LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.522	69	74	80	rVB	404300	568509	8.30%	0.507%
2	3.863	298	302	310	rVV	218684	326528	4.76%	0.291%
3	4.934	479	484	490	rBV	255729	292399	4.27%	0.261%
4	4.993	490	494	501	rVV2	258095	325584	4.75%	0.290%
5	5.422	564	567	572	rVB	2245027	2200856	32.11%	1.962%
6	5.616	596	600	607	rVB4	493181	665143	9.71%	0.593%
7	5.746	618	622	629	rBV	856094	783910	11.44%	0.699%
8	5.987	650	663	666	rBV	708812	1598547	23.33%	1.425%
9	6.334	717	722	725	rBV2	247643	252831	3.69%	0.225%
10	6.446	735	741	747	rBV2	1161423	1663393	24.27%	1.483%
11	6.522	747	754	755	rVV4	162323	371506	5.42%	0.331%
12	6.569	758	762	767	rVV	3825565	3860813	56.33%	3.442%
13	6.616	767	770	776	rVB4	261086	363881	5.31%	0.324%
14	6.787	796	799	803	rVV	1038205	836696	12.21%	0.746%
15	6.863	808	812	815	rVV	1907078	2028418	29.60%	1.809%
16	6.910	815	820	821	rVV2	228420	307512	4.49%	0.274%
17	6.945	821	826	828	rVV	4233620	4972531	72.56%	4.433%
18	6.987	828	833	835	rVV	4327172	6853359	100.00%	6.110%
19	7.010	835	837	841	rVV	2746515	2030952	29.63%	1.811%
20	7.216	864	872	877	rBV2	1235104	1540017	22.47%	1.373%
21	7.357	888	896	899	rBV	2689504	2973769	43.39%	2.651%
22	7.504	911	921	923	rBV3	296305	779436	11.37%	0.695%
23	7.534	923	926	928	rVV	382430	467108	6.82%	0.416%
24	7.610	928	939	940	rVB	1106127	3007503	43.88%	2.681%
25	7.645	942	945	948	rBV2	354943	241432	3.52%	0.215%
26	7.740	957	961	966	rBV2	514974	702756	10.25%	0.627%
27	7.875	976	984	986	rBV4	1008741	2082874	30.39%	1.857%
28	7.945	992	996	997	rBV3	331408	413142	6.03%	0.368%
29	7.998	1000	1005	1009	rVB	2934728	3991636	58.24%	3.559%
30	8.045	1009	1013	1015	rBV2	586970	577935	8.43%	0.515%
31	8.069	1015	1017	1019	rBV	1044700	881675	12.86%	0.786%
32	8.092	1019	1021	1024	rVB	777748	587254	8.57%	0.524%
33	8.145	1025	1030	1032	rBV2	515929	724868	10.58%	0.646%
34	8.175	1032	1035	1037	rVB	683318	731805	10.68%	0.652%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.239	1042	1046	1050	rVB2	500396	698563	10.19%	0.623%
36	8.316	1054	1059	1062	rBV2	626145	625769	9.13%	0.558%
37	8.345	1062	1064	1070	rBV4	226298	404073	5.90%	0.360%
38	8.392	1070	1072	1075	rVB	320947	258347	3.77%	0.230%
39	8.439	1075	1080	1083	rBV	1901812	1753475	25.59%	1.563%
40	8.516	1085	1093	1095	rBV	579466	958015	13.98%	0.854%
41	8.563	1098	1101	1102	rBV2	273362	281441	4.11%	0.251%
42	8.604	1105	1108	1110	rBV	641378	494070	7.21%	0.441%
43	8.651	1112	1116	1121	rVB2	818194	1077173	15.72%	0.960%
44	8.781	1131	1138	1141	rVB5	339732	586932	8.56%	0.523%
45	8.839	1145	1148	1150	rBV	579874	602770	8.80%	0.537%
46	8.969	1166	1170	1174	rVB2	740122	954451	13.93%	0.851%
47	9.028	1176	1180	1182	rBV3	453471	575505	8.40%	0.513%
48	9.057	1182	1185	1190	rVB4	862622	987540	14.41%	0.880%
49	9.151	1195	1201	1204	rVB	6006051	6132624	89.48%	5.468%
50	9.239	1213	1216	1222	rVB3	490058	814412	11.88%	0.726%
51	9.310	1222	1228	1233	rBV4	1280717	1988457	29.01%	1.773%
52	9.357	1233	1236	1240	rVB2	270158	294306	4.29%	0.262%
53	9.398	1240	1243	1244	rBV2	319678	269406	3.93%	0.240%
54	9.428	1245	1248	1250	rVV2	690189	633599	9.25%	0.565%
55	9.451	1250	1252	1257	rVB	1163614	1243835	18.15%	1.109%
56	9.504	1257	1261	1265	rBV3	307514	397627	5.80%	0.355%
57	9.539	1265	1267	1270	rBV	358617	358468	5.23%	0.320%
58	9.569	1270	1272	1275	rBV2	683429	606647	8.85%	0.541%
59	9.604	1275	1278	1282	rVB	1148413	1075033	15.69%	0.958%
60	9.645	1282	1285	1287	rBV3	335489	277098	4.04%	0.247%
61	9.692	1289	1293	1297	rBV3	961371	1173929	17.13%	1.047%
62	9.828	1313	1316	1319	rVV	2069283	1793879	26.18%	1.599%
63	9.992	1342	1344	1348	rVB2	441919	411668	6.01%	0.367%
64	10.039	1348	1352	1353	rBV2	672749	593344	8.66%	0.529%
65	10.063	1353	1356	1360	rVV3	950348	1016493	14.83%	0.906%
66	10.098	1360	1362	1364	rVB	402344	307839	4.49%	0.274%
67	10.157	1369	1372	1375	rVB2	338942	357944	5.22%	0.319%
68	10.210	1375	1381	1384	rBV4	327066	606535	8.85%	0.541%
69	10.245	1384	1387	1392	rVB3	448231	675343	9.85%	0.602%
70	10.339	1400	1403	1404	rBV	385356	343847	5.02%	0.307%
71	10.363	1404	1407	1410	rVB	1304258	1087194	15.86%	0.969%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.451	1419	1422	1425	rBV2	190142	265760	3.88%	0.237%
73	10.510	1430	1432	1434	rVV	421068	377107	5.50%	0.336%
74	10.533	1434	1436	1443	rVB3	292086	371483	5.42%	0.331%
75	10.622	1446	1451	1454	rBV	3908047	4048256	59.07%	3.609%
76	10.675	1458	1460	1464	rBV4	220632	329989	4.81%	0.294%
77	10.751	1468	1473	1476	rVB3	445523	565400	8.25%	0.504%
78	10.786	1477	1479	1485	rVB4	301381	341043	4.98%	0.304%
79	10.851	1485	1490	1494	rBV3	417029	669107	9.76%	0.597%
80	10.898	1494	1498	1503	rBV	796469	959226	14.00%	0.855%
81	10.951	1503	1507	1510	rVB3	510964	660628	9.64%	0.589%
82	10.992	1511	1514	1516	rBV2	376784	334266	4.88%	0.298%
83	11.098	1529	1532	1539	rVB	825256	787443	11.49%	0.702%
84	11.163	1540	1543	1548	rVB2	341303	413407	6.03%	0.369%
85	11.222	1550	1553	1556	rBV	297244	251902	3.68%	0.225%
86	11.310	1564	1568	1575	rBV	2009230	1923326	28.06%	1.715%
87	11.463	1591	1594	1599	rVB4	205867	225979	3.30%	0.201%
88	11.845	1656	1659	1662	rVV	570240	446881	6.52%	0.398%
89	12.139	1705	1709	1713	rVV4	230308	425991	6.22%	0.380%
90	12.298	1731	1736	1742	rBV	2076525	2906628	42.41%	2.592%
91	12.351	1742	1745	1749	rVB2	247046	323798	4.72%	0.289%
92	12.580	1781	1784	1787	rVB	813600	710371	10.37%	0.633%
93	12.627	1787	1792	1795	rBV2	455136	456292	6.66%	0.407%
94	12.898	1833	1838	1841	rBV	5203876	5549459	80.97%	4.948%
95	13.457	1930	1933	1937	rVB	706042	659653	9.63%	0.588%
96	13.945	2012	2016	2023	rVB	1351707	1243749	18.15%	1.109%
97	14.757	2150	2154	2158	rVB	2716886	2480036	36.19%	2.211%
98	15.045	2200	2203	2207	rBV	234356	245487	3.58%	0.219%
99	15.386	2256	2261	2264	rBV	927470	1191351	17.38%	1.062%
100	15.416	2264	2266	2273	rVB	241964	270737	3.95%	0.241%

Sum of corrected areas: 112158984

LSC Report - Integrated Chromatogram

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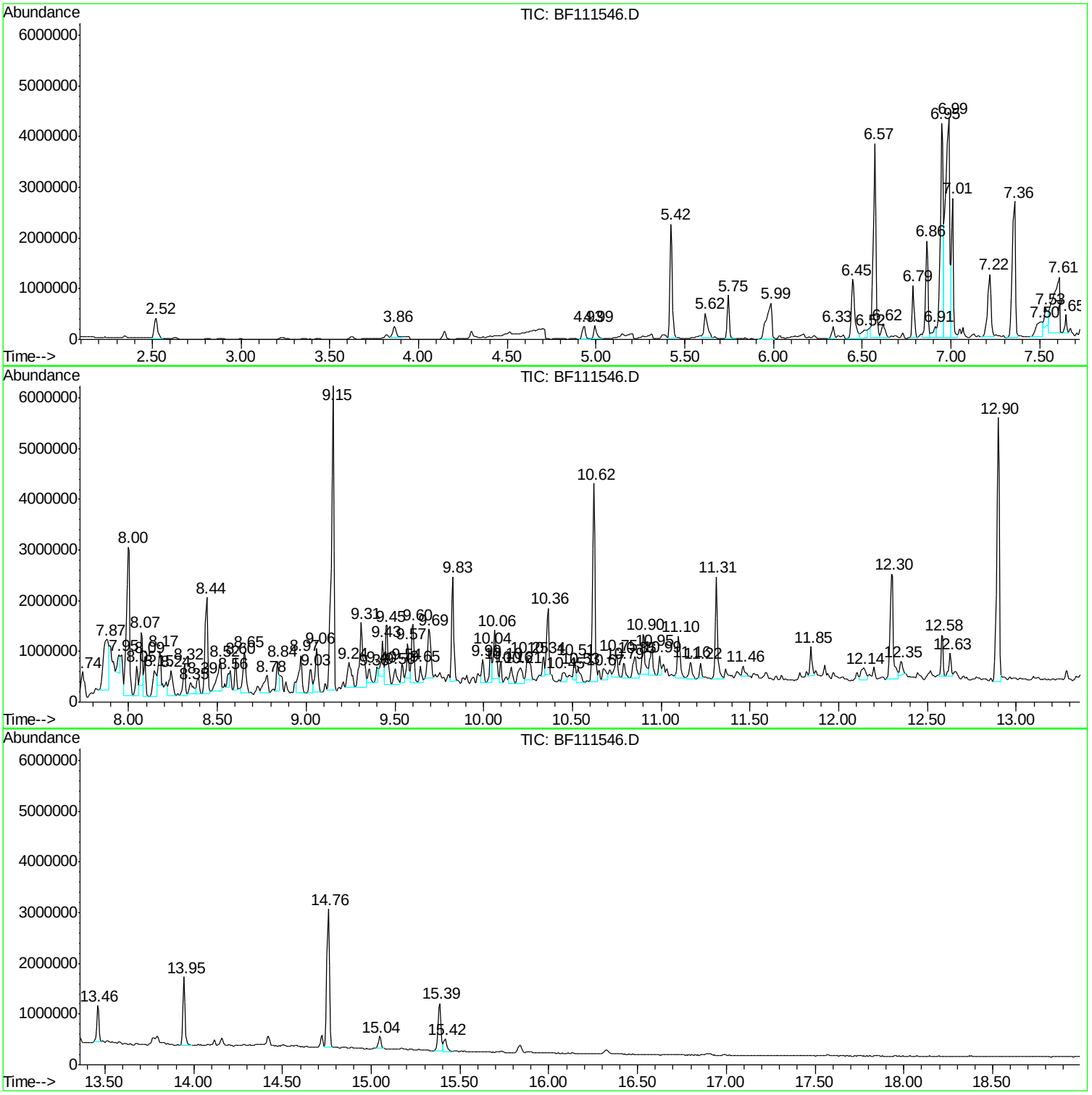
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

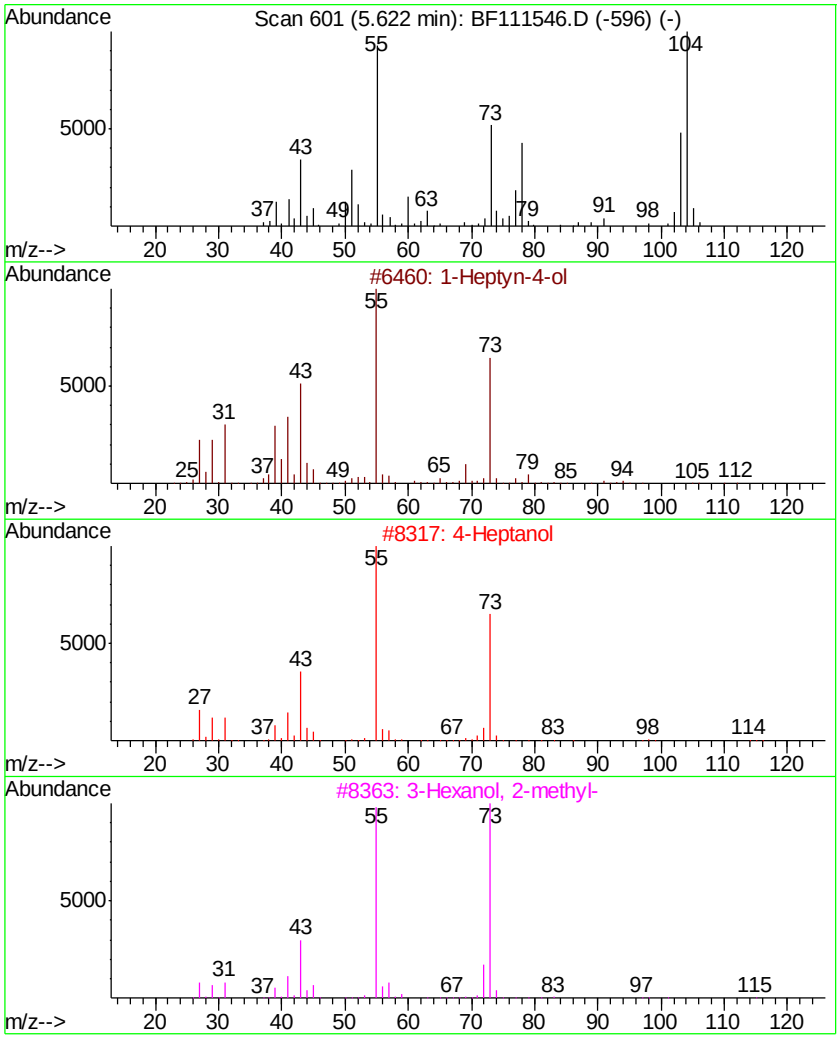
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

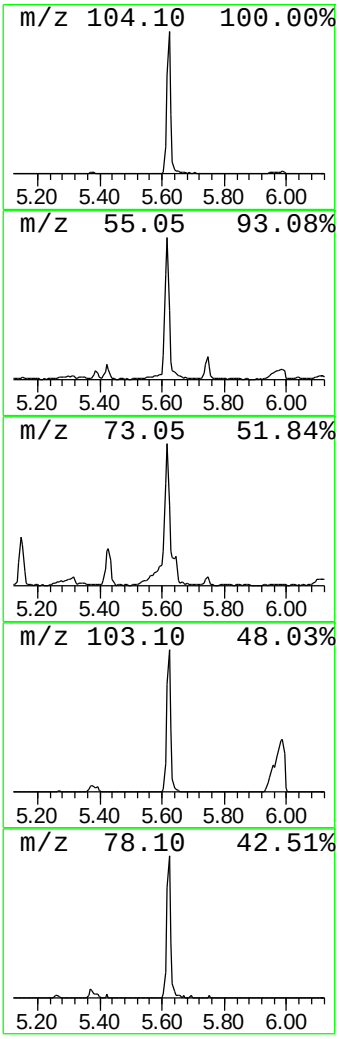
****

Peak Number 1 unknown5.62 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.90 ng	665143	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptyn-4-ol	112	C7H12O	022127-83-9	14
2	4-Heptanol	116	C7H16O	000589-55-9	12
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	10
4	5-Hydroxy-4-octanone	144	C8H16O2	000496-77-5	10
5	1-Hepten-4-ol	114	C7H14O	003521-91-3	10





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

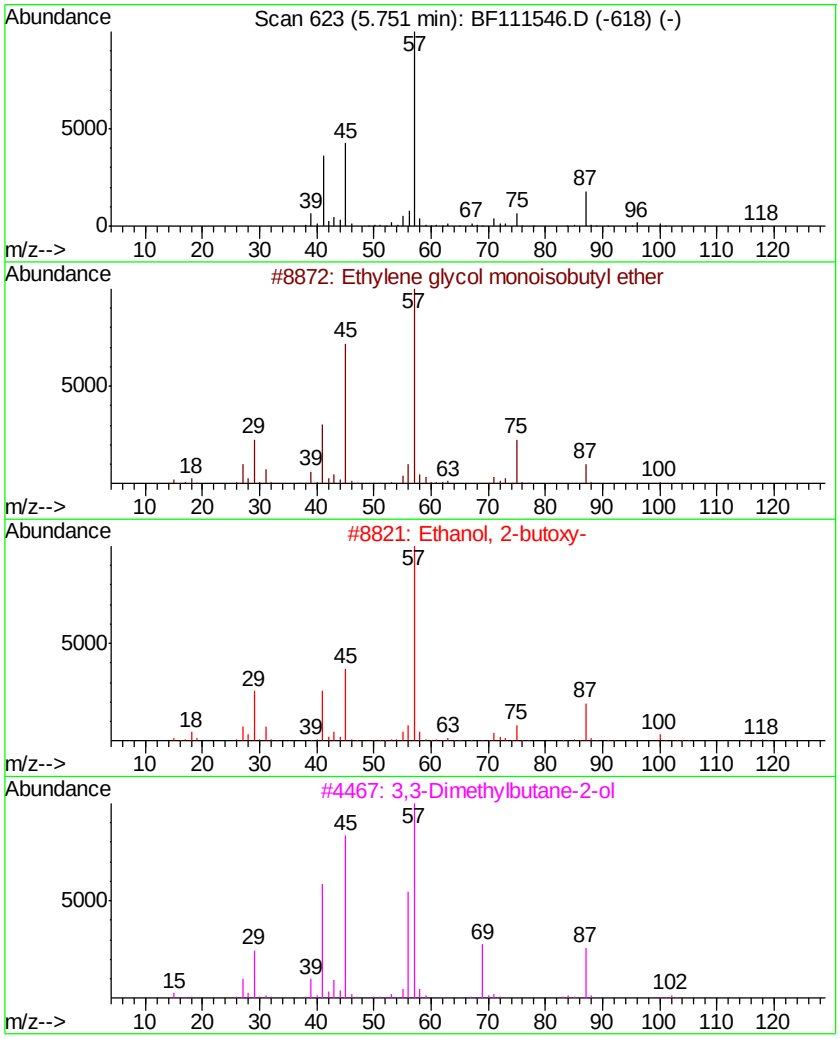
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

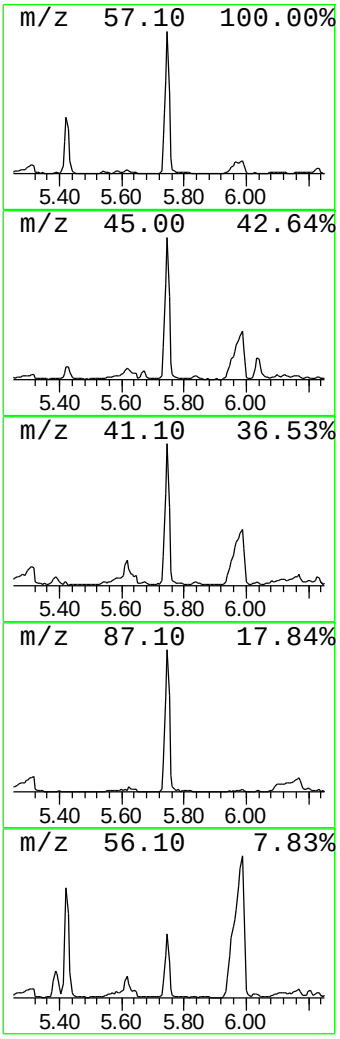
****

Peak Number 2 Ethylene glycol monoisobuty... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	18.74 ng	783910	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	Isobutyl ether	130	C8H18O	000628-55-7	12
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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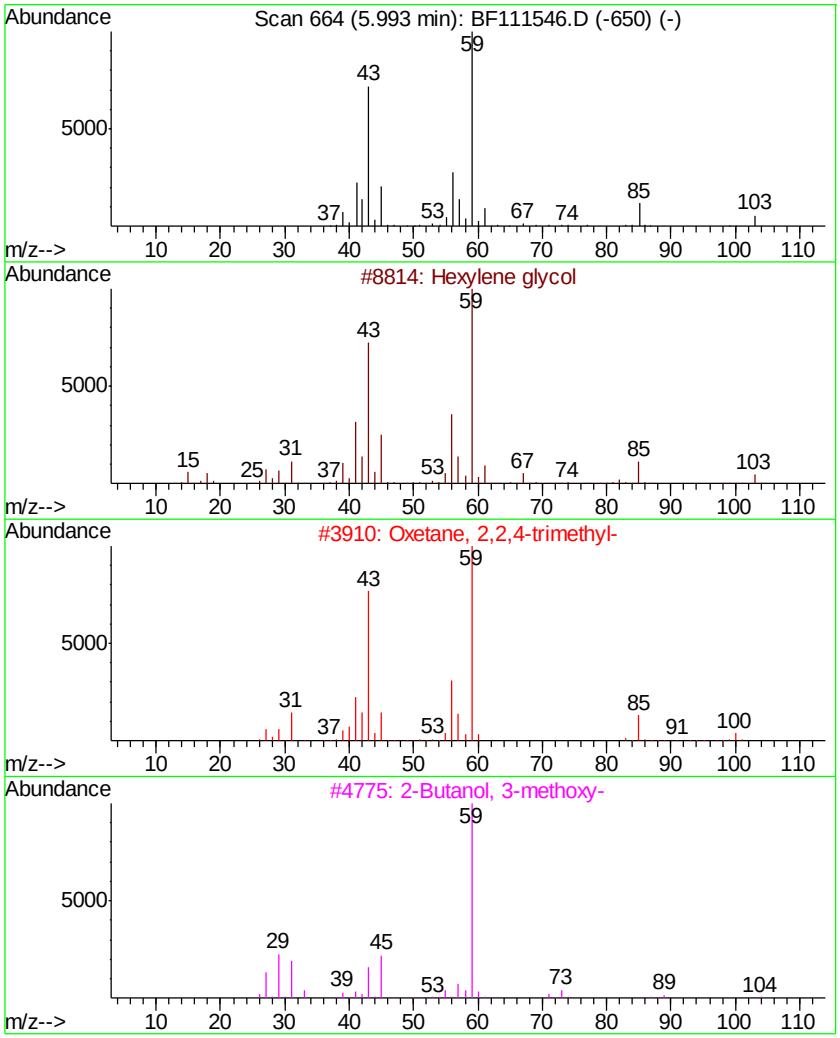
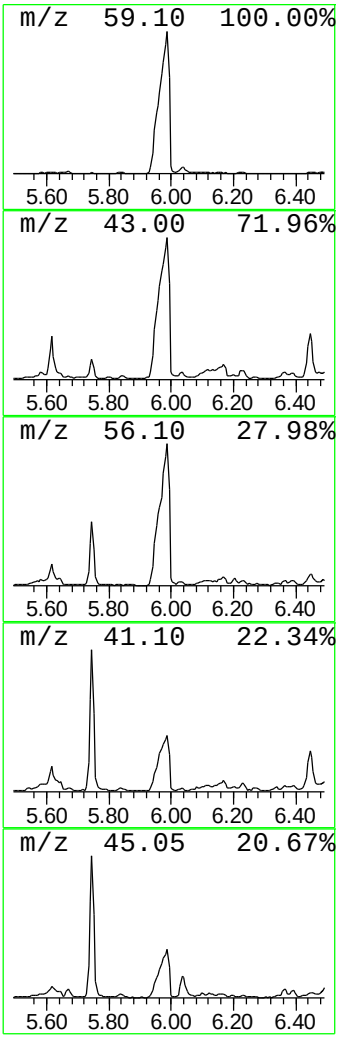
Peak Number 3 Hexylene glycol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	38.21 ng	1598550	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	83
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50
4	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	50
5	tert-Butyl carbamate	117	C5H11NO2	004248-19-5	40





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Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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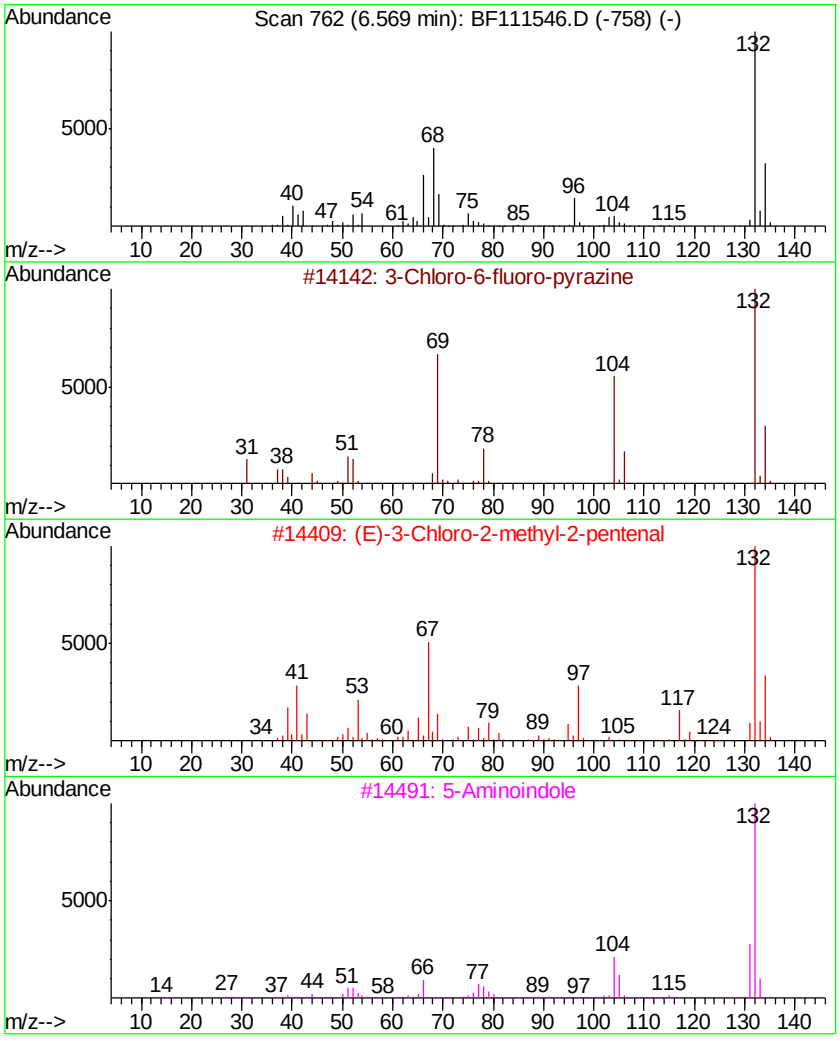
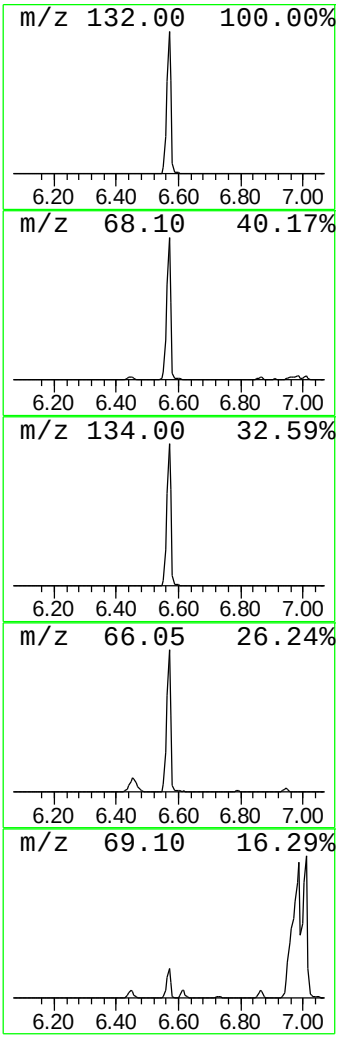
Peak Number 4 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	92.29 ng	3860810	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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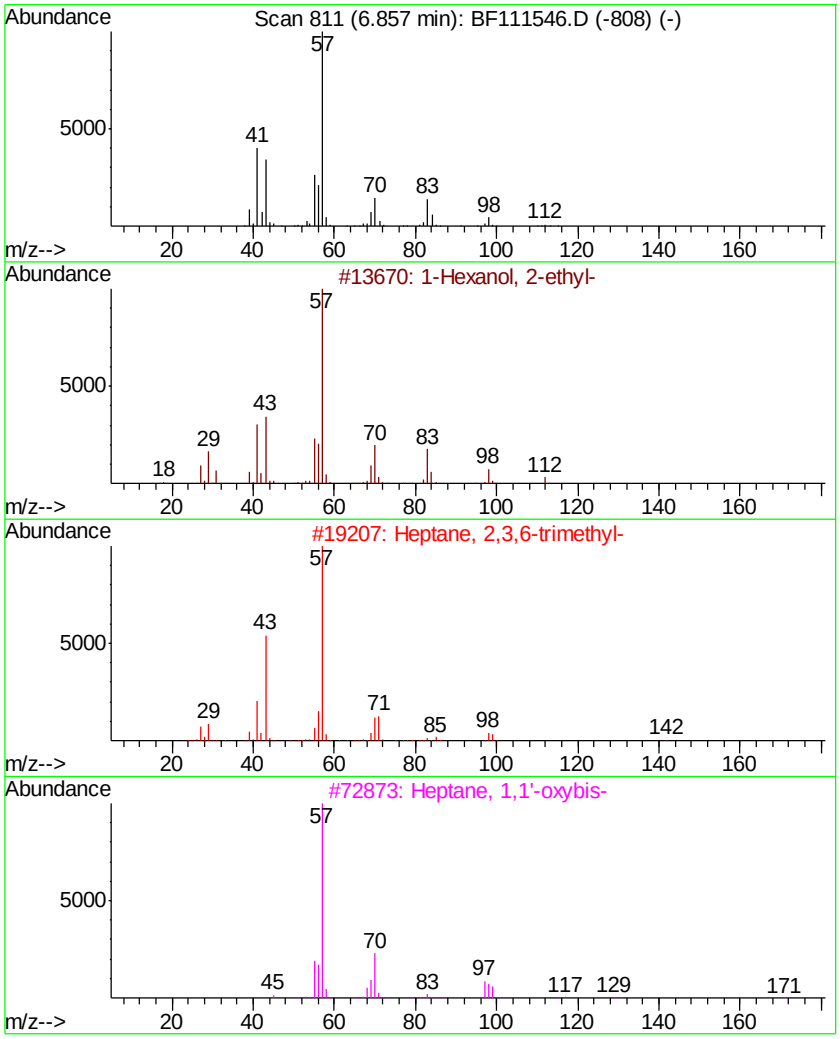
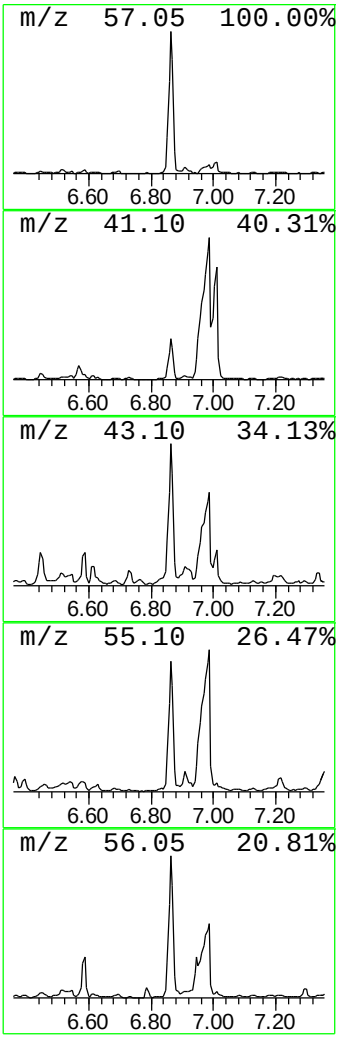
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	48.49 ng	2028420	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	64
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56





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Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

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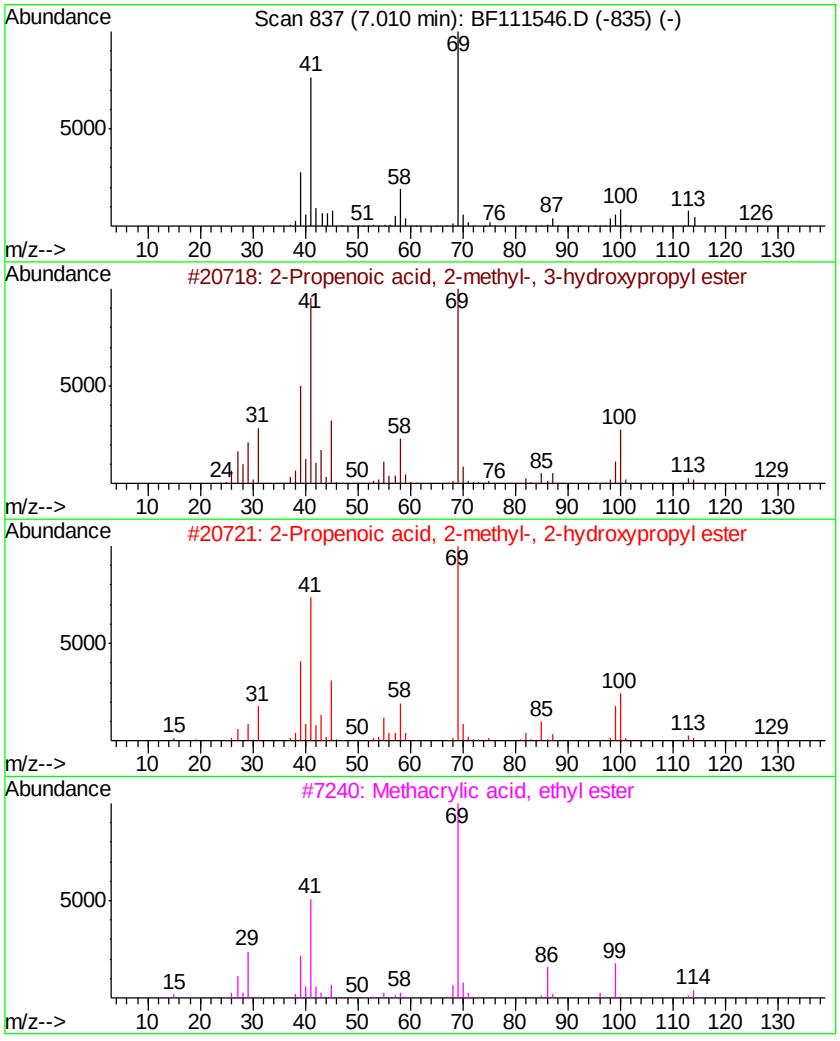
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

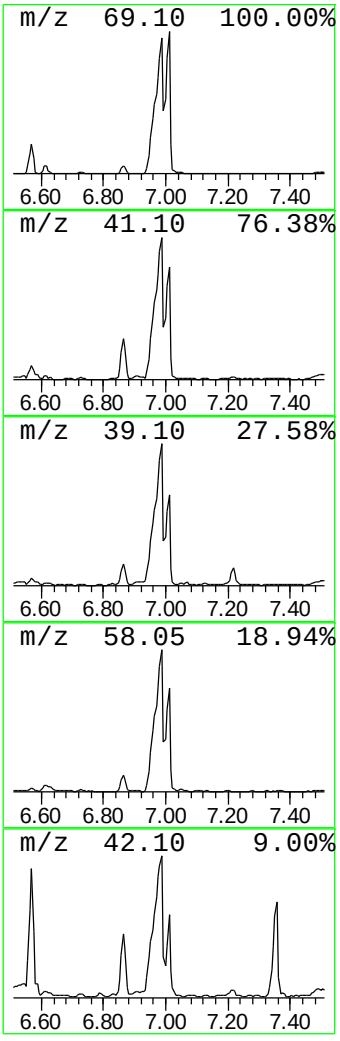
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Propenoic acid, 2-methyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	48.55 ng	2030950	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 3-h...	144	C7H12O3	002761-09-3	78
2	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	64
3	Methacrylic acid, ethyl ester	114	C6H10O2	000097-63-2	42
4	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	40
5	Cyclopropanecarboxylic acid, met...	100	C5H8O2	002868-37-3	39





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

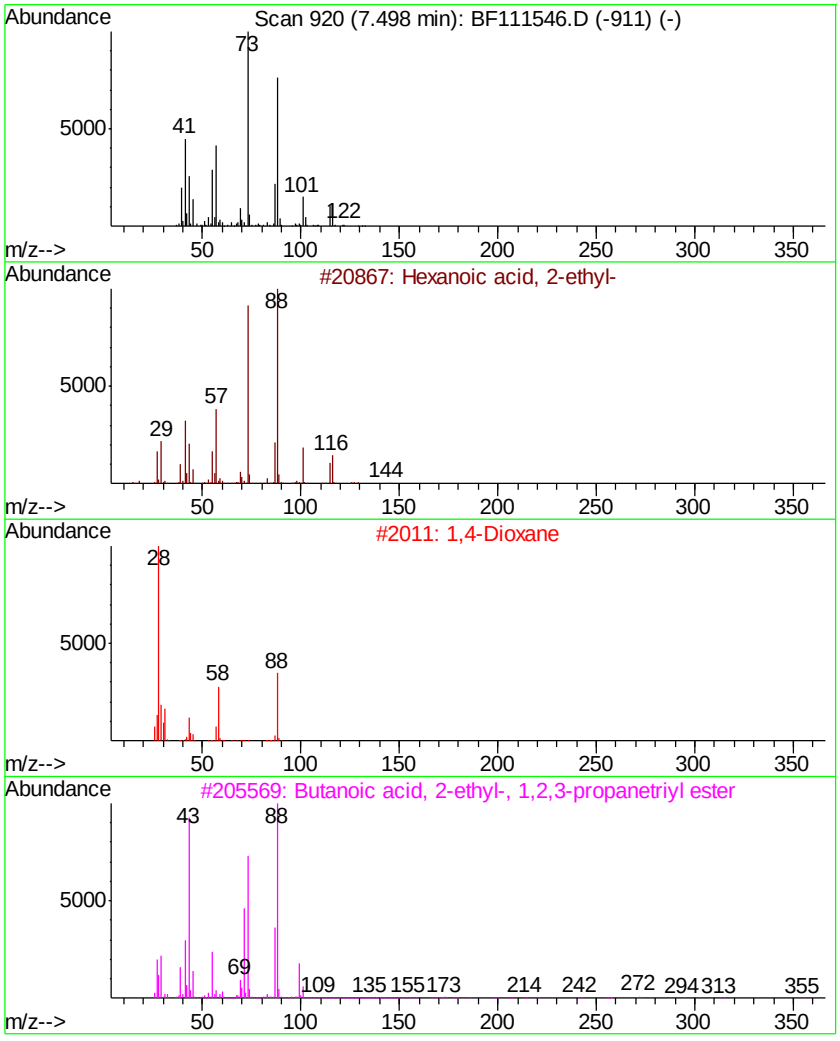
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

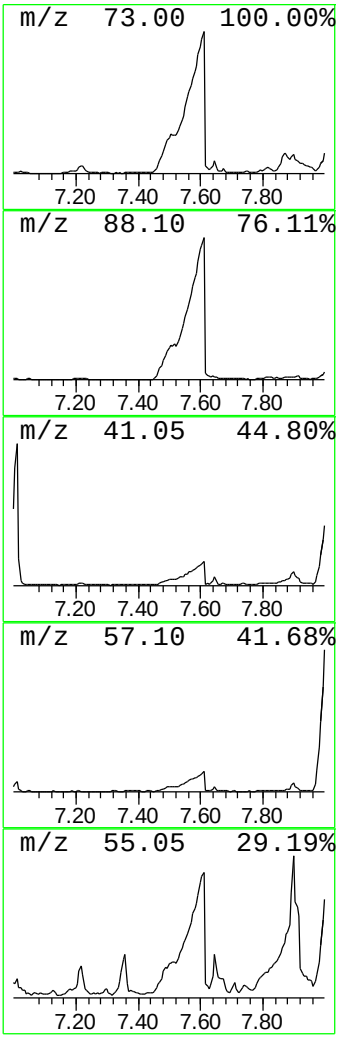
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	17.68 ng	779436	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	1,4-Dioxane	88	C4H8O2	000123-91-1	47
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	38
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	36





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

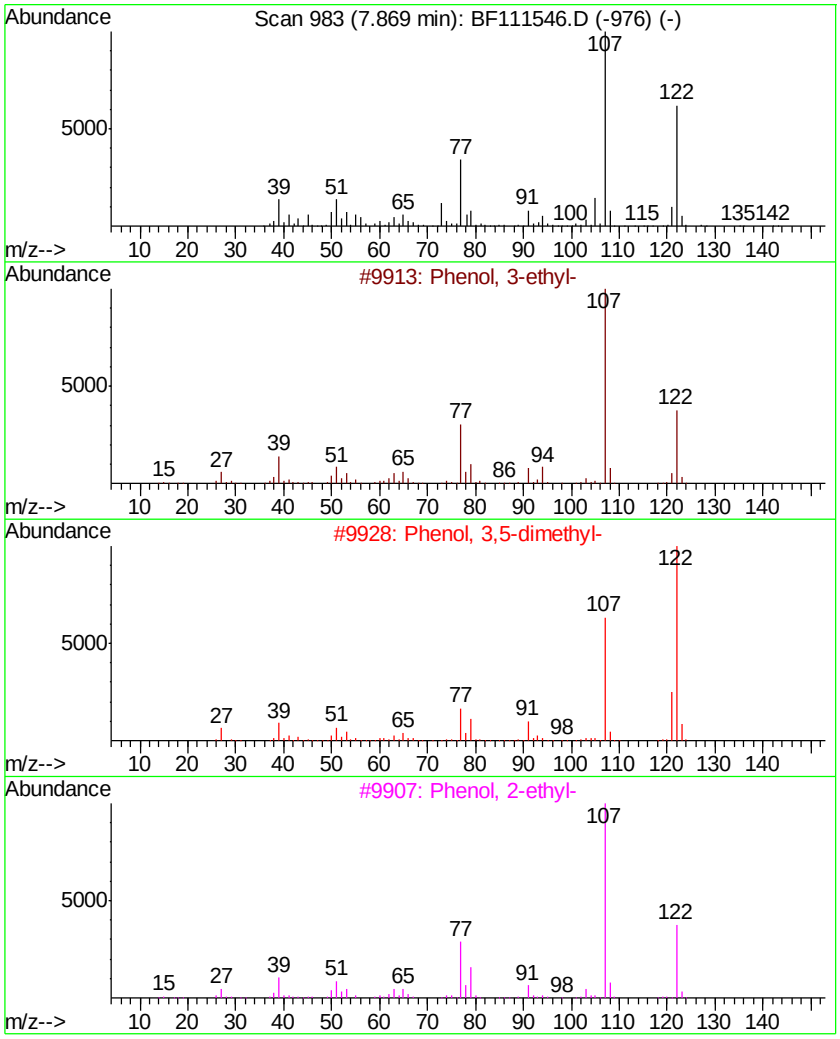
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

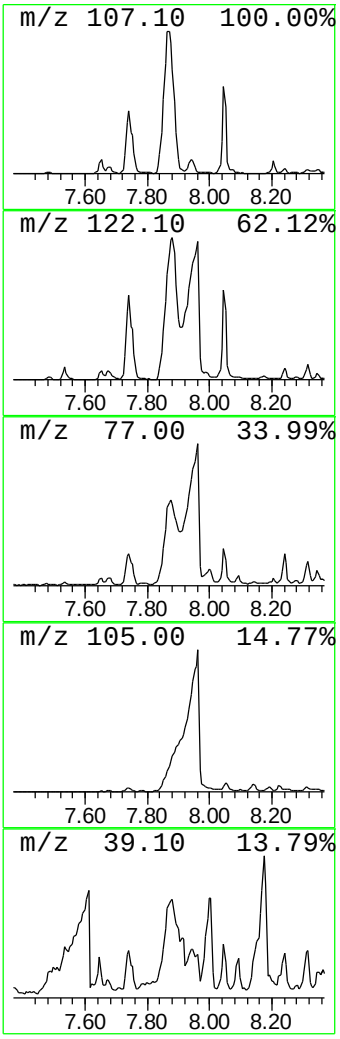
****

Peak Number 9 Phenol, 3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	47.25 ng	2082870	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	70
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	64





Library Search Compound Report

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Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

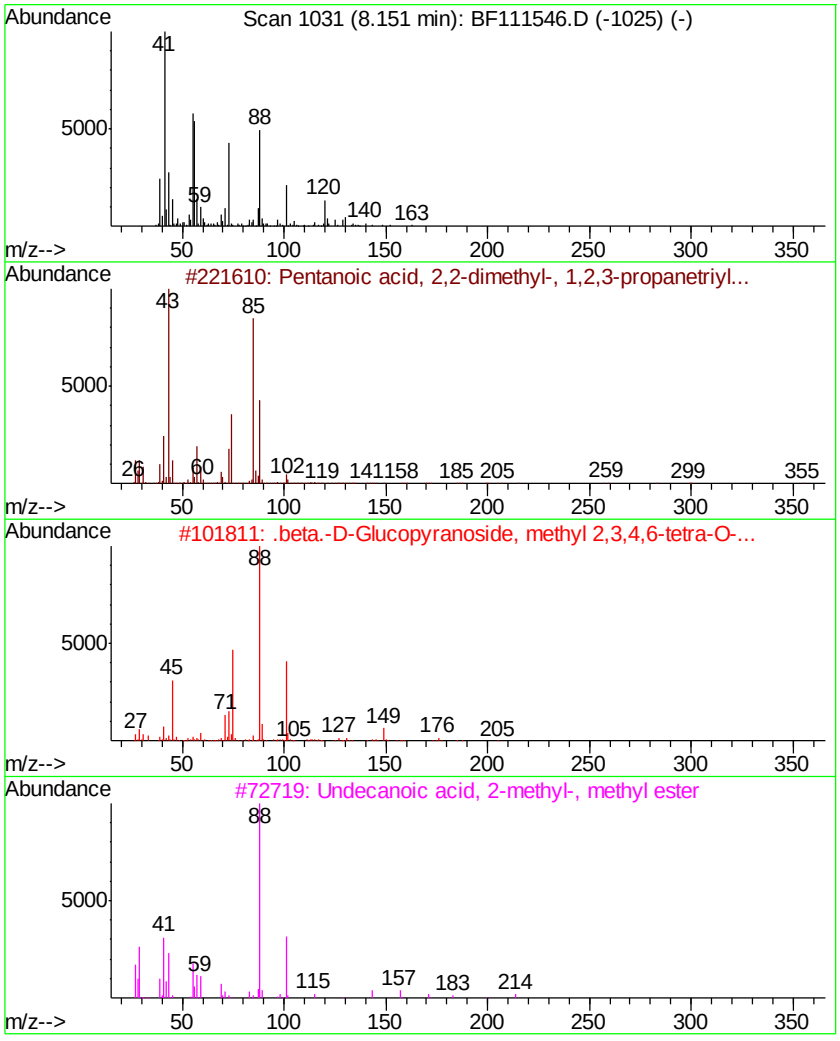
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

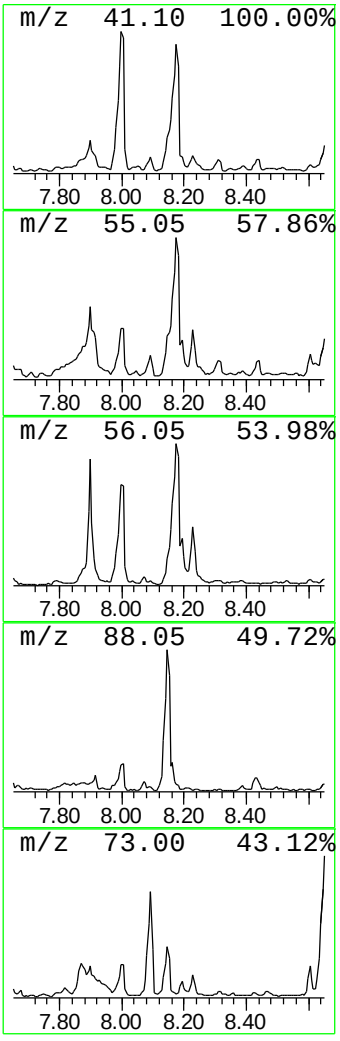
****

Peak Number 10 Pentanoic acid, 2,2-dimethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	16.44 ng	724868	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,2-dimethyl-, 1...	428	C24H44O6	057346-62-0	50
2	.beta.-D-Glucopyranoside, methyl...	250	C11H22O6	003149-65-3	47
3	Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	43
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	43
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	43





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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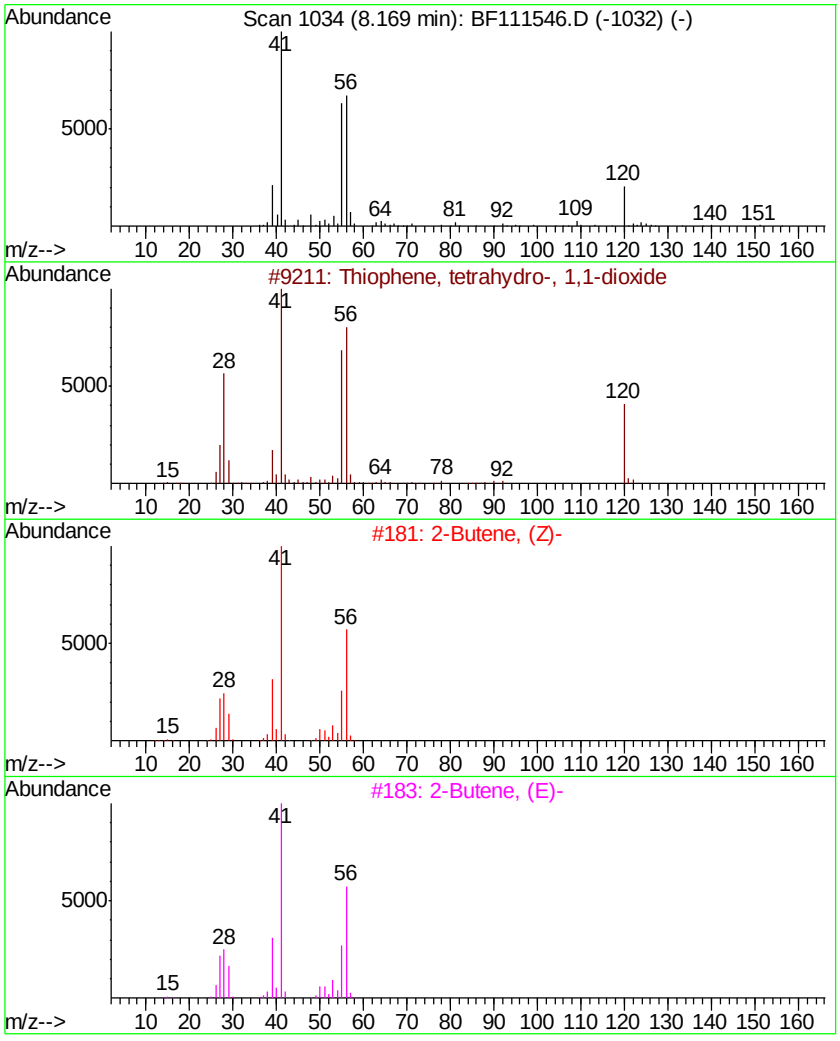
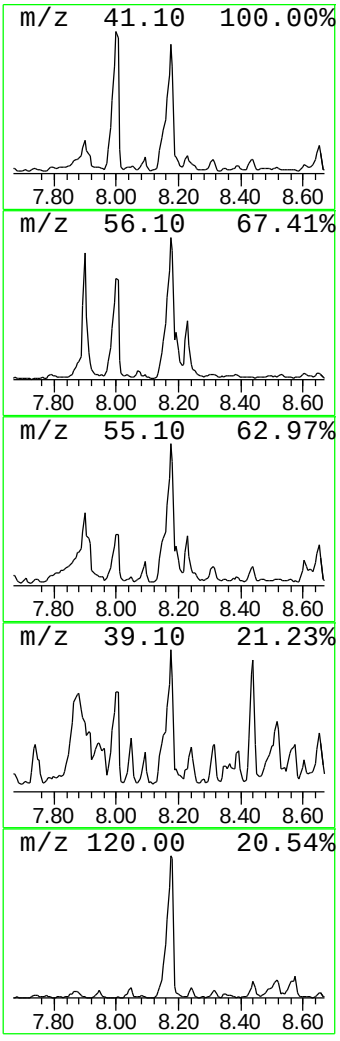
Peak Number 11 Thiophene, tetrahydro-, 1,1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	16.60 ng	731805	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	50
2	2-Butene, (Z)-	56	C4H8	000590-18-1	38
3	2-Butene, (E)-	56	C4H8	000624-64-6	37
4	Cyclobutane	56	C4H8	000287-23-0	37
5	2-Heptene	98	C7H14	000592-77-8	32





Library Search Compound Report

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ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

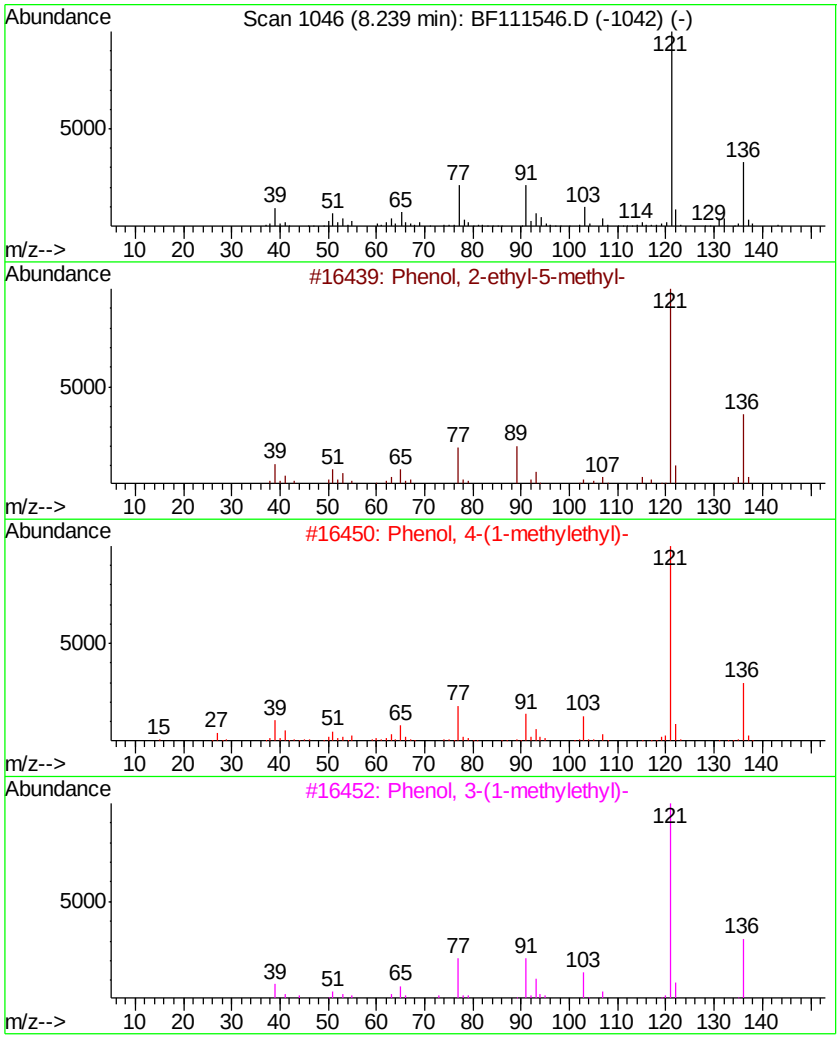
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

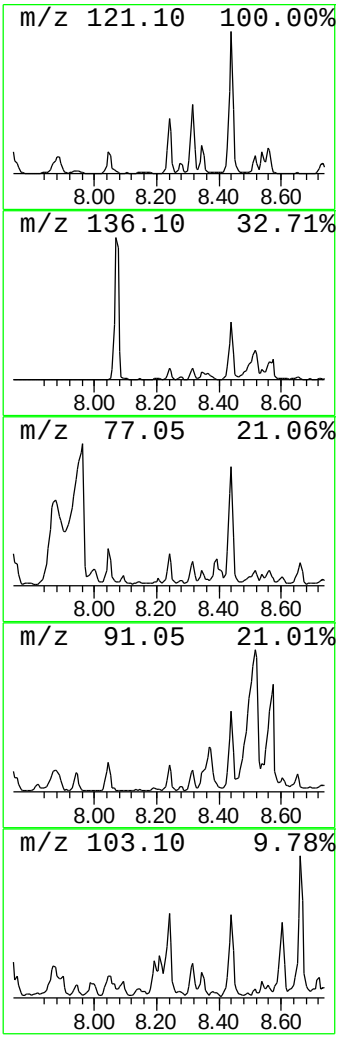
****

Peak Number 12 Phenol, 2-ethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	15.85 ng	698563	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	83
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	80





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Sample : J6438-09
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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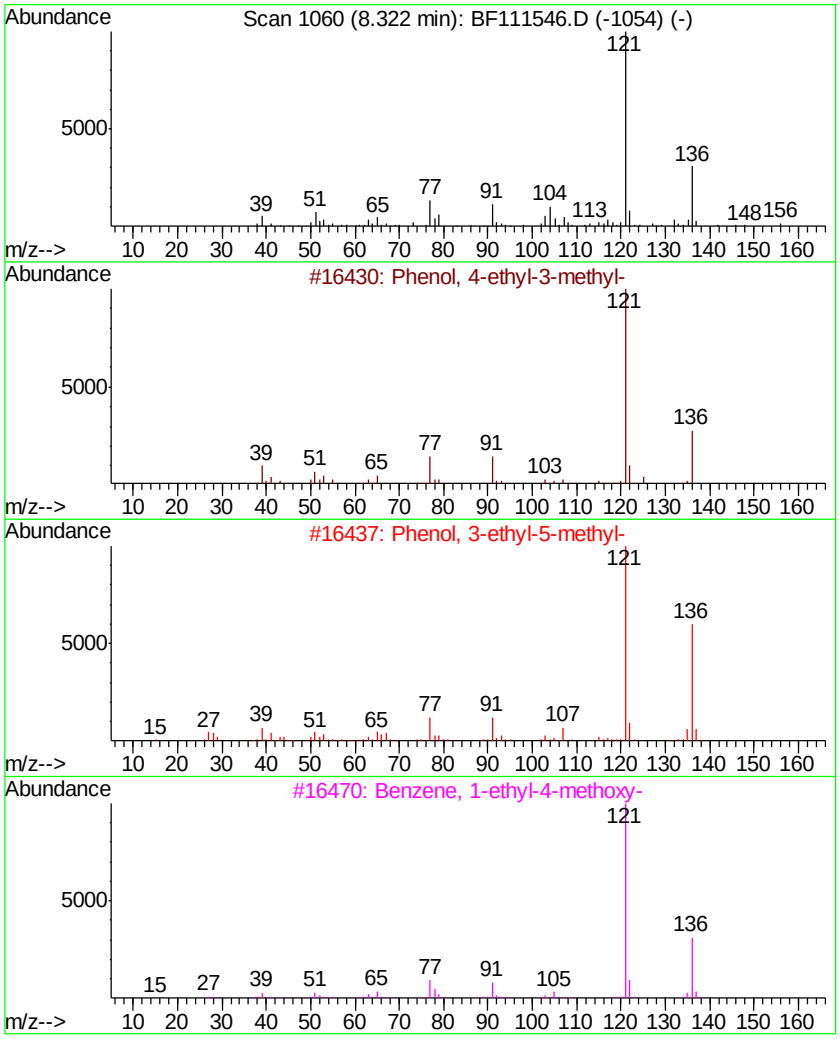
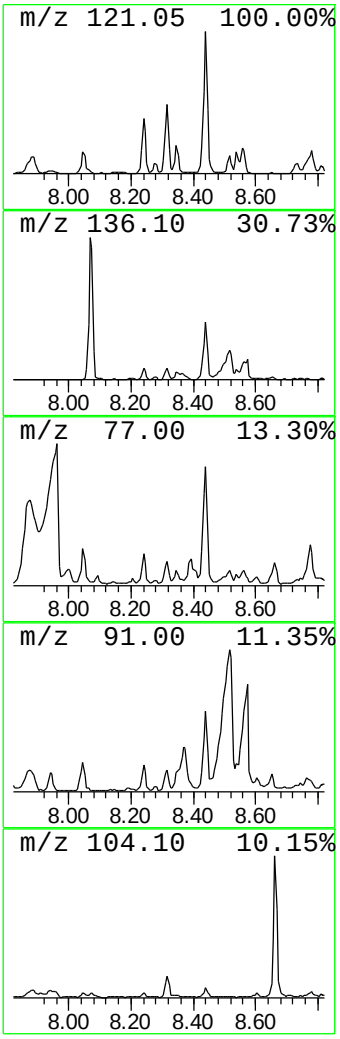
Peak Number 13 Phenol, 4-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	14.20 ng	625769	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	94
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	81
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	81
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	68





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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

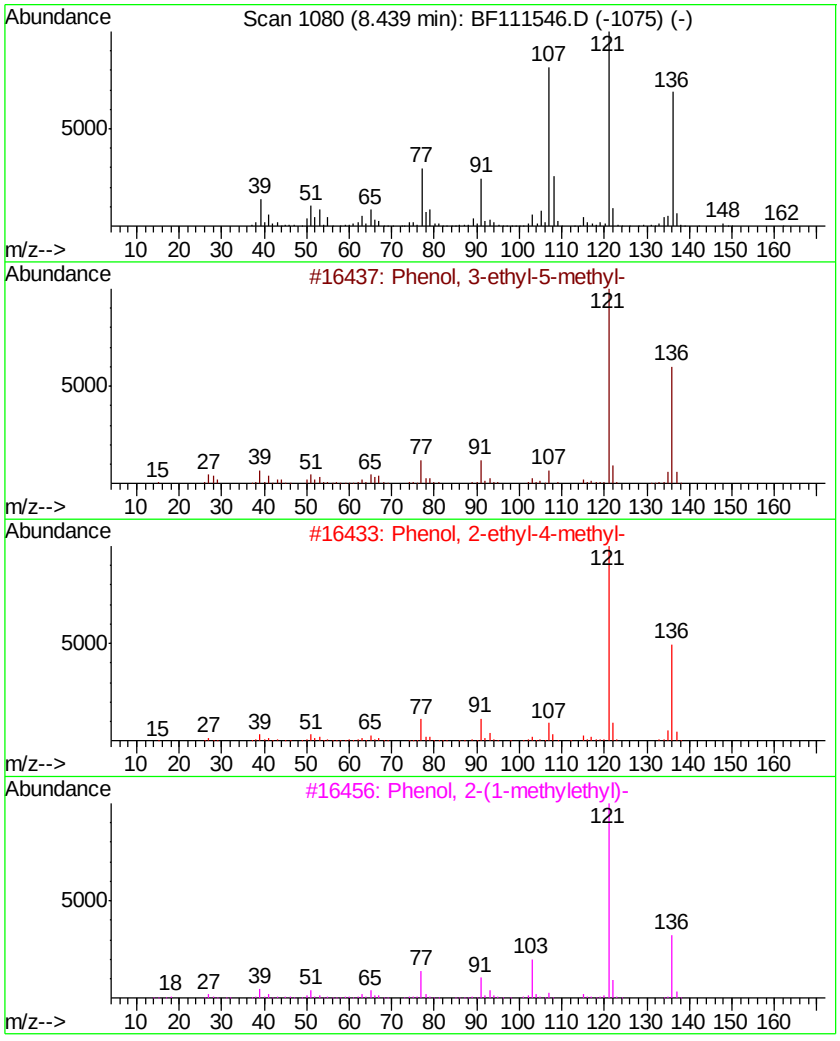
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

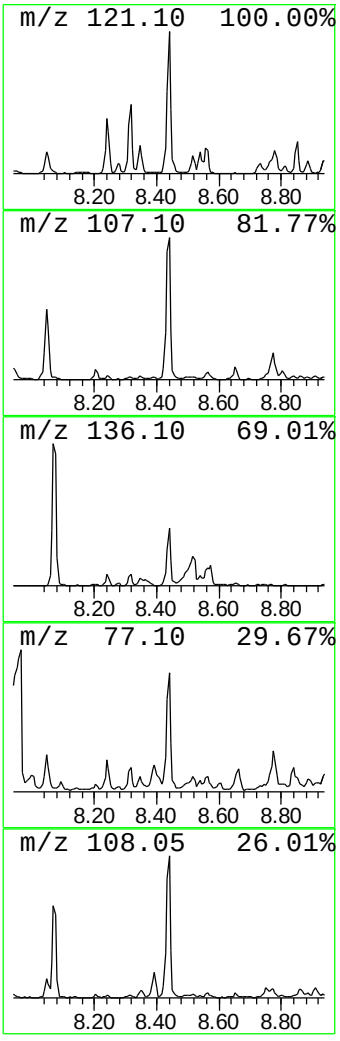
****

Peak Number 14 Phenol, 3-ethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	39.78 ng	1753480	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	60
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	58
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	55
4	5-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	023942-00-9	50
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	49





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ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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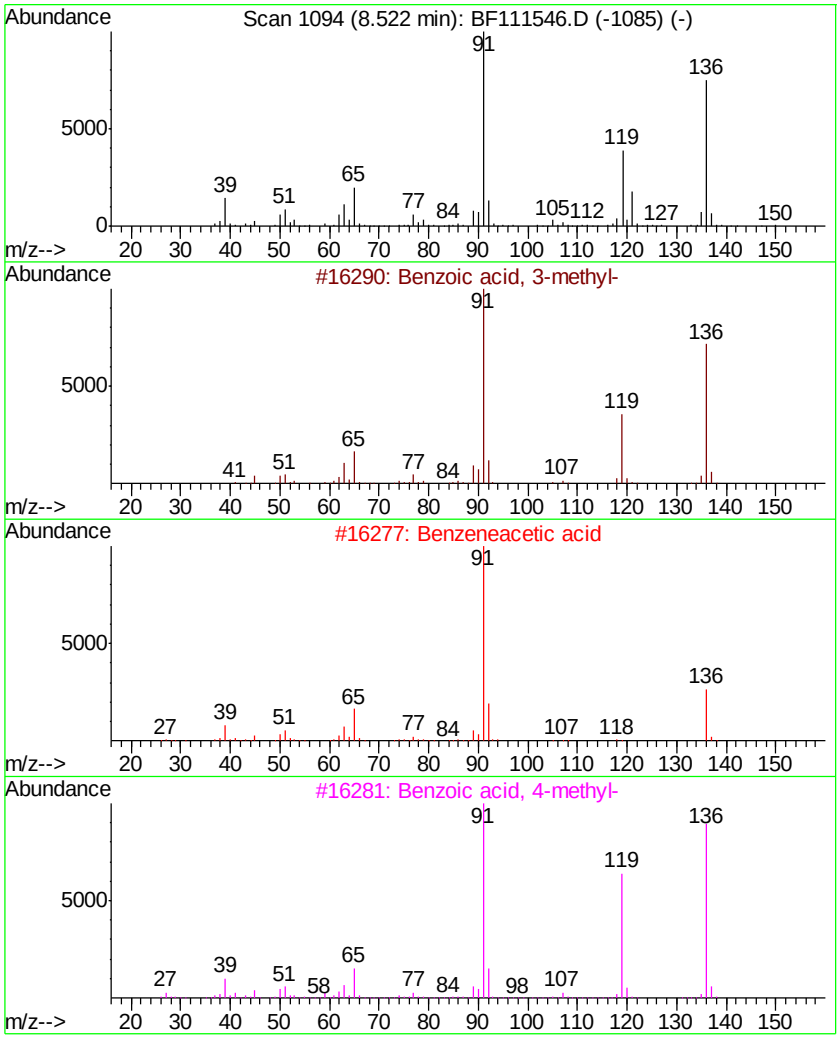
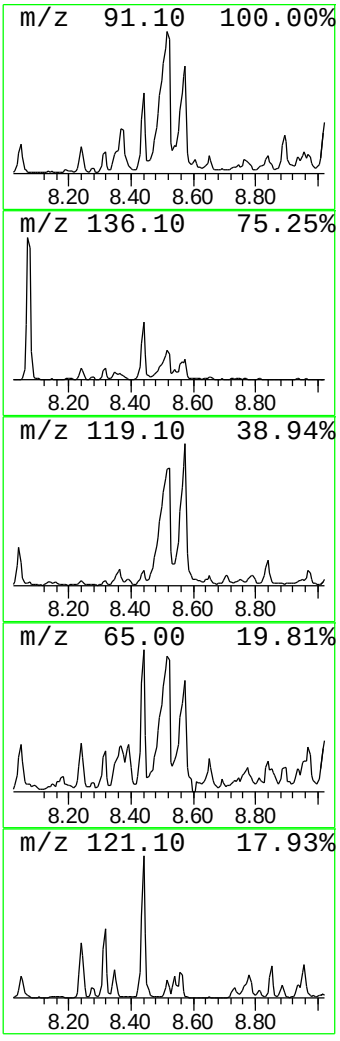
Peak Number 15 Benzoic acid, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	21.73 ng	958015	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	97
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	76
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	64
4	1,2-Benzenediamine, N,N-dimethyl-	136	C8H12N2	002836-03-5	64
5	1,4-Dithiane-1-oxide	136	C4H8OS2	019087-70-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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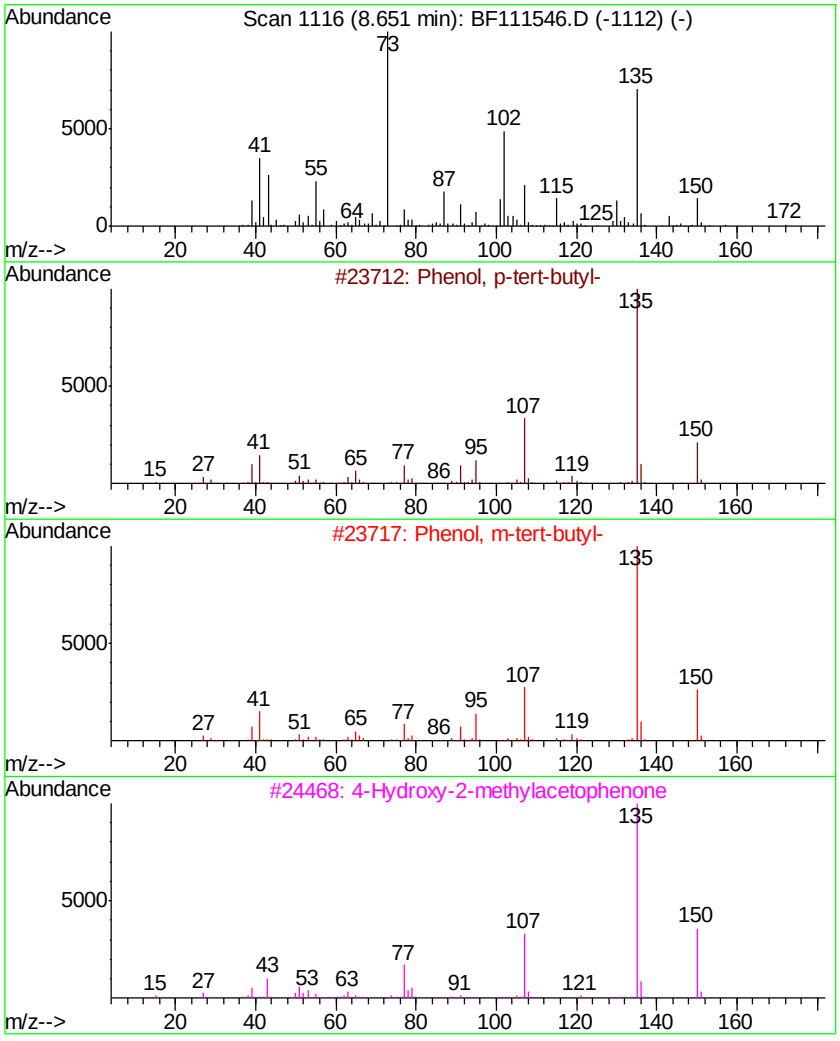
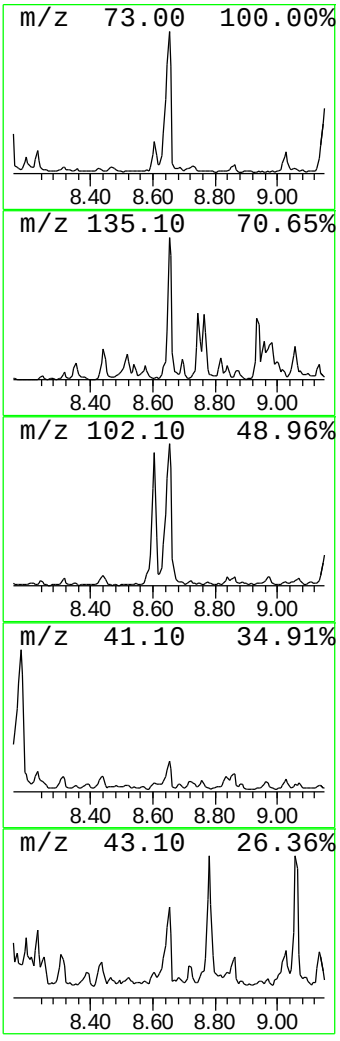
Peak Number 16 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	24.43 ng	1077170	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	89
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	46
3	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	38
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	25
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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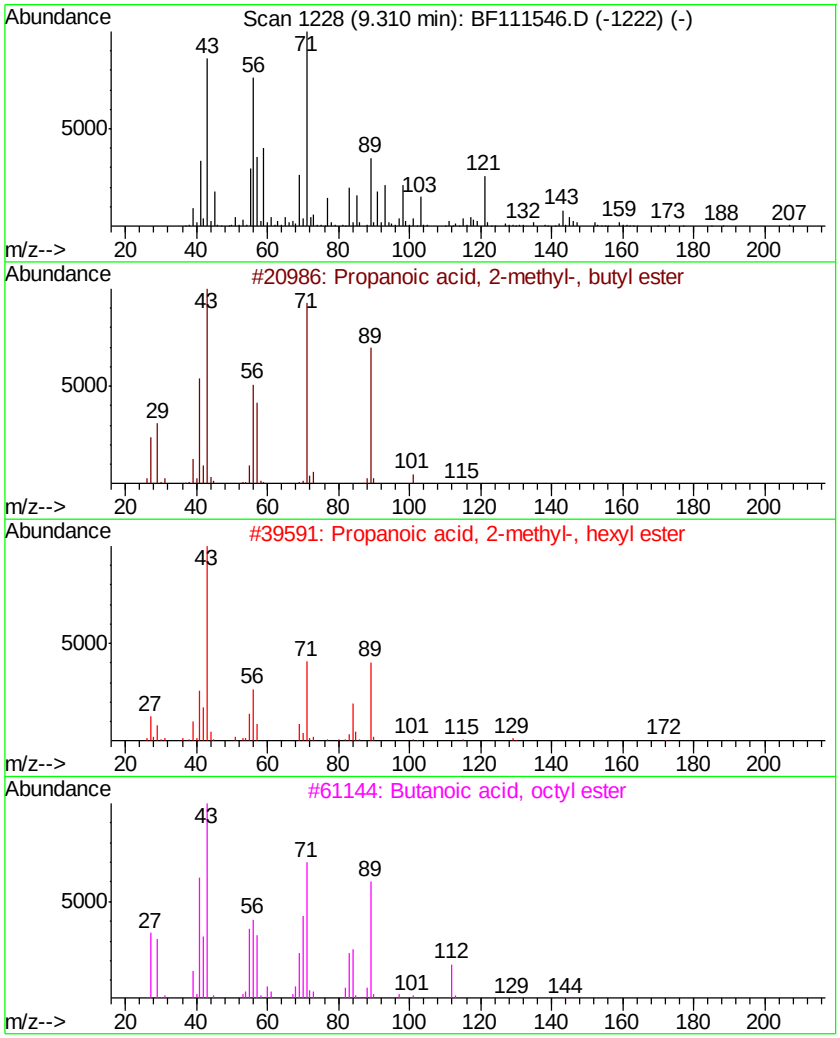
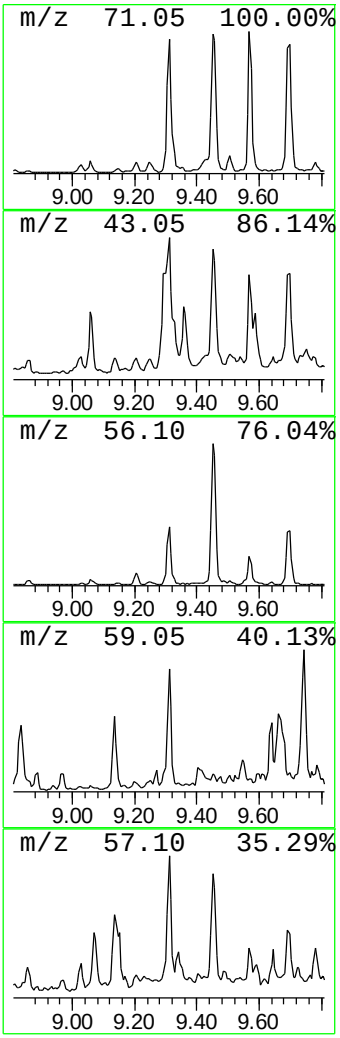
Peak Number 17 unknown9.31 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	22.17 ng	1988460	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	47
2	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	47
3	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	38
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	35
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	27





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Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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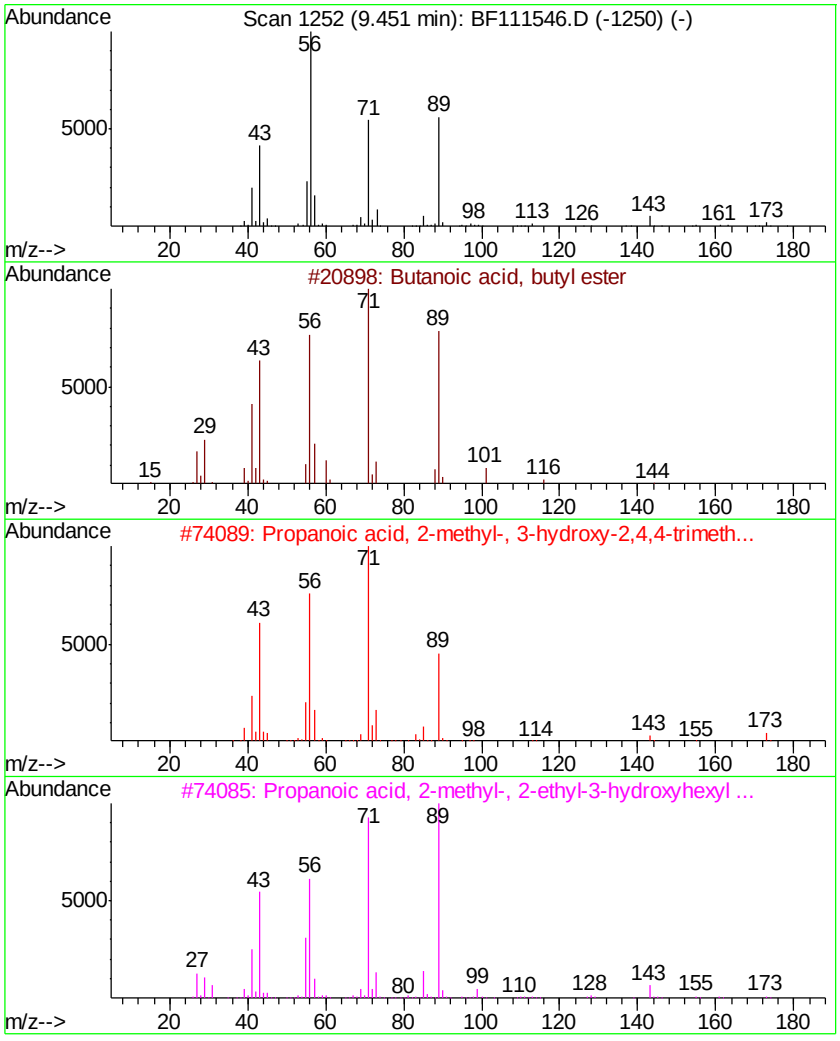
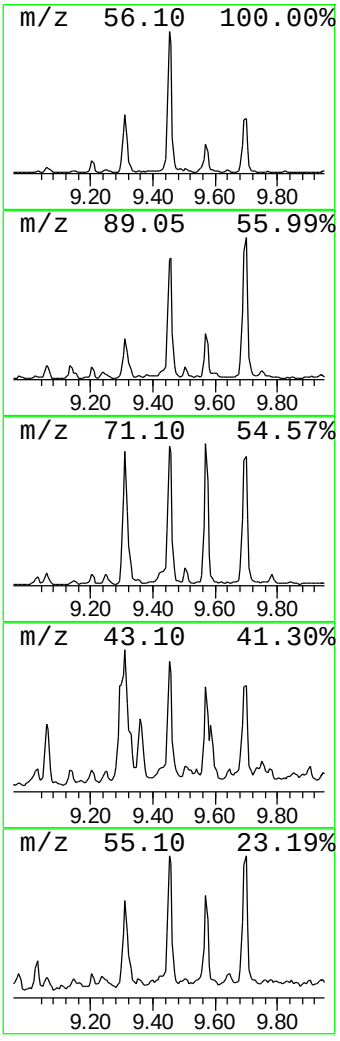
Peak Number 18 Butanoic acid, butyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	13.87 ng	1243840	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	53
2	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	42
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	38
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	28
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	25





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Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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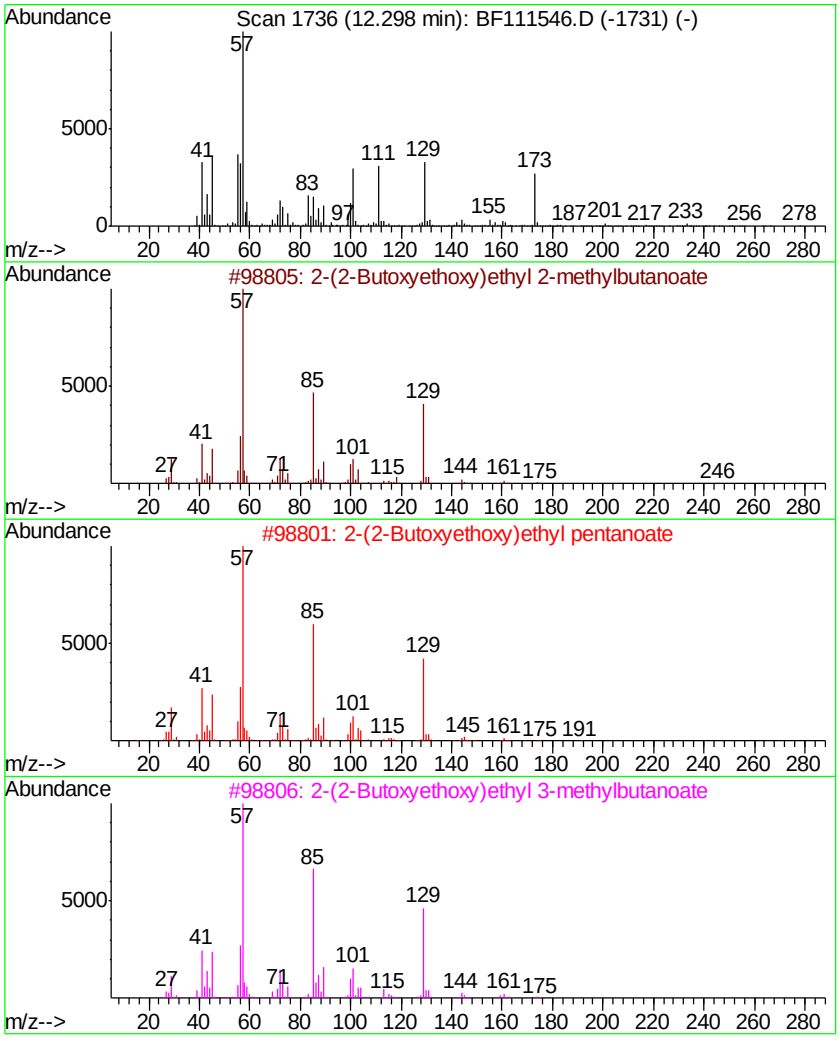
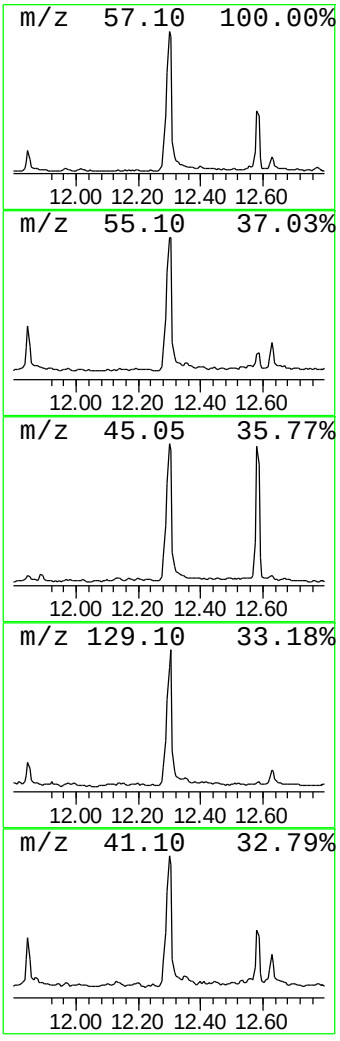
Peak Number 19 unknown12.30 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	30.23 ng	2906630	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)ethyl 2-methyl...	246	C13H26O4	1000366-96-6	38
2	2-(2-Butoxyethoxy)ethyl pentanoate	246	C13H26O4	1000367-00-4	25
3	2-(2-Butoxyethoxy)ethyl 3-methyl...	246	C13H26O4	1000367-04-5	25
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	22
5	2-(2-(2-Butoxyethoxy)ethoxy)ethy...	290	C15H30O5	1000366-97-3	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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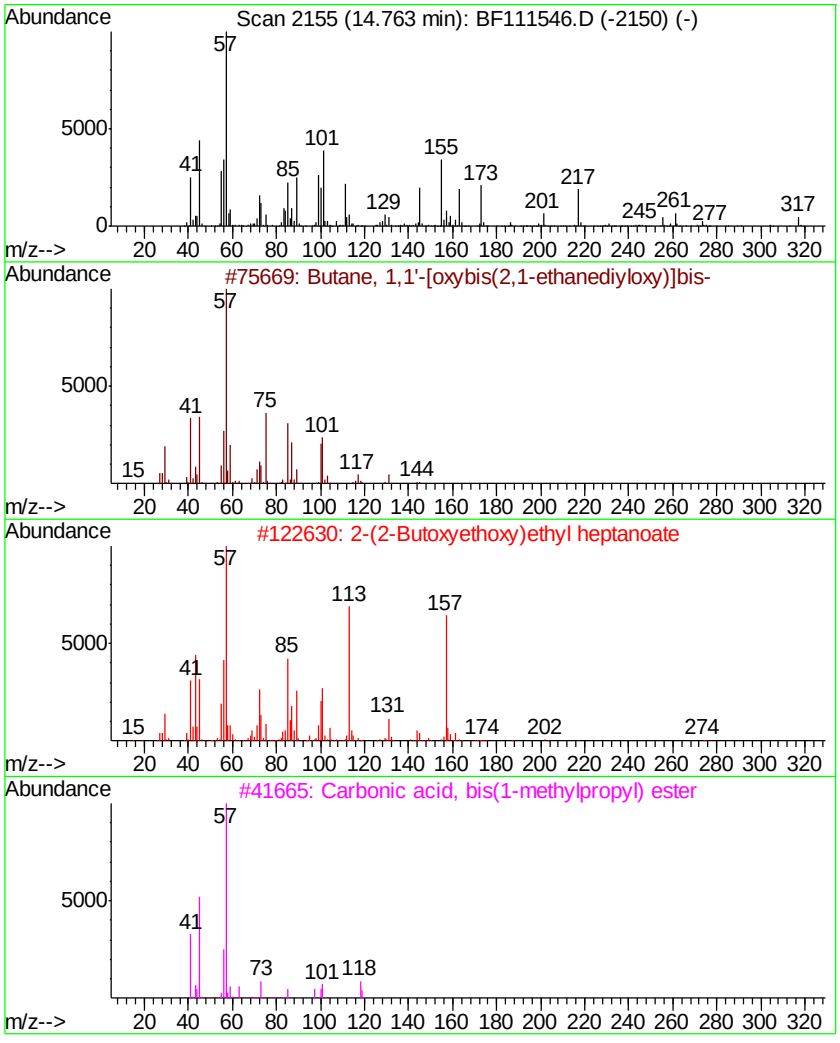
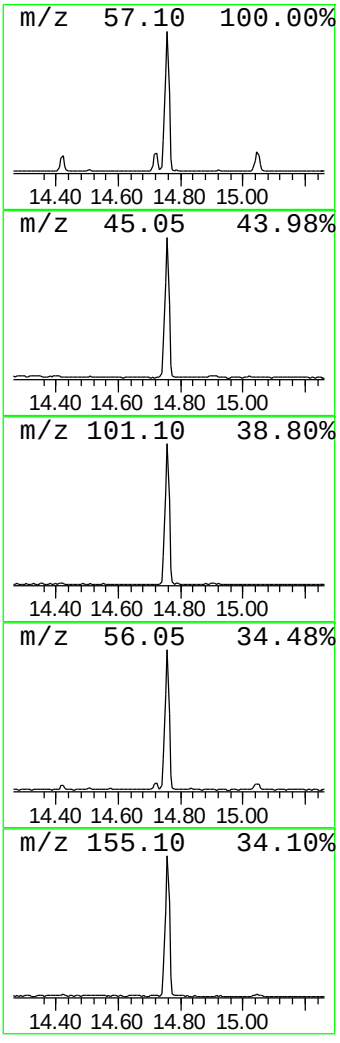
Peak Number 20 unknown14.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	41.63 ng	2480040	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	25
2	2-(2-Butoxyethoxy)ethyl heptanoate	274	C15H30O4	1000367-04-4	15
3	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	14
4	Succinic acid, di(2-butoxyethyl)...	318	C16H30O6	1000325-84-7	12
5	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.62	5.62	15.9	ng	665143	1	6.79	836696	20.0
Ethylene glycol m...	5.75	18.7	ng	783910	1	6.79	836696	20.0
Hexylene glycol	5.99	38.2	ng	1598550	1	6.79	836696	20.0
unknown6.57	6.57	92.3	ng	3860810	1	6.79	836696	20.0
1-Hexanol, 2-ethyl-	6.86	48.5	ng	2028420	1	6.79	836696	20.0
2-Propenoic acid,...	7.01	48.5	ng	2030950	1	6.79	836696	20.0
Hexanoic acid, 2-...	7.50	17.7	ng	779436	2	8.07	881675	20.0
Phenol, 3-ethyl-	7.87	47.3	ng	2082870	2	8.07	881675	20.0
Pentanoic acid, 2...	8.15	16.4	ng	724868	2	8.07	881675	20.0
Thiophene, tetrah...	8.17	16.6	ng	731805	2	8.07	881675	20.0
Phenol, 2-ethyl-5...	8.24	15.9	ng	698563	2	8.07	881675	20.0
Phenol, 4-ethyl-3...	8.32	14.2	ng	625769	2	8.07	881675	20.0
Phenol, 3-ethyl-5...	8.44	39.8	ng	1753480	2	8.07	881675	20.0
Benzoic acid, 3-m...	8.52	21.7	ng	958015	2	8.07	881675	20.0
Phenol, p-tert-bu...	8.65	24.4	ng	1077170	2	8.07	881675	20.0
unknown9.31	9.31	22.2	ng	1988460	3	9.83	1793880	20.0
Butanoic acid, bu...	9.45	13.9	ng	1243840	3	9.83	1793880	20.0
unknown12.30	12.30	30.2	ng	2906630	4	11.31	1923330	20.0
unknown14.76	14.76	41.6	ng	2480040	6	15.39	1191350	20.0