LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127769.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	472	479	482	rBV2	21866	30993	1.09%	0.084%
2	5.451	534	538	540	rBV	30040	30049	1.06%	0.081%
3	5.475	540	542	545	rVB	31226	28921	1.02%	0.078%
4	5.563	552	557	563	rVB2	392077	432642	15.24%	1.169%
5	5.804	595	598	604	rVV2	67984	87877	3.10%	0.237%
6	5.863	604	608	614	rVB2	27161	37932	1.34%	0.102%
7	6.016	631	634	638	rBV3	28028	34496	1.22%	0.093%
8	6.098	643	648	650	rBV	30016	31672	1.12%	0.086%
9	6.198	660	665	669	rBV2	42120	65997	2.33%	0.178%
10	6.387	693	697	701	rBV3	35683	62359	2.20%	0.169%
11	6.445	701	707	710	rVV	109498	132055	4.65%	0.357%
12	6.481	710	713	716	rVV	1041800	875985	30.86%	2.367%
13	6.510	716	718	721	rVV	867000	764218	26.92%	2.065%
14	6.557	721	726	732	rVV	1613177	1439949	50.73%	3.891%
15	6.640	736	740	744	rVB	1039667	873513	30.77%	2.360%
16	6.781	759	764	767	rBV	2581094	2226622	78.44%	6.017%
17	6.887	776	782	784	rBV3	27281	42087	1.48%	0.114%
18	6.957	790	794	796	rBV	1017383	861093	30.34%	2.327%
19	6.981	796	798	800	rVV	183729	128382	4.52%	0.347%
20	7.010	800	803	809	rVB	1351803	1158486	40.81%	3.130%
21	7.075	809	814	816	rBV	62706	83890	2.96%	0.227%
22	7.134	821	824	828	rVB	333341	279056	9.83%	0.754%
23	7.198	832	835	837	rBV	575978	468467	16.50%	1.266%
24	7.228	837	840	843	rVV	712122	620800	21.87%	1.678%
25	7.269	843	847	850	rVV	1618371	1403496	49.44%	3.793%
26	7.292	850	851	854	rVB	193821	97598	3.44%	0.264%
27	7.345	854	860	863	rBV	451473	402053	14.16%	1.086%
28	7.381	863	866	868	rBV2	35353	37998	1.34%	0.103%
29	7.416	868	872	874	rVV	707434	599776	21.13%	1.621%
30	7.439	874	876	879	rVB	654012	485629	17.11%	1.312%
31	7.487	879	884	886	rBV	1768353	1453870	51.22%	3.929%
32	7.516	886	889	898	rVB3	773598	968426	34.12%	2.617%
33	7.598	898	903	906	rBV3	176303	193078	6.80%	0.522%
34	7.634	906	909	912	rBV	473025	422570	14.89%	1.142%
35	7.657	912	913	916	rVB2	60204	48699	1.72%	0.132%
36	7.722	916	924	926	rBV	1011770	987336	34.78%	2.668%

LSC Area Percent Report

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Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.745	926	928	931	rVV	1408159	1134135	39.96%	3.065%
38	7.798	935	937	939	rVB	60751	41428	1.46%	0.112%
39	7.834	939	943	945	rBV	190361	208230	7.34%	0.563%
40	7.857	945	947	949	rVV	248387	196227	6.91%	0.530%
41	7.886	949	952	953	rVV	361379	322227	11.35%	0.871%
42	7.910	953	956	960	rVV	581756	582576	20.52%	1.574%
43	7.975	960	967	969	rVV	1542336	1518158	53.48%	4.102%
44	7.998	969	971	974	rVV	365041	343221	12.09%	0.927%
45	8.051	976	980	982	rVV2	268133	328498	11.57%	0.888%
46	8.075	982	984	986	rVV2	90181	75415	2.66%	0.204%
47	8.098	986	988	992	rVB	254626	234678	8.27%	0.634%
48	8.181	996	1002	1003	rBV	142232	165495	5.83%	0.447%
49	8.239	1003	1012	1017	rVV4	1474909	2838505	100.00%	7.670%
50	8.281	1017	1019	1022	rVB2	458919	374068	13.18%	1.011%
51	8.322	1022	1026	1028	rBV	284713	242034	8.53%	0.654%
52	8.386	1034	1037	1043	rBV3	83300	149922	5.28%	0.405%
53	8.434	1043	1045	1048	rVV2	52077	46193	1.63%	0.125%
54	8.492	1050	1055	1056	rBV2	115744	151103	5.32%	0.408%
55	8.510	1056	1058	1064	rVV3	260944	354861	12.50%	0.959%
56	8.557	1064	1066	1069	rVV2	73513	76321	2.69%	0.206%
57	8.616	1072	1076	1079	rVV	356080	357327	12.59%	0.966%
58	8.645	1079	1081	1083	rVV	45123	35239	1.24%	0.095%
59	8.669	1083	1085	1087	rVV2	57091	60051	2.12%	0.162%
60	8.704	1087	1091	1095	rVV	258494	311821	10.99%	0.843%
61	8.739	1095	1097	1102	rVV4	175698	233979	8.24%	0.632%
62	8.792	1102	1106	1108	rVV2	181710	182704	6.44%	0.494%
63	8.822	1108	1111	1114	rVV3	216411	234756	8.27%	0.634%
64	8.863	1115	1118	1123	rVV	106722	155537	5.48%	0.420%
65	8.928	1127	1129	1130	rVV	63242	51202	1.80%	0.138%
66	8.951	1130	1133	1136	rVV	523502	401965	14.16%	1.086%
67	8.986	1136	1139	1141	rVV2	40208	42177	1.49%	0.114%
68	9.010	1141	1143	1145	rVV	45070	42298	1.49%	0.114%
69	9.051	1145	1150	1153	rVV	478924	492413	17.35%	1.331%
70	9.081	1153	1155	1156	rVV	69669	61169	2.15%	0.165%
71	9.098	1156	1158	1162	rVV5	53910	61820	2.18%	0.167%
72	9.139	1162	1165	1168	rVV2	44154	45200	1.59%	0.122%
73	9.181	1168	1172	1175	rVB2	74444	69673	2.45%	0.188%
74	9.310	1190	1194	1197	rVB	989726	755071	26.60%	2.040%
75	9.575	1234	1239	1245	rVB3	78057	128579	4.53%	0.347%
76	9.651	1248	1252	1254	rVV	108577	112259	3.95%	0.303%

LSC Area Percent Report

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Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.675	1254	1256	1259	rVB2	55235	47005	1.66%	0.127%
78	9.769	1268	1272	1273	rBV2	39233	37206	1.31%	0.101%
79	9.786	1273	1275	1278	rVB	50472	38810	1.37%	0.105%
80	9.998	1304	1311	1314	rBV	1447813	1258377	44.33%	3.400%
81	10.192	1342	1344	1348	rVB2	31041	33066	1.16%	0.089%
82	10.610	1410	1415	1420	rVB4	27402	36960	1.30%	0.100%
83	10.780	1441	1444	1448	rBV	536719	439313	15.48%	1.187%
84	10.910	1463	1466	1473	rVB2	38358	38105	1.34%	0.103%
85	11.486	1560	1564	1567	rBV	1416907	1189180	41.89%	3.213%
86	12.704	1767	1771	1774	rBV	47208	43209	1.52%	0.117%
87	12.933	1804	1810	1813	rBV	44643	44567	1.57%	0.120%
88	13.068	1830	1833	1837	rBV	769633	681502	24.01%	1.842%
89	13.992	1984	1990	1996	rBV6	20685	40774	1.44%	0.110%
90	14.133	2010	2014	2017	rBV	970263	894610	31.52%	2.417%
91	14.227	2026	2030	2037	rBV	65000	79963	2.82%	0.216%
92	15.651	2266	2272	2282	rBV	787696	987847	34.80%	2.669%

Sum of corrected areas: 37007099

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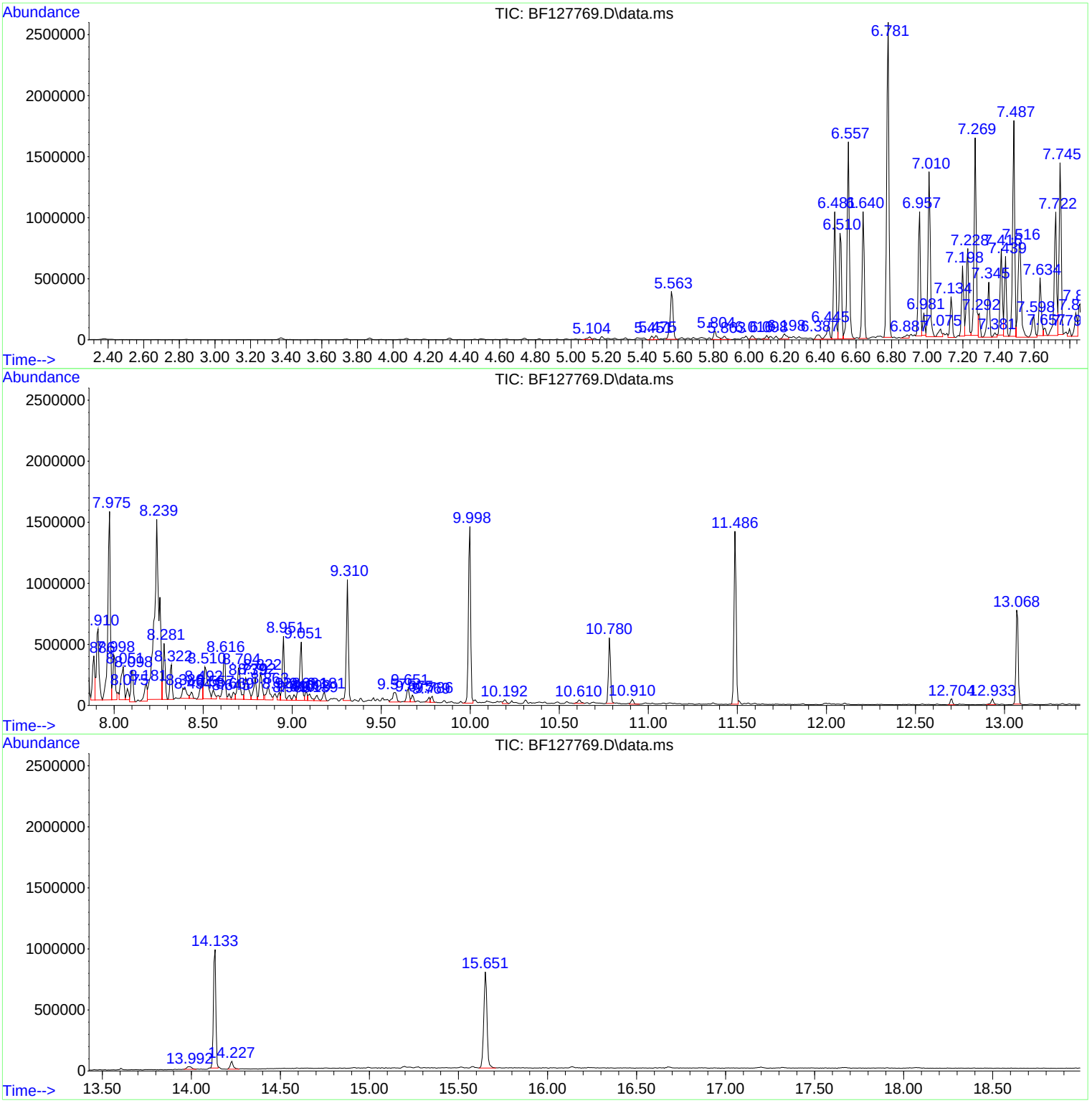
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

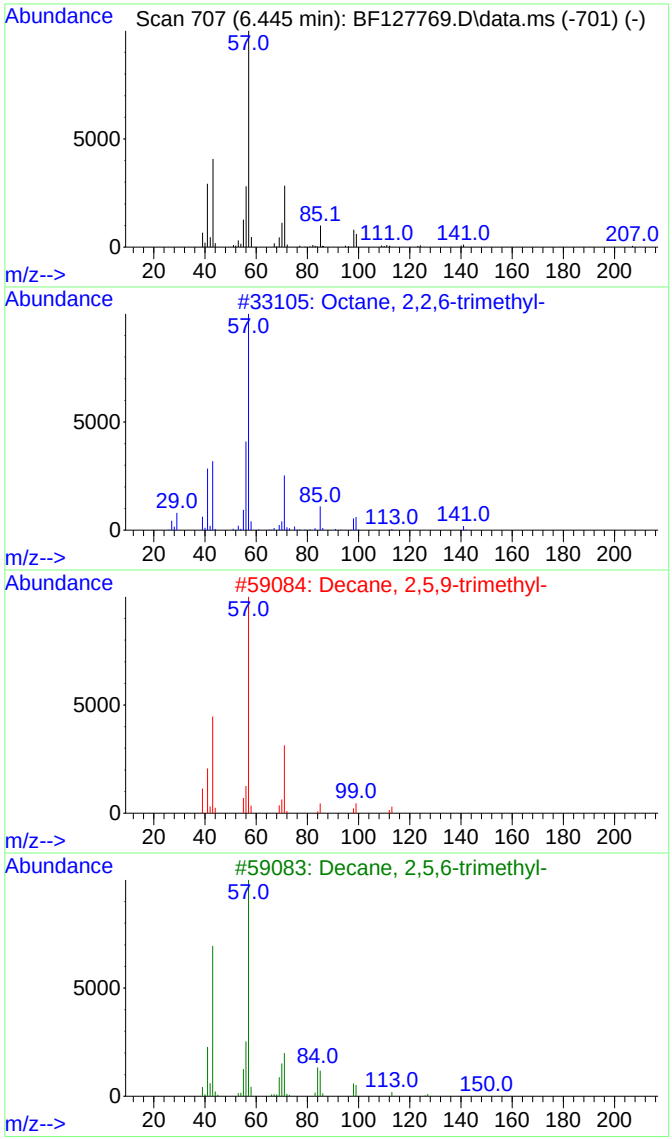
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

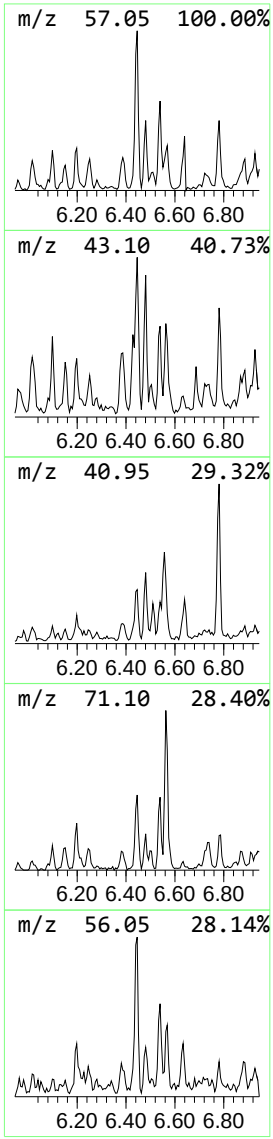
****

Peak Number 1 Octane, 2,2,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.445	3.07 ng	132055	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

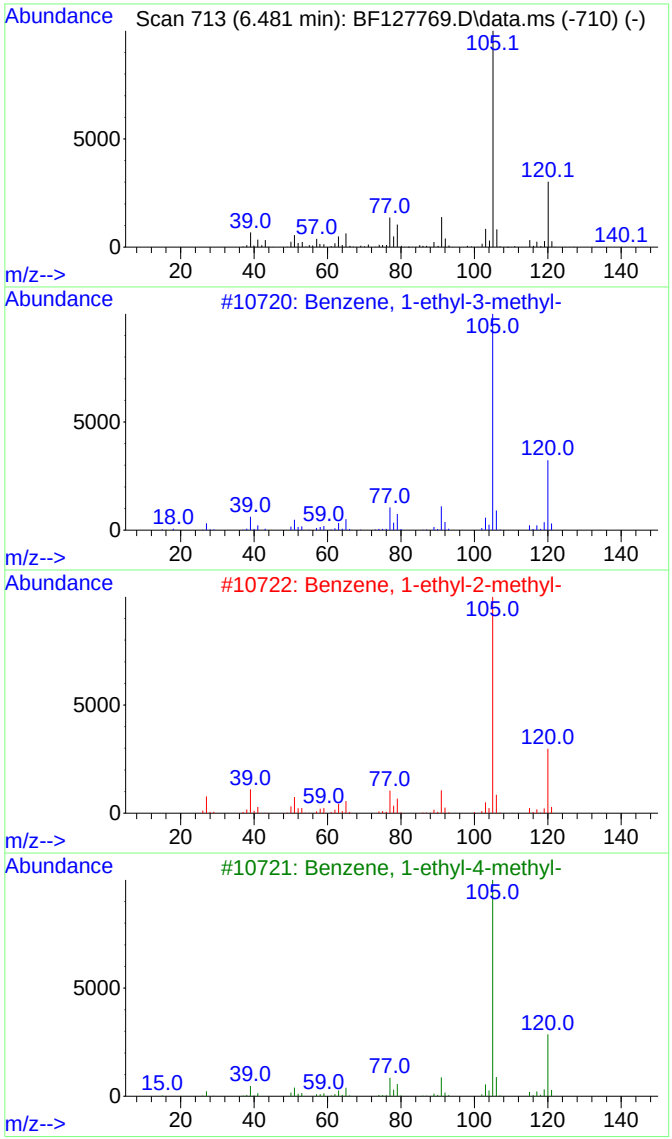
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

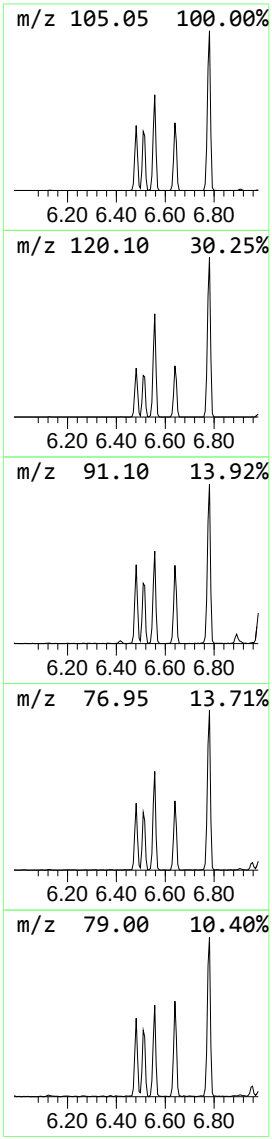
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	20.35 ng	875985	1,4-Dichlorobenzene-d4	6.957

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : BF127769.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

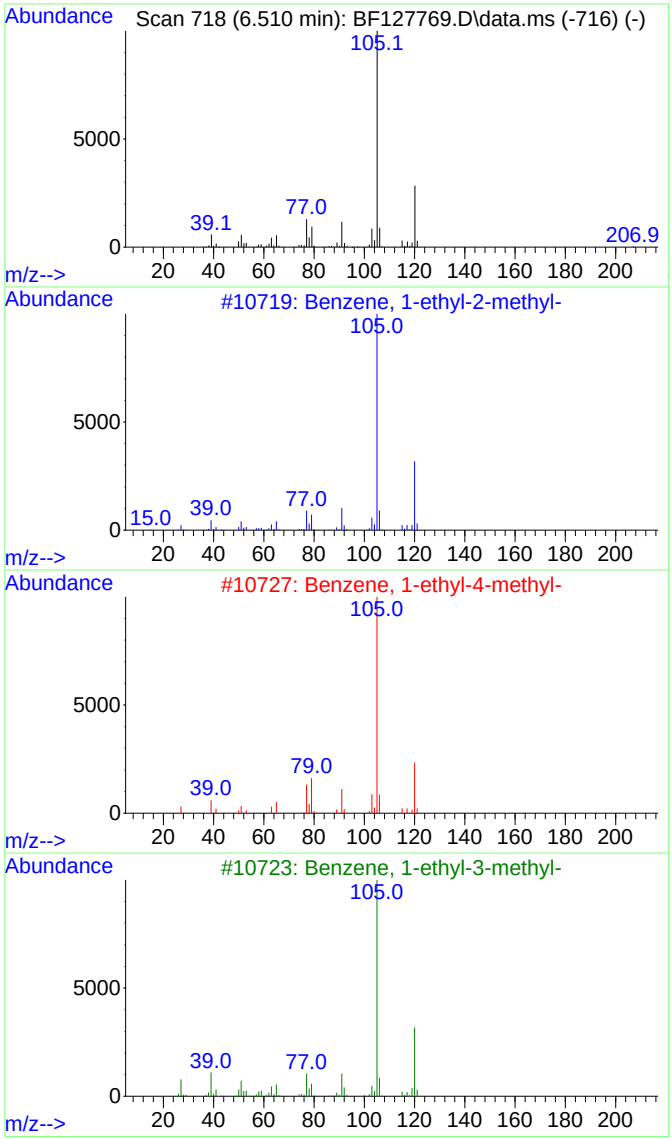
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

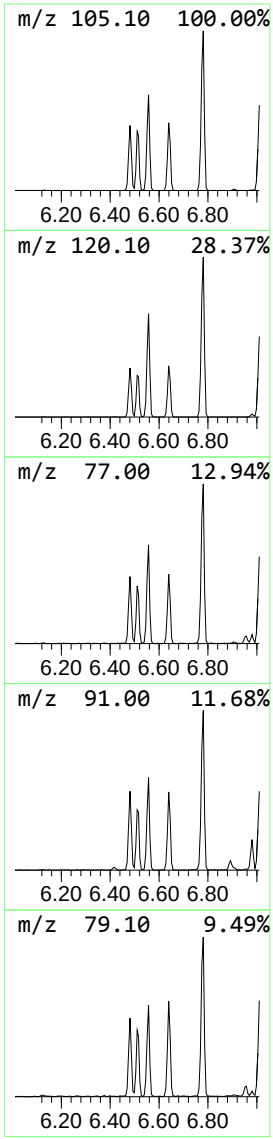
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	17.75 ng	764218	1,4-Dichlorobenzene-d4	6.957

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	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
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Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

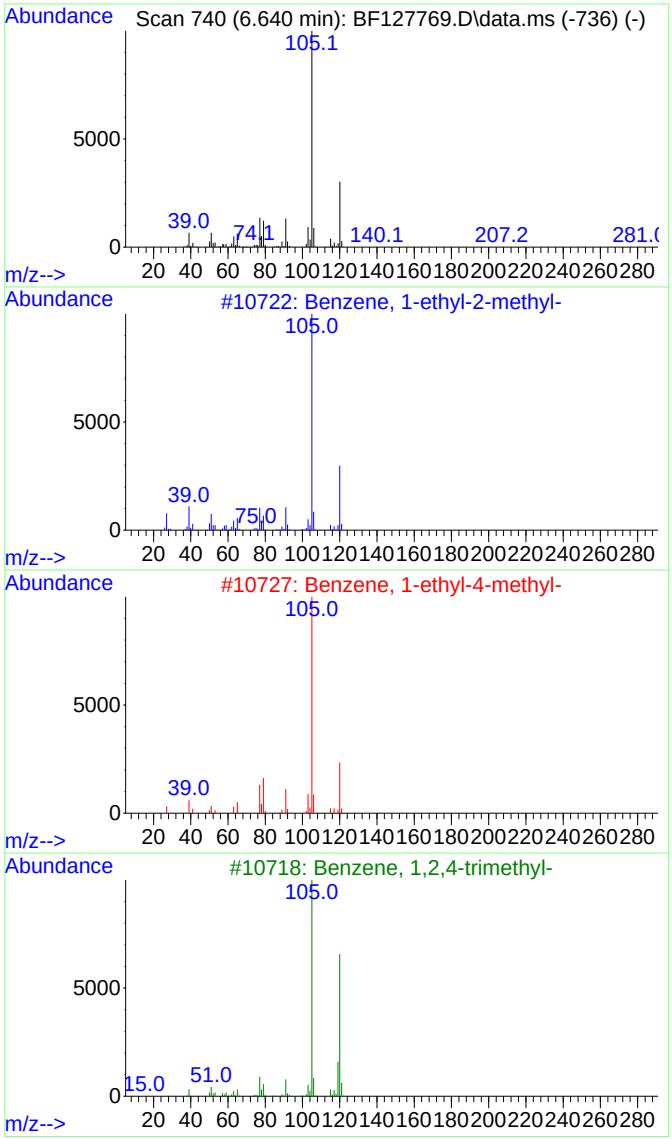
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

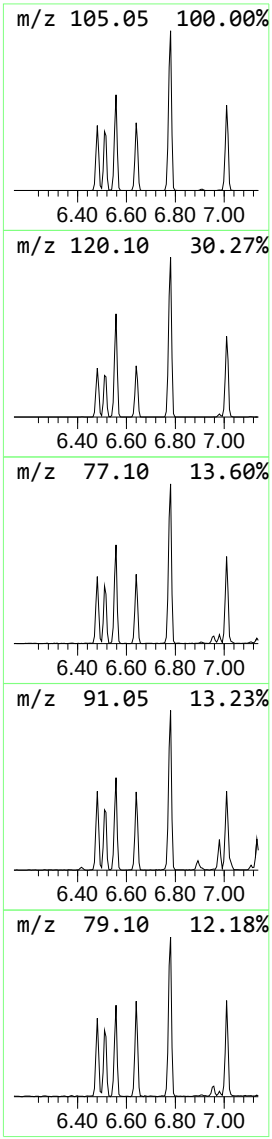
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	20.29 ng	873513	1,4-Dichlorobenzene-d4	6.957

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

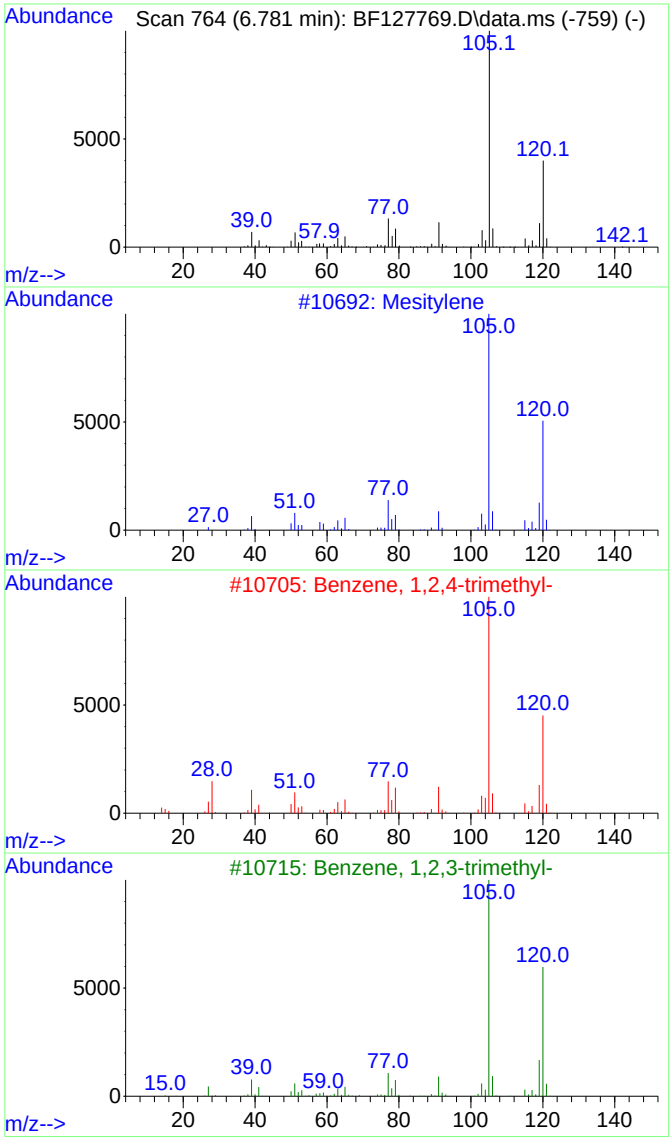
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

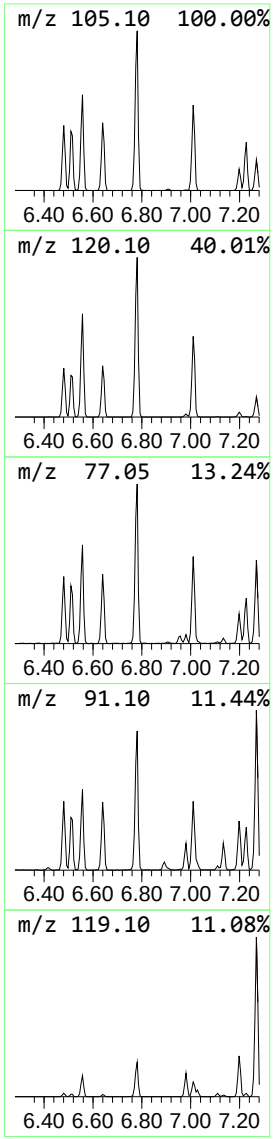
****

Peak Number 5 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	51.72 ng	2226620	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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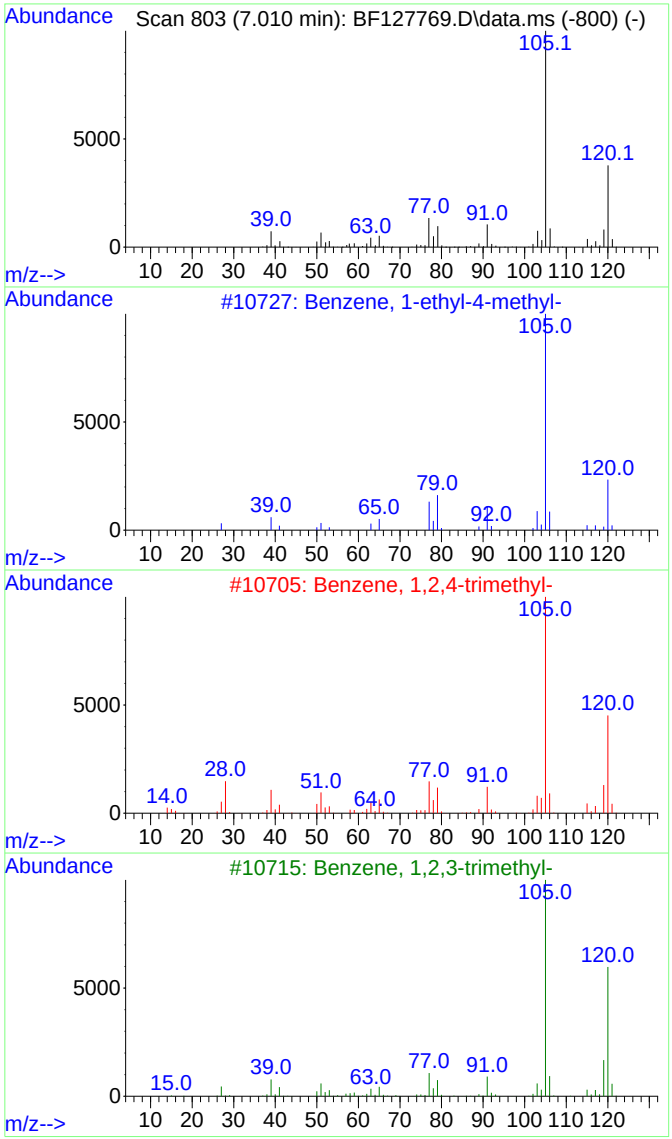
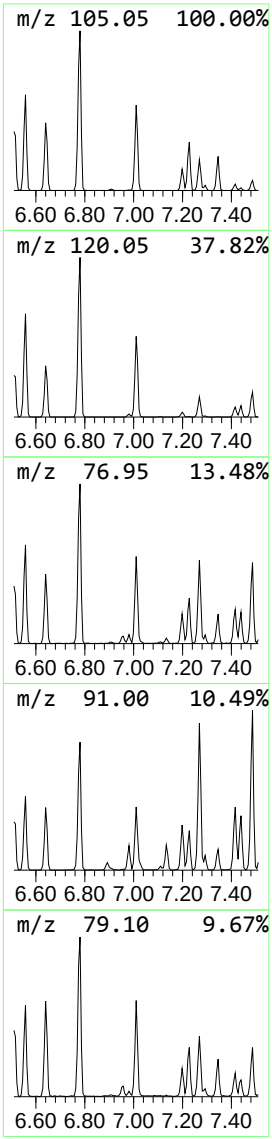
Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	26.91 ng	1158490	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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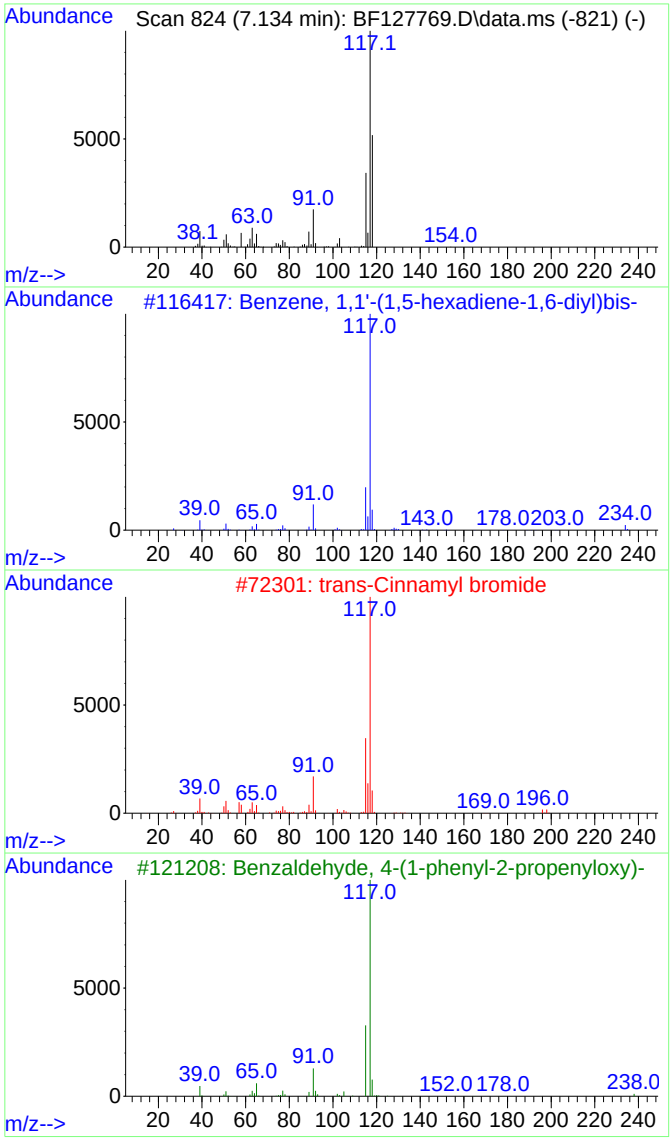
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

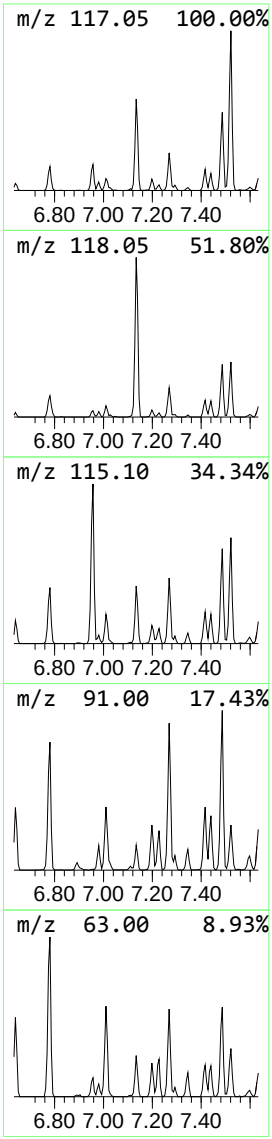
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	6.48 ng	279056	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
5	Indole	117	C8H7N	000120-72-9	43





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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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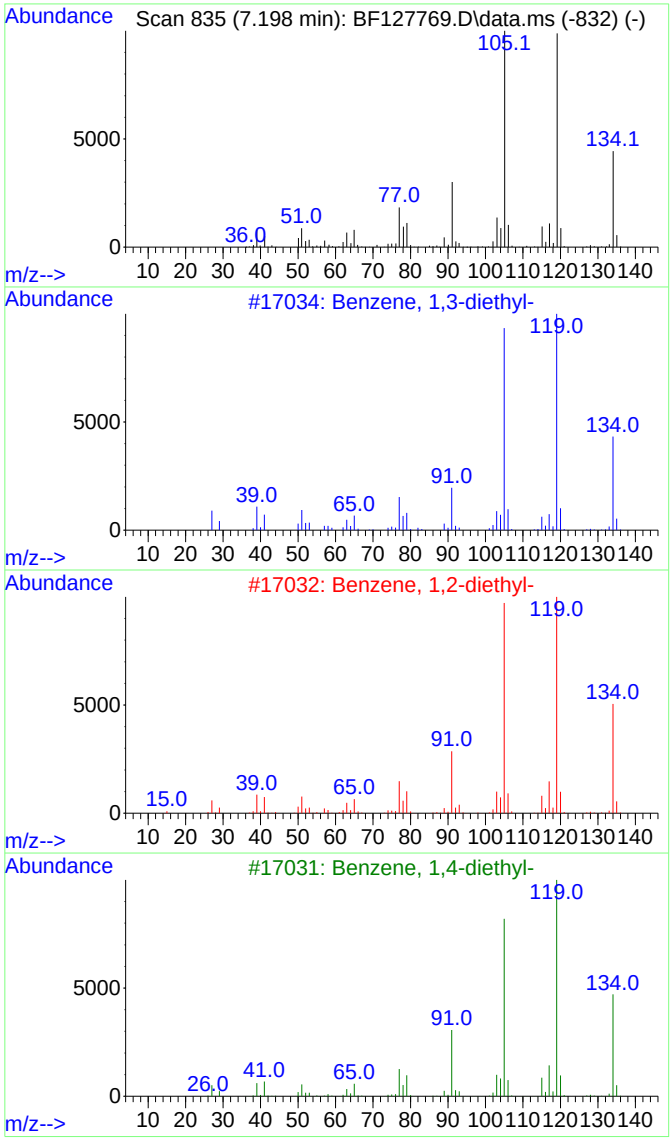
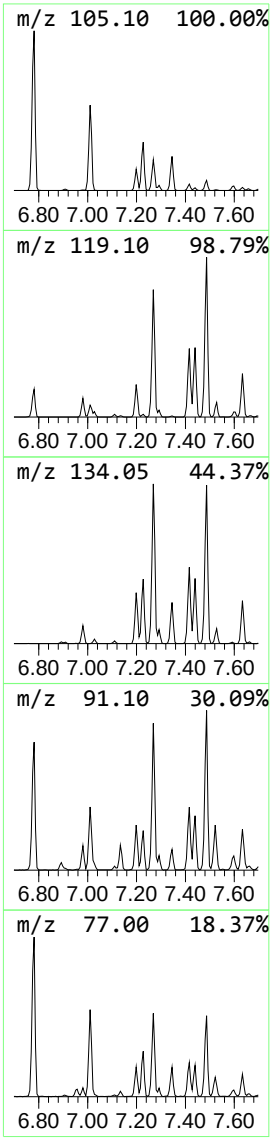
Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	10.88 ng	468467	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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ALS Vial : 18 Sample Multiplier: 1

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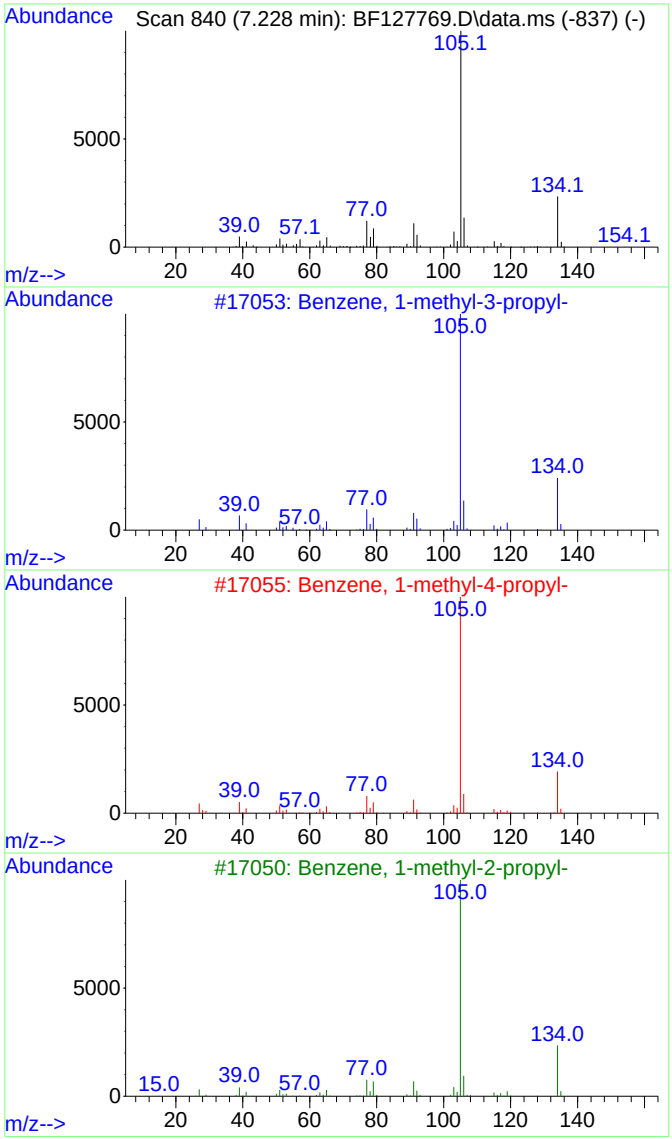
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

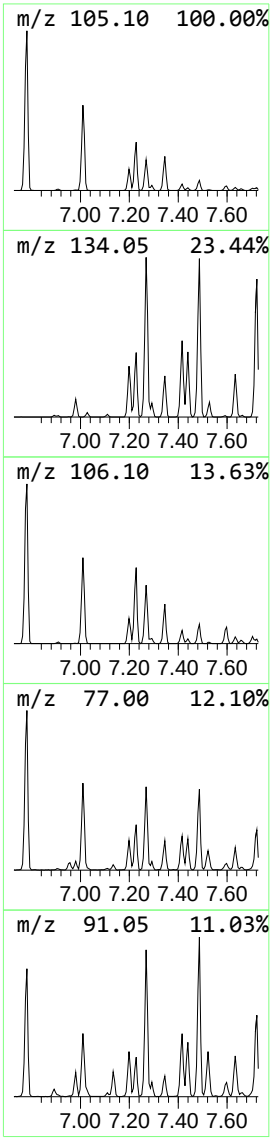
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	14.42 ng	620800	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	2-Tolyloxirane	134	C9H10O	002783-26-8	74





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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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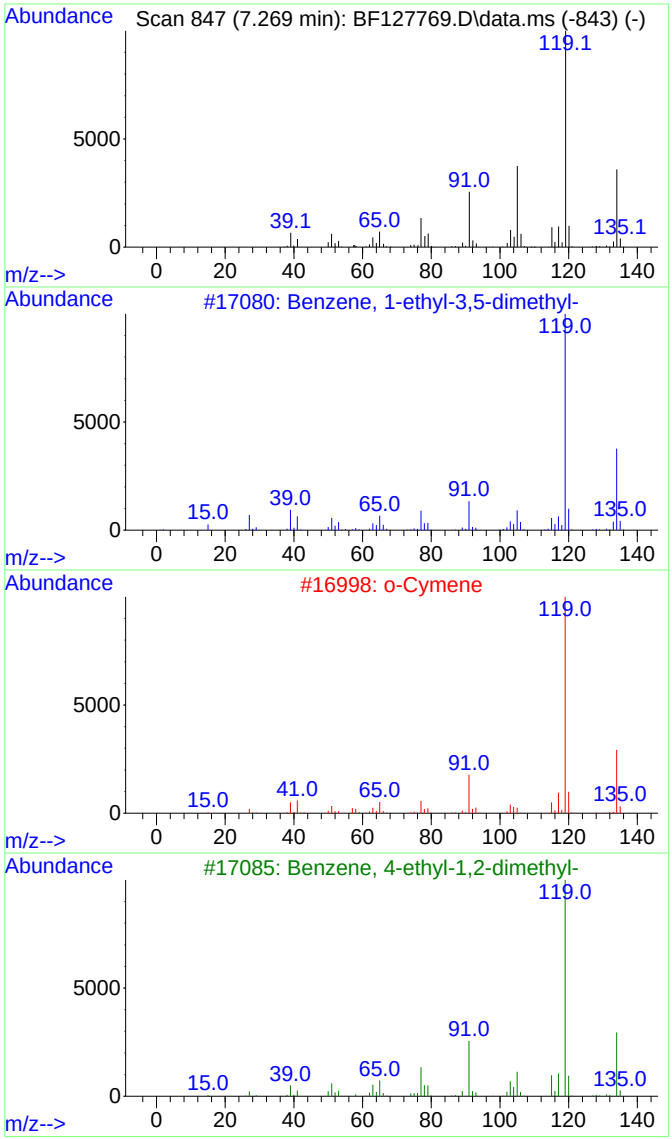
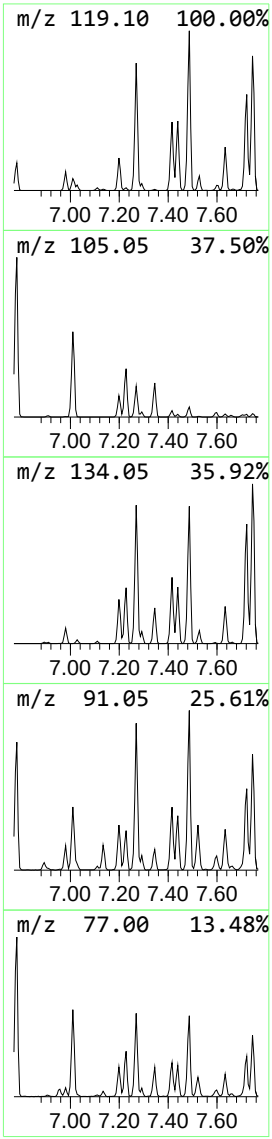
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	32.60 ng	1403500	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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ALS Vial : 18 Sample Multiplier: 1

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

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

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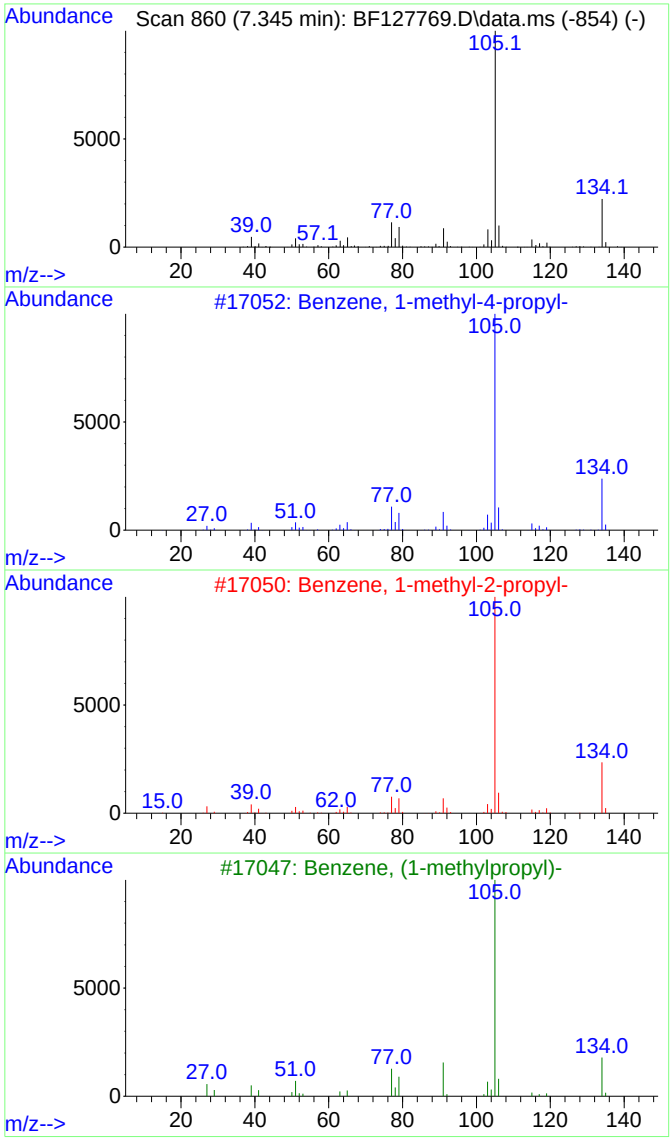
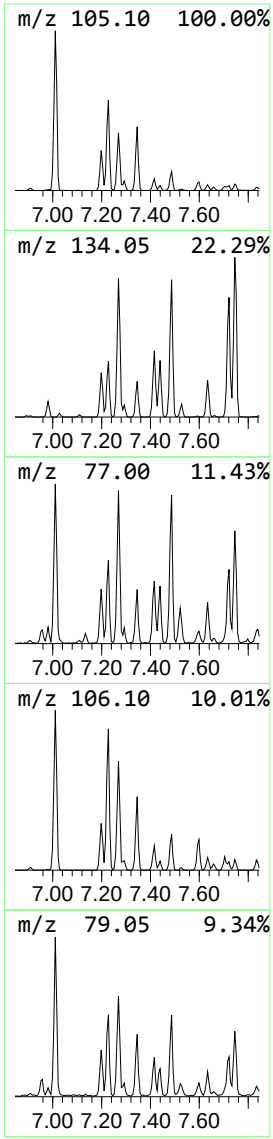
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.345	9.34 ng	402053	1,4-Dichlorobenzene-d4	6.957

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	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





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ALS Vial : 18 Sample Multiplier: 1

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

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

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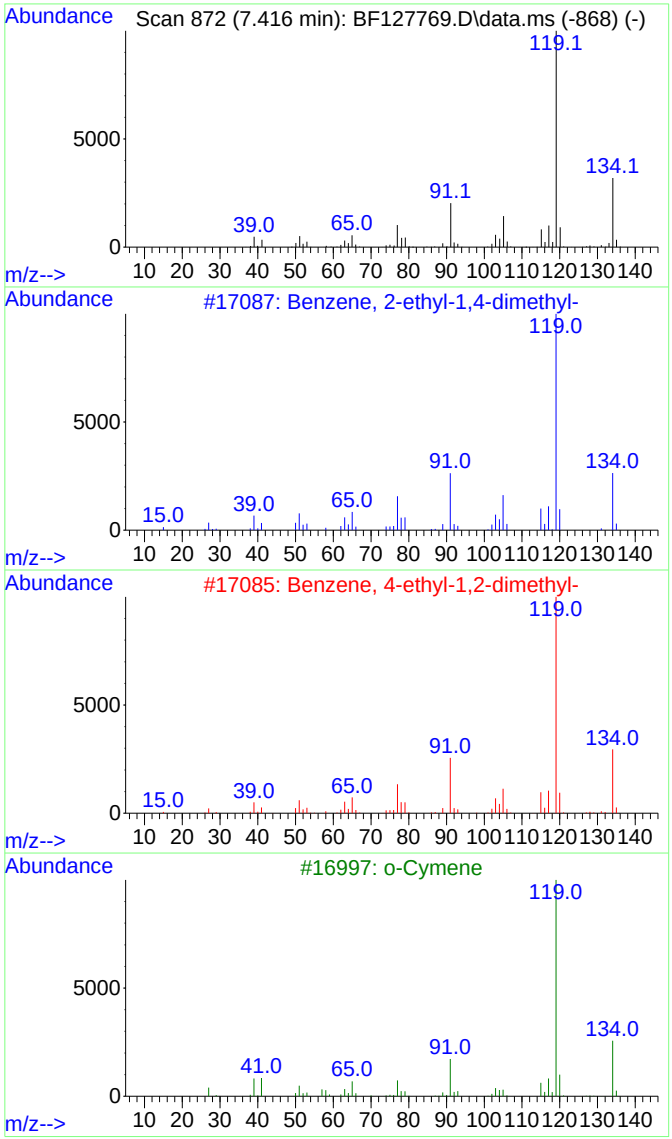
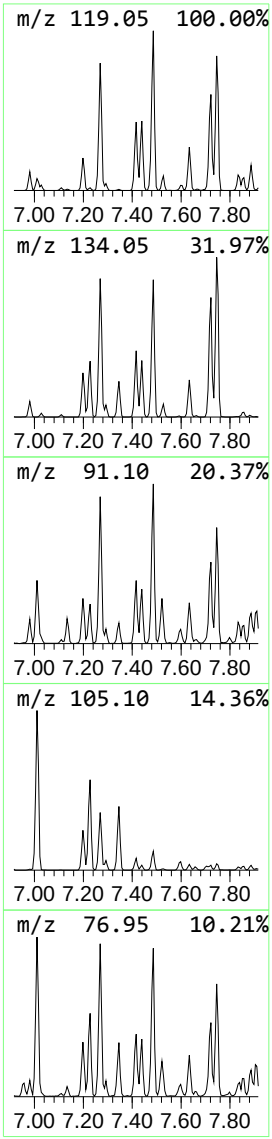
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.416	13.93 ng	599776	1,4-Dichlorobenzene-d4	6.957

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	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Misc :
ALS Vial : 18 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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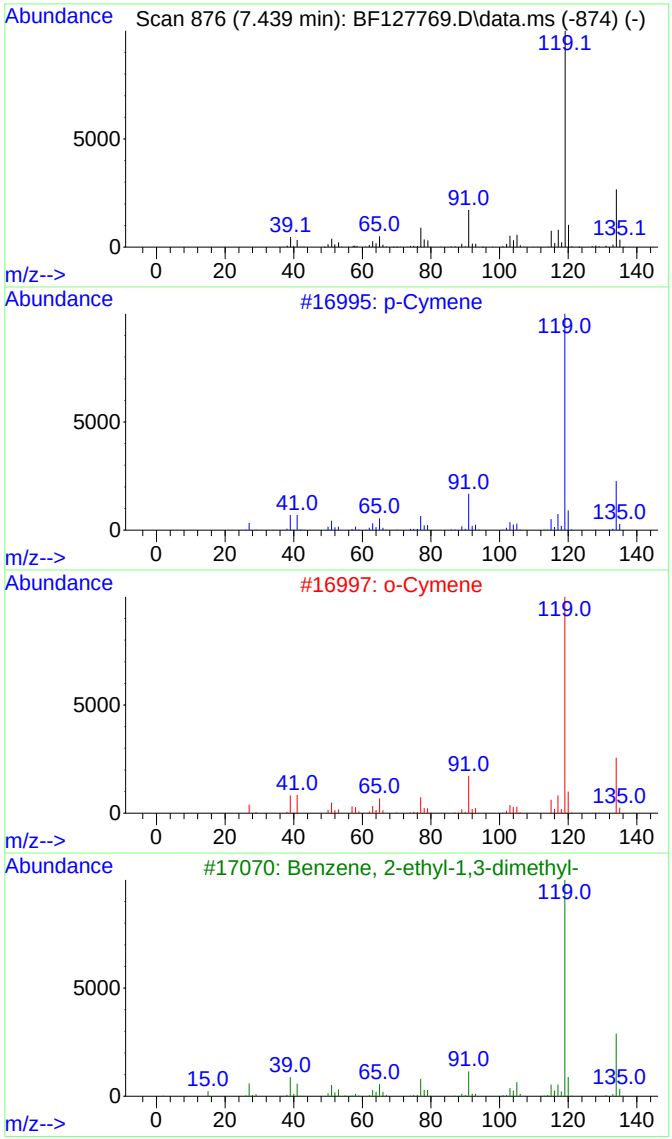
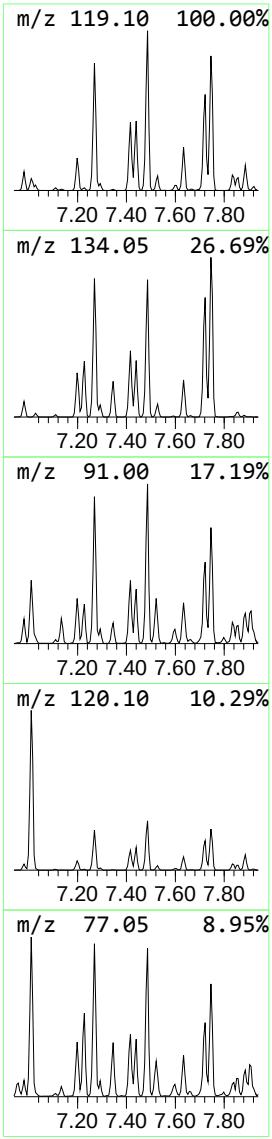
Peak Number 13 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.439	11.28 ng	485629	1,4-Dichlorobenzene-d4	6.957

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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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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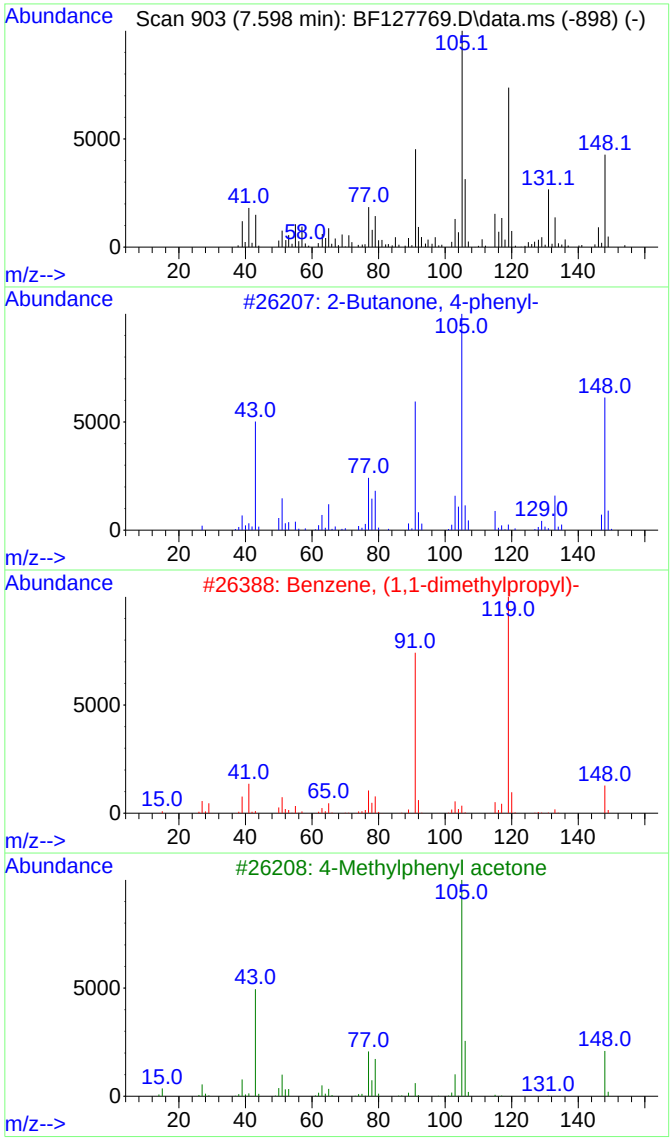
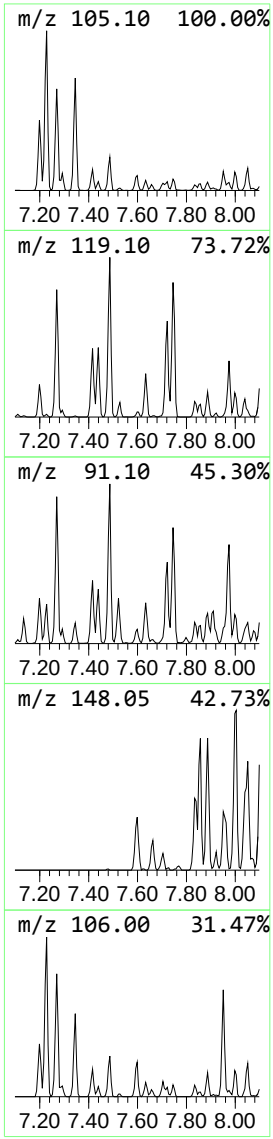
Peak Number 14 2-Butanone, 4-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	4.48 ng	193078	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	51
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
4	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	38
5	2-Ethyl[1,3]dithiane	148	C6H12S2	006007-23-4	38





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

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

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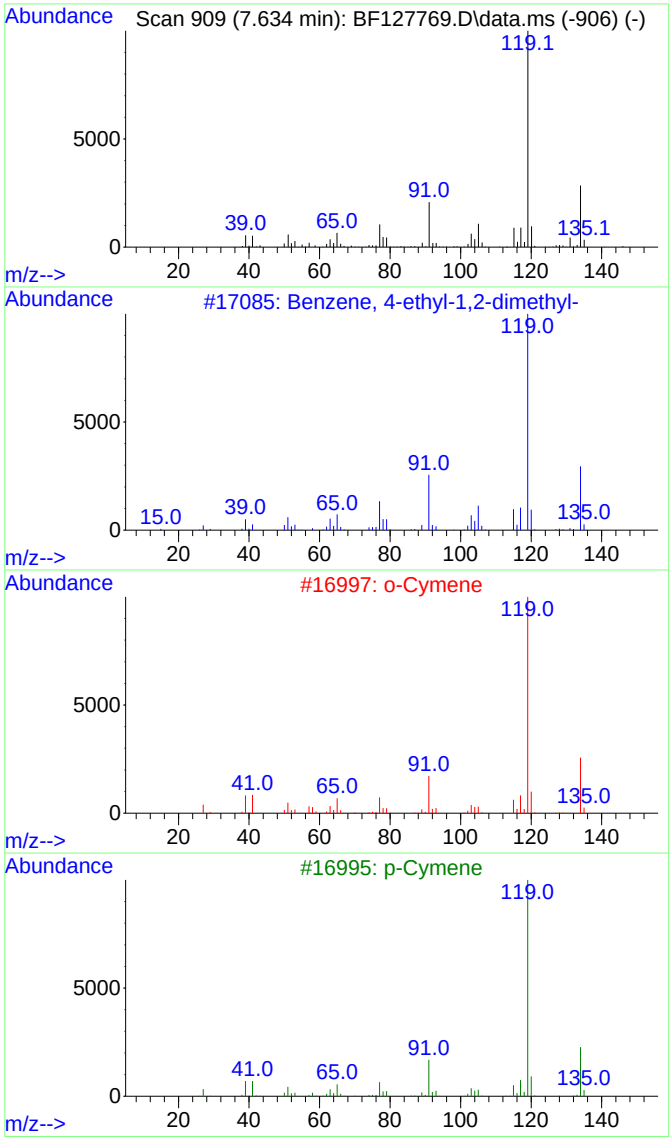
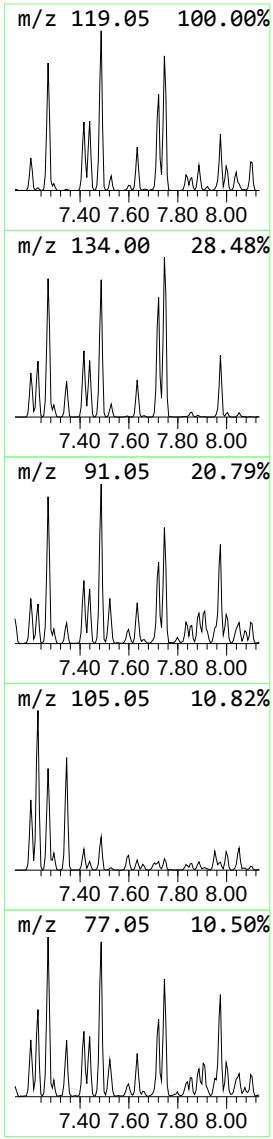
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	2.98 ng	422570	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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ALS Vial : 18 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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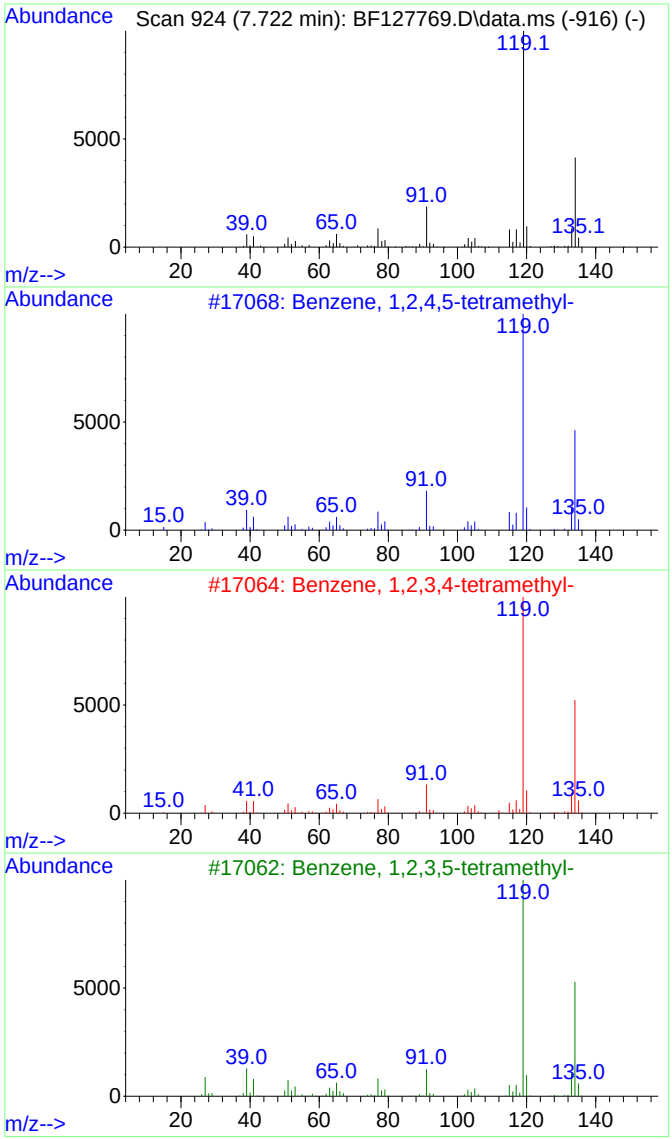
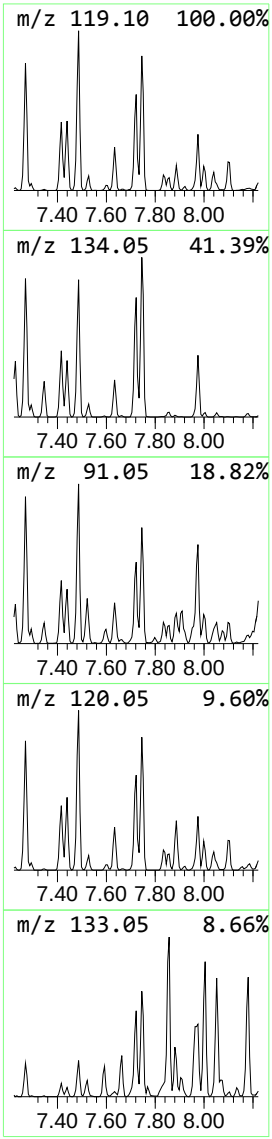
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	6.96 ng	987336	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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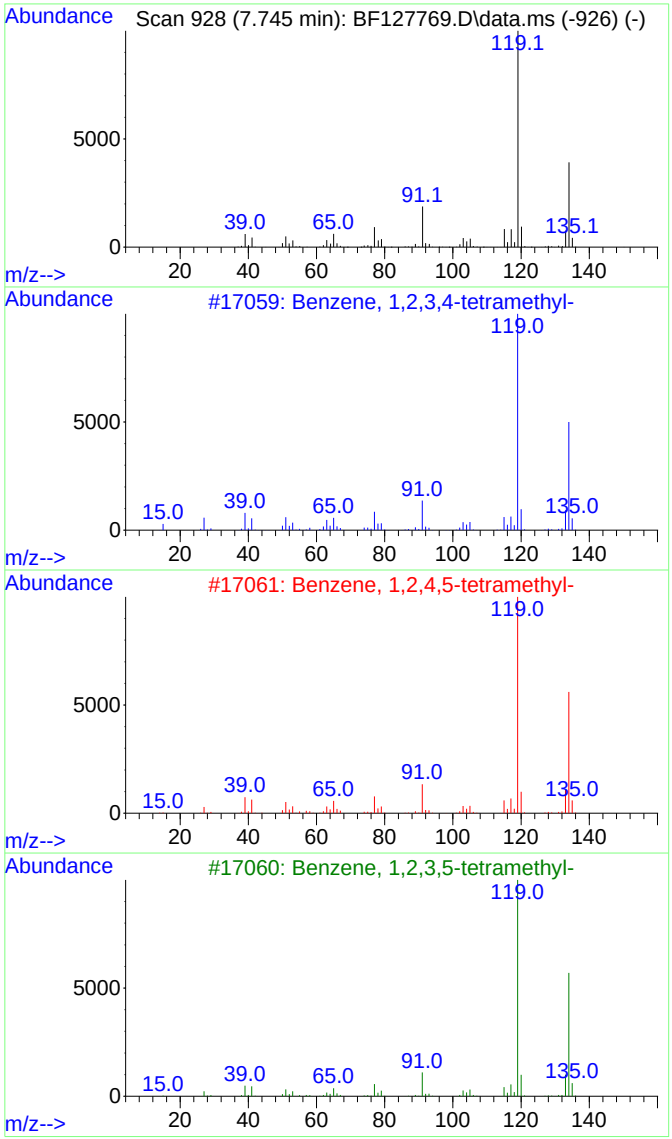
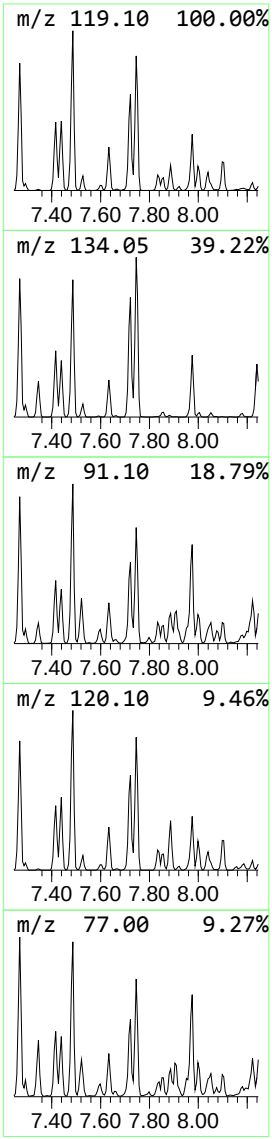
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.745	7.99 ng	1134140	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

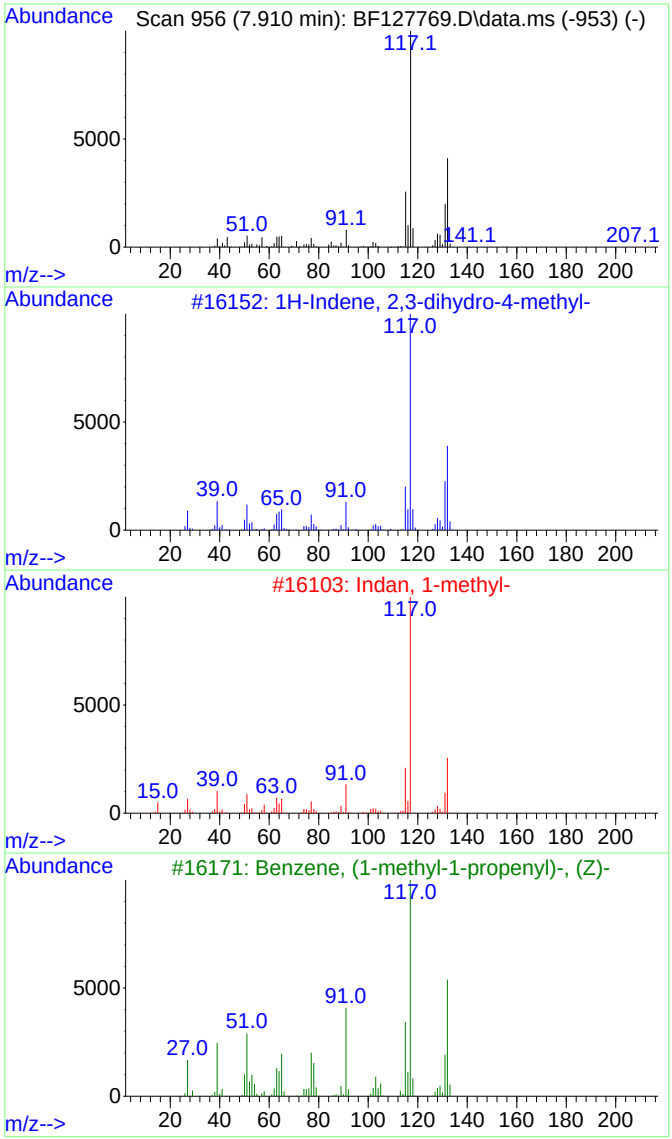
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

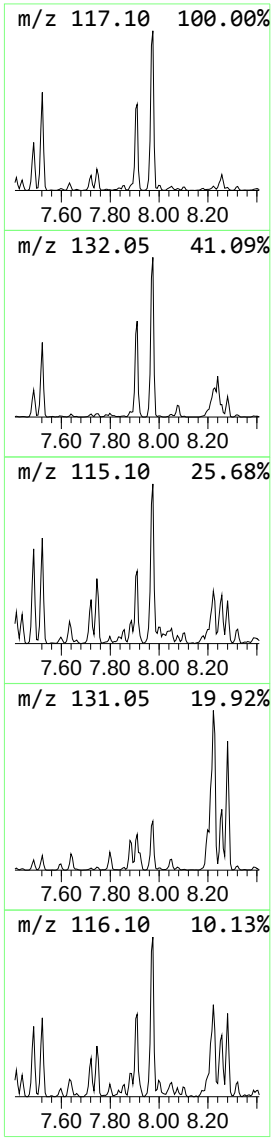
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	4.10 ng	582576	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

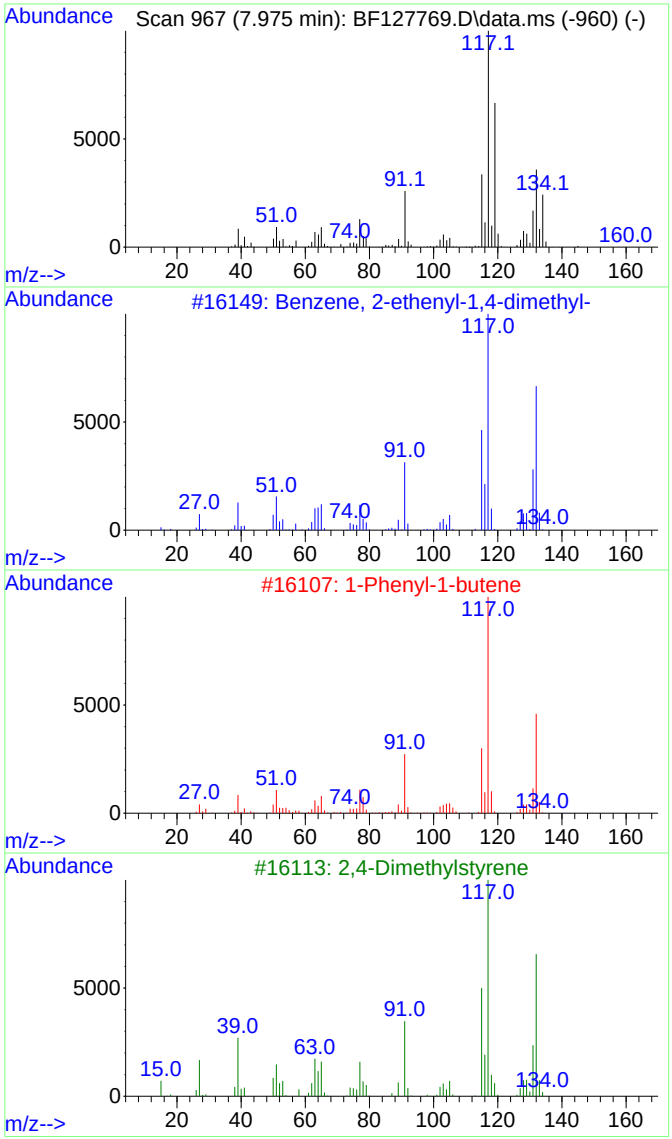
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

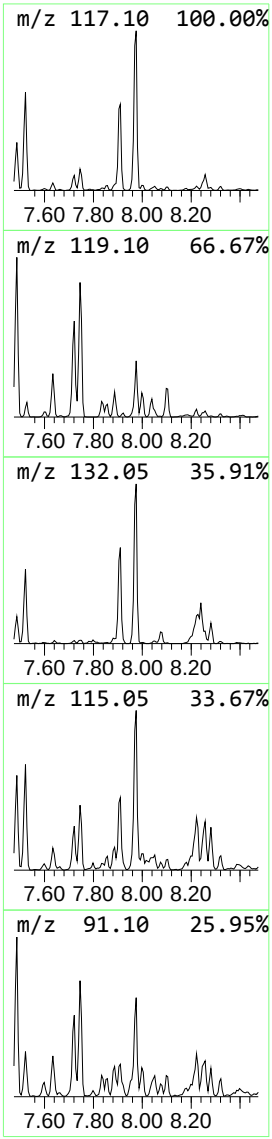
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	10.70 ng	1518160	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

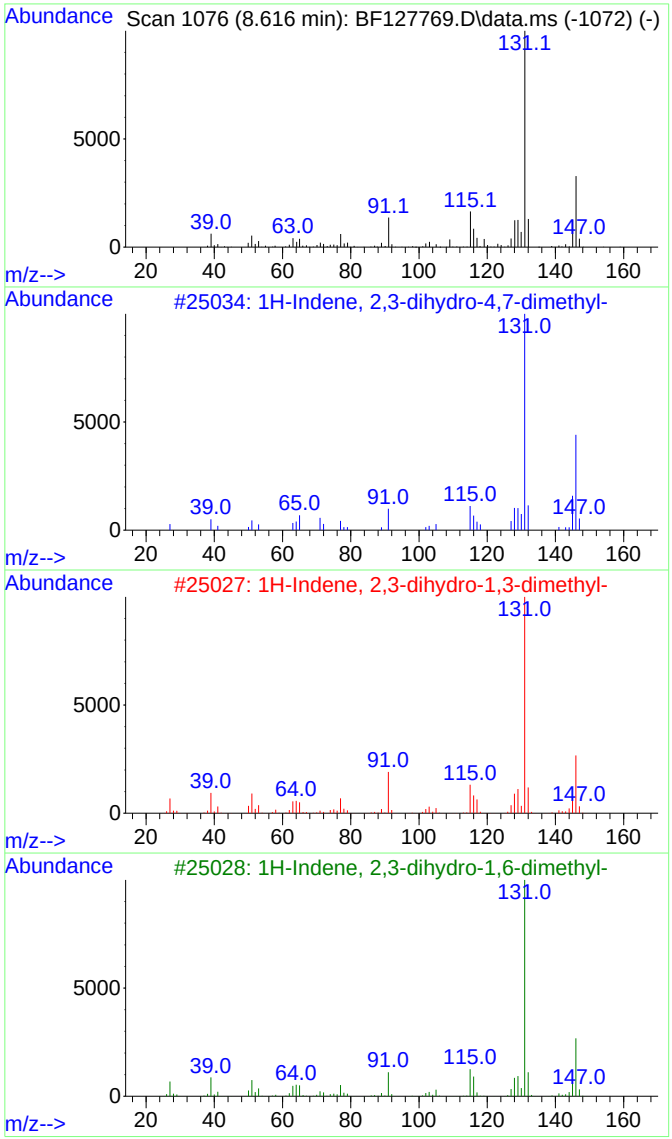
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

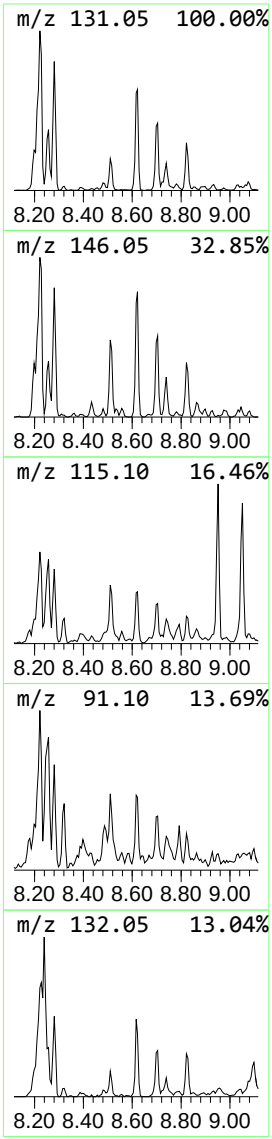
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	2.52 ng	357327	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127769.D
Acq On : 12 Apr 2022 20:30
Operator : CG\JU
Sample : N2333-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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
Octane, 2,2,6-t...	6.445	3.1	ng	132055	1	6.957	861093	20.0
Benzene, 1-ethy...	6.481	20.4	ng	875985	1	6.957	861093	20.0
Benzene, 1-ethy...	6.510	17.8	ng	764218	1	6.957	861093	20.0
Benzene, 1-ethy...	6.640	20.3	ng	873513	1	6.957	861093	20.0
Mesitylene	6.781	51.7	ng	2226620	1	6.957	861093	20.0
Benzene, 1,2,4-...	7.010	26.9	ng	1158490	1	6.957	861093	20.0
Benzene, 1,1'-(...	7.134	6.5	ng	279056	1	6.957	861093	20.0
Benzene, 1,3-di...	7.198	10.9	ng	468467	1	6.957	861093	20.0
Benzene, 1-meth...	7.228	14.4	ng	620800	1	6.957	861093	20.0
Benzene, 1-ethy...	7.269	32.6	ng	1403500	1	6.957	861093	20.0
Benzene, 1-meth...	7.345	9.3	ng	402053	1	6.957	861093	20.0
Benzene, 2-ethy...	7.416	13.9	ng	599776	1	6.957	861093	20.0
p-Cymene	7.439	11.3	ng	485629	1	6.957	861093	20.0
2-Butanone, 4-p...	7.598	4.5	ng	193078	1	6.957	861093	20.0
Benzene, 4-ethy...	7.634	3.0	ng	422570	2	8.239	2838510	20.0
Benzene, 1,2,4,...	7.722	7.0	ng	987336	2	8.239	2838510	20.0
Benzene, 1,2,3,...	7.745	8.0	ng	1134140	2	8.239	2838510	20.0
1H-Indene, 2,3-...	7.910	4.1	ng	582576	2	8.239	2838510	20.0
Benzene, 2-ethe...	7.975	10.7	ng	1518160	2	8.239	2838510	20.0
1H-Indene, 2,3-...	8.616	2.5	ng	357327	2	8.239	2838510	20.0