LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034691.D
Acq On : 20 Sep 2019 16:08
Operator : JC/SP
Sample : K4948-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.174	21	26	41	rBV	41875	44072	0.20%	0.090%
2	1.389	86	93	110	rBV	330755	378484	1.74%	0.770%
3	1.669	173	180	196	rVB	268128	337458	1.55%	0.687%
4	2.257	353	363	375	rVB	502526	771877	3.54%	1.570%
5	2.434	411	418	430	rBV	29544	50283	0.23%	0.102%
6	2.556	453	456	458	rBV3	1928	1179	0.01%	0.002%
7	2.643	481	483	488	rVB5	1468	1077	0.00%	0.002%
8	2.675	491	493	494	rBV2	1406	697	0.00%	0.001%
9	2.772	521	523	525	rBV4	1095	616	0.00%	0.001%
10	2.784	525	527	529	rVV3	1600	988	0.00%	0.002%
11	2.820	529	538	549	rVV6	7822	16406	0.08%	0.033%
12	2.887	553	559	561	rBV5	1961	2252	0.01%	0.005%
13	2.961	575	582	595	rVV6	9440	18942	0.09%	0.039%
14	3.010	595	597	599	rVB2	1520	711	0.00%	0.001%
15	3.045	599	608	614	rBV10	1883	3455	0.02%	0.007%
16	3.103	622	626	631	rVB7	1578	1280	0.01%	0.003%
17	3.154	638	642	644	rBV3	990	727	0.00%	0.001%
18	3.251	670	672	675	rBV3	824	632	0.00%	0.001%
19	3.267	675	677	679	rBV3	723	468	0.00%	0.001%
20	3.280	679	681	685	rVB3	1312	622	0.00%	0.001%
21	3.325	690	695	698	rBV6	1406	1300	0.01%	0.003%
22	3.350	701	703	704	rBV2	1376	505	0.00%	0.001%
23	3.450	731	734	738	rBV4	957	848	0.00%	0.002%
24	3.498	747	749	751	rBV3	823	530	0.00%	0.001%
25	3.514	751	754	760	rVB7	1037	1013	0.00%	0.002%
26	3.550	763	765	771	rVB7	1612	1238	0.01%	0.003%
27	3.575	771	773	775	rBV2	819	594	0.00%	0.001%
28	3.588	775	777	780	rVB4	927	545	0.00%	0.001%
29	3.620	786	787	793	rVB4	1159	590	0.00%	0.001%
30	3.659	795	799	800	rBV2	1676	933	0.00%	0.002%
31	3.704	811	813	816	rBV3	989	651	0.00%	0.001%
32	3.730	816	821	823	rBV4	1507	1185	0.01%	0.002%
33	3.772	830	834	836	rVB5	1364	766	0.00%	0.002%
34	3.820	846	849	852	rVB4	1697	817	0.00%	0.002%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

35	3.890	869	871	872	rBV2	1024	481	0.00%	0.001%
36	3.900	872	874	879	rVB4	1730	1208	0.01%	0.002%
37	4.099	934	936	939	rVB4	1753	870	0.00%	0.002%
38	4.196	939	966	1022	rBV	8648987	21797501	100.00%	44.345%
39	4.624	1085	1099	1121	rVB	362519	851559	3.91%	1.732%
40	5.042	1227	1229	1233	rBV5	1548	836	0.00%	0.002%
41	5.103	1245	1248	1252	rBV4	1396	764	0.00%	0.002%
42	5.183	1271	1273	1274	rVV2	1471	724	0.00%	0.001%
43	5.206	1277	1280	1281	rBV2	1422	759	0.00%	0.002%
44	5.315	1290	1314	1341	rBV2	756835	2267688	10.40%	4.613%
45	5.636	1411	1414	1415	rBV3	1597	747	0.00%	0.002%
46	5.704	1433	1435	1440	rBV5	1105	910	0.00%	0.002%
47	5.861	1453	1484	1509	rBV	779065	2329182	10.69%	4.739%
48	6.164	1566	1578	1599	rVB	596081	1167042	5.35%	2.374%
49	6.305	1611	1622	1643	rVB	532853	1057780	4.85%	2.152%
50	7.048	1851	1853	1857	rBV3	1451	816	0.00%	0.002%
51	7.070	1857	1860	1862	rVB3	1830	1099	0.01%	0.002%
52	7.090	1862	1866	1869	rBV5	2212	1545	0.01%	0.003%
53	7.205	1890	1902	1926	rBV	317006	584792	2.68%	1.190%
54	7.443	1972	1976	1978	rBV4	1965	1604	0.01%	0.003%
55	7.498	1988	1993	1994	rBV4	1923	1712	0.01%	0.003%
56	7.543	1994	2007	2028	rBV	1014130	1764600	8.10%	3.590%
57	7.791	2081	2084	2085	rBV3	1638	828	0.00%	0.002%
58	7.829	2085	2096	2120	rVV	217293	399743	1.83%	0.813%
59	8.093	2176	2178	2181	rBV3	1444	644	0.00%	0.001%
60	8.122	2185	2187	2190	rBV3	1216	902	0.00%	0.002%
61	8.141	2190	2193	2195	rBV3	1954	1327	0.01%	0.003%
62	8.205	2195	2213	2229	rBV	4517695	7638328	35.04%	15.540%
63	8.289	2230	2239	2268	rVB	753397	1371038	6.29%	2.789%
64	8.498	2302	2304	2305	rBV	1870	537	0.00%	0.001%
65	8.681	2359	2361	2364	rVB4	1231	578	0.00%	0.001%
66	8.810	2399	2401	2406	rBV5	1443	1086	0.00%	0.002%
67	8.890	2421	2426	2432	rBV7	2435	2583	0.01%	0.005%
68	9.012	2461	2464	2466	rBV3	1319	964	0.00%	0.002%
69	9.067	2469	2481	2510	rVV	976837	1651057	7.57%	3.359%
70	9.315	2555	2558	2561	rBV4	1678	1024	0.00%	0.002%
71	9.492	2610	2613	2618	rBV5	1627	1346	0.01%	0.003%

LSC Area Percent Report

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Sample : K4948-02
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	9.752	2688	2694	2695	rBV5	3349	2722	0.01%	0.006%
73	9.893	2736	2738	2740	rVB3	1477	610	0.00%	0.001%
74	9.929	2746	2749	2751	rBV4	1896	1336	0.01%	0.003%
75	10.019	2771	2777	2780	rBV7	2596	3483	0.02%	0.007%
76	10.192	2828	2831	2833	rVB2	1329	714	0.00%	0.001%
77	10.209	2833	2836	2837	rBV3	1406	819	0.00%	0.002%
78	10.270	2853	2855	2857	rBV2	993	477	0.00%	0.001%
79	10.302	2862	2865	2866	rBV3	1052	561	0.00%	0.001%
80	10.331	2871	2874	2875	rBV2	1340	715	0.00%	0.001%
81	10.408	2885	2898	2924	rBV	665250	1085332	4.98%	2.208%
82	10.533	2934	2937	2938	rBV2	1674	913	0.00%	0.002%
83	10.553	2941	2943	2945	rBV3	1174	617	0.00%	0.001%
84	10.639	2968	2970	2972	rBV3	1475	921	0.00%	0.002%
85	10.729	2990	2998	3001	rBV6	2455	3714	0.02%	0.008%
86	10.755	3001	3006	3011	rVB7	3336	4128	0.02%	0.008%
87	10.990	3077	3079	3083	rBV4	1681	1082	0.00%	0.002%
88	11.025	3088	3090	3094	rBV4	1002	789	0.00%	0.002%
89	11.202	3143	3145	3147	rBV2	1484	797	0.00%	0.002%
90	11.295	3170	3174	3183	rBV10	3357	5060	0.02%	0.010%
91	11.334	3184	3186	3190	rVB5	2661	1707	0.01%	0.003%
92	11.459	3214	3225	3246	rBV	965058	1549129	7.11%	3.152%
93	11.713	3301	3304	3307	rBV4	1675	1159	0.01%	0.002%
94	11.836	3330	3342	3366	rBV2	927807	1543051	7.08%	3.139%
95	12.688	3599	3607	3621	rVB10	12061	25827	0.12%	0.053%
96	13.106	3731	3737	3752	rVB7	32984	56247	0.26%	0.114%
97	13.491	3849	3857	3870	rBV7	16579	39364	0.18%	0.080%
98	14.125	4049	4054	4070	rVB4	31570	53073	0.24%	0.108%
99	15.896	4599	4605	4618	rVB2	53371	84447	0.39%	0.172%
100	16.038	4642	4649	4656	rBV3	83627	135135	0.62%	0.275%

Sum of corrected areas: 49153874

LSC Report - Integrated Chromatogram

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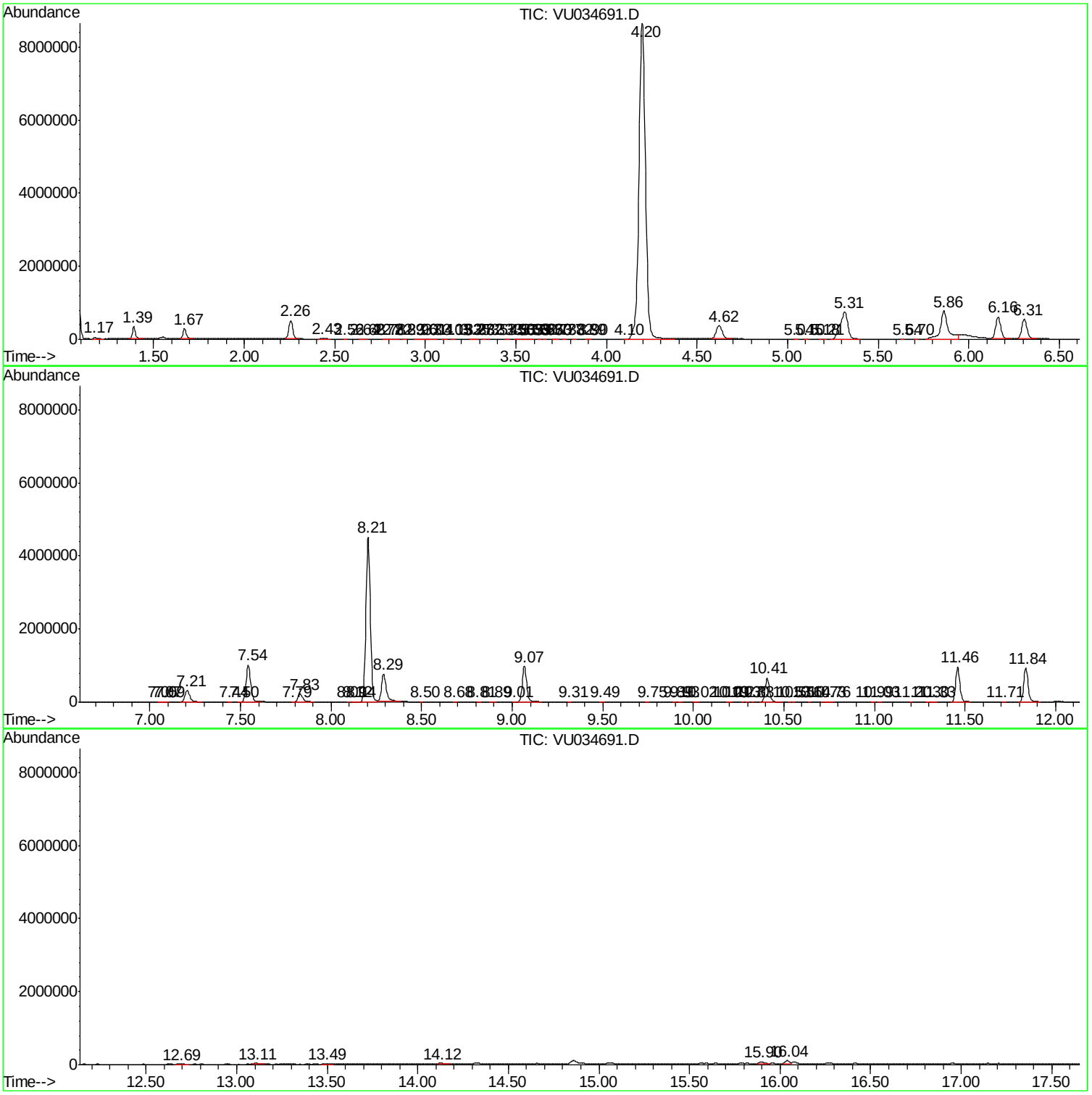
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

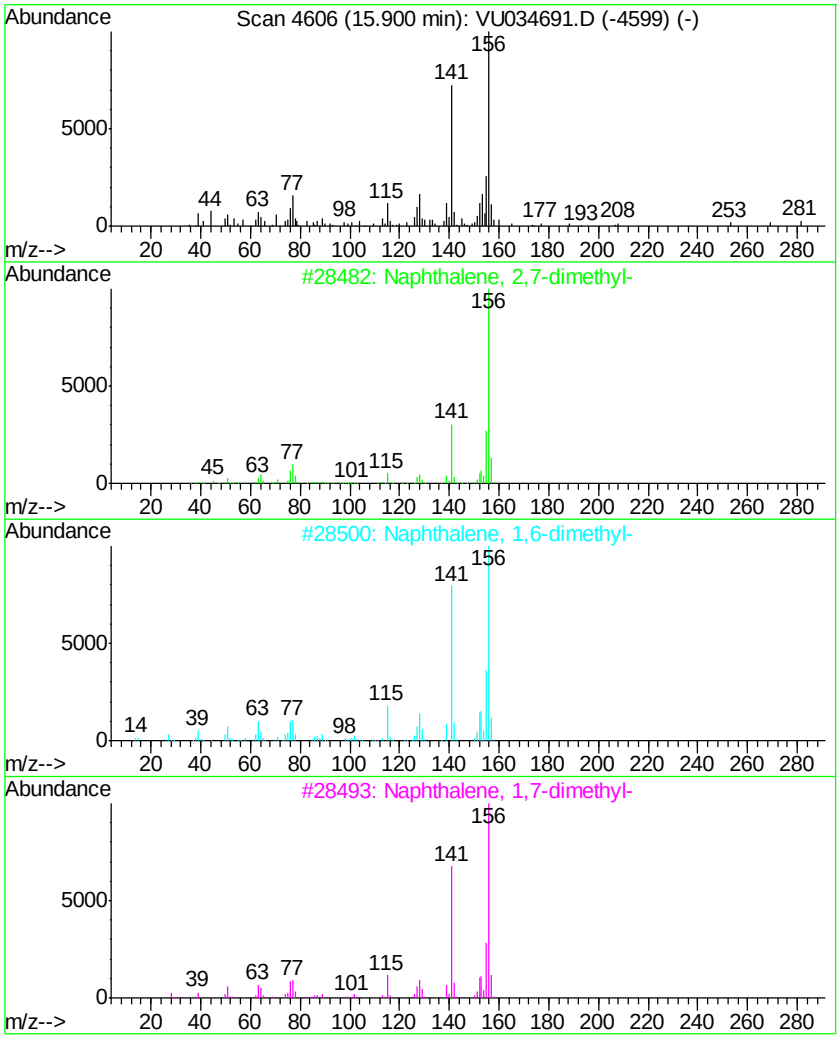
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

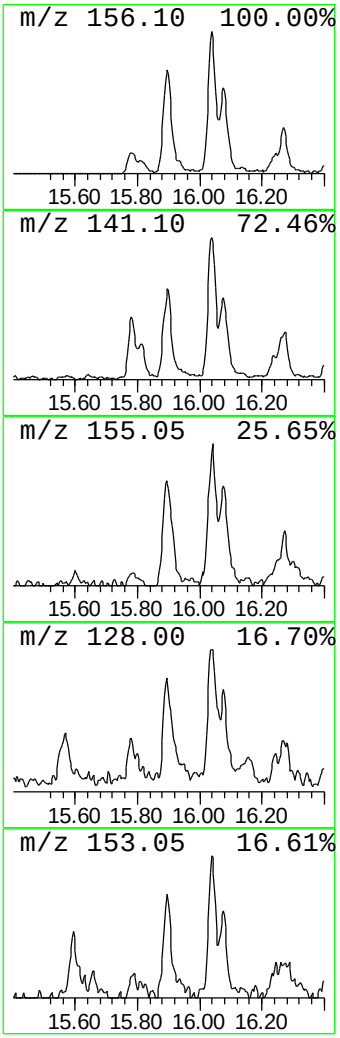
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.73 ug/L	84447	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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ClientSampleId : BEDN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

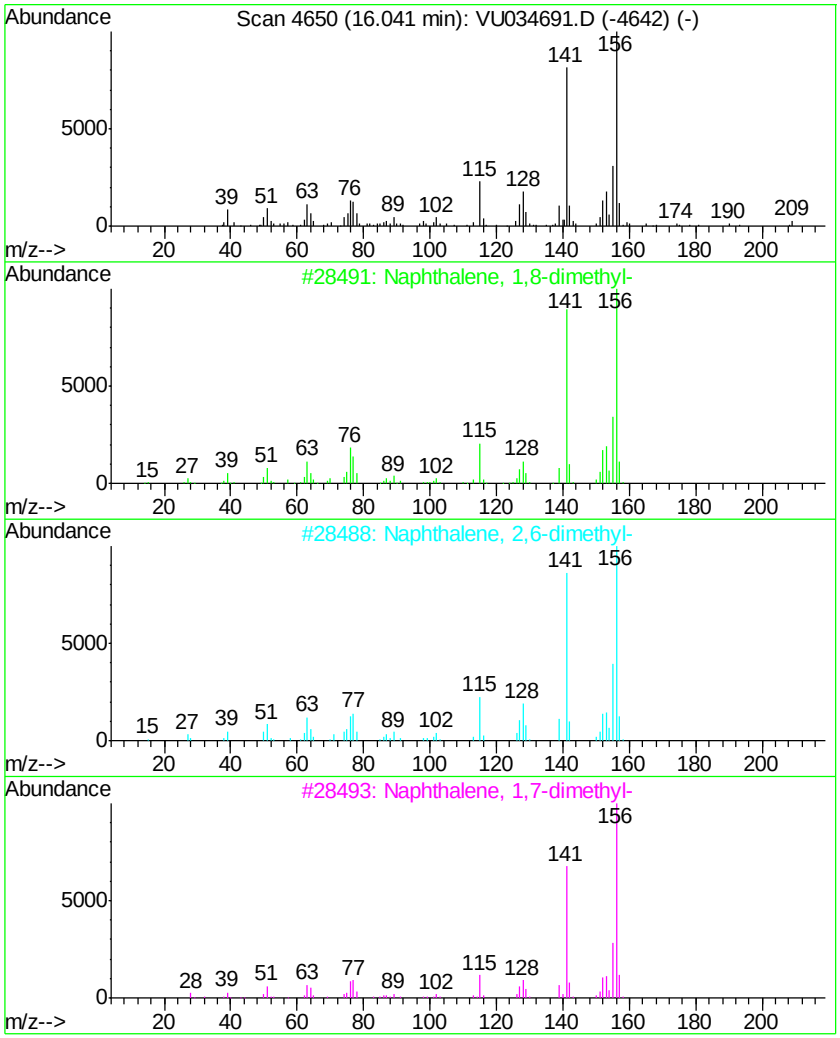
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

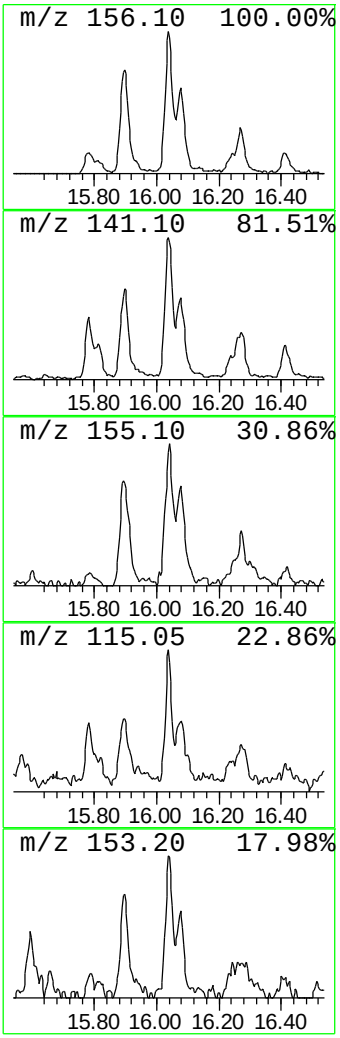
****

Peak Number 3 Naphthalene, 1,8-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.36 ug/L	135135	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,7-...	15.90	2.7	ug/L	84447	3	11.46	1549130	50.0
Naphthalene, 1,8-...	16.04	4.4	ug/L	135135	3	11.46	1549130	50.0