LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

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\SFAMWLM120321SMA.M
Title : SFAM01.0

Signal : TIC: VW021144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	86	rVB	47633	77745	20.80%	2.568%
2	2.885	154	161	174	rBV	24052	49989	13.37%	1.651%
3	3.391	239	244	248	rVB3	499	940	0.25%	0.031%
4	3.599	277	278	280	rBV3	142	113	0.03%	0.004%
5	4.019	336	347	361	rBV	49852	141968	37.97%	4.690%
6	4.135	362	366	375	rVB2	588	1529	0.41%	0.051%
7	4.263	383	387	392	rVB2	222	465	0.12%	0.015%
8	4.367	400	404	405	rBV	195	226	0.06%	0.007%
9	4.544	431	433	436	rBB	106	114	0.03%	0.004%
10	4.922	483	495	511	rVB2	10158	32405	8.67%	1.070%
11	5.098	522	524	525	rBV	191	137	0.04%	0.005%
12	5.226	543	545	549	rVB	104	112	0.03%	0.004%
13	5.513	588	592	595	rBB	154	218	0.06%	0.007%
14	5.574	599	602	604	rBB	73	94	0.03%	0.003%
15	5.702	622	623	626	rBB	132	135	0.04%	0.004%
16	5.781	635	636	640	rBB	120	91	0.02%	0.003%
17	5.952	656	664	670	rBV4	907	2595	0.69%	0.086%
18	6.043	677	679	681	rBV	79	97	0.03%	0.003%
19	6.214	703	707	709	rBB	161	160	0.04%	0.005%
20	6.348	726	729	731	rBB	76	91	0.02%	0.003%
21	6.427	737	742	743	rBB	146	192	0.05%	0.006%
22	6.519	755	757	761	rBB	85	113	0.03%	0.004%
23	6.562	761	764	769	rBB	78	130	0.03%	0.004%
24	6.604	769	771	772	rBV	160	115	0.03%	0.004%
25	6.744	793	794	798	rBB	170	126	0.03%	0.004%
26	6.970	828	831	833	rBV	313	479	0.13%	0.016%
27	7.086	840	850	855	rBV	9222	25899	6.93%	0.856%
28	7.244	875	876	880	rVB	194	187	0.05%	0.006%
29	7.525	919	922	923	rBV	143	164	0.04%	0.005%
30	7.580	927	931	932	rBV	66	90	0.02%	0.003%
31	7.653	932	943	957	rVB	70070	170838	45.70%	5.643%
32	7.781	961	964	965	rBV	129	148	0.04%	0.005%
33	7.945	989	991	992	rBV	276	199	0.05%	0.007%
34	8.049	1006	1008	1010	rVB	136	104	0.03%	0.003%
35	8.067	1010	1011	1016	rBB	140	139	0.04%	0.005%
36	8.141	1021	1023	1025	rBB	119	95	0.03%	0.003%

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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

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\SFAMWLM120321SMA.M
Title : SFAM01.0

37	8.281	1034	1046	1059	rBV2	120545	373862	100.00%	12.350%
38	8.403	1062	1066	1075	rVB2	2815	6021	1.61%	0.199%
39	8.567	1091	1093	1094	rVB	214	128	0.03%	0.004%
40	8.842	1130	1138	1148	rBV	85777	166668	44.58%	5.506%
41	9.085	1174	1178	1185	rVB5	1338	2667	0.71%	0.088%
42	9.220	1195	1200	1201	rBV2	692	875	0.23%	0.029%
43	9.274	1201	1209	1217	rBV2	89830	178106	47.64%	5.884%
44	9.421	1230	1233	1235	rBV	105	144	0.04%	0.005%
45	9.463	1238	1240	1242	rBV	71	97	0.03%	0.003%
46	9.604	1261	1263	1266	rBB	71	89	0.02%	0.003%
47	9.689	1275	1277	1280	rBB2	207	182	0.05%	0.006%
48	9.890	1308	1310	1313	rBB2	254	200	0.05%	0.007%
49	9.945	1315	1319	1321	rBB	132	194	0.05%	0.006%
50	10.037	1327	1334	1342	rBB	35977	62082	16.61%	2.051%
51	10.213	1357	1363	1365	rBV	377	585	0.16%	0.019%
52	10.323	1373	1381	1387	rBV	150359	261065	69.83%	8.624%
53	10.390	1387	1392	1399	rVB	13488	24273	6.49%	0.802%
54	10.445	1400	1401	1403	rBV	128	93	0.02%	0.003%
55	10.500	1407	1410	1411	rBV	120	116	0.03%	0.004%
56	10.579	1417	1423	1432	rBB	17690	29492	7.89%	0.974%
57	10.646	1433	1434	1437	rBB	108	89	0.02%	0.003%
58	10.707	1437	1444	1452	rBB	15549	27388	7.33%	0.905%
59	10.860	1465	1469	1473	rBV2	772	1183	0.32%	0.039%
60	10.927	1473	1480	1491	rVV	32059	60083	16.07%	1.985%
61	11.067	1497	1503	1511	rBB2	4238	7207	1.93%	0.238%
62	11.170	1517	1520	1524	rVB3	433	545	0.15%	0.018%
63	11.634	1588	1596	1604	rVB	80628	136066	36.39%	4.495%
64	11.731	1604	1612	1618	rBB2	1792	3277	0.88%	0.108%
65	11.792	1620	1622	1624	rBV	90	108	0.03%	0.004%
66	11.835	1624	1629	1635	rVB	5123	8215	2.20%	0.271%
67	12.024	1658	1660	1663	rBB	107	108	0.03%	0.004%
68	12.164	1677	1683	1690	rVB	4442	6826	1.83%	0.225%
69	12.280	1698	1702	1704	rBV2	259	434	0.12%	0.014%
70	12.396	1719	1721	1722	rBV	427	269	0.07%	0.009%
71	12.609	1749	1756	1763	rVB2	62155	101378	27.12%	3.349%
72	12.688	1763	1769	1777	rVB	49969	83532	22.34%	2.759%
73	12.749	1777	1779	1782	rBV	232	305	0.08%	0.010%
74	12.884	1783	1801	1802	rBV4	22884	70178	18.77%	2.318%
75	13.079	1831	1833	1834	rBV4	173	137	0.04%	0.005%
76	13.103	1834	1837	1841	rVB2	398	543	0.15%	0.018%

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Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

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\SFAMWLM120321SMA.M
Title : SFAM01.0

77	13.195	1842	1852	1855	rBV2	891	1722	0.46%	0.057%
78	13.329	1857	1874	1885	rBV3	41088	202267	54.10%	6.682%
79	13.554	1906	1911	1923	rVB	38622	65548	17.53%	2.165%
80	13.755	1931	1944	1948	rBV7	2273	7074	1.89%	0.234%
81	13.853	1952	1960	1969	rBV	47405	94279	25.22%	3.114%
82	14.066	1989	1995	2004	rVB2	19019	30970	8.28%	1.023%
83	14.304	2022	2034	2046	rBV2	6879	21157	5.66%	0.699%
84	14.524	2059	2070	2088	rVB	65924	209678	56.08%	6.926%
85	14.719	2098	2102	2106	rBV5	2324	4403	1.18%	0.145%
86	14.828	2118	2120	2122	rBV	160	107	0.03%	0.004%
87	14.877	2125	2128	2130	rBV2	142	159	0.04%	0.005%
88	14.950	2130	2140	2153	rBV2	18545	58867	15.75%	1.945%
89	15.042	2153	2155	2156	rBV	331	255	0.07%	0.008%
90	15.145	2170	2172	2179	rVB3	698	1300	0.35%	0.043%
91	15.359	2203	2207	2212	rVB	1732	2631	0.70%	0.087%
92	15.432	2212	2219	2222	rBV4	2783	5028	1.34%	0.166%
93	15.487	2223	2228	2240	rVB2	7858	19020	5.09%	0.628%
94	15.645	2240	2254	2269	rBV2	37720	139442	37.30%	4.606%
95	15.938	2290	2302	2303	rBV4	3244	6332	1.69%	0.209%
96	16.121	2323	2332	2342	rBV3	2541	7286	1.95%	0.241%
97	16.212	2345	2347	2351	rVB2	166	150	0.04%	0.005%
98	16.438	2376	2384	2391	rBV6	6362	18982	5.08%	0.627%
99	16.639	2411	2417	2424	rVB	3596	7276	1.95%	0.240%
100	16.779	2437	2440	2441	rBV	203	219	0.06%	0.007%

Sum of corrected areas: 3027204

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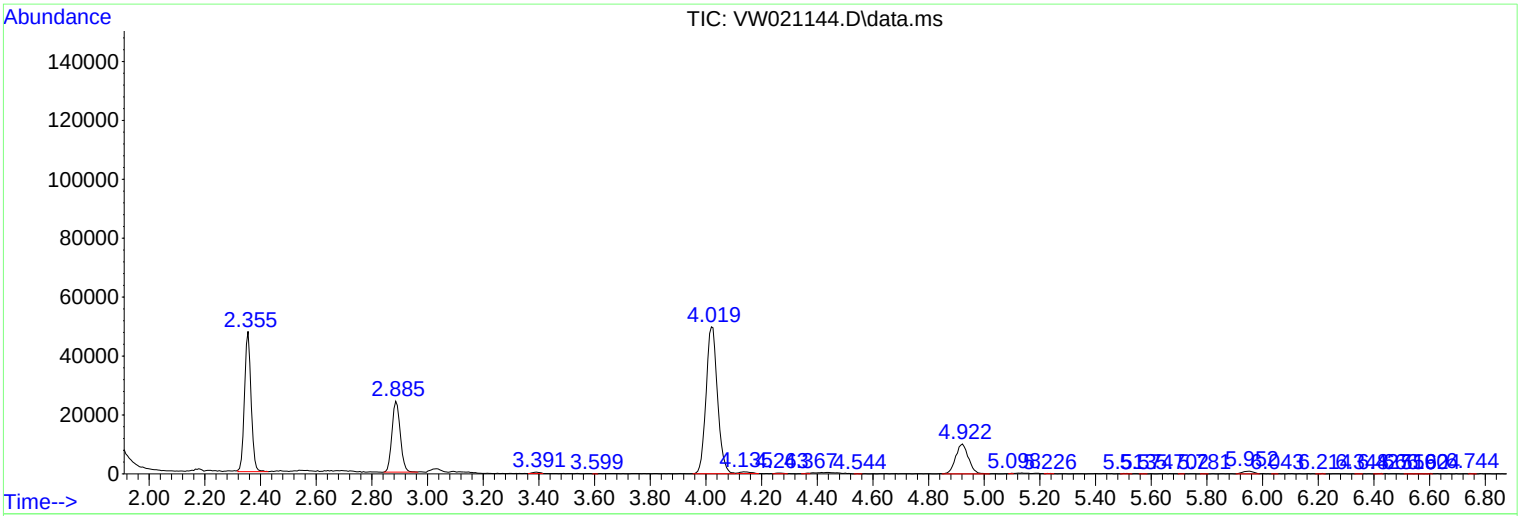
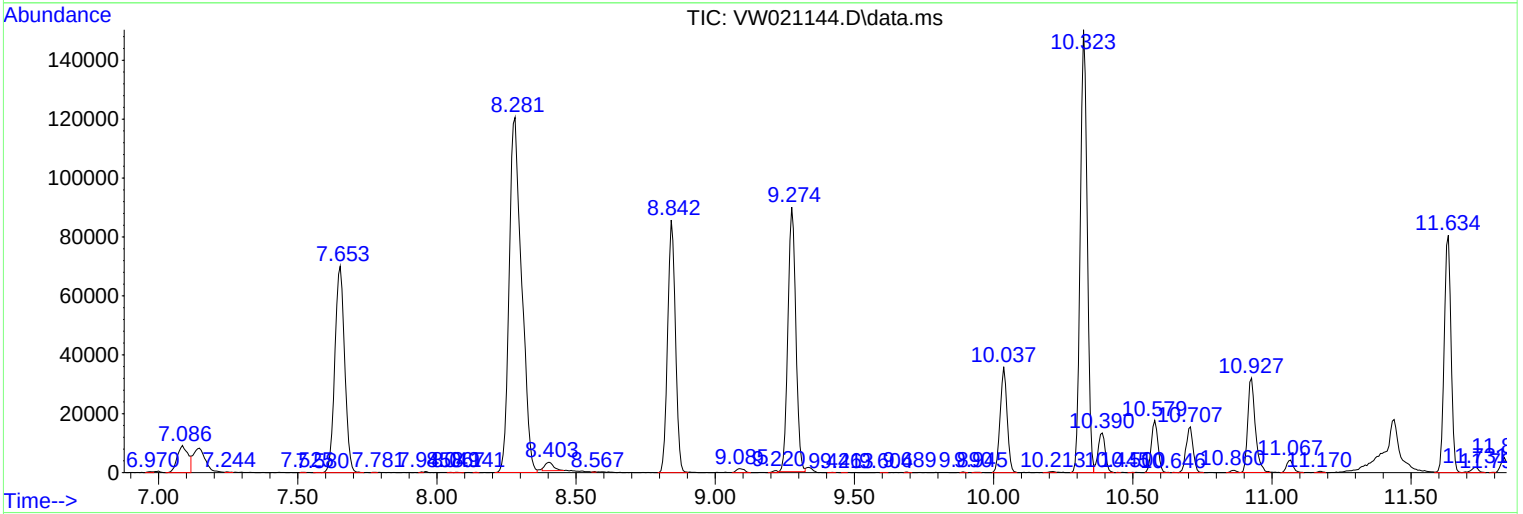
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

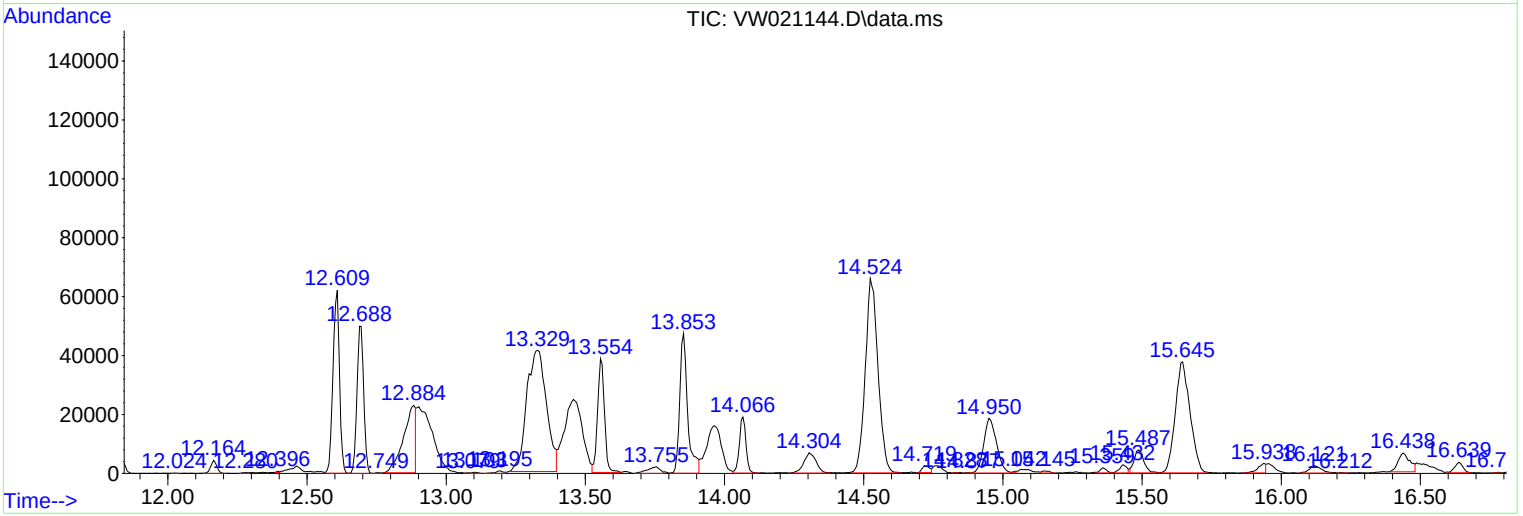
Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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







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Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

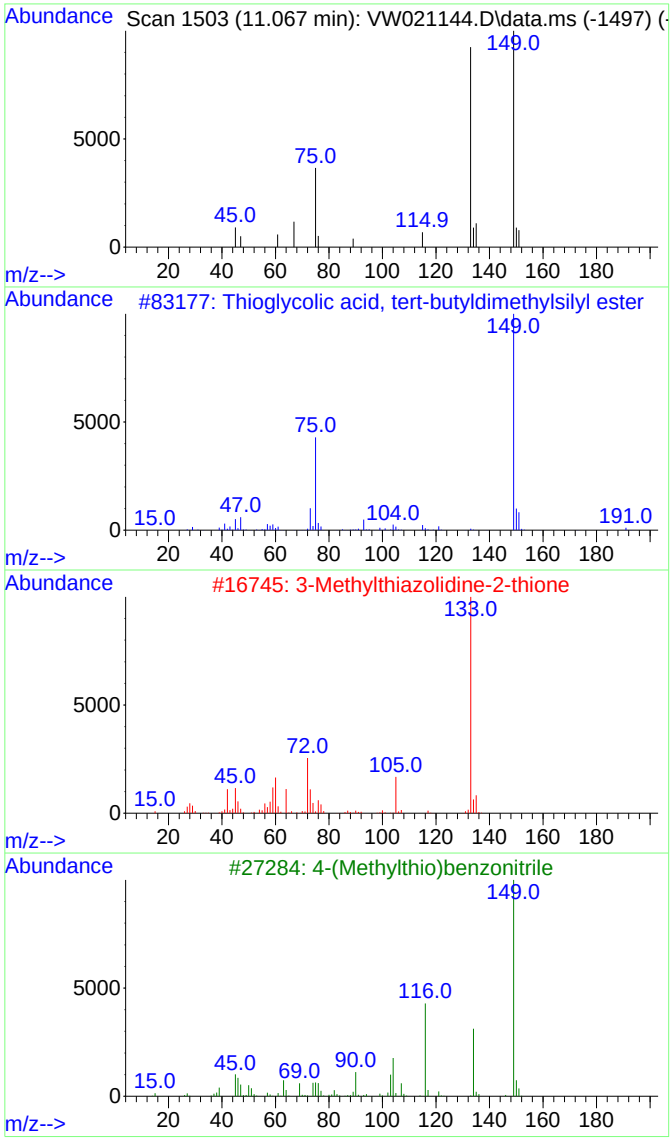
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

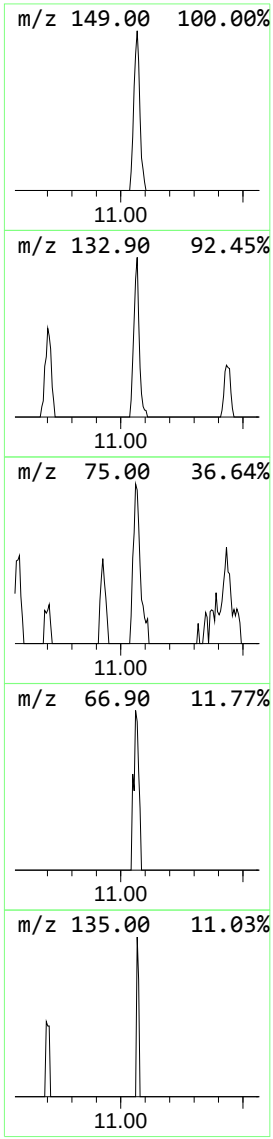
****

Peak Number 3 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	1.32 ug/L	7207	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	38
2	3-Methylthiazolidine-2-thione	133	C4H7NS2	001908-87-8	35
3	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	35
4	1H-Indole-3-thiol	149	C8H7NS	000480-94-4	25
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
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Instrument :
MSVOA_W
ClientSampleId :
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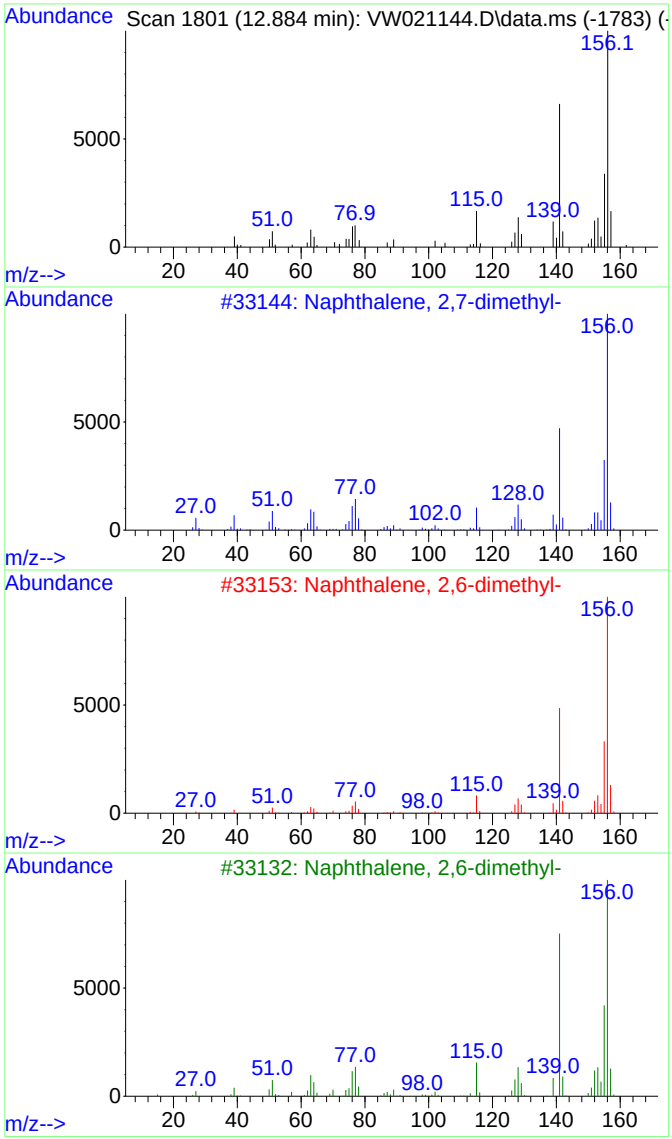
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

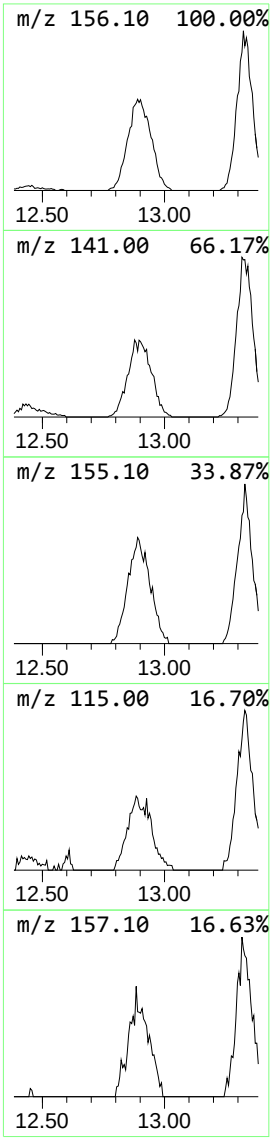
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.884	26.77 ug/L	70178	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

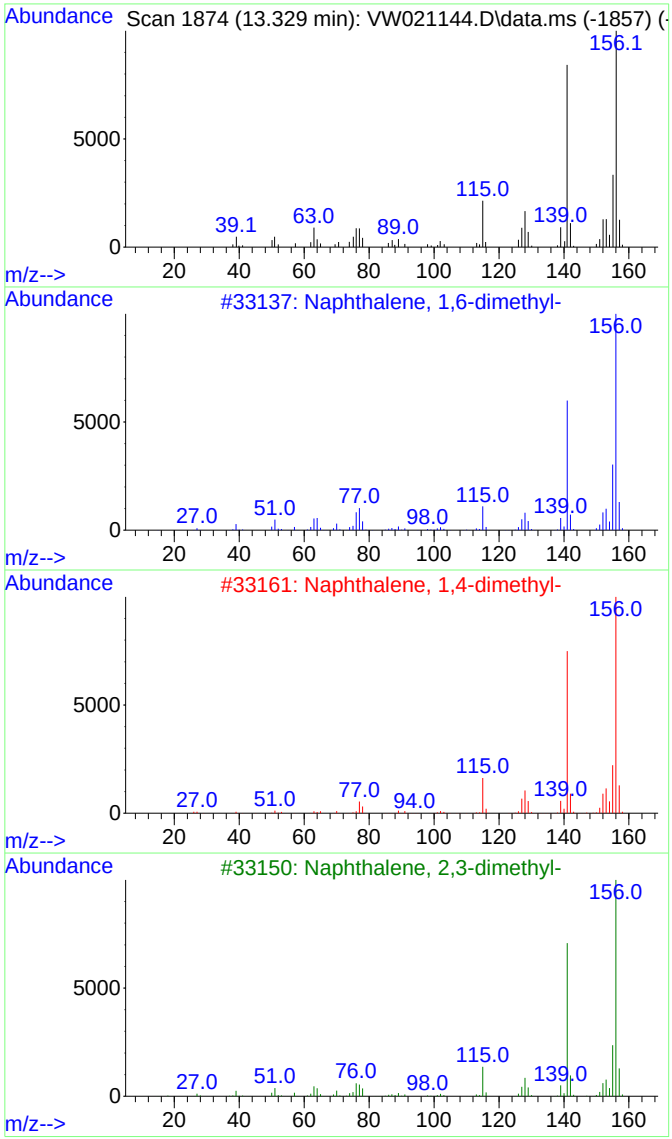
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

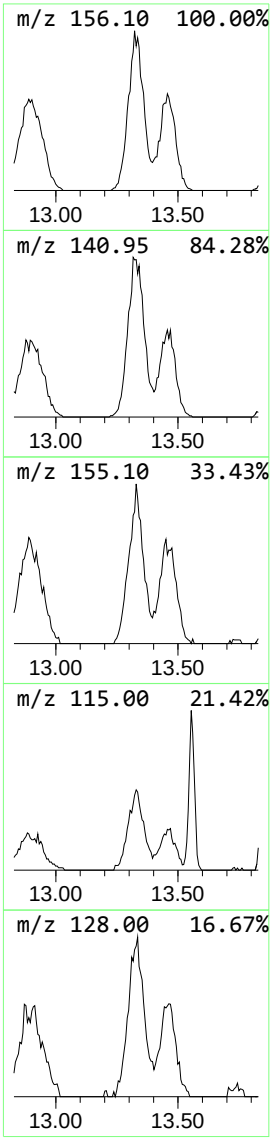
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	77.14 ug/L	202267	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

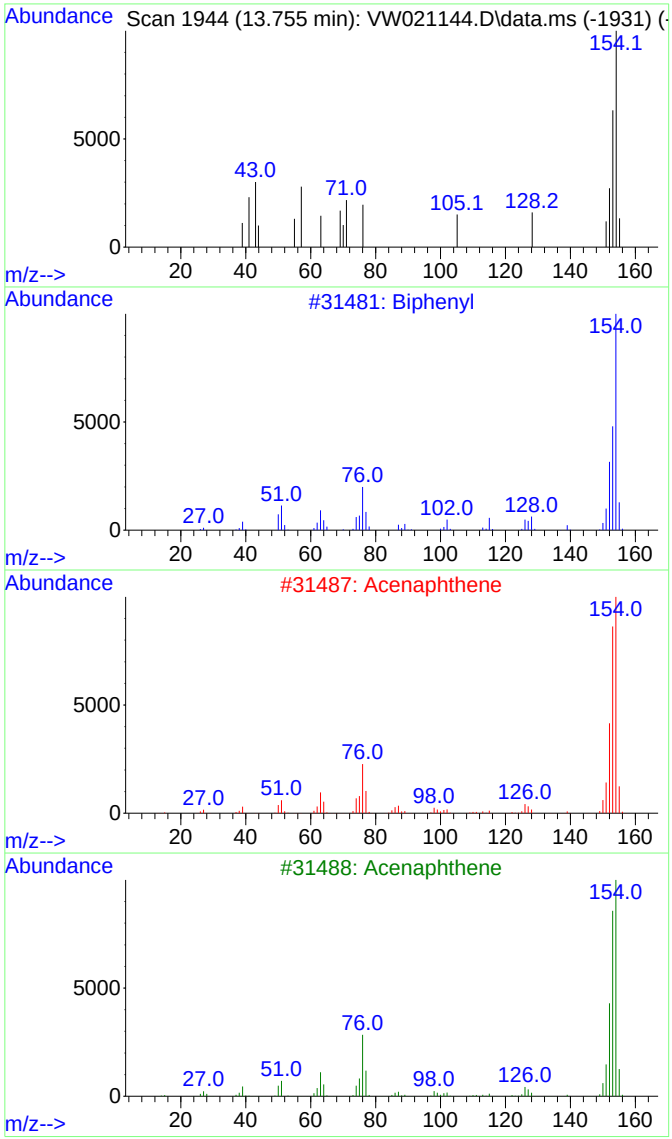
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

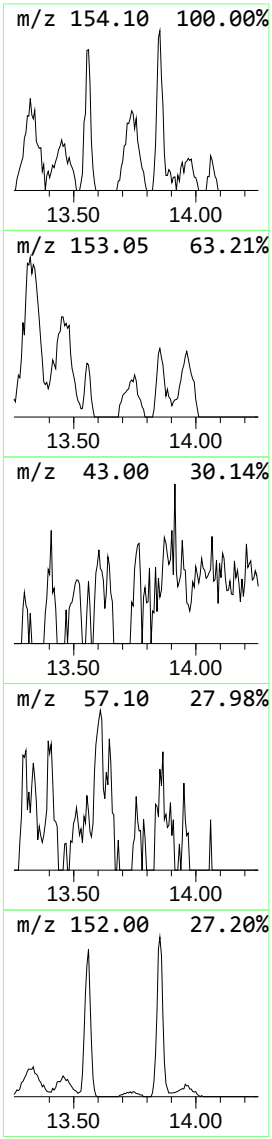
****

Peak Number 7 Biphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	2.70 ug/L	7074	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	58
2	Acenaphthene	154	C12H10	000083-32-9	58
3	Acenaphthene	154	C12H10	000083-32-9	58
4	Acenaphthene	154	C12H10	000083-32-9	58
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

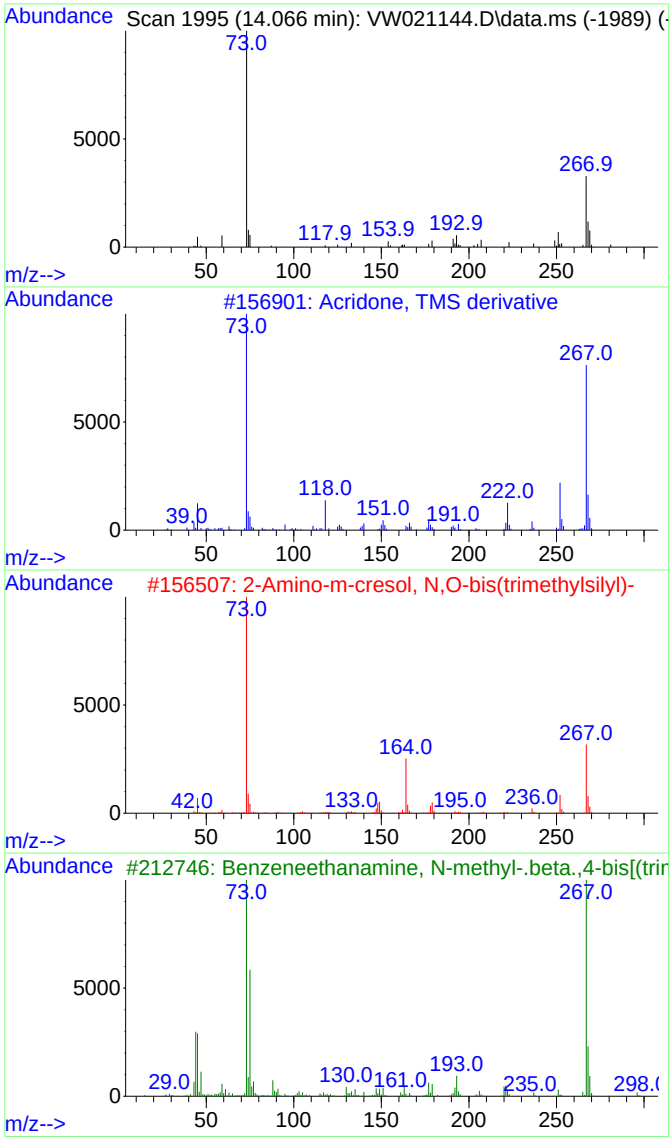
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

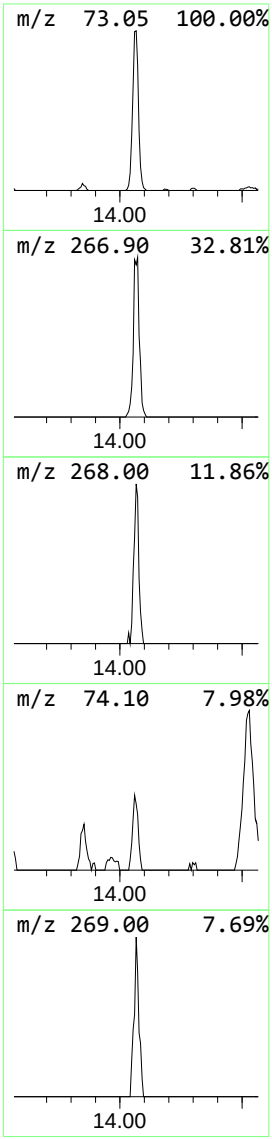
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Acridone, TMS derivative Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	11.81 ug/L	30970	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	53
2	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	53
3	Benzeneethanamine, N-methyl-.bet...	311	C15H29NO2Si2	029522-18-7	45
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	45
5	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	42





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Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

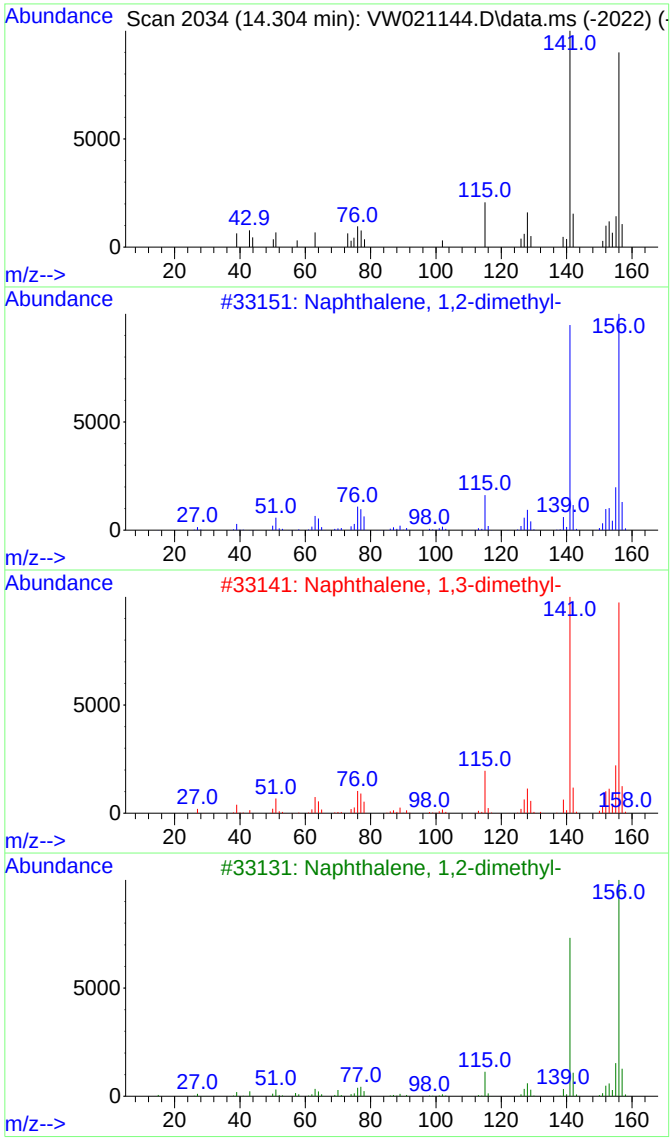
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

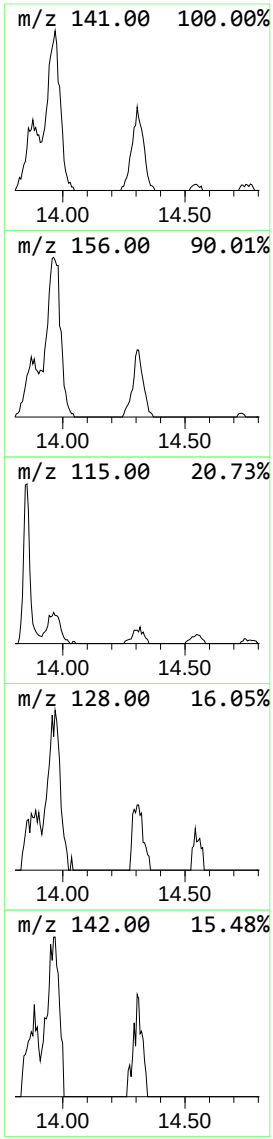
****

Peak Number 9 Naphthalene, 1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	8.07 ug/L	21157	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

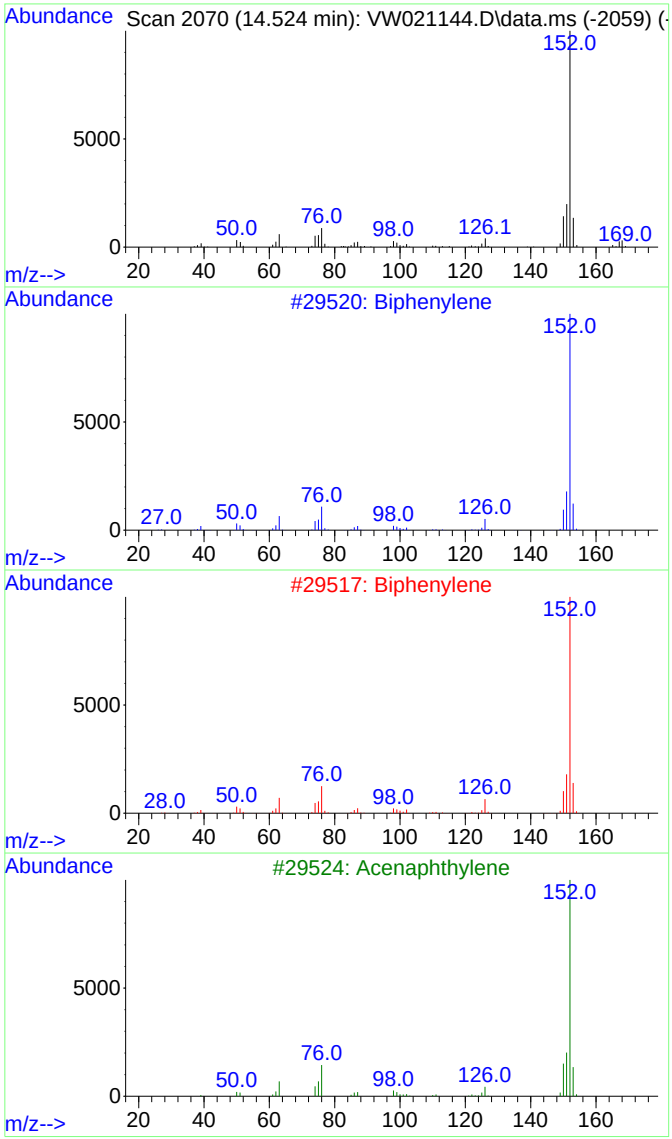
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

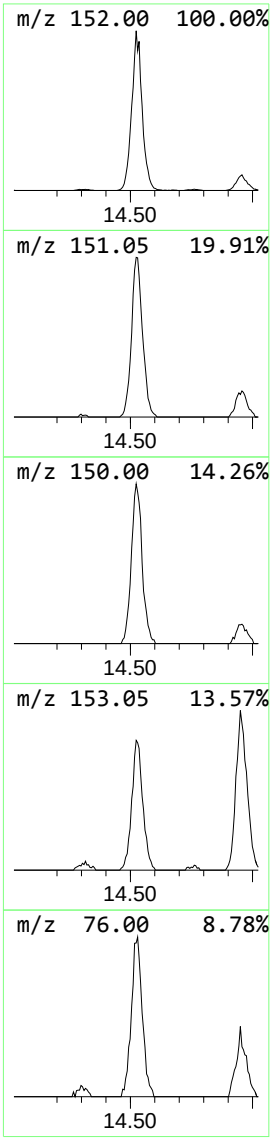
****

Peak Number 10 Biphenylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.524	79.97 ug/L	209678	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	97
2	Biphenylene	152	C12H8	000259-79-0	90
3	Acenaphthylene	152	C12H8	000208-96-8	90
4	Acenaphthylene	152	C12H8	000208-96-8	83
5	Acenaphthylene	152	C12H8	000208-96-8	80





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Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

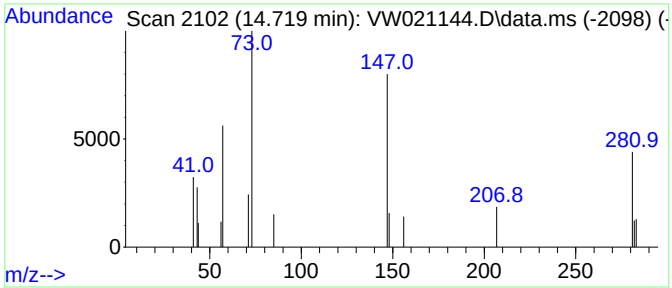
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

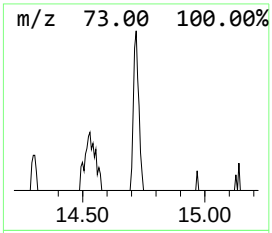
****

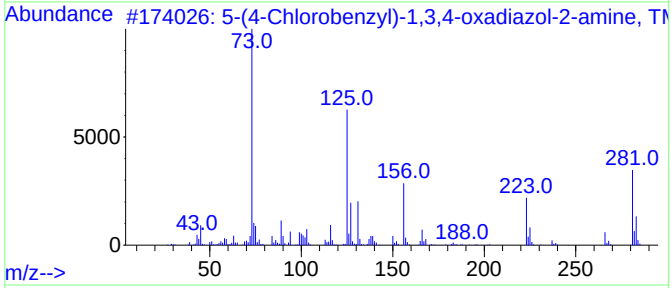
Peak Number 11 unknown-02 Concentration Rank 18

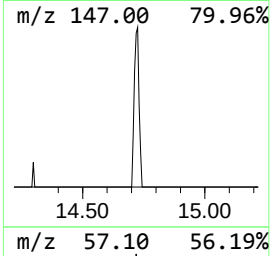
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	1.68 ug/L	4403	1,4-Dichlorobenzene-d4	13.560

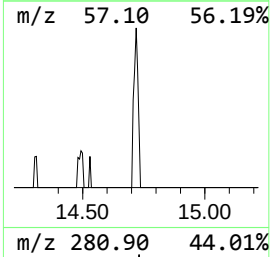
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(4-Chlorobenzyl)-1,3,4-oxadiaz...	281	C12H16ClN3OSi	1000479-80-5	10
2	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	9
3	[3-(Acetylamino)phenoxy]acetic a...	281	C13H19NO4Si	1000474-17-0	9
4	4-Aminobenzoic acid, 2TMS deriva...	281	C13H23NO2Si2	018406-05-8	9
5	2-Dimethyl(trimethylsilyl)silylo...	344	C19H44OSi2	1000245-68-7	9

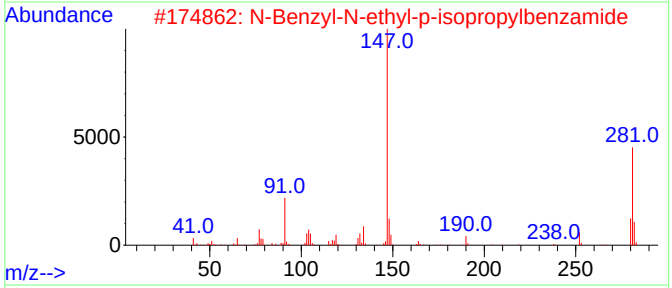


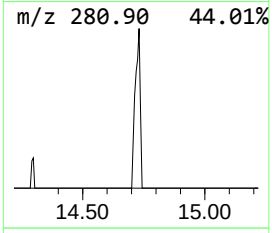


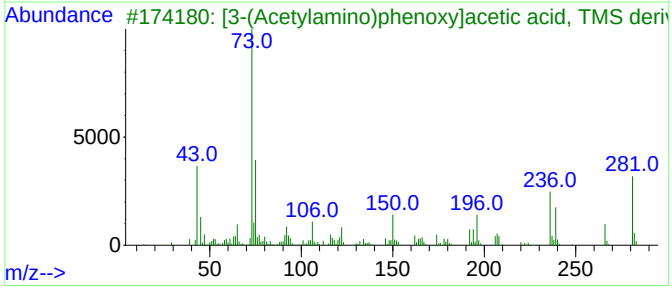


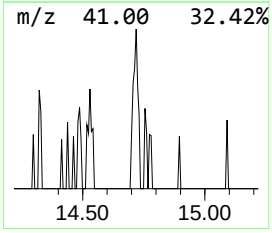












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

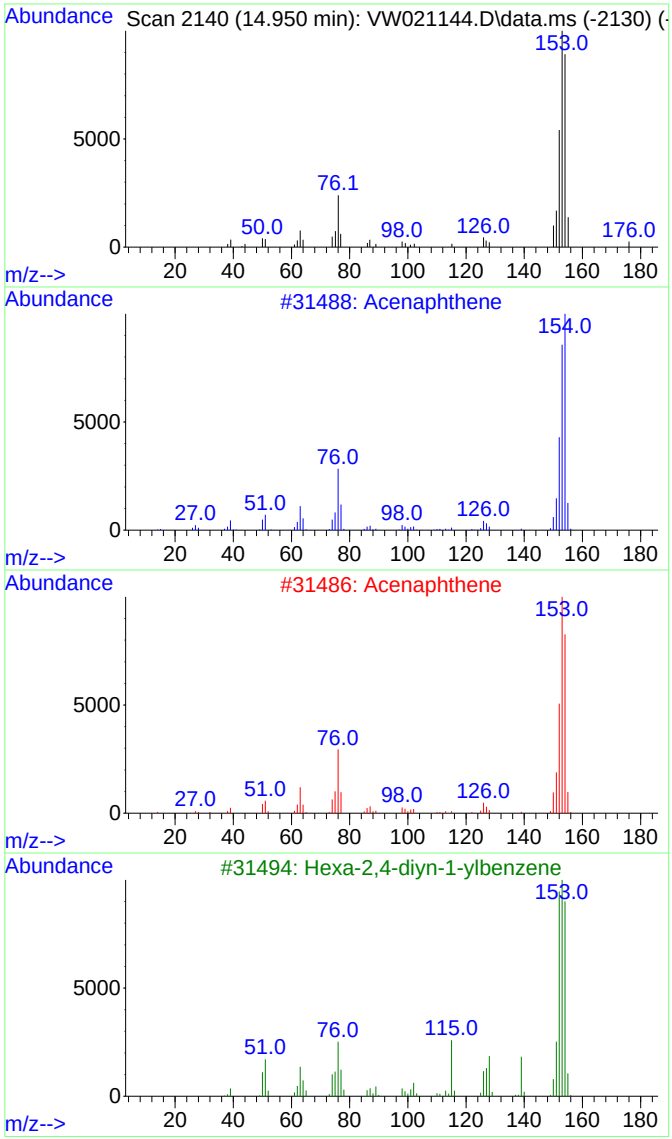
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

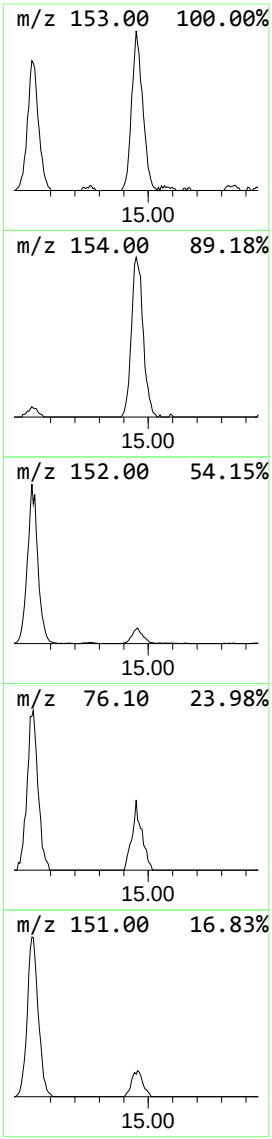
****

Peak Number 12 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	22.45 ug/L	58867	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	90
2	Acenaphthene	154	C12H10	000083-32-9	76
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
4	Acenaphthene	154	C12H10	000083-32-9	60
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

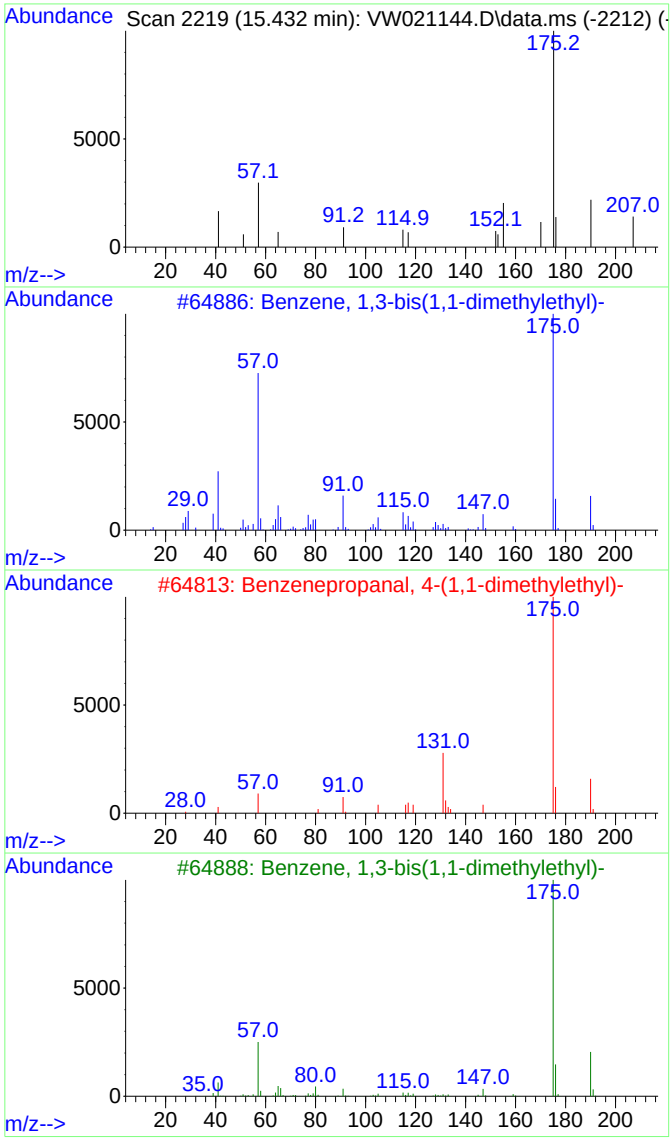
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

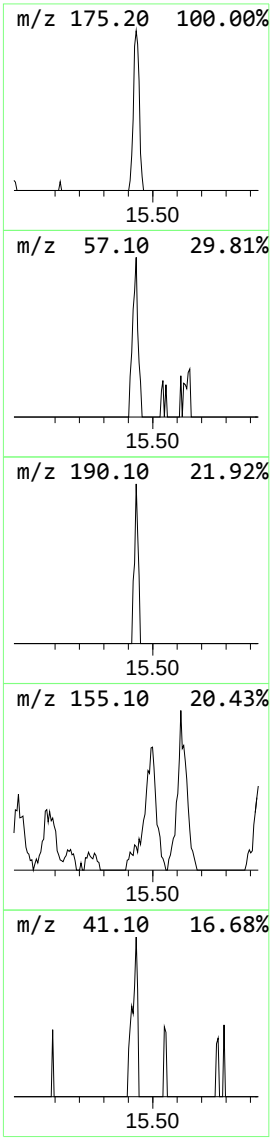
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.92 ug/L	5028	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	53
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	52
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	52
4	Benzene, 1-ethyl-3,5-diisopropyl-	190	C14H22	015181-13-2	50
5	Silane, dichloromethylphenyl-	190	C7H8Cl2Si	000149-74-6	42





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Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

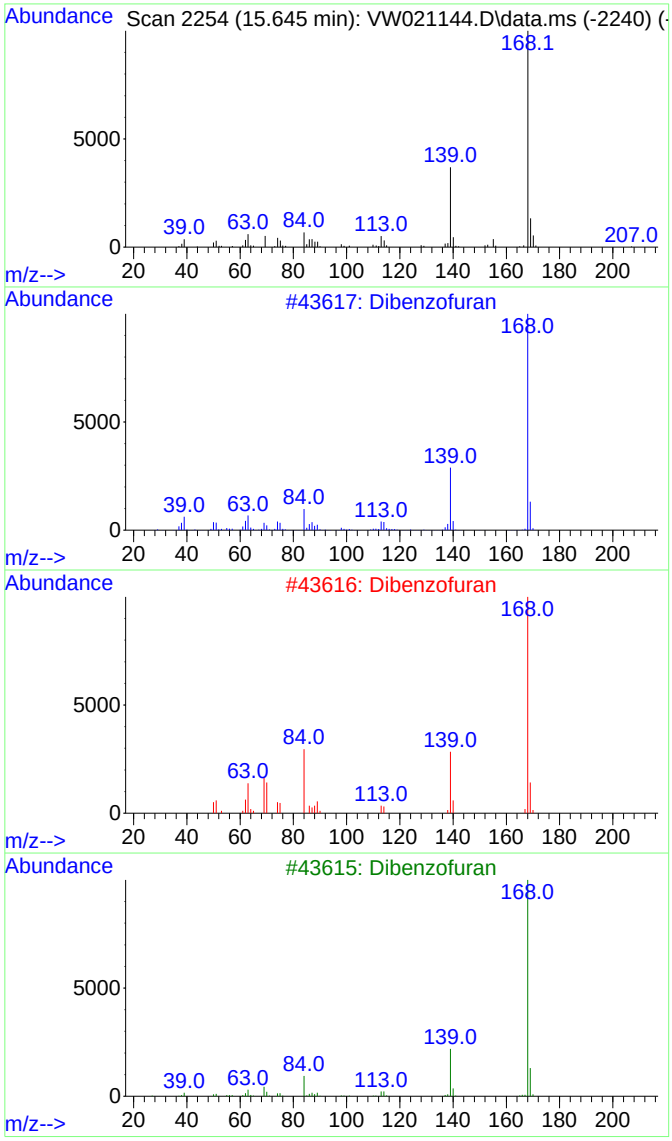
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

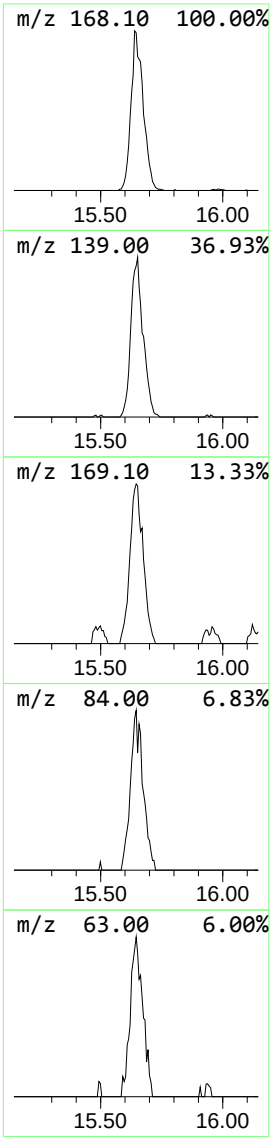
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4-Fluoro-1,3-benzothiazol-2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	53.18 ug/L	139442	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	72
3	Dibenzofuran	168	C12H8O	000132-64-9	64
4	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	59
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

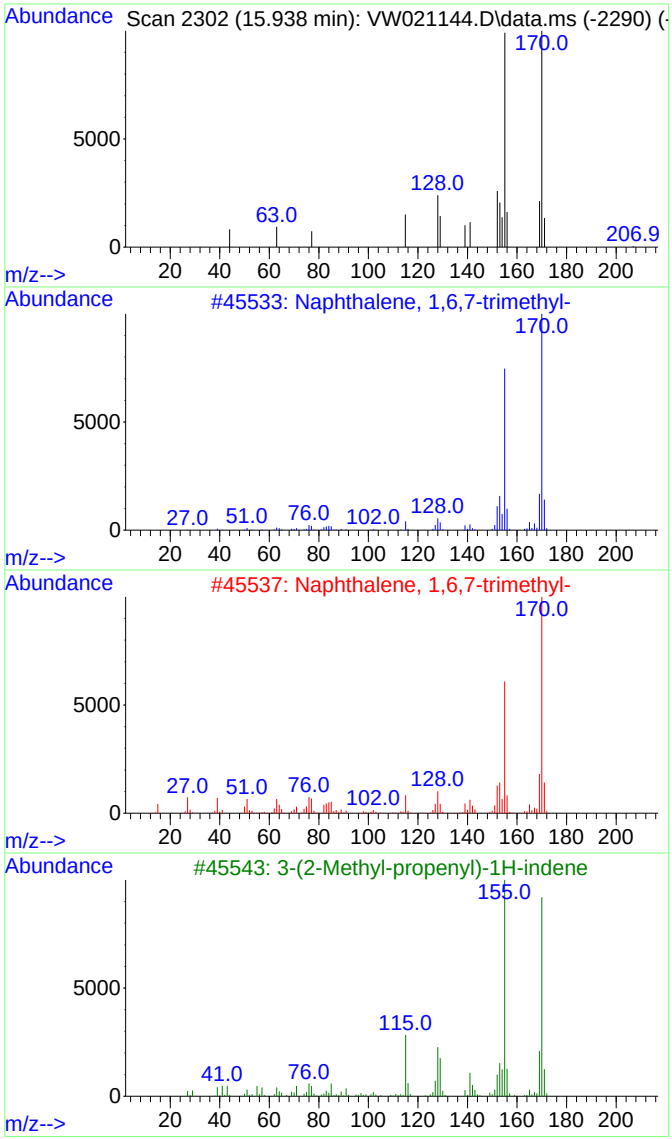
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

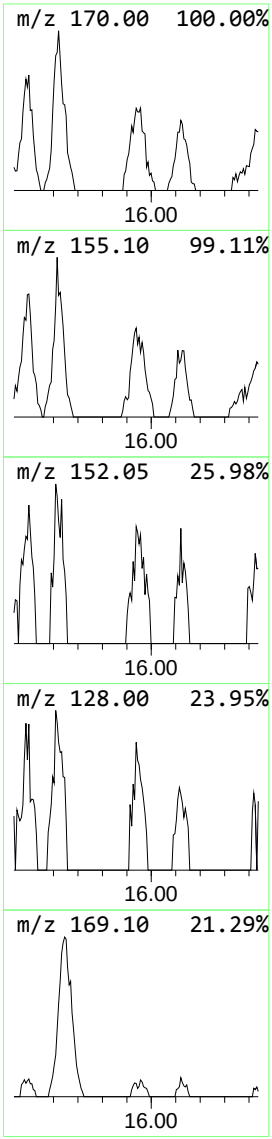
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	2.42 ug/L	6332	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

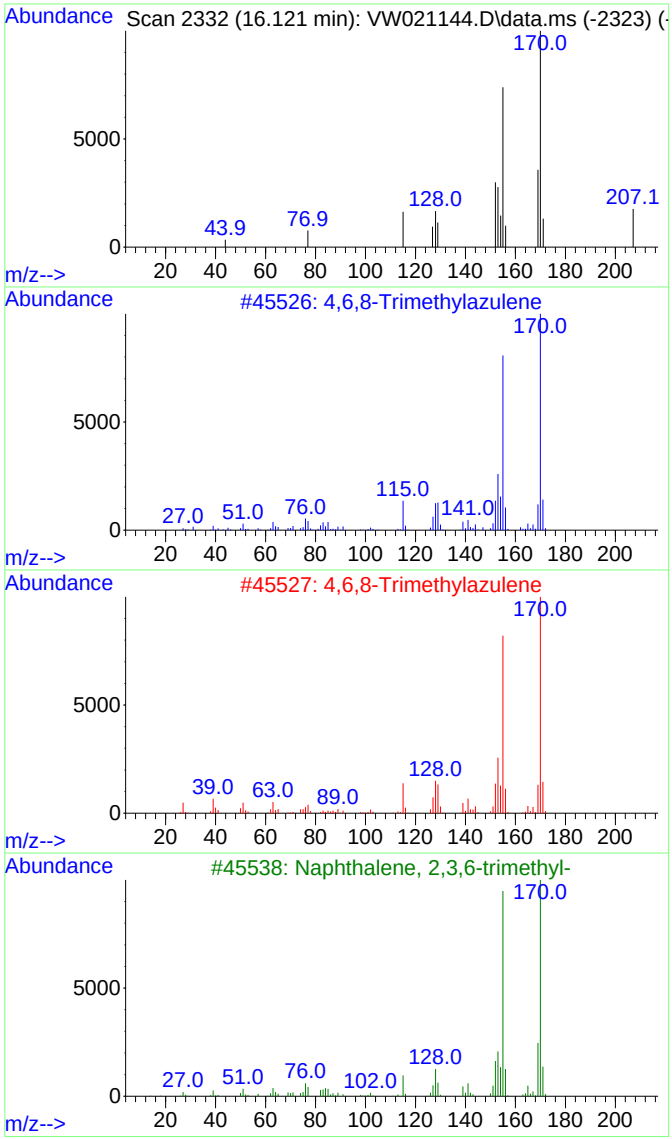
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

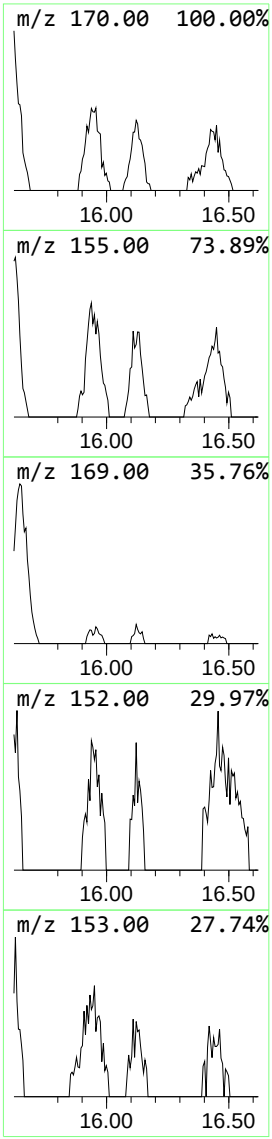
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4,6,8-Trimethylazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	2.78 ug/L	7286	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

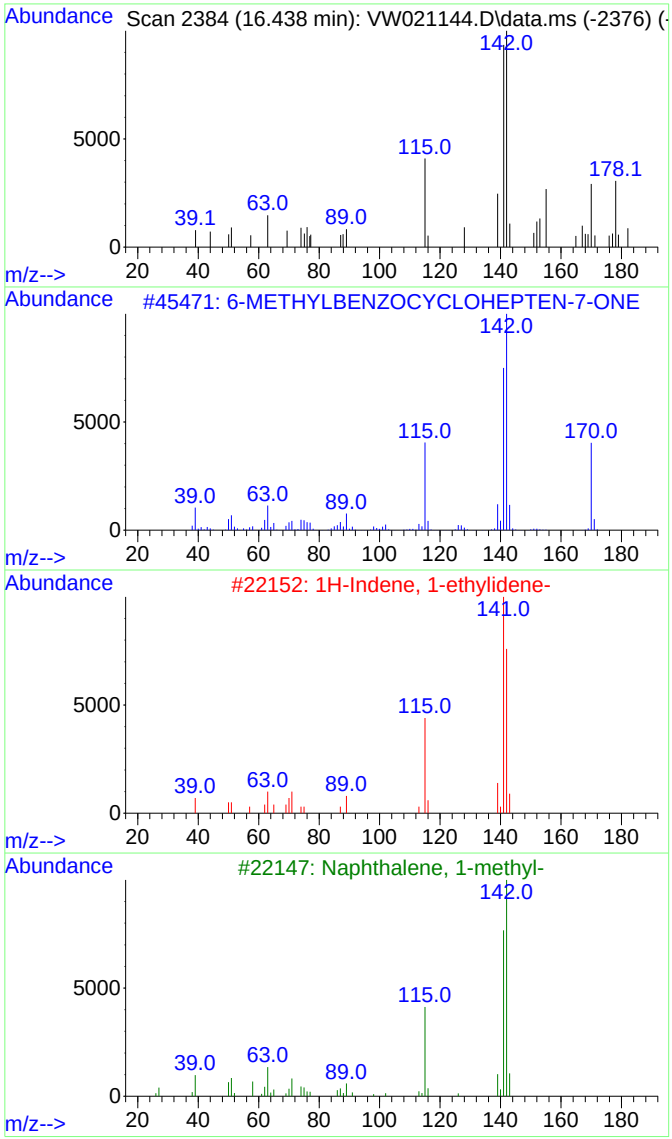
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

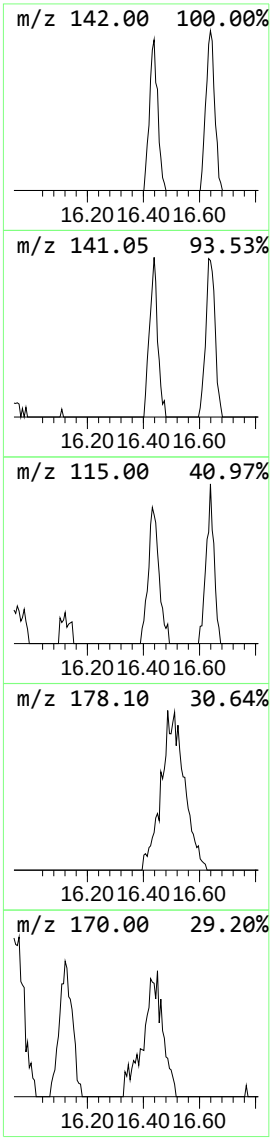
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6-METHYLBENZOCYCLOHEPTEN-7-ONE Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	7.24 ug/L	18982	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-METHYLBENZOCYCLOHEPTEN-7-ONE	170	C12H10O	004900-73-6	60
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	58
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	58
4	Benzocycloheptatriene	142	C11H10	000264-09-5	52
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

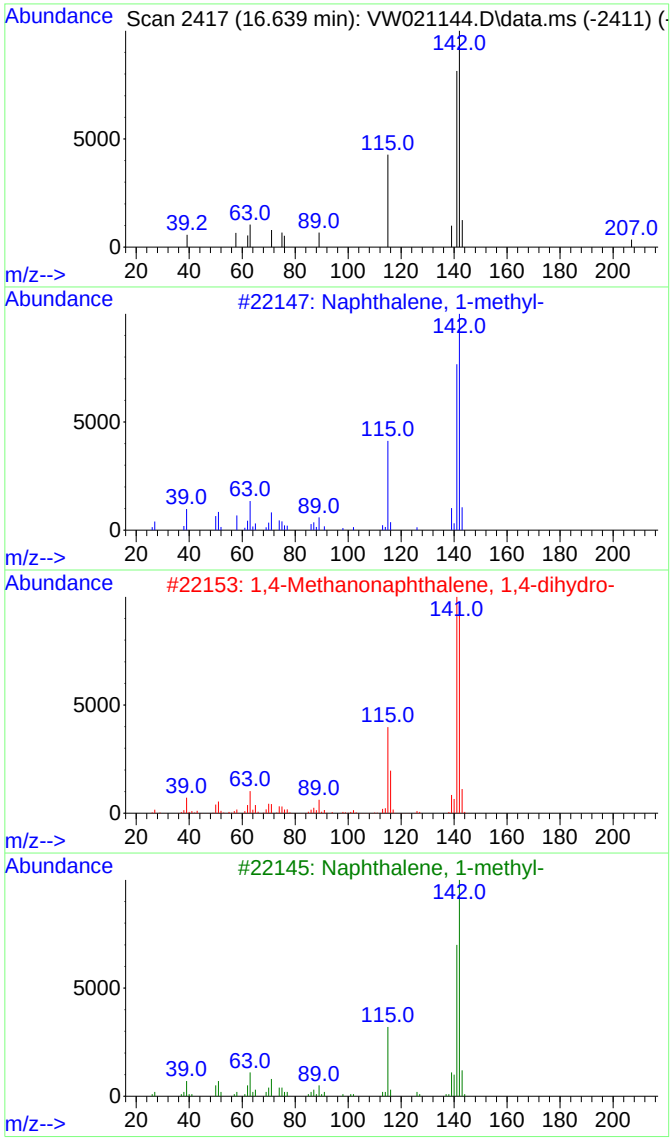
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

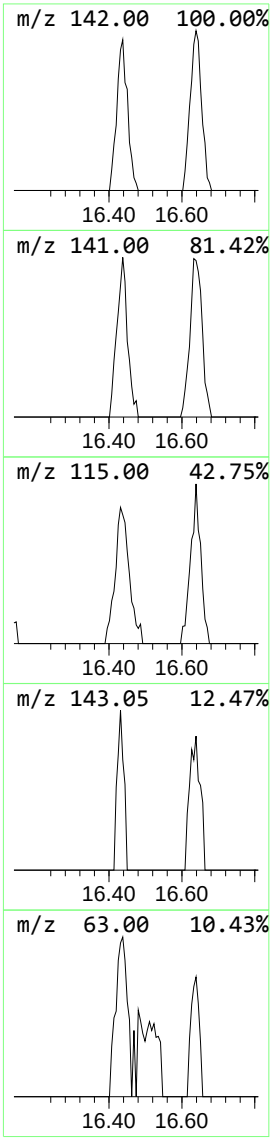
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,4-Methanonaphthalene, 1,4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	2.78 ug/L	7276	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021144.D
Acq On : 05 Dec 2021 03:02
Operator : SY/VA
Sample : M4886-03RE
Misc : 4.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
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
unknown-01	11.067	1.3	ug/L	7207	2	11.634	136066	25.0
Naphthalene, 2,...	12.884	26.8	ug/L	70178	3	13.560	65548	25.0
Naphthalene, 1,...	13.329	77.1	ug/L	202267	3	13.560	65548	25.0
Biphenyl	13.755	2.7	ug/L	7074	3	13.560	65548	25.0
Acridone, TMS d...	14.066	11.8	ug/L	30970	3	13.560	65548	25.0
Naphthalene, 1,...	14.304	8.1	ug/L	21157	3	13.560	65548	25.0
Biphenylene	14.524	80.0	ug/L	209678	3	13.560	65548	25.0
unknown-02	14.719	1.7	ug/L	4403	3	13.560	65548	25.0
Hexa-2,4-diyn-1...	14.950	22.4	ug/L	58867	3	13.560	65548	25.0
Benzene, 1,3-bi...	15.432	1.9	ug/L	5028	3	13.560	65548	25.0
4-Fluoro-1,3-be...	15.645	53.2	ug/L	139442	3	13.560	65548	25.0
Naphthalene, 1,...	15.938	2.4	ug/L	6332	3	13.560	65548	25.0
4,6,8-Trimethyl...	16.121	2.8	ug/L	7286	3	13.560	65548	25.0
6-METHYLBENZOCY...	16.438	7.2	ug/L	18982	3	13.560	65548	25.0
1,4-Methanonaph...	16.639	2.8	ug/L	7276	3	13.560	65548	25.0