LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027532.D
Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	4.077	25	32	40	rBV	8014	14792	1.05%	0.098%
2	4.788	147	153	162	rVB2	7270	11704	0.83%	0.077%
3	6.192	385	392	402	rVB2	6081	14436	1.03%	0.096%
4	6.550	447	453	462	rVV5	6917	16250	1.16%	0.108%
5	7.602	625	632	636	rBV4	7458	14107	1.01%	0.093%
6	7.655	636	641	649	rVB2	40763	78843	5.62%	0.522%
7	7.737	649	655	662	rBV	7530	13470	0.96%	0.089%
8	7.831	662	671	679	rBV	135261	234680	16.72%	1.554%
9	7.902	679	683	697	rVB2	10359	19455	1.39%	0.129%
10	8.054	697	709	719	rBV	134504	255785	18.22%	1.693%
11	8.160	721	727	742	rVB2	44827	80681	5.75%	0.534%
12	8.518	780	788	799	rBV	131250	247320	17.62%	1.637%
13	8.630	800	807	817	rVB3	31855	64829	4.62%	0.429%
14	8.883	844	850	863	rVB7	9542	22334	1.59%	0.148%
15	9.053	874	879	886	rVV2	6752	11434	0.81%	0.076%
16	9.141	886	894	897	rVV2	11098	19720	1.41%	0.131%
17	9.194	897	903	912	rVV3	124465	233555	16.64%	1.546%
18	9.312	912	923	934	rVB2	10126	21445	1.53%	0.142%
19	9.459	939	948	952	rBV3	9214	18636	1.33%	0.123%
20	9.511	952	957	965	rVV2	9144	16802	1.20%	0.111%
21	9.611	965	974	979	rVV3	16400	32324	2.30%	0.214%
22	9.682	979	986	993	rVV	172805	342478	24.40%	2.267%
23	9.746	993	997	1004	rVV5	12962	24729	1.76%	0.164%
24	9.952	1025	1032	1037	rVV4	6994	13924	0.99%	0.092%
25	10.140	1058	1064	1068	rVV	10610	17583	1.25%	0.116%
26	10.199	1068	1074	1083	rVB	21622	38299	2.73%	0.254%
27	10.405	1100	1109	1118	rBV	149225	283135	20.17%	1.874%
28	10.681	1151	1156	1158	rBV2	6985	11419	0.81%	0.076%
29	10.722	1158	1163	1170	rVV4	26623	53545	3.82%	0.354%
30	10.939	1192	1200	1219	rVB	228977	465035	33.13%	3.078%
31	11.339	1251	1268	1274	rVV	212274	430603	30.68%	2.851%
32	11.386	1274	1276	1282	rVV	27903	40713	2.90%	0.270%
33	11.538	1296	1302	1308	rVB7	10348	21076	1.50%	0.140%
34	11.697	1321	1329	1341	rVB7	13348	34093	2.43%	0.226%

LSC Area Percent Report

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Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Title : SVOA CALIBRATION

35	11.838	1341	1353	1357	rBV7	11366	35297	2.51%	0.234%
36	11.885	1357	1361	1372	rVB4	12090	28127	2.00%	0.186%
37	12.044	1378	1388	1397	rBV	53446	137660	9.81%	0.911%
38	12.114	1397	1400	1406	rVB3	15291	23497	1.67%	0.156%
39	12.232	1416	1420	1428	rVB9	10241	20648	1.47%	0.137%
40	12.496	1457	1465	1472	rVB8	6287	12392	0.88%	0.082%
41	12.620	1478	1486	1494	rBV8	3762	12050	0.86%	0.080%
42	12.837	1505	1523	1528	rBV10	7264	27947	1.99%	0.185%
43	12.954	1538	1543	1553	rVB5	9654	18218	1.30%	0.121%
44	13.166	1574	1579	1587	rVV2	12872	24185	1.72%	0.160%
45	13.495	1631	1635	1639	rVV6	7095	13864	0.99%	0.092%
46	13.642	1656	1660	1666	rVV9	5714	13626	0.97%	0.090%
47	13.806	1681	1688	1699	rVB5	11922	26164	1.86%	0.173%
48	13.930	1699	1709	1710	rBV7	7055	18106	1.29%	0.120%
49	13.965	1712	1715	1722	rVB8	9445	19127	1.36%	0.127%
50	14.059	1722	1731	1738	rBV8	5880	14369	1.02%	0.095%
51	14.423	1787	1793	1797	rBV8	5669	12638	0.90%	0.084%
52	14.488	1797	1804	1813	rVB	494259	751501	53.54%	4.975%
53	14.799	1850	1857	1864	rBV	508482	854092	60.85%	5.654%
54	14.876	1864	1870	1885	rVV	74170	137553	9.80%	0.911%
55	15.105	1899	1909	1916	rVB2	351852	597075	42.54%	3.953%
56	15.169	1916	1920	1926	rVB4	9407	16461	1.17%	0.109%
57	15.275	1932	1938	1949	rVB	37016	73824	5.26%	0.489%
58	15.363	1949	1953	1962	rVB4	11634	20473	1.46%	0.136%
59	15.575	1980	1989	2000	rBV4	5591	17474	1.25%	0.116%
60	15.798	2019	2027	2036	rBV9	7561	27230	1.94%	0.180%
61	15.886	2038	2042	2046	rVB2	10639	13566	0.97%	0.090%
62	16.092	2066	2077	2084	rBV	701671	1186521	84.54%	7.855%
63	16.145	2084	2086	2089	rVV2	12127	15849	1.13%	0.105%
64	16.192	2089	2094	2104	rVB	252246	392919	28.00%	2.601%
65	16.327	2110	2117	2127	rVB9	9689	23601	1.68%	0.156%
66	16.768	2187	2192	2197	rBV3	15081	26876	1.91%	0.178%
67	16.809	2197	2199	2208	rVB9	8977	15627	1.11%	0.103%
68	16.903	2208	2215	2220	rBV2	12568	23666	1.69%	0.157%
69	16.956	2220	2224	2230	rVV3	13200	24417	1.74%	0.162%
70	17.020	2230	2235	2239	rVV2	15424	19765	1.41%	0.131%
71	17.061	2239	2242	2248	rVB4	7139	11498	0.82%	0.076%

LSC Area Percent Report

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Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Title : SVOA CALIBRATION

72	17.138	2248	2255	2261	rBV6	5983	13638	0.97%	0.090%
73	17.226	2261	2270	2276	rVB10	7334	17310	1.23%	0.115%
74	17.291	2277	2281	2291	rBV2	12192	30810	2.20%	0.204%
75	17.637	2334	2340	2343	rBV3	28129	44685	3.18%	0.296%
76	17.855	2368	2377	2388	rBV2	464458	800524	57.04%	5.299%
77	17.954	2388	2394	2403	rVV	748304	1220876	86.99%	8.082%
78	18.254	2440	2445	2457	rVB3	10735	23198	1.65%	0.154%
79	18.689	2514	2519	2523	rBV4	17890	30179	2.15%	0.200%
80	18.918	2552	2558	2570	rVB4	10001	29890	2.13%	0.198%
81	19.071	2576	2584	2590	rBV4	6979	19356	1.38%	0.128%
82	19.235	2604	2612	2620	rVB4	5732	19482	1.39%	0.129%
83	19.312	2620	2625	2626	rBV5	10166	11438	0.81%	0.076%
84	19.506	2653	2658	2670	rBV	10972	32004	2.28%	0.212%
85	19.852	2707	2717	2720	rBV4	10425	23051	1.64%	0.153%
86	19.887	2720	2723	2727	rVB	21659	28589	2.04%	0.189%
87	19.946	2729	2733	2749	rBV10	27600	55233	3.94%	0.366%
88	20.087	2752	2757	2769	rVB2	21798	44768	3.19%	0.296%
89	20.222	2773	2780	2791	rBV	925276	1403507	100.00%	9.291%
90	20.828	2881	2883	2891	rVB9	7306	13887	0.99%	0.092%
91	21.204	2942	2947	2956	rVB4	19094	28916	2.06%	0.191%
92	21.785	3041	3046	3055	rBV4	11719	24579	1.75%	0.163%
93	22.226	3113	3121	3132	rBV	438046	865860	61.69%	5.732%
94	23.848	3392	3397	3404	rVB6	8687	18854	1.34%	0.125%
95	24.770	3547	3554	3561	rVB5	11736	26236	1.87%	0.174%
96	25.634	3687	3701	3717	rBV2	413432	1323015	94.26%	8.758%
97	25.886	3730	3744	3760	rVB3	249421	869505	61.95%	5.756%
98	27.155	3950	3960	3971	rVB5	15820	51053	3.64%	0.338%
99	28.707	4215	4224	4238	rVB7	15053	58410	4.16%	0.387%
100	30.593	4533	4545	4559	rVB7	12988	49921	3.56%	0.330%

Sum of corrected areas: 15105911

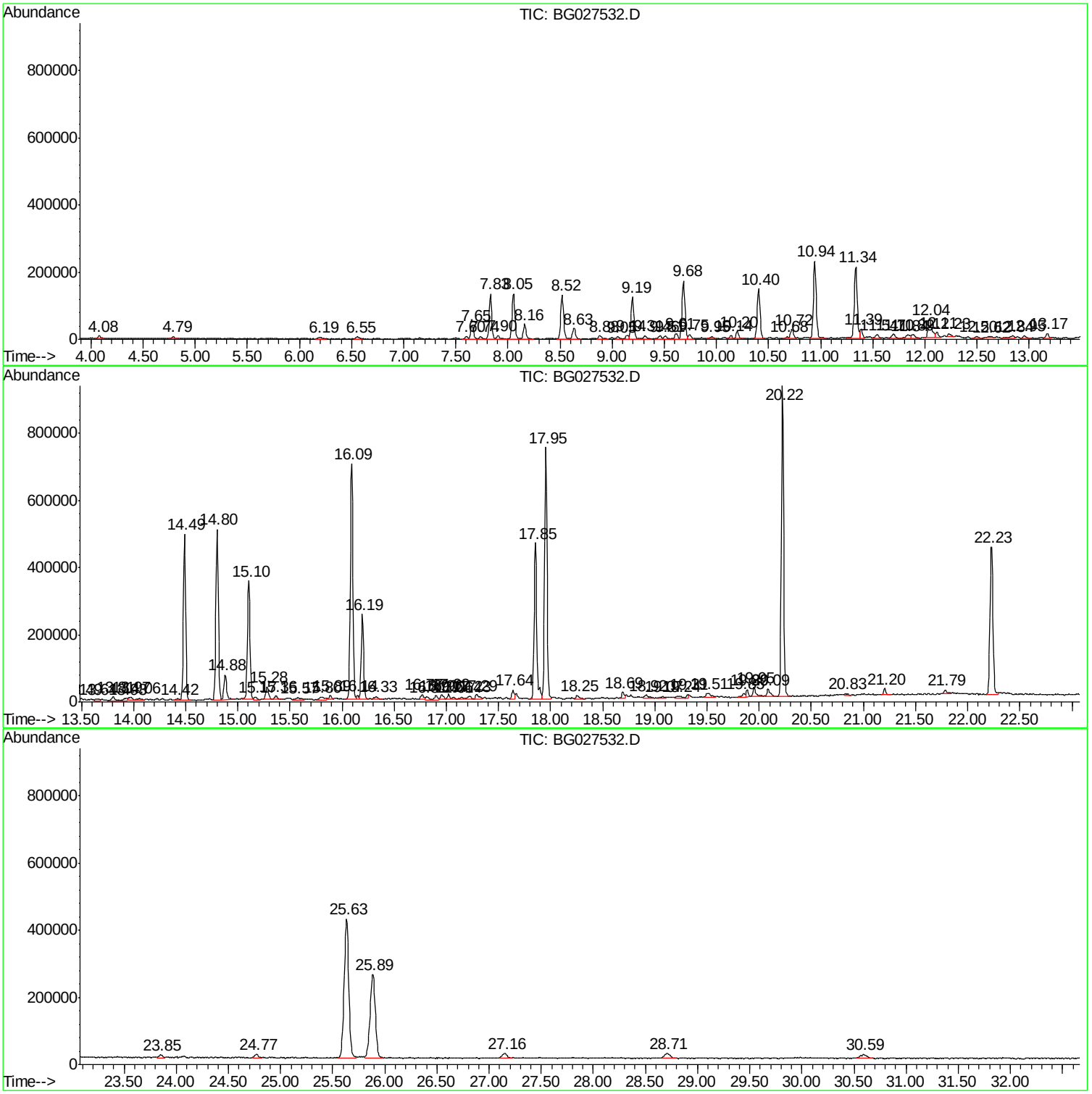
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027532.D
Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027532.D
Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

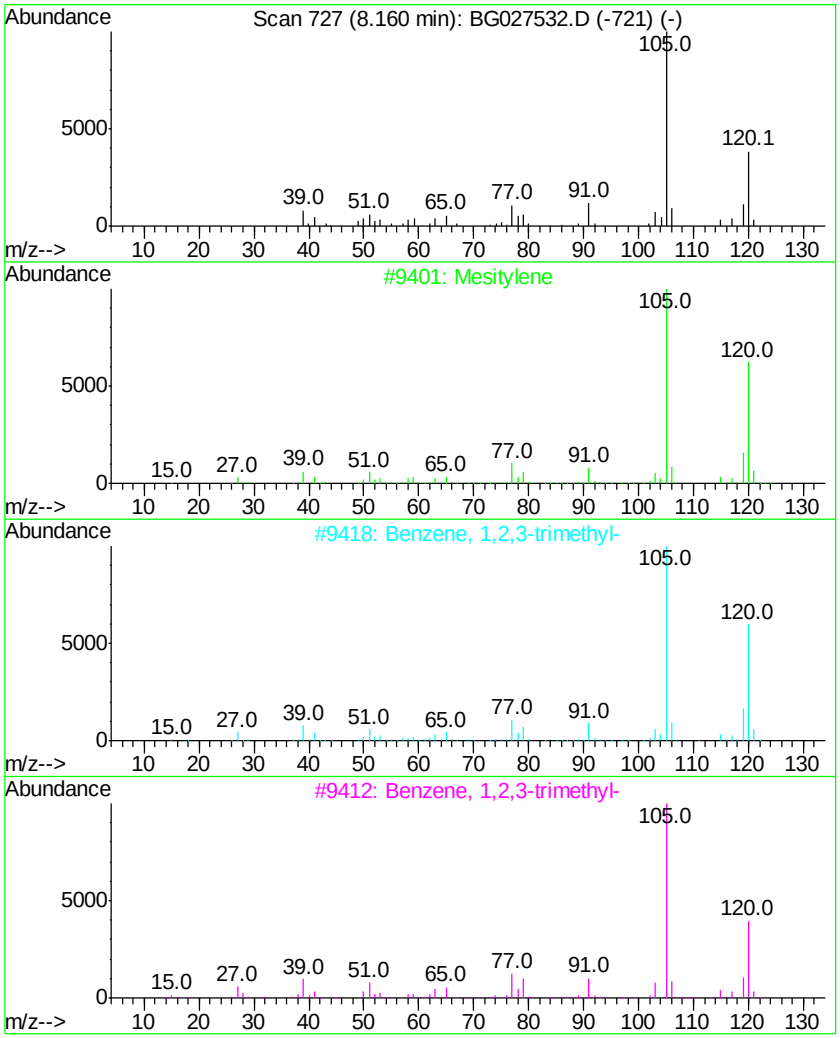
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

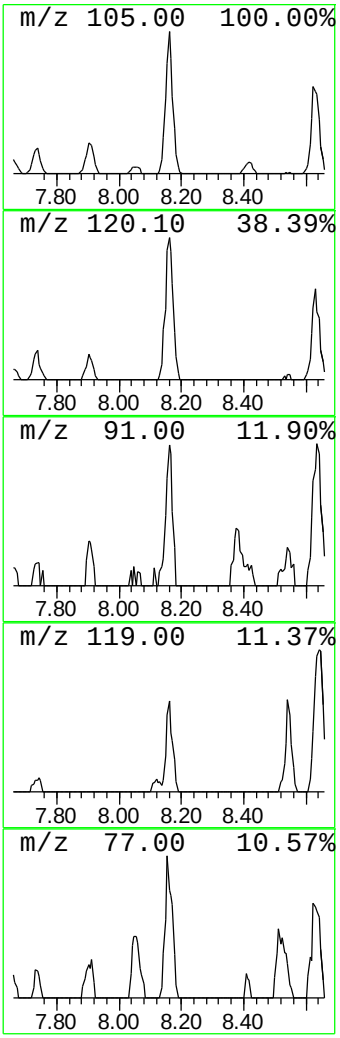
****

Peak Number 1 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	6.52 ng/ul	80681	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027532.D
Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

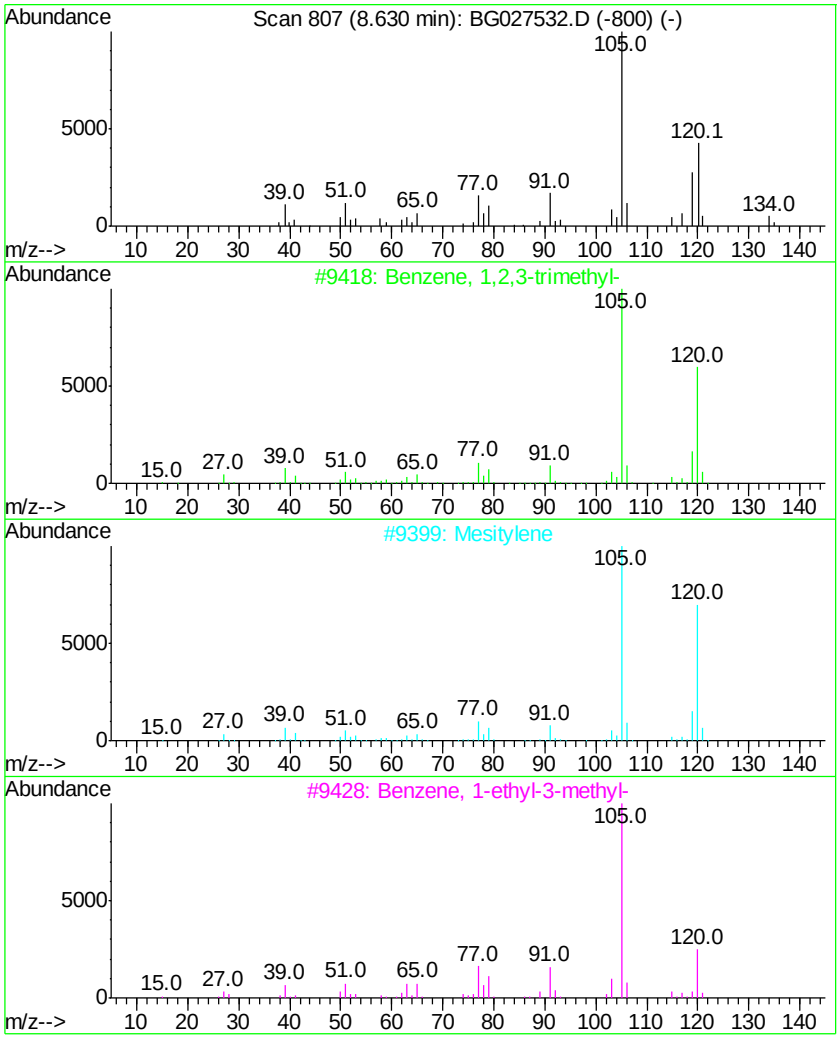
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

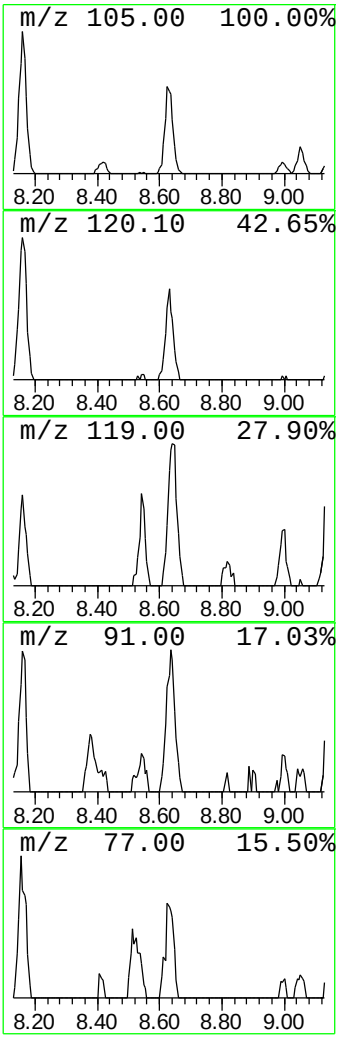
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	5.24 ng/ul	64829	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2	Mesitylene	120	C9H12	000108-67-8	83
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81





Library Search Compound Report

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Acq On : 19 Jun 2017 16:57
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Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

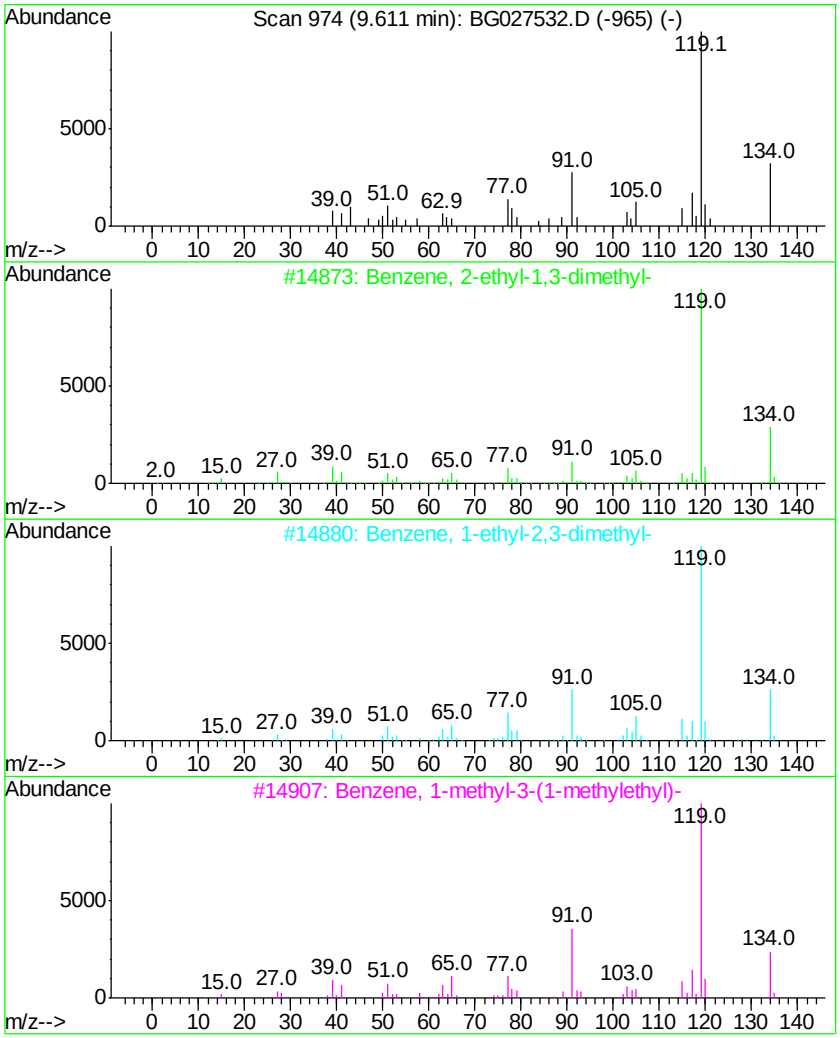
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

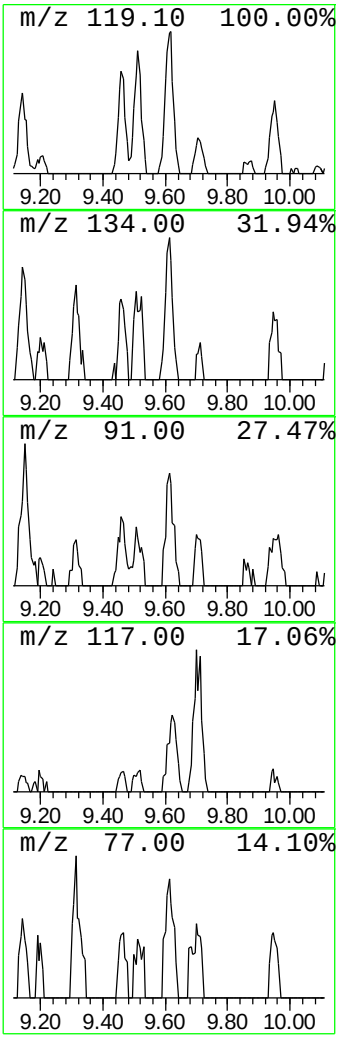
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.61 ng/ul	32324	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Library Search Compound Report

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Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

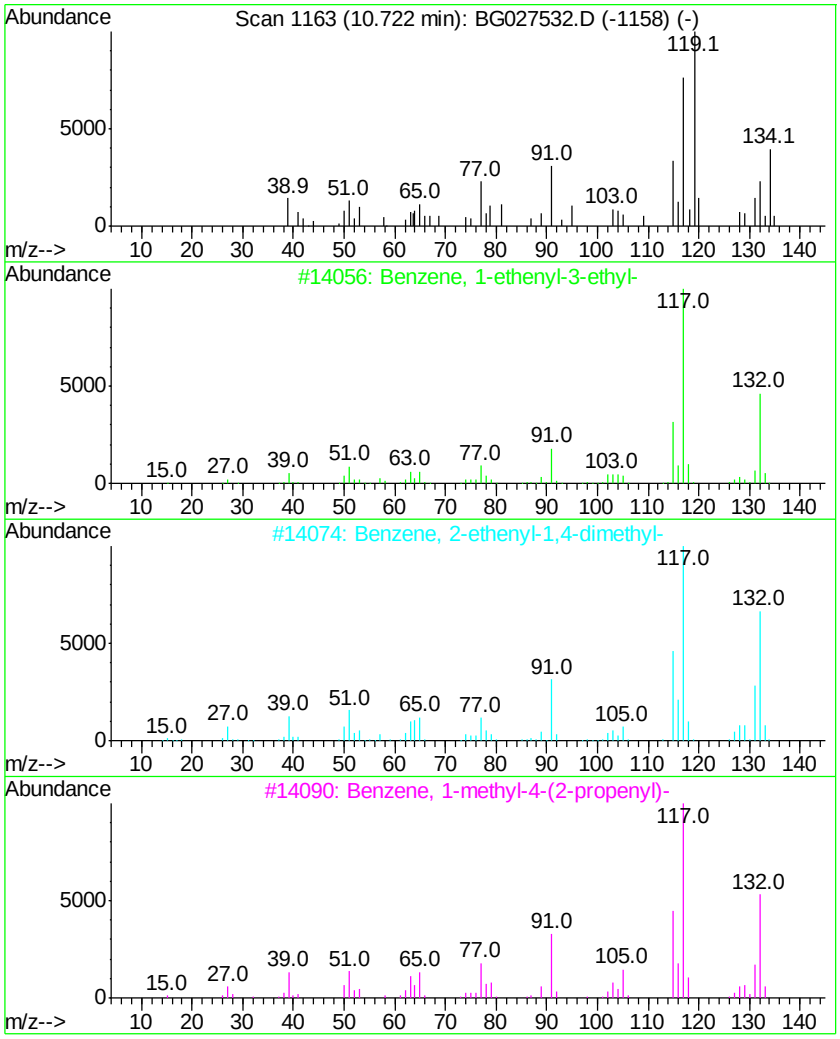
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

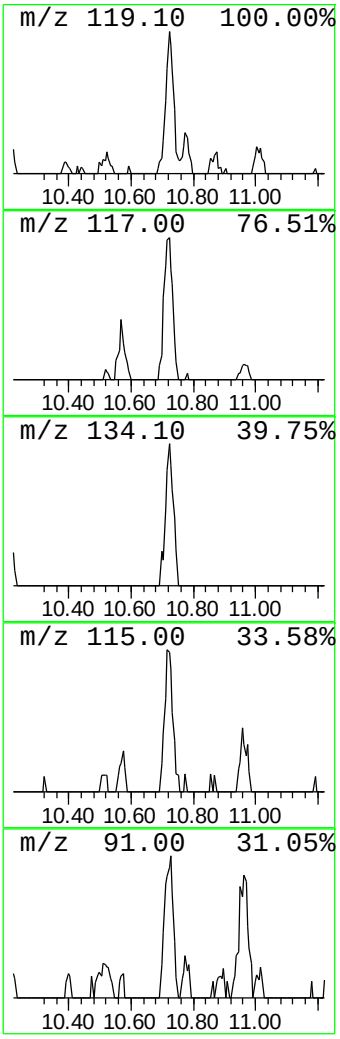
****

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.49 ng/ul	53545	Naphthalene-d8	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	50
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46





Library Search Compound Report

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Data File : BG027532.D
Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

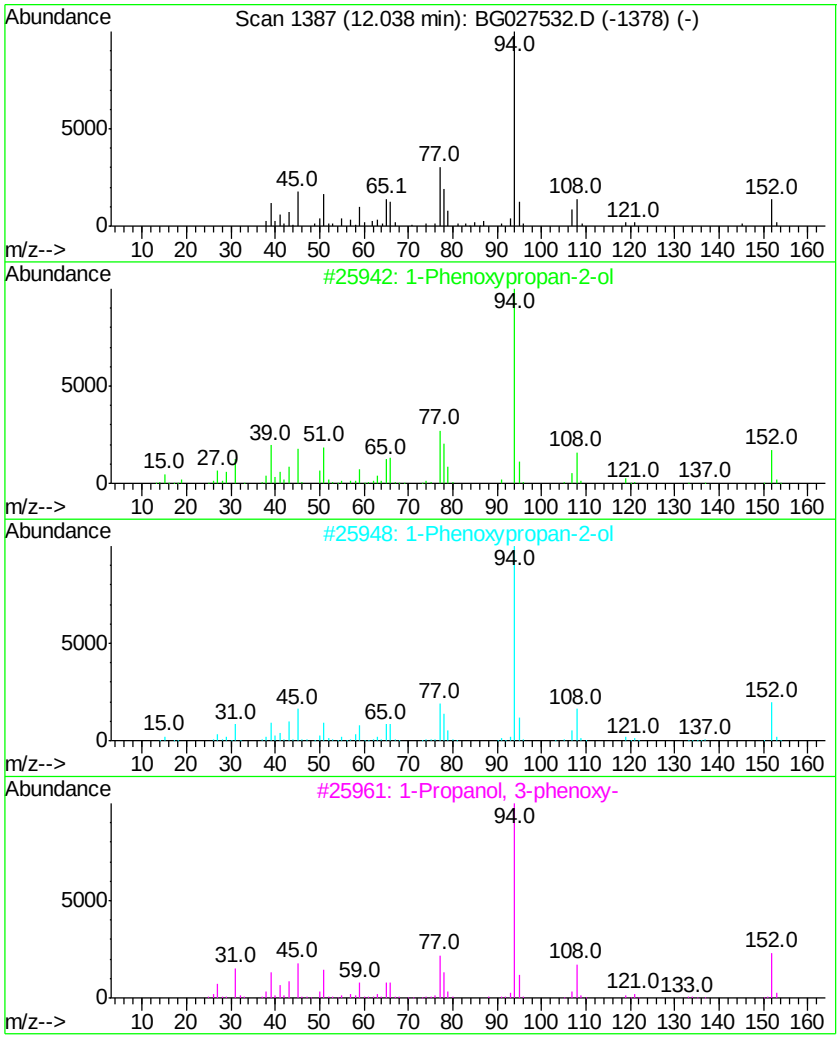
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

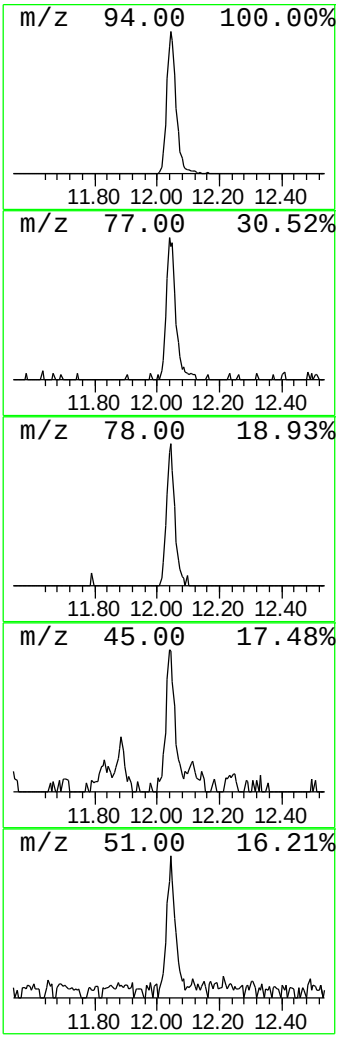
****

Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.39 ng/ul	137660	Naphthalene-d8	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	59
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027532.D
Acq On : 19 Jun 2017 16:57
Operator : SJ/MA
Sample : I3658-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC80

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

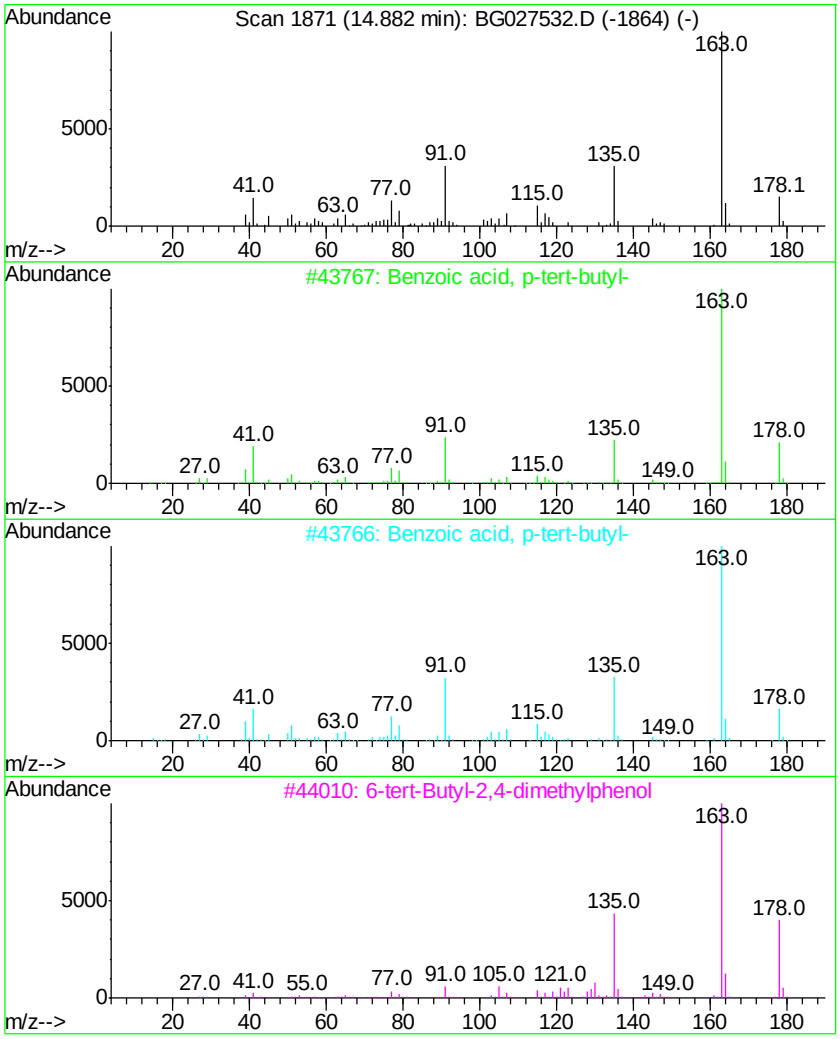
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

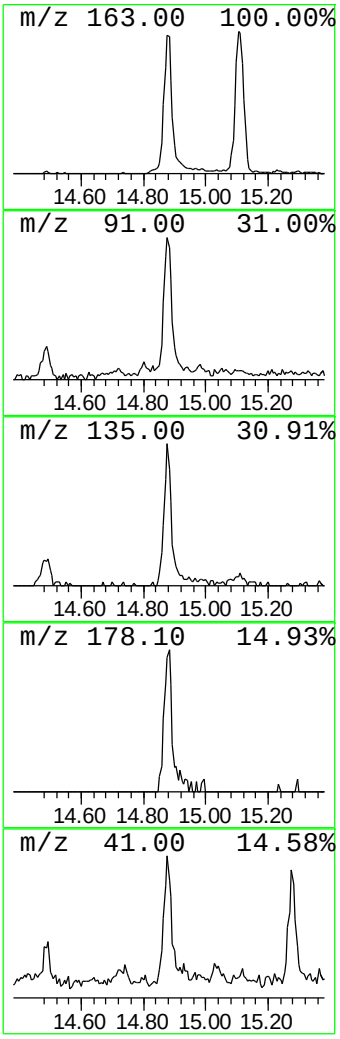
****

Peak Number 6 Benzoic acid, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	4.61 ng/ul	137553	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	95
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	74
4	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	53
5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	52





Tentatively Identified Compound (LSC) summary

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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
Mesitylene	8.16	6.5	ng/ul	80681	1	8.52	247320	20.0
Benzene, 1,2,3-tr...	8.63	5.2	ng/ul	64829	1	8.52	247320	20.0
Benzene, 2-ethyl-...	9.61	2.6	ng/ul	32324	1	8.52	247320	20.0
Benzene, 1-etheny...	10.72	2.5	ng/ul	53545	2	11.34	430603	20.0
1-Phenoxypropan-2-ol	12.04	6.4	ng/ul	137660	2	11.34	430603	20.0
Benzoic acid, p-t...	14.88	4.6	ng/ul	137553	3	15.10	597075	20.0