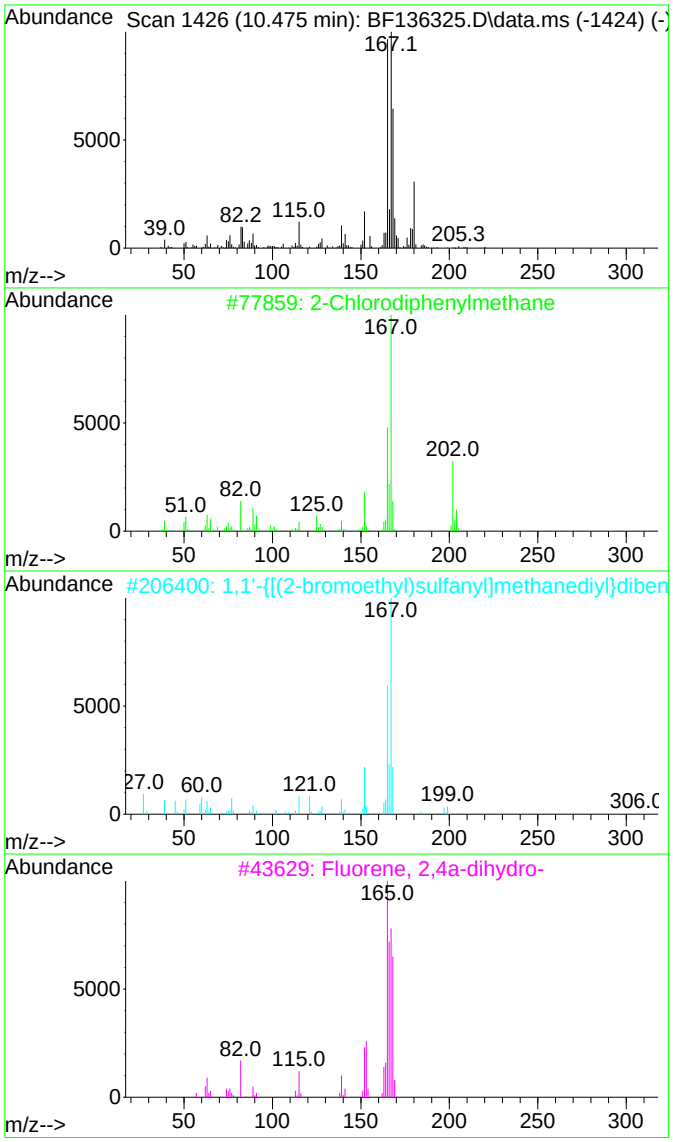
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

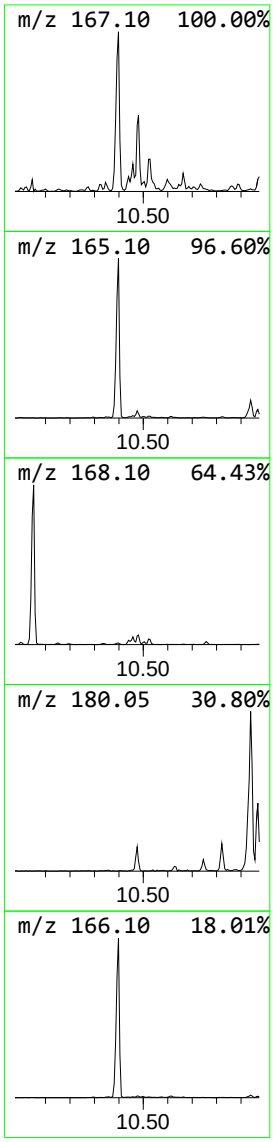
****

Peak Number 5 unknown10.475 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	6.22 ng	293140	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorodiphenylmethane	202	C13H11Cl	029921-41-3	46
2	1,1'-{[(2-bromoethyl)sulfanyl]me...	306	C15H15BrS	1000397-64-1	43
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	43
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	42
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	42





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Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
EO-03-112923

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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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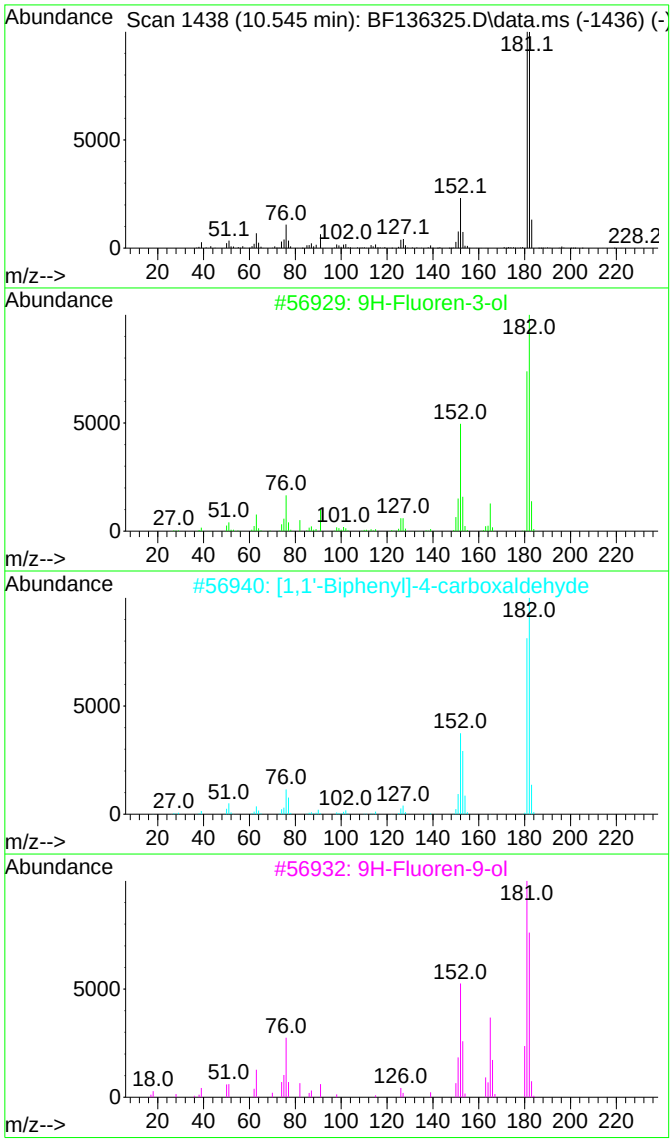
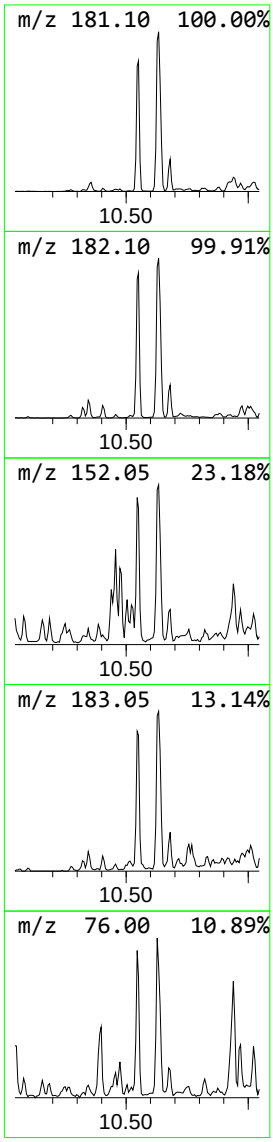
Peak Number 6 9H-Fluoren-3-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	13.30 ng	626242	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64





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ClientSampleId :
EO-03-112923

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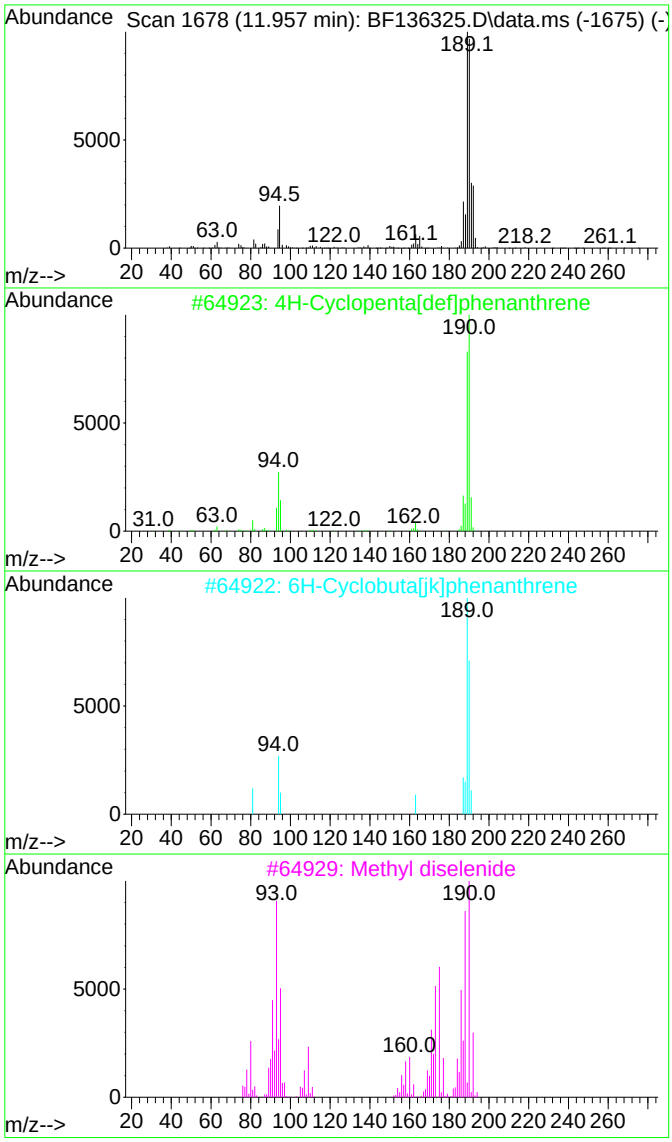
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

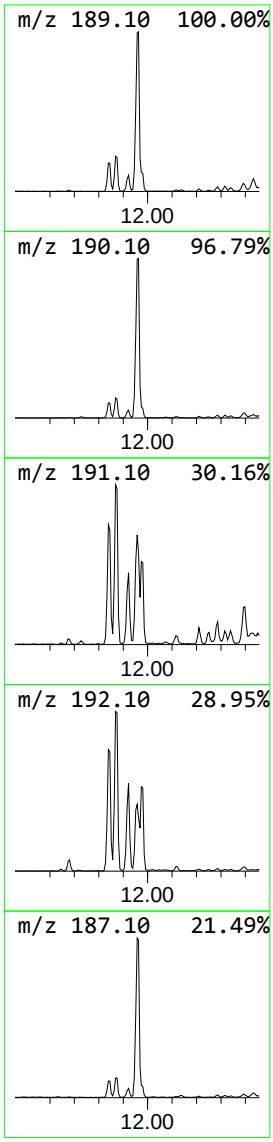
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	4.44 ng	3968870	Phenanthrene-d10	11.339

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	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
EO-03-112923

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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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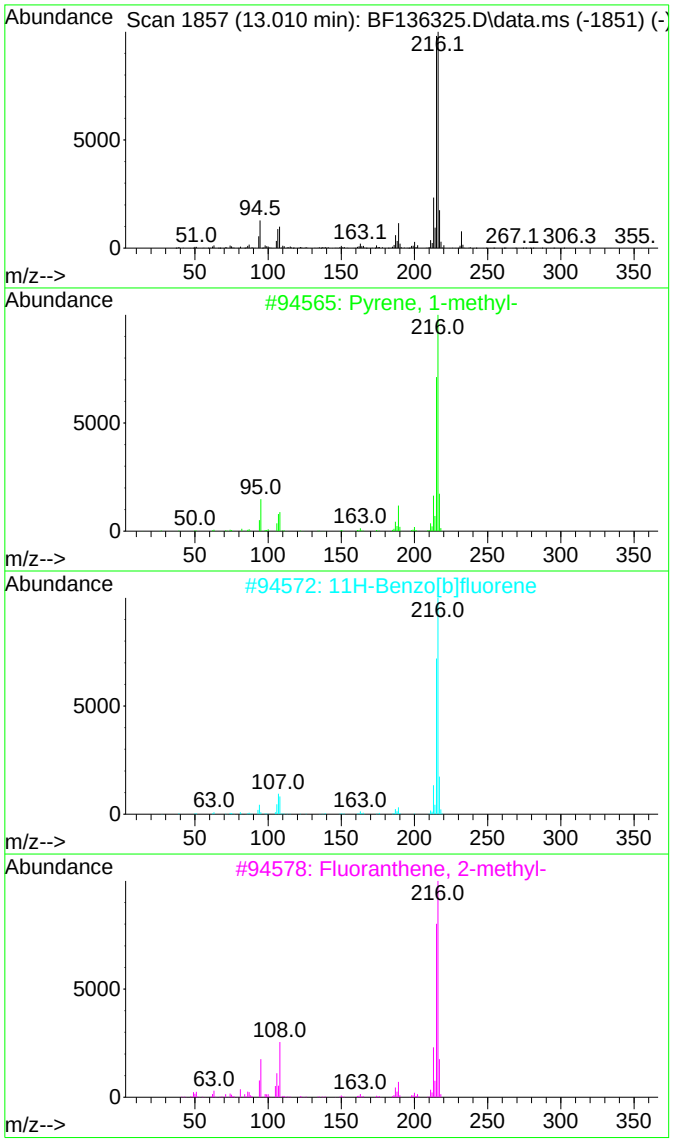
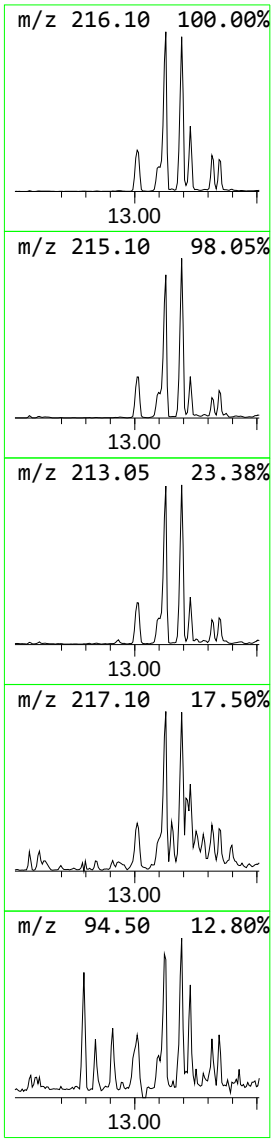
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	3.50 ng	1788410	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

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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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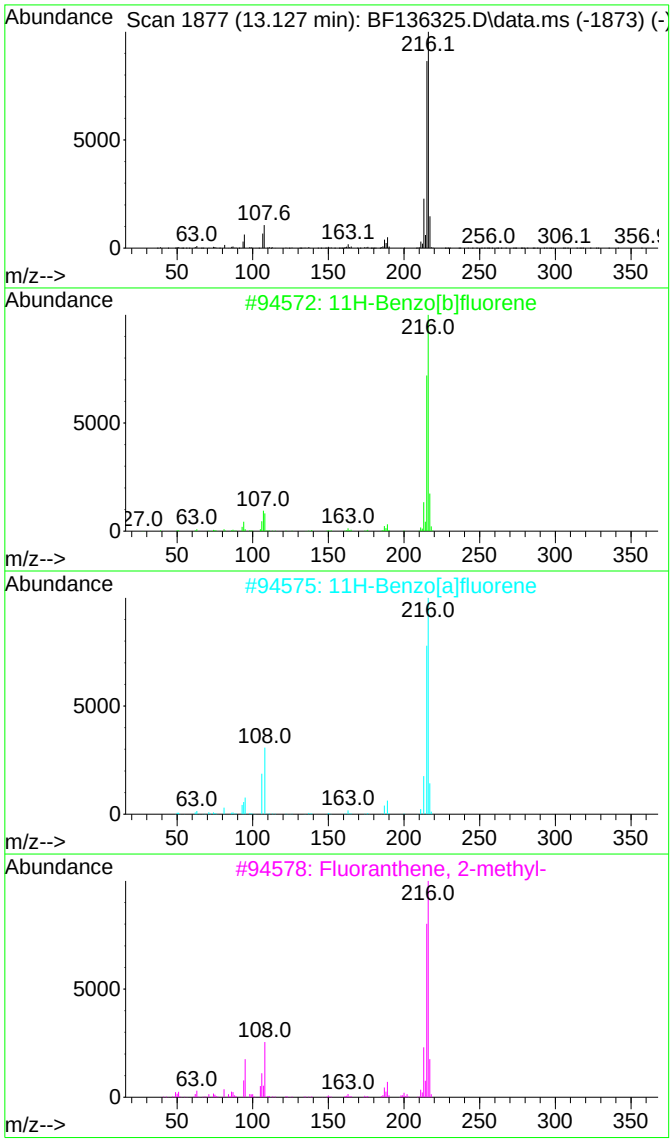
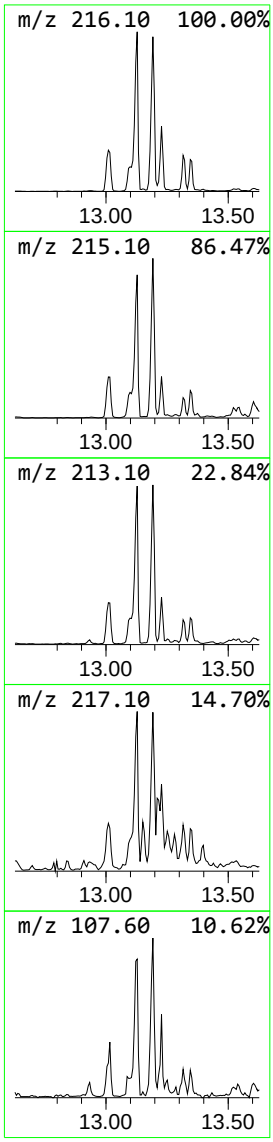
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	6.23 ng	3178040	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
EO-03-112923

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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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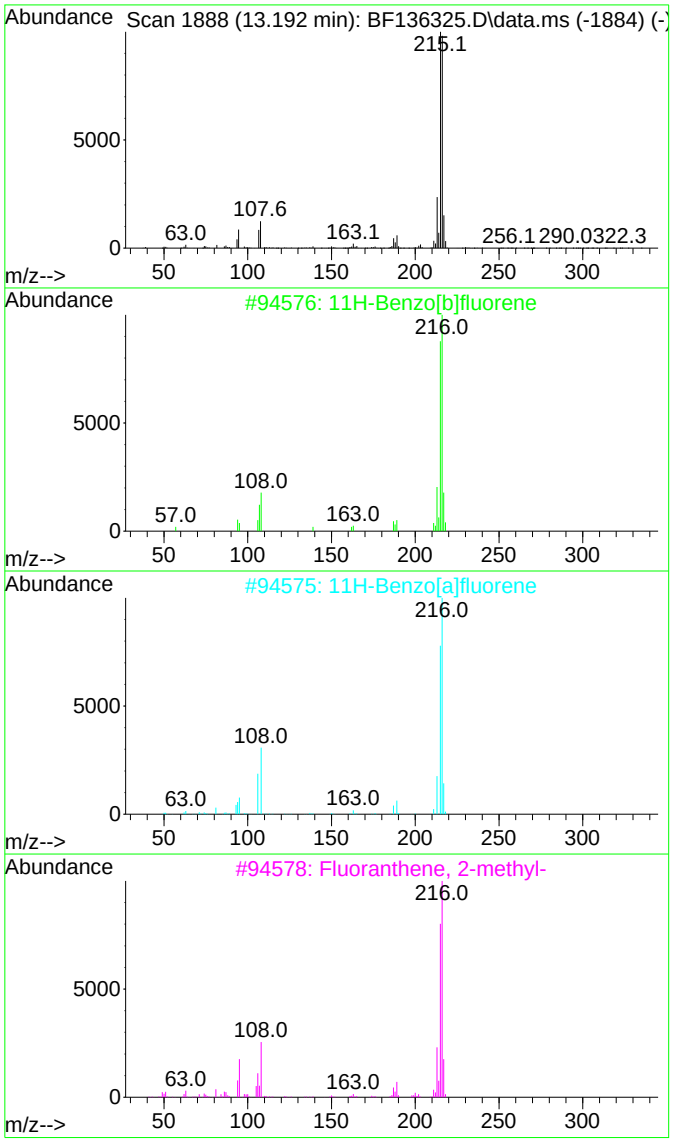
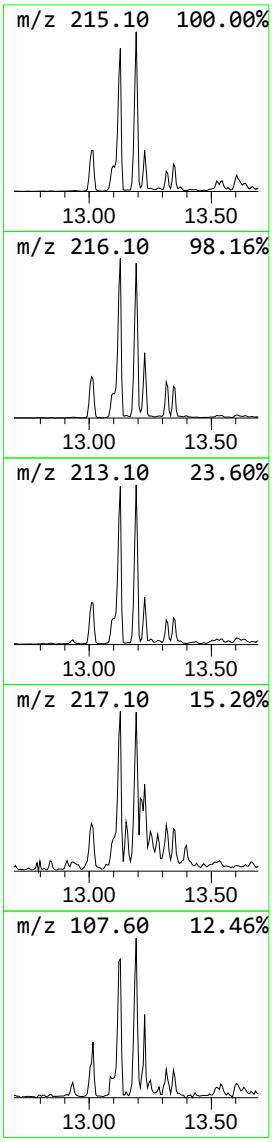
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	5.98 ng	3053240	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
EO-03-112923

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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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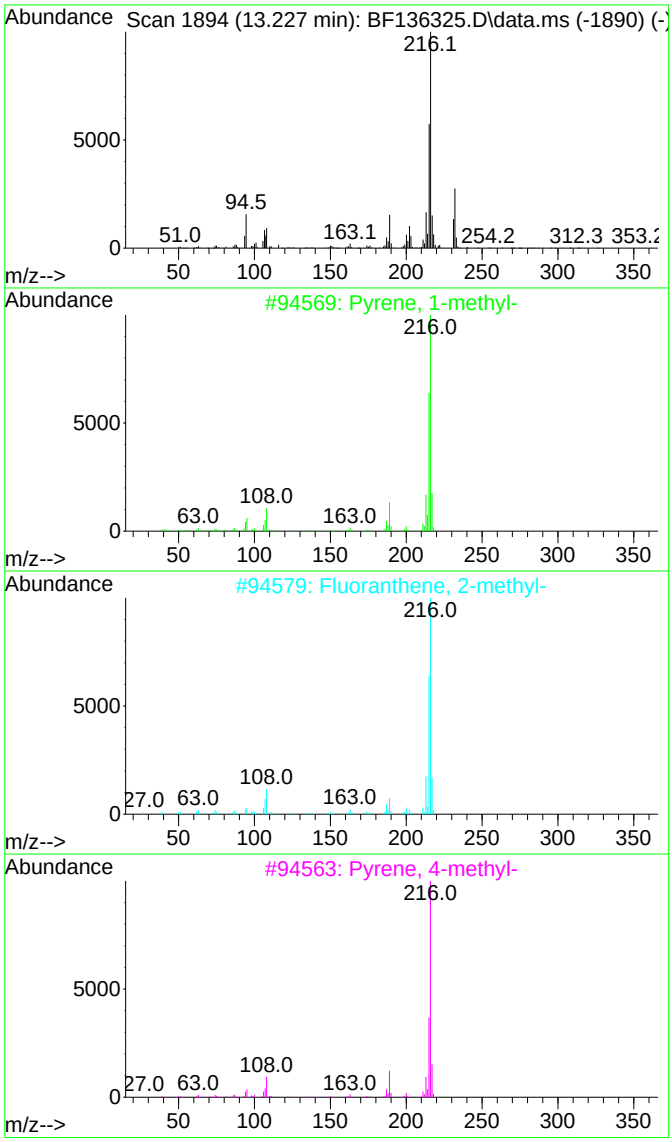
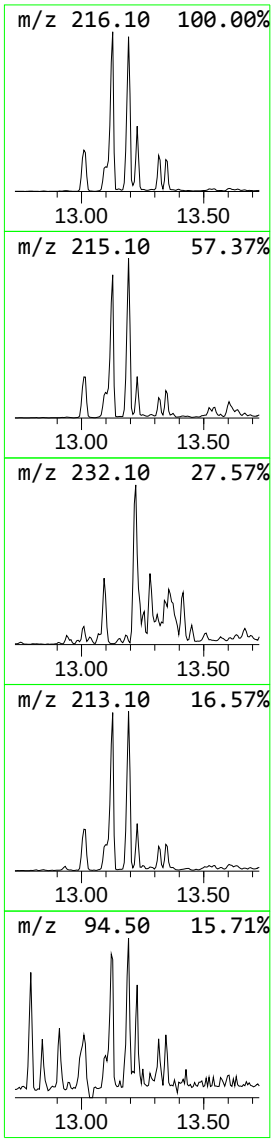
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	3.19 ng	1627270	Chrysene-d12	14.010

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	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Sample : 05577-01 2X
Misc :
ALS Vial : 21 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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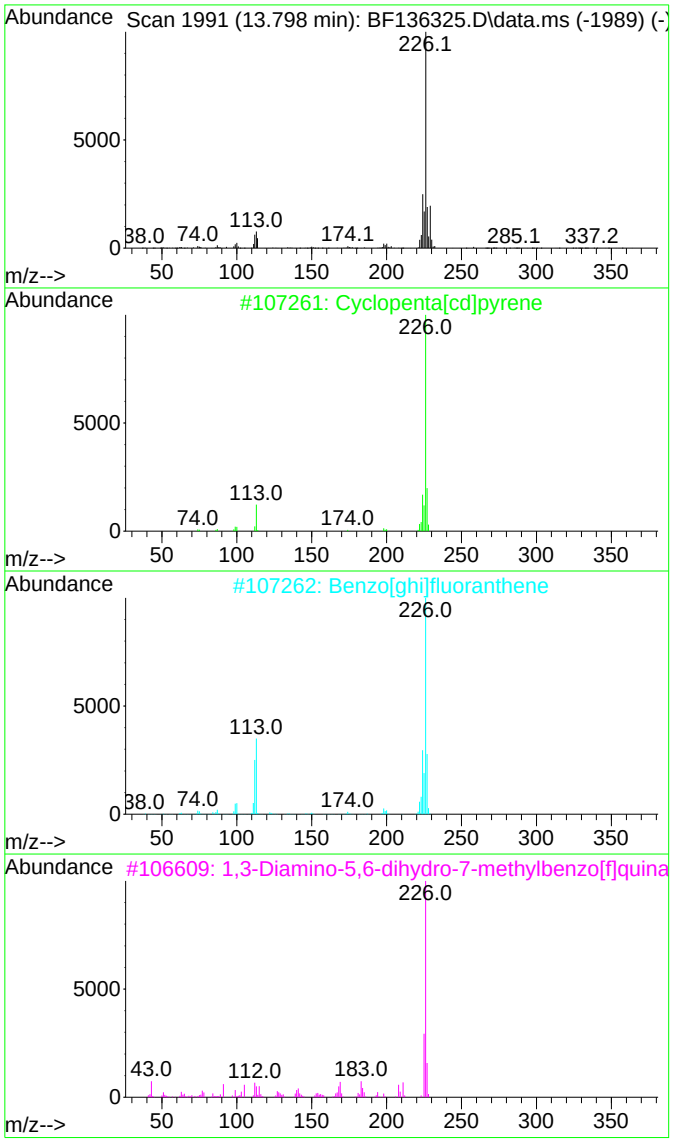
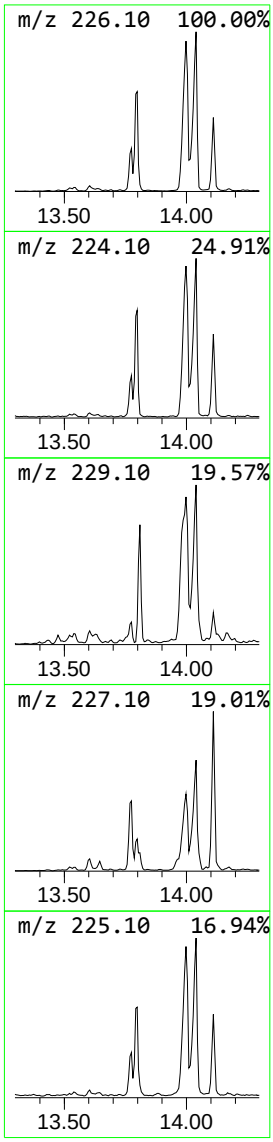
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	3.38 ng	1723690	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40
5	Benzenamine, 4-isothiocyanato-N-...	226	C13H10N2S	1000350-44-4	38





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Misc :
ALS Vial : 21 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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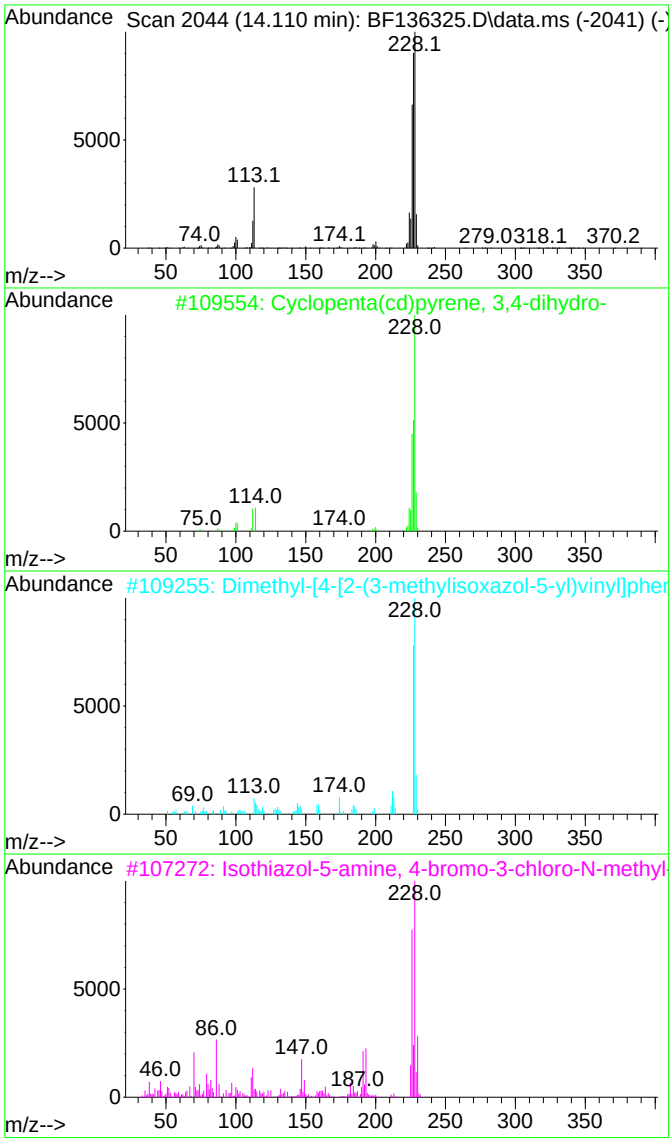
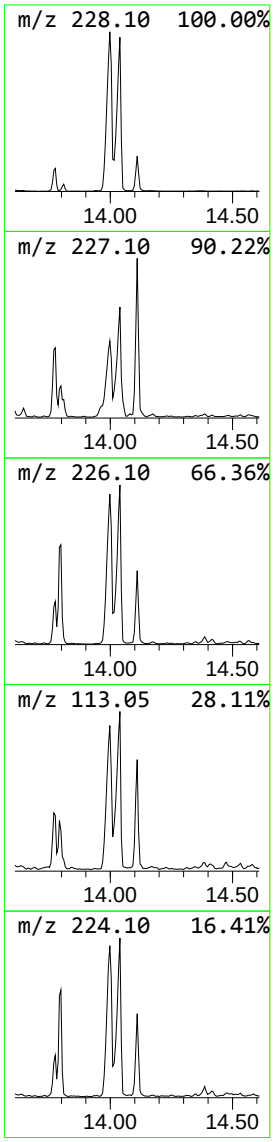
Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	3.41 ng	1737960	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
4	Triphenylene	228	C18H12	000217-59-4	43
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	40





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ALS Vial : 21 Sample Multiplier: 1

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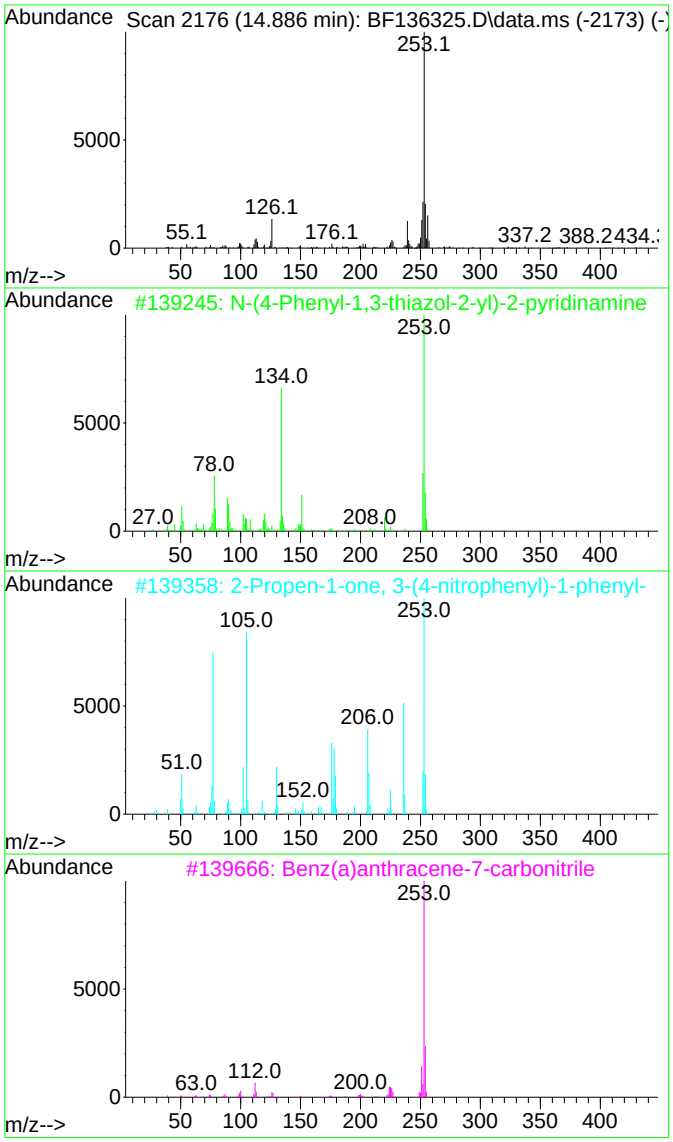
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

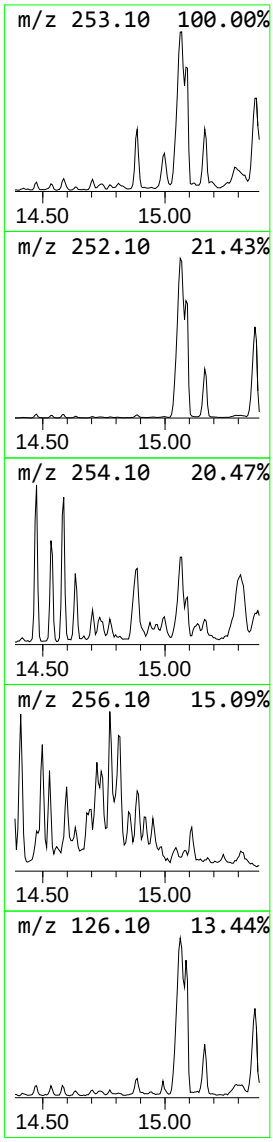
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 N-(4-Phenyl-1,3-thiazol-2-y... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	11.48 ng	267398	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	53
2	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	53
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	47
4	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	43
5	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	42





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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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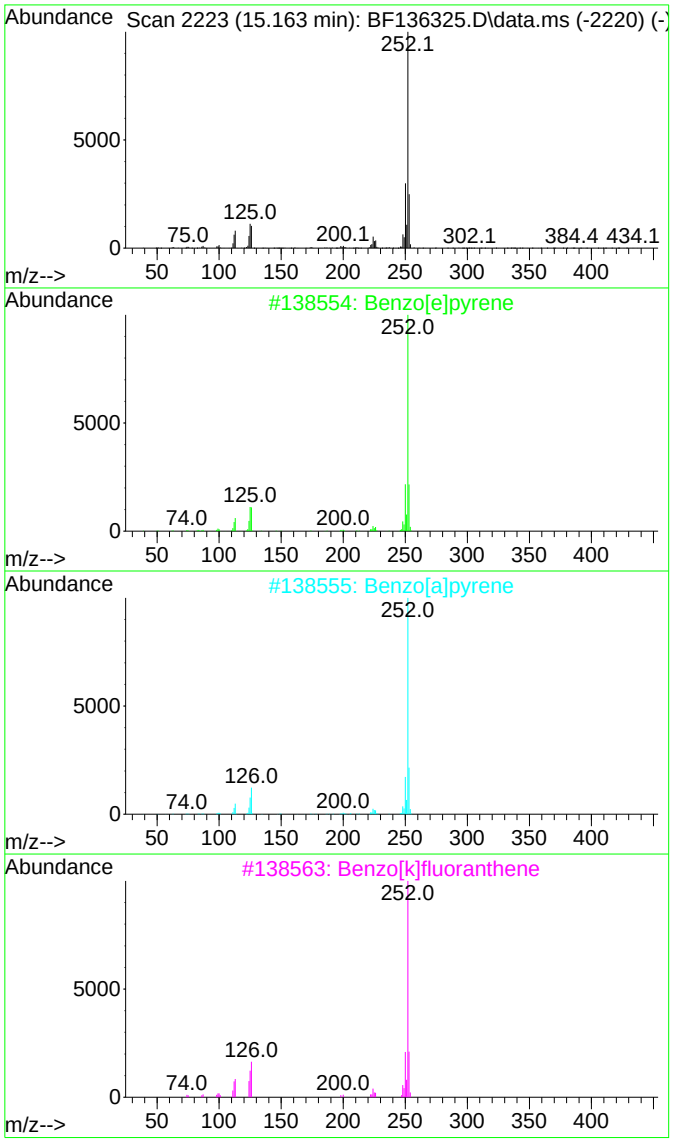
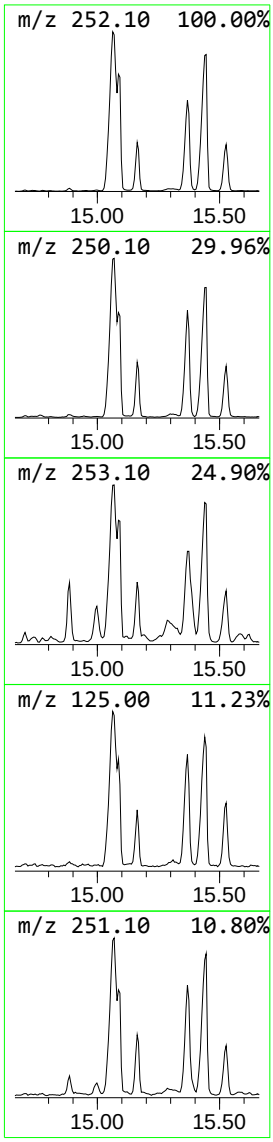
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	43.37 ng	1010400	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





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ALS Vial : 21 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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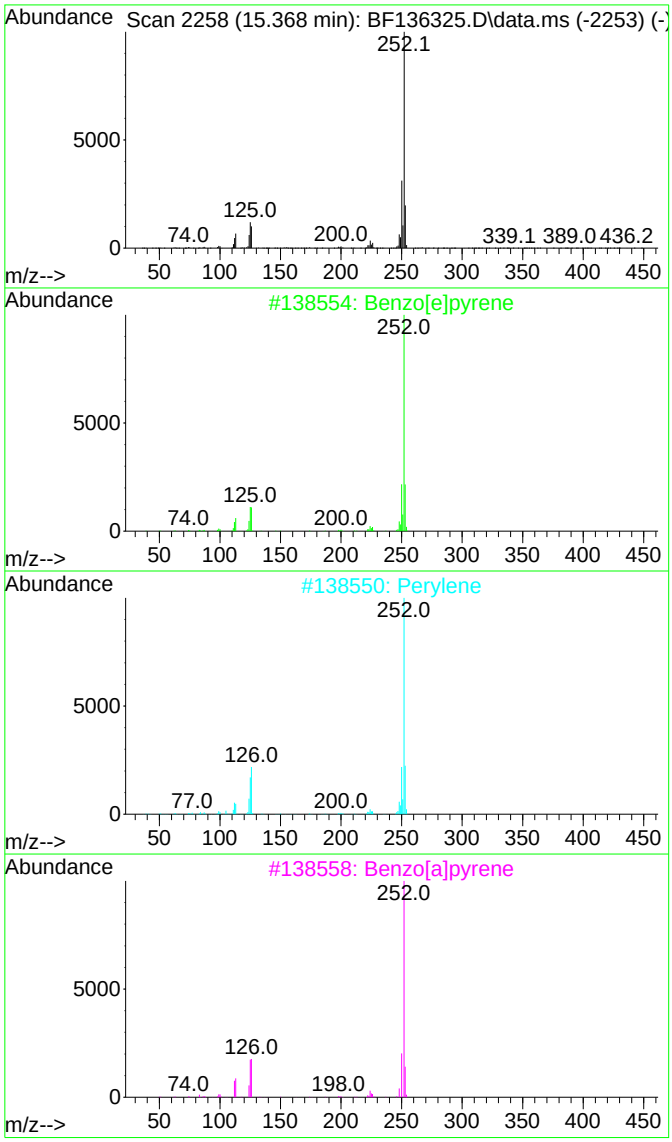
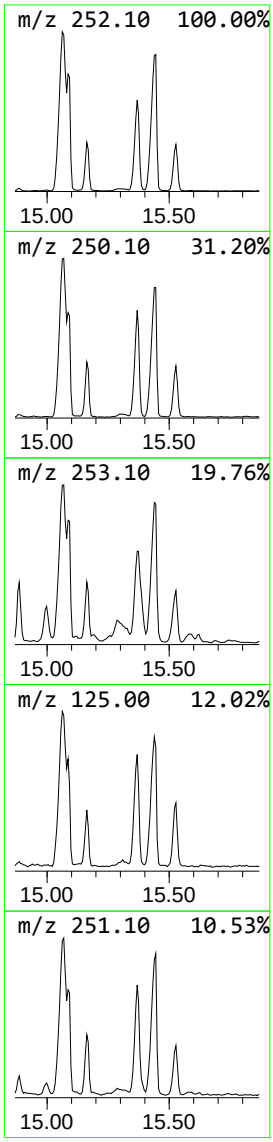
Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	113.63 ng	2647300	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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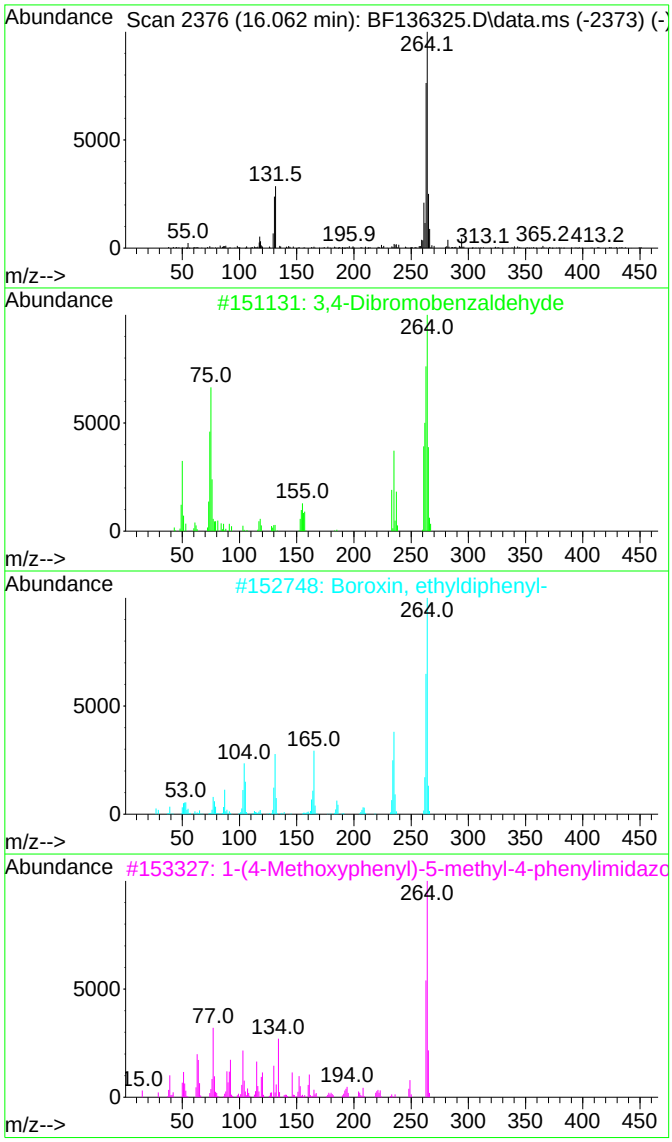
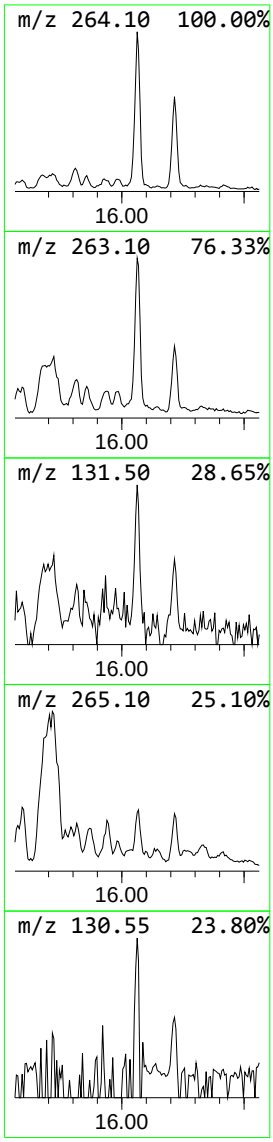
Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	19.57 ng	455861	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
3	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	50
4	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
5	1H-Isoindole-1,3(2H)-dione, 2-(2...	263	C17H13NO2	016307-59-8	38





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Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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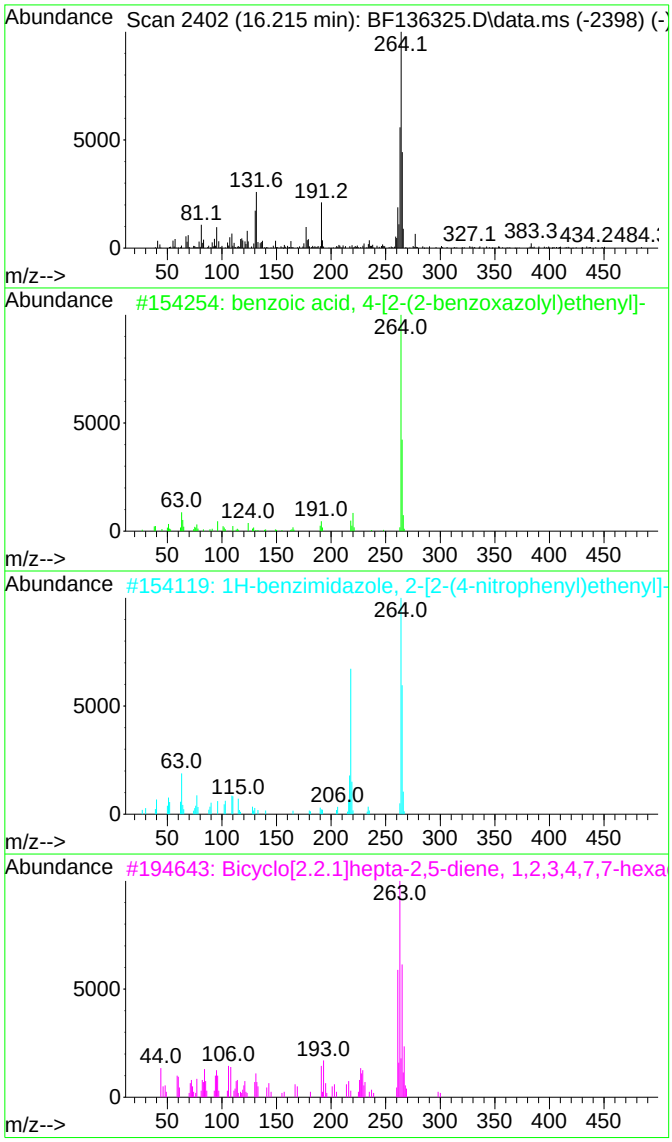
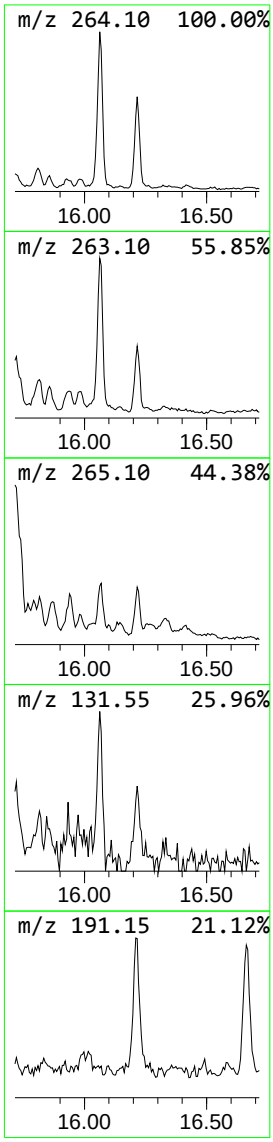
Peak Number 18 unknown16.215 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.215	14.30 ng	333115	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzoic acid, 4-[2-(2-benzoxazol...	265	C16H11NO3	1000401-63-2	43
2	1H-benzimidazole, 2-[2-(4-nitrop...	265	C15H11N3O2	1000401-63-4	37
3	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	32
4	3-Hydroxycinnamic acid, ethyl es...	264	C14H20O3Si	1000071-70-0	25
5	5-Chloro-2-(4-chlorophenyl)benzo...	263	C13H7Cl2NO	000955-77-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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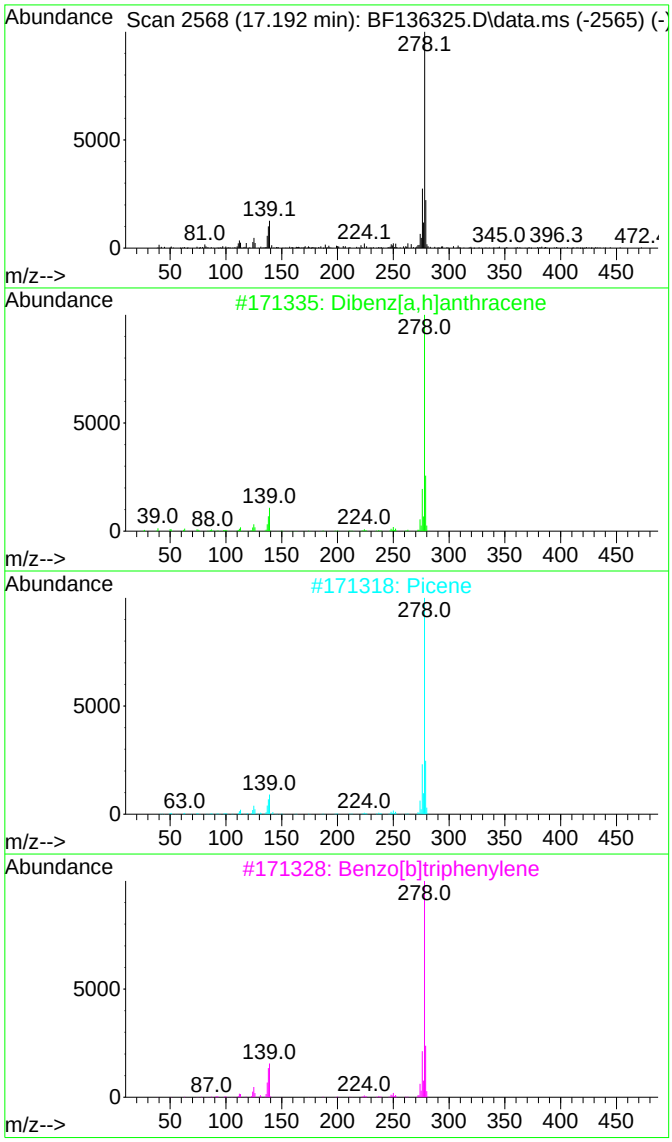
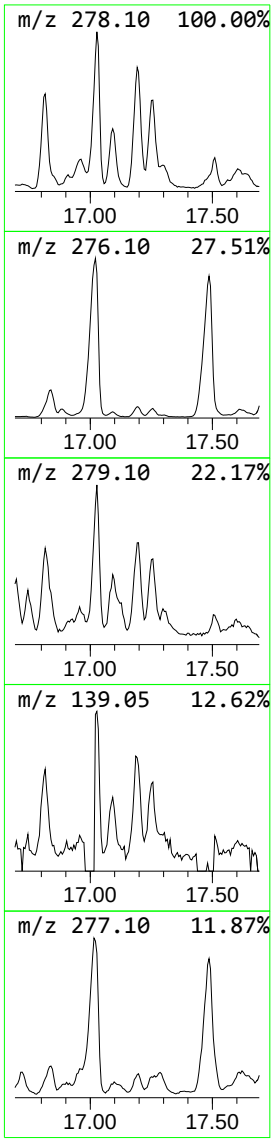
Peak Number 19 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	15.88 ng	369928	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
2	Picene	278	C22H14	000213-46-7	93
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	90
4	Benzo[b]chrysene	278	C22H14	000214-17-5	86
5	Pentaphene	278	C22H14	000222-93-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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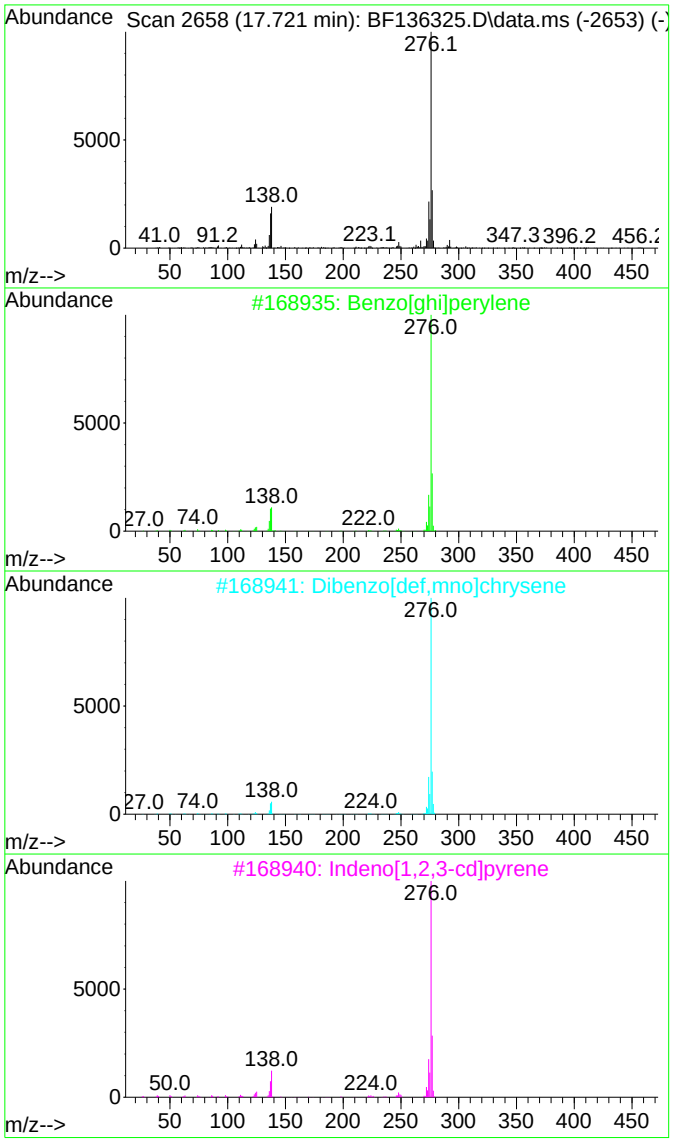
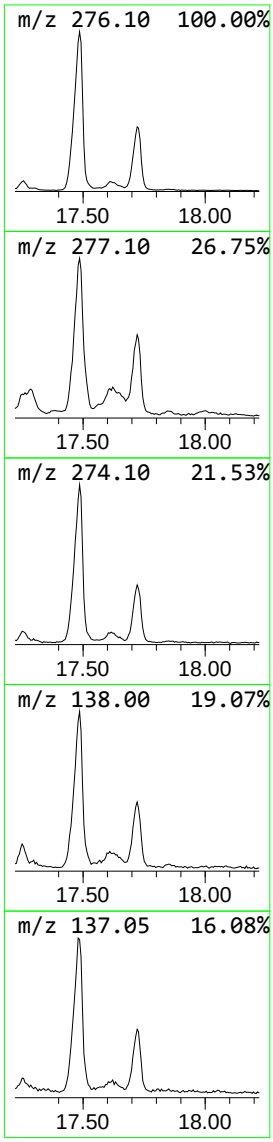
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.721	38.40 ng	894637	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	4-(2-(3-Nitrophenyl)ethenyl)quin...	276	C17H12N2O2	074839-90-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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, 1,...	9.428	14.1	ng	661463	3	9.839	941843	20.0
Naphthalene, 2,...	9.498	14.5	ng	682419	3	9.839	941843	20.0
Naphthalene, 1,...	9.522	8.1	ng	380680	3	9.839	941843	20.0
Naphthalene, 2,...	9.616	8.2	ng	386379	3	9.839	941843	20.0
unknown10.475	10.475	6.2	ng	293140	3	9.839	941843	20.0
9H-Fluoren-3-ol	10.545	13.3	ng	626242	3	9.839	941843	20.0
4H-Cyclopenta[d...	11.957	4.4	ng	3968870	4	11.339	17859300	20.0
Pyrene, 1-methyl-	13.010	3.5	ng	1788410	5	14.010	10205800	20.0
11H-Benzo[b]flu...	13.127	6.2	ng	3178040	5	14.010	10205800	20.0
11H-Benzo[a]flu...	13.192	6.0	ng	3053240	5	14.010	10205800	20.0
Fluoranthene, 2...	13.227	3.2	ng	1627270	5	14.010	10205800	20.0
Cyclopenta[cd]p...	13.798	3.4	ng	1723690	5	14.010	10205800	20.0
Cyclopenta(cd)p...	14.110	3.4	ng	1737960	5	14.010	10205800	20.0
N-(4-Phenyl-1,3...	14.886	11.5	ng	267398	6	15.492	465946	20.0
Benzo[e]pyrene	15.163	43.4	ng	1010400	6	15.492	465946	20.0
Perylene	15.368	113.6	ng	2647300	6	15.492	465946	20.0
3,4-Dibromobenz...	16.063	19.6	ng	455861	6	15.492	465946	20.0
unknown16.215	16.215	14.3	ng	333115	6	15.492	465946	20.0
Picene	17.192	15.9	ng	369928	6	15.492	465946	20.0
Dibenzo[def,mno...	17.721	38.4	ng	894637	6	15.492	465946	20.0