LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021155.D
Acq On : 05 Dec 2021 07:25
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

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: VW021155.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	82	rVB	42757	71542	13.65%	1.532%
2	2.885	155	161	171	rVB	25167	49391	9.42%	1.058%
3	3.391	238	244	254	rVB2	1257	2674	0.51%	0.057%
4	3.739	297	301	302	rBV	109	162	0.03%	0.003%
5	4.019	336	347	360	rBV2	63799	176010	33.57%	3.770%
6	4.275	387	389	391	rBV	108	136	0.03%	0.003%
7	4.434	407	415	418	rBV2	702	1737	0.33%	0.037%
8	4.623	442	446	448	rBV	85	162	0.03%	0.003%
9	4.763	464	469	471	rBV	148	230	0.04%	0.005%
10	4.842	479	482	485	rBV	142	210	0.04%	0.004%
11	4.921	485	495	509	rVB2	6101	19448	3.71%	0.417%
12	5.080	519	521	523	rBV	115	117	0.02%	0.003%
13	5.116	523	527	530	rBV3	267	436	0.08%	0.009%
14	5.391	569	572	574	rBB	139	183	0.03%	0.004%
15	5.452	579	582	584	rBV	123	160	0.03%	0.003%
16	5.677	616	619	620	rBV	124	111	0.02%	0.002%
17	5.690	620	621	624	rVB	156	95	0.02%	0.002%
18	5.738	627	629	630	rBV	448	361	0.07%	0.008%
19	5.811	639	641	642	rBV	124	95	0.02%	0.002%
20	5.933	655	661	662	rBV	971	1249	0.24%	0.027%
21	6.037	676	678	680	rBV	77	94	0.02%	0.002%
22	6.067	680	683	684	rVB	126	116	0.02%	0.002%
23	6.141	693	695	697	rBV	136	114	0.02%	0.002%
24	6.165	697	699	702	rVB	129	131	0.02%	0.003%
25	6.196	702	704	705	rBV	125	96	0.02%	0.002%
26	6.214	705	707	710	rVB	159	182	0.03%	0.004%
27	6.324	722	725	726	rBV	160	136	0.03%	0.003%
28	6.427	740	742	743	rBV	126	97	0.02%	0.002%
29	6.482	750	751	753	rBV	139	104	0.02%	0.002%
30	6.555	761	763	765	rBB	137	125	0.02%	0.003%
31	6.689	782	785	789	rBB	95	167	0.03%	0.004%
32	6.781	797	800	801	rBV	113	127	0.02%	0.003%
33	6.817	804	806	808	rBB	138	119	0.02%	0.003%
34	6.921	819	823	824	rBV	179	182	0.03%	0.004%
35	7.000	835	836	838	rBV	125	93	0.02%	0.002%
36	7.086	841	850	855	rBV	9714	26887	5.13%	0.576%

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Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

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	7.256	876	878	880	rBV	138	105	0.02%	0.002%
38	7.531	922	923	926	rBV	191	199	0.04%	0.004%
39	7.653	931	943	956	rBV	81121	197492	37.67%	4.230%
40	7.823	967	971	973	rBB	123	135	0.03%	0.003%
41	7.982	994	997	998	rBV	154	120	0.02%	0.003%
42	8.152	1023	1025	1027	rBB	133	97	0.02%	0.002%
43	8.274	1032	1045	1059	rBV3	171321	524265	100.00%	11.228%
44	8.841	1130	1138	1149	rBB	157911	309426	59.02%	6.627%
45	8.915	1149	1150	1152	rBV	129	93	0.02%	0.002%
46	9.079	1173	1177	1183	rBB2	730	1272	0.24%	0.027%
47	9.274	1201	1209	1218	rVV	102320	205538	39.20%	4.402%
48	9.347	1218	1221	1225	rVB2	295	399	0.08%	0.009%
49	9.500	1243	1246	1250	rBB	76	119	0.02%	0.003%
50	9.658	1268	1272	1278	rBB	363	637	0.12%	0.014%
51	9.750	1285	1287	1288	rBV	250	176	0.03%	0.004%
52	9.811	1295	1297	1299	rBB	135	133	0.03%	0.003%
53	9.890	1306	1310	1315	rBV3	1128	1857	0.35%	0.040%
54	9.957	1318	1321	1323	rBV2	217	285	0.05%	0.006%
55	10.036	1323	1334	1343	rVB	53867	95631	18.24%	2.048%
56	10.103	1343	1345	1347	rBV	145	193	0.04%	0.004%
57	10.213	1358	1363	1366	rBV2	712	1225	0.23%	0.026%
58	10.323	1373	1381	1388	rBV	242416	429090	81.85%	9.190%
59	10.390	1388	1392	1401	rVB	3434	5795	1.11%	0.124%
60	10.475	1402	1406	1408	rBB	131	125	0.02%	0.003%
61	10.579	1417	1423	1431	rBB	32650	55854	10.65%	1.196%
62	10.701	1436	1443	1451	rBV2	38153	66603	12.70%	1.426%
63	10.817	1459	1462	1463	rBB2	117	106	0.02%	0.002%
64	10.841	1463	1466	1472	rBB3	504	677	0.13%	0.014%
65	10.926	1473	1480	1492	rBV	39227	66936	12.77%	1.434%
66	11.067	1497	1503	1509	rBV	9688	18120	3.46%	0.388%
67	11.634	1589	1596	1606	rVB	240969	398976	76.10%	8.545%
68	11.835	1624	1629	1634	rBV2	1580	2643	0.50%	0.057%
69	11.877	1634	1636	1638	rVB2	265	231	0.04%	0.005%
70	11.951	1646	1648	1650	rVB	144	118	0.02%	0.003%
71	12.066	1665	1667	1669	rVB	156	127	0.02%	0.003%
72	12.109	1670	1674	1675	rBB	120	115	0.02%	0.002%
73	12.127	1675	1677	1679	rBV	175	162	0.03%	0.003%
74	12.176	1679	1685	1688	rVB4	834	1449	0.28%	0.031%
75	12.243	1691	1696	1698	rBV2	426	547	0.10%	0.012%
76	12.268	1698	1700	1702	rBV2	320	247	0.05%	0.005%

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Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

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	12.292	1702	1704	1705	rBV2	448	400	0.08%	0.009%
78	12.609	1750	1756	1763	rVB	96217	165333	31.54%	3.541%
79	12.688	1763	1769	1776	rBV	72476	121527	23.18%	2.603%
80	13.188	1848	1851	1856	rBV2	2315	3312	0.63%	0.071%
81	13.328	1864	1874	1885	rBV5	55167	225812	43.07%	4.836%
82	13.560	1906	1912	1918	rVB2	256916	420649	80.24%	9.009%
83	13.761	1940	1945	1950	rBV3	2559	4868	0.93%	0.104%
84	13.853	1953	1960	1970	rBV	234148	405245	77.30%	8.679%
85	14.066	1990	1995	2010	rVB2	23532	43978	8.39%	0.942%
86	14.188	2012	2015	2016	rBV	469	393	0.07%	0.008%
87	14.310	2022	2035	2042	rBV4	7840	24544	4.68%	0.526%
88	14.450	2056	2058	2061	rBV2	546	656	0.13%	0.014%
89	14.633	2085	2088	2090	rBV2	419	523	0.10%	0.011%
90	14.664	2090	2093	2094	rBV	498	497	0.09%	0.011%
91	14.724	2099	2103	2105	rBV5	2390	3737	0.71%	0.080%
92	14.956	2132	2141	2154	rVB2	36024	113570	21.66%	2.432%
93	15.249	2186	2189	2196	rVB5	883	2063	0.39%	0.044%
94	15.359	2200	2207	2213	rBV	22382	39982	7.63%	0.856%
95	15.432	2214	2219	2224	rBV	9220	15568	2.97%	0.333%
96	15.645	2242	2254	2269	rBV3	21959	83624	15.95%	1.791%
97	16.090	2325	2327	2329	rBV3	377	445	0.08%	0.010%
98	16.364	2366	2372	2373	rBV3	946	1556	0.30%	0.033%
99	16.438	2376	2384	2397	rVV	84502	183375	34.98%	3.927%
100	16.639	2409	2417	2427	rVB	30238	66974	12.77%	1.434%

Sum of corrected areas: 4669228

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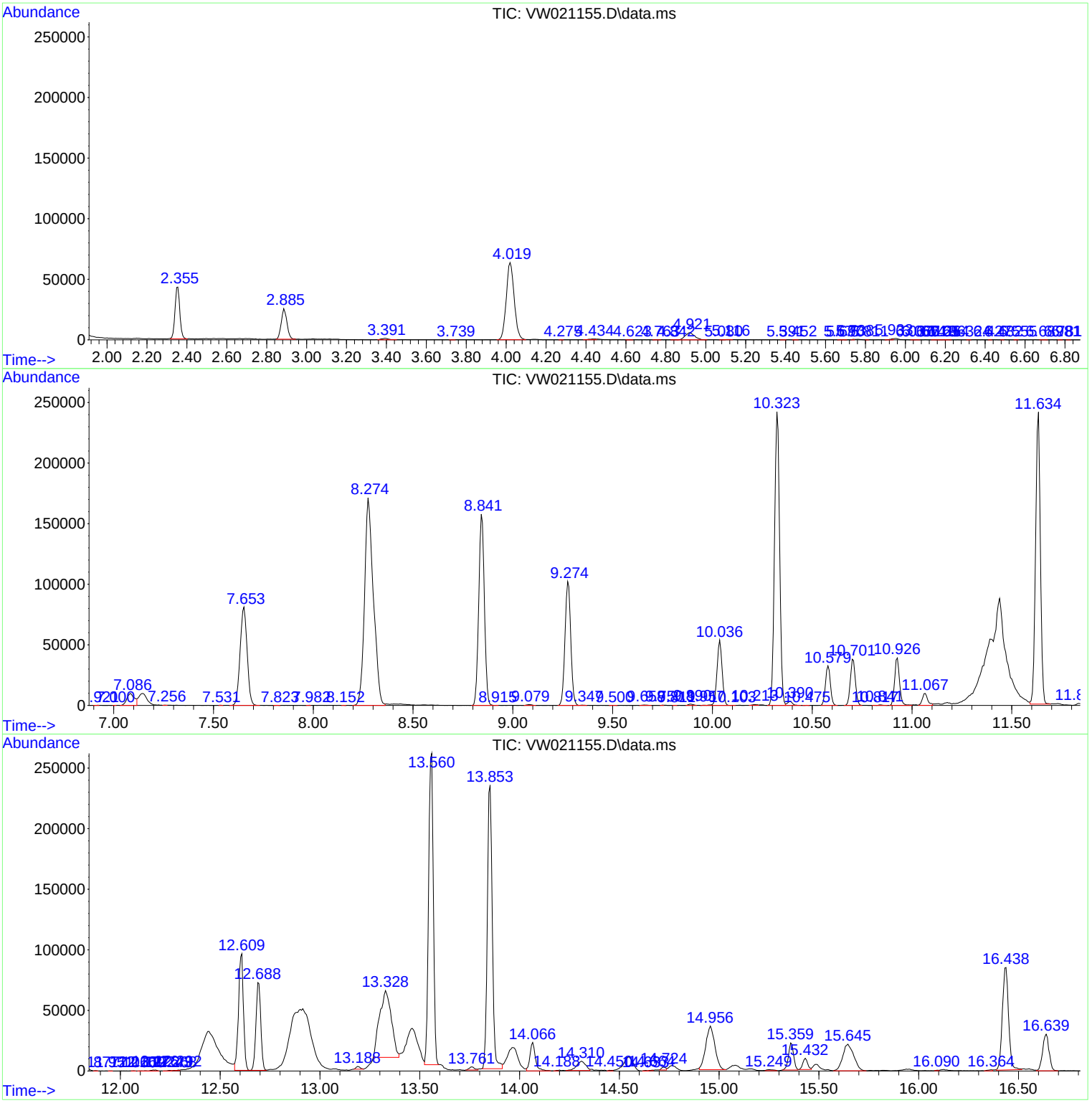
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021155.D
Acq On : 05 Dec 2021 07:25
Operator : SY/VA
Sample : VIBLK
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ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VIBLK504

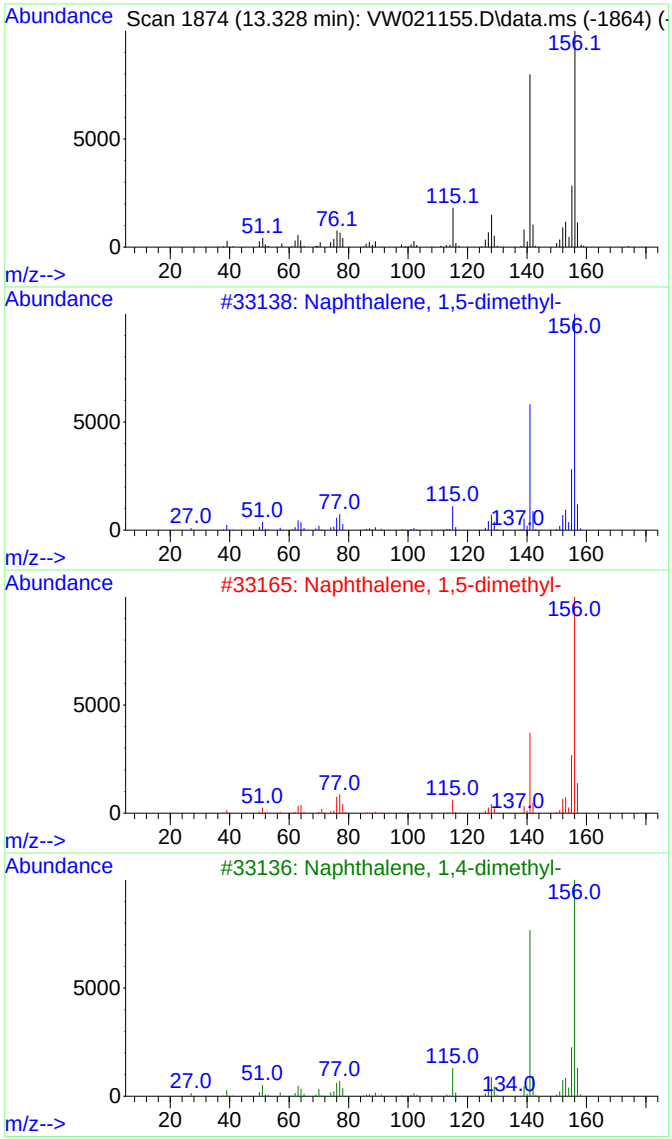
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

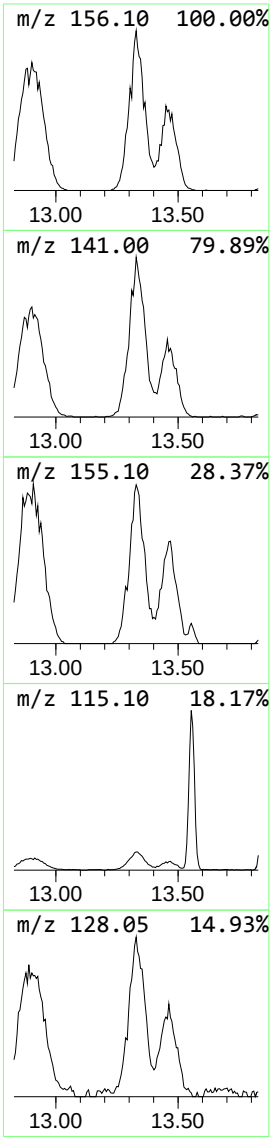
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.328	13.42 ug/L	225812	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021155.D
Acq On : 05 Dec 2021 07:25
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

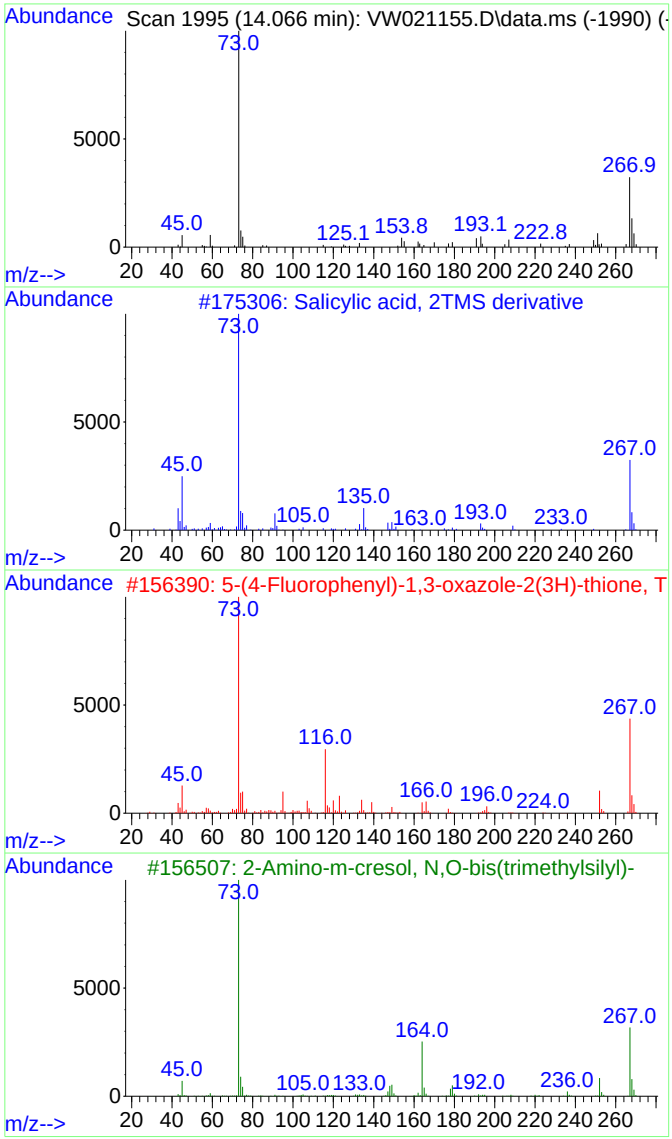
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

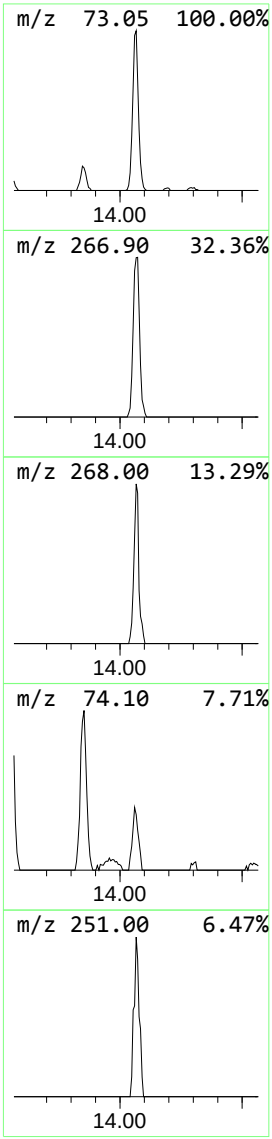
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Salicylic acid, 2TMS deriva... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	2.61 ug/L	43978	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	59
2	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
3	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	53
4	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	53
5	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	50





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ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

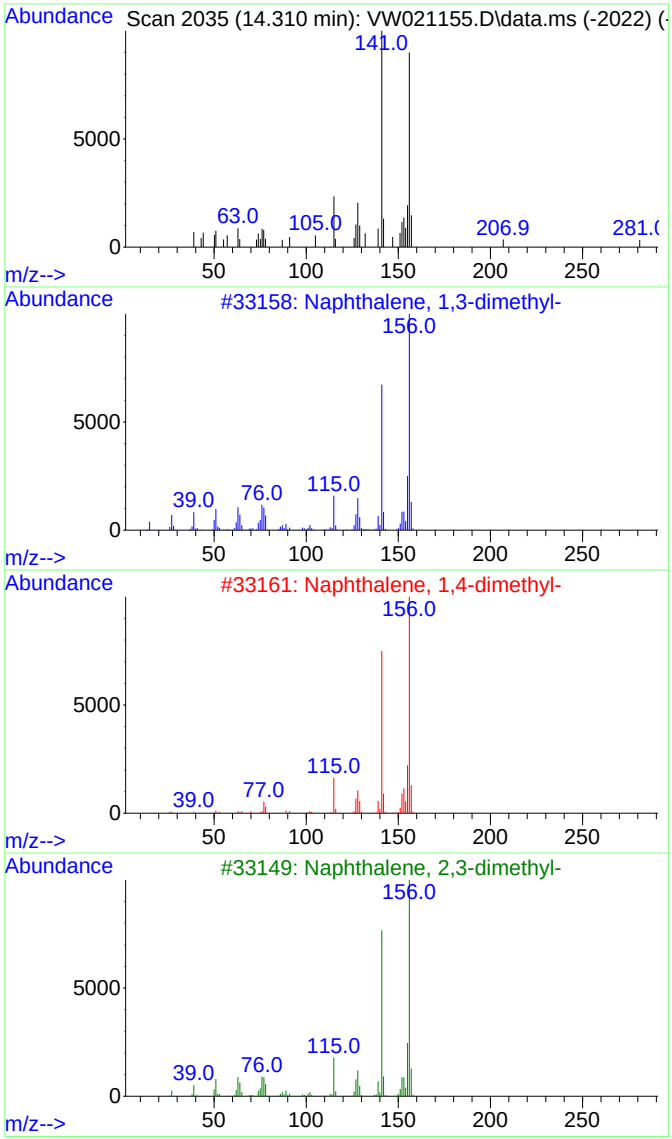
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

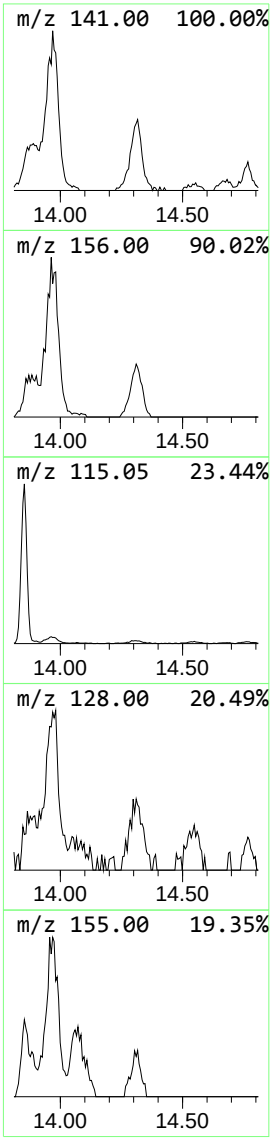
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	1.46 ug/L	24544	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
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Acq On : 05 Dec 2021 07:25
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

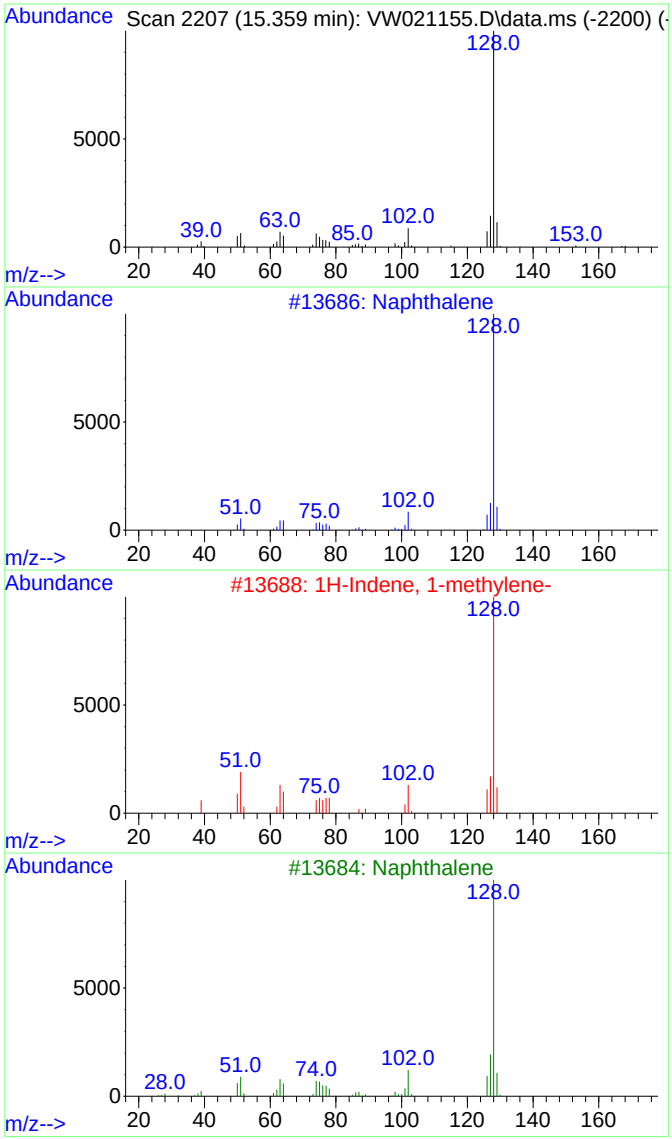
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

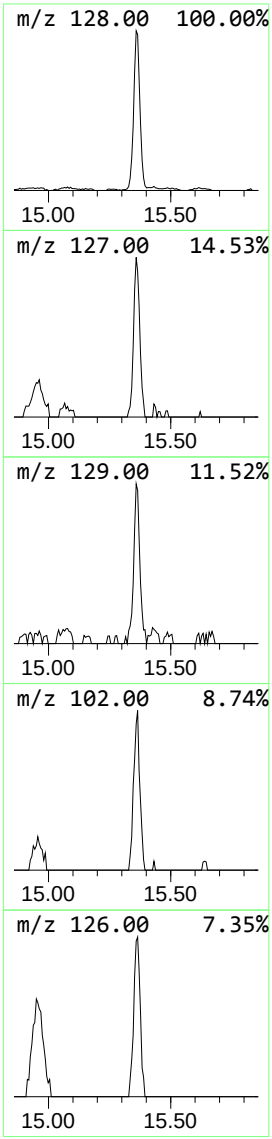
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 1-methylene- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	2.38 ug/L	39982	1,4-Dichlorobenzene-d4	13.560

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	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021155.D
Acq On : 05 Dec 2021 07:25
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

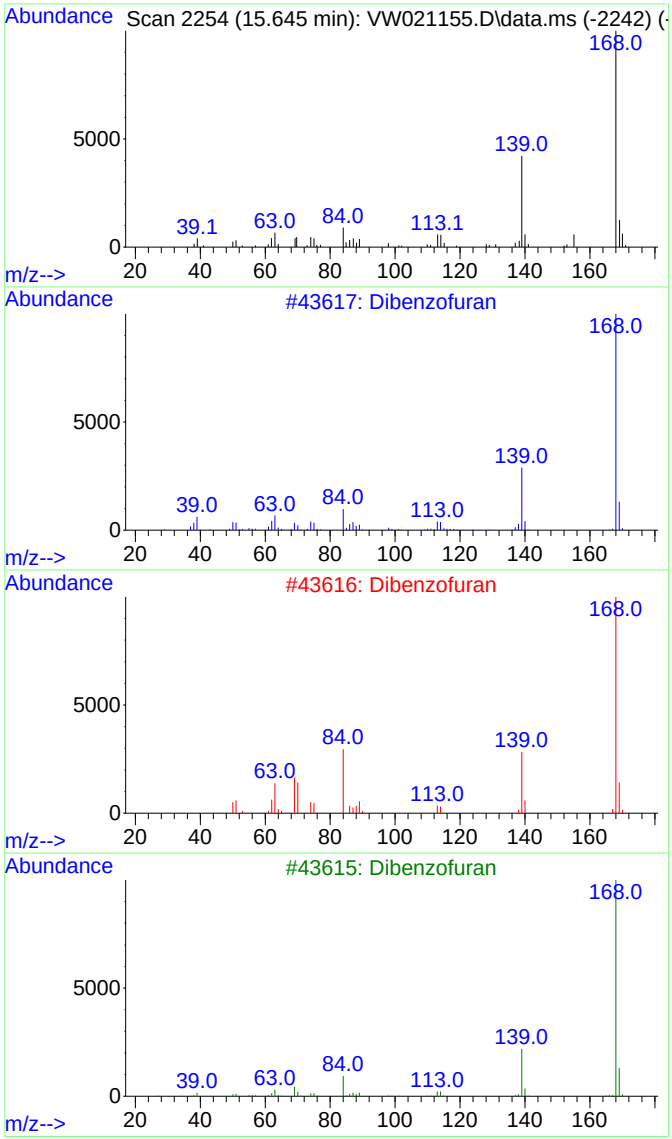
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

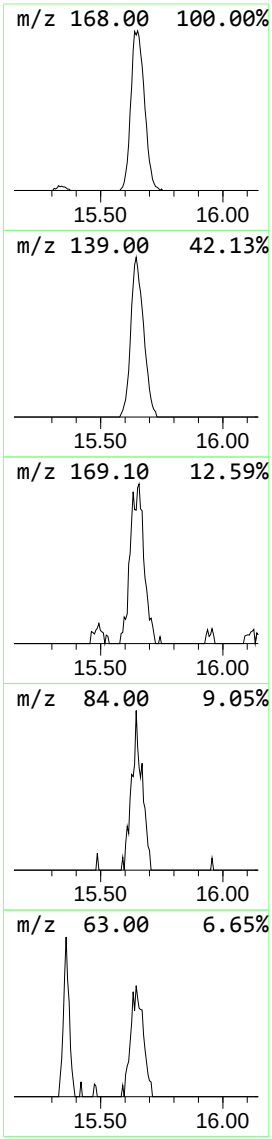
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Pyrido[3,4-b]indole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	4.97 ug/L	83624	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	94
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	59
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53
5	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021155.D
Acq On : 05 Dec 2021 07:25
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK504

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
Naphthalene, 1,...	13.328	13.4	ug/L	225812	3	13.560	420649	25.0
Salicylic acid,...	14.066	2.6	ug/L	43978	3	13.560	420649	25.0
Naphthalene, 1,...	14.310	1.5	ug/L	24544	3	13.560	420649	25.0
1H-Indene, 1-me...	15.358	2.4	ug/L	39982	3	13.560	420649	25.0
9H-Pyrido[3,4-b...	15.645	5.0	ug/L	83624	3	13.560	420649	25.0