LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060213.D
Acq On : 26 Jul 2024 08:09
Operator : MD/SY
Sample : P3347-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ4

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\SFAMULM070224WMA.M
Title : VOC Analysis

Signal : TIC: VU060213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.560	384	395	411	rBV	142710	230901	33.48%	3.585%
2	2.788	458	466	479	rVB	8290	14193	2.06%	0.220%
3	3.332	633	635	637	rBV	397	204	0.03%	0.003%
4	3.418	658	662	663	rBV	347	264	0.04%	0.004%
5	3.618	721	724	726	rBV2	289	190	0.03%	0.003%
6	3.685	743	745	748	rBV2	287	157	0.02%	0.002%
7	3.846	790	795	796	rBV	201	139	0.02%	0.002%
8	3.936	820	823	825	rBV	165	99	0.01%	0.002%
9	3.991	837	840	842	rBV	172	99	0.01%	0.002%
10	4.100	868	874	877	rBV2	362	394	0.06%	0.006%
11	4.177	896	898	902	rBV2	224	158	0.02%	0.002%
12	4.306	933	938	941	rBV	377	302	0.04%	0.005%
13	4.332	941	946	952	rVV2	291	404	0.06%	0.006%
14	4.399	958	967	970	rBV2	271	432	0.06%	0.007%
15	4.422	970	974	977	rBV	242	239	0.03%	0.004%
16	4.534	1007	1009	1011	rVB	153	62	0.01%	0.001%
17	4.547	1011	1013	1016	rBV2	174	123	0.02%	0.002%
18	4.621	1021	1036	1077	rBV	57261	162063	23.50%	2.516%
19	5.055	1156	1171	1195	rBV	118611	262961	38.12%	4.082%
20	5.180	1208	1210	1214	rVB	443	222	0.03%	0.003%
21	5.203	1214	1217	1219	rVB2	394	161	0.02%	0.002%
22	5.348	1259	1262	1265	rBV	271	231	0.03%	0.004%
23	5.380	1270	1272	1275	rBV	134	100	0.01%	0.002%
24	5.483	1299	1304	1307	rBV2	322	368	0.05%	0.006%
25	5.586	1333	1336	1337	rBV	238	155	0.02%	0.002%
26	5.717	1357	1377	1410	rBV2	254571	689765	100.00%	10.708%
27	6.145	1507	1510	1516	rVB2	360	267	0.04%	0.004%
28	6.180	1517	1521	1522	rBV	288	166	0.02%	0.003%
29	6.242	1528	1540	1564	rBV	285141	550367	79.79%	8.544%
30	6.521	1624	1627	1629	rBV2	675	429	0.06%	0.007%
31	6.595	1648	1650	1651	rBV	147	76	0.01%	0.001%
32	6.682	1664	1677	1698	rBV	158027	309915	44.93%	4.811%
33	6.955	1759	1762	1768	rVB	192	139	0.02%	0.002%
34	6.984	1768	1771	1777	rVB	313	245	0.04%	0.004%
35	7.013	1778	1780	1785	rVB2	258	221	0.03%	0.003%
36	7.042	1785	1789	1790	rBV	211	108	0.02%	0.002%

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Instrument : MSVOA_U
ClientSampleId : C0AZ4

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\SFAMULM070224WMA.M
Title : VOC Analysis

37	7.071	1795	1798	1801	rBV2	179	131	0.02%	0.002%
38	7.100	1806	1807	1809	rBV2	104	56	0.01%	0.001%
39	7.200	1833	1838	1839	rBV2	493	299	0.04%	0.005%
40	7.309	1870	1872	1874	rBV2	193	105	0.02%	0.002%
41	7.373	1888	1892	1893	rBV	271	186	0.03%	0.003%
42	7.393	1897	1898	1901	rVB	195	56	0.01%	0.001%
43	7.447	1912	1915	1917	rBV	121	67	0.01%	0.001%
44	7.460	1917	1919	1927	rVB2	330	389	0.06%	0.006%
45	7.499	1927	1931	1934	rBV	289	260	0.04%	0.004%
46	7.560	1939	1950	1974	rBV	74277	134290	19.47%	2.085%
47	7.759	2010	2012	2017	rVB3	344	189	0.03%	0.003%
48	7.836	2031	2036	2041	rBV	175	203	0.03%	0.003%
49	7.891	2041	2053	2072	rBV	295489	520829	75.51%	8.085%
50	8.058	2103	2105	2106	rBV	229	74	0.01%	0.001%
51	8.174	2131	2141	2163	rBV	47884	85908	12.45%	1.334%
52	8.399	2209	2211	2214	rBV3	266	189	0.03%	0.003%
53	8.569	2261	2264	2266	rBV2	208	150	0.02%	0.002%
54	8.627	2271	2282	2324	rBV	162756	328525	47.63%	5.100%
55	8.862	2351	2355	2356	rBV3	445	305	0.04%	0.005%
56	9.158	2444	2447	2449	rBV	185	131	0.02%	0.002%
57	9.196	2455	2459	2462	rBV2	322	305	0.04%	0.005%
58	9.232	2465	2470	2473	rBV	226	225	0.03%	0.003%
59	9.283	2484	2486	2489	rBV	233	155	0.02%	0.002%
60	9.351	2504	2507	2509	rBV2	179	135	0.02%	0.002%
61	9.412	2514	2526	2553	rBV	399317	679779	98.55%	10.553%
62	9.602	2583	2585	2586	rBV2	257	115	0.02%	0.002%
63	9.659	2600	2603	2605	rBV	275	158	0.02%	0.002%
64	9.756	2629	2633	2637	rVB2	278	242	0.04%	0.004%
65	9.775	2637	2639	2641	rBV	169	111	0.02%	0.002%
66	9.846	2657	2661	2662	rBV	227	146	0.02%	0.002%
67	10.103	2738	2741	2742	rBV2	358	255	0.04%	0.004%
68	10.180	2759	2765	2768	rBV2	302	286	0.04%	0.004%
69	10.277	2792	2795	2796	rBV2	189	93	0.01%	0.001%
70	10.302	2800	2803	2808	rBV2	281	299	0.04%	0.005%
71	10.749	2929	2942	2970	rBV	225198	366318	53.11%	5.687%
72	10.888	2977	2985	2993	rBV2	1853	2850	0.41%	0.044%
73	10.955	3000	3006	3009	rBV2	302	414	0.06%	0.006%
74	11.026	3025	3028	3030	rBV2	246	168	0.02%	0.003%
75	11.113	3054	3055	3059	rBV	293	111	0.02%	0.002%
76	11.135	3059	3062	3063	rBV	200	89	0.01%	0.001%

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MSVOA_U
ClientSampleId :
C0AZ4

Integration Parameters: LSCINT.P
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Title : VOC Analysis

77	11.428	3150	3153	3155	rBV	283	217	0.03%	0.003%
78	11.537	3184	3187	3190	rBV	171	143	0.02%	0.002%
79	11.736	3246	3249	3252	rBV2	413	319	0.05%	0.005%
80	11.807	3259	3271	3298	rBV	364440	593639	86.06%	9.216%
81	12.087	3352	3358	3368	rVB4	3529	5394	0.78%	0.084%
82	12.142	3372	3375	3376	rBV2	372	221	0.03%	0.003%
83	12.187	3376	3389	3416	rBV	266335	445841	64.64%	6.921%
84	12.521	3490	3493	3496	rBV2	338	320	0.05%	0.005%
85	12.672	3536	3540	3541	rBV	382	268	0.04%	0.004%
86	12.978	3631	3635	3640	rBV2	558	513	0.07%	0.008%
87	13.804	3888	3892	3895	rBV	311	297	0.04%	0.005%
88	14.080	3966	3978	4005	rBV	314279	528937	76.68%	8.211%
89	14.206	4009	4017	4026	rVB3	16235	25883	3.75%	0.402%
90	14.392	4073	4075	4079	rBV	474	237	0.03%	0.004%
91	14.884	4222	4228	4234	rBV4	1520	2411	0.35%	0.037%
92	15.219	4325	4332	4355	rVB2	27252	46802	6.79%	0.727%
93	15.405	4381	4390	4413	rVB	41858	72017	10.44%	1.118%
94	17.090	4904	4914	4938	rVB	222039	367220	53.24%	5.701%

Sum of corrected areas: 6441594

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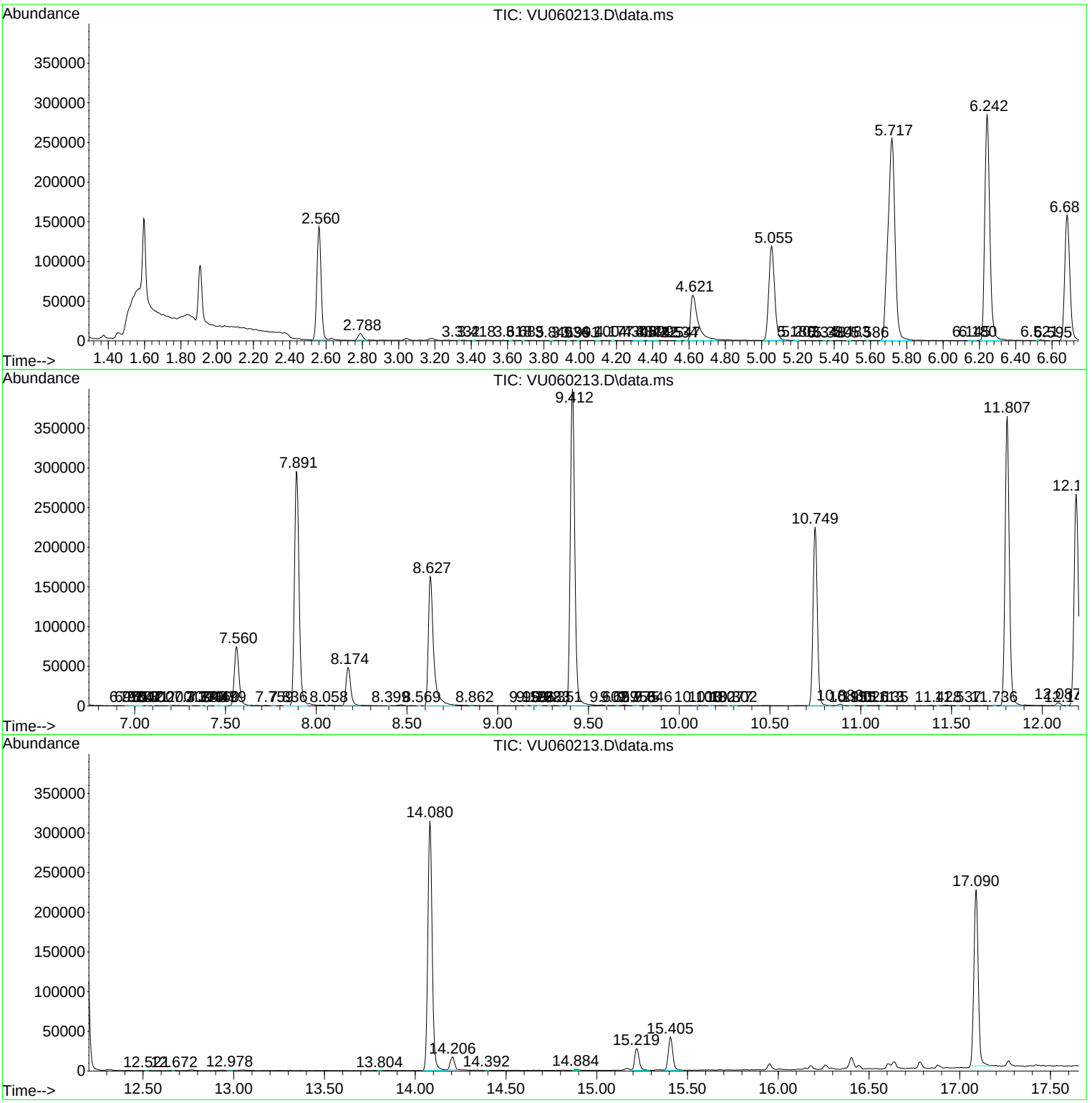
ClientSampleId :
C0AZ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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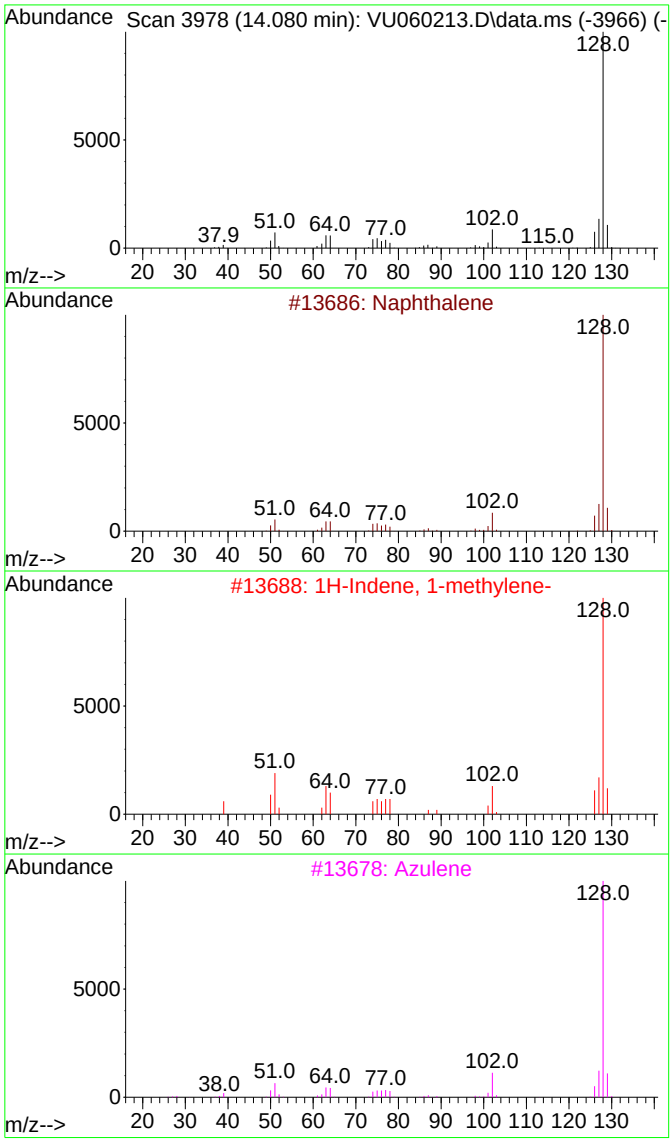
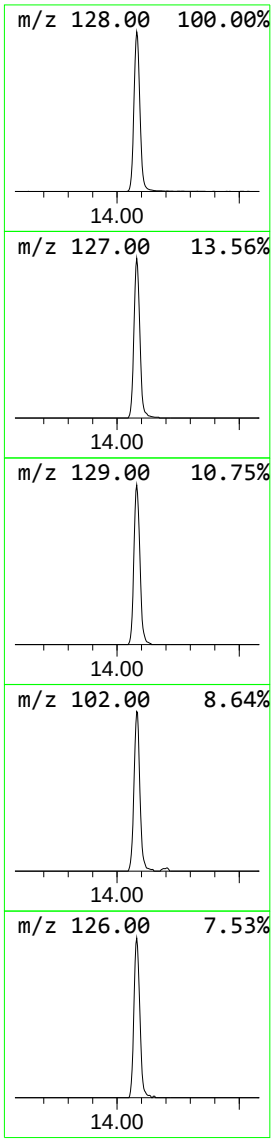
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	44.55 ug/L	528937	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Azulene	128	C10H8	000275-51-4	94
4	Naphthalene	128	C10H8	000091-20-3	94
5	Azulene	128	C10H8	000275-51-4	91





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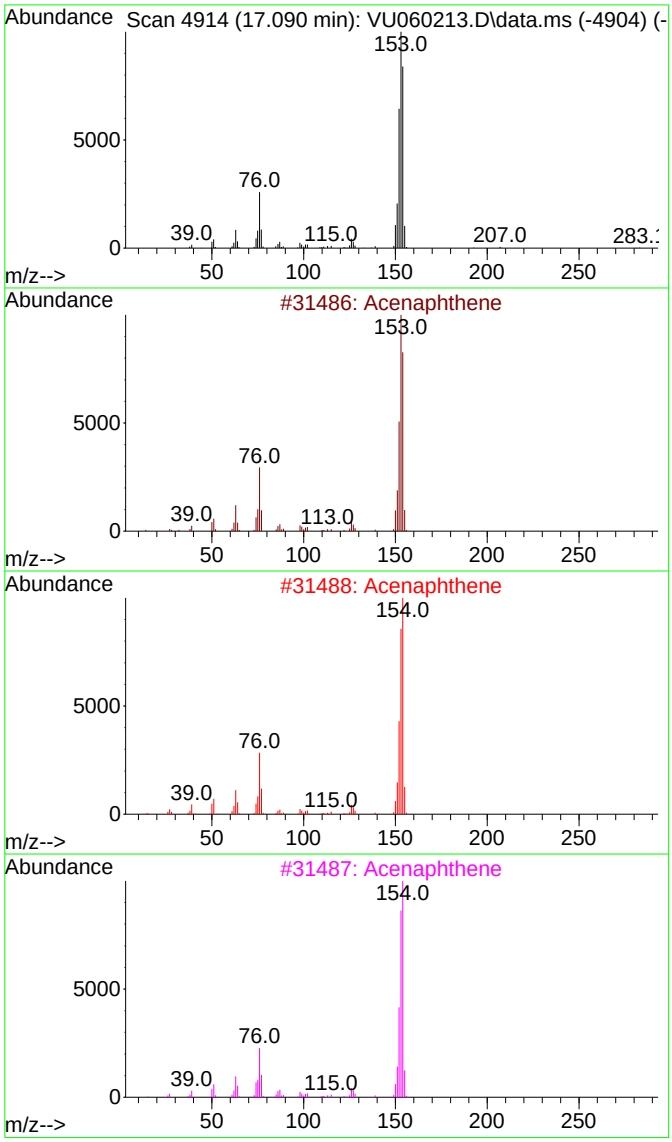
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

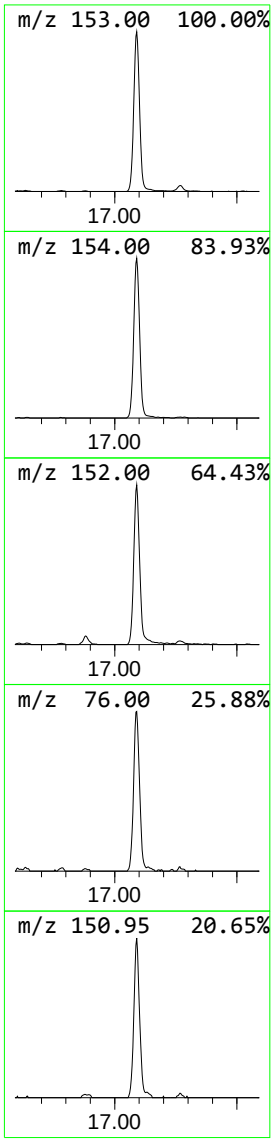
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	30.93 ug/L	367220	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	70
2	Acenaphthene	154	C12H10	000083-32-9	55
3	Acenaphthene	154	C12H10	000083-32-9	55
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Azulene	14.081	44.5	ug/L	528937	3	11.807	593639	50.0
1,4-Ethenonapht...	17.090	30.9	ug/L	367220	3	11.807	593639	50.0