LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002179.D
Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	46	51	59	rVB	166192	227491	4.46%	0.691%
2	3.881	164	169	174	rVB	12220	18959	0.37%	0.058%
3	3.958	177	182	185	rVV	39401	51593	1.01%	0.157%
4	3.993	186	188	191	rVB3	8241	9066	0.18%	0.028%
5	4.305	235	241	246	rBV	51737	78831	1.54%	0.239%
6	4.981	352	356	360	rVB	9490	14629	0.29%	0.044%
7	5.299	406	410	419	rVB3	8230	15944	0.31%	0.048%
8	5.587	454	459	466	rBV9	3621	6796	0.13%	0.021%
9	5.670	469	473	480	rVB2	6145	9762	0.19%	0.030%
10	5.922	509	516	520	rBV	9129	13490	0.26%	0.041%
11	6.581	625	628	634	rBV5	5867	11471	0.22%	0.035%
12	6.817	661	668	679	rBV3	17581	47148	0.92%	0.143%
13	6.969	688	694	701	rBV	53327	86131	1.69%	0.262%
14	7.081	709	713	721	rVB5	7271	10890	0.21%	0.033%
15	7.164	721	727	736	rBV	54829	96124	1.88%	0.292%
16	7.293	745	749	757	rVB	4972	8508	0.17%	0.026%
17	7.375	757	763	771	rVB10	5921	13124	0.26%	0.040%
18	7.628	798	806	813	rBV	951951	1522722	29.83%	4.626%
19	7.693	813	817	823	rVB6	10625	21829	0.43%	0.066%
20	7.999	863	869	875	rVB2	8274	14785	0.29%	0.045%
21	8.340	919	927	934	rBV3	46096	80515	1.58%	0.245%
22	8.405	934	938	942	rVB6	4971	8724	0.17%	0.027%
23	8.534	951	960	964	rBV3	10658	24627	0.48%	0.075%
24	8.599	964	971	988	rBV	1877945	3025049	59.26%	9.189%
25	8.722	988	992	996	rVV2	25937	44338	0.87%	0.135%
26	8.769	996	1000	1009	rVB2	50435	95436	1.87%	0.290%
27	8.975	1030	1035	1041	rVB7	9562	17836	0.35%	0.054%
28	9.128	1055	1061	1066	rBV3	18879	34642	0.68%	0.105%
29	9.181	1067	1070	1075	rVV7	5873	8325	0.16%	0.025%
30	9.240	1075	1080	1088	rVV3	12893	28730	0.56%	0.087%
31	9.428	1110	1112	1117	rVB3	4807	6740	0.13%	0.020%
32	9.493	1117	1123	1136	rVB2	38809	86524	1.69%	0.263%
33	9.616	1136	1144	1148	rBV6	14591	30556	0.60%	0.093%
34	9.669	1148	1153	1158	rVV3	21933	35220	0.69%	0.107%

LSC Area Percent Report

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Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	9.822	1174	1179	1186	rVB4	14954	27477	0.54%	0.083%
36	9.899	1186	1192	1194	rBV7	5650	9981	0.20%	0.030%
37	9.952	1194	1201	1208	rVB2	38061	71863	1.41%	0.218%
38	10.034	1208	1215	1219	rBV	81377	157039	3.08%	0.477%
39	10.069	1219	1221	1231	rVB2	47446	85433	1.67%	0.260%
40	10.187	1235	1241	1244	rBV6	12467	21585	0.42%	0.066%
41	10.334	1260	1266	1267	rBV6	5779	9329	0.18%	0.028%
42	10.399	1270	1277	1284	rVV	1381033	2262380	44.32%	6.872%
43	10.458	1284	1287	1291	rVV5	16773	29425	0.58%	0.089%
44	10.540	1292	1301	1313	rVB2	73858	201223	3.94%	0.611%
45	10.669	1313	1323	1330	rBV2	8848	31901	0.62%	0.097%
46	10.840	1348	1352	1357	rBV7	4439	7353	0.14%	0.022%
47	10.969	1370	1374	1377	rBV6	7383	13169	0.26%	0.040%
48	11.240	1414	1420	1429	rVB6	8948	25444	0.50%	0.077%
49	11.369	1440	1442	1447	rVB5	6463	10029	0.20%	0.030%
50	11.440	1451	1454	1461	rBV9	5558	10099	0.20%	0.031%
51	11.605	1477	1482	1486	rVB2	10668	16164	0.32%	0.049%
52	11.757	1501	1508	1513	rBV	35131	60167	1.18%	0.183%
53	11.840	1520	1522	1526	rBV5	5147	8224	0.16%	0.025%
54	11.904	1526	1533	1542	rVV	543044	926720	18.15%	2.815%
55	11.975	1542	1545	1546	rVV3	16145	20700	0.41%	0.063%
56	12.010	1546	1551	1562	rVV	89904	175206	3.43%	0.532%
57	12.122	1566	1570	1574	rBV6	10393	16773	0.33%	0.051%
58	12.293	1595	1599	1605	rBV9	7663	13974	0.27%	0.042%
59	12.410	1615	1619	1625	rVB2	16947	27331	0.54%	0.083%
60	12.504	1632	1635	1641	rVB7	9006	12759	0.25%	0.039%
61	12.793	1680	1684	1688	rBV7	5397	10169	0.20%	0.031%
62	12.975	1709	1715	1724	rBV7	11034	29996	0.59%	0.091%
63	13.069	1724	1731	1735	rVV9	10947	27087	0.53%	0.082%
64	13.116	1735	1739	1746	rVB4	15791	27715	0.54%	0.084%
65	13.181	1746	1750	1757	rBV3	22449	38043	0.75%	0.116%
66	13.299	1766	1770	1777	rBV7	15454	32240	0.63%	0.098%
67	13.622	1823	1825	1829	rBV5	4857	7123	0.14%	0.022%
68	13.675	1829	1834	1839	rVV	182698	262539	5.14%	0.798%
69	13.728	1839	1843	1848	rVB	40993	57795	1.13%	0.176%
70	13.822	1855	1859	1863	rBV6	8846	13411	0.26%	0.041%
71	13.951	1875	1881	1890	rBV	191762	314329	6.16%	0.955%

LSC Area Percent Report

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Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	14.093	1898	1905	1916	rBV4	28175	97741	1.91%	0.297%
73	14.187	1916	1921	1927	rVV2	51965	79869	1.56%	0.243%
74	14.263	1927	1934	1943	rVV	2252949	3312545	64.89%	10.063%
75	14.963	2048	2053	2057	rBV	38797	61300	1.20%	0.186%
76	15.016	2059	2062	2072	rVB	27949	49530	0.97%	0.150%
77	15.263	2098	2104	2110	rVB	283081	404305	7.92%	1.228%
78	15.393	2122	2126	2128	rBV4	11444	15357	0.30%	0.047%
79	15.516	2144	2147	2151	rBV5	17714	26098	0.51%	0.079%
80	15.728	2180	2183	2186	rBV5	9459	12422	0.24%	0.038%
81	15.775	2186	2191	2201	rVB	362910	514138	10.07%	1.562%
82	15.940	2215	2219	2226	rBV2	67419	123400	2.42%	0.375%
83	16.110	2245	2248	2254	rVB	19112	25448	0.50%	0.077%
84	16.169	2254	2258	2264	rBV4	12680	19603	0.38%	0.060%
85	16.287	2273	2278	2287	rBV	227062	328101	6.43%	0.997%
86	16.569	2322	2326	2332	rVB2	19737	30753	0.60%	0.093%
87	16.810	2363	2367	2368	rBV2	20006	25160	0.49%	0.076%
88	17.016	2396	2402	2413	rBV	2865480	3982801	78.02%	12.099%
89	17.116	2413	2419	2429	rVB	314754	452522	8.86%	1.375%
90	18.669	2680	2683	2691	rVB2	62958	90712	1.78%	0.276%
91	19.363	2796	2801	2807	rBV	443414	695979	13.63%	2.114%
92	19.410	2807	2809	2813	rVV	73817	94384	1.85%	0.287%
93	20.857	3052	3055	3059	rVB	59158	74378	1.46%	0.226%
94	21.110	3093	3098	3105	rVB	3781746	4765034	93.34%	14.475%
95	21.533	3166	3170	3173	rBV2	179721	338487	6.63%	1.028%
96	22.674	3361	3364	3371	rVB2	155860	242584	4.75%	0.737%
97	23.174	3444	3449	3455	rVV	268305	470703	9.22%	1.430%
98	23.245	3457	3461	3465	rVV	185997	320585	6.28%	0.974%
99	23.316	3466	3473	3487	rVB	2732852	5104919	100.00%	15.507%
100	23.886	3567	3570	3579	rVB	161771	281837	5.52%	0.856%

Sum of corrected areas: 32919445

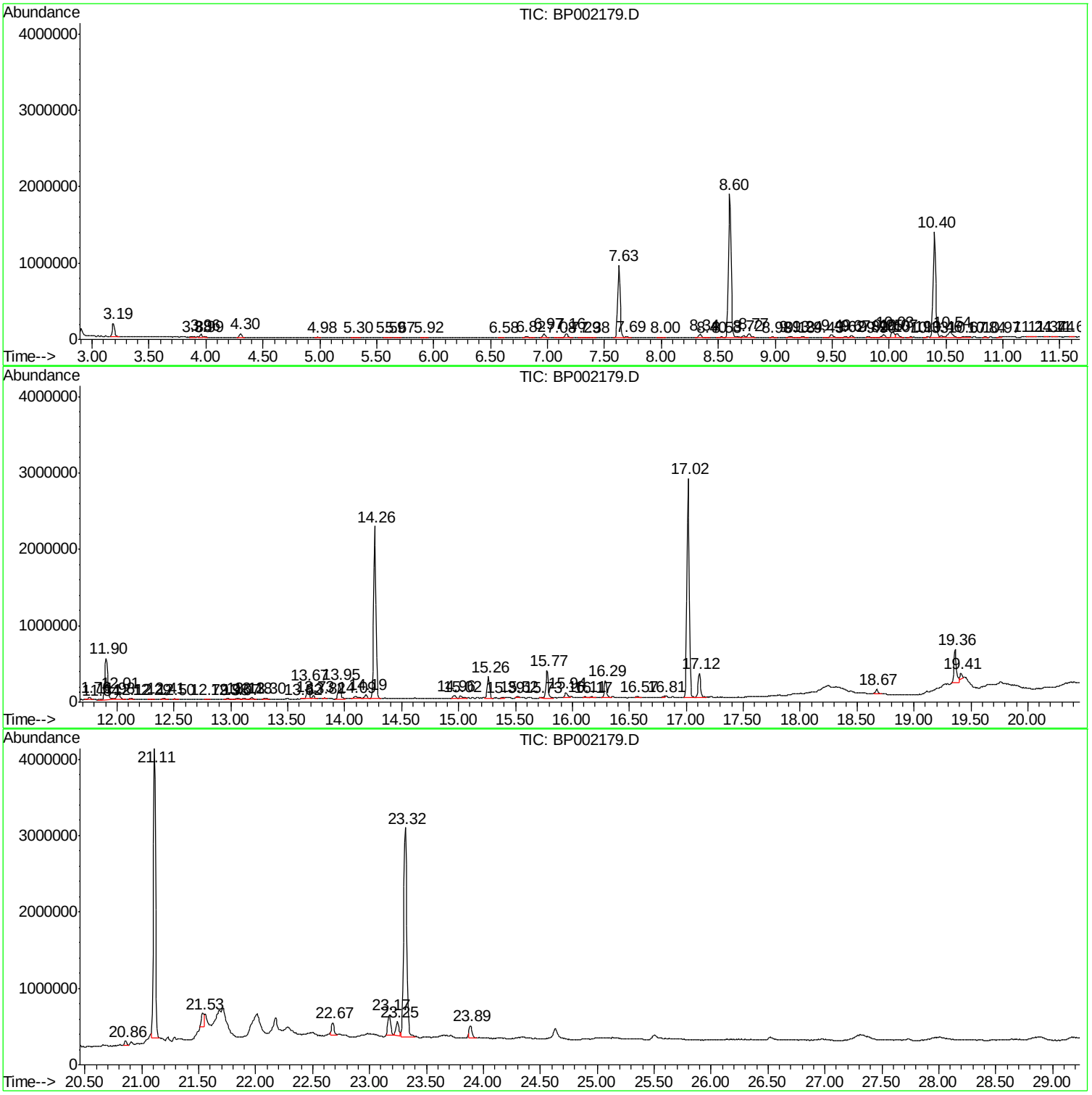
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002179.D
Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002179.D
Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

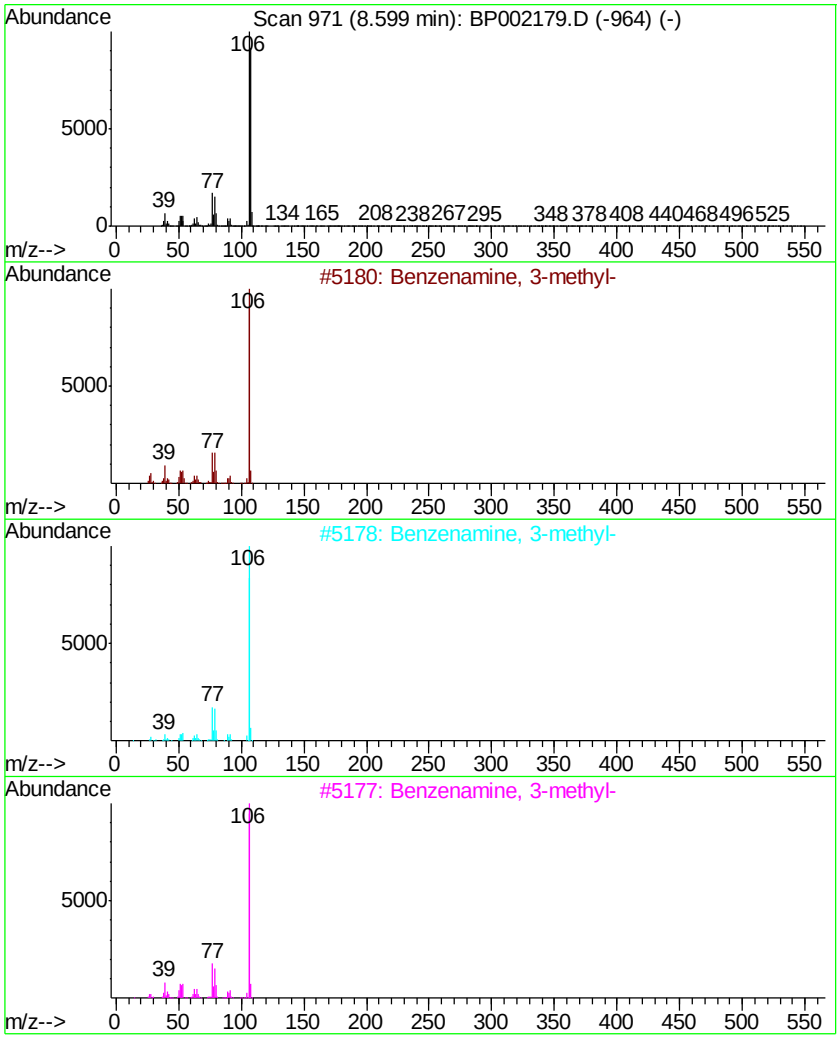
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

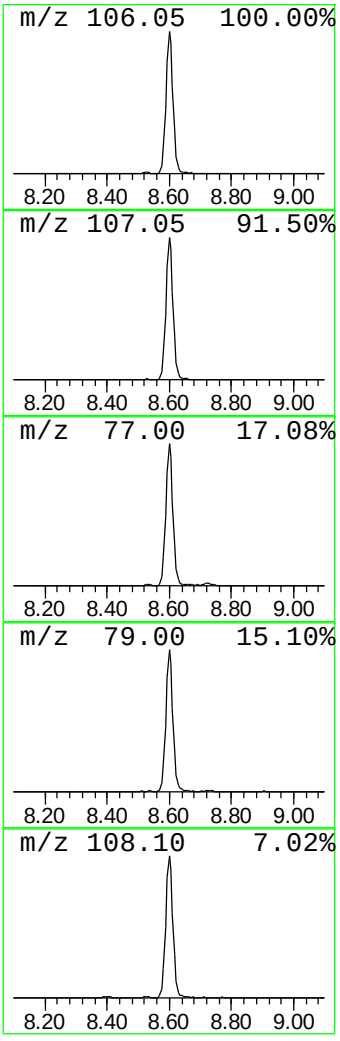
****

Peak Number 1 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	39.73 ng/ul	3025050	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
5	o-Toluidine	107	C7H9N	000095-53-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002179.D
Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

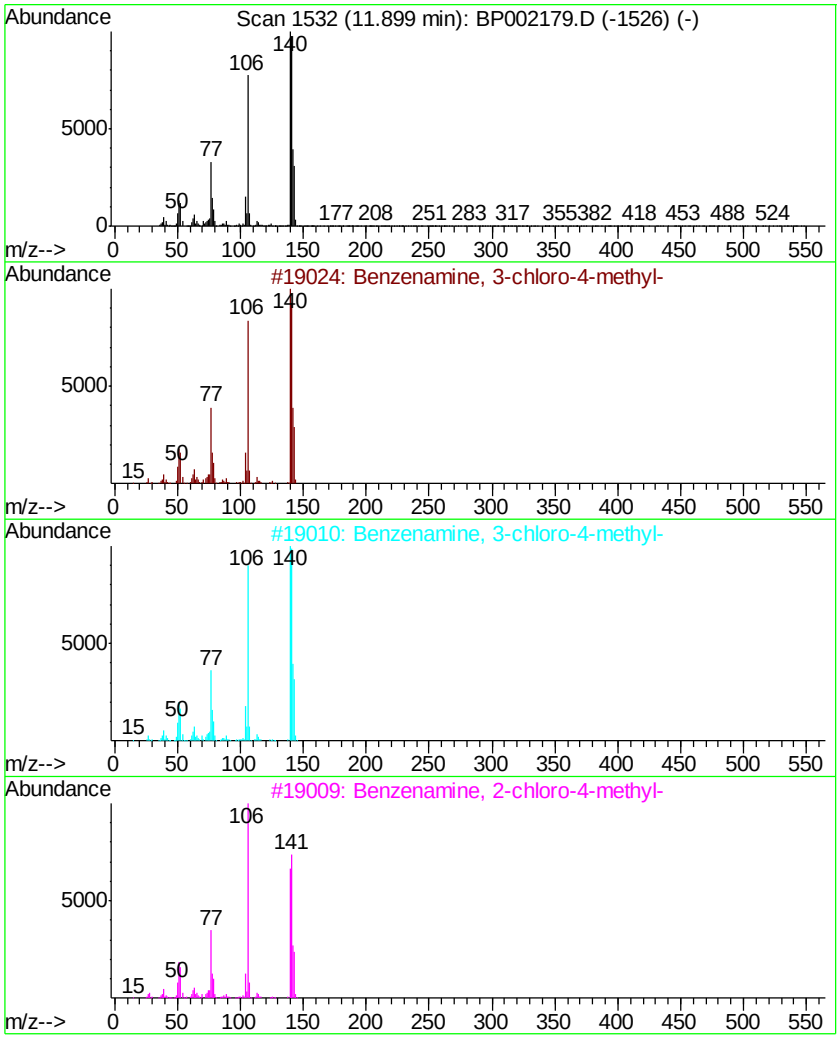
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

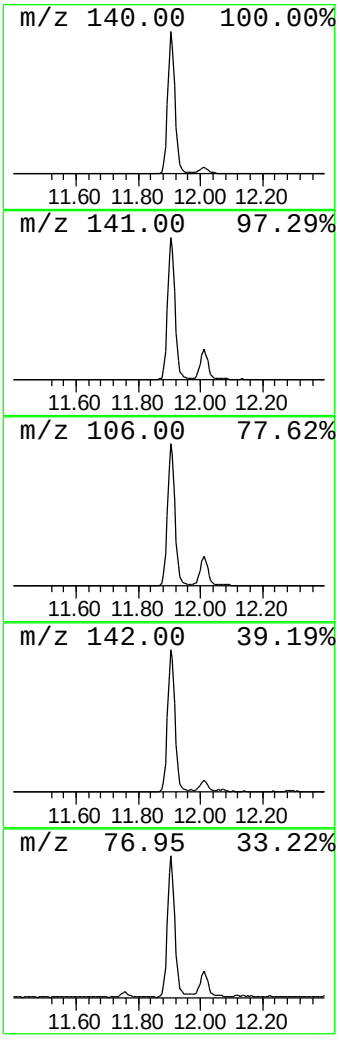
****

Peak Number 2 Benzenamine, 3-chloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	8.19 ng/ul	926720	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	96
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
4	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	95
5	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	91





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Data File : BP002179.D
Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

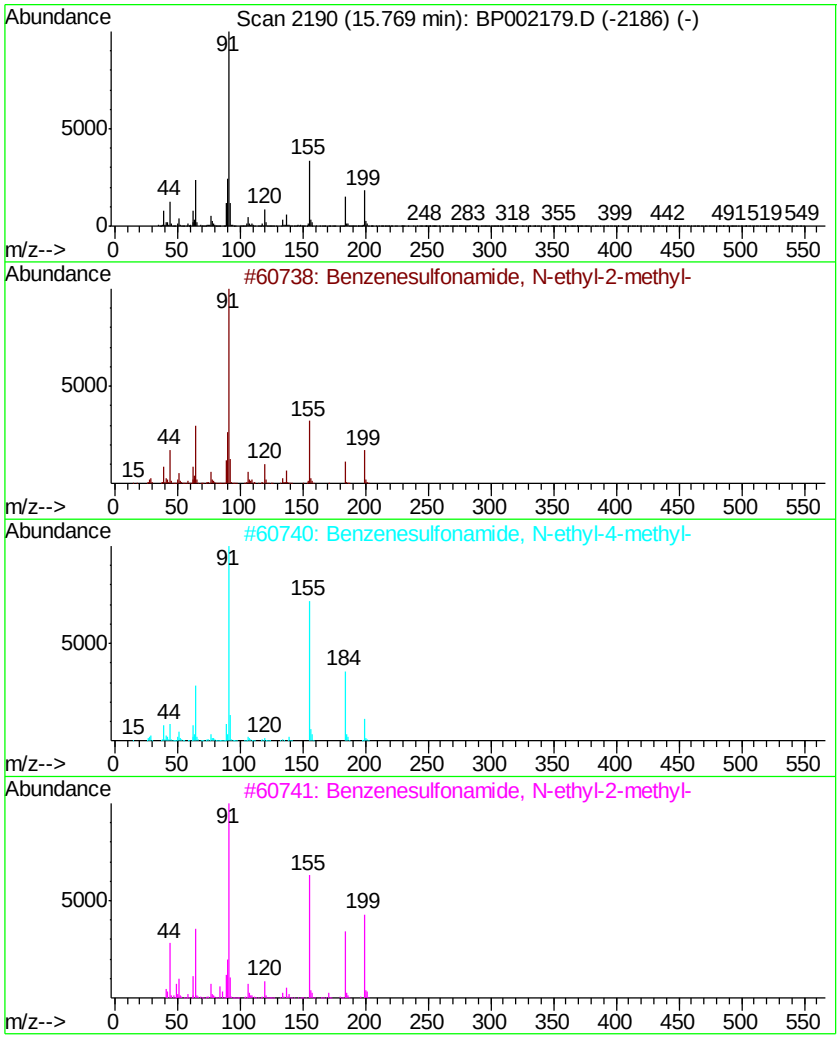
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

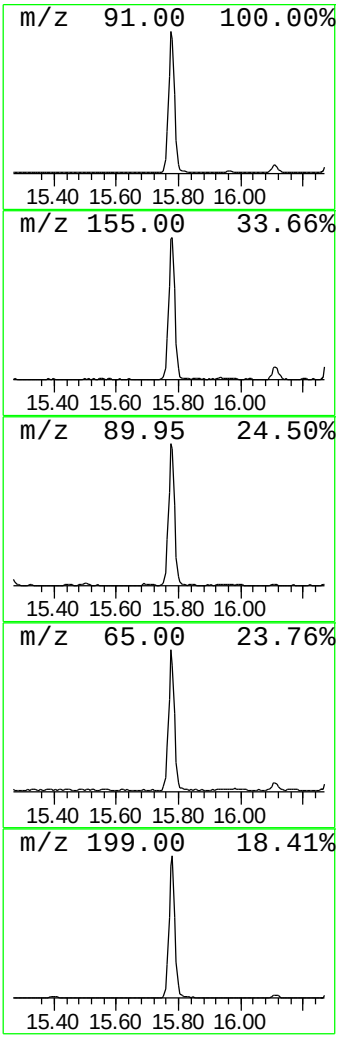
****

Peak Number 3 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.58 ng/ul	514138	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	96
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	59
3	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	52
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	50
5	N3, N.alpha.-bis*ptoluenesulfony...	462	C20H22N4O5S2	1000130-21-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031220\
Data File : BP002179.D
Acq On : 12 Mar 2020 12:31
Operator : CG/JU
Sample : L1843-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5S9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA 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
Benzenamine, 3-me...	8.60	39.7	ng/ul	3025050	1	7.63	1522720	20.0
Benzenamine, 3-ch...	11.90	8.2	ng/ul	926720	2	10.40	2262380	20.0
Benzenesulfonamid...	15.77	2.6	ng/ul	514138	4	17.02	3982800	20.0