LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.493	746	749	756	rVB3	1177006	1267434	6.24%	0.406%
2	6.851	806	810	813	rVB	3134338	2725514	13.43%	0.872%
3	6.928	820	823	829	rBV	1522893	1510204	7.44%	0.483%
4	7.704	948	955	958	rBV3	1533729	2218515	10.93%	0.710%
5	7.740	958	961	966	rVB	1631358	2138350	10.53%	0.684%
6	8.004	992	1006	1008	rBV	10453257	20300220	100.00%	6.497%
7	8.034	1008	1011	1016	rVB	900499	684008	3.37%	0.219%
8	8.622	1102	1111	1114	rVV3	409954	744764	3.67%	0.238%
9	8.686	1114	1122	1125	rVB	10118620	16392152	80.75%	5.246%
10	8.786	1131	1139	1141	rBV	8338701	11417939	56.25%	3.654%
11	9.128	1190	1197	1202	rVB	2189911	2195188	10.81%	0.703%
12	9.222	1210	1213	1219	rVB	1787349	2318264	11.42%	0.742%
13	9.304	1219	1227	1229	rBV	4346047	6366185	31.36%	2.038%
14	9.375	1233	1239	1241	rVV	5480232	7074469	34.85%	2.264%
15	9.404	1241	1244	1247	rVV	4639788	4197930	20.68%	1.344%
16	9.486	1253	1258	1266	rVB	3210351	3835874	18.90%	1.228%
17	9.569	1266	1272	1275	rBV	5405811	4559770	22.46%	1.459%
18	9.686	1289	1292	1297	rBV2	1905611	2088419	10.29%	0.668%
19	9.739	1297	1301	1304	rBV2	2240025	2264466	11.15%	0.725%
20	9.810	1309	1313	1317	rBV2	1036263	1297714	6.39%	0.415%
21	9.904	1323	1329	1333	rVV2	2424008	2669567	13.15%	0.854%
22	9.945	1333	1336	1339	rVV	1922784	1605032	7.91%	0.514%
23	10.022	1344	1349	1351	rBV2	1748598	2084832	10.27%	0.667%
24	10.051	1351	1354	1359	rVB	1572819	1349559	6.65%	0.432%
25	10.110	1359	1364	1366	rBV3	1197627	1928741	9.50%	0.617%
26	10.128	1366	1367	1370	rVV	1105920	796938	3.93%	0.255%
27	10.157	1370	1372	1375	rVB	1016086	734526	3.62%	0.235%
28	10.210	1375	1381	1385	rBV4	856608	1948026	9.60%	0.623%
29	10.263	1385	1390	1394	rVB	5848953	6840740	33.70%	2.189%
30	10.316	1394	1399	1401	rBV3	972100	1267634	6.24%	0.406%
31	10.363	1404	1407	1411	rVV2	1163932	1234743	6.08%	0.395%
32	10.404	1411	1414	1417	rVV2	1071880	1304775	6.43%	0.418%
33	10.475	1422	1426	1432	rVB2	2060182	2735909	13.48%	0.876%
34	10.610	1447	1449	1455	rVB2	901861	952637	4.69%	0.305%
35	10.686	1457	1462	1464	rBV2	518017	671524	3.31%	0.215%
36	10.798	1475	1481	1484	rBV	2575992	3410947	16.80%	1.092%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.828	1484	1486	1489	rVV	2096896	1681591	8.28%	0.538%
38	10.880	1492	1495	1498	rVV	1679881	1519680	7.49%	0.486%
39	10.945	1504	1506	1509	rVV3	668960	731431	3.60%	0.234%
40	10.998	1512	1515	1519	rVB2	1141031	1121357	5.52%	0.359%
41	11.086	1525	1530	1533	rVB2	2911932	2879950	14.19%	0.922%
42	11.239	1544	1556	1559	rBV	10684492	20063047	98.83%	6.421%
43	11.275	1559	1562	1564	rVV	4115724	3817576	18.81%	1.222%
44	11.298	1564	1566	1569	rVV2	1073132	1135471	5.59%	0.363%
45	11.522	1600	1604	1609	rVB	1986053	1874262	9.23%	0.600%
46	11.604	1614	1618	1621	rVB	1770710	1928811	9.50%	0.617%
47	11.704	1627	1635	1637	rBV	5418358	7800875	38.43%	2.497%
48	11.733	1637	1640	1643	rVB	7113350	7662192	37.74%	2.452%
49	11.775	1643	1647	1650	rBV	2164206	2553944	12.58%	0.817%
50	11.816	1650	1654	1656	rVV	7111003	8063012	39.72%	2.581%
51	11.839	1656	1658	1661	rVB	5190257	4699894	23.15%	1.504%
52	11.986	1675	1683	1686	rBV	2349444	3399428	16.75%	1.088%
53	12.016	1686	1688	1693	rVB2	862799	1000674	4.93%	0.320%
54	12.133	1706	1708	1711	rVB	1102591	885284	4.36%	0.283%
55	12.169	1711	1714	1716	rBV	2161064	1836775	9.05%	0.588%
56	12.192	1716	1718	1721	rVB	1634891	1310815	6.46%	0.420%
57	12.251	1722	1728	1730	rBV	4158270	5754159	28.35%	1.842%
58	12.286	1730	1734	1739	rVB2	3171625	5309216	26.15%	1.699%
59	12.333	1739	1742	1747	rVB2	1446881	2382563	11.74%	0.763%
60	12.416	1751	1756	1759	rBV	6896170	8716473	42.94%	2.790%
61	12.451	1759	1762	1764	rBV	843887	945866	4.66%	0.303%
62	12.498	1767	1770	1773	rVB	1300752	1189924	5.86%	0.381%
63	12.551	1775	1779	1781	rBV2	676269	672516	3.31%	0.215%
64	12.657	1789	1797	1799	rBV	9081363	14855932	73.18%	4.755%
65	12.686	1799	1802	1806	rVB2	1471970	1679581	8.27%	0.538%
66	12.745	1806	1812	1814	rBV4	814338	1390120	6.85%	0.445%
67	12.786	1817	1819	1824	rVB3	932247	1114157	5.49%	0.357%
68	12.851	1825	1830	1836	rBV2	2137520	3238808	15.95%	1.037%
69	12.904	1836	1839	1841	rBV2	614889	651497	3.21%	0.209%
70	12.939	1841	1845	1846	rBV2	1377389	1539029	7.58%	0.493%
71	12.969	1846	1850	1852	rVB	3655619	4068611	20.04%	1.302%
72	13.033	1852	1861	1863	rBV	2814631	4090074	20.15%	1.309%
73	13.069	1863	1867	1870	rBV2	3074792	3231749	15.92%	1.034%
74	13.127	1874	1877	1879	rBV2	761536	849480	4.18%	0.272%
75	13.163	1879	1883	1885	rBV	2170561	1928641	9.50%	0.617%
76	13.192	1885	1888	1891	rVB	3188203	2913667	14.35%	0.933%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.363	1912	1917	1918	rBV2	742147	908812	4.48%	0.291%
78	13.439	1926	1930	1933	rBV2	1027824	1625760	8.01%	0.520%
79	13.580	1947	1954	1956	rVV2	1413000	2429980	11.97%	0.778%
80	13.604	1956	1958	1960	rVV	1483413	1314562	6.48%	0.421%
81	13.627	1960	1962	1964	rVV	800582	739966	3.65%	0.237%
82	13.821	1989	1995	1998	rBV	4322151	6926995	34.12%	2.217%
83	13.863	1998	2002	2005	rVV	4581724	5797030	28.56%	1.855%
84	14.174	2052	2055	2057	rBV	587217	695407	3.43%	0.223%
85	14.216	2057	2062	2065	rVV	2537417	3073510	15.14%	0.984%
86	14.245	2065	2067	2070	rVB	1664206	1268054	6.25%	0.406%
87	14.304	2075	2077	2080	rVV2	1195485	1285583	6.33%	0.411%
88	14.339	2080	2083	2085	rVV	1354215	1585639	7.81%	0.507%
89	14.357	2085	2086	2090	rVV	1278771	956412	4.71%	0.306%
90	14.404	2090	2094	2097	rVV2	564857	657188	3.24%	0.210%
91	14.533	2113	2116	2122	rVB3	431942	850532	4.19%	0.272%
92	14.616	2127	2130	2133	rVB2	616304	674431	3.32%	0.216%
93	14.733	2148	2150	2161	rVB3	507951	854441	4.21%	0.273%
94	14.833	2161	2167	2170	rBV	1667426	3021378	14.88%	0.967%
95	14.927	2179	2183	2186	rVB	610678	671608	3.31%	0.215%
96	15.110	2209	2214	2218	rVB	1309424	1548422	7.63%	0.496%
97	15.174	2218	2225	2228	rBV	2253968	2913476	14.35%	0.932%
98	15.245	2234	2237	2243	rVB2	478569	773682	3.81%	0.248%
99	16.551	2453	2459	2465	rVB2	611225	1197007	5.90%	0.383%
100	16.957	2521	2528	2536	rVB	526515	1049861	5.17%	0.336%

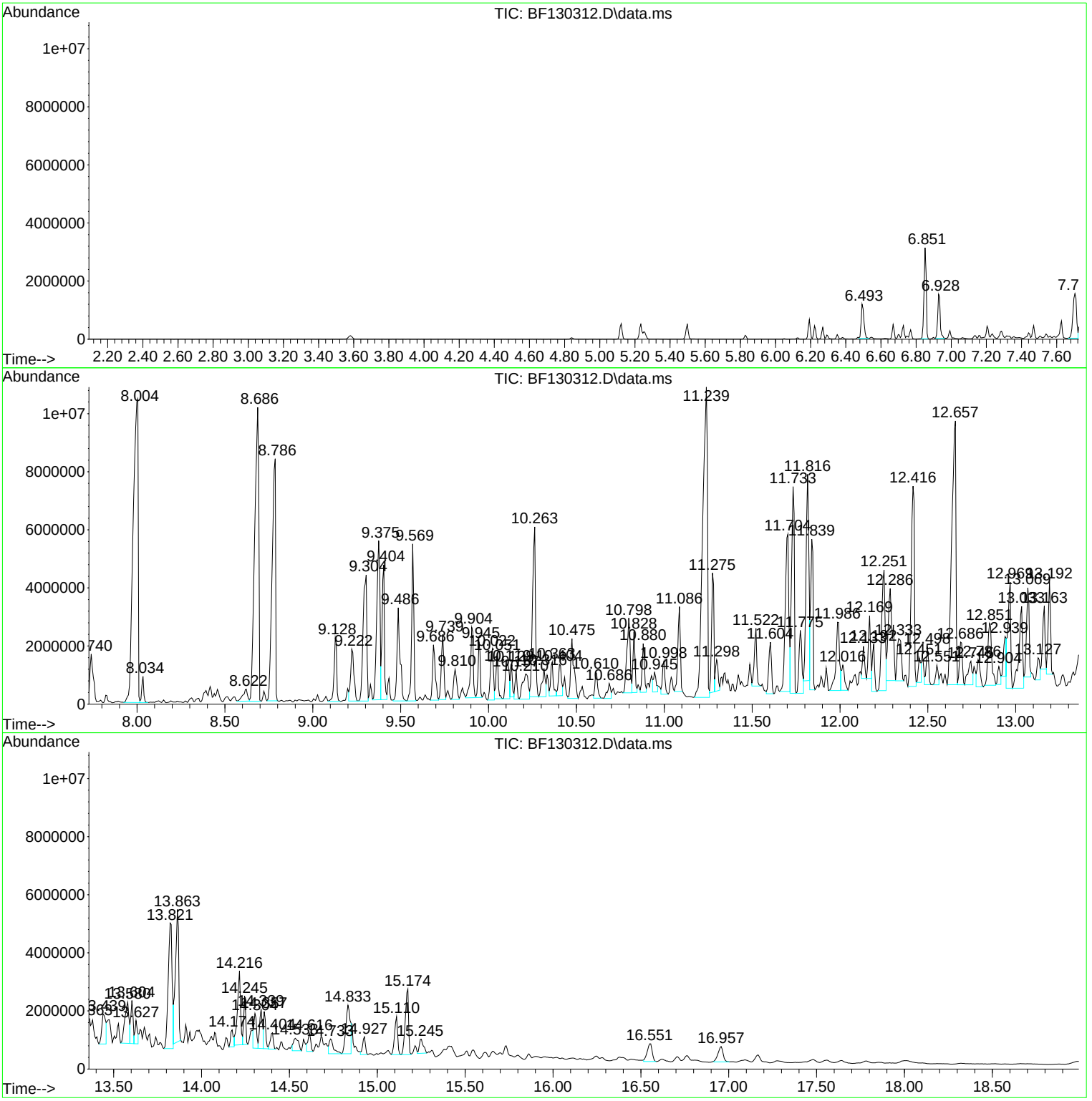
Sum of corrected areas: 312441377

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

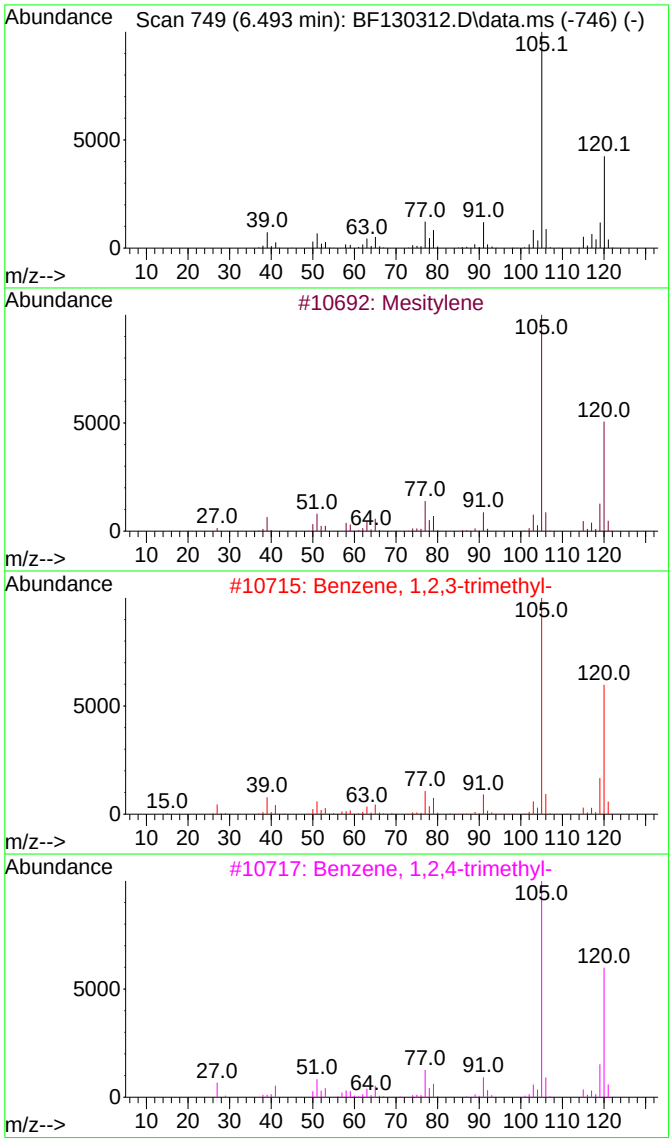
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

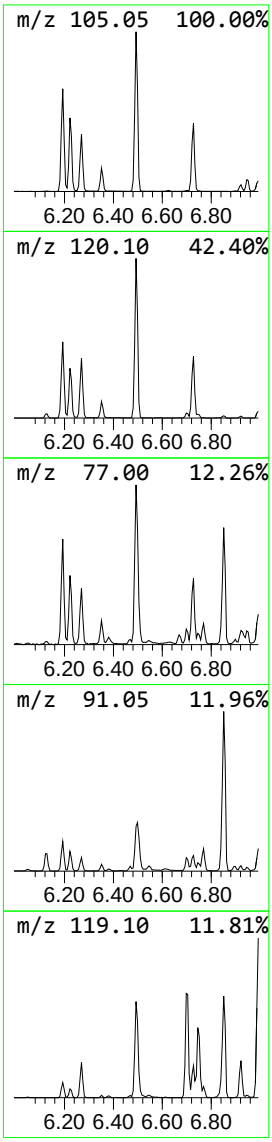
****

Peak Number 1 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	20.00 ng	1267430	1,4-Dichlorobenzene-d4	6.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

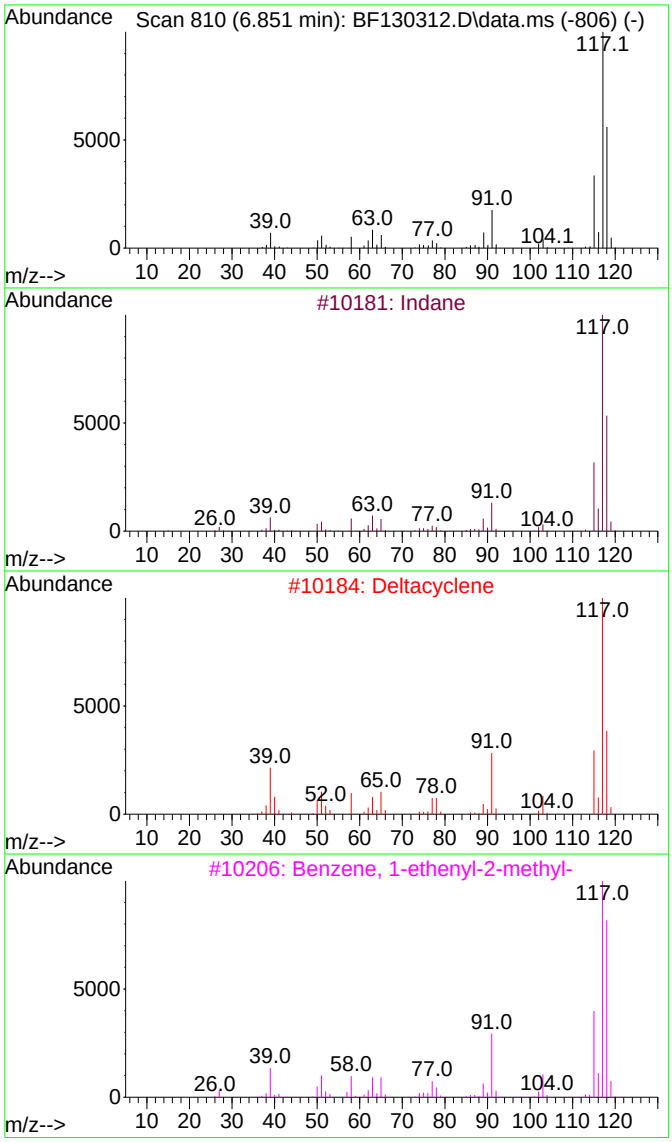
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

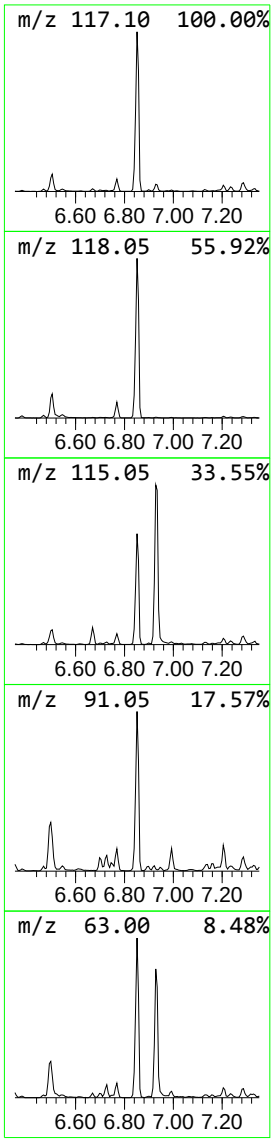
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	43.01 ng	2725510	1,4-Dichlorobenzene-d4	6.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Deltacyclene	118	C9H10	007785-10-6	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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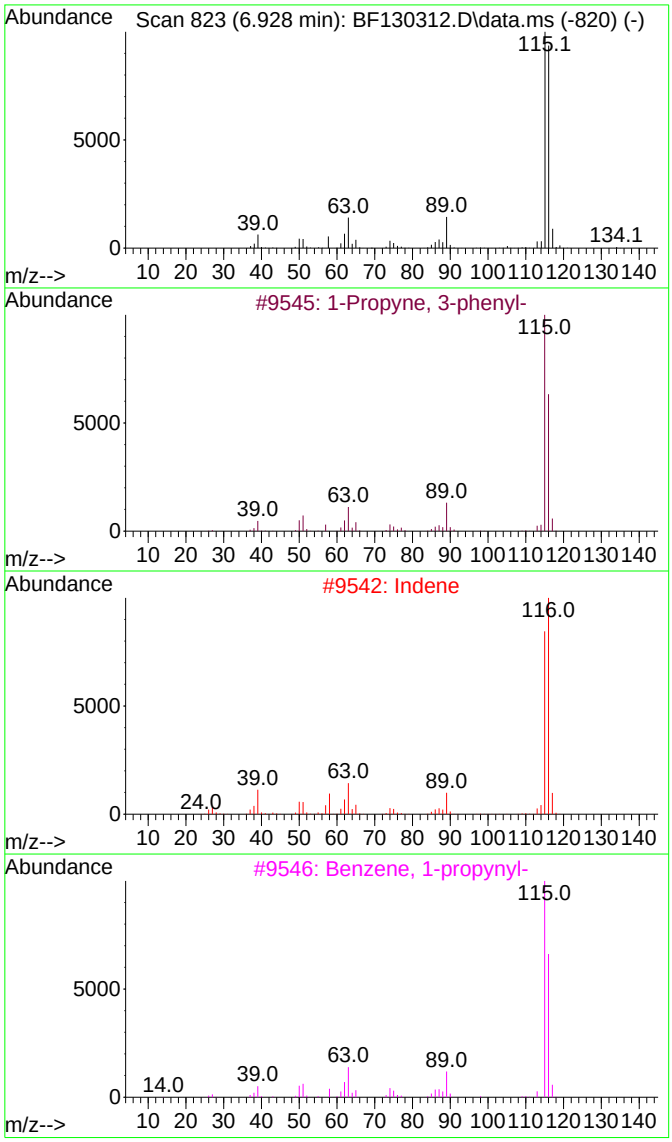
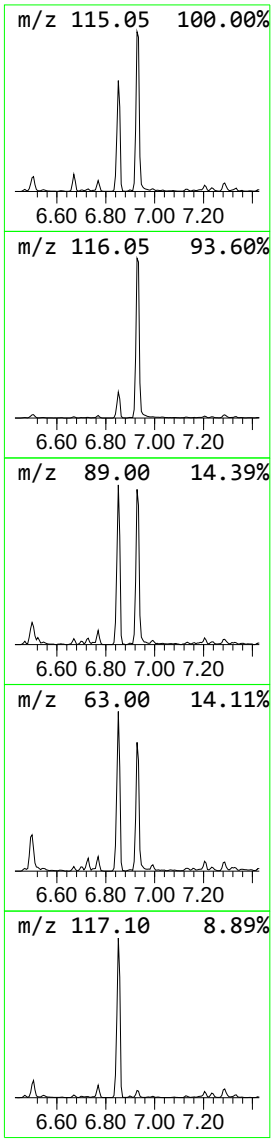
Peak Number 3 1-Propyne, 3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	23.83 ng	1510200	1,4-Dichlorobenzene-d4	6.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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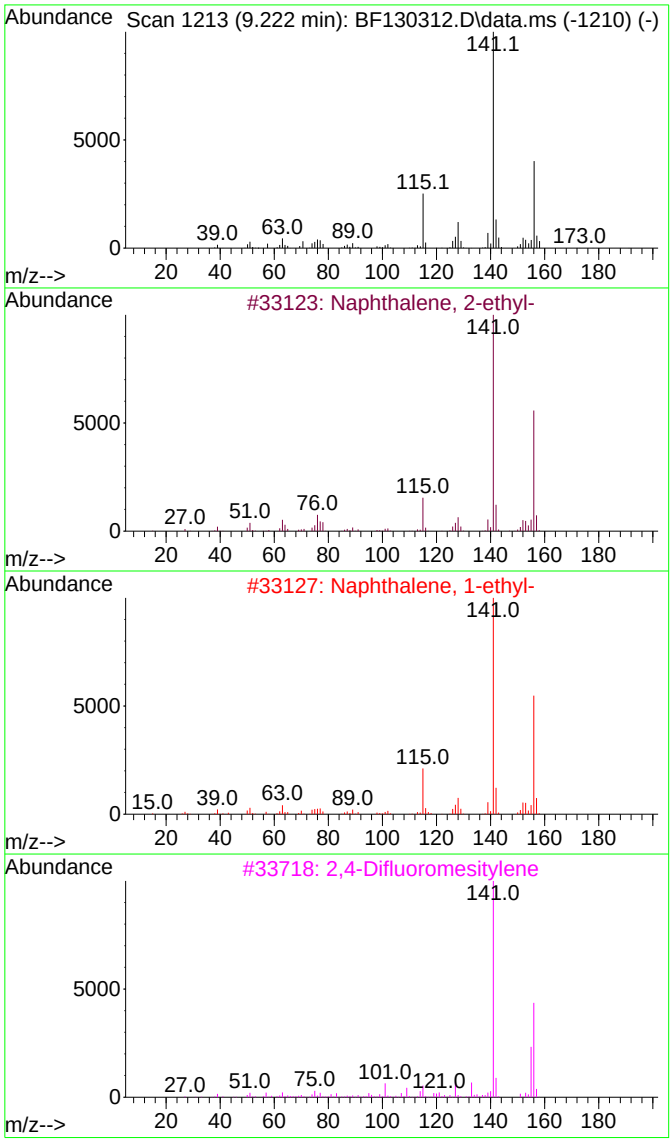
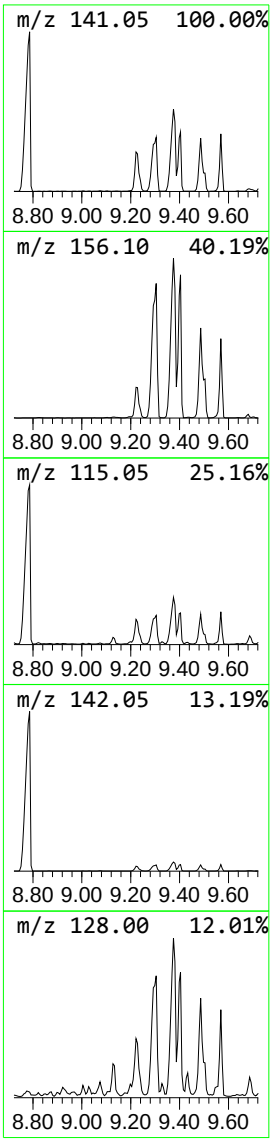
Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.222	22.20 ng	2318260	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
4	Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	53
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

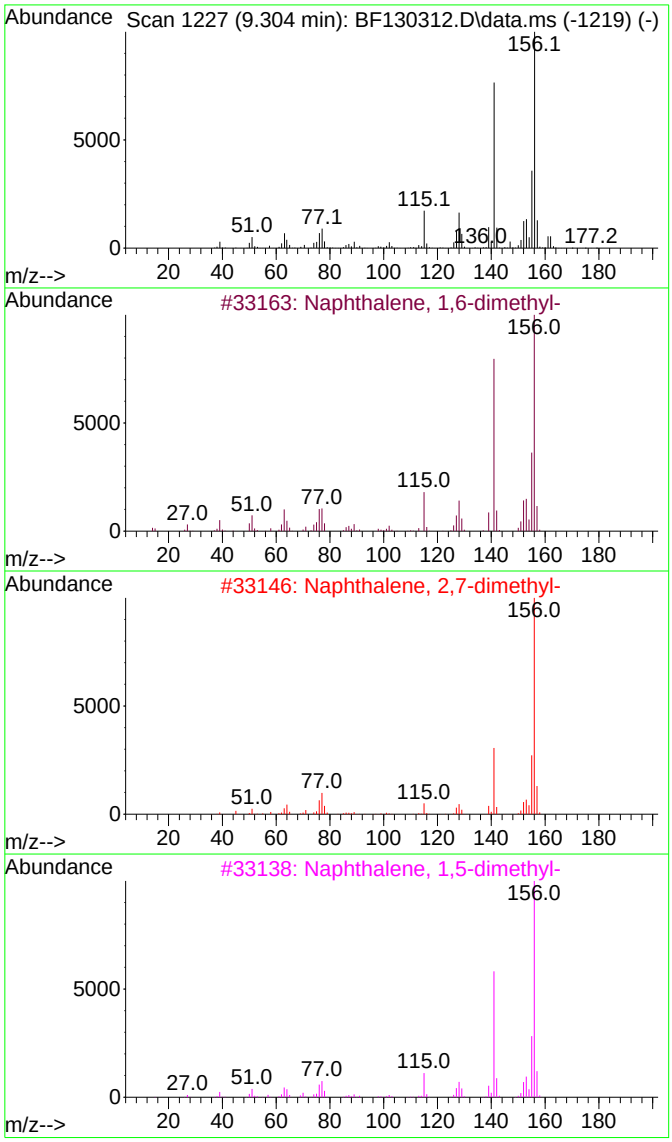
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

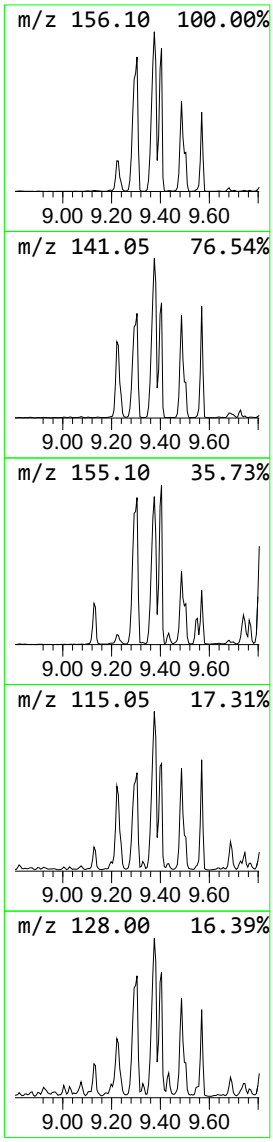
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	60.97 ng	6366190	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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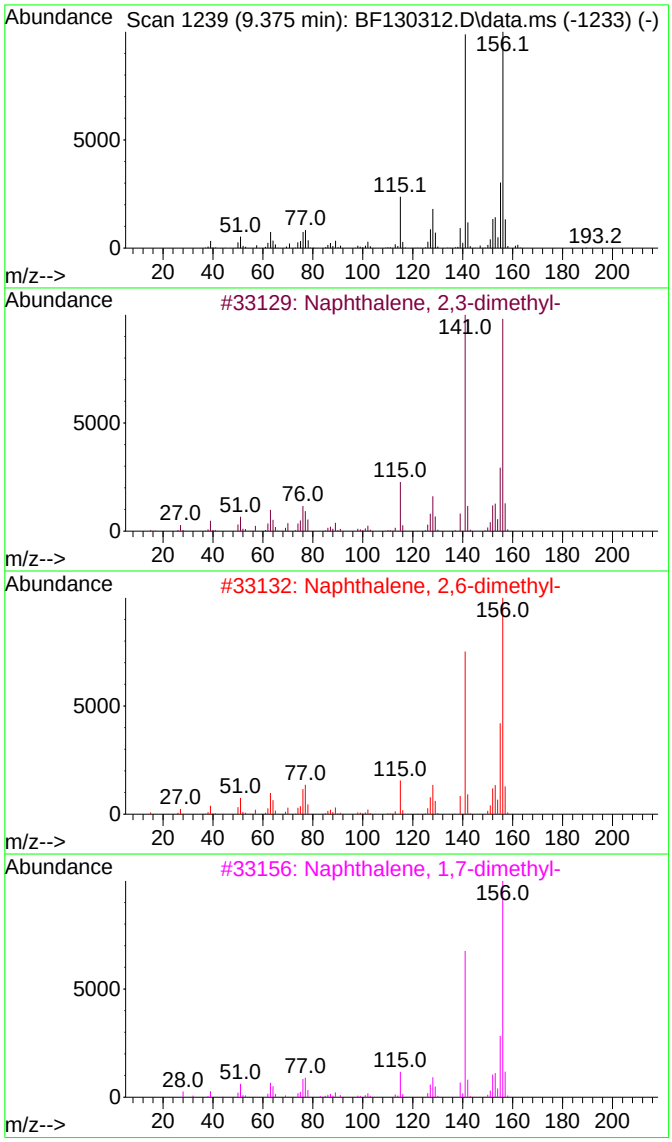
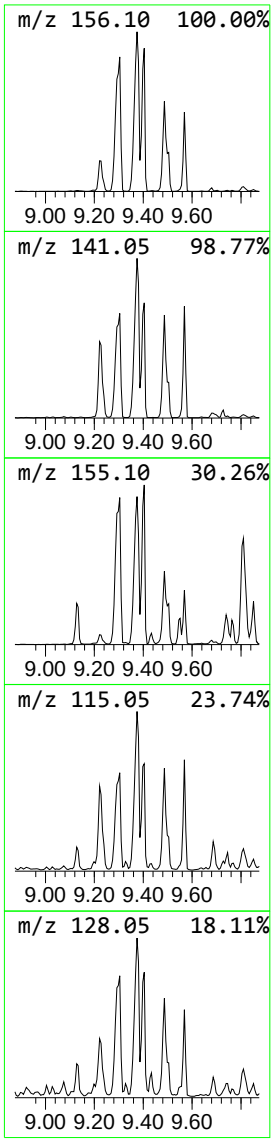
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	67.75 ng	7074470	Acenaphthene-d10	9.704

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





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Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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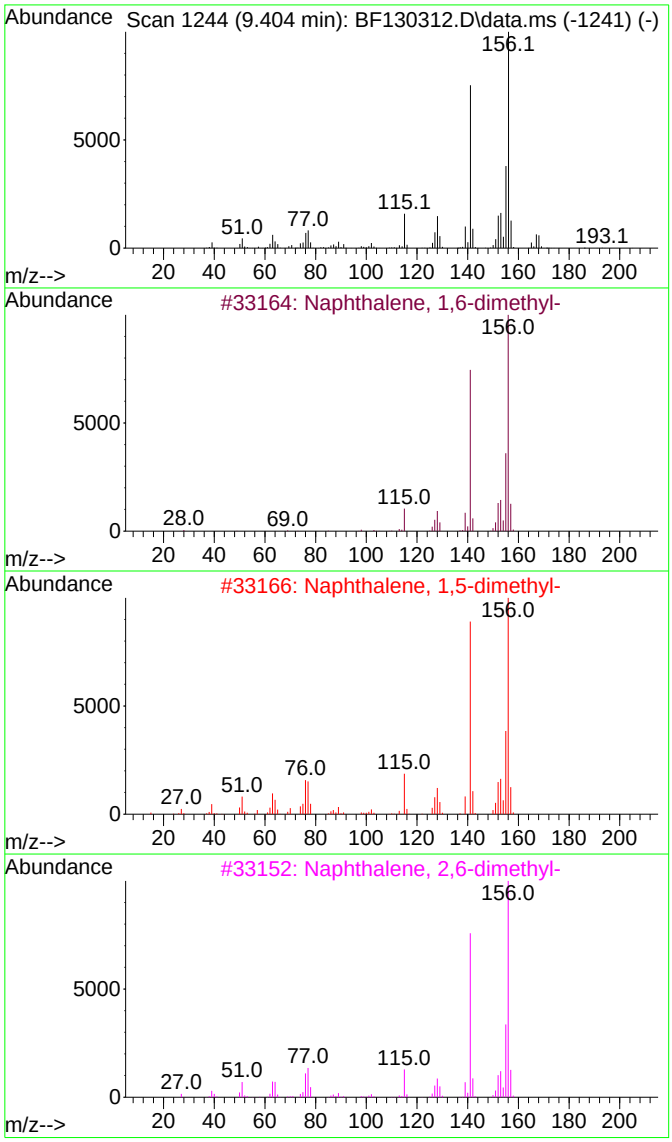
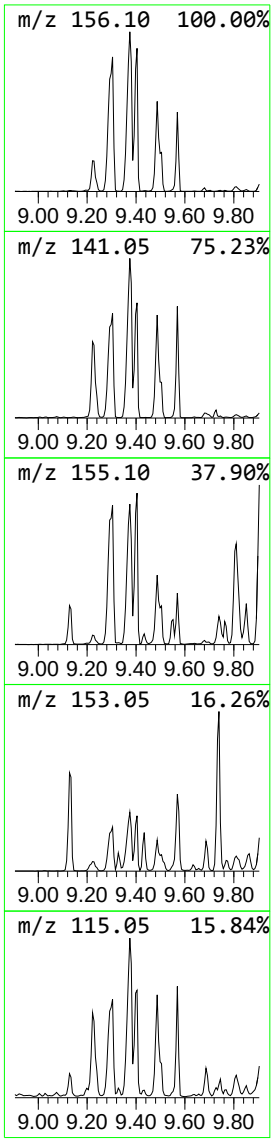
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	40.20 ng	4197930	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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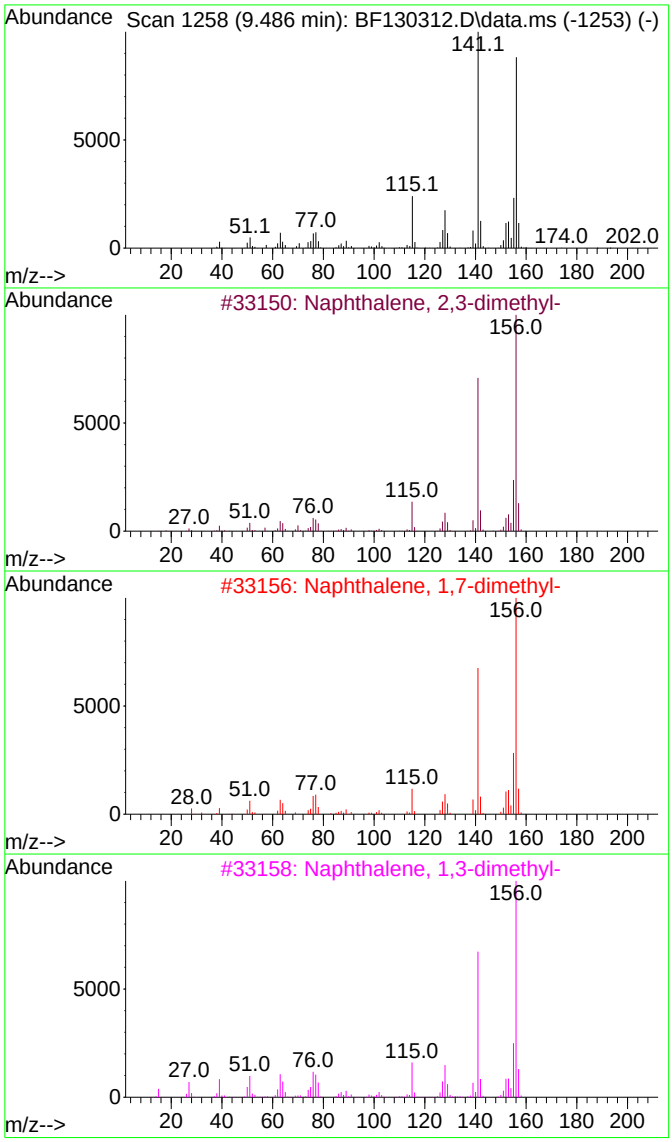
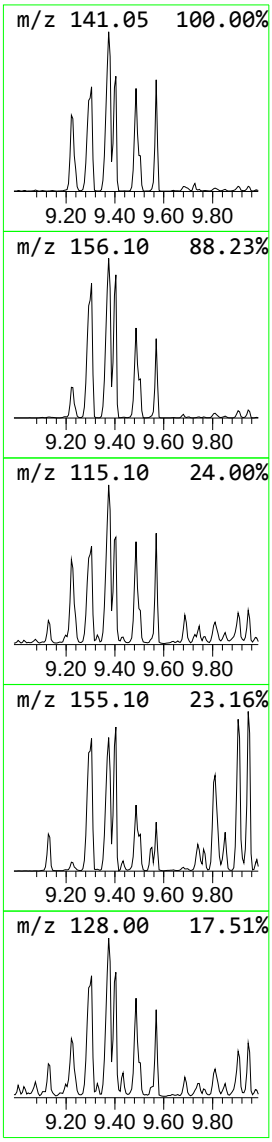
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	36.73 ng	3835870	Acenaphthene-d10	9.704

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





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Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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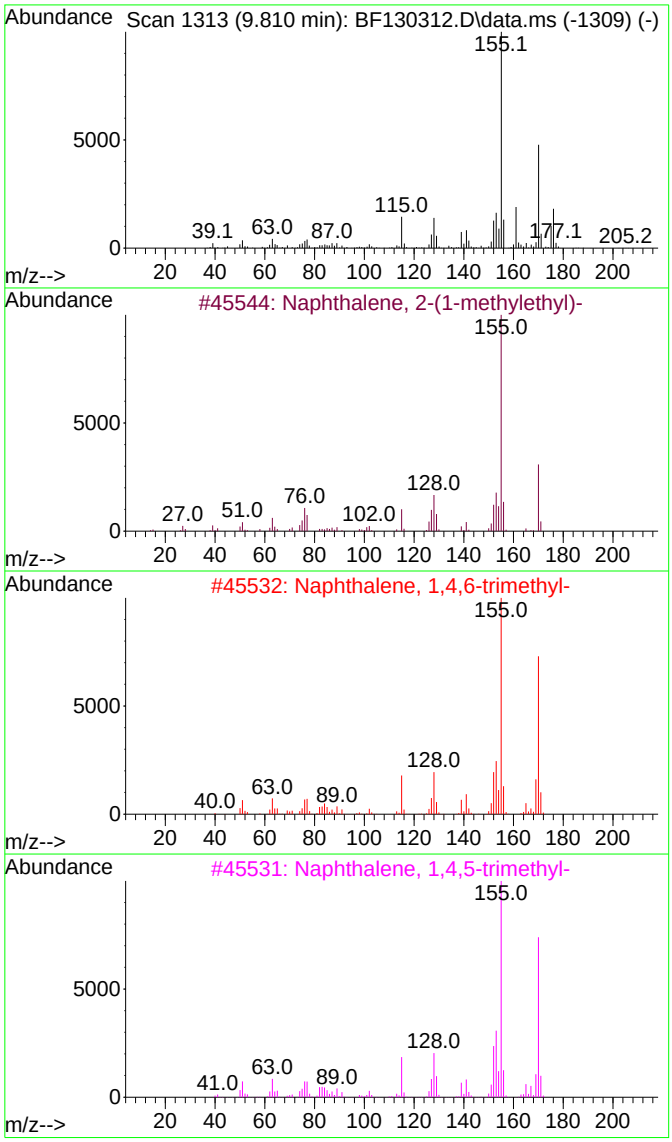
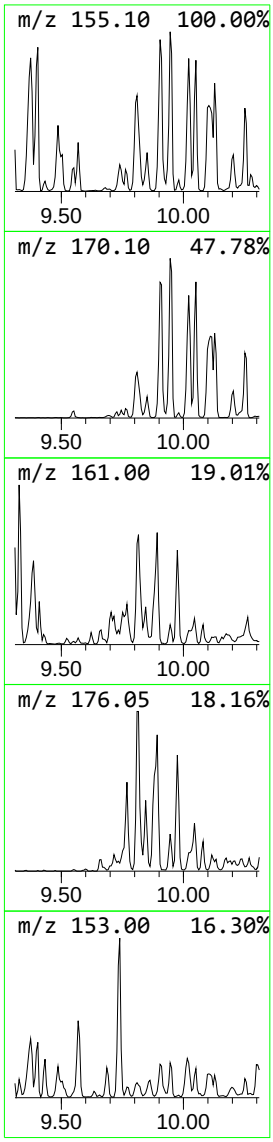
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	12.43 ng	1297710	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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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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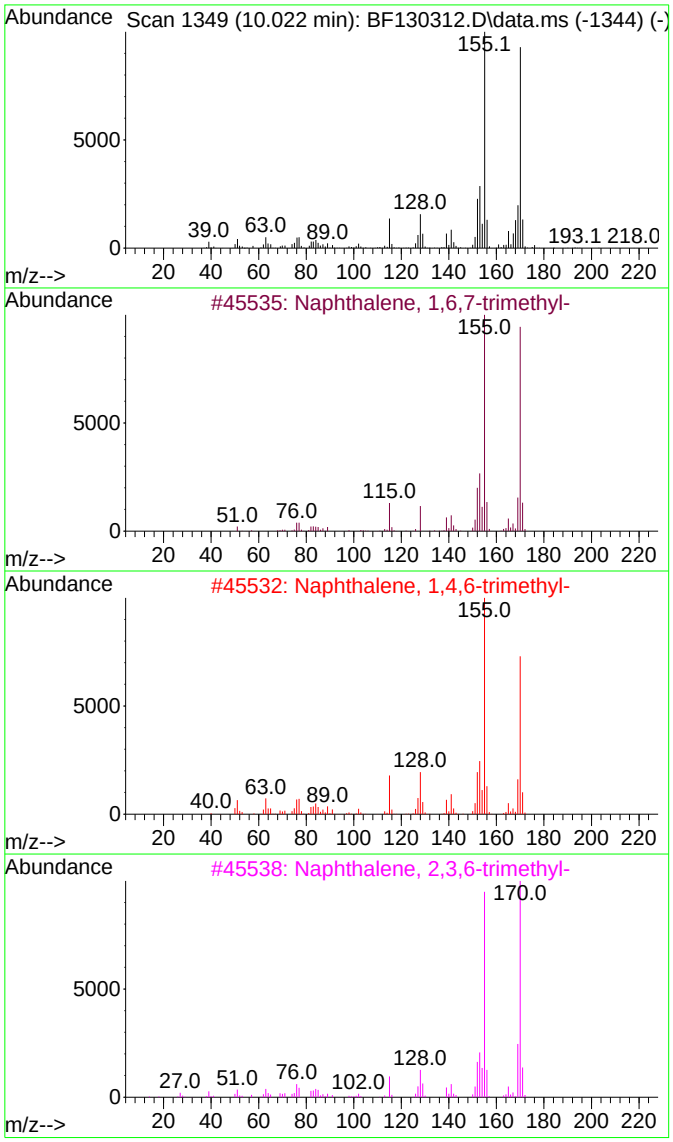
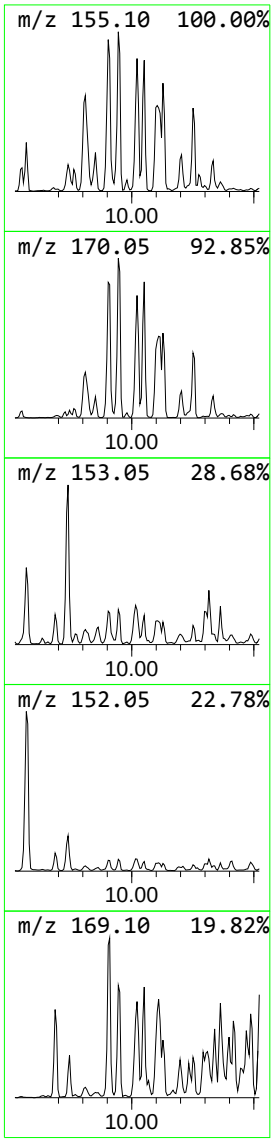
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	19.97 ng	2084830	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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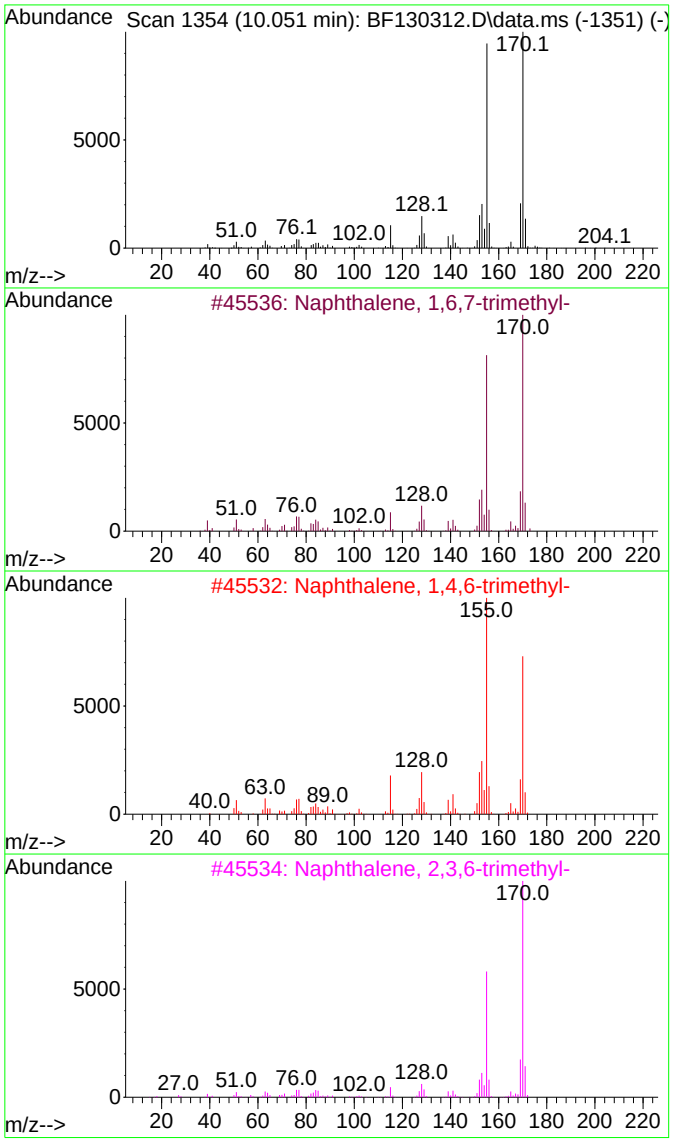
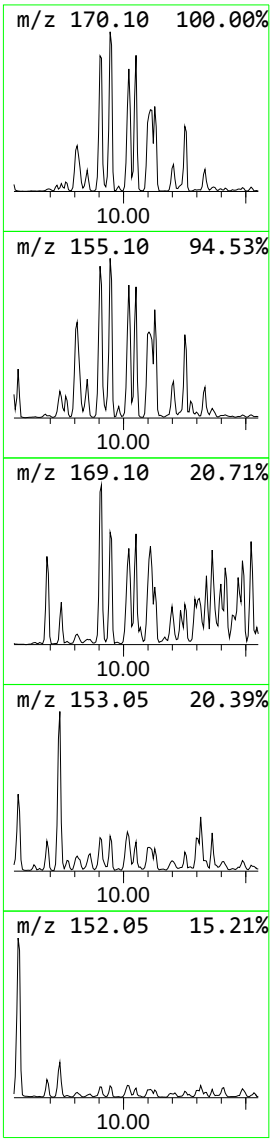
Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	12.92 ng	1349560	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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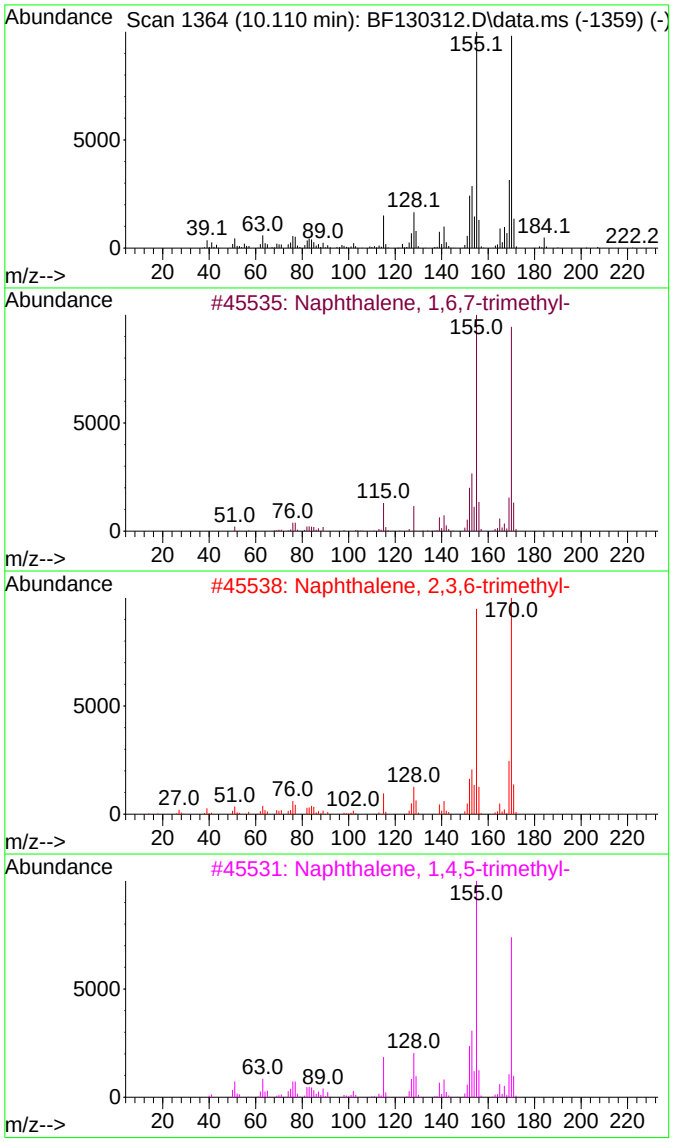
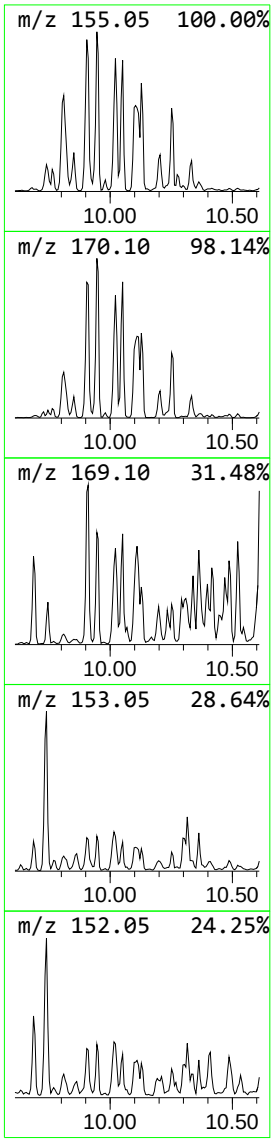
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.110	18.47 ng	1928740	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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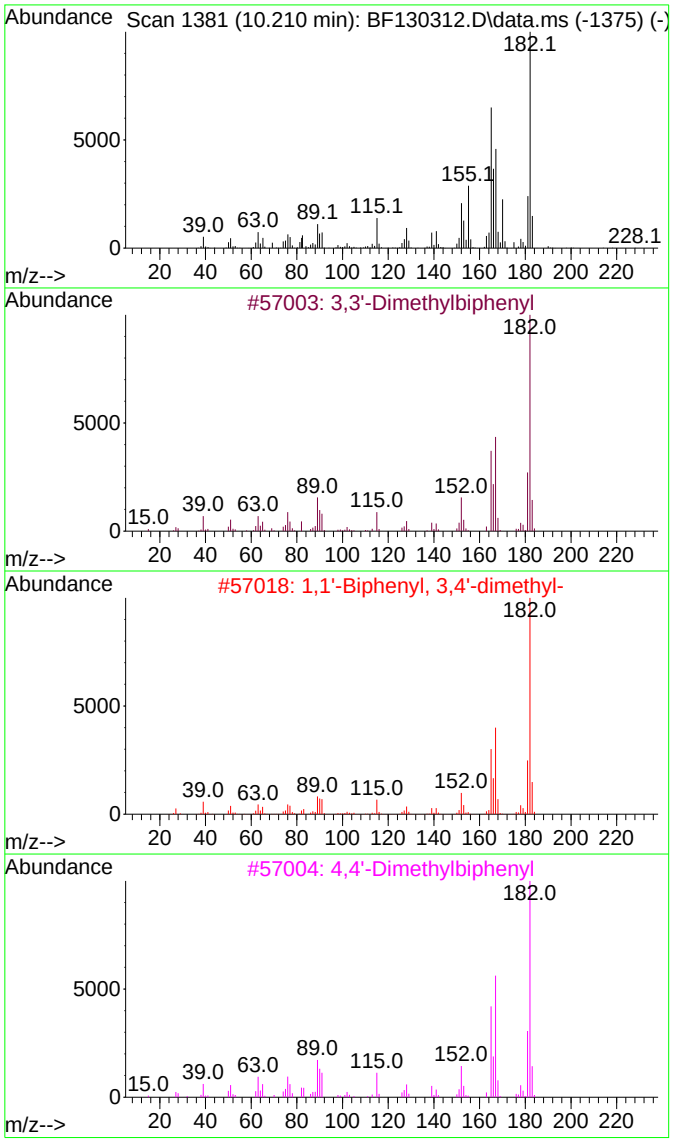
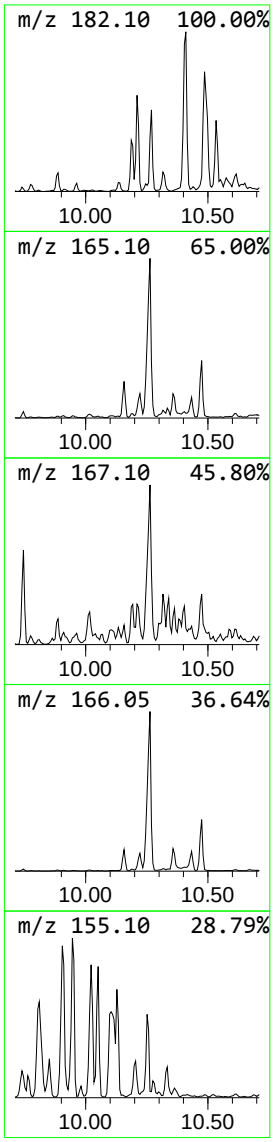
Peak Number 13 3,3'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	18.66 ng	1948030	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	94
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
4	Dehydrochamazulene	182	C14H14	321732-25-6	60
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	49





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Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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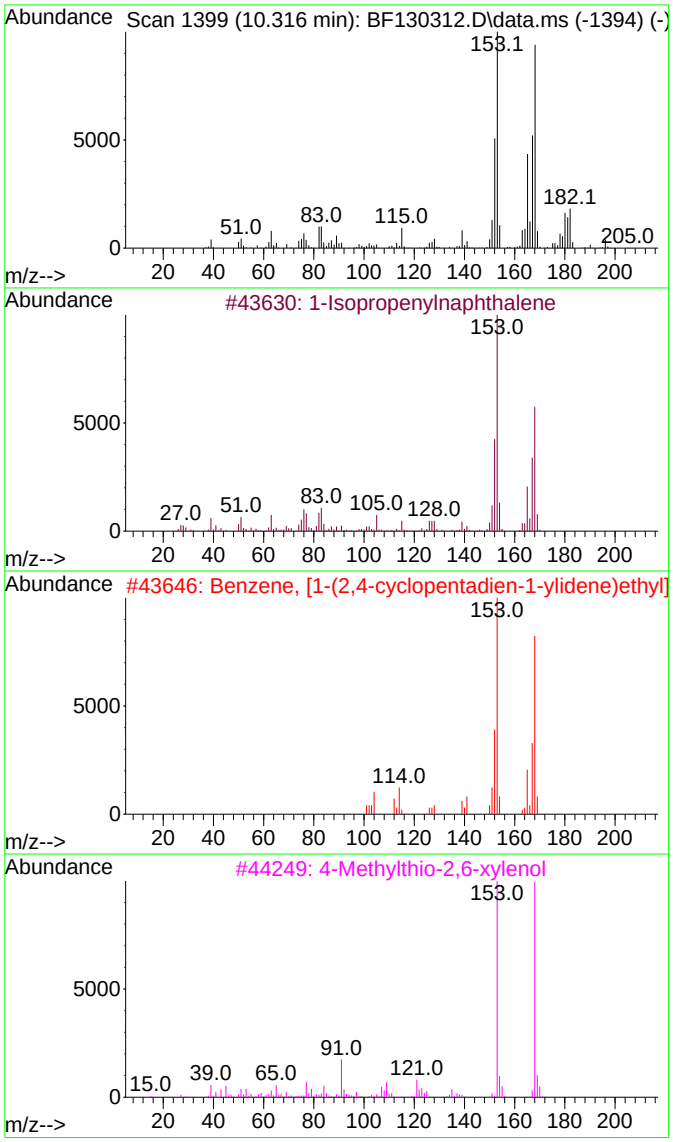
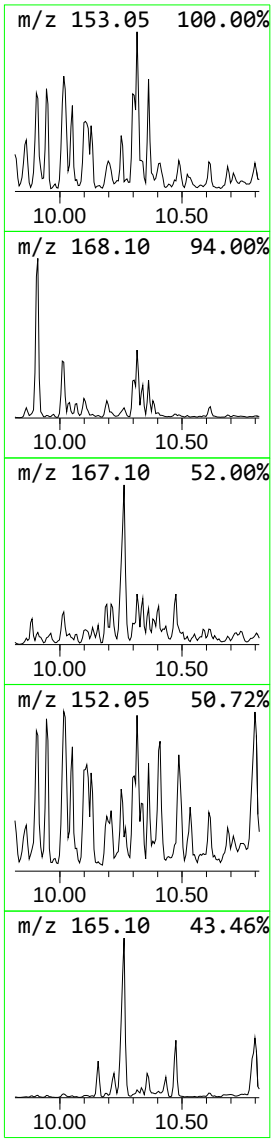
Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.316	12.14 ng	1267630	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	89
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	70
3	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	43
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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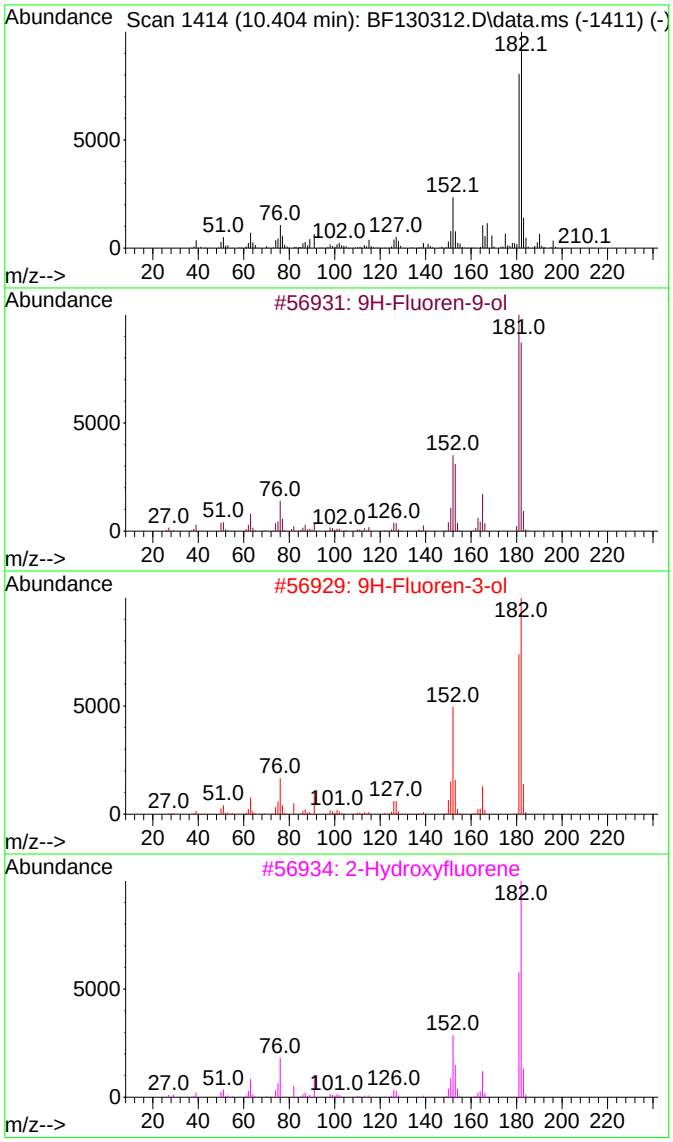
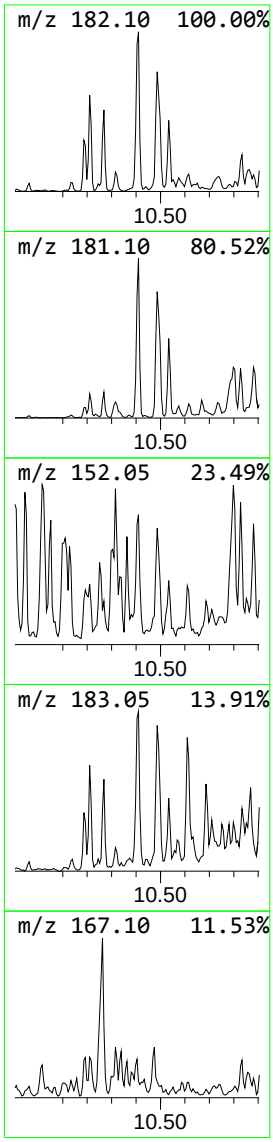
Peak Number 15 9H-Fluoren-9-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.404	12.50 ng	1304780	Acenaphthene-d10	9.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	87
4	2-Fluorenamine	181	C13H11N	000153-78-6	86
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83





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Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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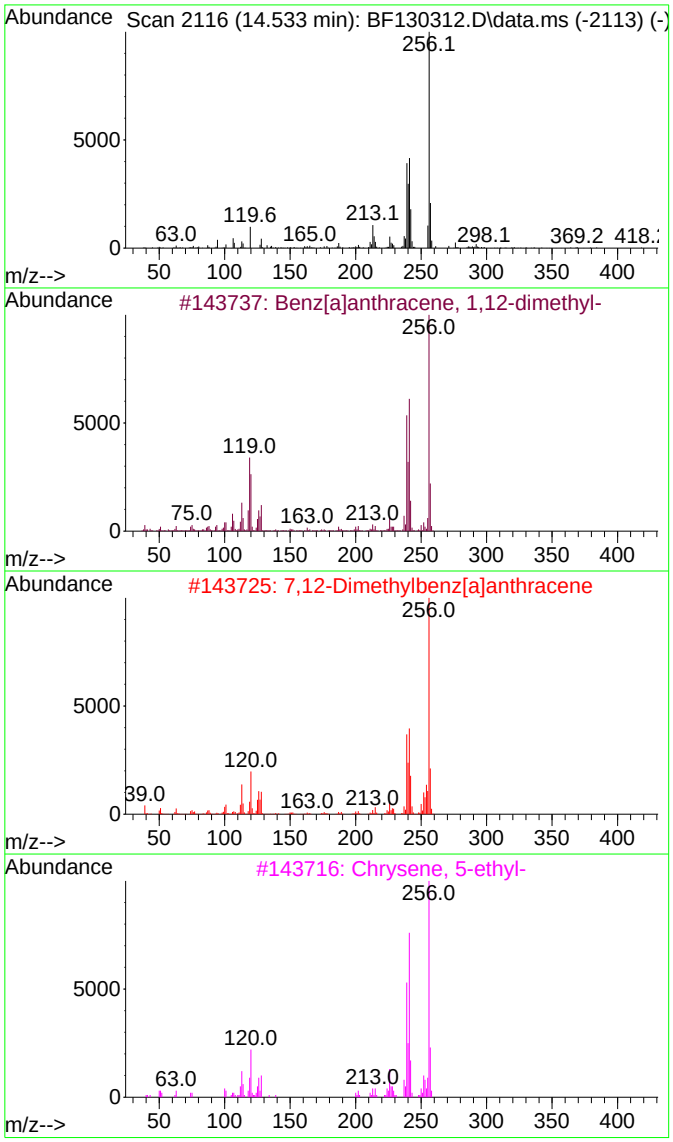
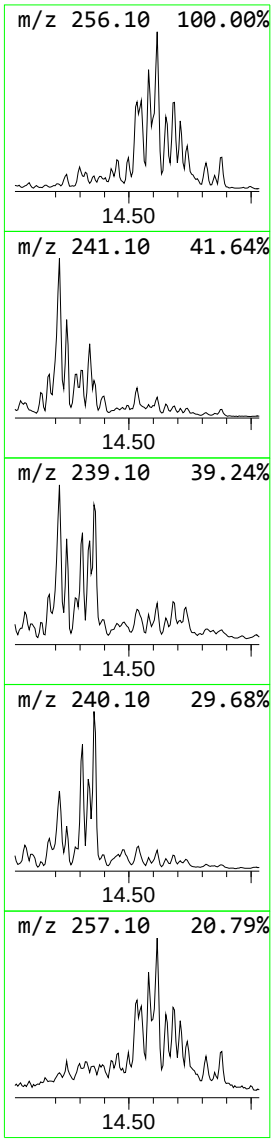
Peak Number 16 Benz[a]anthracene, 1,12-dim... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	21.99 ng	850532	Perylene-d12	15.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	91
2	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	91
3	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	91
4	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	90
5	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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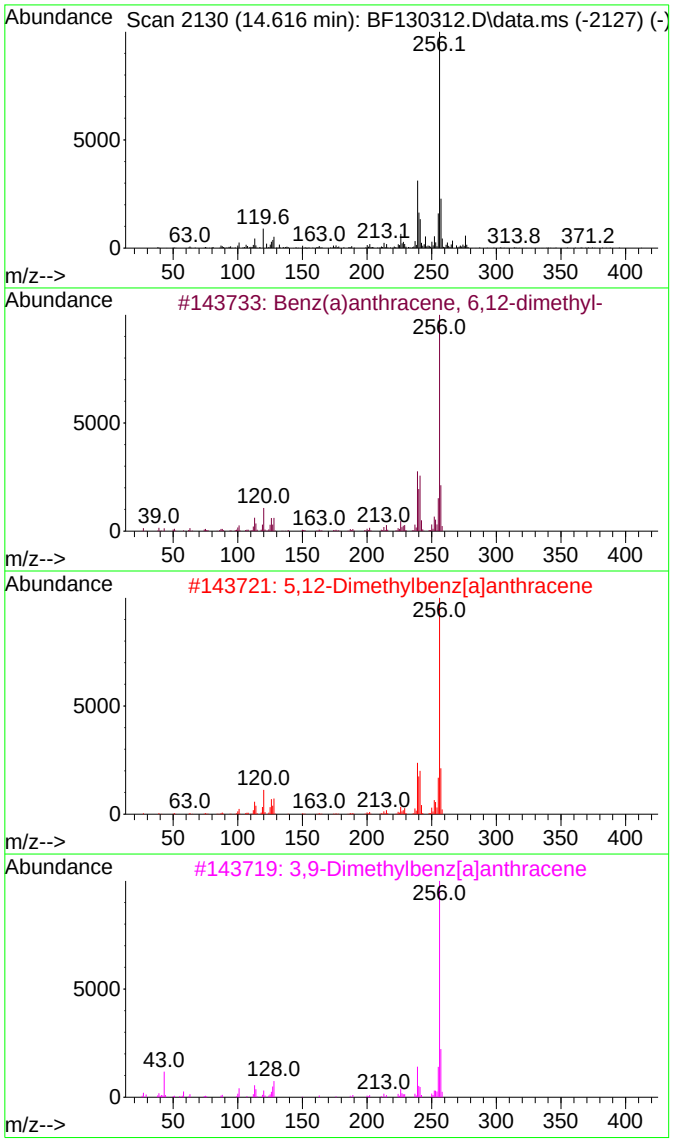
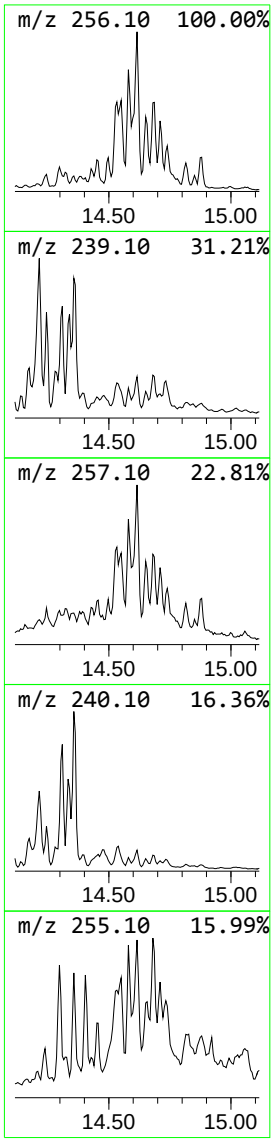
Peak Number 17 Benz(a)anthracene, 6,12-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.616	17.43 ng	674431	Perylene-d12	15.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	91
2	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	91
3	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	90
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	87
5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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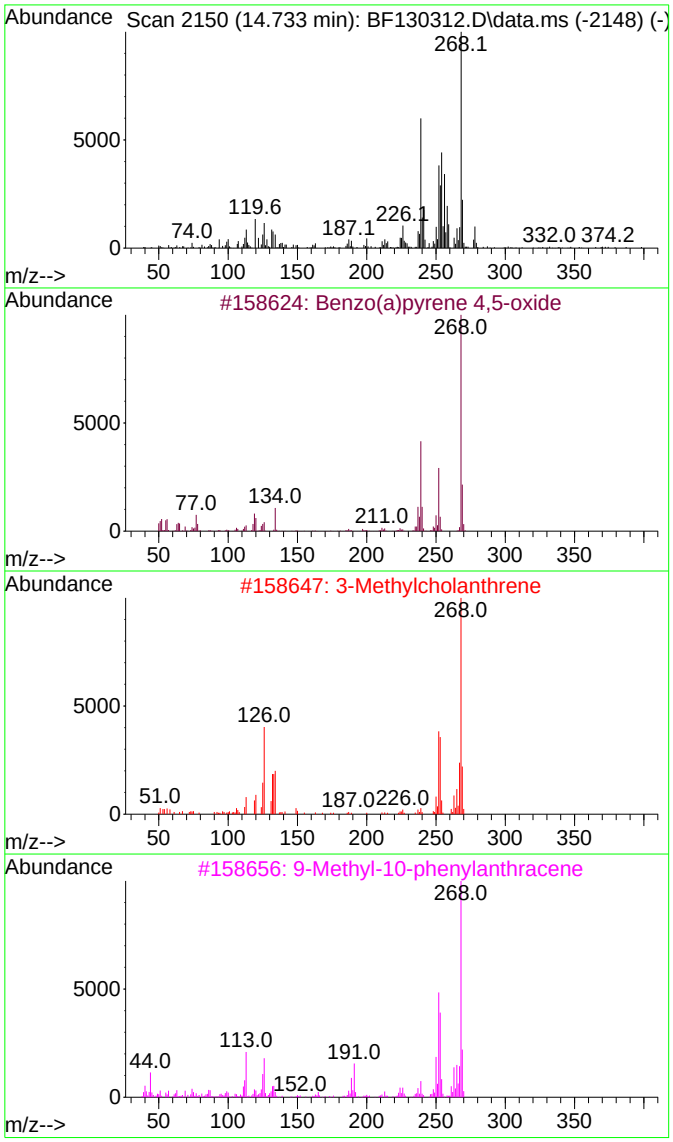
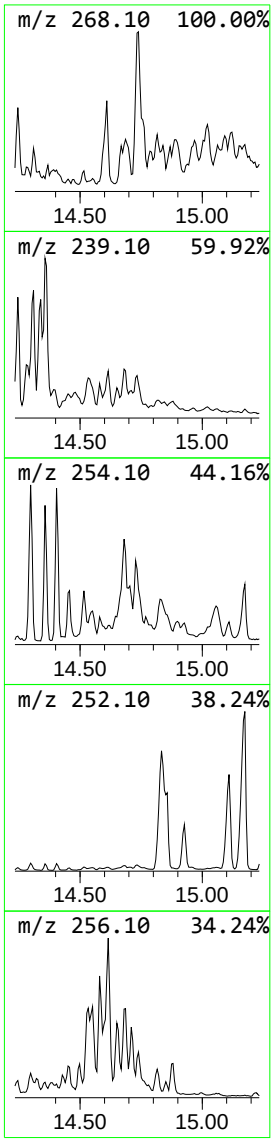
Peak Number 18 Benzo(a)pyrene 4,5-oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	22.09 ng	854441	Perylene-d12	15.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	78
2	3-Methylcholanthrene	268	C21H16	000056-49-5	55
3	9-Methyl-10-phenylanthracene	268	C21H16	013425-08-6	43
4	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	41
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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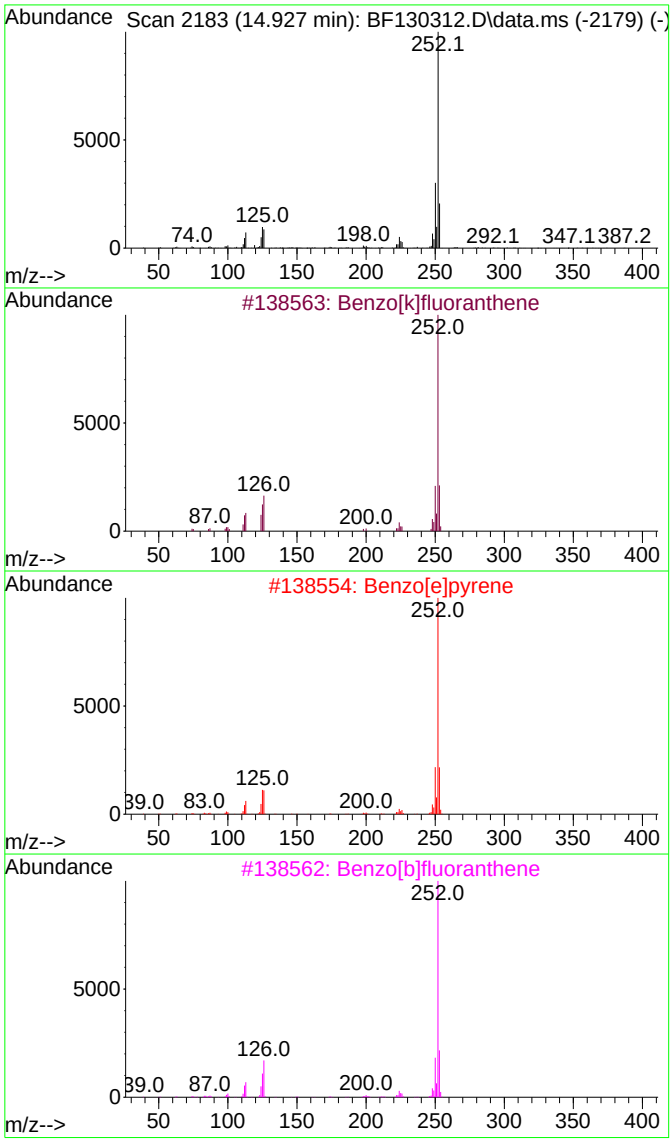
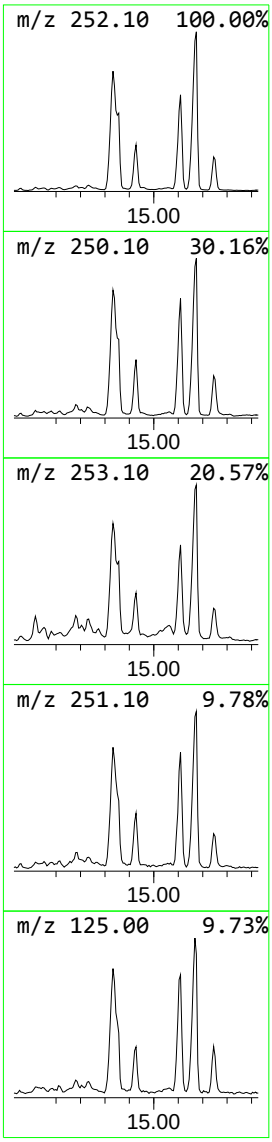
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	17.36 ng	671608	Perylene-d12	15.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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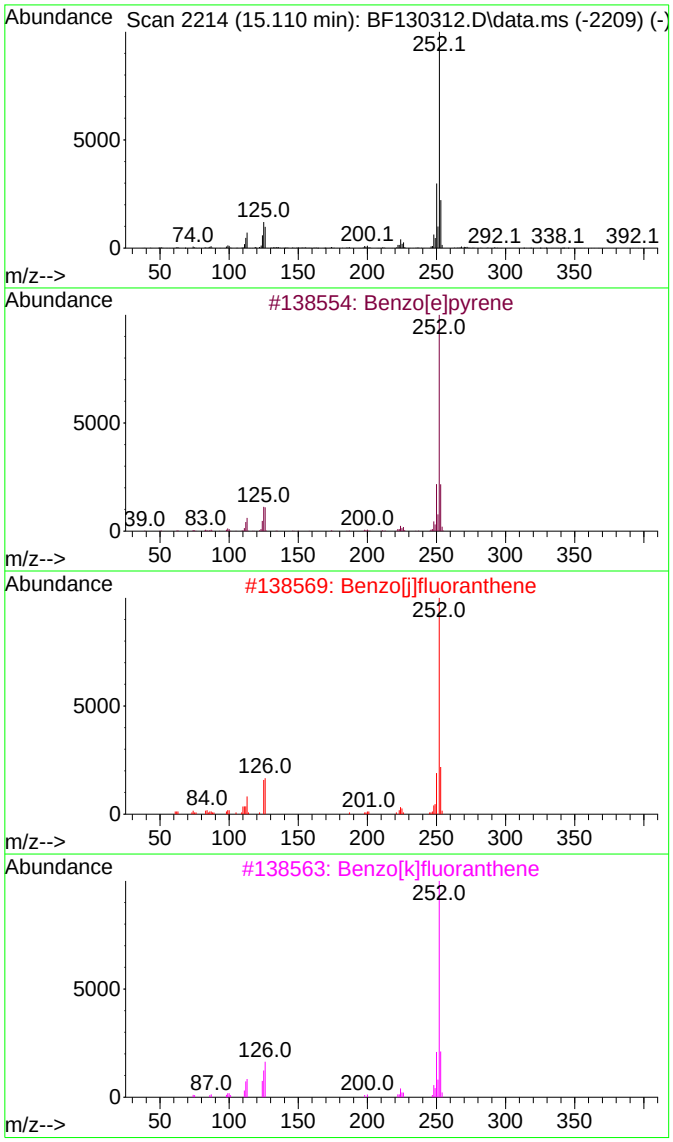
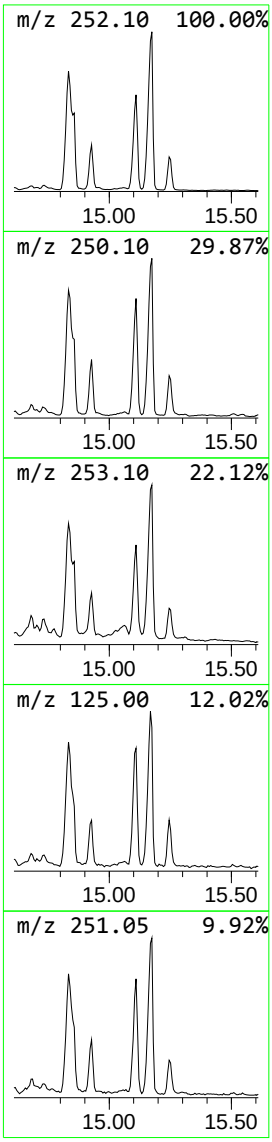
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	40.03 ng	1548420	Perylene-d12	15.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130312.D
Acq On : 17 Sep 2022 02:41
Operator : CG\JU
Sample : N4665-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
Mesitylene	6.493	20.0	ng	1267430	1	6.669	1267430	20.0
Indane	6.851	43.0	ng	2725510	1	6.669	1267430	20.0
1-Propyne, 3-ph...	6.928	23.8	ng	1510200	1	6.669	1267430	20.0
Naphthalene, 2-...	9.222	22.2	ng	2318260	3	9.704	2088420	20.0
Naphthalene, 1,...	9.304	61.0	ng	6366190	3	9.704	2088420	20.0
Naphthalene, 2,...	9.375	67.8	ng	7074470	3	9.704	2088420	20.0
Naphthalene, 1,...	9.404	40.2	ng	4197930	3	9.704	2088420	20.0
Naphthalene, 1,...	9.486	36.7	ng	3835870	3	9.704	2088420	20.0
Naphthalene, 2-...	9.810	12.4	ng	1297710	3	9.704	2088420	20.0
Naphthalene, 1,...	10.022	20.0	ng	2084830	3	9.704	2088420	20.0
Naphthalene, 1,...	10.051	12.9	ng	1349560	3	9.704	2088420	20.0
Naphthalene, 2,...	10.110	18.5	ng	1928740	3	9.704	2088420	20.0
3,3'-Dimethylbi...	10.210	18.7	ng	1948030	3	9.704	2088420	20.0
1-Isopropenylna...	10.316	12.1	ng	1267630	3	9.704	2088420	20.0
9H-Fluoren-9-ol	10.404	12.5	ng	1304780	3	9.704	2088420	20.0
Benz[a]anthrace...	14.533	22.0	ng	850532	6	15.221	773682	20.0
Benz(a)anthrace...	14.616	17.4	ng	674431	6	15.221	773682	20.0
Benzo(a)pyrene ...	14.733	22.1	ng	854441	6	15.221	773682	20.0
Benzo[e]pyrene	14.927	17.4	ng	671608	6	15.221	773682	20.0
Benzo[j]fluoran...	15.110	40.0	ng	1548420	6	15.221	773682	20.0