LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

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_G\METHODS\SOM-EPA-BG092920MA.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	3.413	10	13	17	rVV2	2172	2626	0.18%	0.027%
2	3.449	17	19	22	rVV2	3452	3492	0.24%	0.036%
3	3.554	32	37	44	rVV	33723	50659	3.55%	0.519%
4	3.801	76	79	85	rVB3	2181	3000	0.21%	0.031%
5	4.265	154	158	159	rBV2	2281	2984	0.21%	0.031%
6	4.277	159	160	165	rVV3	3742	3312	0.23%	0.034%
7	4.336	165	170	175	rVB2	9476	14686	1.03%	0.150%
8	4.383	175	178	182	rBV3	2484	3292	0.23%	0.034%
9	4.606	209	216	217	rBV3	2631	3052	0.21%	0.031%
10	4.712	229	234	241	rBV3	13386	22401	1.57%	0.229%
11	4.818	250	252	254	rBV2	2377	2455	0.17%	0.025%
12	5.405	348	352	355	rBV	2185	3836	0.27%	0.039%
13	7.044	627	631	632	rBV2	2730	3085	0.22%	0.032%
14	7.244	660	665	677	rBV5	10420	28442	1.99%	0.291%
15	7.414	689	694	701	rBV	21556	36284	2.54%	0.371%
16	7.626	721	730	737	rBV3	24310	50575	3.55%	0.518%
17	7.673	737	738	740	rVV	4544	4297	0.30%	0.044%
18	7.691	740	741	747	rVB3	5249	5387	0.38%	0.055%
19	8.096	802	810	817	rBV	237437	401054	28.12%	4.105%
20	8.231	827	833	841	rVB	108344	173858	12.19%	1.780%
21	8.407	860	863	865	rVB	2172	2469	0.17%	0.025%
22	8.789	922	928	937	rBV3	22805	45052	3.16%	0.461%
23	8.983	958	961	962	rBV3	2419	2441	0.17%	0.025%
24	9.077	969	977	987	rBV	302266	500392	35.08%	5.122%
25	9.201	991	998	1002	rVV5	5224	10129	0.71%	0.104%
26	9.259	1002	1008	1015	rVV	28616	53096	3.72%	0.543%
27	9.342	1016	1022	1029	rVV2	52798	92614	6.49%	0.948%
28	9.430	1031	1037	1039	rBV	1627	2445	0.17%	0.025%
29	9.612	1065	1068	1074	rBV3	3593	5506	0.39%	0.056%
30	9.682	1076	1080	1085	rBV5	7889	14142	0.99%	0.145%
31	9.841	1104	1107	1112	rVB3	2052	3157	0.22%	0.032%
32	9.982	1125	1131	1137	rBV3	27791	46567	3.26%	0.477%
33	10.123	1149	1155	1159	rBV5	8322	15641	1.10%	0.160%
34	10.164	1159	1162	1168	rVV3	5202	9300	0.65%	0.095%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

35	10.264	1174	1179	1183	rVV	31213	55961	3.92%	0.573%
36	10.317	1183	1188	1196	rVB2	103051	173187	12.14%	1.773%
37	10.446	1204	1210	1216	rVB4	19381	35637	2.50%	0.365%
38	10.523	1217	1223	1228	rBV2	46710	83773	5.87%	0.857%
39	10.687	1248	1251	1253	rVB2	2218	2645	0.19%	0.027%
40	10.810	1269	1272	1276	rVV2	4047	6492	0.46%	0.066%
41	10.910	1279	1289	1300	rVB	293742	558048	39.13%	5.712%
42	11.034	1304	1310	1320	rBV3	41602	81917	5.74%	0.838%
43	11.145	1322	1329	1332	rBV5	5929	11995	0.84%	0.123%
44	11.304	1352	1356	1357	rBV2	2376	2729	0.19%	0.028%
45	11.439	1377	1379	1383	rBV2	1772	2631	0.18%	0.027%
46	11.727	1426	1428	1434	rVB5	4782	8068	0.57%	0.083%
47	11.786	1436	1438	1442	rVV3	2264	3416	0.24%	0.035%
48	11.856	1446	1450	1455	rVB7	4820	8040	0.56%	0.082%
49	12.044	1480	1482	1486	rBV4	2474	2622	0.18%	0.027%
50	12.097	1486	1491	1497	rVB5	4523	8863	0.62%	0.091%
51	12.191	1503	1507	1508	rBV3	1965	2593	0.18%	0.027%
52	12.232	1508	1514	1519	rBV5	7950	16412	1.15%	0.168%
53	12.332	1525	1531	1532	rBV4	2918	4155	0.29%	0.043%
54	12.391	1535	1541	1547	rVV2	117141	190295	13.34%	1.948%
55	12.491	1554	1558	1567	rVB3	24889	48334	3.39%	0.495%
56	12.879	1621	1624	1630	rVB4	4472	6671	0.47%	0.068%
57	12.973	1637	1640	1645	rBV4	3055	5004	0.35%	0.051%
58	13.061	1653	1655	1657	rBV2	2848	2885	0.20%	0.030%
59	13.143	1667	1669	1671	rBV2	2642	2436	0.17%	0.025%
60	13.208	1679	1680	1684	rVV4	2839	2372	0.17%	0.024%
61	13.419	1715	1716	1719	rBV3	2584	2479	0.17%	0.025%
62	13.742	1769	1771	1772	rBV2	5526	4122	0.29%	0.042%
63	14.118	1830	1835	1839	rBV	90166	124449	8.73%	1.274%
64	14.165	1839	1843	1850	rVB	43015	61780	4.33%	0.632%
65	14.312	1866	1868	1872	rVB3	4644	3297	0.23%	0.034%
66	14.412	1880	1885	1892	rBV	83801	128614	9.02%	1.316%
67	14.500	1897	1900	1901	rBV3	5100	4628	0.32%	0.047%
68	14.641	1920	1924	1929	rVB6	15180	22204	1.56%	0.227%
69	14.718	1931	1937	1945	rVB2	523750	841356	58.99%	8.612%
70	14.906	1967	1969	1978	rVB9	7501	13271	0.93%	0.136%
71	15.229	2023	2024	2027	rBV3	3187	2685	0.19%	0.027%

LSC Area Percent Report

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Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

72	15.411	2050	2055	2058	rBV5	10592	16878	1.18%	0.173%
73	15.452	2058	2062	2070	rVB4	9108	16356	1.15%	0.167%
74	15.564	2079	2081	2085	rVB4	5070	4990	0.35%	0.051%
75	15.711	2101	2106	2112	rVB	119623	178065	12.48%	1.823%
76	15.816	2120	2124	2128	rBV5	17733	25993	1.82%	0.266%
77	15.957	2145	2148	2153	rVB5	8758	14035	0.98%	0.144%
78	16.122	2172	2176	2177	rBV4	3656	4172	0.29%	0.043%
79	16.210	2186	2191	2199	rVB	91229	135429	9.50%	1.386%
80	16.380	2216	2220	2225	rVB4	23167	37817	2.65%	0.387%
81	16.539	2243	2247	2250	rBV6	7283	10069	0.71%	0.103%
82	16.657	2265	2267	2269	rVB3	6063	4503	0.32%	0.046%
83	16.686	2269	2272	2273	rBV3	4202	4949	0.35%	0.051%
84	16.721	2273	2278	2283	rVV	58202	87351	6.12%	0.894%
85	16.927	2311	2313	2314	rBV2	3652	2920	0.20%	0.030%
86	17.033	2327	2331	2338	rVB3	65407	103359	7.25%	1.058%
87	17.191	2356	2358	2359	rBV	4232	2403	0.17%	0.025%
88	17.250	2365	2368	2372	rVB5	10931	14810	1.04%	0.152%
89	17.462	2398	2404	2410	rBV	747214	1122354	78.69%	11.488%
90	17.561	2416	2421	2428	rVB2	145478	219936	15.42%	2.251%
91	18.120	2513	2516	2518	rBV4	5311	6053	0.42%	0.062%
92	18.343	2550	2554	2559	rBV3	37793	55844	3.92%	0.572%
93	18.642	2603	2605	2610	rVB5	8579	10248	0.72%	0.105%
94	18.831	2635	2637	2638	rBV2	5830	4613	0.32%	0.047%
95	19.124	2684	2687	2692	rVB5	18329	23651	1.66%	0.242%
96	19.841	2804	2809	2813	rBV2	207214	288197	20.21%	2.950%
97	21.375	3066	3070	3080	rVB3	71570	132148	9.27%	1.353%
98	21.733	3125	3131	3141	rBV	840712	1416869	99.34%	14.503%
99	24.771	3642	3648	3655	rVB	98647	241462	16.93%	2.472%
100	25.000	3678	3687	3698	rVB3	486405	1426299	100.00%	14.599%

Sum of corrected areas: 9769567

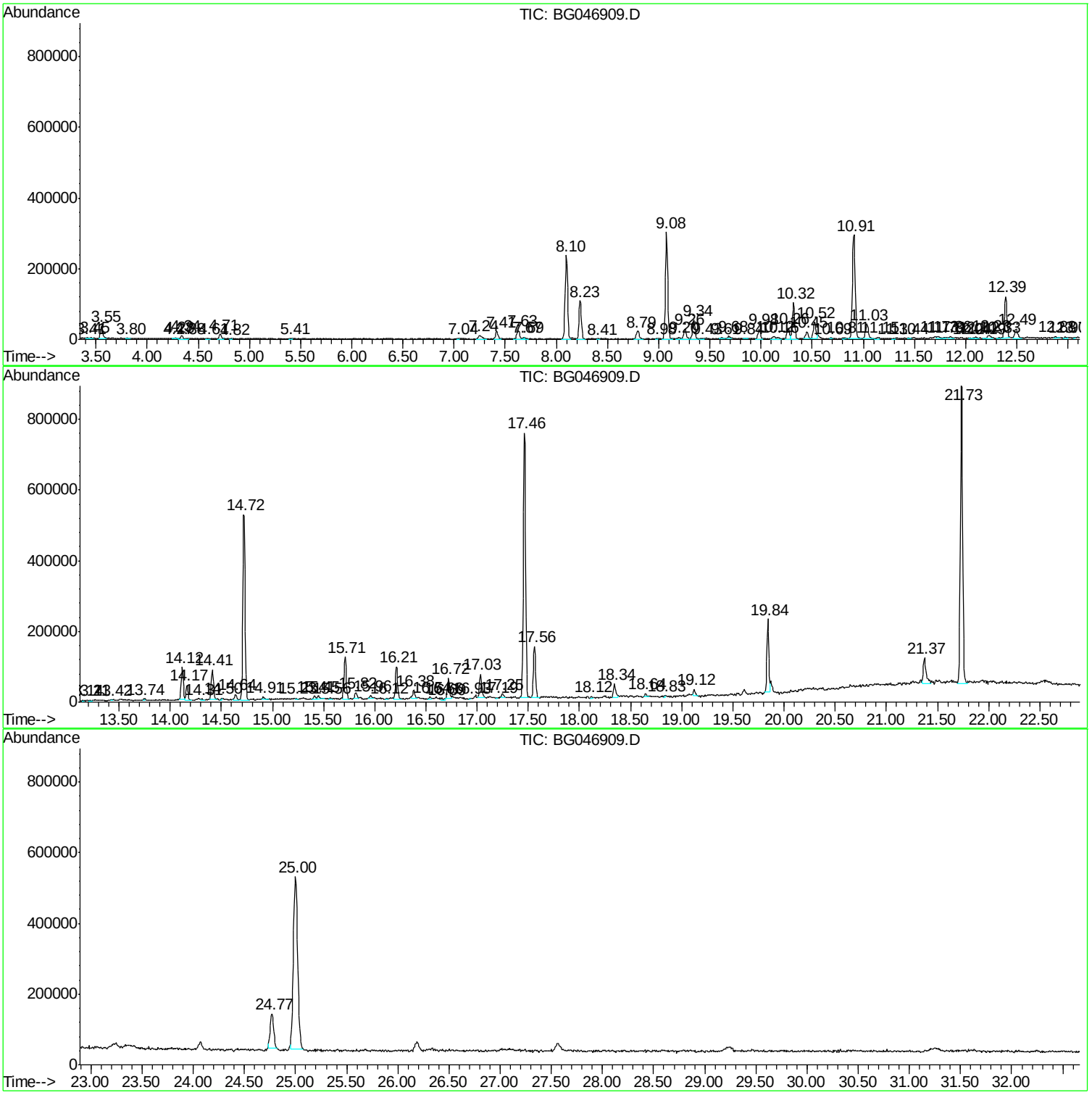
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

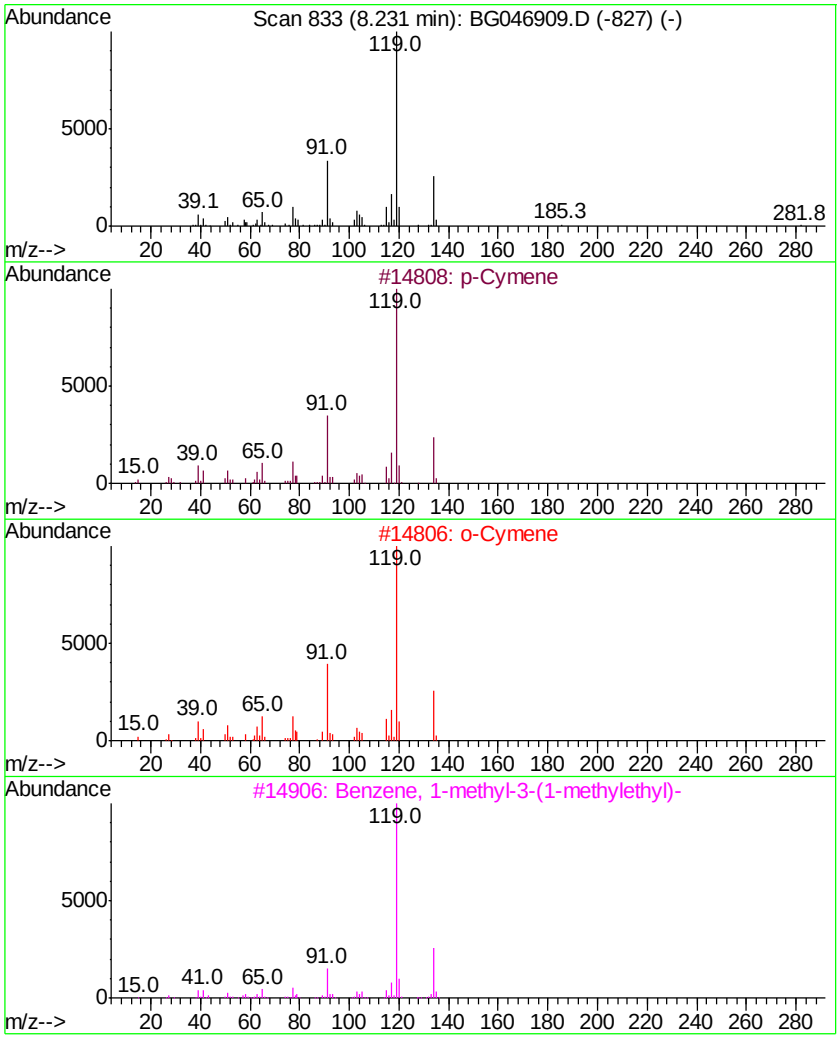
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

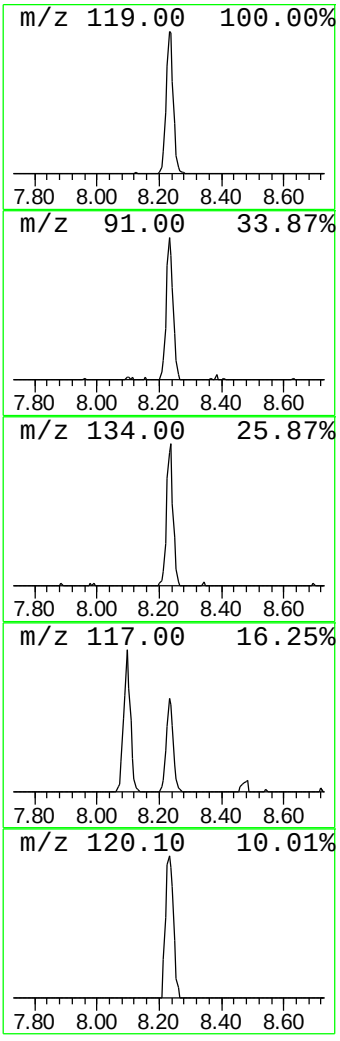
****

Peak Number 1 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	8.67 ng/ul	173858	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

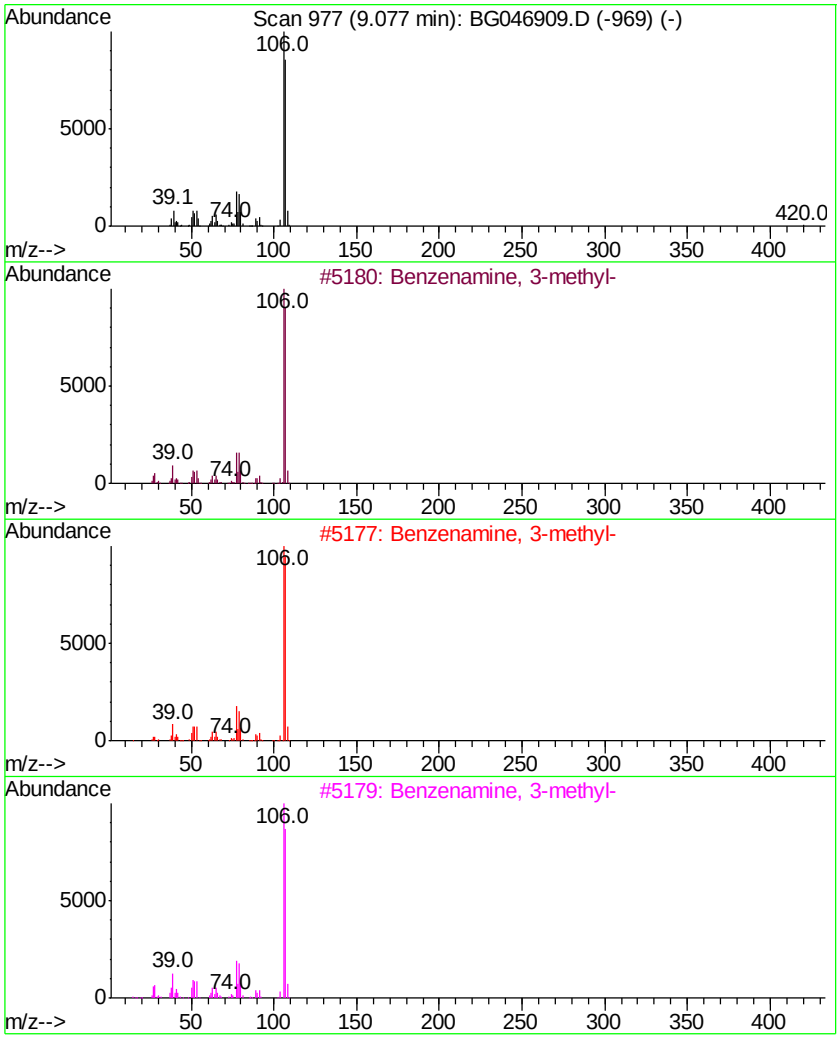
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

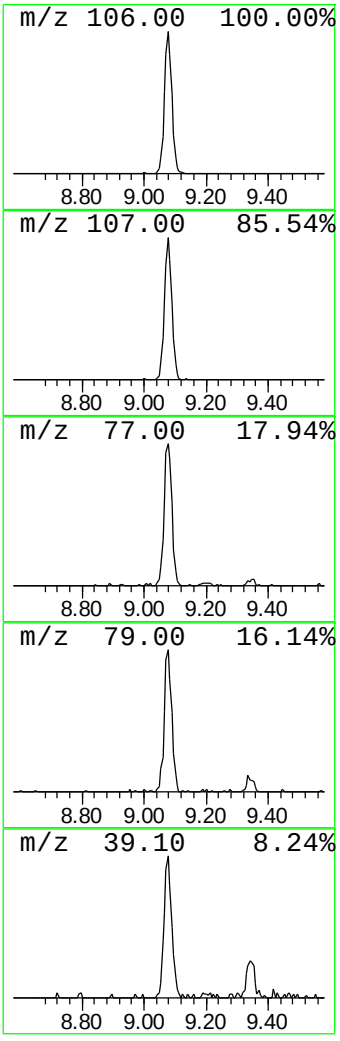
****

Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	24.95 ng/ul	500392	1,4-Dichlorobenzene-d4	8.10

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	96
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

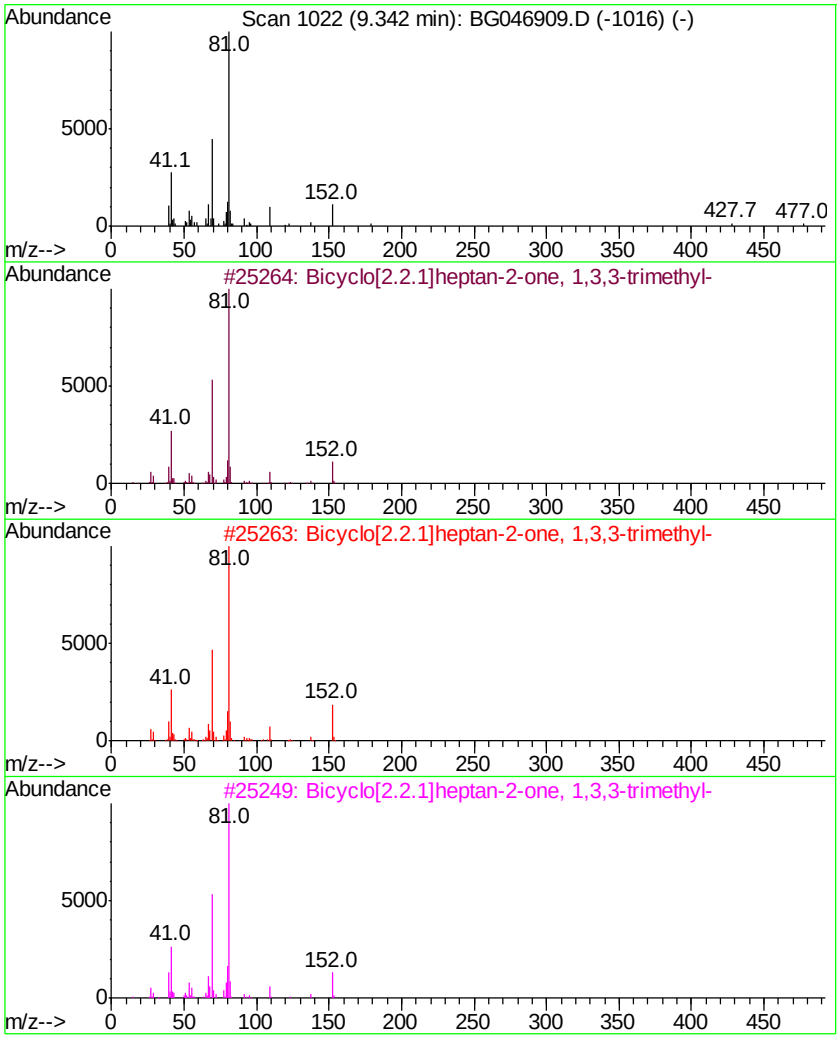
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

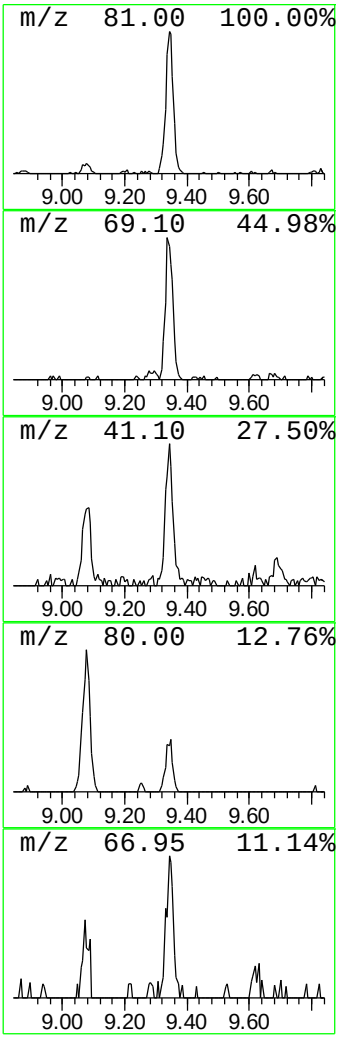
****

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	4.62 ng/ul	92614	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
4	L-Fenchone	152	C10H16O	007787-20-4	90
5	L-Fenchone	152	C10H16O	007787-20-4	87





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Misc :
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Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

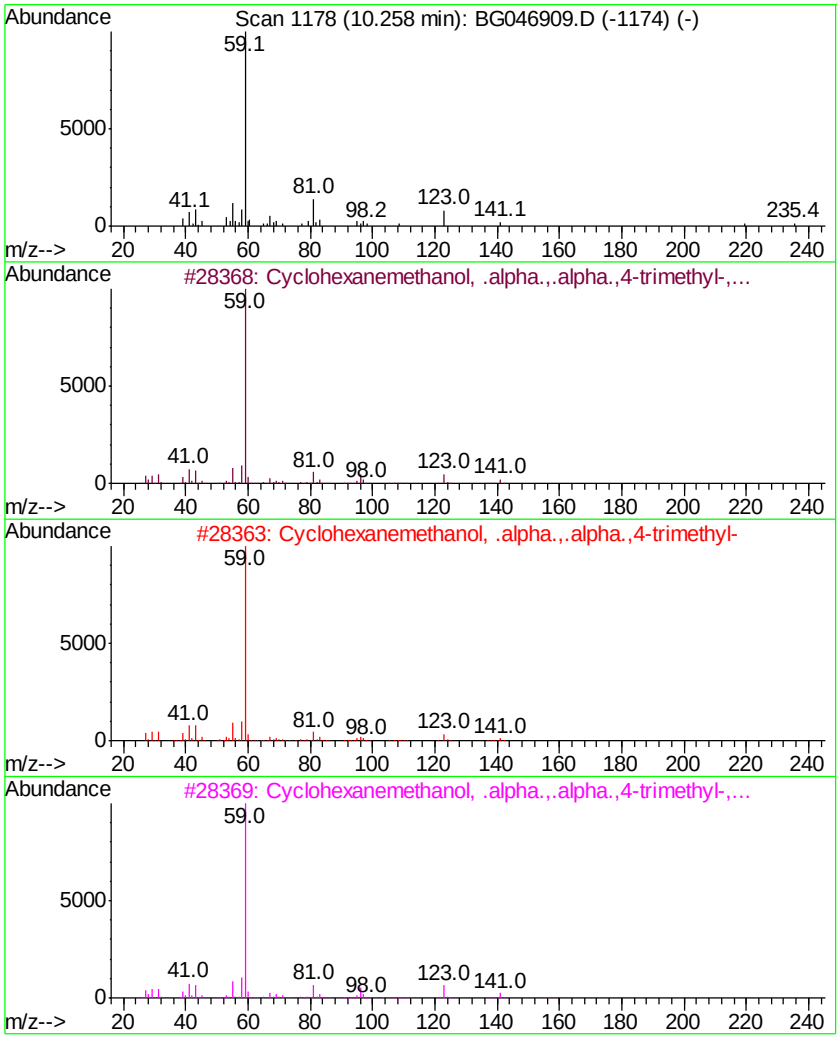
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

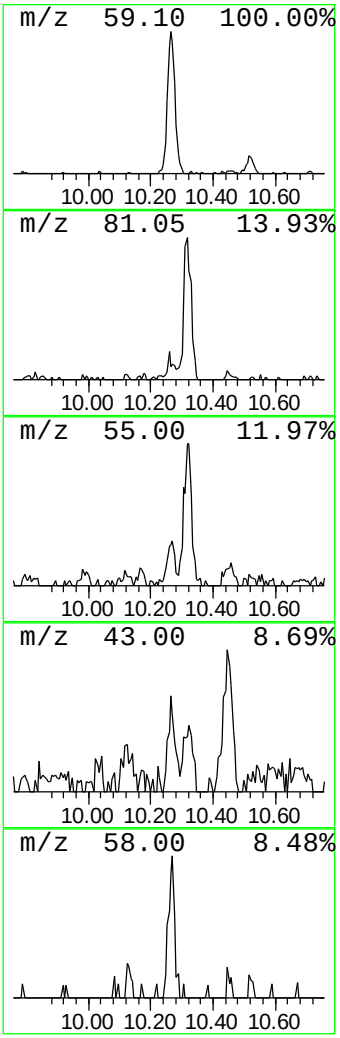
****

Peak Number 4 Cyclohexanemethanol, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.01 ng/ul	55961	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	72
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	72
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	72
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	59
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56





Library Search Compound Report

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Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

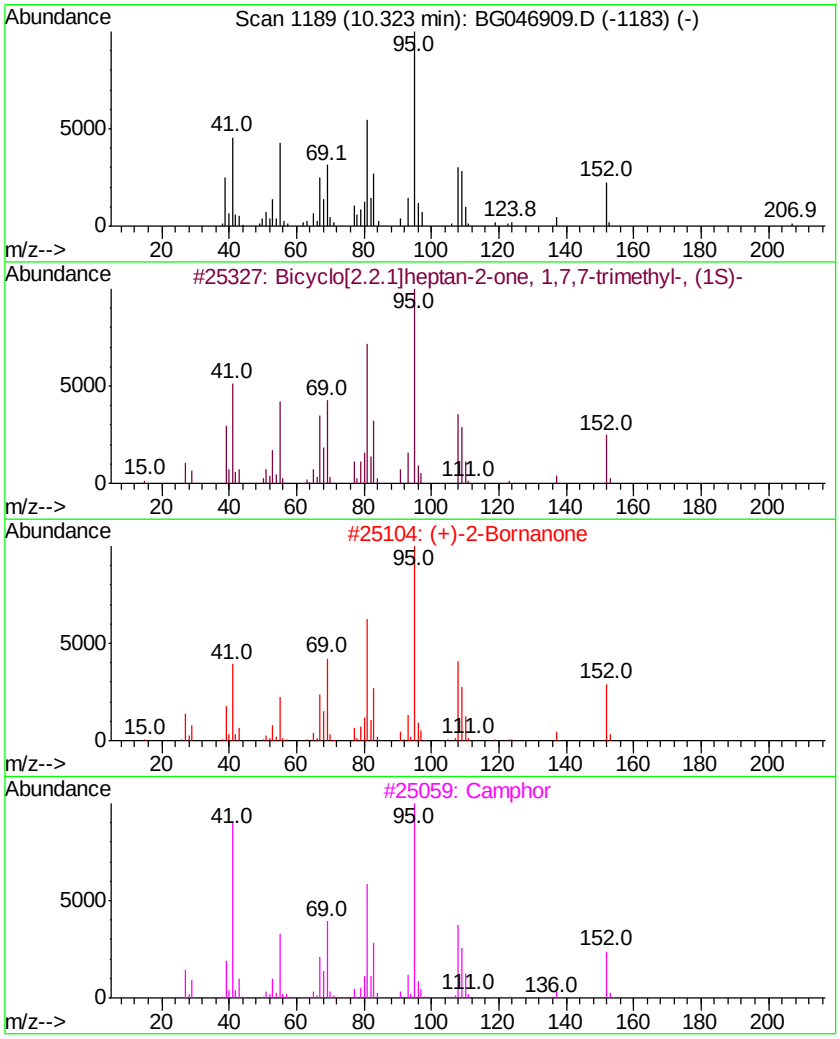
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

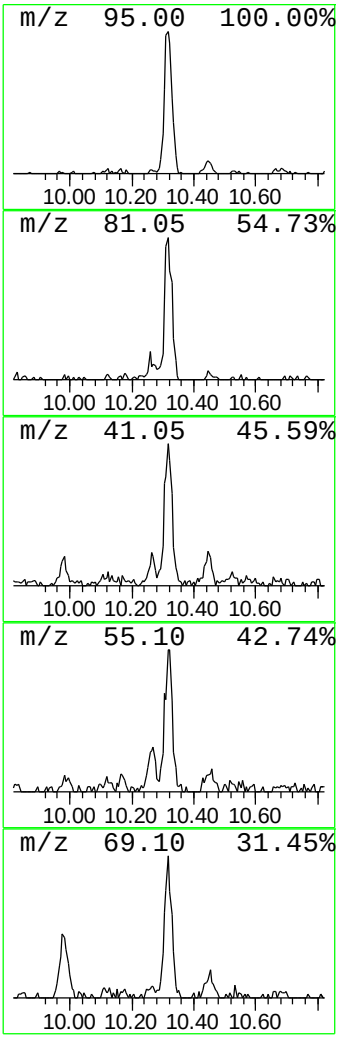
****

Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	6.21 ng/ul	173187	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
3	Camphor	152	C10H16O	000076-22-2	94
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	93





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Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

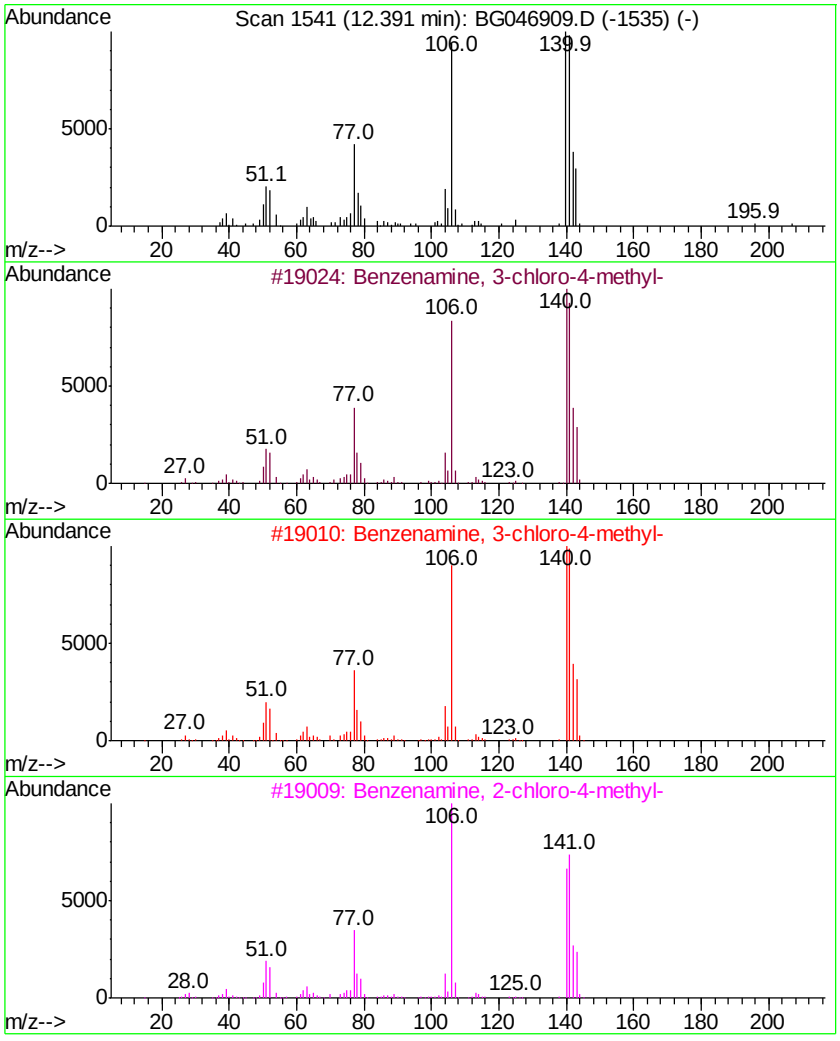
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

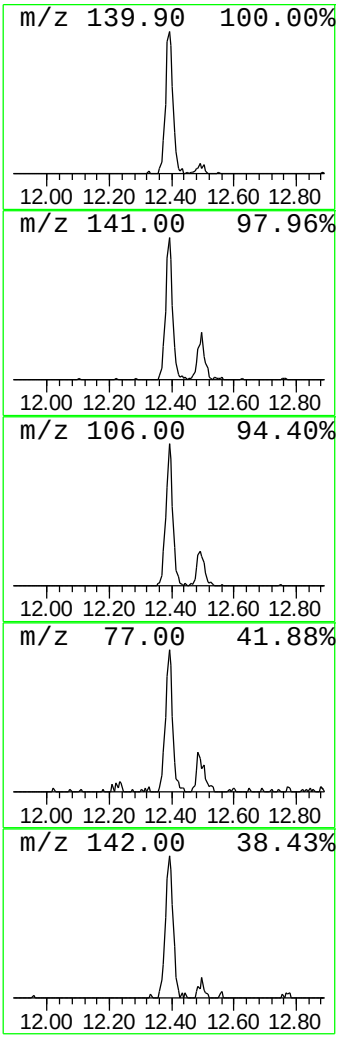
****

Peak Number 6 Benzenamine, 3-chloro-4-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	6.82 ng/ul	190295	Naphthalene-d8	10.90

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	98
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
4	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	94
5	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

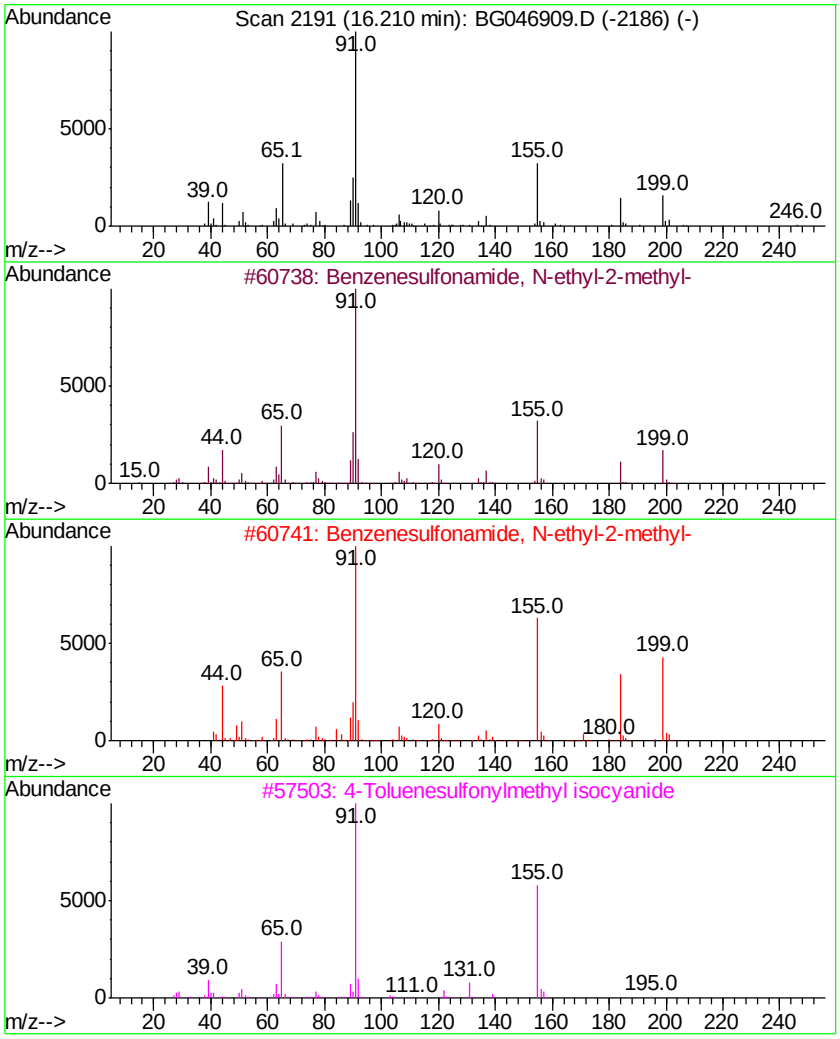
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

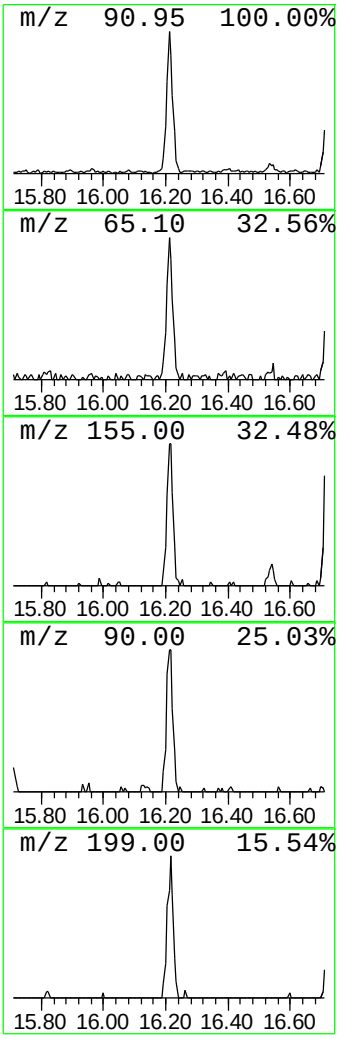
****

Peak Number 7 Benzenesulfonamide, N-ethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.41 ng/ul	135429	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	70
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50
4	Methyl N'-tosylcarbamimidothioate	244	C9H12N2O2S2	002651-16-3	50
5	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101420\
Data File : BG046909.D
Acq On : 15 Oct 2020 1:51
Operator : CG/JU
Sample : L4359-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7P1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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
p-Cymene	8.23	8.7	ng/ul	173858	1	8.10	401054	20.0
Benzenamine, 3-me...	9.08	24.9	ng/ul	500392	1	8.10	401054	20.0
Bicyclo[2.2.1]hep...	9.34	4.6	ng/ul	92614	1	8.10	401054	20.0
Cyclohexanemethan...	10.26	2.0	ng/ul	55961	2	10.90	558048	20.0
Bicyclo[2.2.1]hep...	10.32	6.2	ng/ul	173187	2	10.90	558048	20.0
Benzenamine, 3-ch...	12.39	6.8	ng/ul	190295	2	10.90	558048	20.0
Benzenesulfonamid...	16.21	2.4	ng/ul	135429	4	17.46	1122350	20.0