LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027378.D
Acq On : 20 Oct 2023 16:58
Operator : SY/MD
Sample : VIBLK538
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK538

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_W\Method\SFAMWLM101123SMA.M
Title : SFAM01.0

Signal : TIC: VW027378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.162	41	45	46	rBV3	1214	1446	0.08%	0.011%
2	2.210	46	53	58	rBV10	3306	10813	0.61%	0.084%
3	2.296	66	67	68	rBV	1730	829	0.05%	0.006%
4	2.369	71	79	92	rVV	84834	219531	12.44%	1.698%
5	2.570	110	112	113	rBV2	1331	954	0.05%	0.007%
6	2.674	127	129	131	rBV3	1807	1623	0.09%	0.013%
7	2.899	158	166	179	rBV	68039	189562	10.74%	1.466%
8	3.210	216	217	221	rVB4	1516	1735	0.10%	0.013%
9	3.369	241	243	246	rVB3	1166	1001	0.06%	0.008%
10	3.521	265	268	269	rBV2	997	1081	0.06%	0.008%
11	3.673	289	293	294	rBV4	638	726	0.04%	0.006%
12	3.704	294	298	301	rVB5	597	775	0.04%	0.006%
13	3.759	305	307	309	rBV3	918	1024	0.06%	0.008%
14	3.875	324	326	332	rVB6	660	1208	0.07%	0.009%
15	4.021	339	350	374	rBV	184707	585235	33.16%	4.526%
16	4.179	374	376	377	rVV2	1029	757	0.04%	0.006%
17	4.277	390	392	395	rVB4	812	746	0.04%	0.006%
18	4.332	398	401	404	rBV5	857	1193	0.07%	0.009%
19	4.411	410	414	415	rBV4	1092	1252	0.07%	0.010%
20	4.740	465	468	470	rVB4	692	725	0.04%	0.006%
21	4.820	476	481	483	rBV5	729	886	0.05%	0.007%
22	4.923	486	498	512	rBV	37408	131214	7.43%	1.015%
23	5.161	536	537	540	rVB3	1101	999	0.06%	0.008%
24	5.185	540	541	543	rBV2	872	867	0.05%	0.007%
25	5.478	585	589	592	rBV6	691	807	0.05%	0.006%
26	5.533	595	598	599	rBV3	881	722	0.04%	0.006%
27	5.728	627	630	631	rBV3	830	838	0.05%	0.006%
28	5.844	646	649	652	rVB4	590	739	0.04%	0.006%
29	5.954	655	667	673	rBV4	7855	24684	1.40%	0.191%
30	6.155	695	700	701	rVB5	1048	1315	0.07%	0.010%
31	6.246	711	715	718	rBV5	776	790	0.04%	0.006%
32	6.283	718	721	724	rVB5	655	736	0.04%	0.006%
33	6.417	739	743	746	rVB4	1174	1756	0.10%	0.014%
34	6.502	753	757	759	rVB5	831	1055	0.06%	0.008%
35	6.618	775	776	780	rVB3	1066	1014	0.06%	0.008%
36	6.661	780	783	784	rBV3	979	907	0.05%	0.007%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK538

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 >
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Title : SFAM01.0

37	6.770	798	801	803	rVB4	871	880	0.05%	0.007%
38	6.844	810	813	816	rBV3	767	825	0.05%	0.006%
39	6.886	818	820	821	rBV2	851	721	0.04%	0.006%
40	7.008	837	840	842	rBV4	888	1041	0.06%	0.008%
41	7.081	842	852	860	rBV	60324	176084	9.98%	1.362%
42	7.252	878	880	885	rBV4	567	840	0.05%	0.006%
43	7.362	897	898	903	rVB5	633	938	0.05%	0.007%
44	7.514	918	923	926	rBV7	1023	1986	0.11%	0.015%
45	7.648	933	945	962	rVV	285076	707584	40.09%	5.472%
46	7.783	965	967	969	rVB3	821	692	0.04%	0.005%
47	7.886	979	984	986	rBV6	633	1027	0.06%	0.008%
48	7.965	994	997	1001	rBV5	1106	1467	0.08%	0.011%
49	8.020	1004	1006	1009	rVB4	867	792	0.04%	0.006%
50	8.057	1009	1012	1014	rBV4	922	941	0.05%	0.007%
51	8.081	1014	1016	1018	rVB3	888	825	0.05%	0.006%
52	8.100	1018	1019	1021	rVB2	1059	708	0.04%	0.005%
53	8.276	1035	1048	1063	rBV2	594450	1765059	100.00%	13.649%
54	8.496	1082	1084	1088	rVB5	896	688	0.04%	0.005%
55	8.538	1088	1091	1093	rVB4	1554	1828	0.10%	0.014%
56	8.569	1093	1096	1097	rBV3	1292	1190	0.07%	0.009%
57	8.642	1105	1108	1112	rVB6	795	1173	0.07%	0.009%
58	8.685	1112	1115	1116	rBV3	1502	1471	0.08%	0.011%
59	8.843	1130	1141	1151	rBV	472081	960333	54.41%	7.426%
60	8.953	1157	1159	1160	rBV2	727	715	0.04%	0.006%
61	9.081	1174	1180	1187	rBV2	2453	5333	0.30%	0.041%
62	9.276	1200	1212	1222	rBV	405622	827805	46.90%	6.401%
63	9.349	1222	1224	1228	rVB5	1808	1655	0.09%	0.013%
64	9.435	1234	1238	1239	rBV4	1106	1424	0.08%	0.011%
65	9.471	1242	1244	1246	rVV3	843	726	0.04%	0.006%
66	9.496	1246	1248	1252	rVB5	886	870	0.05%	0.007%
67	9.532	1252	1254	1257	rBV3	1016	1077	0.06%	0.008%
68	9.581	1260	1262	1263	rBV2	1048	830	0.05%	0.006%
69	9.599	1263	1265	1267	rBV3	1076	1314	0.07%	0.010%
70	9.666	1272	1276	1278	rBV5	2750	3580	0.20%	0.028%
71	9.825	1300	1302	1304	rBV3	1130	1204	0.07%	0.009%
72	9.898	1311	1314	1316	rBV4	1328	1915	0.11%	0.015%
73	9.922	1316	1318	1321	rBV4	1432	1896	0.11%	0.015%
74	9.965	1323	1325	1327	rVB3	1115	922	0.05%	0.007%
75	10.032	1327	1336	1346	rBV	225219	420566	23.83%	3.252%
76	10.172	1358	1359	1361	rVB2	1937	1278	0.07%	0.010%

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ClientSampleId :
VIBLK538

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Title : SFAM01.0

77	10.325	1376	1384	1394	rBV	795912	1452110	82.27%	11.229%
78	10.447	1403	1404	1406	rBV2	1645	1161	0.07%	0.009%
79	10.575	1419	1425	1436	rBV	140723	246698	13.98%	1.908%
80	10.703	1439	1446	1455	rVB	66906	124305	7.04%	0.961%
81	10.855	1469	1471	1475	rVB5	3657	4451	0.25%	0.034%
82	10.922	1475	1482	1493	rBV	257766	444768	25.20%	3.439%
83	11.203	1526	1528	1530	rBV3	2058	1741	0.10%	0.013%
84	11.239	1532	1534	1535	rBV2	2871	2190	0.12%	0.017%
85	11.629	1591	1598	1607	rBV	680413	1153591	65.36%	8.921%
86	11.800	1624	1626	1627	rBV2	1970	1180	0.07%	0.009%
87	12.605	1752	1758	1765	rVB	69373	126031	7.14%	0.975%
88	12.690	1765	1772	1780	rBV	308840	502940	28.49%	3.889%
89	13.269	1861	1867	1878	rVB4	27616	105469	5.98%	0.816%
90	13.556	1907	1914	1927	rVB	759202	1225350	69.42%	9.476%
91	13.848	1955	1962	1969	rBV	709271	1164266	65.96%	9.003%
92	14.062	1992	1997	2006	rVB2	68692	126768	7.18%	0.980%
93	14.726	2102	2106	2107	rBV4	5691	7907	0.45%	0.061%
94	15.427	2217	2221	2226	rVV2	15932	26145	1.48%	0.202%
95	15.476	2226	2229	2237	rVB	21278	39124	2.22%	0.303%
96	15.793	2276	2281	2284	rBV6	9002	17116	0.97%	0.132%
97	16.275	2355	2360	2366	rBV6	7031	13485	0.76%	0.104%
98	16.372	2372	2376	2379	rBV6	2774	5873	0.33%	0.045%
99	16.427	2382	2385	2386	rBV3	3942	4277	0.24%	0.033%
100	16.628	2412	2418	2429	rVB3	13099	40936	2.32%	0.317%

Sum of corrected areas: 12931630

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Instrument :
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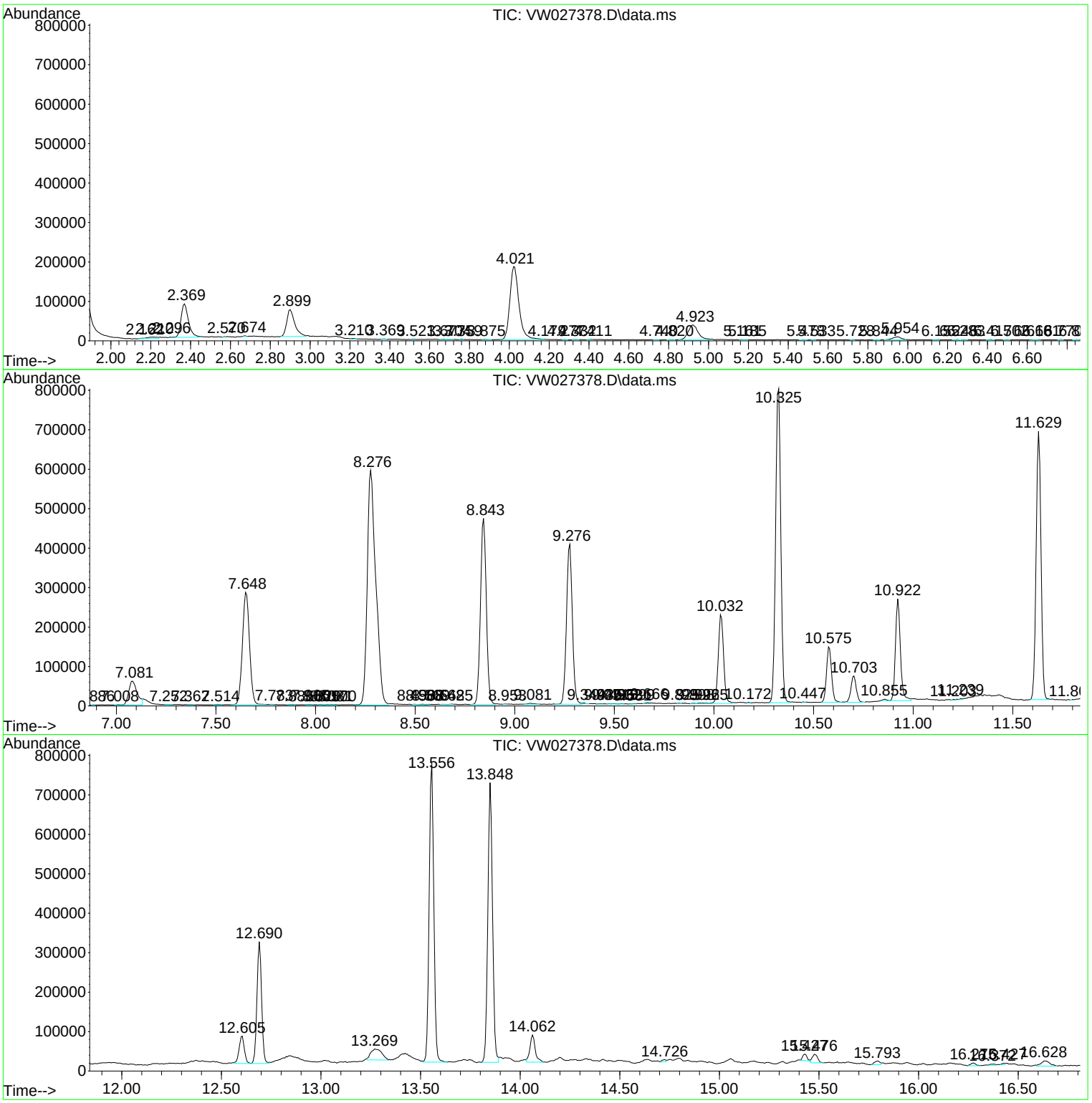
ClientSampleId :
VIBLK538

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



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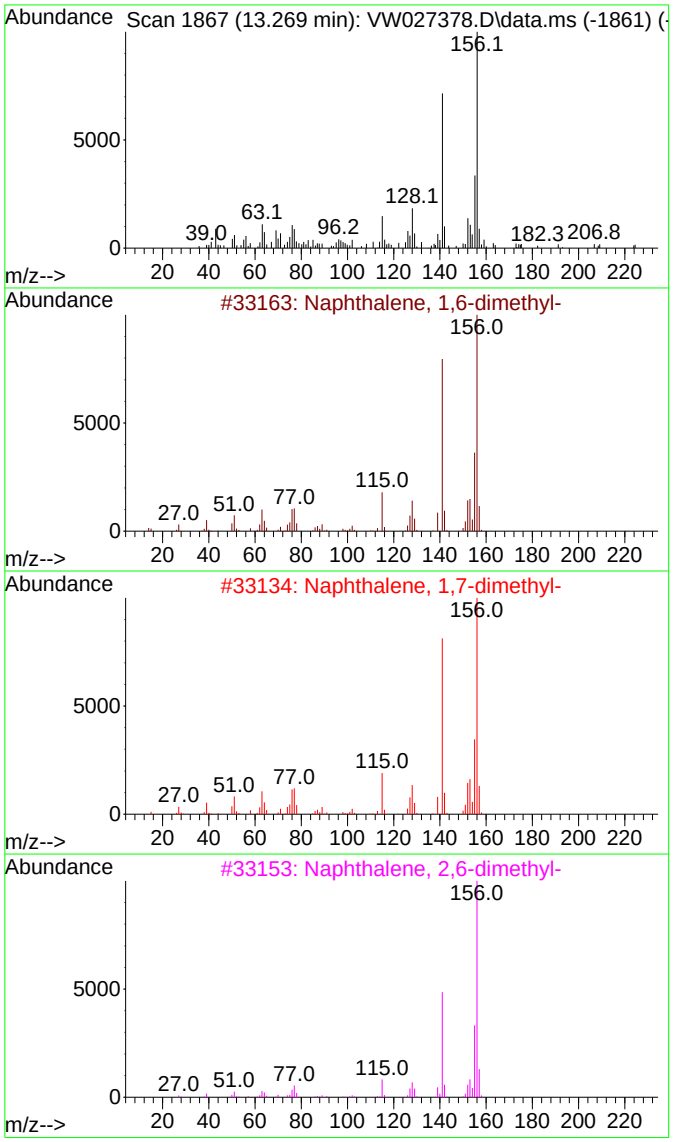
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

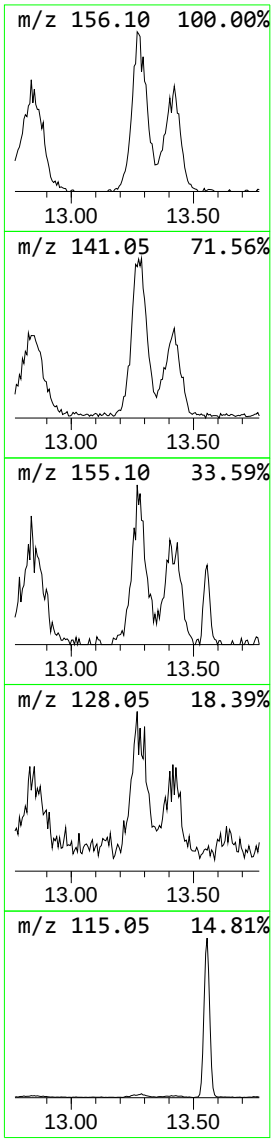
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.15 ug/L	105469	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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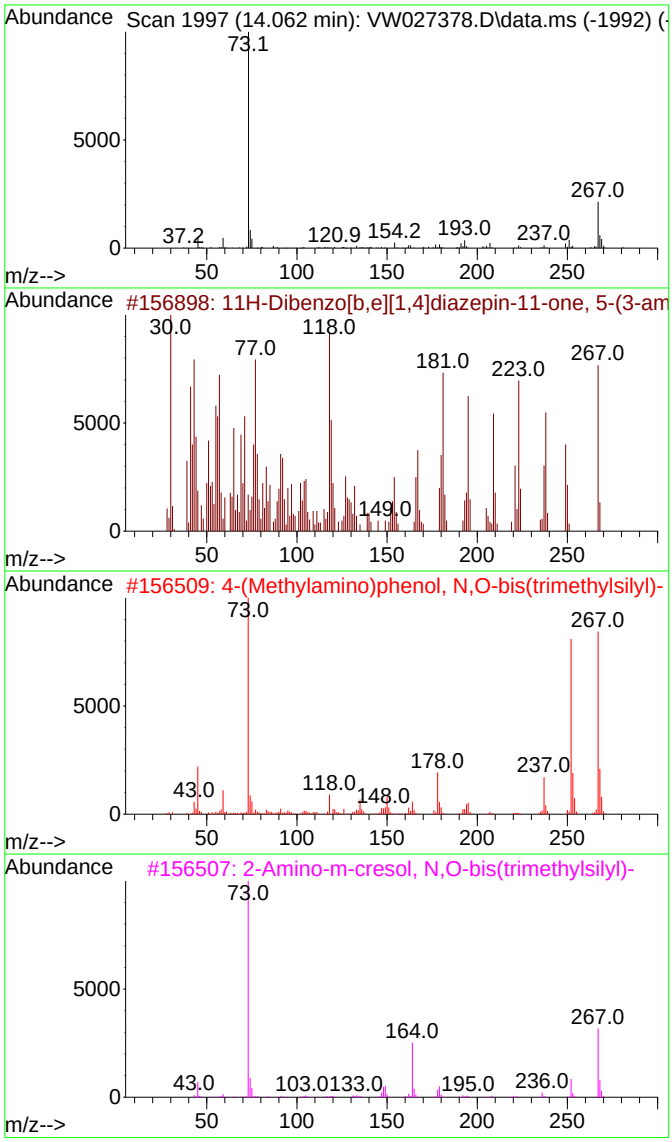
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

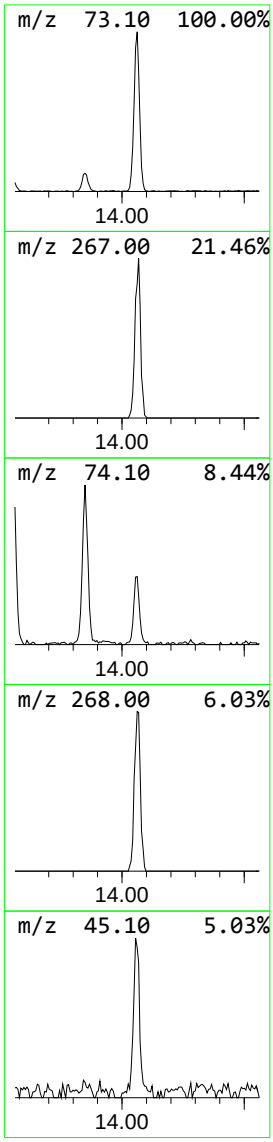
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	2.59 ug/L	126768	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	93
2	4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	58
3	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	50
4	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	45
5	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	42





Tentatively Identified Compound (LSC) summary

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Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	13.269	2.1	ug/L	105469	3	13.556	1225350	25.0
11H-Dibenzo[b,e...	14.062	2.6	ug/L	126768	3	13.556	1225350	25.0