LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

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\SOMULM011420WMA.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	1.614	78	85	94	rBV	209528	216406	11.79%	1.324%
2	1.929	176	183	197	rVB	177709	234197	12.76%	1.433%
3	2.591	377	389	406	rBV	350234	587670	32.01%	3.595%
4	3.074	535	539	544	rBV6	2640	3189	0.17%	0.020%
5	3.125	553	555	556	rBV	639	234	0.01%	0.001%
6	3.154	562	564	569	rBV2	413	352	0.02%	0.002%
7	3.225	573	586	597	rBV2	8606	18806	1.02%	0.115%
8	3.286	602	605	608	rBV3	700	483	0.03%	0.003%
9	3.376	630	633	635	rBV2	552	324	0.02%	0.002%
10	3.482	662	666	668	rBV3	726	412	0.02%	0.003%
11	3.572	691	694	696	rBV2	533	322	0.02%	0.002%
12	3.778	754	758	760	rVB2	551	368	0.02%	0.002%
13	3.829	771	774	778	rBV2	597	470	0.03%	0.003%
14	3.897	793	795	797	rBV	444	273	0.01%	0.002%
15	3.968	813	817	822	rBV3	686	849	0.05%	0.005%
16	4.019	830	833	835	rBV2	700	353	0.02%	0.002%
17	4.112	858	862	864	rBV3	430	264	0.01%	0.002%
18	4.273	909	912	916	rBV2	816	634	0.03%	0.004%
19	4.315	921	925	928	rVV2	563	385	0.02%	0.002%
20	4.363	937	940	943	rBV2	699	398	0.02%	0.002%
21	4.405	950	953	957	rVB2	522	375	0.02%	0.002%
22	4.431	957	961	963	rBV2	926	751	0.04%	0.005%
23	4.543	993	996	1002	rVB4	734	657	0.04%	0.004%
24	4.623	1019	1021	1023	rBV2	697	319	0.02%	0.002%
25	4.678	1023	1038	1059	rBV	196137	470986	25.65%	2.881%
26	4.984	1129	1133	1134	rBV2	506	384	0.02%	0.002%
27	5.109	1155	1172	1197	rBV2	348350	763675	41.59%	4.671%
28	5.556	1309	1311	1315	rBV2	756	503	0.03%	0.003%
29	5.578	1315	1318	1324	rVB3	794	477	0.03%	0.003%
30	5.604	1324	1326	1327	rBV2	622	268	0.01%	0.002%
31	5.649	1337	1340	1342	rBV2	717	438	0.02%	0.003%
32	5.678	1344	1349	1350	rBV2	582	394	0.02%	0.002%
33	5.765	1356	1376	1410	rBV2	691245	1836074	100.00%	11.231%
34	6.061	1465	1468	1470	rBV4	1215	825	0.04%	0.005%

LSC Area Percent Report

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Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

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\SOMULM011420WMA.M
Title : VOC Analysis

35	6.141	1488	1493	1494	rBV2	1205	801	0.04%	0.005%
36	6.289	1524	1539	1560	rBV	710148	1337187	72.83%	8.179%
37	6.565	1615	1625	1635	rVB7	5837	11513	0.63%	0.070%
38	6.729	1662	1676	1695	rBV	438504	846730	46.12%	5.179%
39	7.012	1761	1764	1770	rVB6	850	818	0.04%	0.005%
40	7.038	1770	1772	1774	rBV	543	234	0.01%	0.001%
41	7.067	1779	1781	1783	rBV2	647	408	0.02%	0.002%
42	7.138	1800	1803	1805	rVB3	825	403	0.02%	0.002%
43	7.154	1805	1808	1809	rBV	476	290	0.02%	0.002%
44	7.176	1813	1815	1820	rVB3	512	248	0.01%	0.002%
45	7.215	1820	1827	1828	rBV5	1831	1970	0.11%	0.012%
46	7.260	1837	1841	1845	rBV4	658	507	0.03%	0.003%
47	7.311	1855	1857	1862	rBV3	521	381	0.02%	0.002%
48	7.337	1862	1865	1867	rBV2	332	233	0.01%	0.001%
49	7.389	1879	1881	1884	rVB2	588	349	0.02%	0.002%
50	7.405	1884	1886	1888	rBV2	428	272	0.01%	0.002%
51	7.511	1914	1919	1923	rBV3	733	773	0.04%	0.005%
52	7.553	1927	1932	1933	rBV2	773	582	0.03%	0.004%
53	7.601	1934	1947	1968	rBV	268501	477185	25.99%	2.919%
54	7.929	2035	2049	2065	rBV	886058	1528435	83.24%	9.349%
55	8.212	2124	2137	2156	rBV	192080	332969	18.13%	2.037%
56	8.389	2190	2192	2194	rBV	462	257	0.01%	0.002%
57	8.405	2194	2197	2200	rBV2	558	395	0.02%	0.002%
58	8.453	2209	2212	2214	rVB2	583	310	0.02%	0.002%
59	8.482	2217	2221	2222	rBV3	448	302	0.02%	0.002%
60	8.520	2228	2233	2237	rBV2	686	510	0.03%	0.003%
61	8.585	2249	2253	2260	rVB6	1365	1532	0.08%	0.009%
62	8.617	2260	2263	2264	rBV	481	344	0.02%	0.002%
63	8.668	2266	2279	2307	rBV	574891	1100423	59.93%	6.731%
64	8.909	2349	2354	2358	rBV2	720	627	0.03%	0.004%
65	8.929	2358	2360	2363	rBV2	597	301	0.02%	0.002%
66	8.961	2367	2370	2374	rBV4	902	817	0.04%	0.005%
67	9.180	2433	2438	2442	rBV3	973	937	0.05%	0.006%
68	9.199	2442	2444	2450	rVB4	689	532	0.03%	0.003%
69	9.353	2487	2492	2495	rBV3	1089	801	0.04%	0.005%
70	9.446	2507	2521	2558	rVB	996414	1691492	92.13%	10.347%
71	9.659	2584	2587	2589	rBV2	1069	557	0.03%	0.003%

LSC Area Percent Report

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Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

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\SOMULM011420WMA.M
Title : VOC Analysis

72	9.723	2598	2607	2613	rVB7	3866	4990	0.27%	0.031%
73	9.768	2618	2621	2624	rBV3	655	498	0.03%	0.003%
74	9.807	2631	2633	2640	rVB4	778	649	0.04%	0.004%
75	9.906	2662	2664	2668	rBV2	561	328	0.02%	0.002%
76	9.929	2669	2671	2674	rVV	710	299	0.02%	0.002%
77	9.964	2679	2682	2684	rBV2	508	308	0.02%	0.002%
78	9.993	2688	2691	2693	rBV2	575	370	0.02%	0.002%
79	10.009	2693	2696	2700	rBV2	582	400	0.02%	0.002%
80	10.131	2726	2734	2746	rBV10	3254	6713	0.37%	0.041%
81	10.212	2757	2759	2761	rBV	624	321	0.02%	0.002%
82	10.340	2796	2799	2800	rBV	577	373	0.02%	0.002%
83	10.369	2804	2808	2812	rVV2	829	779	0.04%	0.005%
84	10.543	2860	2862	2864	rBV2	586	306	0.02%	0.002%
85	10.604	2876	2881	2884	rBV3	642	647	0.04%	0.004%
86	10.713	2912	2915	2916	rBV	622	312	0.02%	0.002%
87	10.781	2924	2936	2955	rVB	625825	1020377	55.57%	6.241%
88	10.877	2964	2966	2967	rBV2	580	251	0.01%	0.002%
89	10.900	2971	2973	2974	rBV2	651	304	0.02%	0.002%
90	11.186	3061	3062	3067	rVB2	520	250	0.01%	0.002%
91	11.212	3067	3070	3071	rBV	703	301	0.02%	0.002%
92	11.308	3098	3100	3102	rBV2	718	313	0.02%	0.002%
93	11.321	3102	3104	3106	rVV2	763	391	0.02%	0.002%
94	11.334	3106	3108	3111	rVB	804	353	0.02%	0.002%
95	11.491	3147	3157	3166	rBV4	4572	7922	0.43%	0.048%
96	11.832	3251	3263	3279	rVB	995694	1620818	88.28%	9.914%
97	12.215	3371	3382	3399	rVB	876810	1435764	78.20%	8.782%
98	14.105	3960	3970	3981	rVB	207158	319254	17.39%	1.953%
99	15.237	4313	4322	4340	rVB	171331	278754	15.18%	1.705%
100	15.427	4373	4381	4397	rVB	98478	161078	8.77%	0.985%

Sum of corrected areas: 16348363

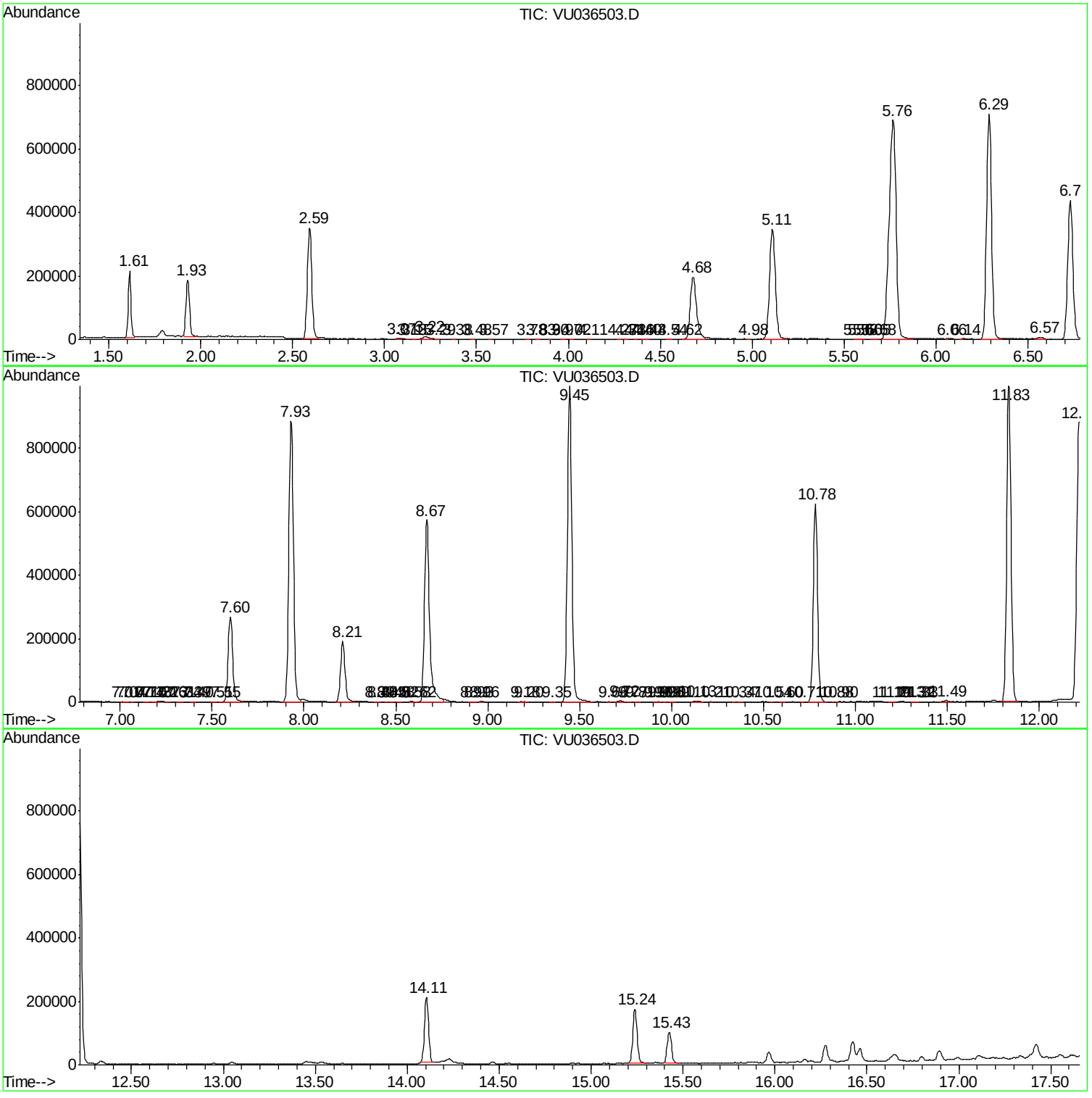
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

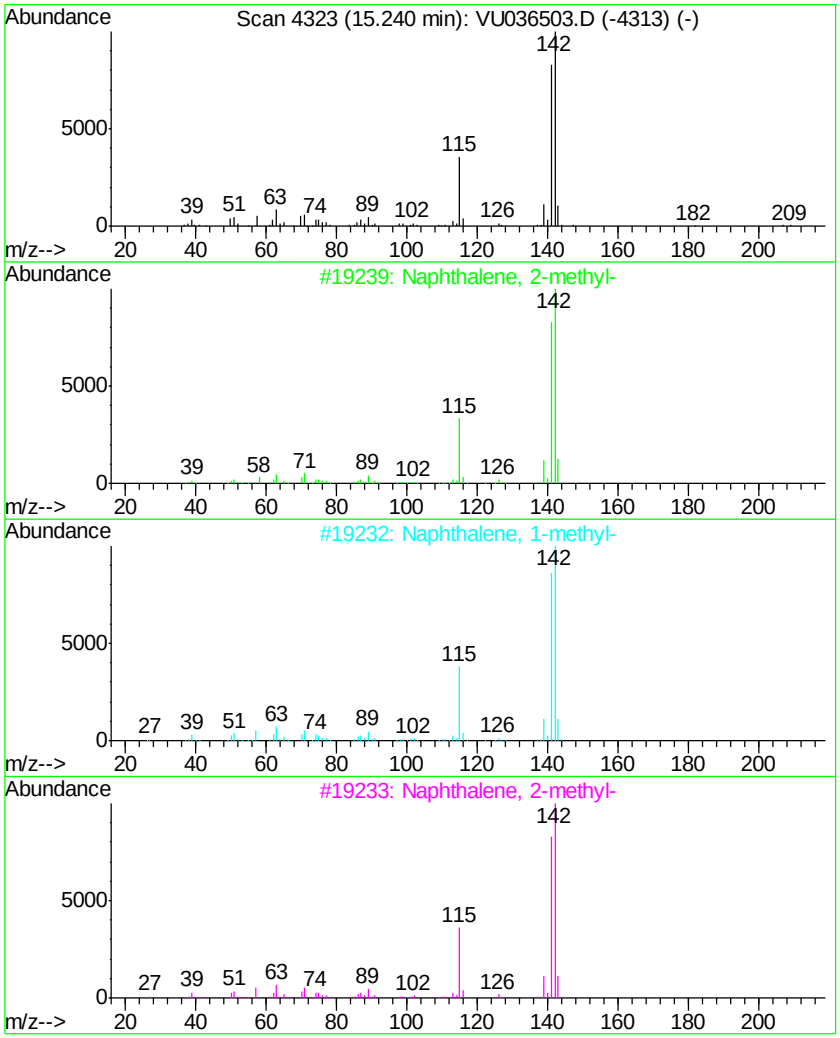
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

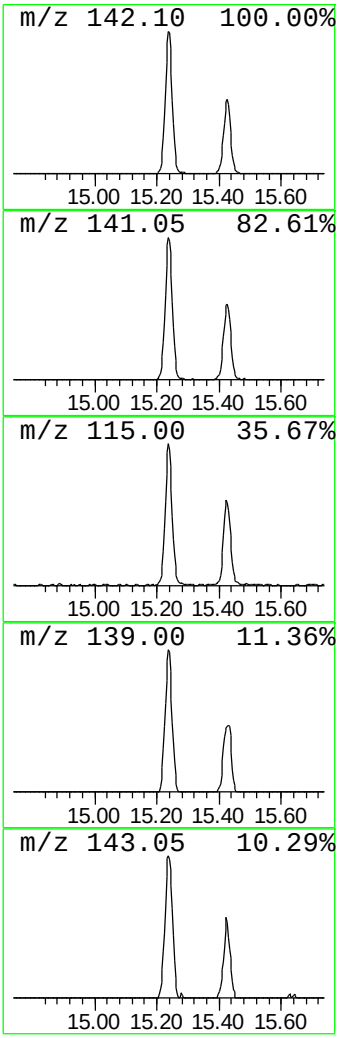
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	8.60 ug/L	278754	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

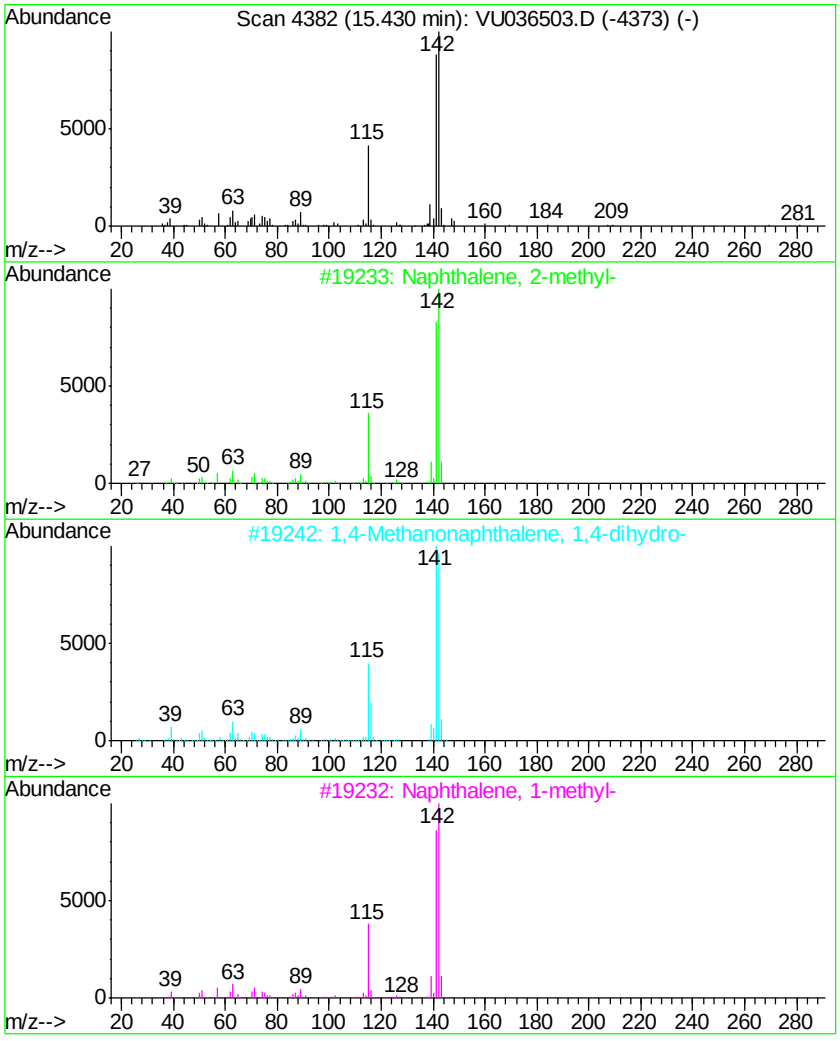
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

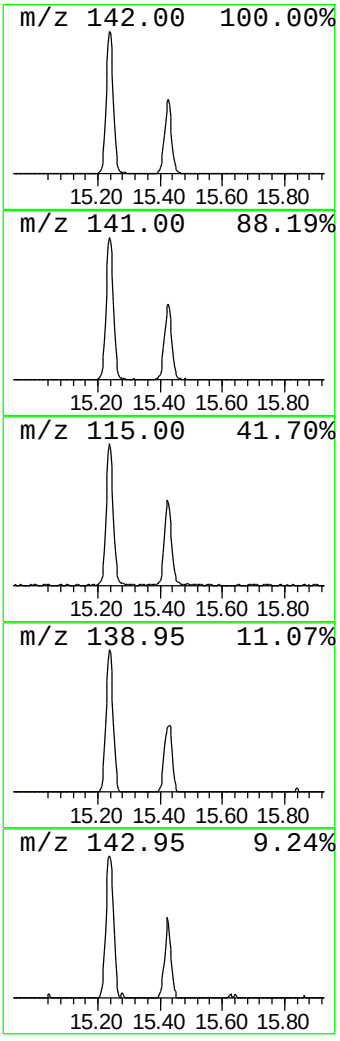
****

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.97 ug/L	161078	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036503.D
Acq On : 16 Jan 2020 15:52
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
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, 1-me...	15.24	8.6	ug/L	278754	3	11.83	1620820	50.0
Naphthalene, 2-me...	15.43	5.0	ug/L	161078	3	11.83	1620820	50.0