LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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: VW021130.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	84	rVB	47716	76603	3.70%	0.972%
2	2.886	154	161	170	rBV	23676	50009	2.42%	0.635%
3	3.221	214	216	217	rBV	147	106	0.01%	0.001%
4	3.660	286	288	289	rBV	111	90	0.00%	0.001%
5	4.019	337	347	360	rBV	48408	137961	6.67%	1.751%
6	4.178	372	373	376	rVB	135	117	0.01%	0.001%
7	4.251	384	385	388	rVV	98	88	0.00%	0.001%
8	4.379	399	406	419	rBV2	983	3188	0.15%	0.040%
9	4.483	421	423	426	rVB	143	139	0.01%	0.002%
10	4.507	426	427	431	rBB	80	93	0.00%	0.001%
11	4.672	450	454	457	rBB	73	110	0.01%	0.001%
12	4.714	458	461	463	rBV	79	123	0.01%	0.002%
13	4.769	469	470	474	rBV	72	116	0.01%	0.001%
14	4.916	485	494	507	rVV2	5381	15437	0.75%	0.196%
15	5.129	523	529	530	rBV	311	511	0.02%	0.006%
16	5.288	551	555	558	rBV	114	159	0.01%	0.002%
17	5.355	564	566	570	rBV	115	150	0.01%	0.002%
18	5.440	577	580	581	rBV	201	174	0.01%	0.002%
19	5.501	587	590	593	rBB	76	117	0.01%	0.001%
20	5.665	616	617	619	rBB	124	90	0.00%	0.001%
21	5.684	619	620	624	rBB	94	118	0.01%	0.001%
22	5.714	624	625	628	rBV	66	92	0.00%	0.001%
23	5.818	640	642	646	rVV	96	105	0.01%	0.001%
24	5.946	656	663	669	rVB4	1207	2978	0.14%	0.038%
25	6.062	679	682	686	rBB	95	125	0.01%	0.002%
26	6.239	708	711	713	rBB	118	133	0.01%	0.002%
27	6.312	722	723	726	rBB	133	127	0.01%	0.002%
28	6.598	768	770	772	rBB	129	89	0.00%	0.001%
29	6.885	815	817	820	rBB	81	105	0.01%	0.001%
30	6.995	832	835	840	rBB	154	179	0.01%	0.002%
31	7.080	840	849	854	rBV	10041	27417	1.32%	0.348%
32	7.342	889	892	895	rBB	75	117	0.01%	0.001%
33	7.433	904	907	909	rBV	121	131	0.01%	0.002%
34	7.458	909	911	913	rVB	120	95	0.00%	0.001%
35	7.647	931	942	955	rBV	62602	155037	7.49%	1.967%
36	7.738	955	957	959	rVB	126	94	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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	7.909	984	985	989	rVB	133	140	0.01%	0.002%
38	7.964	992	994	997	rBB	82	102	0.00%	0.001%
39	7.994	997	999	1001	rBV	112	102	0.00%	0.001%
40	8.177	1027	1029	1031	rBV	93	98	0.00%	0.001%
41	8.275	1035	1045	1060	rBV2	124360	370770	17.91%	4.705%
42	8.842	1130	1138	1149	rBB	98407	194302	9.39%	2.466%
43	9.092	1170	1179	1192	rVV	899619	1721460	83.17%	21.844%
44	9.214	1197	1199	1201	rBV	235	262	0.01%	0.003%
45	9.275	1201	1209	1218	rVV	83206	164979	7.97%	2.093%
46	9.342	1218	1220	1224	rVB	288	289	0.01%	0.004%
47	9.378	1224	1226	1228	rBB	96	99	0.00%	0.001%
48	9.421	1231	1233	1236	rBB	137	91	0.00%	0.001%
49	9.494	1243	1245	1246	rBV	126	93	0.00%	0.001%
50	9.555	1254	1255	1258	rBV	71	92	0.00%	0.001%
51	9.781	1289	1292	1295	rBB	78	117	0.01%	0.001%
52	9.835	1298	1301	1304	rBB	87	131	0.01%	0.002%
53	10.037	1326	1334	1343	rBB	45038	81249	3.93%	1.031%
54	10.146	1350	1352	1354	rBV	135	148	0.01%	0.002%
55	10.213	1358	1363	1367	rBB	512	806	0.04%	0.010%
56	10.323	1373	1381	1388	rVV	175961	306078	14.79%	3.884%
57	10.384	1388	1391	1397	rVB2	2363	3910	0.19%	0.050%
58	10.524	1411	1414	1417	rBV	85	145	0.01%	0.002%
59	10.579	1417	1423	1429	rVV	29541	48970	2.37%	0.621%
60	10.701	1438	1443	1450	rVV2	6071	10193	0.49%	0.129%
61	10.787	1452	1457	1461	rVV2	4402	6646	0.32%	0.084%
62	10.860	1461	1469	1476	rVV	1209408	2069932	100.00%	26.266%
63	10.927	1476	1480	1494	rVB4	37403	75310	3.64%	0.956%
64	11.067	1497	1503	1508	rVV	3050	4896	0.24%	0.062%
65	11.207	1523	1526	1527	rBV	177	202	0.01%	0.003%
66	11.390	1527	1556	1559	rBV3	12003	57329	2.77%	0.727%
67	11.628	1589	1595	1606	rVB	136160	226650	10.95%	2.876%
68	11.841	1624	1630	1634	rBB3	612	934	0.05%	0.012%
69	11.994	1653	1655	1658	rBB3	125	115	0.01%	0.001%
70	12.225	1690	1693	1694	rBV	178	188	0.01%	0.002%
71	12.256	1694	1698	1700	rBV2	350	544	0.03%	0.007%
72	12.603	1750	1755	1763	rVB2	27559	45128	2.18%	0.573%
73	12.695	1763	1770	1776	rVB	68233	113586	5.49%	1.441%
74	12.884	1777	1801	1804	rBV3	66479	263386	12.72%	3.342%
75	13.189	1848	1851	1855	rBV4	705	1013	0.05%	0.013%
76	13.329	1858	1874	1885	rBV3	100117	468471	22.63%	5.944%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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	13.554	1906	1911	1918	rVB	134547	219559	10.61%	2.786%
78	13.646	1923	1926	1935	rVB4	1431	2838	0.14%	0.036%
79	13.713	1935	1937	1939	rBV	156	109	0.01%	0.001%
80	13.756	1942	1944	1948	rVB3	513	621	0.03%	0.008%
81	13.853	1953	1960	1969	rBV	136191	260764	12.60%	3.309%
82	14.066	1990	1995	2004	rVB2	10999	17769	0.86%	0.225%
83	14.164	2009	2011	2013	rBV	192	152	0.01%	0.002%
84	14.310	2020	2035	2044	rBV2	16573	53706	2.59%	0.681%
85	14.536	2056	2072	2086	rBV5	24599	79862	3.86%	1.013%
86	14.652	2089	2091	2092	rBV5	127	117	0.01%	0.001%
87	14.664	2092	2093	2094	rBV5	201	120	0.01%	0.002%
88	14.719	2097	2102	2104	rBV2	2337	3379	0.16%	0.043%
89	14.847	2121	2123	2124	rBV	238	164	0.01%	0.002%
90	14.957	2131	2141	2153	rBV2	23547	74392	3.59%	0.944%
91	15.359	2198	2207	2214	rBV	15865	30008	1.45%	0.381%
92	15.432	2214	2219	2223	rBV2	5839	10878	0.53%	0.138%
93	15.639	2241	2253	2271	rVB3	77547	306304	14.80%	3.887%
94	15.938	2293	2302	2316	rVB5	4179	16505	0.80%	0.209%
95	16.121	2321	2332	2342	rBV5	3402	10696	0.52%	0.136%
96	16.371	2363	2373	2374	rBV5	817	1897	0.09%	0.024%
97	16.438	2377	2384	2397	rVB	21310	50441	2.44%	0.640%
98	16.639	2409	2417	2426	rBV2	13181	28781	1.39%	0.365%
99	16.731	2430	2432	2435	rVB	131	95	0.00%	0.001%
100	16.767	2435	2438	2441	rBV2	268	365	0.02%	0.005%

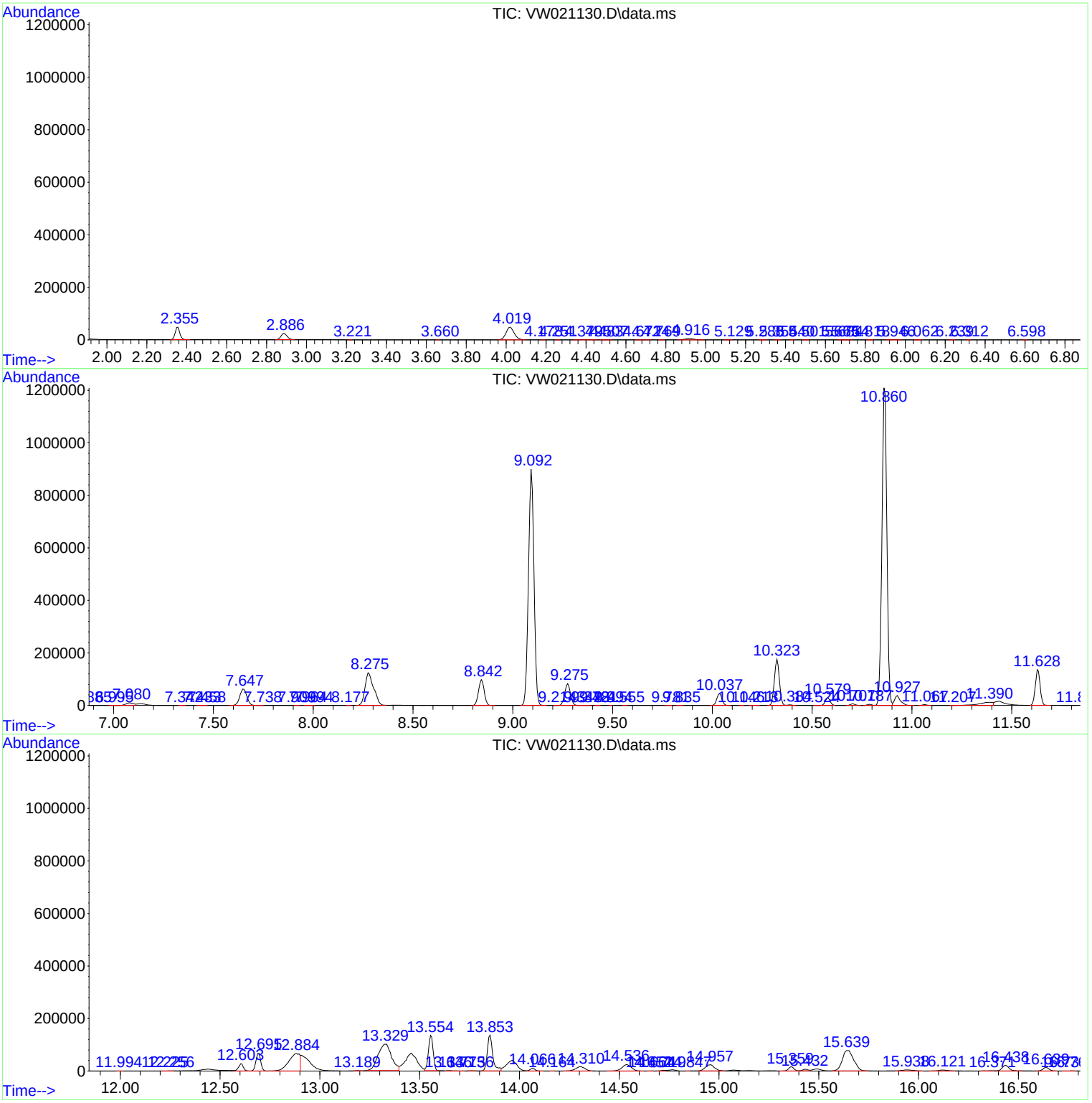
Sum of corrected areas: 7880801

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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

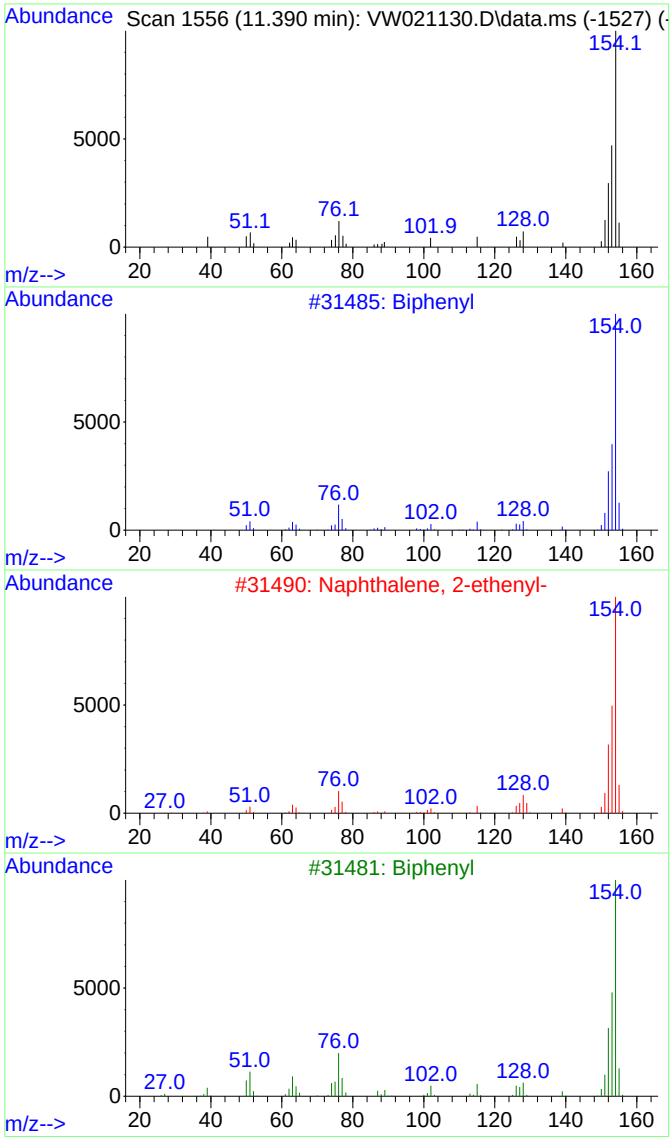
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

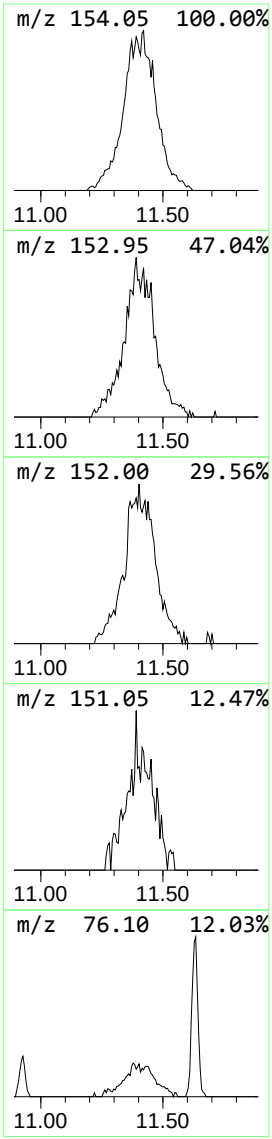
****

Peak Number 3 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	6.32 ug/L	57329	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

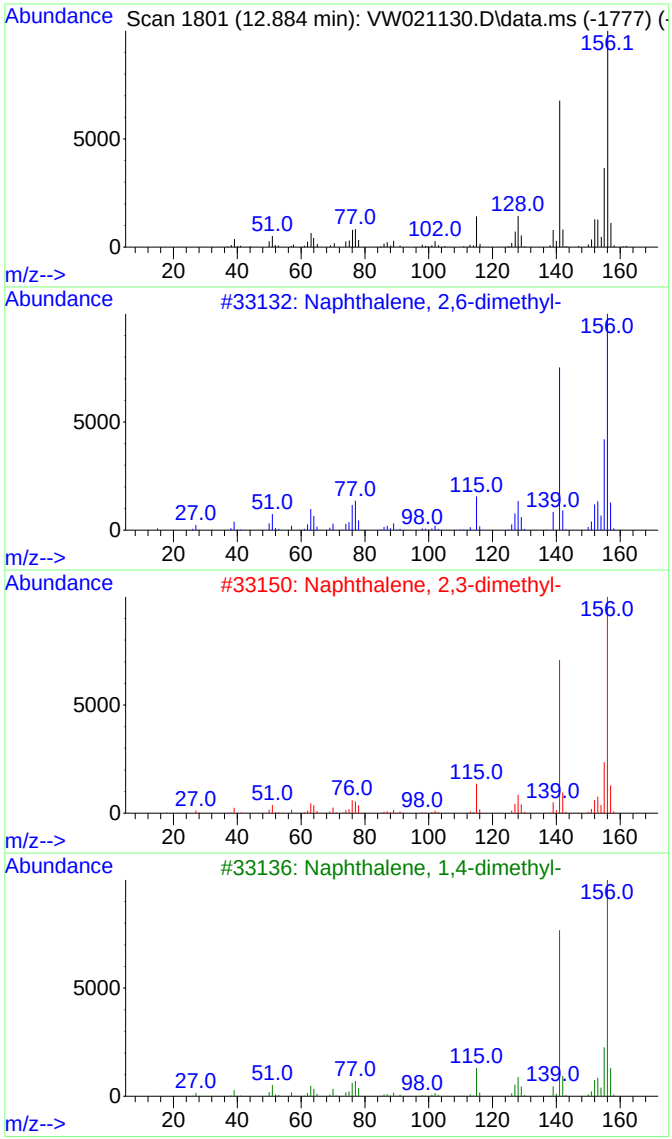
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

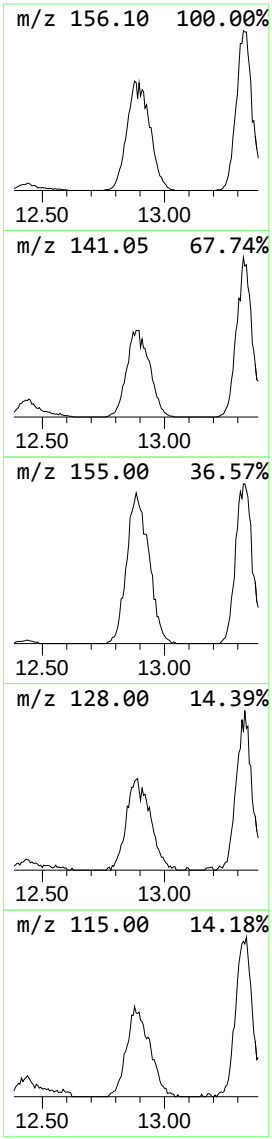
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.884	29.99 ug/L	263386	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

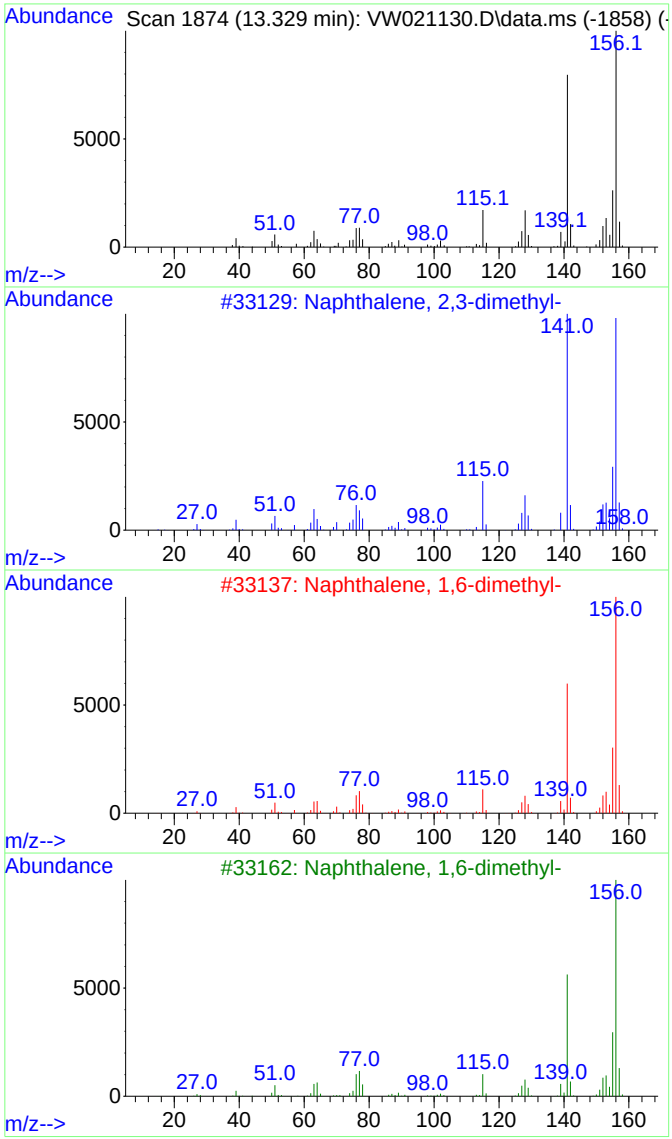
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

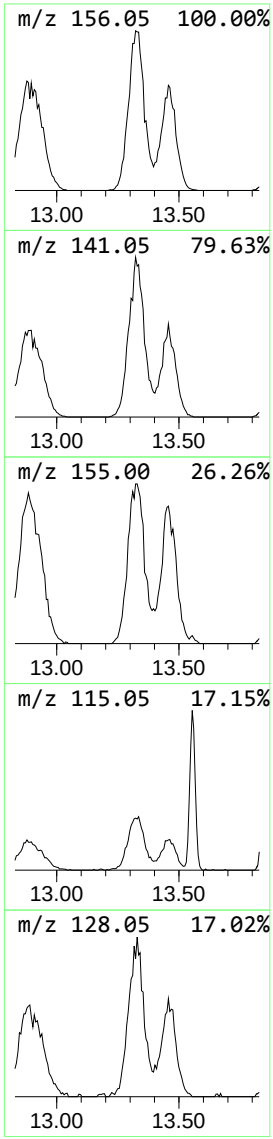
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	53.34 ug/L	468471	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

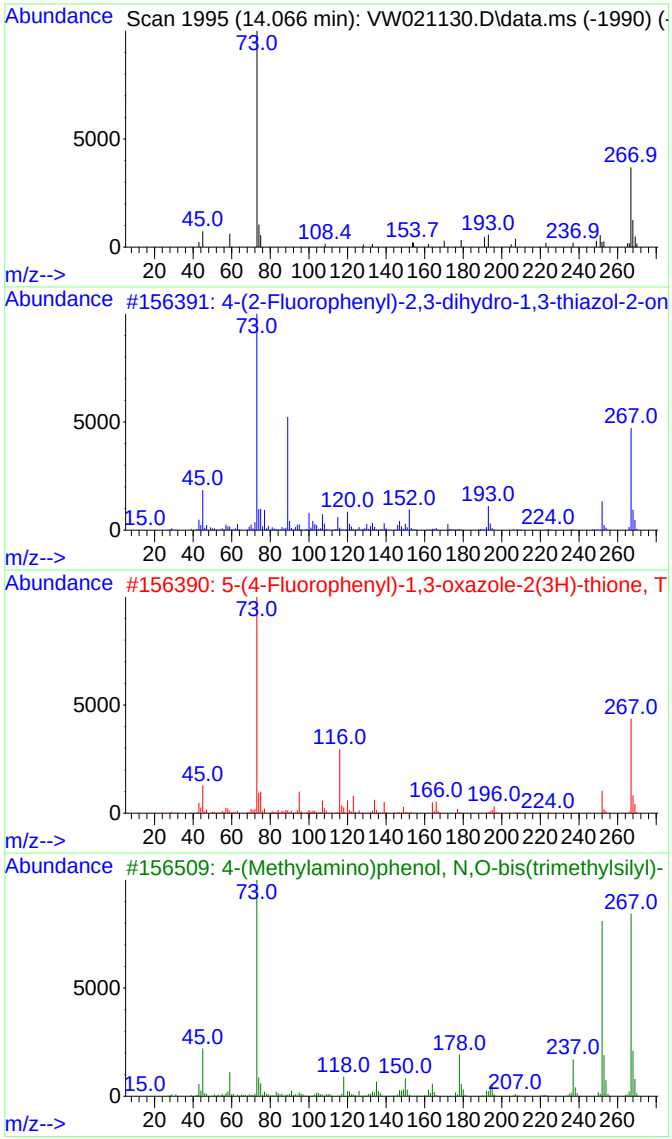
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

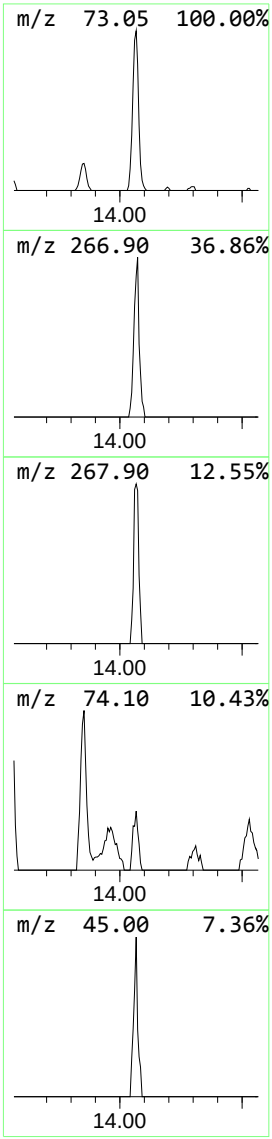
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(2-Fluorophenyl)-2,3-dihy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	2.02 ug/L	17769	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Fluorophenyl)-2,3-dihydro-1...	267	C12H14FNOSSi	1000504-37-6	64
2	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
3	4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	50
4	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	50
5	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

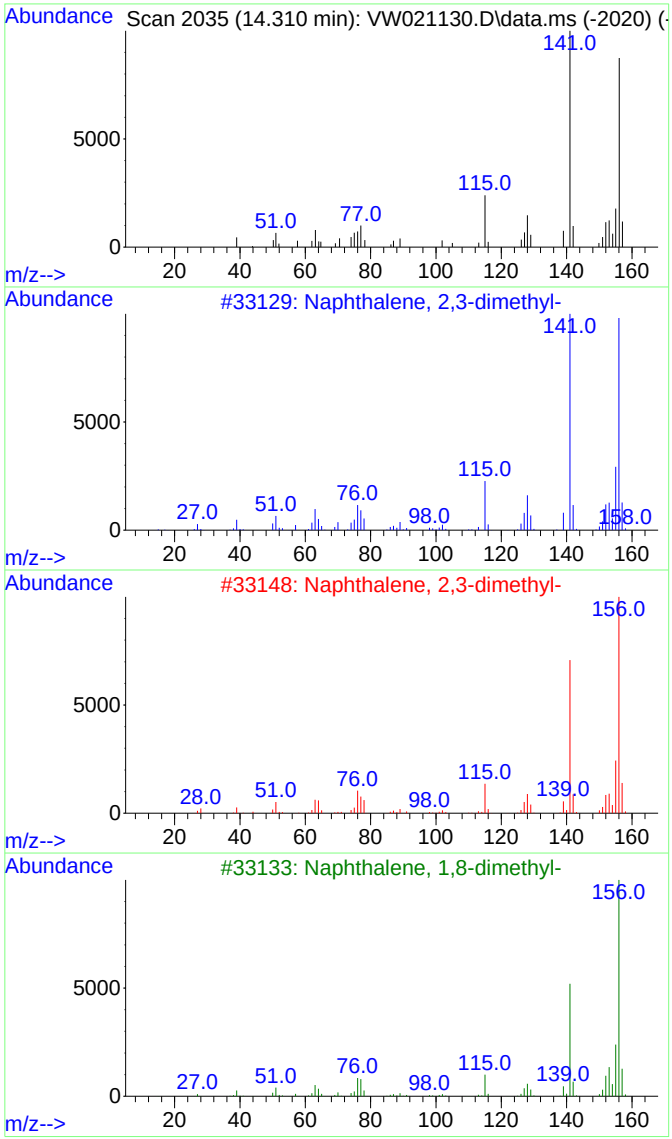
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

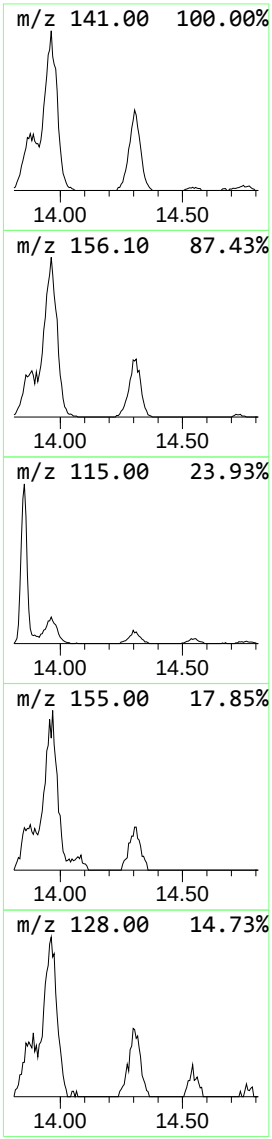
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,8-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	6.12 ug/L	53706	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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

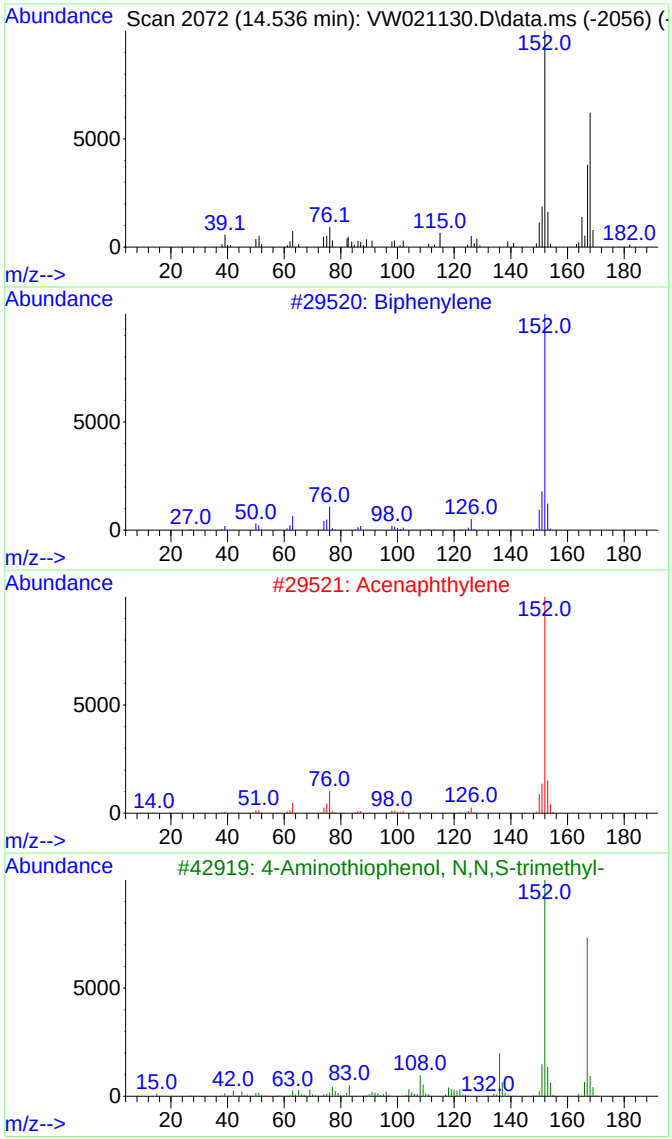
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

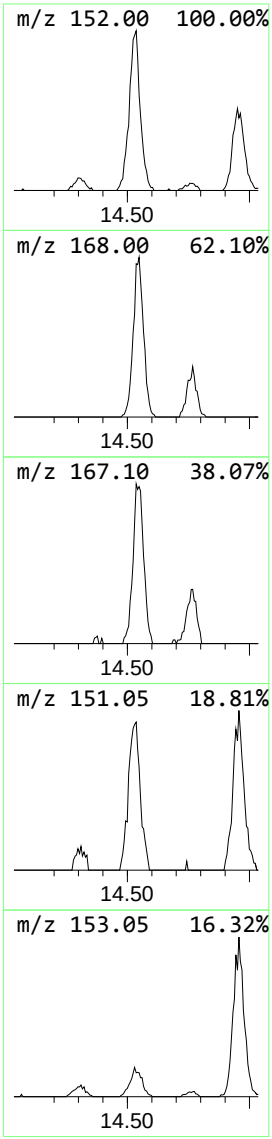
****

Peak Number 9 Biphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	9.09 ug/L	79862	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	55
2	Acenaphthylene	152	C12H8	000208-96-8	55
3	4-Aminothiophenol, N,N,S-trimethyl-	167	C9H13NS	1000353-07-7	53
4	3-Pyridinol, TMS derivative	167	C8H13NOSi	041571-88-4	52
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50





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Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

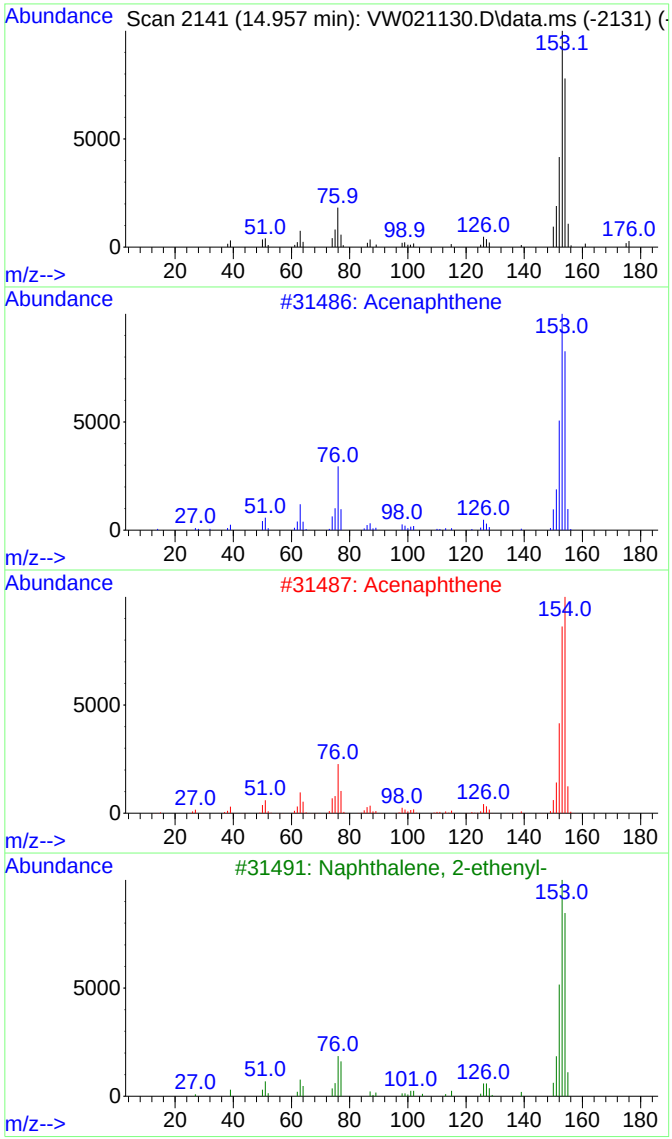
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

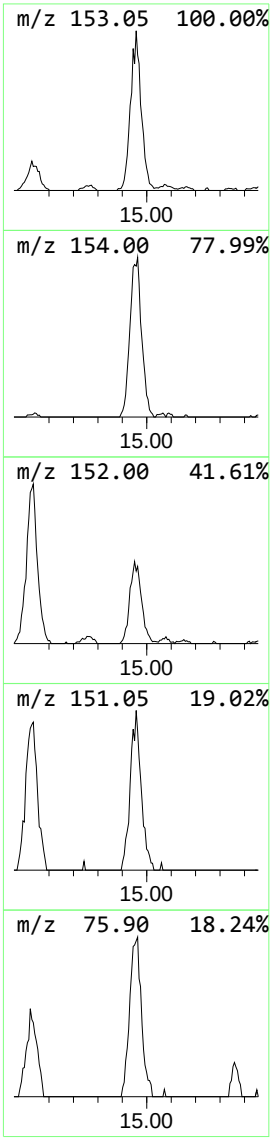
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	8.47 ug/L	74392	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	89
2	Acenaphthene	154	C12H10	000083-32-9	64
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	Acenaphthene	154	C12H10	000083-32-9	52





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Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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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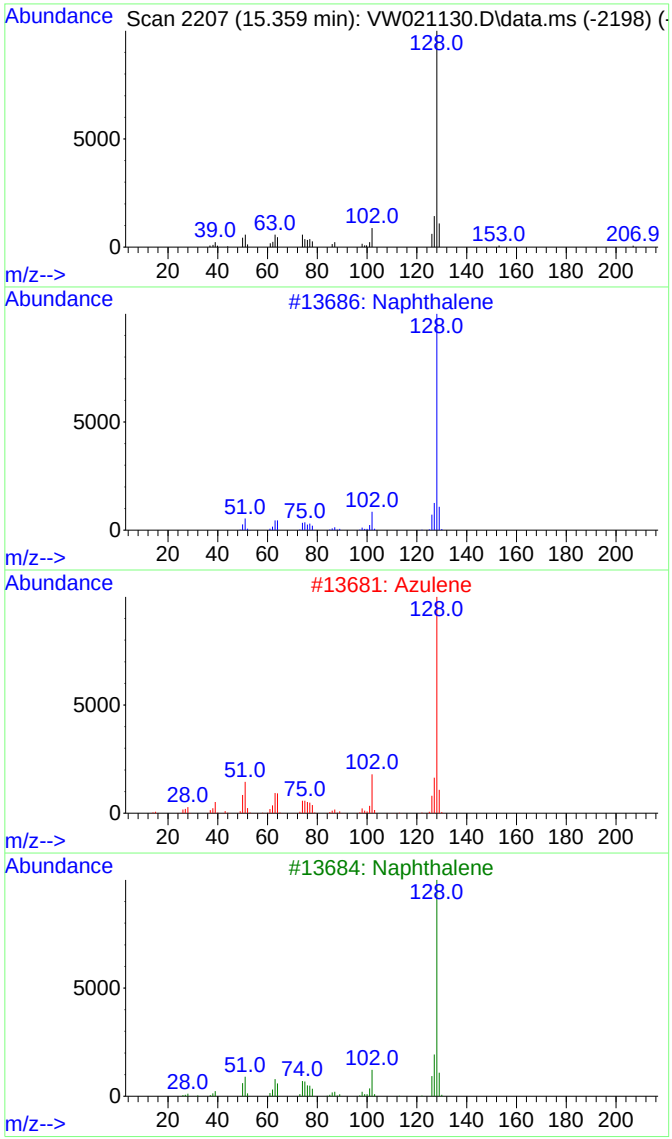
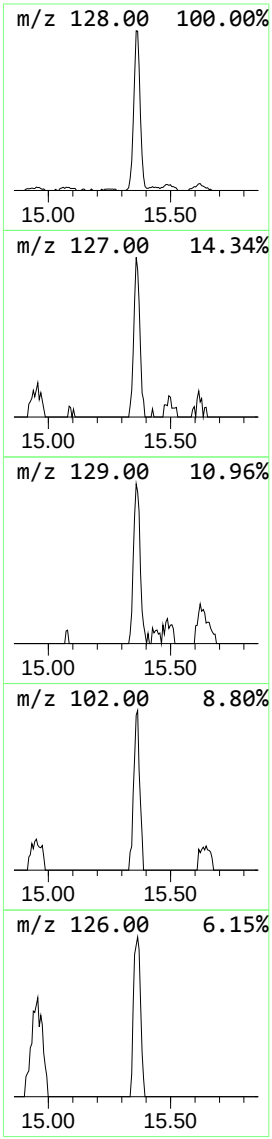
Peak Number 11 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	3.42 ug/L	30008	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

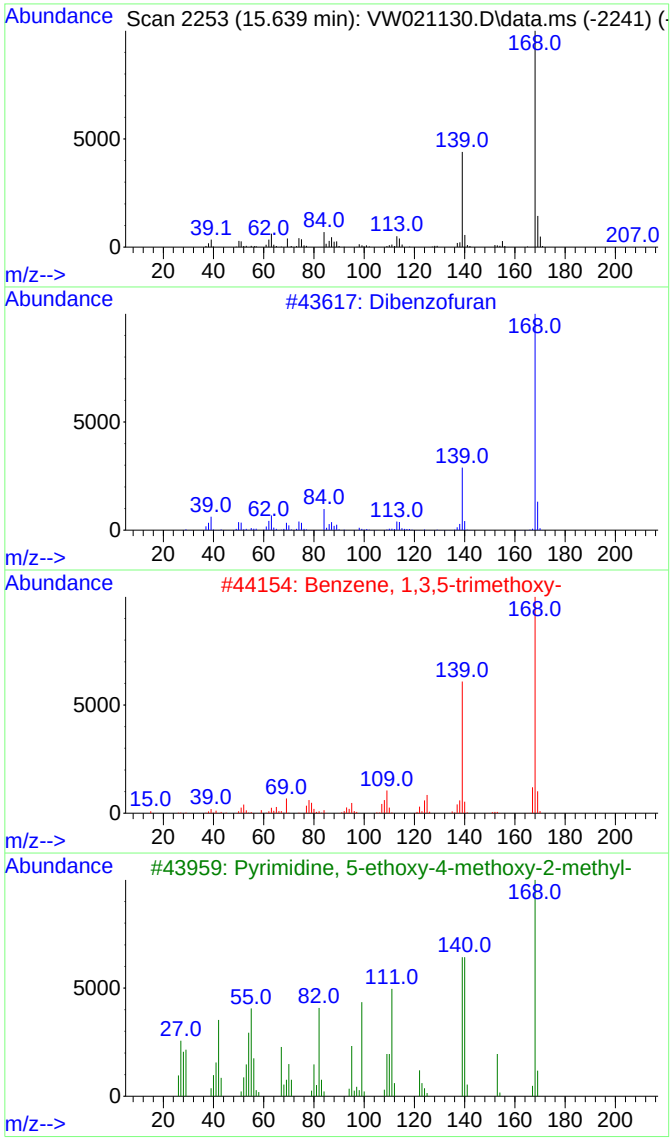
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

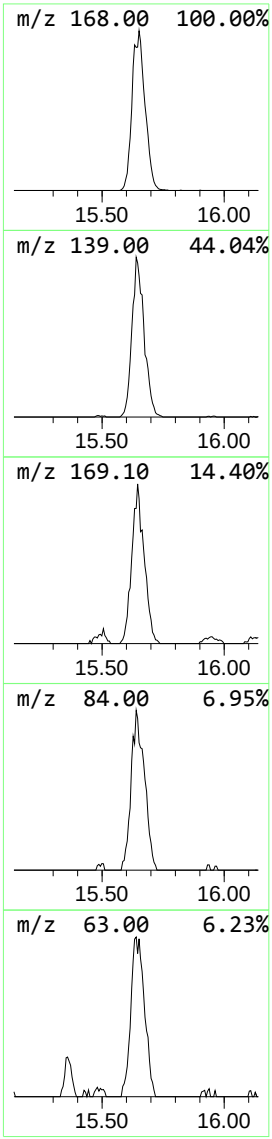
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3,5-trimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	34.88 ug/L	306304	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	64
3	Pyrimidine, 5-ethoxy-4-methoxy-2...	168	C8H12N2O2	024614-12-8	59
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	56
5	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

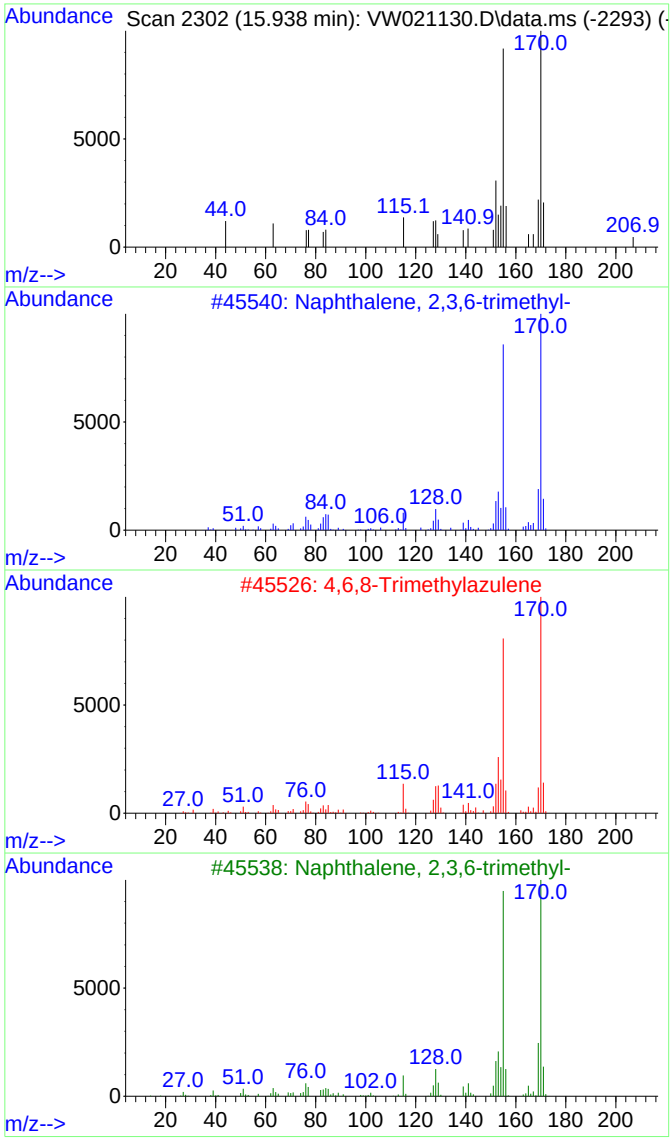
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

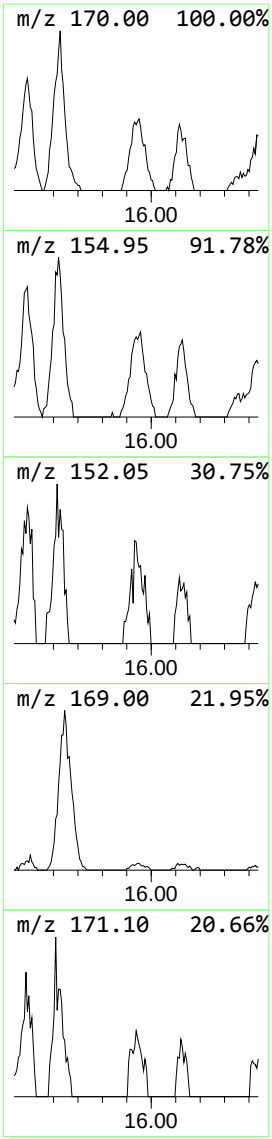
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	1.88 ug/L	16505	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

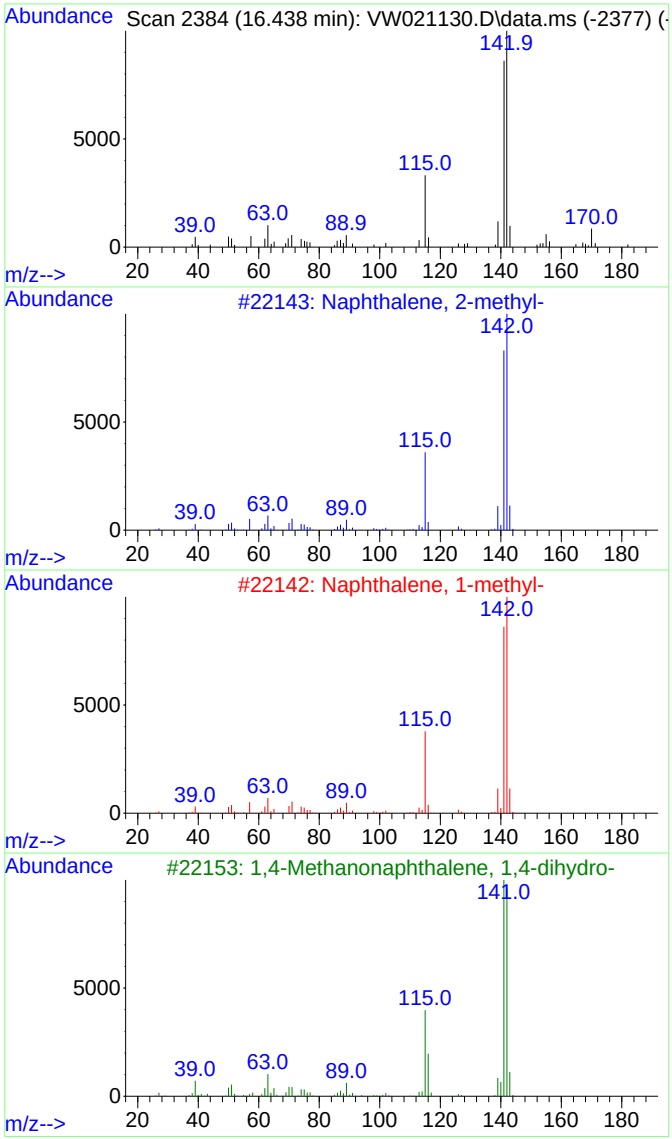
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

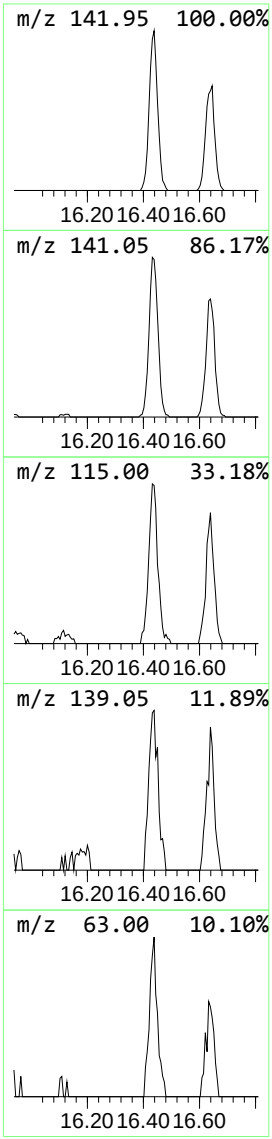
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	5.74 ug/L	50441	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

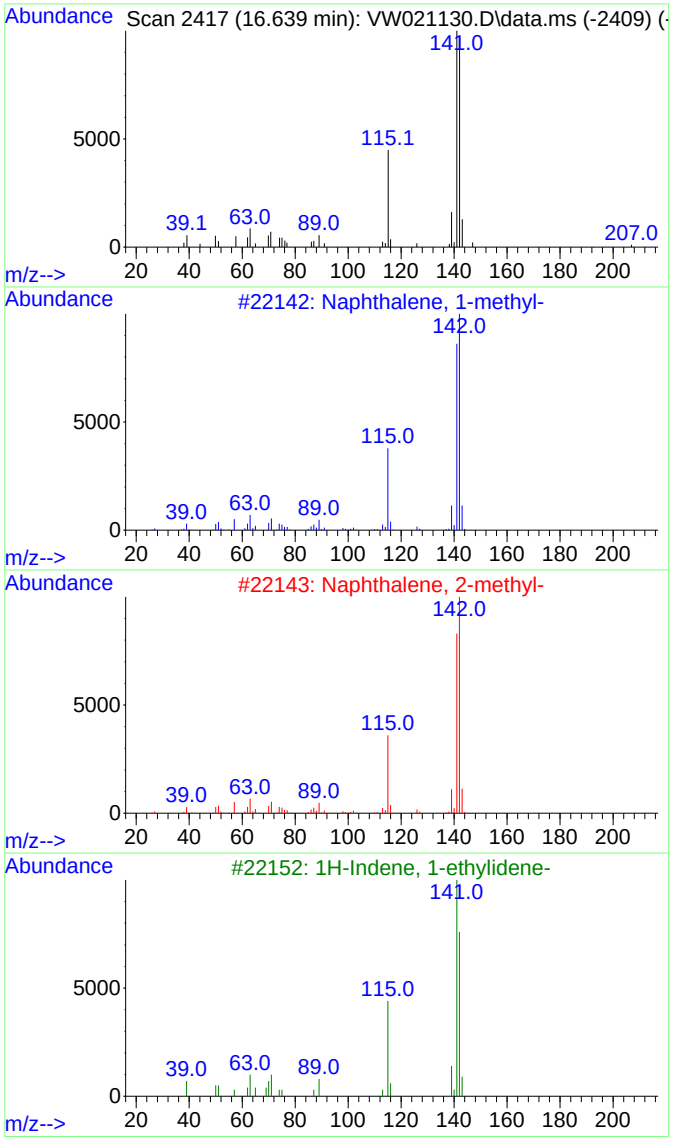
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

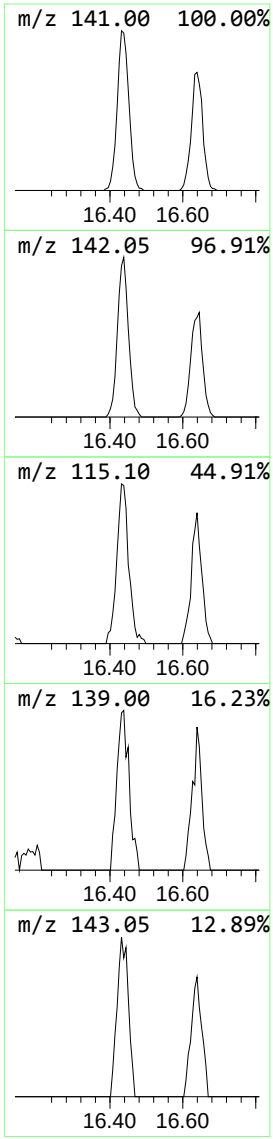
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	3.28 ug/L	28781	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021130.D
Acq On : 04 Dec 2021 20:04
Operator : SY/VA
Sample : M4885-16
Misc : 5.54g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M3

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
Biphenyl	11.390	6.3	ug/L	57329	2	11.628	226650	25.0
Naphthalene, 2,...	12.884	30.0	ug/L	263386	3	13.554	219559	25.0
Naphthalene, 2,...	13.329	53.3	ug/L	468471	3	13.554	219559	25.0
4-(2-Fluorophen...	14.066	2.0	ug/L	17769	3	13.554	219559	25.0
Naphthalene, 1,...	14.310	6.1	ug/L	53706	3	13.554	219559	25.0
Biphenylene	14.536	9.1	ug/L	79862	3	13.554	219559	25.0
Naphthalene, 2-...	14.957	8.5	ug/L	74392	3	13.554	219559	25.0
Azulene	15.359	3.4	ug/L	30008	3	13.554	219559	25.0
Benzene, 1,3,5-...	15.639	34.9	ug/L	306304	3	13.554	219559	25.0
Naphthalene, 2,...	15.938	1.9	ug/L	16505	3	13.554	219559	25.0
Naphthalene, 2-...	16.438	5.7	ug/L	50441	3	13.554	219559	25.0
Naphthalene, 1-...	16.639	3.3	ug/L	28781	3	13.554	219559	25.0