LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	537	544	547	rBV	4292250	4851270	13.99%	2.085%
2	5.393	556	562	566	rBV	2940909	4823603	13.91%	2.073%
3	5.645	599	605	608	rBV	2853299	2710581	7.82%	1.165%
4	5.957	654	658	661	rBV	491208	396090	1.14%	0.170%
5	6.316	715	719	721	rVV	2526410	2256428	6.51%	0.970%
6	6.345	721	724	727	rVB	1721877	1287317	3.71%	0.553%
7	6.387	728	731	735	rBV	856951	666591	1.92%	0.287%
8	6.428	735	738	742	rBV	652871	647011	1.87%	0.278%
9	6.469	742	745	748	rVB	636001	506435	1.46%	0.218%
10	6.616	766	770	773	rVB2	2549790	2767739	7.98%	1.190%
11	6.845	805	809	812	rVV	1106492	1205466	3.48%	0.518%
12	6.892	812	817	822	rVB	508784	715798	2.06%	0.308%
13	6.987	824	833	835	rVV	7015434	11249784	32.45%	4.836%
14	7.057	839	845	848	rVB	4316091	4578259	13.21%	1.968%
15	7.098	848	852	857	rBV2	696836	690106	1.99%	0.297%
16	7.316	883	889	891	rVV	782996	721362	2.08%	0.310%
17	7.351	891	895	898	rVV	1604655	1538838	4.44%	0.661%
18	7.575	931	933	937	rVB	596881	533970	1.54%	0.230%
19	7.734	955	960	964	rVB	1155849	1142671	3.30%	0.491%
20	7.822	967	975	977	rBV3	2280316	3870988	11.17%	1.664%
21	7.857	977	981	987	rVV	2951051	4806653	13.86%	2.066%
22	7.939	992	995	1000	rVB	370493	400849	1.16%	0.172%
23	8.157	1013	1032	1033	rVV2	8302509	34670499	100.00%	14.903%
24	8.175	1033	1035	1037	rVV	3546439	2041641	5.89%	0.878%
25	8.422	1073	1077	1081	rVV2	353493	588015	1.70%	0.253%
26	8.504	1086	1091	1093	rVV	437845	502239	1.45%	0.216%
27	8.569	1100	1102	1106	rVB2	472321	397201	1.15%	0.171%
28	8.734	1123	1130	1134	rVV2	666917	993310	2.87%	0.427%
29	8.810	1134	1143	1145	rVV	6778386	13176747	38.01%	5.664%
30	8.839	1145	1148	1151	rVV	619882	642128	1.85%	0.276%
31	8.910	1151	1160	1162	rVB	6486146	10876752	31.37%	4.675%
32	9.145	1191	1200	1203	rVB2	2509990	3156772	9.11%	1.357%
33	9.210	1208	1211	1213	rBV	1109540	810866	2.34%	0.349%
34	9.245	1213	1217	1220	rBV	1988262	1627235	4.69%	0.699%
35	9.316	1226	1229	1230	rBV	520926	499415	1.44%	0.215%
36	9.339	1230	1233	1238	rVB	1979423	1897583	5.47%	0.816%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.416	1238	1246	1248	rBV	2193477	3138923	9.05%	1.349%
38	9.486	1253	1258	1260	rBV	2995451	3630898	10.47%	1.561%
39	9.516	1260	1263	1266	rVB	2052731	1787261	5.15%	0.768%
40	9.598	1271	1277	1279	rBV	1646846	1779094	5.13%	0.765%
41	9.686	1288	1292	1295	rVB	2282323	2077479	5.99%	0.893%
42	9.804	1309	1312	1314	rVV	904529	937039	2.70%	0.403%
43	9.863	1317	1322	1324	rVV	3462348	3386721	9.77%	1.456%
44	9.922	1328	1332	1336	rVV2	384805	485532	1.40%	0.209%
45	9.957	1336	1338	1342	rVV	519803	441456	1.27%	0.190%
46	10.022	1342	1349	1353	rVV2	880596	1237854	3.57%	0.532%
47	10.063	1353	1356	1359	rVB	571065	414046	1.19%	0.178%
48	10.133	1363	1368	1372	rBV3	662999	1119855	3.23%	0.481%
49	10.228	1379	1384	1386	rBV2	428533	589395	1.70%	0.253%
50	10.275	1390	1392	1394	rBV	517600	397753	1.15%	0.171%
51	10.304	1394	1397	1401	rVV3	518827	643761	1.86%	0.277%
52	10.339	1401	1403	1406	rVV	591833	574020	1.66%	0.247%
53	10.375	1406	1409	1414	rVB	2505621	2830934	8.17%	1.217%
54	10.422	1414	1417	1418	rBV	933253	784081	2.26%	0.337%
55	10.439	1418	1420	1424	rVV	1263108	1405567	4.05%	0.604%
56	10.480	1424	1427	1428	rVV2	604952	573994	1.66%	0.247%
57	10.498	1428	1430	1432	rVV	1109493	883940	2.55%	0.380%
58	10.592	1443	1446	1447	rBV	971328	804227	2.32%	0.346%
59	10.610	1447	1449	1454	rVB2	1756718	1715986	4.95%	0.738%
60	10.692	1459	1463	1467	rVB	666132	710988	2.05%	0.306%
61	10.792	1477	1480	1484	rBV	1089296	1026666	2.96%	0.441%
62	10.880	1491	1495	1497	rBV2	2300823	2558246	7.38%	1.100%
63	10.904	1497	1499	1504	rVV2	1698661	2021407	5.83%	0.869%
64	10.951	1504	1507	1508	rVV	495821	524075	1.51%	0.225%
65	10.969	1508	1510	1513	rVV2	1635174	1353162	3.90%	0.582%
66	11.004	1513	1516	1519	rVV	567058	459129	1.32%	0.197%
67	11.086	1526	1530	1534	rVV	1556040	1671741	4.82%	0.719%
68	11.210	1547	1551	1556	rVB	1024189	943661	2.72%	0.406%
69	11.263	1556	1560	1563	rBV	3317201	3126888	9.02%	1.344%
70	11.327	1566	1571	1573	rBV	3710932	4947775	14.27%	2.127%
71	11.357	1573	1576	1579	rVB2	5142359	5477914	15.80%	2.355%
72	11.392	1579	1582	1584	rBV	1191742	1107931	3.20%	0.476%
73	11.422	1584	1587	1590	rVB	2903418	2512973	7.25%	1.080%
74	11.533	1601	1606	1608	rBV	3280710	3491492	10.07%	1.501%
75	11.551	1608	1609	1612	rVB2	617459	480360	1.39%	0.206%
76	11.722	1632	1638	1639	rBV	5692930	6977994	20.13%	2.999%

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.739	1639	1641	1645	rVV2	1263655	1710284	4.93%	0.735%
78	11.780	1645	1648	1652	rVB2	1337488	1223991	3.53%	0.526%
79	11.827	1652	1656	1657	rBV	1385241	1282337	3.70%	0.551%
80	11.851	1657	1660	1665	rVB2	1932126	2298307	6.63%	0.988%
81	11.939	1671	1675	1676	rBV	1599299	1655025	4.77%	0.711%
82	11.963	1676	1679	1681	rVB	1983870	1846651	5.33%	0.794%
83	12.133	1703	1708	1711	rBV	3724170	4004301	11.55%	1.721%
84	12.298	1733	1736	1738	rVB	1596771	1321792	3.81%	0.568%
85	12.327	1738	1741	1742	rBV3	507468	486979	1.40%	0.209%
86	12.351	1742	1745	1747	rVV	823574	739723	2.13%	0.318%
87	12.374	1747	1749	1753	rVV4	466633	607465	1.75%	0.261%
88	12.545	1773	1778	1780	rBV2	1708729	2338679	6.75%	1.005%
89	12.616	1788	1790	1792	rBV	558449	391859	1.13%	0.168%
90	12.639	1792	1794	1797	rVB3	683409	547547	1.58%	0.235%
91	12.686	1800	1802	1804	rBV2	640033	702060	2.02%	0.302%
92	12.774	1814	1817	1823	rVB3	1467643	2171139	6.26%	0.933%
93	13.316	1905	1909	1912	rBV5	975902	1818406	5.24%	0.782%
94	13.386	1918	1921	1925	rBV5	1138616	1654142	4.77%	0.711%
95	15.051	2201	2204	2211	rVB3	1016752	1446620	4.17%	0.622%
96	15.962	2354	2359	2364	rVB2	1052977	1838118	5.30%	0.790%
97	16.209	2397	2401	2416	rVB	939938	2474965	7.14%	1.064%
98	16.657	2471	2477	2483	rVB	998199	1966309	5.67%	0.845%
99	17.721	2655	2658	2678	rVB2	298909	1009388	2.91%	0.434%
100	18.092	2713	2721	2733	rVB2	629104	1831495	5.28%	0.787%

Sum of corrected areas: 232648012

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
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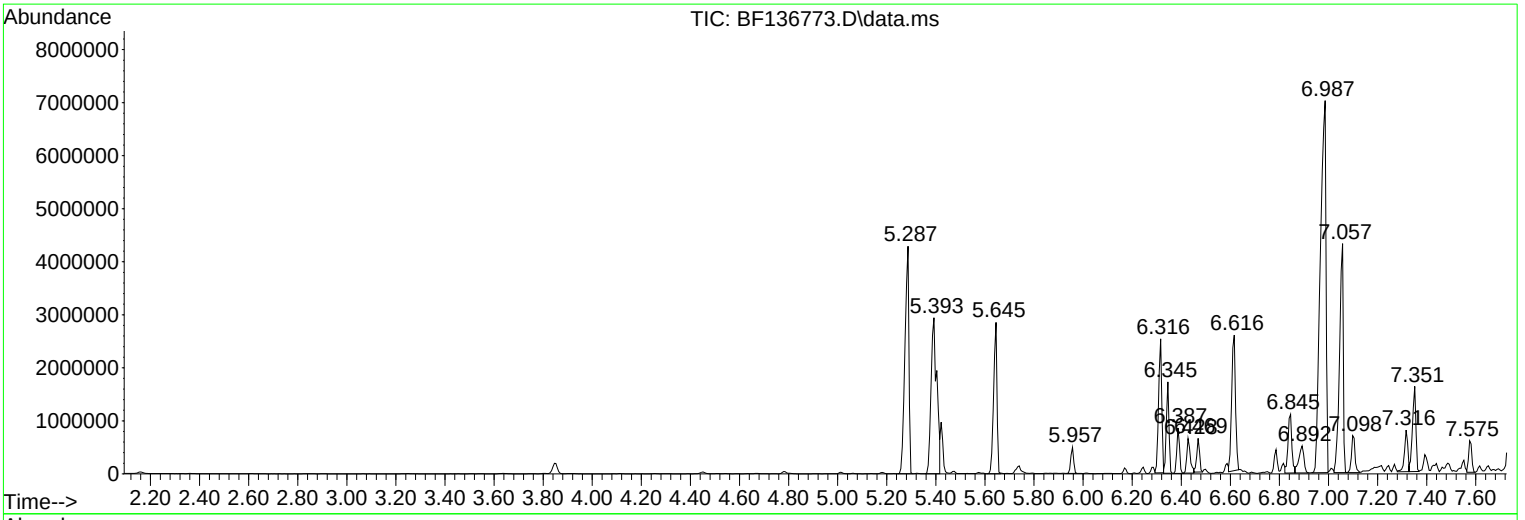
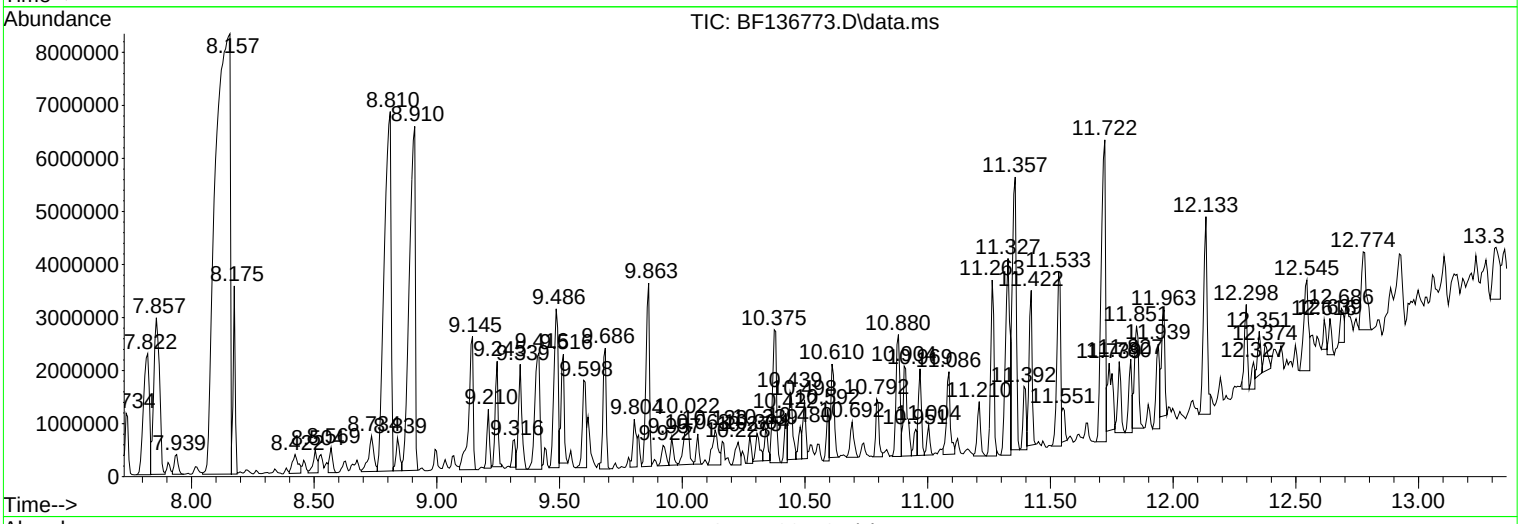
Misc :
ALS Vial : 13 Sample Multiplier: 1

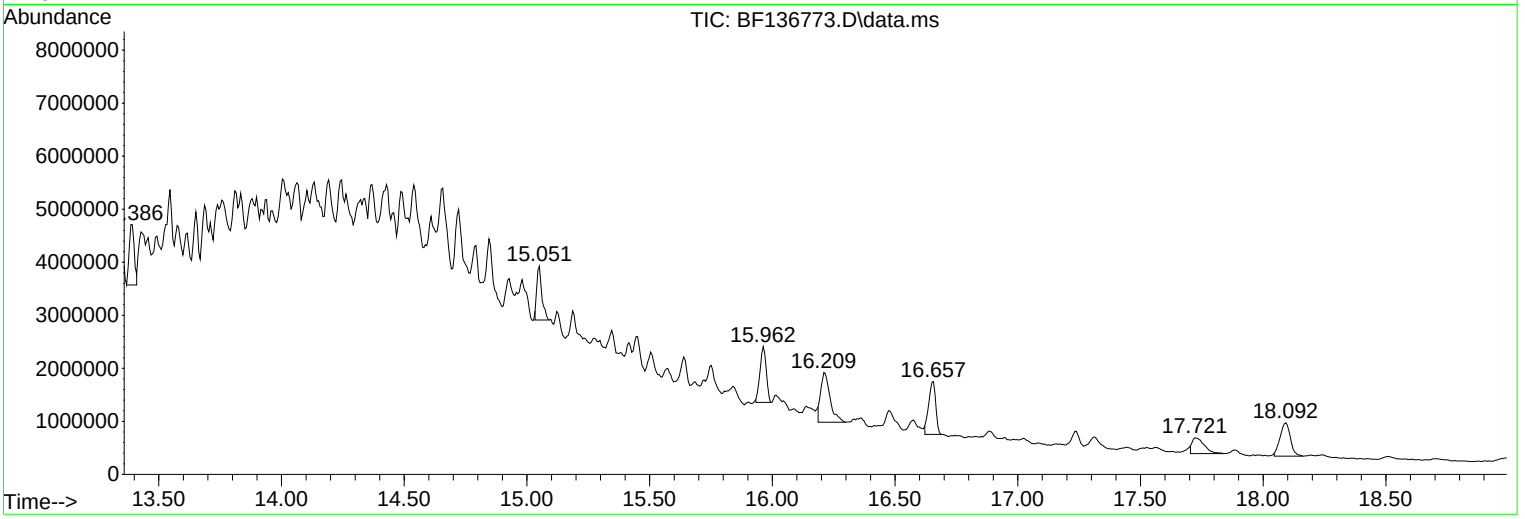
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

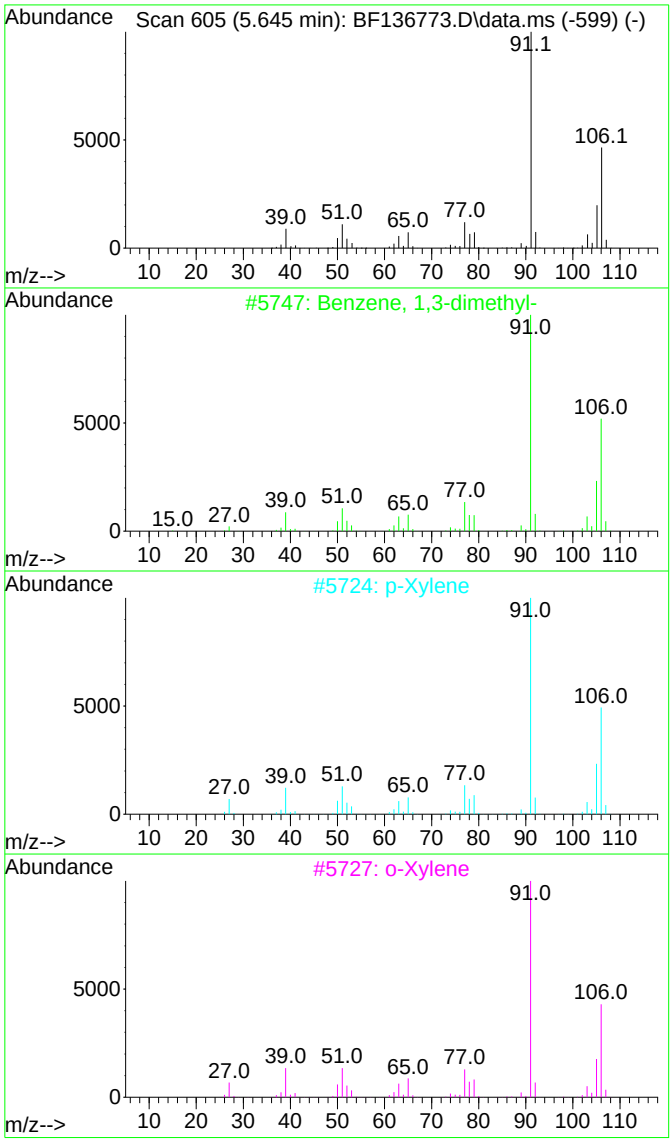
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

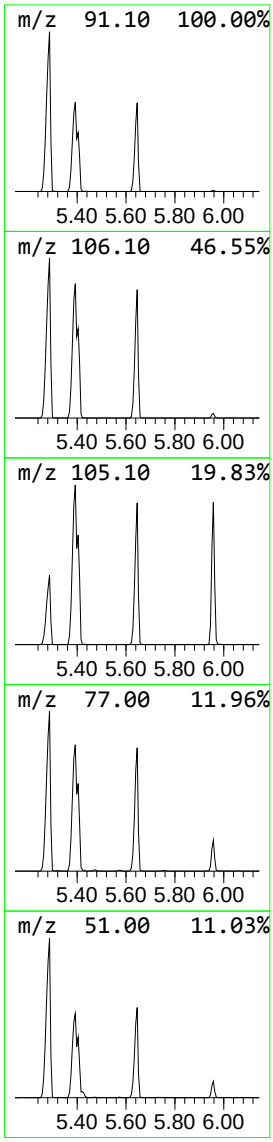
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	44.97 ng	2710580	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





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Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
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Sample : 05862-12
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

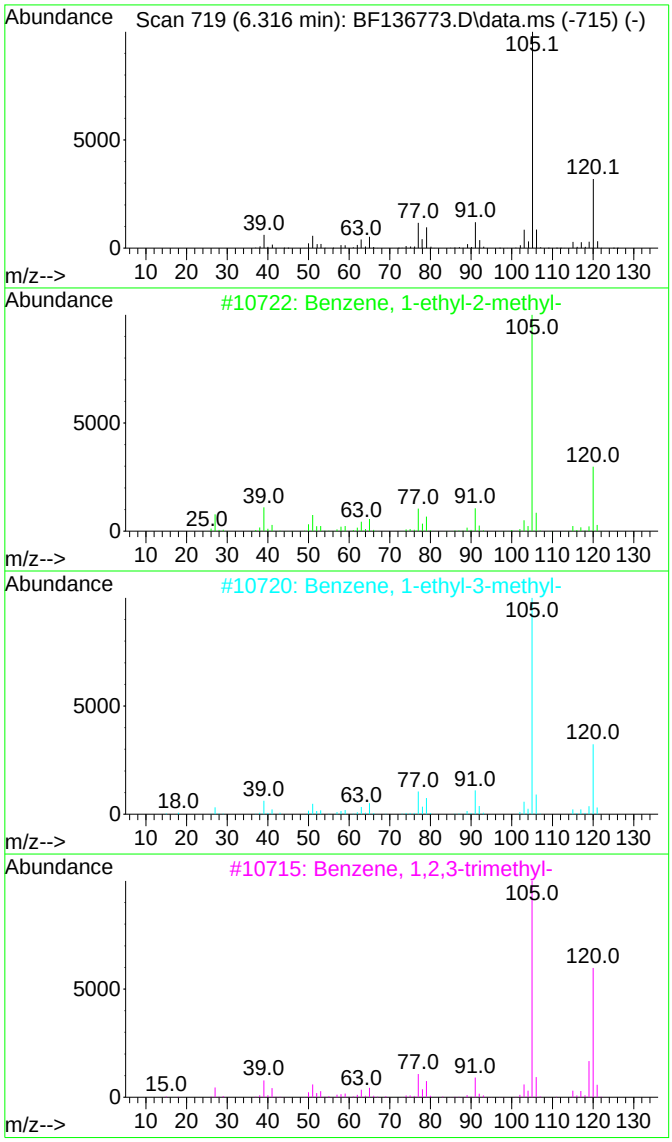
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

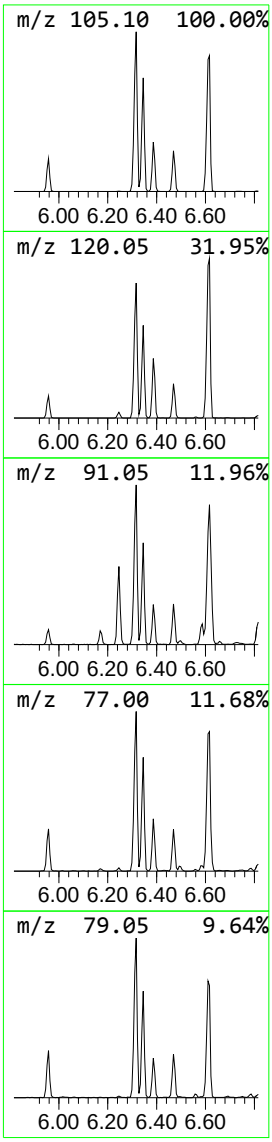
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	37.44 ng	2256430	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
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Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

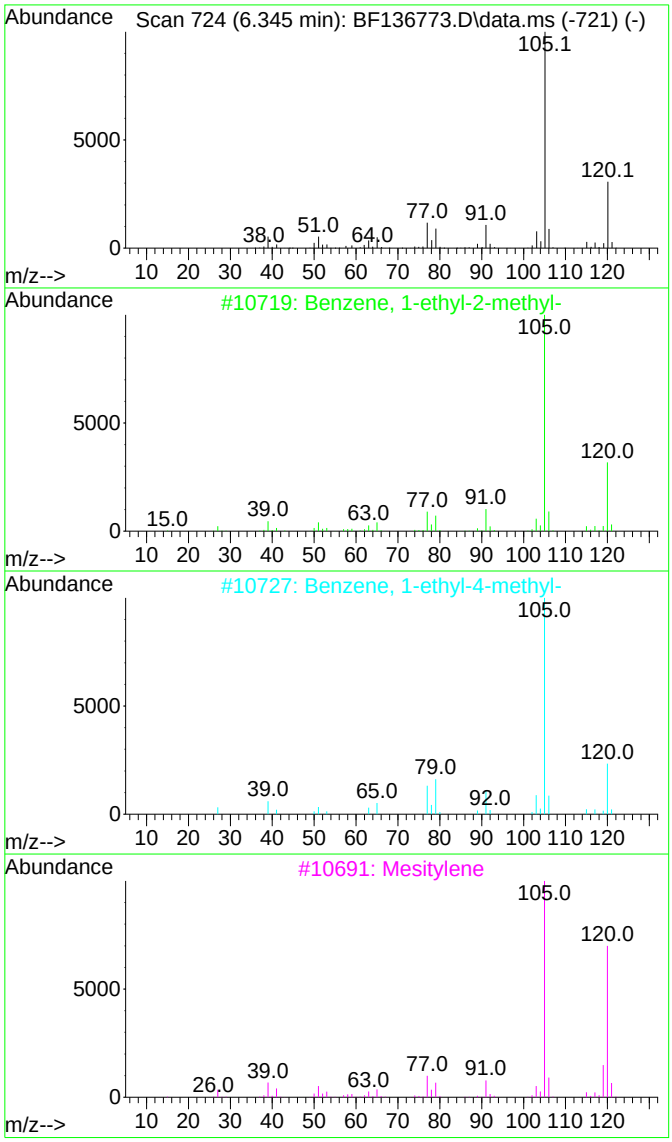
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

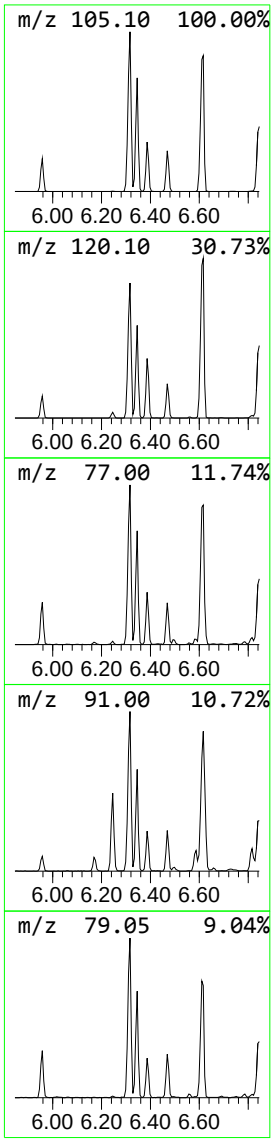
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	21.36 ng	1287320	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

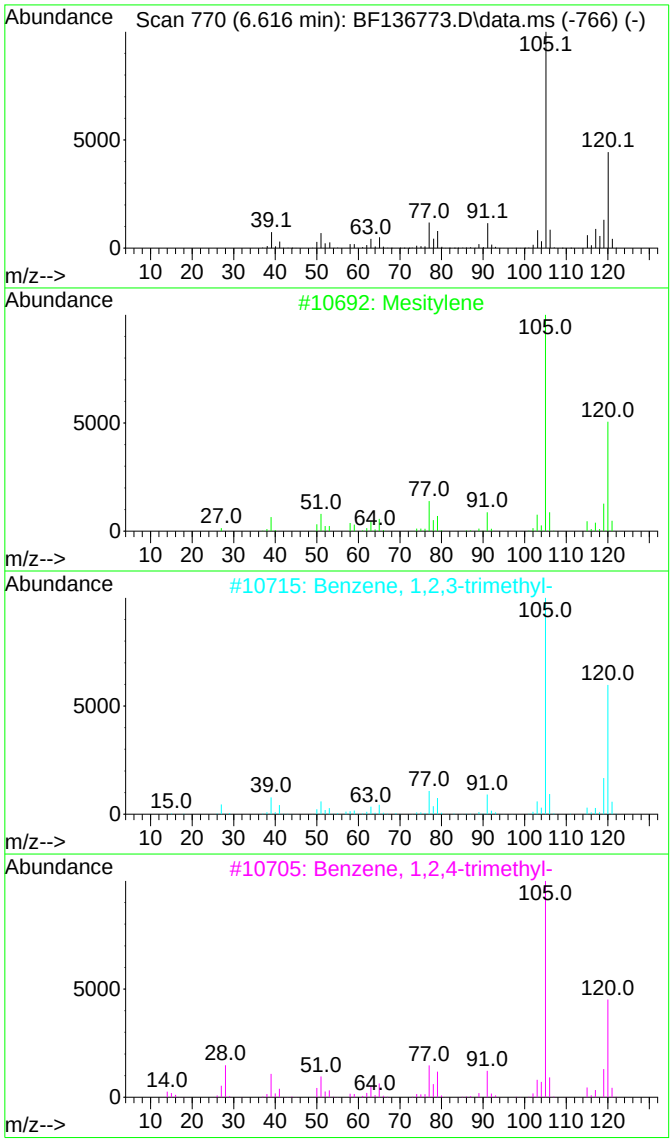
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

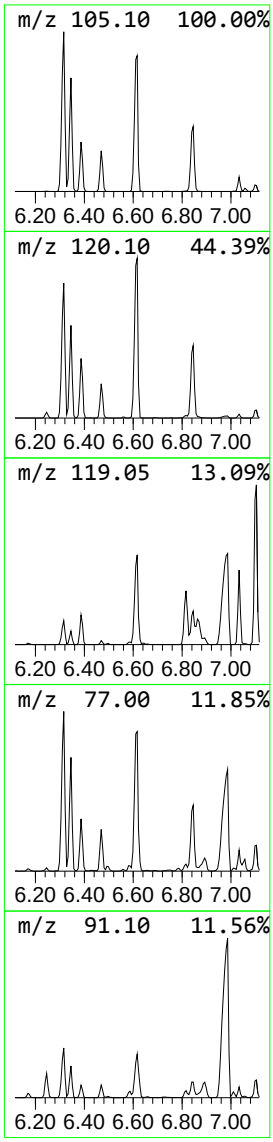
****

Peak Number 5 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	45.92 ng	2767740	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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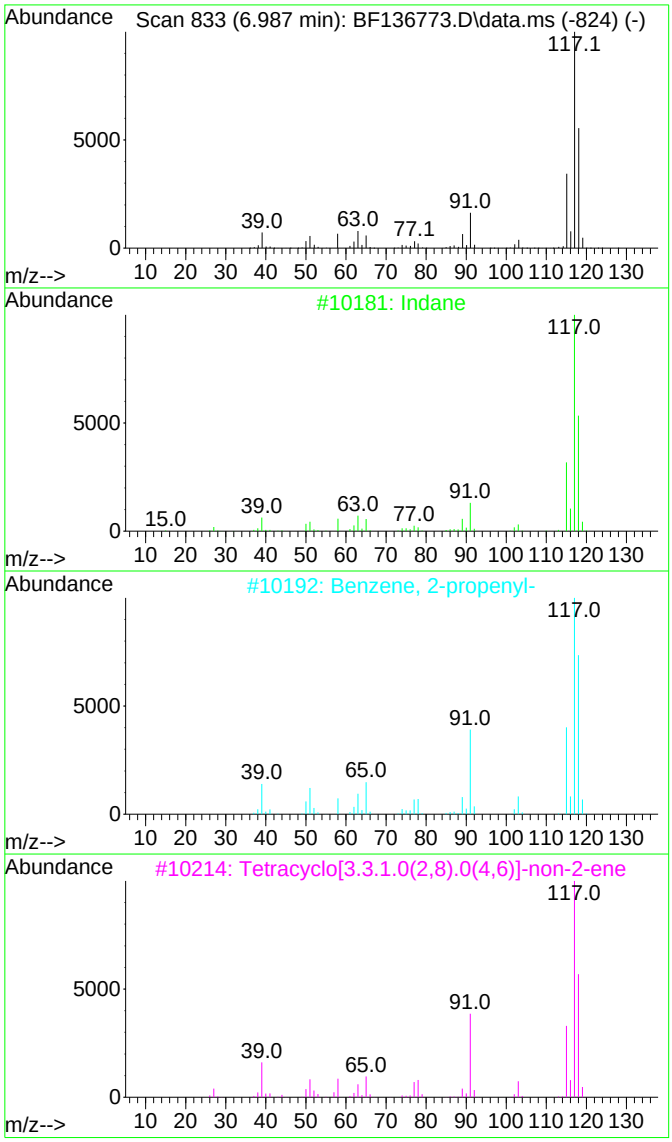
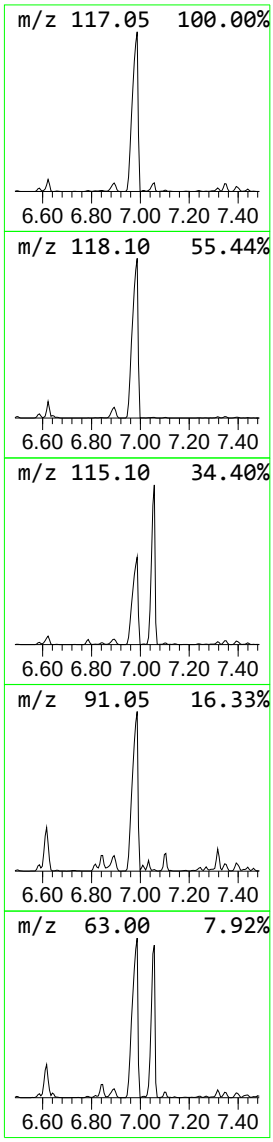
Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.987	186.65 ng	11249800	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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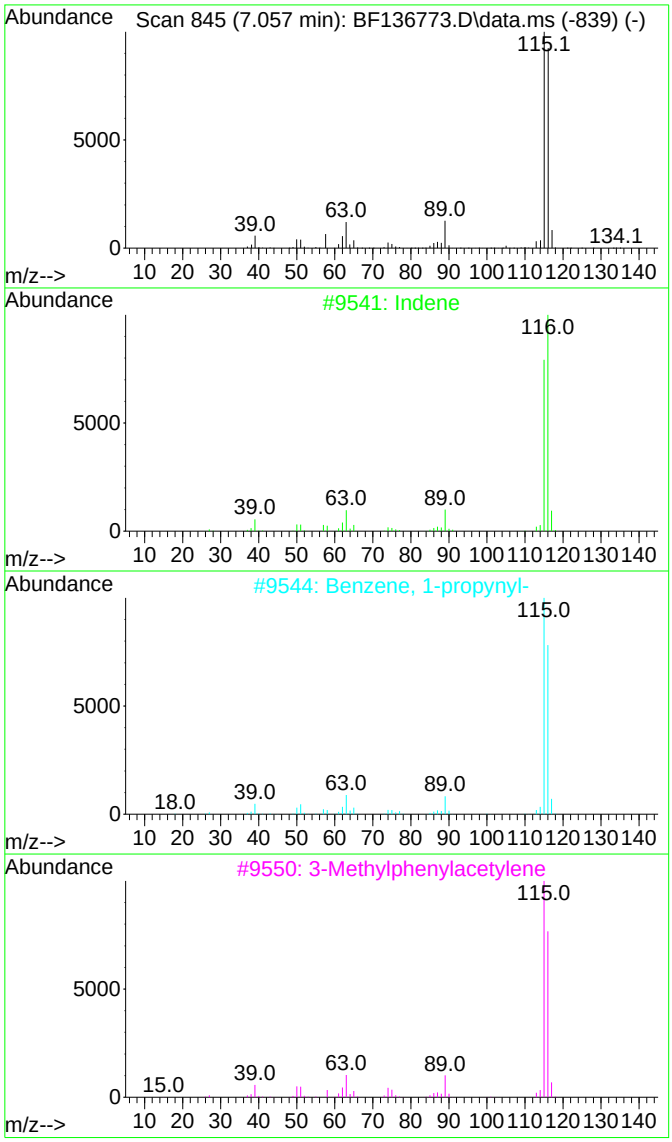
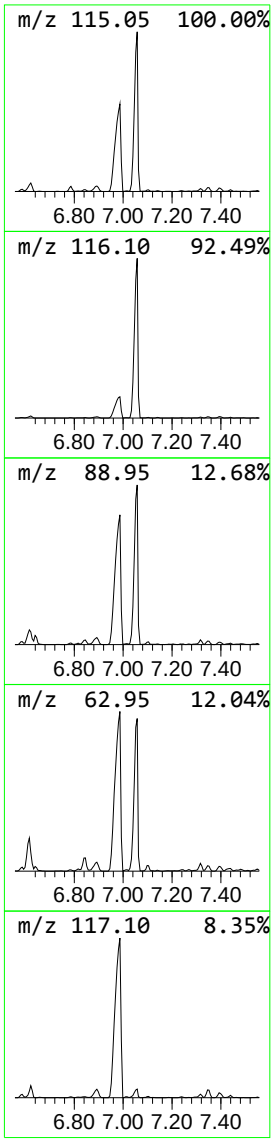
Peak Number 8 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	75.96 ng	4578260	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





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Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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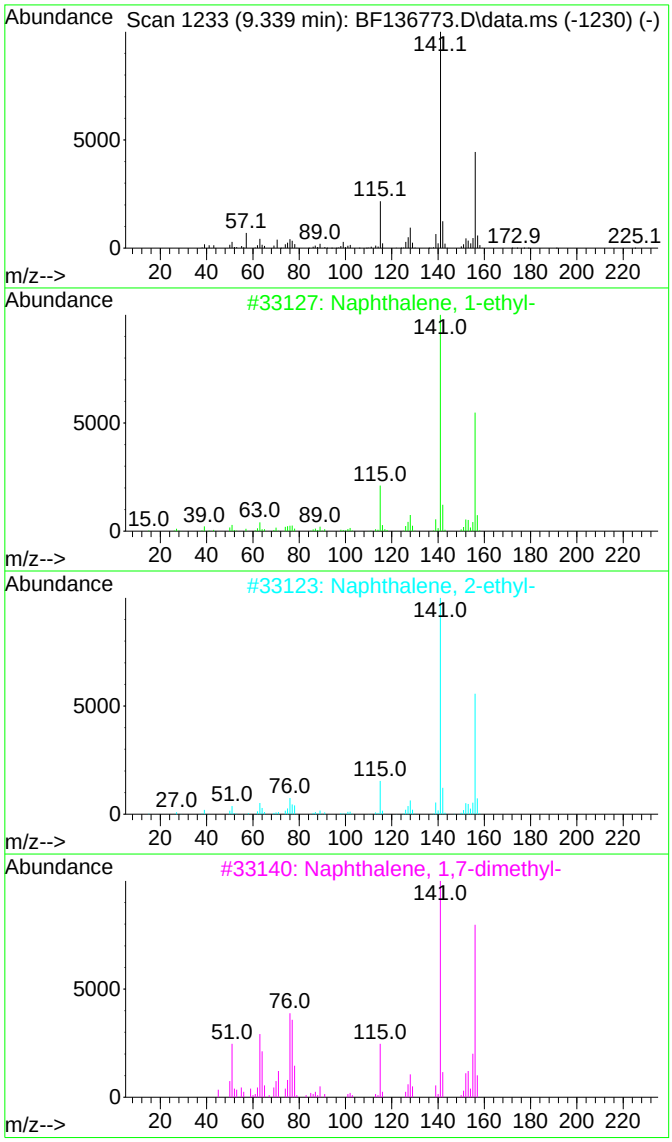
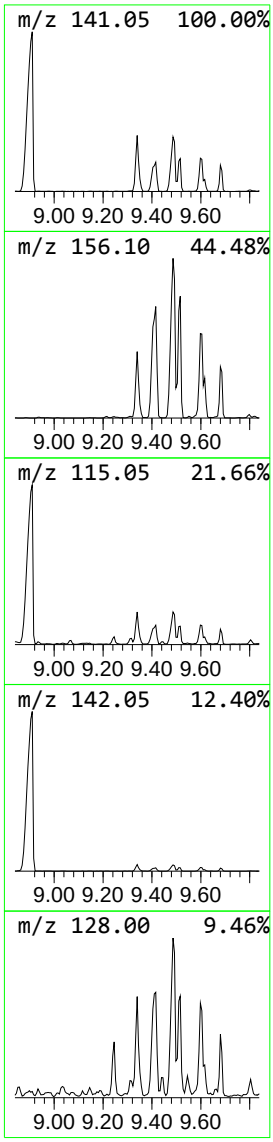
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	40.50 ng	1897580	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





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Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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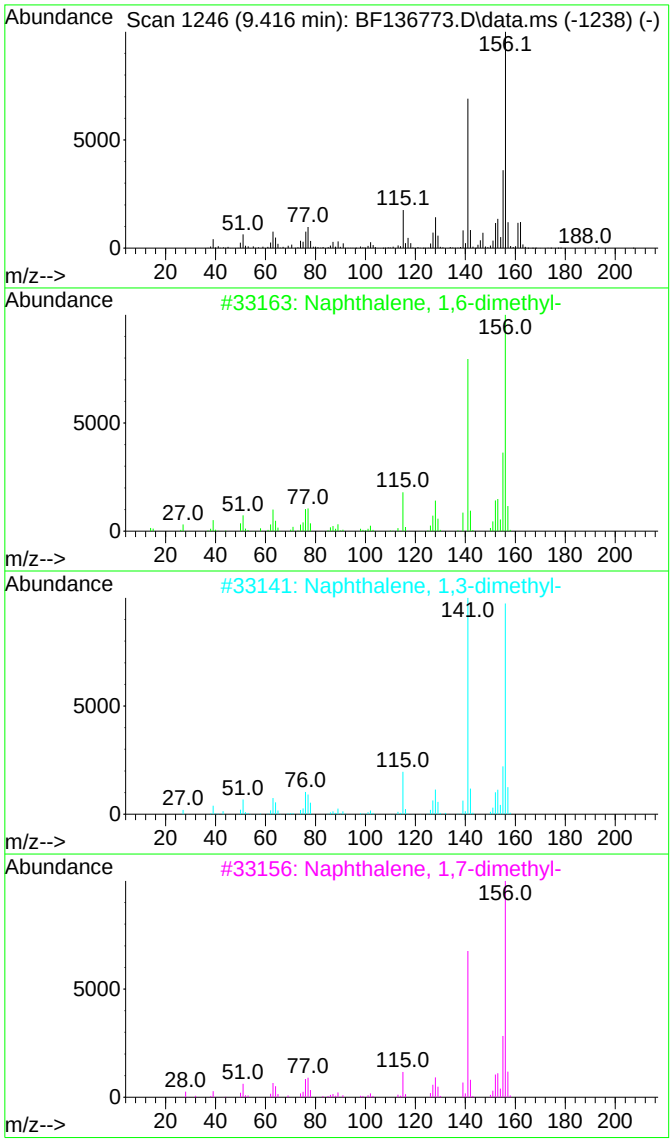
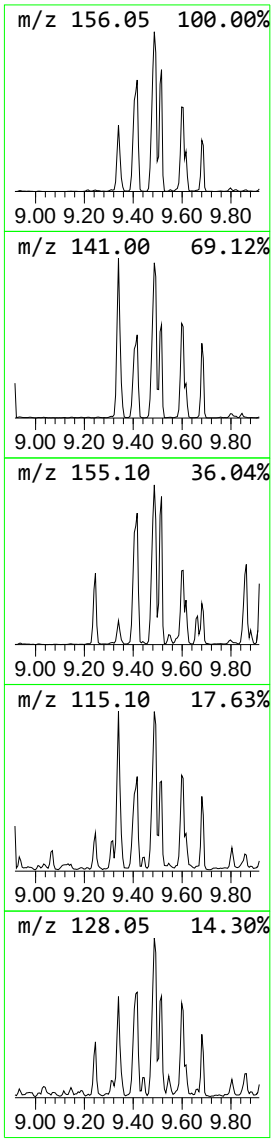
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	67.00 ng	3138920	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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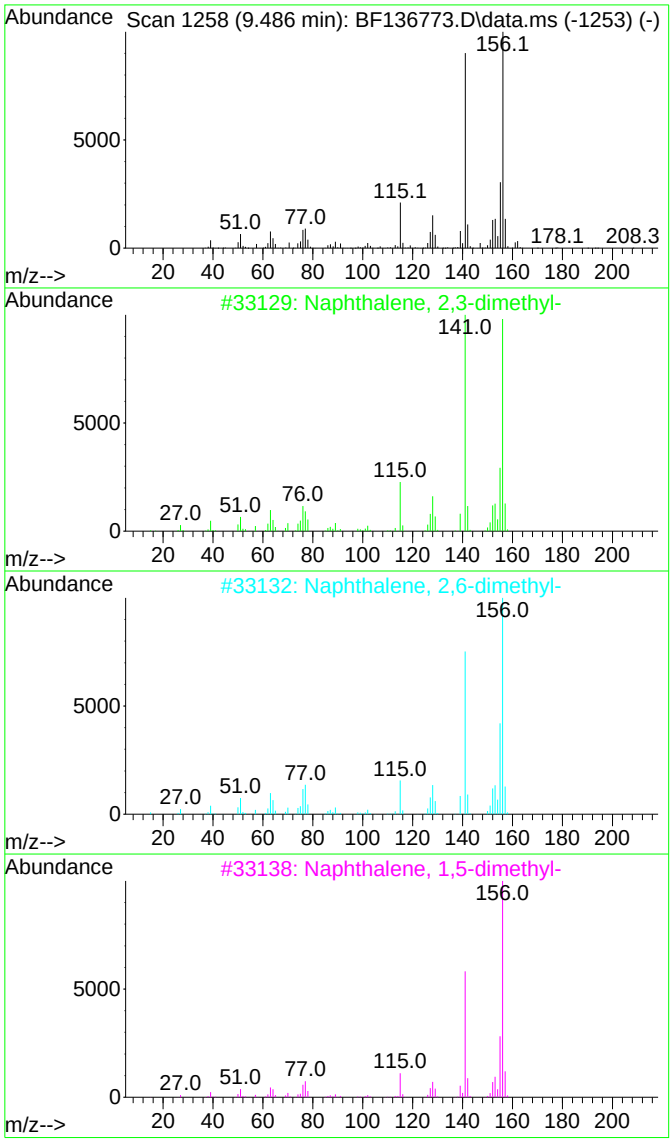
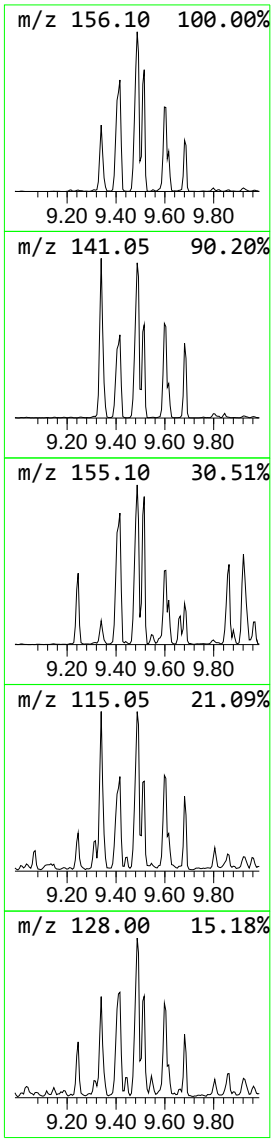
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	77.50 ng	3630900	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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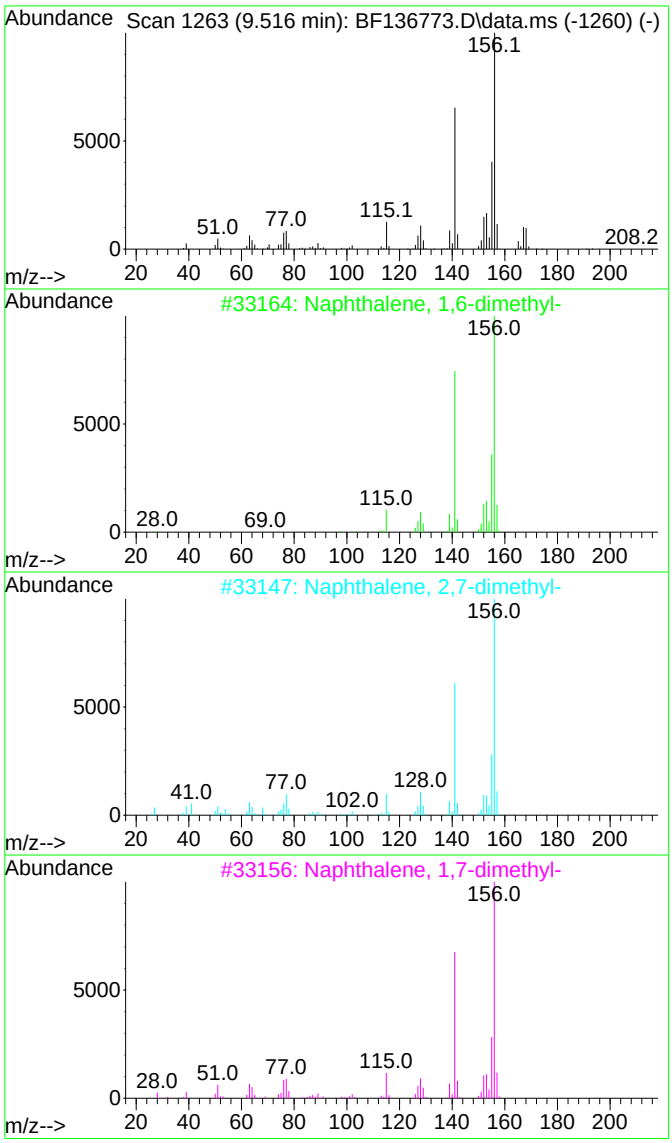
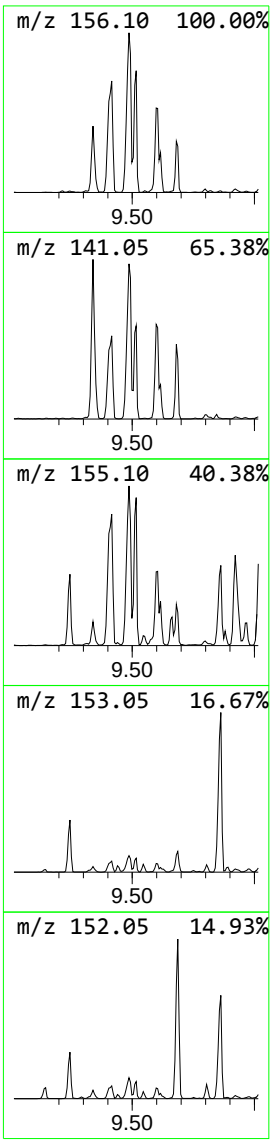
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	38.15 ng	1787260	Acenaphthene-d10	9.822

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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





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Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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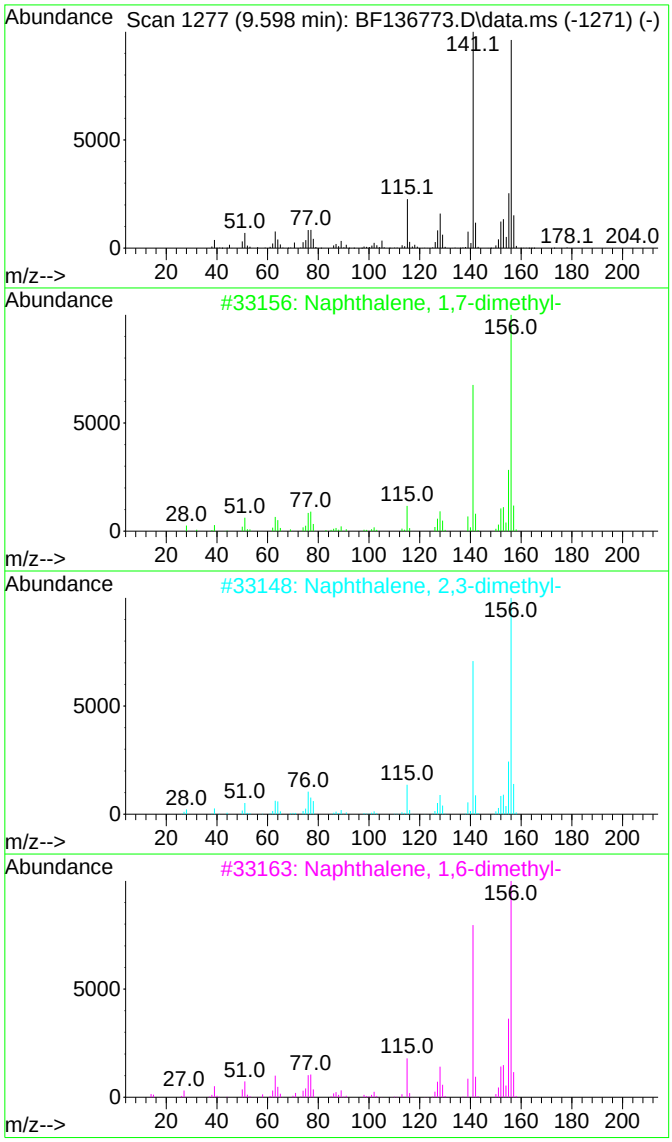
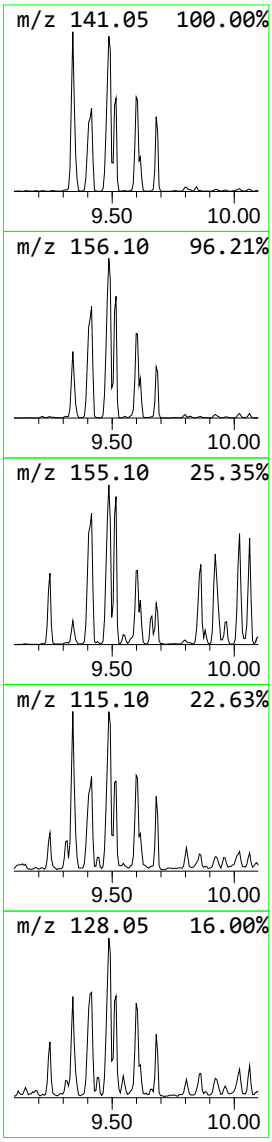
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	37.97 ng	1779090	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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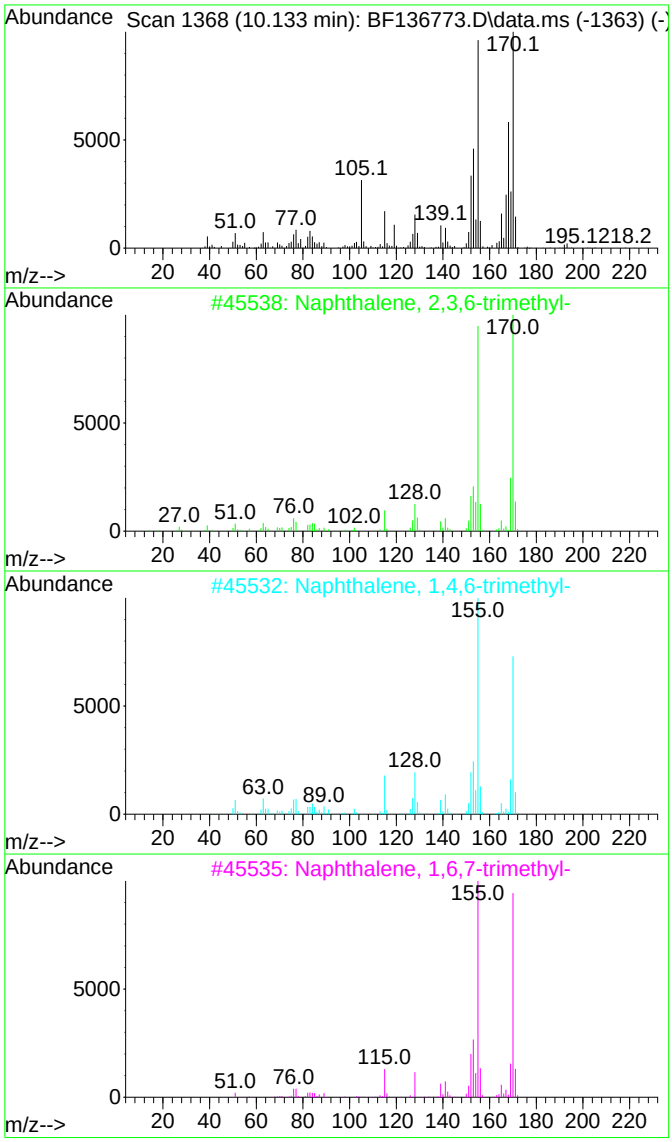
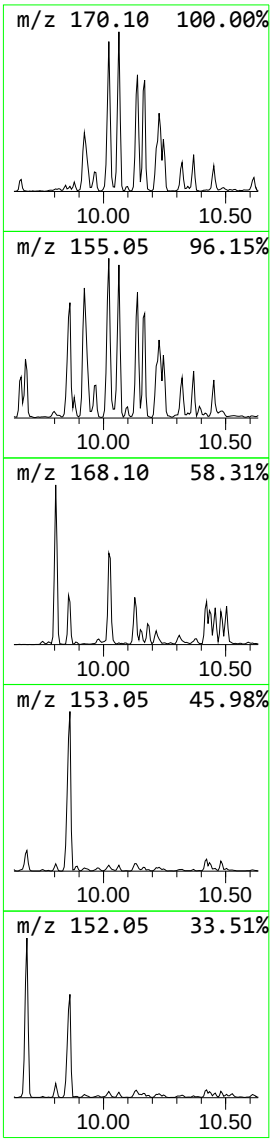
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	23.90 ng	1119860	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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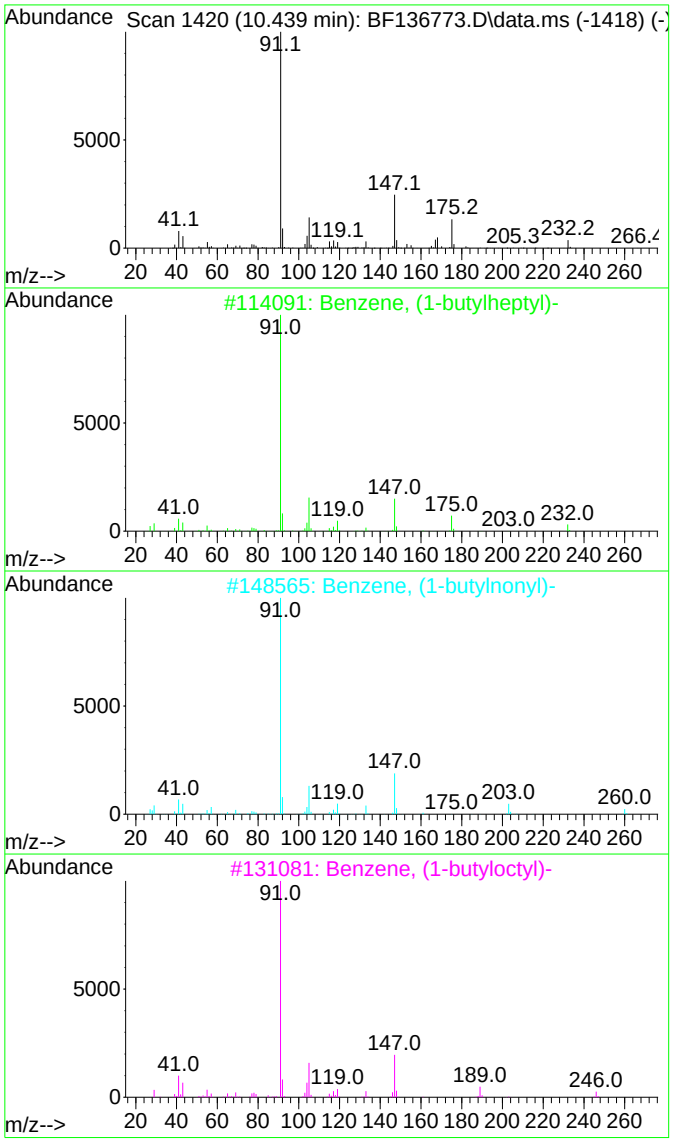
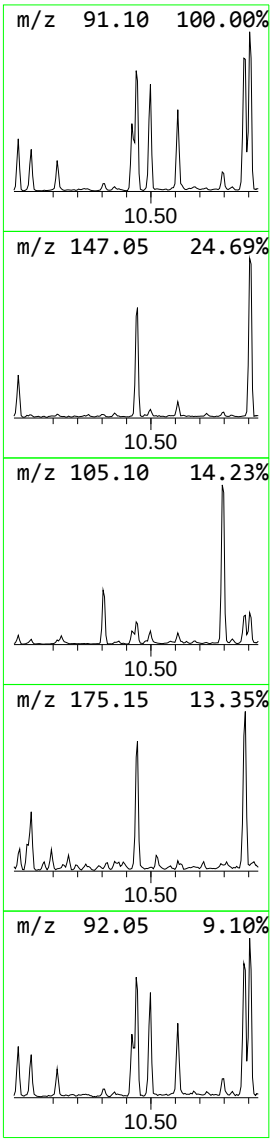
Peak Number 15 Benzene, (1-butylheptyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	30.00 ng	1405570	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	89
2	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	53
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	47
4	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	47
5	Phenethyl isocyanate	147	C9H9NO	001943-82-4	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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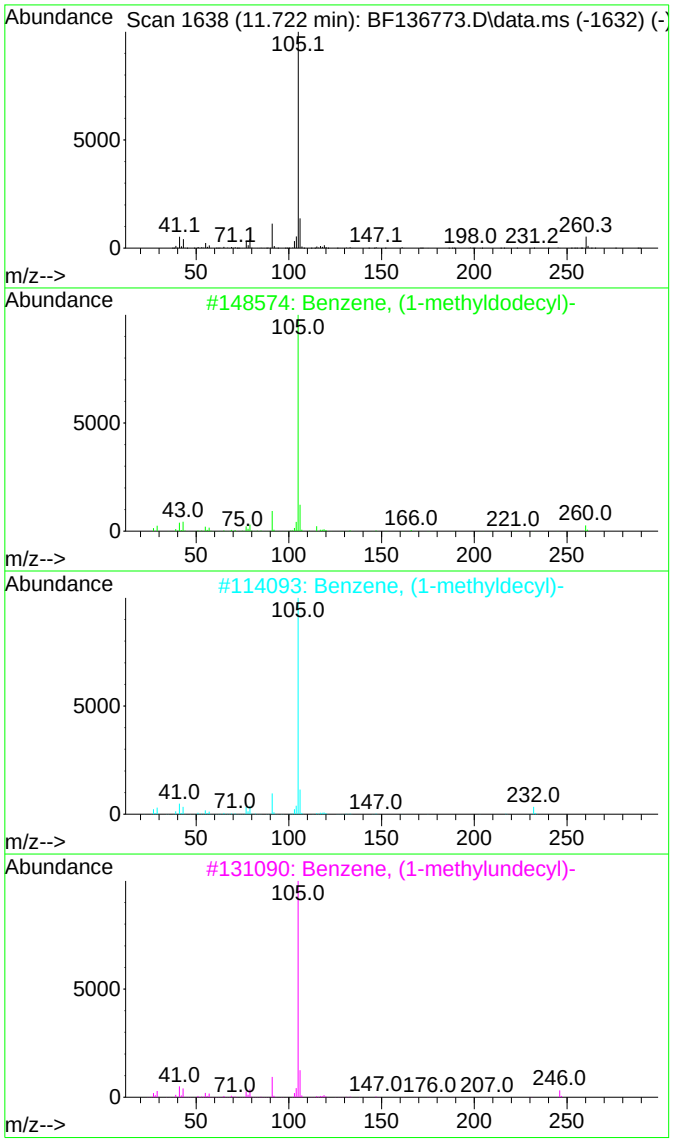
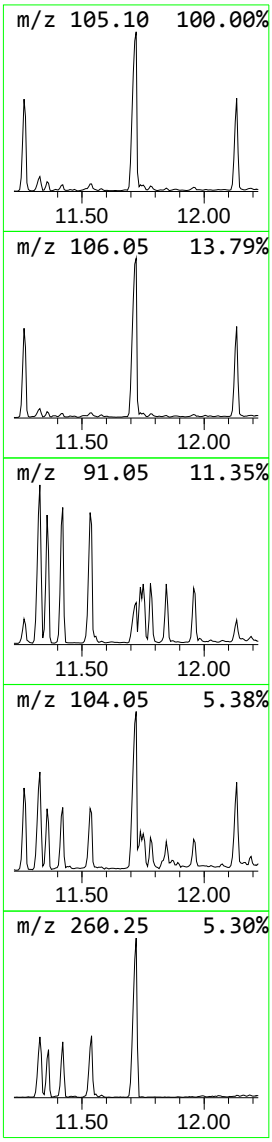
Peak Number 16 Benzene, (1-methyldodecyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	28.21 ng	6977990	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	90
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
5	Succinic acid, 2,4,6-trichloroph...	400	C18H15Cl3O4	1000389-75-5	53





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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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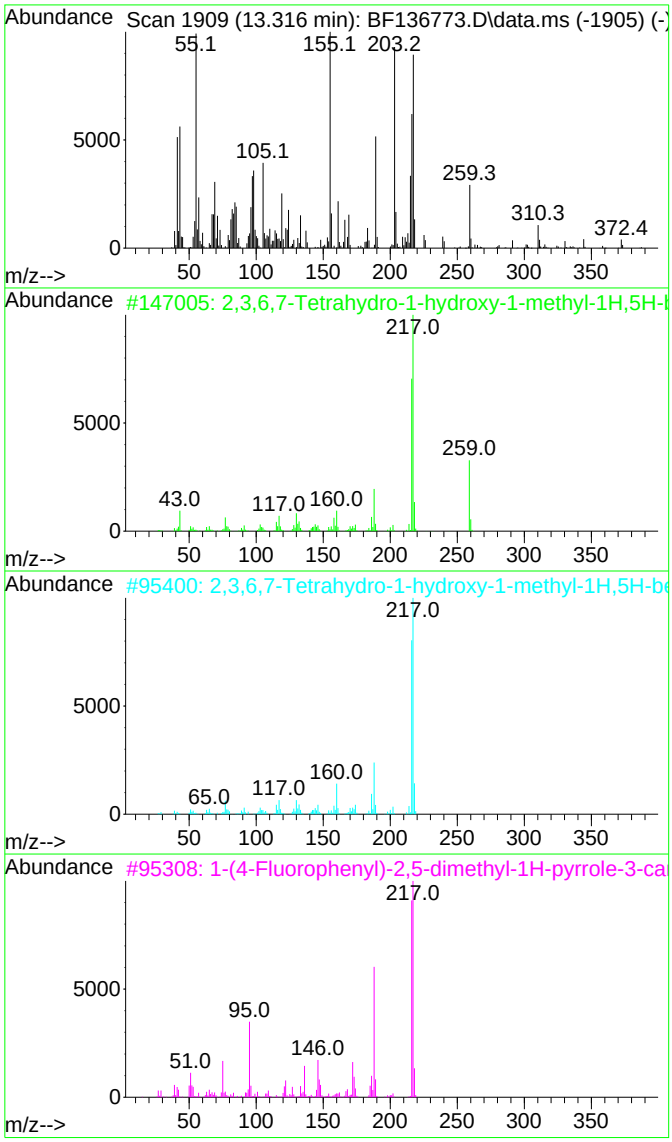
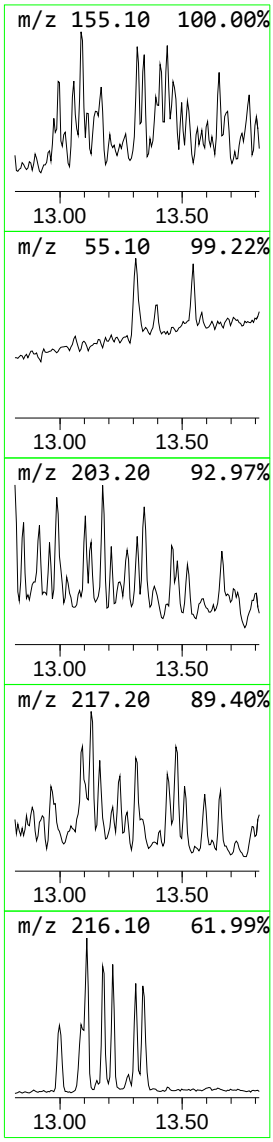
Peak Number 17 unknown13.316 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	21.99 ng	1818410	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,6,7-Tetrahydro-1-hydroxy-1-m...	259	C15H17NO3	1000507-19-5	22
2	2,3,6,7-Tetrahydro-1-hydroxy-1-m...	217	C13H15NO2	105847-59-4	14
3	1-(4-Fluorophenyl)-2,5-dimethyl-...	217	C13H12FNO	119673-50-6	14
4	Benzoic acid, 4-(2,5-dihydro-2,5...	217	C11H7NO4	017057-04-4	11
5	Eupatoriochromene	218	C13H14O3	019013-03-7	11





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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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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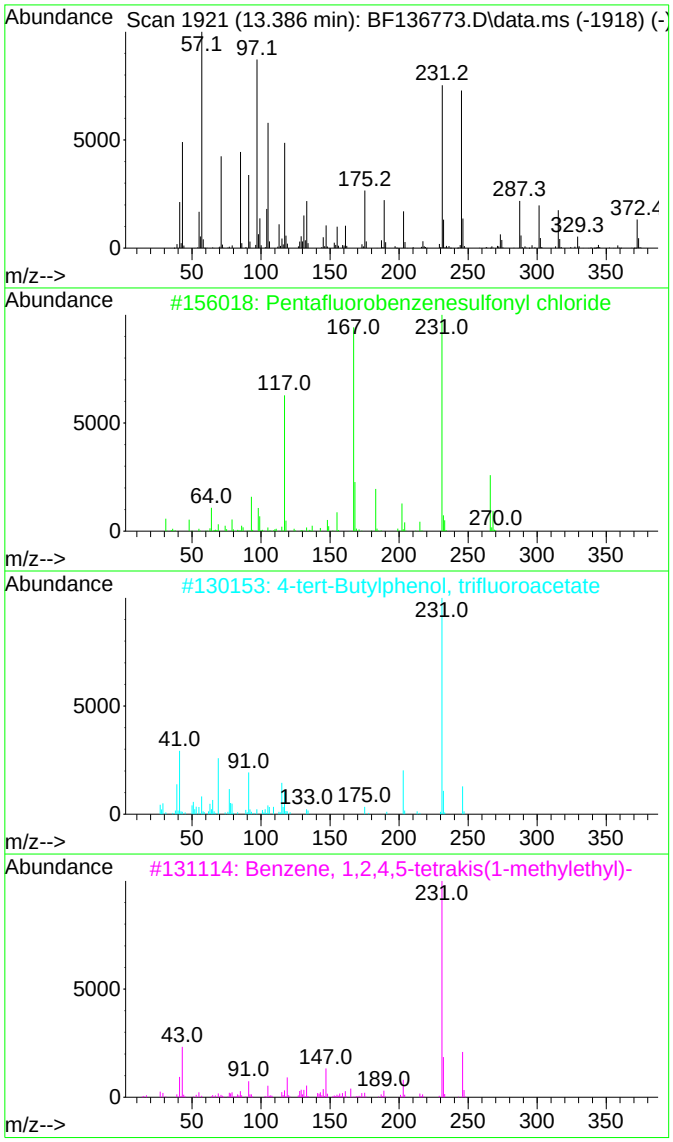
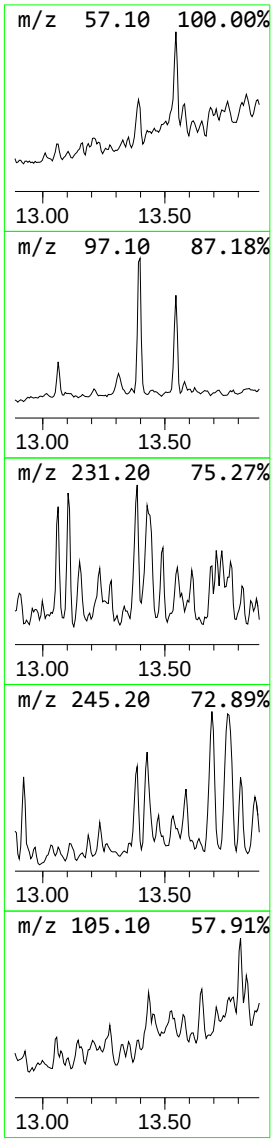
Peak Number 18 unknown13.386 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	20.00 ng	1654140	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluorobenzenesulfonyl chloride	266	C6ClF5O2S	000832-53-1	12
2	4-tert-Butylphenol, trifluoroace...	246	C12H13F3O2	036613-54-4	11
3	Benzene, 1,2,4,5-tetrakis(1-meth...	246	C18H30	000635-11-0	11
4	Quinoline, 4-styryl-	231	C17H13N	004594-84-7	10
5	1-[[2-Pyridyl]ethanone]-2-[1,3-d...	231	C12H17N5	097483-60-8	10





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Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

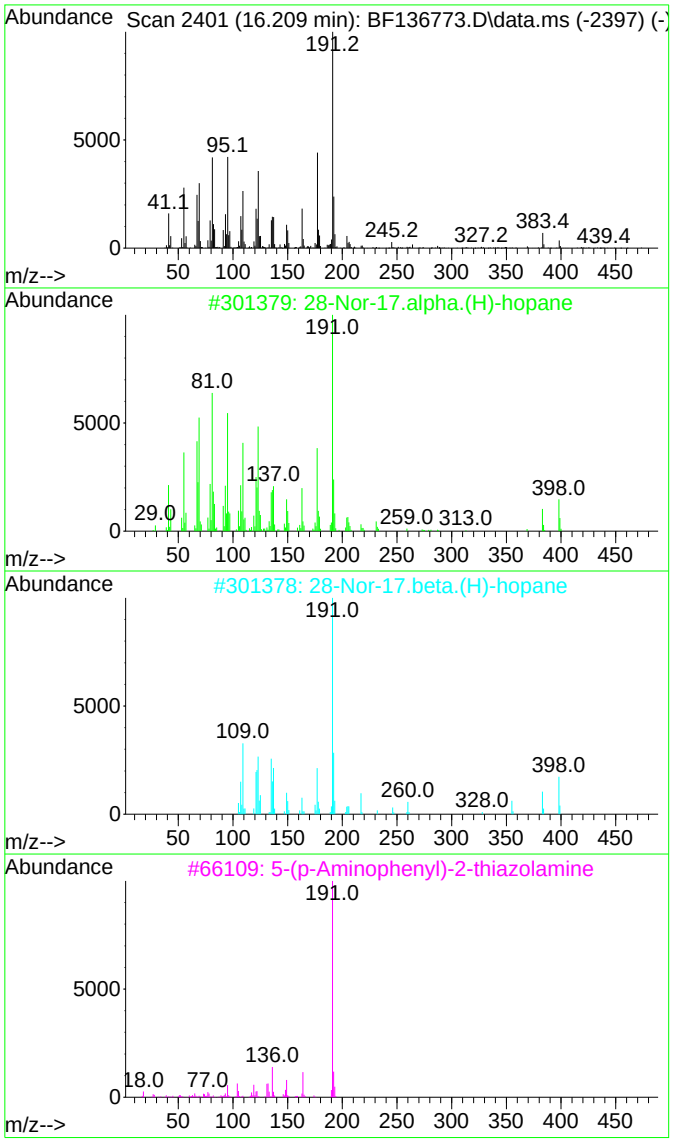
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

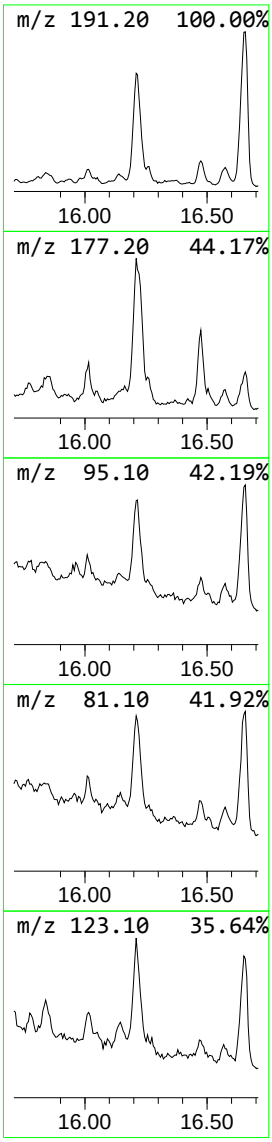
****

Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.209	26.93 ng	2474970	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	78
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	37
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

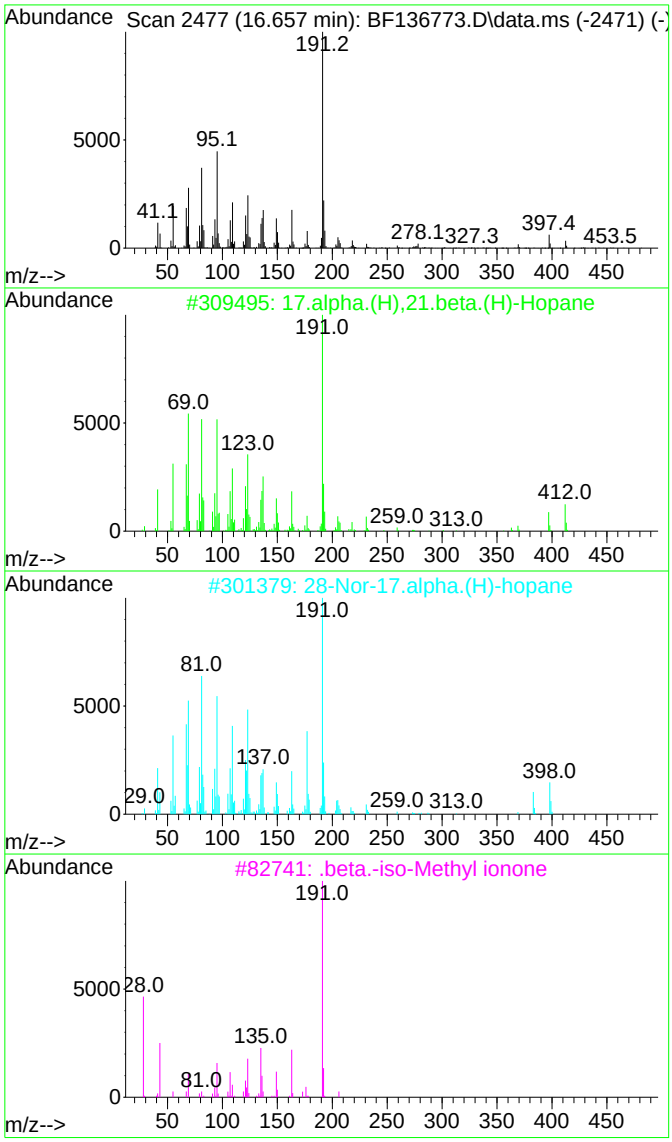
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

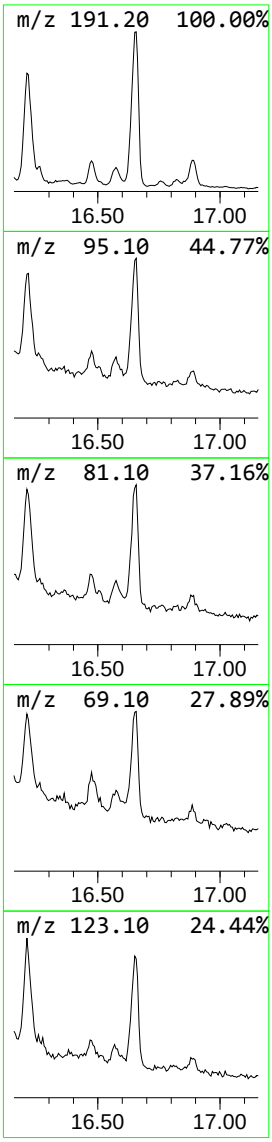
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	21.39 ng	1966310	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	91
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	83
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136773.D
Acq On : 27 Dec 2023 23:02
Operator : CG\JU
Sample : 05862-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Benzene, 1,3-di...	5.645	45.0	ng	2710580	1	6.787	1205470	20.0
Benzene, 1-ethy...	6.316	37.4	ng	2256430	1	6.787	1205470	20.0
Benzene, 1-ethy...	6.345	21.4	ng	1287320	1	6.787	1205470	20.0
Mesitylene	6.616	45.9	ng	2767740	1	6.787	1205470	20.0
Indane	6.987	186.7	ng	11249800	1	6.787	1205470	20.0
Indene	7.057	76.0	ng	4578260	1	6.787	1205470	20.0
Naphthalene, 1-...	9.339	40.5	ng	1897580	3	9.822	937039	20.0
Naphthalene, 1,...	9.416	67.0	ng	3138920	3	9.822	937039	20.0
Naphthalene, 2,...	9.486	77.5	ng	3630900	3	9.822	937039	20.0
Naphthalene, 2,...	9.516	38.1	ng	1787260	3	9.822	937039	20.0
Naphthalene, 1,...	9.598	38.0	ng	1779090	3	9.822	937039	20.0
Naphthalene, 2,...	10.133	23.9	ng	1119860	3	9.822	937039	20.0
Benzene, (1-but...	10.439	30.0	ng	1405570	3	9.822	937039	20.0
Benzene, (1-met...	11.722	28.2	ng	6977990	4	11.316	4947780	20.0
unknown13.316	13.316	22.0	ng	1818410	5	14.004	1654140	20.0
unknown13.386	13.386	20.0	ng	1654140	5	14.004	1654140	20.0
28-Nor-17.alpha...	16.209	26.9	ng	2474970	6	15.509	1838120	20.0
17.alpha.(H),21...	16.657	21.4	ng	1966310	6	15.509	1838120	20.0