LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	248	261	265	rBV	843553	1810631	7.01%	0.365%
2	3.757	273	284	290	rVV2	986794	2018679	7.82%	0.407%
3	3.828	290	296	301	rVV	525400	963679	3.73%	0.194%
4	3.946	309	316	324	rVV3	1528026	3466596	13.42%	0.699%
5	4.081	333	339	345	rVB	1782479	3127957	12.11%	0.630%
6	4.228	358	364	368	rVB2	1419533	2033409	7.87%	0.410%
7	4.369	381	388	391	rBV2	557194	957317	3.71%	0.193%
8	4.546	412	418	424	rVB3	2441108	4027493	15.59%	0.812%
9	4.657	429	437	441	rBV3	1676766	2474455	9.58%	0.499%
10	4.846	465	469	473	rVB	1008176	1098129	4.25%	0.221%
11	4.952	484	487	493	rVB2	947540	1235854	4.79%	0.249%
12	5.040	493	502	505	rBV	2850211	3970735	15.38%	0.800%
13	5.110	510	514	518	rBV3	1035519	1645170	6.37%	0.332%
14	5.310	543	548	551	rBV2	1655595	2646709	10.25%	0.533%
15	5.352	551	555	558	rVB3	799095	1129963	4.38%	0.228%
16	5.393	558	562	565	rBV	3860506	5994654	23.21%	1.208%
17	5.522	575	584	590	rBV3	10019418	25825693	100.00%	5.204%
18	5.675	605	610	615	rVB4	1158336	1945794	7.53%	0.392%
19	5.769	620	626	629	rBV	6967031	9809436	37.98%	1.977%
20	5.816	629	634	637	rVB	5363631	6331626	24.52%	1.276%
21	5.863	639	642	645	rBV2	737512	893060	3.46%	0.180%
22	5.969	655	660	663	rBV2	1872832	3100032	12.00%	0.625%
23	6.051	667	674	675	rBV	2508758	3681087	14.25%	0.742%
24	6.075	675	678	680	rVV	2464597	2806994	10.87%	0.566%
25	6.099	680	682	686	rVB2	1809890	1925932	7.46%	0.388%
26	6.151	686	691	696	rBV3	2871542	5180941	20.06%	1.044%
27	6.199	696	699	705	rVB	1018645	1352721	5.24%	0.273%
28	6.375	718	729	732	rBV2	4417236	12750523	49.37%	2.569%
29	6.428	732	738	739	rVV2	6057918	10290367	39.85%	2.074%
30	6.457	739	743	745	rVV2	8615762	15746351	60.97%	3.173%
31	6.487	745	748	750	rVV	6945871	9456425	36.62%	1.906%
32	6.510	750	752	753	rVV	6722102	6055579	23.45%	1.220%
33	6.534	753	756	760	rVB	8086628	10514966	40.72%	2.119%
34	6.610	760	769	772	rBV	6819742	9734619	37.69%	1.962%
35	6.751	785	793	795	rBV	9444752	19867276	76.93%	4.004%
36	6.851	803	810	811	rBV4	2488508	3447878	13.35%	0.695%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.869	811	813	815	rVV	2604357	2620003	10.14%	0.528%
38	6.893	815	817	819	rVV	1416146	1372038	5.31%	0.276%
39	6.922	819	822	824	rVV2	2186823	2432341	9.42%	0.490%
40	6.981	824	832	836	rVV2	6752796	13778194	53.35%	2.777%
41	7.028	836	840	843	rVV2	1517173	2682020	10.39%	0.540%
42	7.098	847	852	854	rVB	5362896	6303964	24.41%	1.270%
43	7.193	854	868	871	rBV3	7237152	19212299	74.39%	3.872%
44	7.251	871	878	882	rVB3	9507871	19680695	76.21%	3.966%
45	7.310	882	888	891	rVB2	4899547	7504971	29.06%	1.512%
46	7.387	895	901	903	rBV	4832943	8182949	31.69%	1.649%
47	7.410	903	905	907	rVB	4886084	4464637	17.29%	0.900%
48	7.463	907	914	916	rBV2	7674916	13862326	53.68%	2.794%
49	7.493	916	919	924	rVB2	7169698	9633410	37.30%	1.941%
50	7.557	924	930	933	rBV3	3832108	5523900	21.39%	1.113%
51	7.598	933	937	938	rBV	3476374	3938936	15.25%	0.794%
52	7.687	944	952	954	rBV2	5878118	10812724	41.87%	2.179%
53	7.716	954	957	959	rVV	7056312	8067907	31.24%	1.626%
54	7.798	966	971	973	rBV2	3395739	5068825	19.63%	1.021%
55	7.822	973	975	977	rVV	2702430	2695436	10.44%	0.543%
56	7.851	977	980	982	rVV2	5356802	7329250	28.38%	1.477%
57	7.875	982	984	988	rVV3	6180956	6988870	27.06%	1.408%
58	7.922	988	992	993	rVV	6121905	7492926	29.01%	1.510%
59	7.945	993	996	998	rVV4	8341167	11195849	43.35%	2.256%
60	7.963	998	999	1001	rVV2	5765620	3698619	14.32%	0.745%
61	8.010	1001	1007	1009	rVV3	4427708	6357275	24.62%	1.281%
62	8.063	1009	1016	1019	rVB2	4552528	7096202	27.48%	1.430%
63	8.145	1022	1030	1031	rBV3	1807711	2809551	10.88%	0.566%
64	8.163	1031	1033	1035	rVV	3757940	4142613	16.04%	0.835%
65	8.193	1035	1038	1039	rVV2	4770802	5618109	21.75%	1.132%
66	8.216	1039	1042	1044	rVV2	6604640	9963571	38.58%	2.008%
67	8.275	1048	1052	1054	rVB	3301706	2822679	10.93%	0.569%
68	8.351	1058	1065	1069	rBV3	1767576	3158420	12.23%	0.636%
69	8.434	1072	1079	1080	rBV4	1437963	1409643	5.46%	0.284%
70	8.463	1080	1084	1089	rVB4	2927030	4254204	16.47%	0.857%
71	8.569	1098	1102	1104	rVV	3017008	2663775	10.31%	0.537%
72	8.651	1113	1116	1118	rVB	1712653	1448732	5.61%	0.292%
73	8.687	1119	1122	1124	rBV2	1833742	1753947	6.79%	0.353%
74	8.769	1133	1136	1139	rBV3	1714117	1628277	6.30%	0.328%
75	8.910	1153	1160	1162	rBV	5962203	7278595	28.18%	1.467%
76	9.004	1169	1176	1178	rVV	4567879	5036749	19.50%	1.015%

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Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.251	1214	1218	1223	rVB	2294295	2249249	8.71%	0.453%
78	9.451	1246	1252	1258	rBV	927138	1201031	4.65%	0.242%
79	9.516	1259	1263	1269	rVB	1544117	2197717	8.51%	0.443%
80	9.592	1269	1276	1279	rBV	1980831	2415700	9.35%	0.487%
81	9.622	1279	1281	1283	rVV	1508284	1112216	4.31%	0.224%
82	9.710	1292	1296	1301	rBV	1057524	1230777	4.77%	0.248%
83	10.357	1399	1406	1409	rBV2	1849871	1731333	6.70%	0.349%
84	10.728	1466	1469	1472	rVB	1353036	1162191	4.50%	0.234%
85	10.834	1483	1487	1492	rBV	1645155	2190731	8.48%	0.441%
86	11.281	1559	1563	1565	rBV	1332703	1088632	4.22%	0.219%
87	11.457	1590	1593	1596	rVV	2191186	1930883	7.48%	0.389%
88	11.710	1632	1636	1640	rVV	994042	894891	3.47%	0.180%
89	12.657	1791	1797	1800	rBV	3660629	4008853	15.52%	0.808%
90	12.886	1828	1836	1840	rBV2	3177523	4287301	16.60%	0.864%
91	13.016	1855	1858	1861	rVB	1680282	1403849	5.44%	0.283%
92	13.204	1887	1890	1893	rVB	1125061	998742	3.87%	0.201%
93	13.269	1898	1901	1904	rVV	1096814	995598	3.86%	0.201%
94	14.074	2031	2038	2041	rBV2	2352572	3410959	13.21%	0.687%
95	14.110	2041	2044	2049	rVB	2219475	2071386	8.02%	0.417%
96	15.145	2213	2220	2222	rBV	1549072	2660790	10.30%	0.536%
97	15.451	2267	2272	2278	rVB	991641	1438665	5.57%	0.290%
98	15.521	2278	2284	2289	rBV	1581415	2154568	8.34%	0.434%
99	17.098	2545	2552	2558	rVB2	601084	1173873	4.55%	0.237%
100	17.562	2622	2631	2640	rBV	387344	913000	3.54%	0.184%

Sum of corrected areas: 496227096

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
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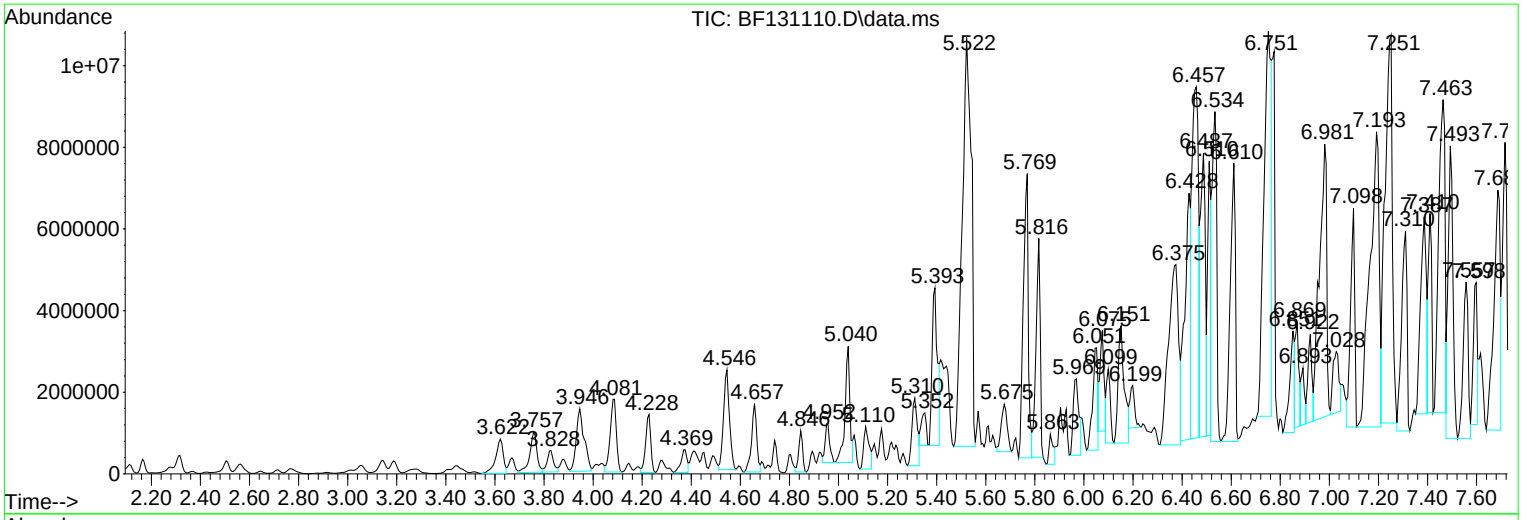
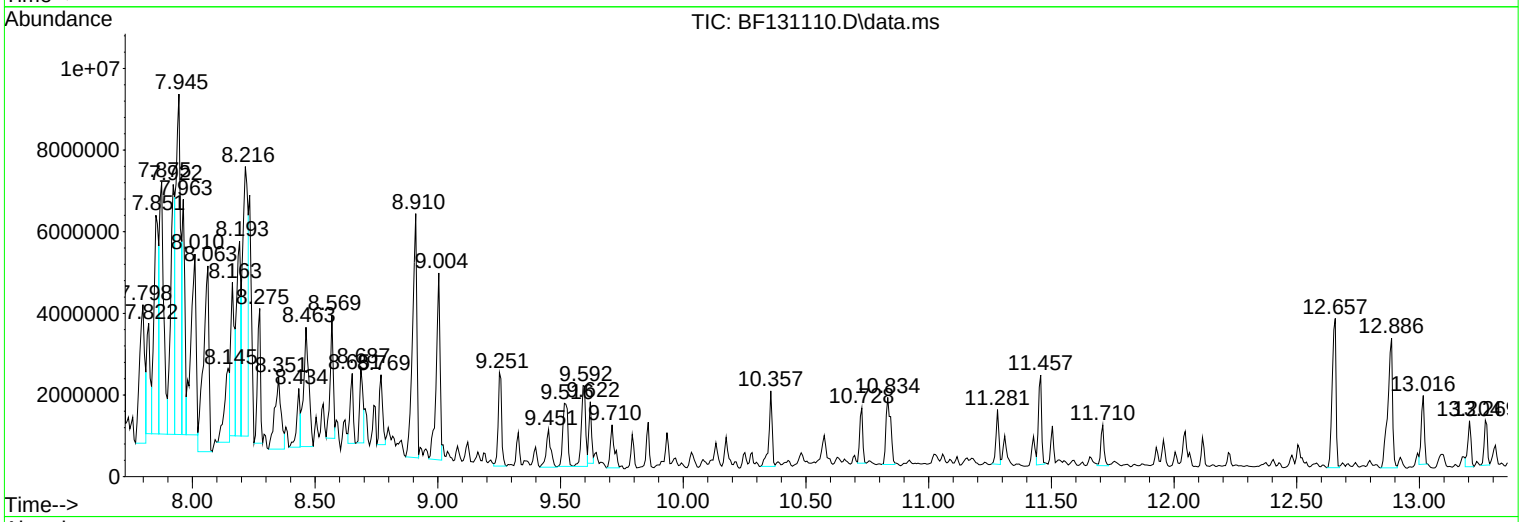
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

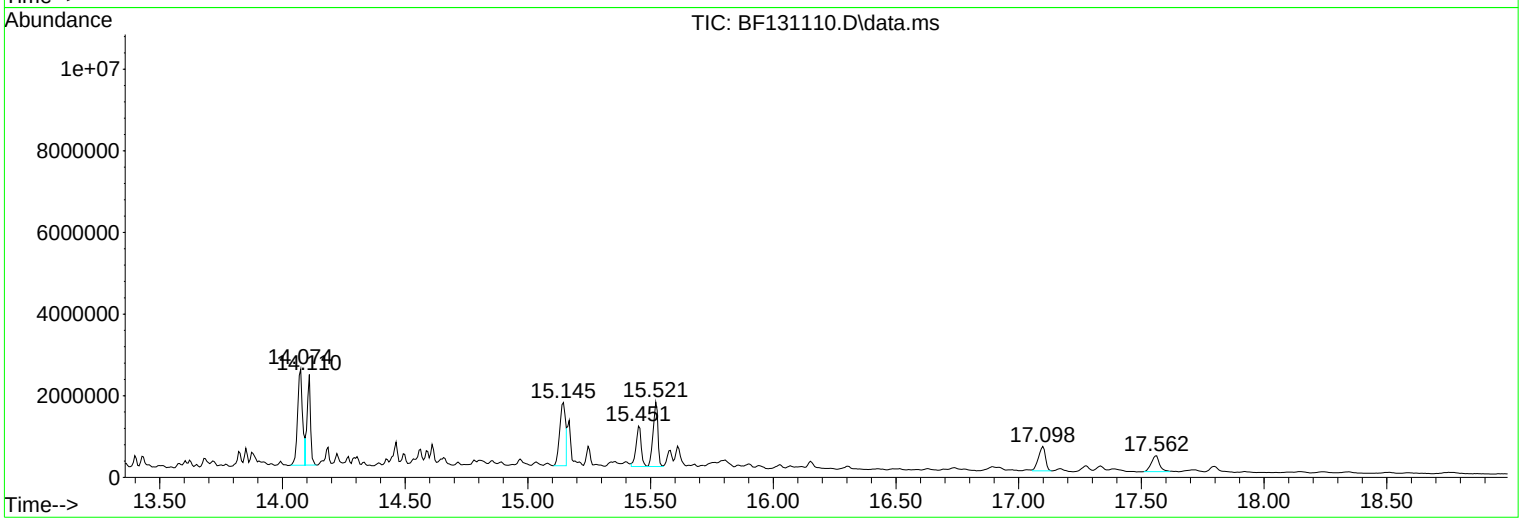
Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

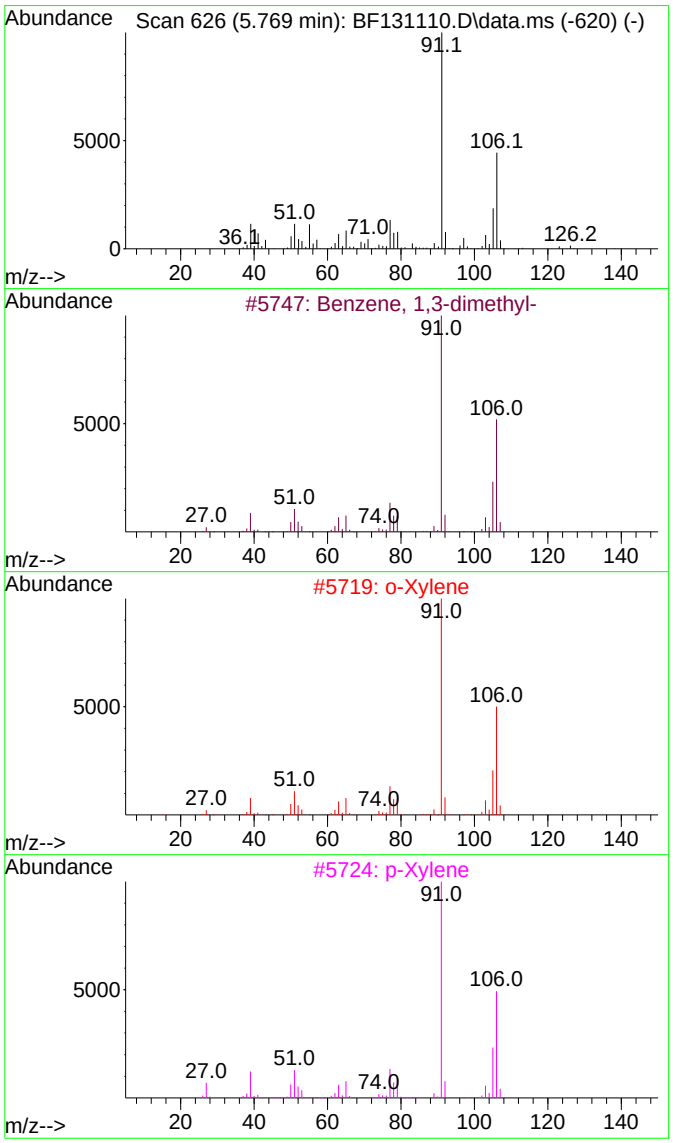
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

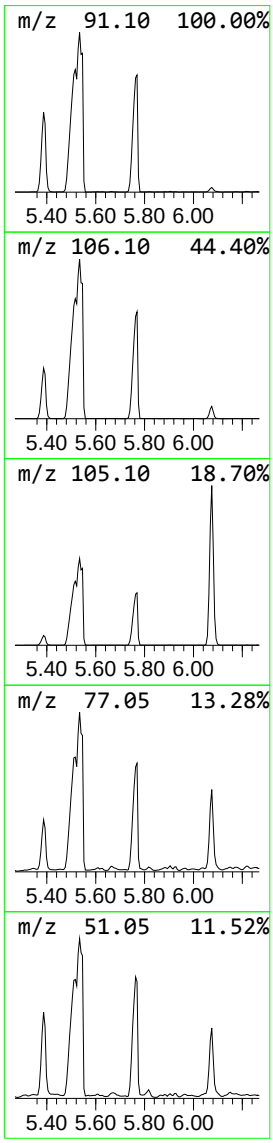
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.769	80.66 ng	9809440	1,4-Dichlorobenzene-d4	6.916

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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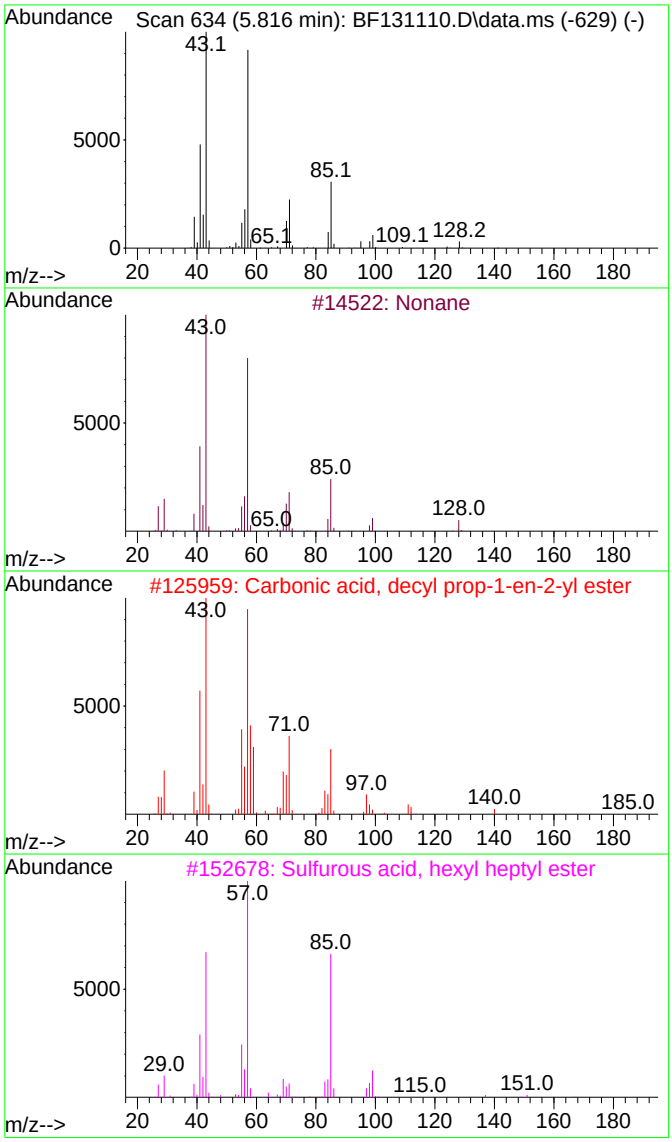
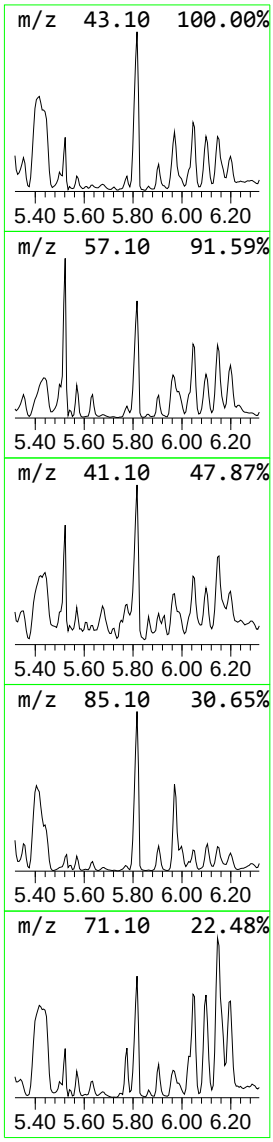
Peak Number 3 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.816	52.06 ng	6331630	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	72
3	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	64
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
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Sample : N5511-05
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

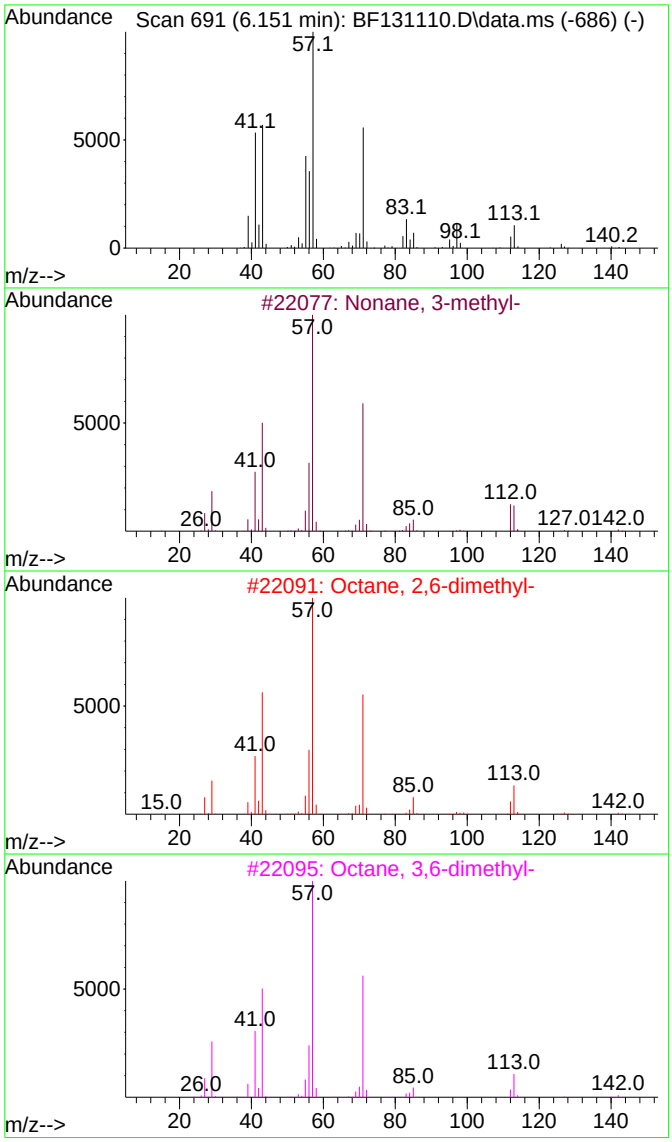
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

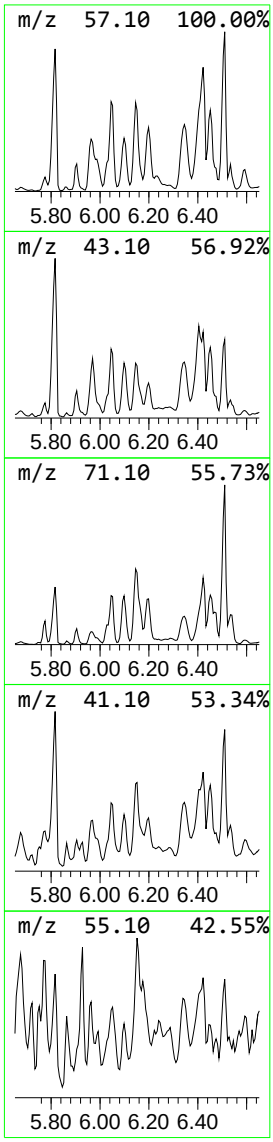
****

Peak Number 4 Nonane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.151	42.60 ng	5180940	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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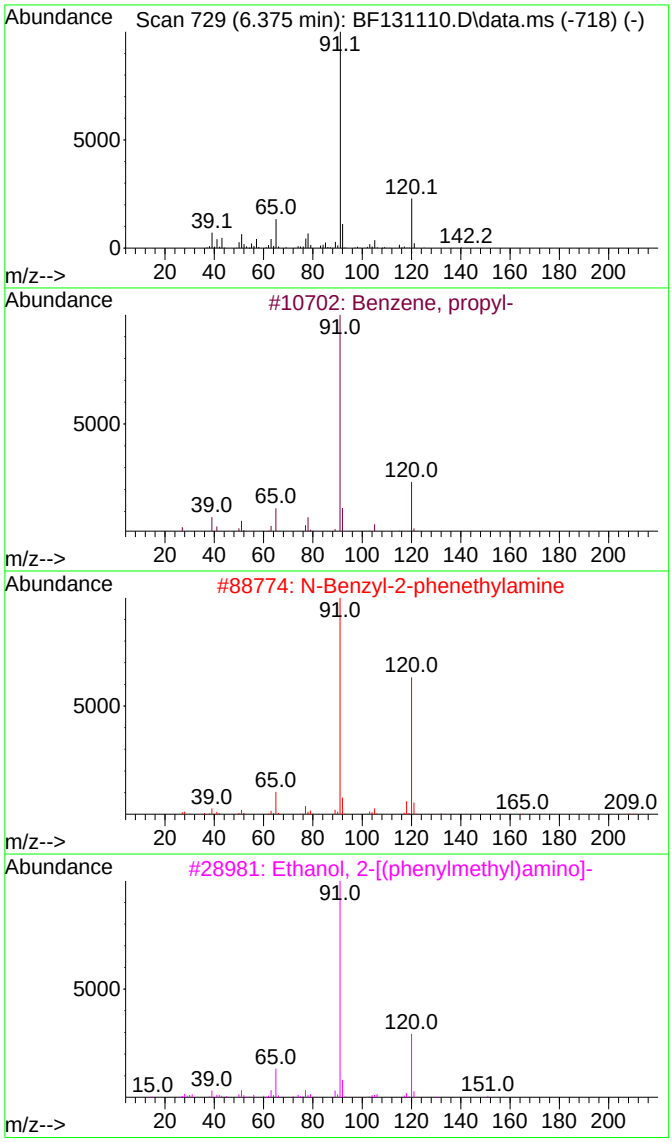
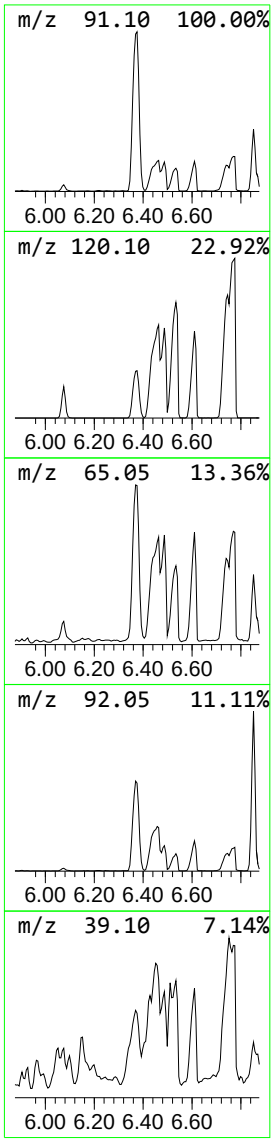
Peak Number 5 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	104.84 ng	12750500	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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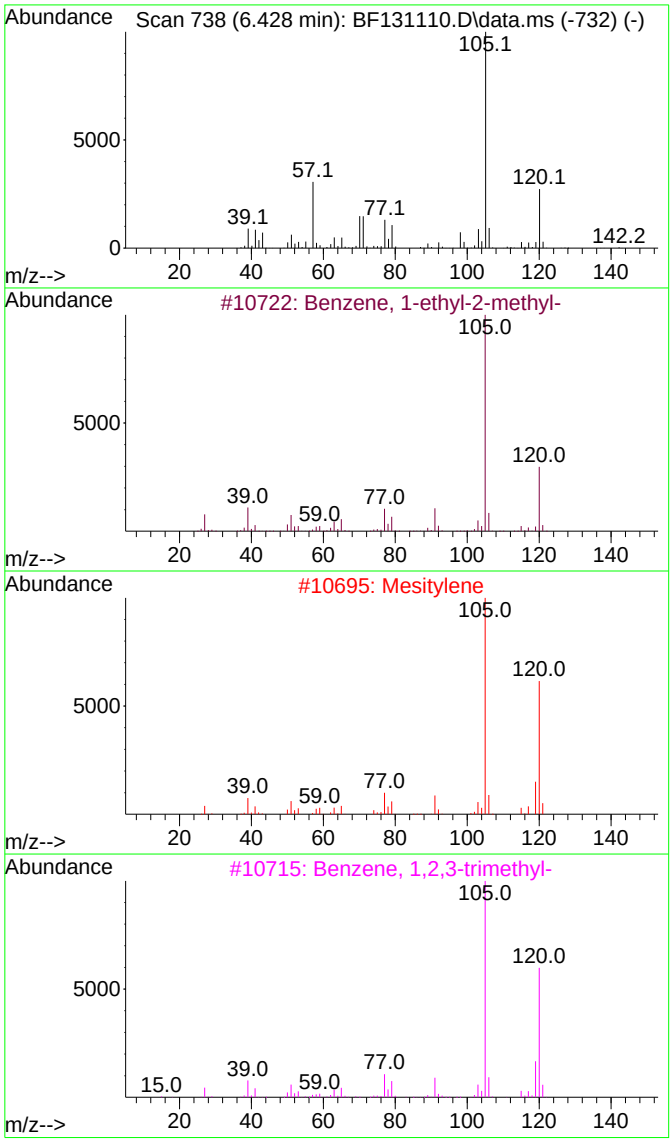
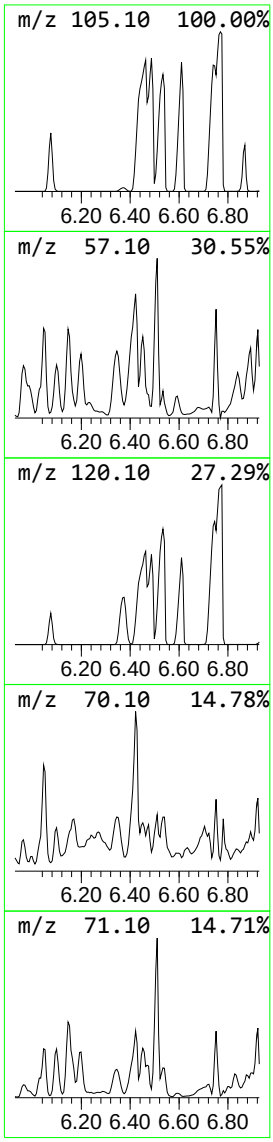
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	84.61 ng	10290400	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Mesitylene	120	C9H12	000108-67-8	76
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	76
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76





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Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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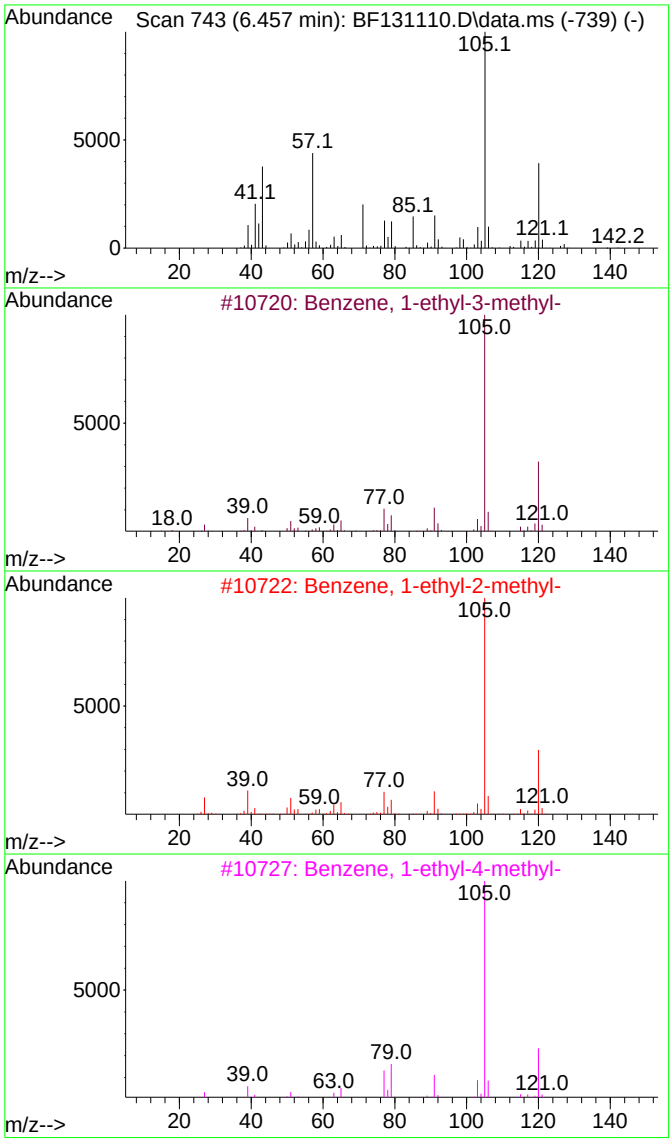
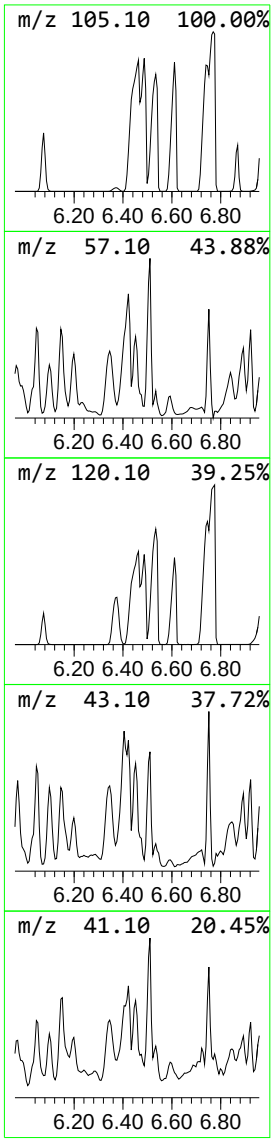
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.457	129.47 ng	15746400	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
4	Mesitylene	120	C9H12	000108-67-8	64
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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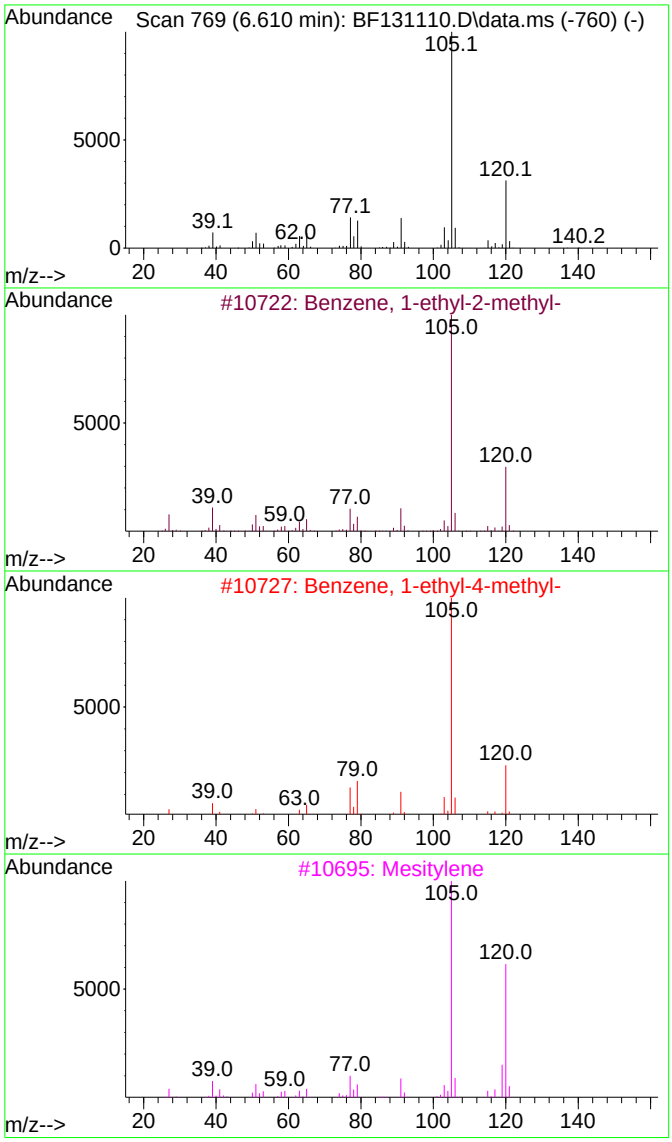
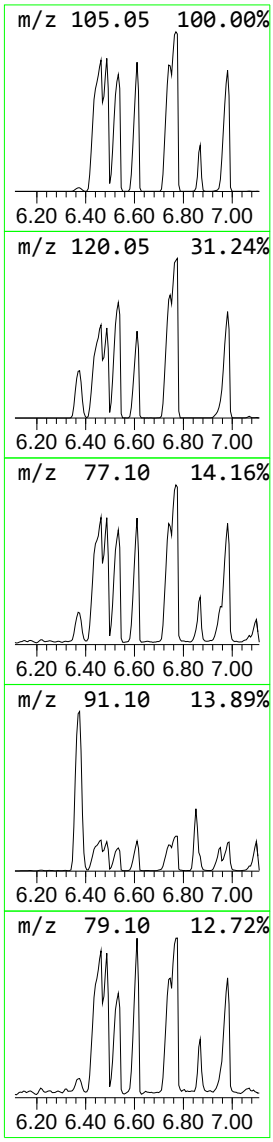
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	80.04 ng	9734620	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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

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

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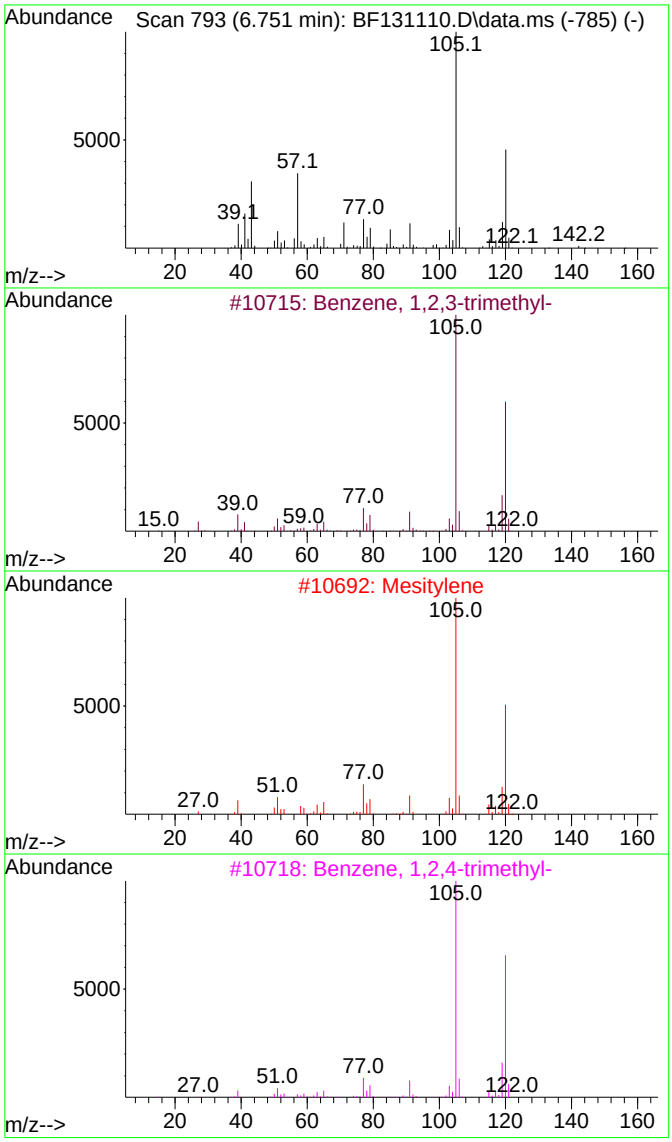
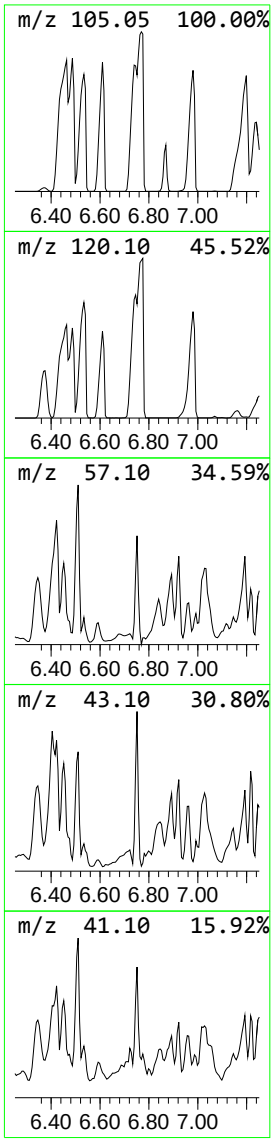
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	163.36 ng	19867300	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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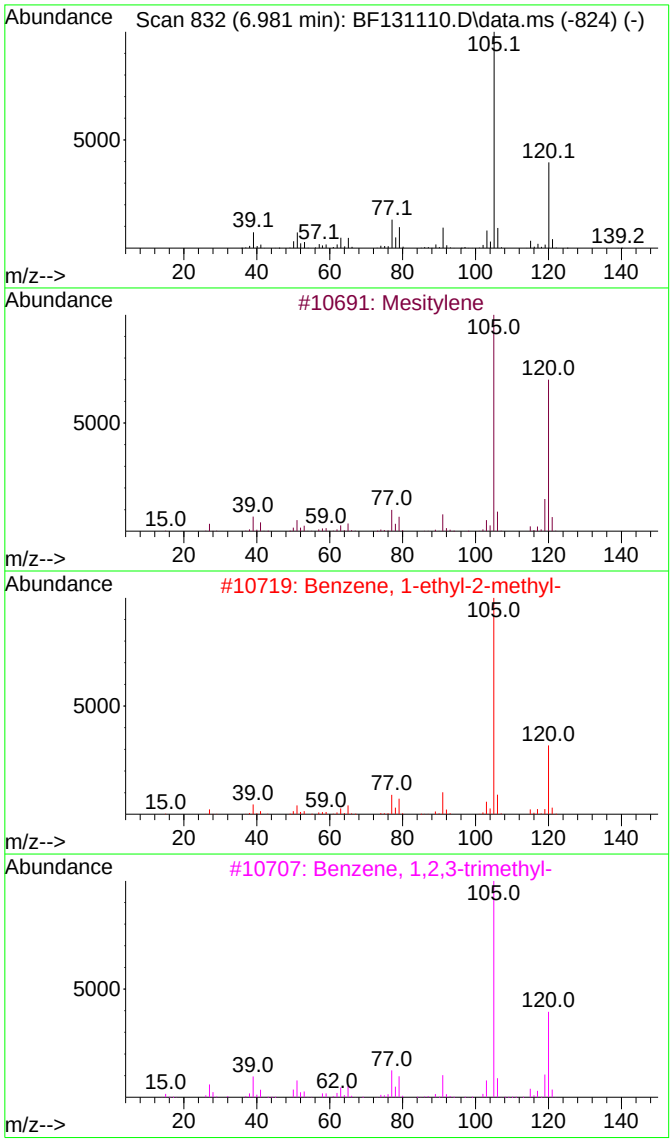
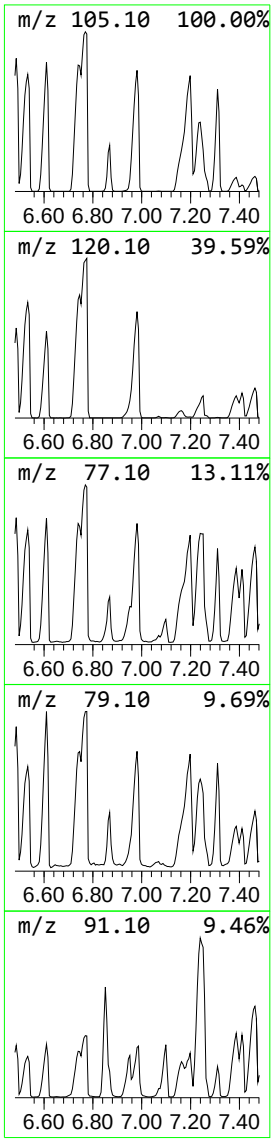
Peak Number 10 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	113.29 ng	13778200	1,4-Dichlorobenzene-d4	6.916

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





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
PL-05-110722

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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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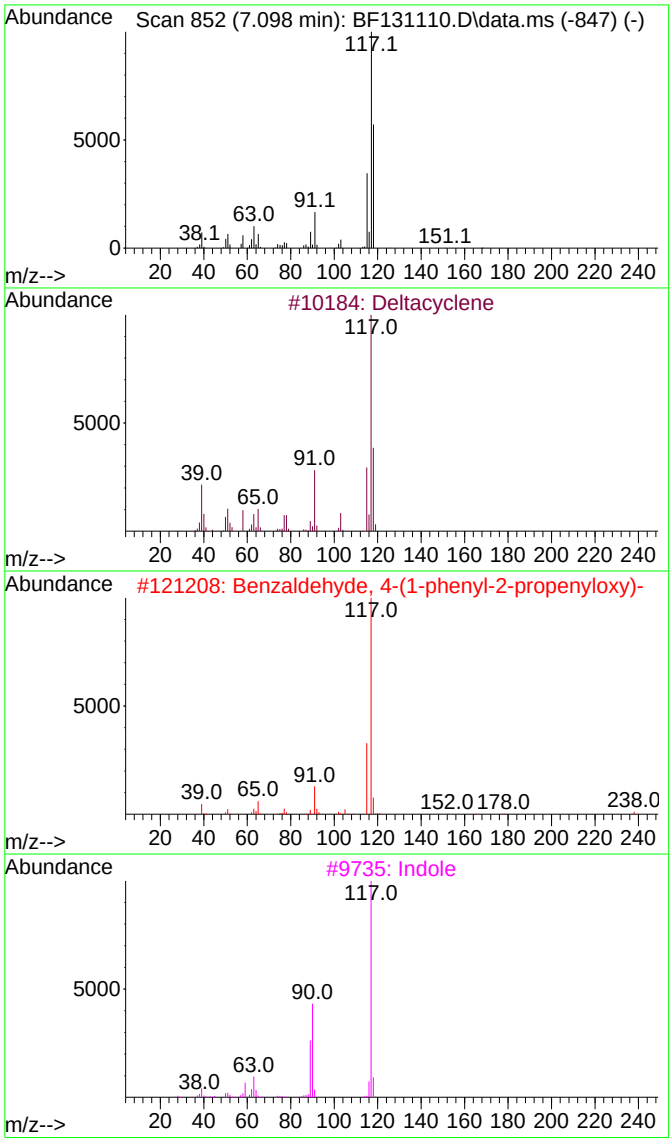
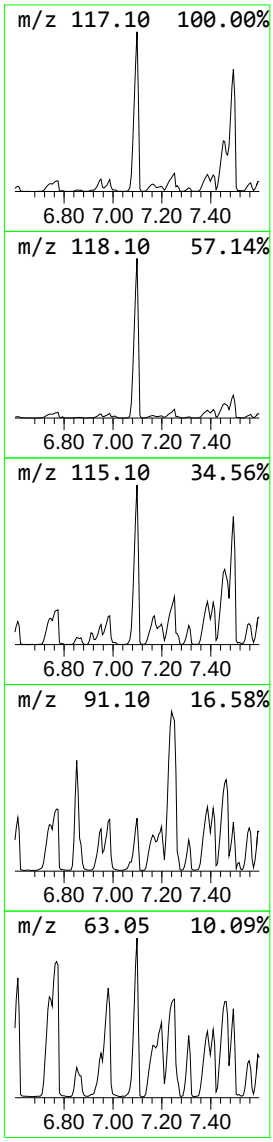
Peak Number 11 Deltacyclene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	51.83 ng	6303960	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	50
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
3	Indole	117	C8H7N	000120-72-9	49
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	45





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

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

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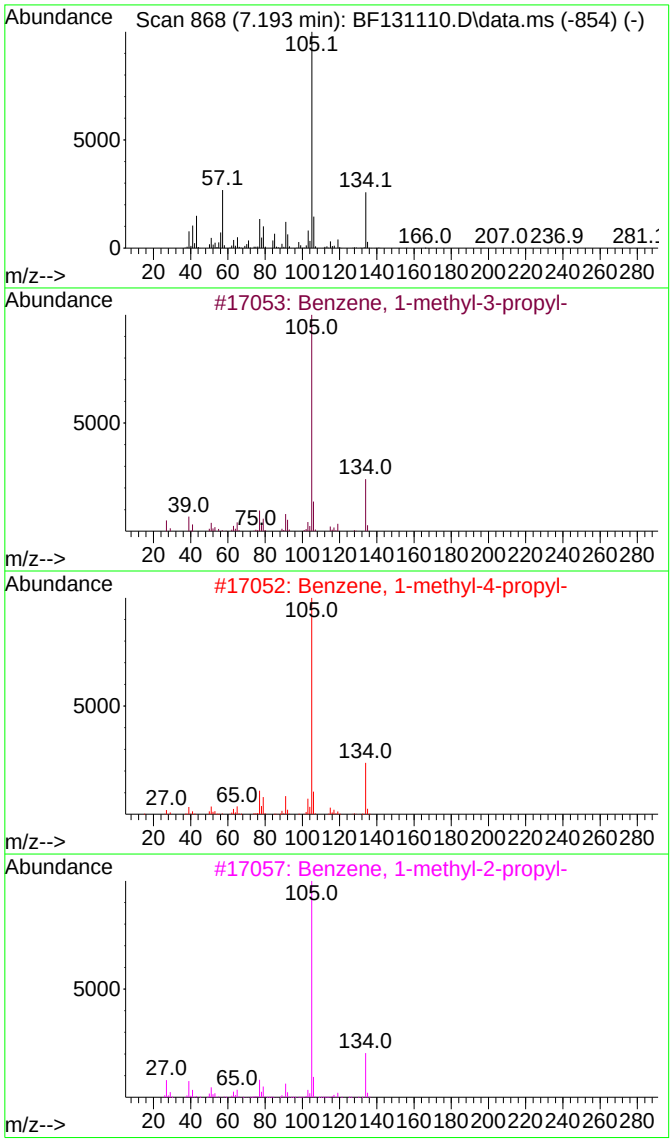
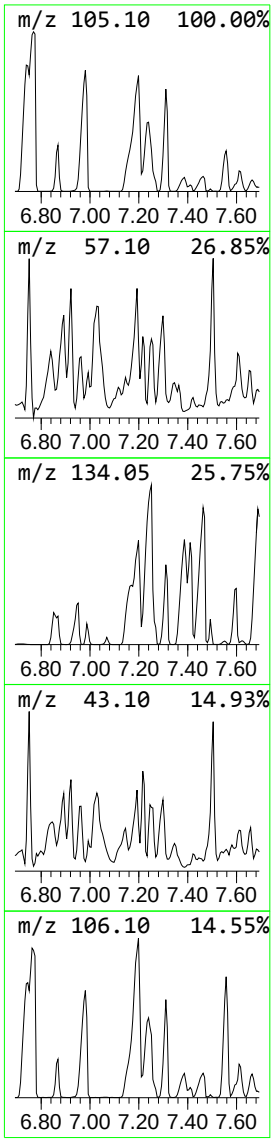
Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.193	157.97 ng	19212300	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62





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Operator : CG\JU
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Misc :
ALS Vial : 19 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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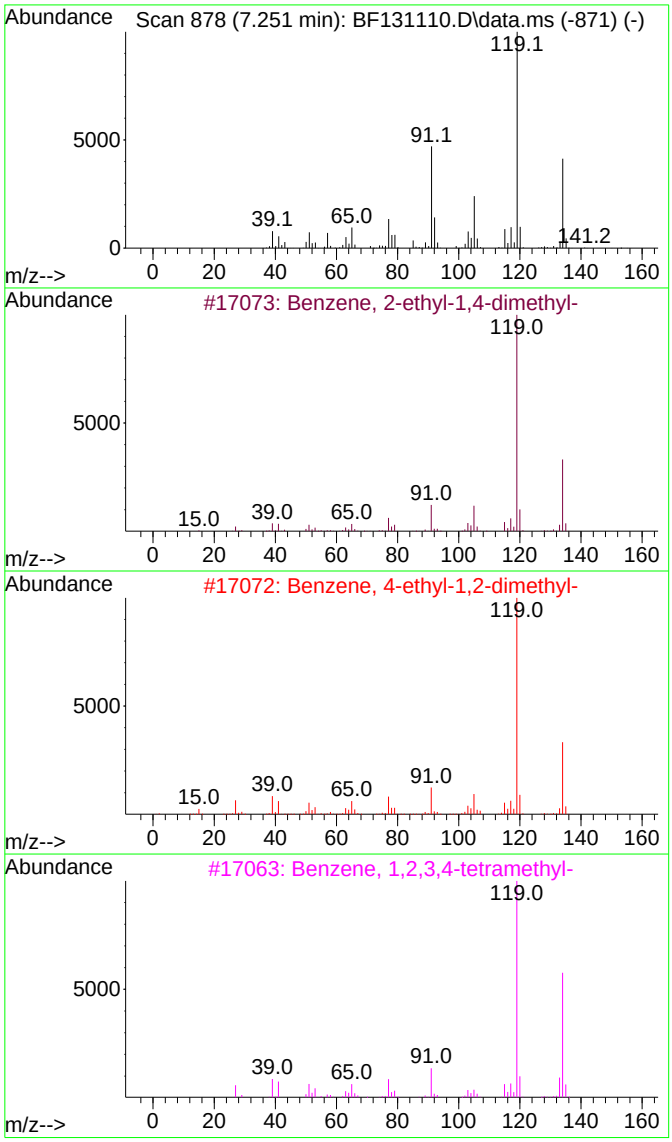
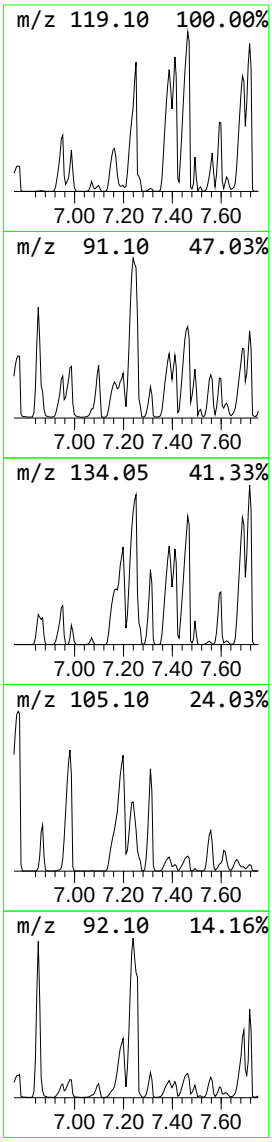
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.251	161.82 ng	19680700	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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ALS Vial : 19 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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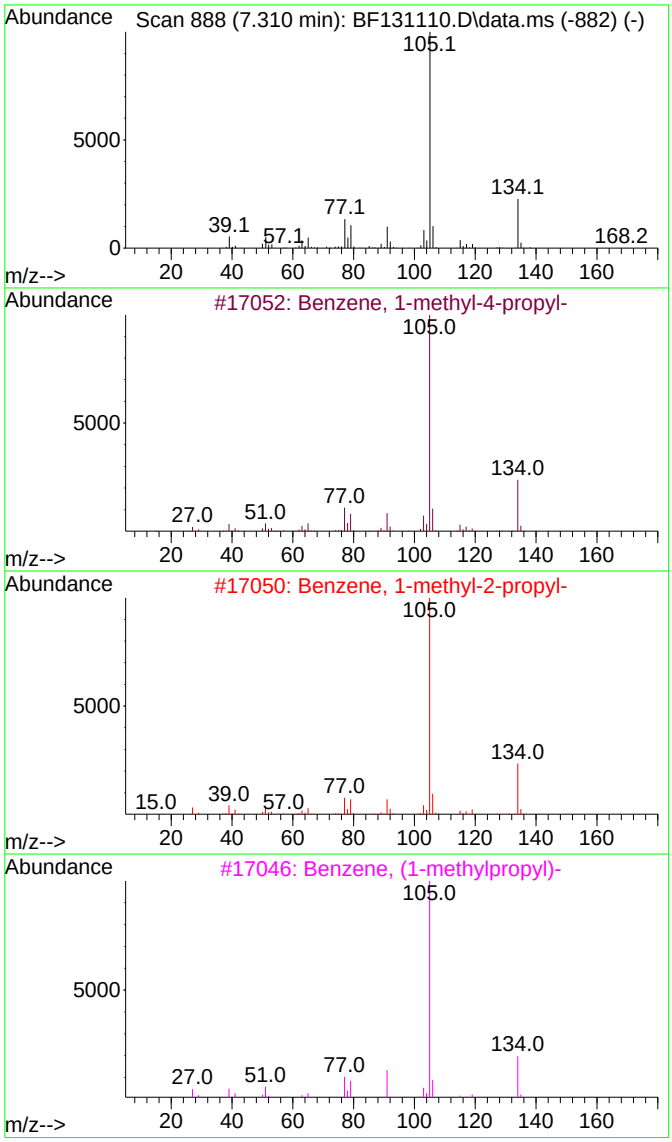
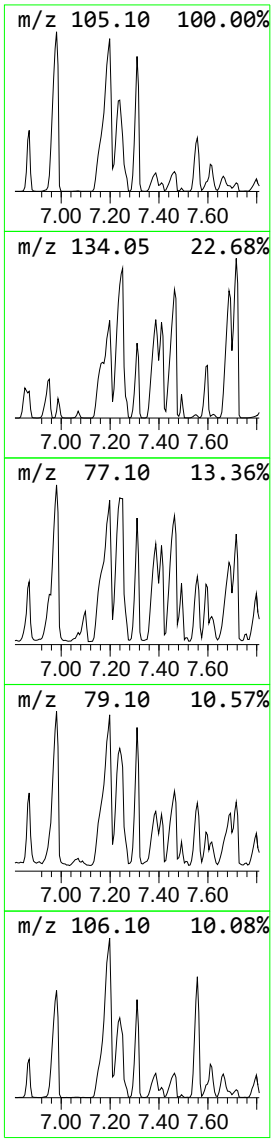
Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.310	61.71 ng	7504970	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
5	2-Tolyloxirane	134	C9H10O	002783-26-8	83





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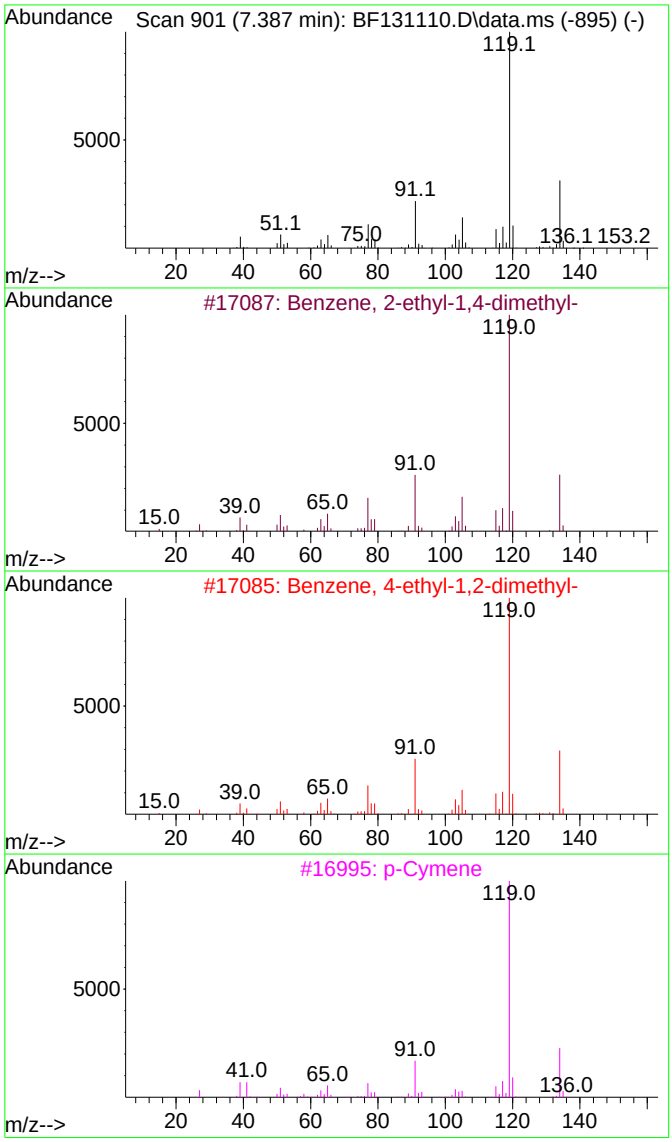
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

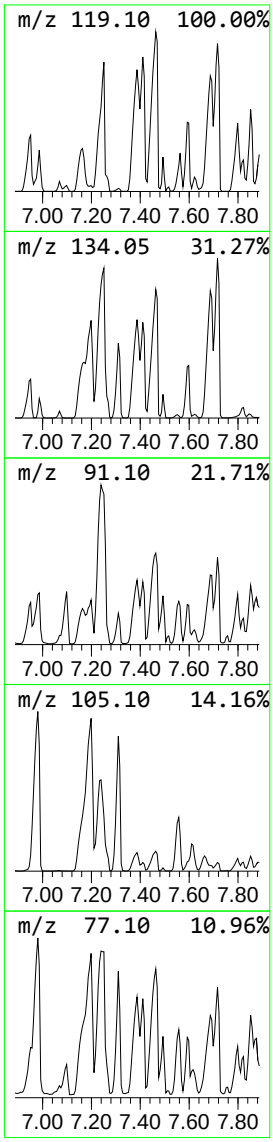
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.387	67.28 ng	8182950	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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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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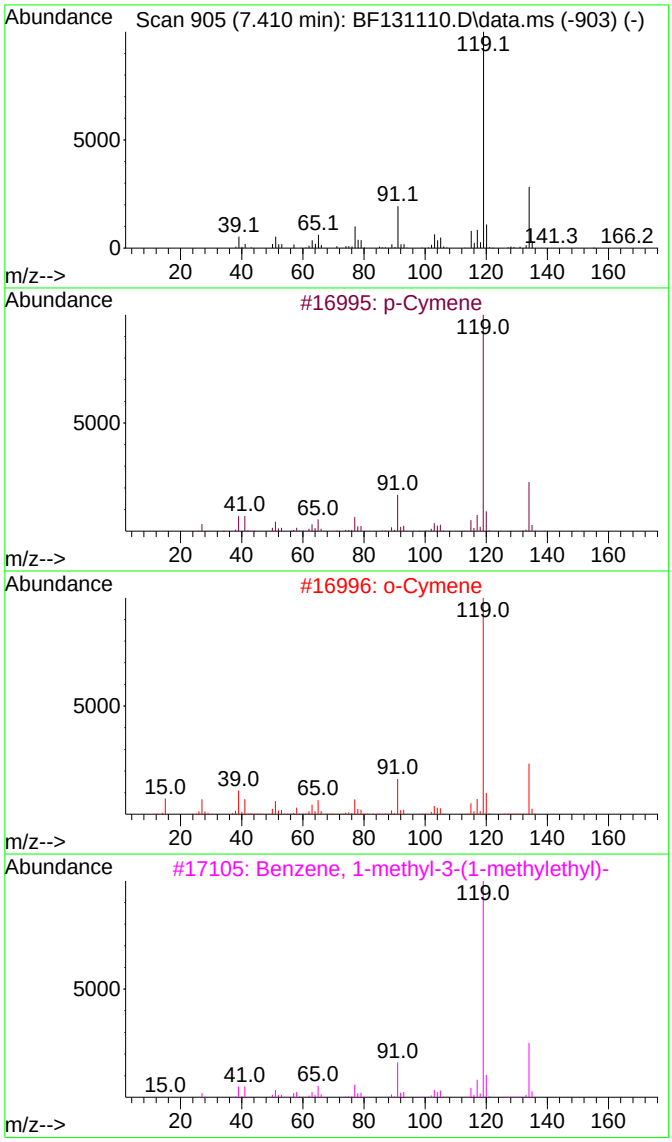
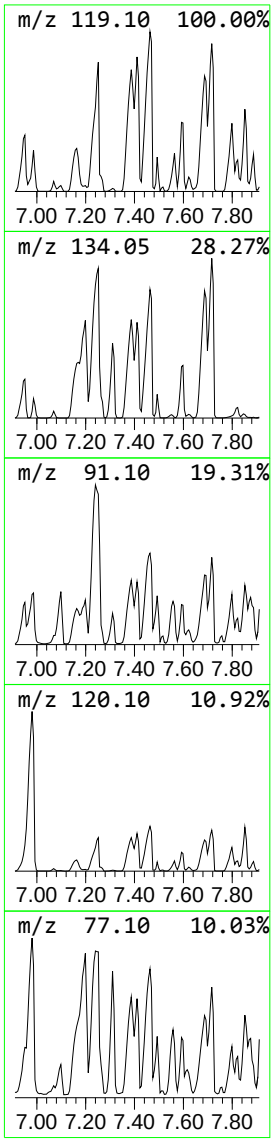
Peak Number 16 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.410	36.71 ng	4464640	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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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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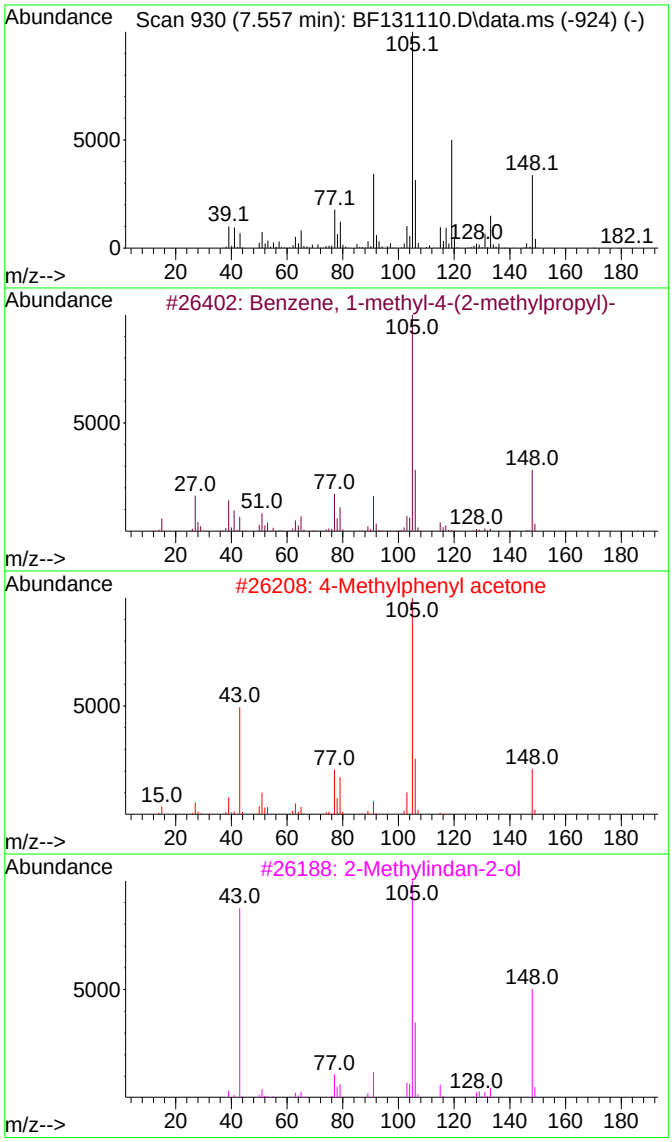
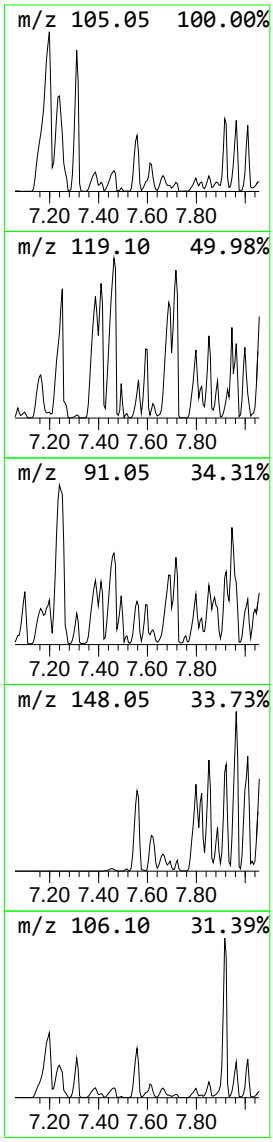
Peak Number 17 Benzene, 1-methyl-4-(2-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.557	45.42 ng	5523900	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	55
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
4	Benzoic acid, 2-methyl-, (2-meth...	240	C16H16O2	055133-99-8	43
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	41





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Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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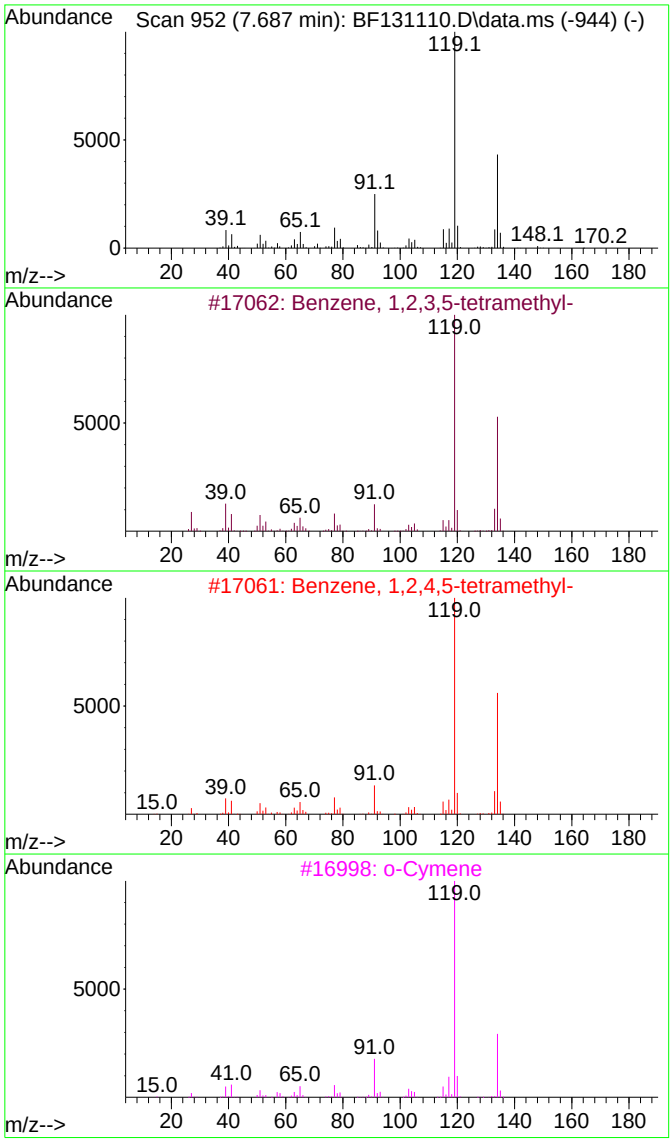
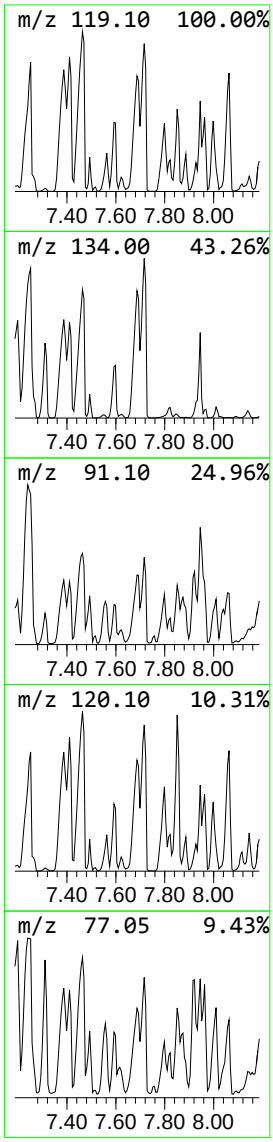
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.687	38.49 ng	10812700	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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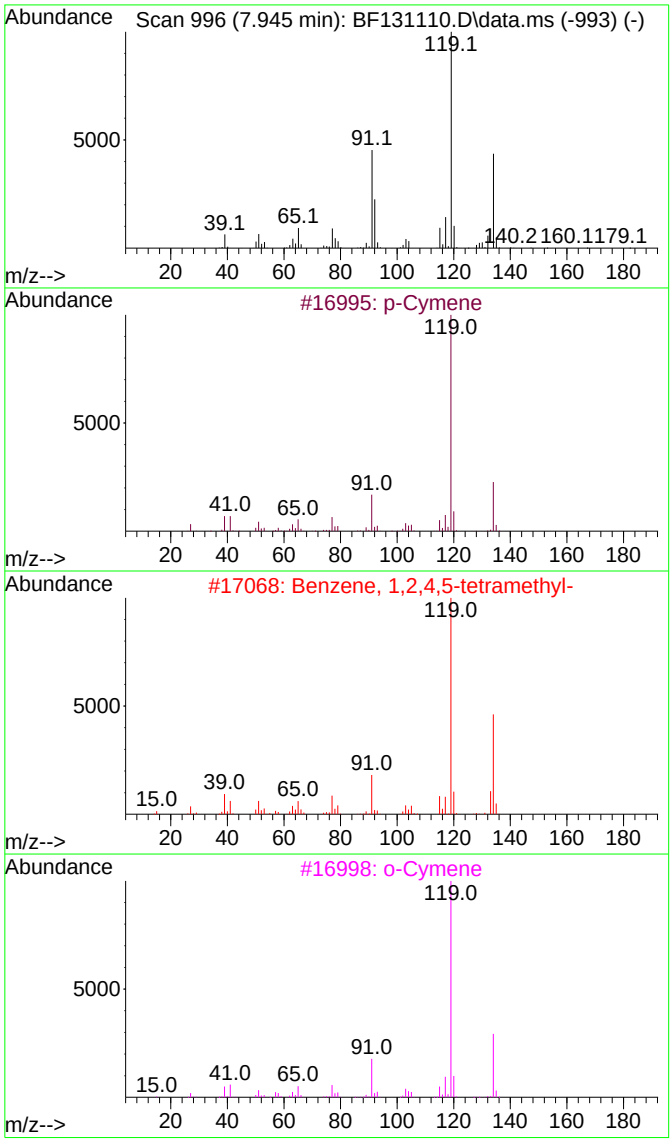
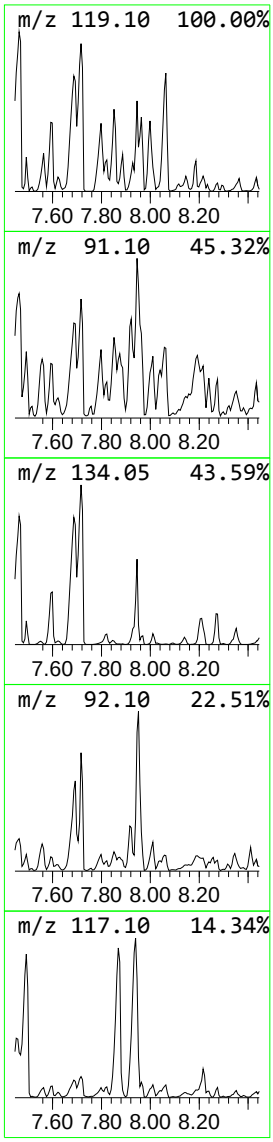
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.945	39.86 ng	11195800	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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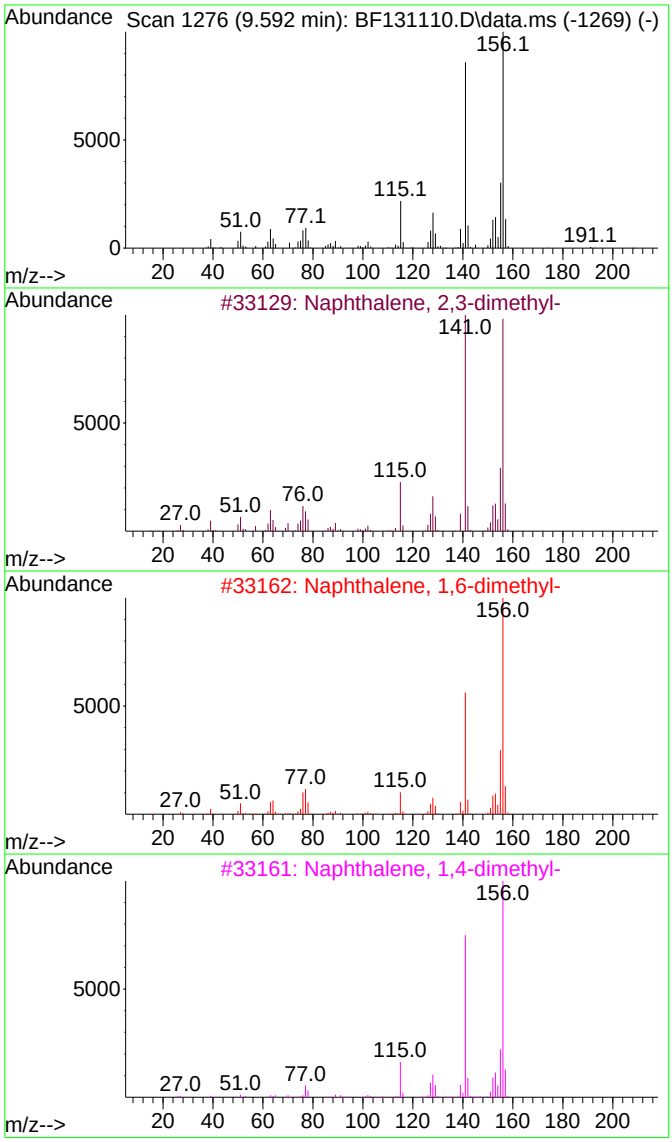
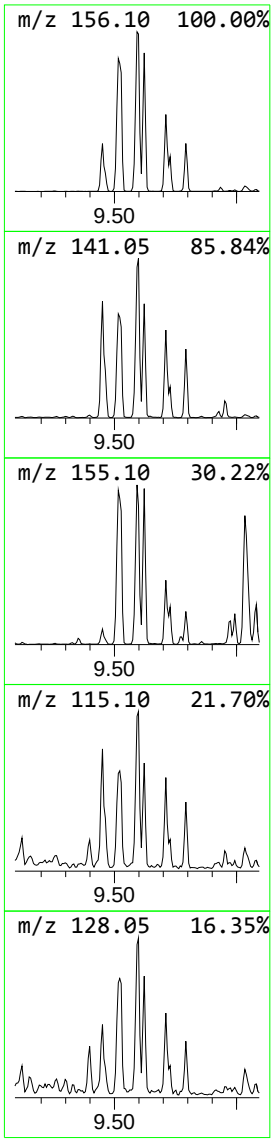
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	39.25 ng	2415700	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131110.D
Acq On : 10 Nov 2022 03:03
Operator : CG\JU
Sample : N5511-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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...	5.769	80.7	ng	9809440	1	6.916	2432340	20.0
Nonane	5.816	52.1	ng	6331630	1	6.916	2432340	20.0
Nonane, 3-methyl-	6.151	42.6	ng	5180940	1	6.916	2432340	20.0
Benzene, propyl-	6.375	104.8	ng	12750500	1	6.916	2432340	20.0
Benzene, 1-ethy...	6.428	84.6	ng	10290400	1	6.916	2432340	20.0
Benzene, 1-ethy...	6.457	129.5	ng	15746400	1	6.916	2432340	20.0
Benzene, 1-ethy...	6.610	80.0	ng	9734620	1	6.916	2432340	20.0
Benzene, 1,2,3-...	6.751	163.4	ng	19867300	1	6.916	2432340	20.0
Mesitylene	6.981	113.3	ng	13778200	1	6.916	2432340	20.0
Deltacyclene	7.098	51.8	ng	6303960	1	6.916	2432340	20.0
Benzene, 1-meth...	7.193	158.0	ng	19212300	1	6.916	2432340	20.0
Benzene, 2-ethy...	7.251	161.8	ng	19680700	1	6.916	2432340	20.0
Benzene, 1-meth...	7.310	61.7	ng	7504970	1	6.916	2432340	20.0
Benzene, 4-ethy...	7.387	67.3	ng	8182950	1	6.916	2432340	20.0
p-Cymene	7.410	36.7	ng	4464640	1	6.916	2432340	20.0
Benzene, 1-meth...	7.557	45.4	ng	5523900	1	6.916	2432340	20.0
Benzene, 1,2,3,...	7.687	38.5	ng	10812700	2	8.198	5618110	20.0
Benzene, 1,2,4,...	7.945	39.9	ng	11195800	2	8.198	5618110	20.0
Naphthalene, 2,...	9.592	39.3	ng	2415700	3	9.934	1230780	20.0