LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010399.D
Acq On : 19 Apr 2019 22:43
Operator : SY/MD
Sample : K2456-14
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN4

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_V\METHOD\SOM2VLM041819S.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	2.129	316	323	332	rVB	75194	104039	41.05%	4.937%
2	2.428	412	416	419	rBV3	721	613	0.24%	0.029%
3	2.537	438	450	465	rBV	17797	29788	11.75%	1.414%
4	2.653	481	486	490	rBV3	877	750	0.30%	0.036%
5	2.769	520	522	525	rBV	488	267	0.11%	0.013%
6	2.801	528	532	536	rVV4	551	533	0.21%	0.025%
7	2.823	536	539	544	rVB2	338	283	0.11%	0.013%
8	2.965	580	583	584	rBV2	429	229	0.09%	0.011%
9	3.042	605	607	609	rBV2	436	214	0.08%	0.010%
10	3.071	609	616	628	rVV6	2678	5526	2.18%	0.262%
11	3.122	630	632	638	rVB4	654	460	0.18%	0.022%
12	3.161	641	644	646	rBV2	628	311	0.12%	0.015%
13	3.428	725	727	729	rBV	493	279	0.11%	0.013%
14	3.463	735	738	741	rBV3	532	429	0.17%	0.020%
15	3.508	748	752	754	rBV3	334	263	0.10%	0.012%
16	3.637	789	792	796	rBV2	244	229	0.09%	0.011%
17	3.765	830	832	838	rVB3	327	247	0.10%	0.012%
18	3.875	860	866	869	rBV2	608	713	0.28%	0.034%
19	3.945	878	888	900	rBV	7872	18594	7.34%	0.882%
20	4.299	991	998	1001	rBV2	499	537	0.21%	0.025%
21	4.347	1011	1013	1015	rBV	398	242	0.10%	0.011%
22	4.408	1015	1032	1054	rVV2	44858	114081	45.01%	5.413%
23	4.682	1114	1117	1119	rBV3	432	201	0.08%	0.010%
24	4.707	1123	1125	1130	rVB2	458	423	0.17%	0.020%
25	4.769	1142	1144	1151	rVB2	368	382	0.15%	0.018%
26	4.801	1151	1154	1157	rBV2	461	242	0.10%	0.011%
27	4.820	1157	1160	1165	rBV2	547	461	0.18%	0.022%
28	4.904	1183	1186	1188	rBV	690	304	0.12%	0.014%
29	4.984	1208	1211	1213	rBV2	418	304	0.12%	0.014%
30	5.097	1231	1246	1273	rBV4	98056	253459	100.00%	12.027%
31	5.325	1315	1317	1319	rBV2	482	216	0.09%	0.010%
32	5.428	1343	1349	1352	rBV4	574	569	0.22%	0.027%
33	5.524	1374	1379	1380	rBV2	559	488	0.19%	0.023%
34	5.563	1387	1391	1394	rBV	499	418	0.16%	0.020%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN4

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_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

35	5.595	1399	1401	1405	rVB3	398	308	0.12%	0.015%
36	5.666	1410	1423	1440	rBV3	95542	201879	79.65%	9.580%
37	5.897	1491	1495	1496	rBV2	639	316	0.12%	0.015%
38	5.942	1506	1509	1511	rBV3	1225	978	0.39%	0.046%
39	6.003	1525	1528	1531	rVB2	585	332	0.13%	0.016%
40	6.048	1540	1542	1545	rVB	496	331	0.13%	0.016%
41	6.068	1545	1548	1551	rBV2	624	444	0.18%	0.021%
42	6.119	1551	1564	1591	rVV2	54618	118705	46.83%	5.633%
43	6.328	1626	1629	1632	rBV2	412	261	0.10%	0.012%
44	6.344	1632	1634	1641	rVB2	810	605	0.24%	0.029%
45	6.389	1645	1648	1651	rVB2	439	264	0.10%	0.013%
46	6.476	1673	1675	1680	rBV2	321	247	0.10%	0.012%
47	6.505	1682	1684	1691	rBV2	308	271	0.11%	0.013%
48	6.537	1691	1694	1697	rBV2	351	284	0.11%	0.013%
49	6.630	1720	1723	1727	rBV2	371	308	0.12%	0.015%
50	6.695	1740	1743	1745	rBV2	553	477	0.19%	0.023%
51	6.794	1769	1774	1775	rBV2	716	547	0.22%	0.026%
52	6.817	1776	1781	1797	rVB8	2776	5101	2.01%	0.242%
53	7.032	1837	1848	1869	rBV3	28197	51982	20.51%	2.467%
54	7.231	1906	1910	1913	rBV2	482	366	0.14%	0.017%
55	7.299	1925	1931	1937	rBV5	1174	1918	0.76%	0.091%
56	7.363	1938	1951	1967	rBV	113966	209016	82.47%	9.918%
57	7.614	2025	2029	2033	rVB3	445	431	0.17%	0.020%
58	7.666	2033	2045	2059	rBV4	17225	31545	12.45%	1.497%
59	7.923	2123	2125	2128	rBV2	508	280	0.11%	0.013%
60	8.138	2184	2192	2213	rBV4	20537	48174	19.01%	2.286%
61	8.350	2254	2258	2263	rVB2	730	557	0.22%	0.026%
62	8.502	2303	2305	2309	rBV2	344	234	0.09%	0.011%
63	8.601	2334	2336	2340	rVB2	546	267	0.11%	0.013%
64	8.704	2365	2368	2373	rBV4	578	507	0.20%	0.024%
65	8.897	2418	2428	2449	rBV	135341	238901	94.26%	11.336%
66	9.058	2475	2478	2480	rBV2	682	381	0.15%	0.018%
67	9.190	2517	2519	2524	rVB	548	331	0.13%	0.016%
68	9.267	2541	2543	2546	rBV4	427	207	0.08%	0.010%
69	9.505	2615	2617	2620	rBV2	442	304	0.12%	0.014%
70	9.604	2645	2648	2653	rVB2	615	445	0.18%	0.021%
71	9.862	2724	2728	2731	rBV3	547	417	0.16%	0.020%

LSC Area Percent Report

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ClientSampleId : GAHN4

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_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

72	10.019	2772	2777	2780	rBV2	438	436	0.17%	0.021%
73	10.038	2781	2783	2786	rBV2	367	202	0.08%	0.010%
74	10.154	2814	2819	2821	rBV2	651	451	0.18%	0.021%
75	10.209	2833	2836	2841	rVB2	502	357	0.14%	0.017%
76	10.264	2841	2853	2871	rBV2	55763	91414	36.07%	4.338%
77	10.341	2874	2877	2880	rBV	410	284	0.11%	0.013%
78	10.431	2897	2905	2914	rVB3	3359	5809	2.29%	0.276%
79	10.591	2953	2955	2959	rBV	618	362	0.14%	0.017%
80	11.042	3091	3095	3100	rVB5	949	797	0.31%	0.038%
81	11.096	3108	3112	3115	rBV2	577	489	0.19%	0.023%
82	11.138	3122	3125	3128	rBV2	411	269	0.11%	0.013%
83	11.299	3162	3175	3195	rVB2	114252	203850	80.43%	9.673%
84	11.434	3215	3217	3218	rBV2	587	297	0.12%	0.014%
85	11.588	3262	3265	3270	rBV4	1003	667	0.26%	0.032%
86	11.675	3281	3292	3313	rVB	114120	191264	75.46%	9.076%
87	11.752	3313	3316	3318	rBV	538	283	0.11%	0.013%
88	11.842	3342	3344	3347	rBV2	605	334	0.13%	0.016%
89	11.862	3347	3350	3353	rVV	365	235	0.09%	0.011%
90	12.042	3404	3406	3409	rBV	661	362	0.14%	0.017%
91	12.135	3432	3435	3438	rBV	454	317	0.13%	0.015%
92	12.701	3609	3611	3614	rBV	634	245	0.10%	0.012%
93	12.813	3644	3646	3650	rVB	650	324	0.13%	0.015%
94	12.894	3666	3671	3676	rBV3	541	749	0.30%	0.036%
95	13.456	3844	3846	3850	rBV2	642	399	0.16%	0.019%
96	13.556	3869	3877	3891	rVB2	19205	30988	12.23%	1.470%
97	13.903	3981	3985	3987	rBV	947	823	0.32%	0.039%
98	14.685	4220	4228	4239	rVB	47095	71267	28.12%	3.382%
99	14.868	4278	4285	4296	rVB	27408	42113	16.62%	1.998%
100	15.238	4396	4400	4404	rBV	14163	7984	3.15%	0.379%

Sum of corrected areas: 2107386

LSC Report - Integrated Chromatogram

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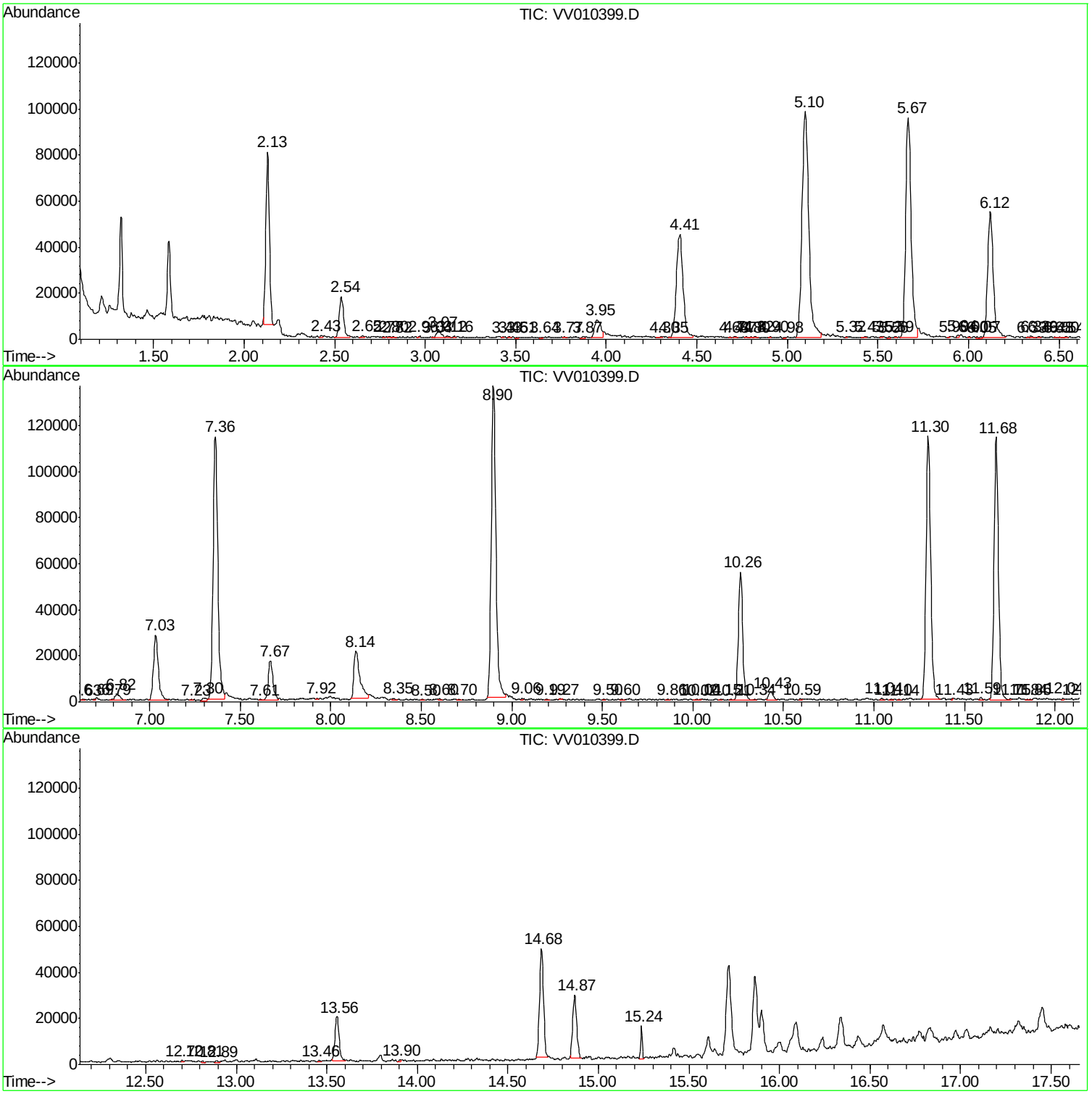
Operator : SY/MD
Sample : K2456-14
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

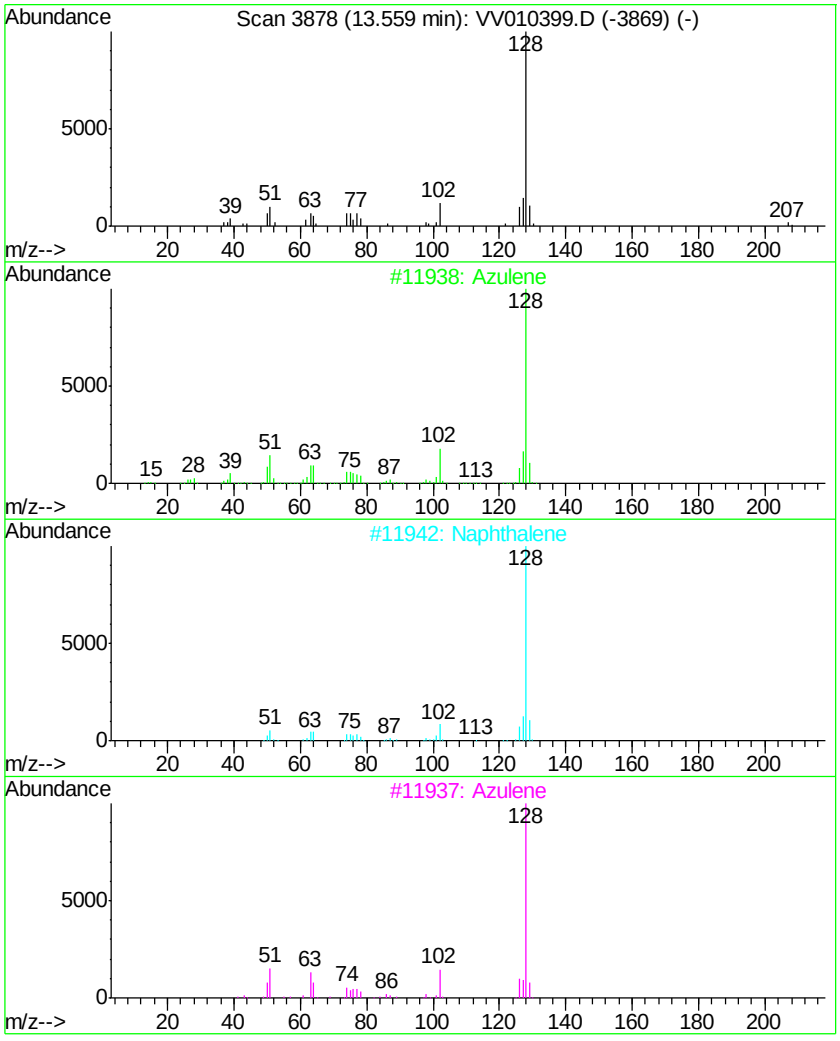
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

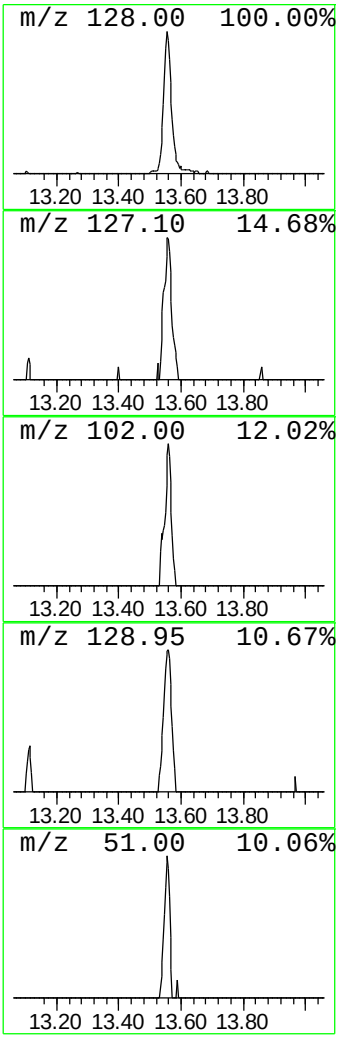
****

Peak Number 2 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.80 ug/L	30988	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	91
2	Naphthalene	128	C10H8	000091-20-3	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

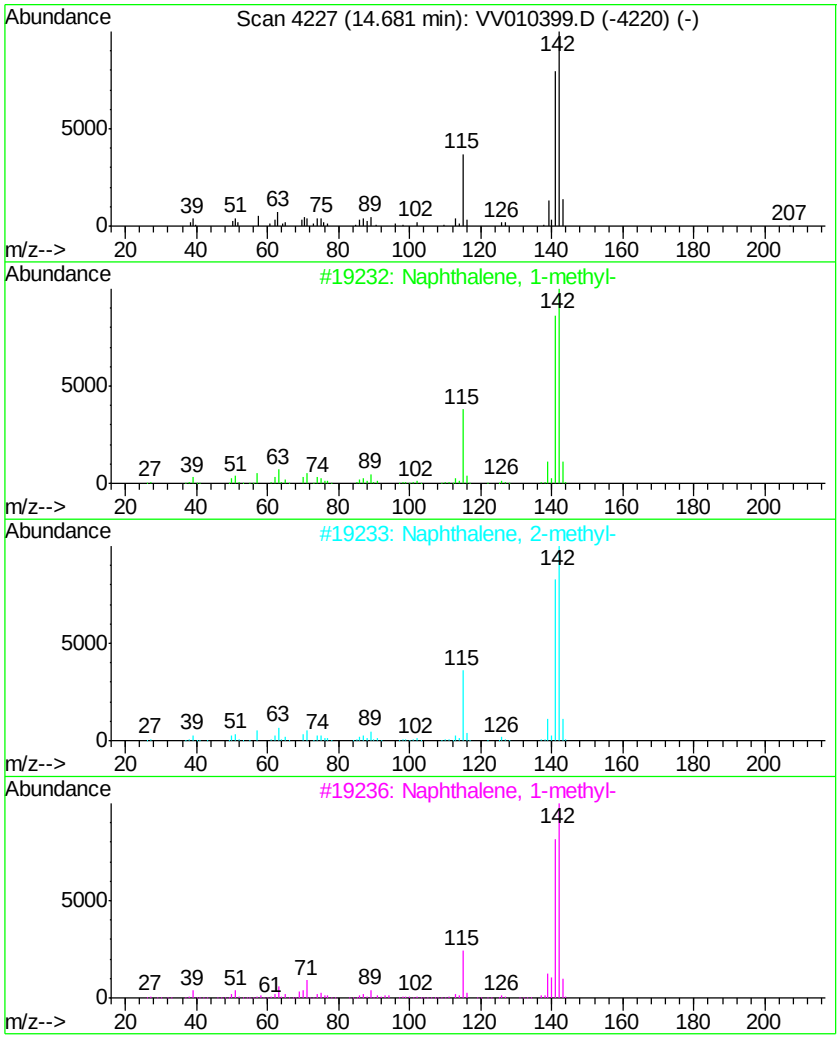
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

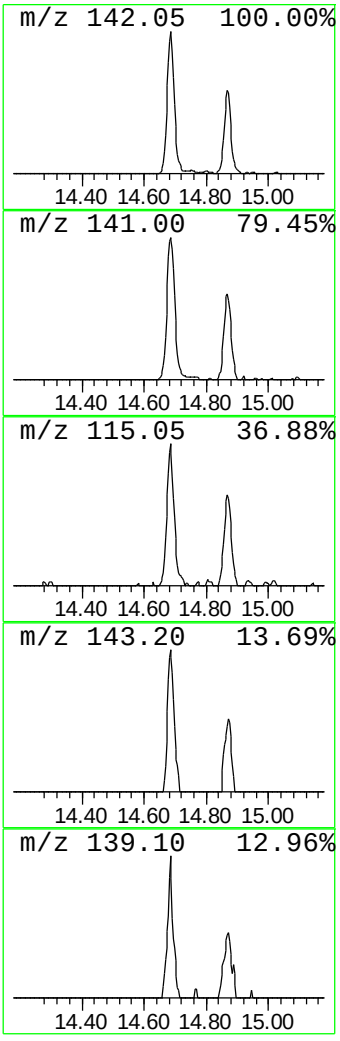
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	8.74 ug/L	71267	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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
Azulene	13.56	3.8	ug/L	30988	3	11.30	203850	25.0
Naphthalene, 1-me...	14.68	8.7	ug/L	71267	3	11.30	203850	25.0