LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
Sample : N1084-13
Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

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\SFAMWLM011122SMA.M
Title : SFAM01.0

Signal : TIC: VW021836.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	81	rVB	46489	78844	10.96%	1.192%
2	2.885	155	161	173	rVB	36499	74577	10.36%	1.127%
3	3.263	222	223	225	rBV	235	240	0.03%	0.004%
4	3.312	229	231	233	rVV2	261	194	0.03%	0.003%
5	3.696	293	294	300	rVB2	287	320	0.04%	0.005%
6	3.842	317	318	320	rBV2	336	173	0.02%	0.003%
7	3.867	320	322	324	rBV	152	184	0.03%	0.003%
8	4.019	336	347	359	rBV	70721	195207	27.13%	2.951%
9	4.147	364	368	371	rBV3	447	587	0.08%	0.009%
10	4.251	381	385	386	rBV2	1113	1108	0.15%	0.017%
11	4.391	398	408	415	rBV	1216	3073	0.43%	0.046%
12	4.452	415	418	421	rBV	189	334	0.05%	0.005%
13	4.604	440	443	444	rBV	251	192	0.03%	0.003%
14	4.690	455	457	458	rBV	230	174	0.02%	0.003%
15	4.738	461	465	466	rVV2	307	309	0.04%	0.005%
16	4.799	473	475	478	rBV2	248	333	0.05%	0.005%
17	4.921	487	495	506	rBV4	1358	4654	0.65%	0.070%
18	5.196	538	540	543	rVB	319	280	0.04%	0.004%
19	5.257	547	550	552	rBV2	302	354	0.05%	0.005%
20	5.378	568	570	573	rVB2	224	180	0.03%	0.003%
21	5.702	620	623	624	rBV	322	309	0.04%	0.005%
22	5.860	645	649	652	rBV2	180	340	0.05%	0.005%
23	5.988	668	670	673	rBV2	332	324	0.05%	0.005%
24	6.153	695	697	700	rBV	431	515	0.07%	0.008%
25	6.281	716	718	720	rVV	191	172	0.02%	0.003%
26	6.317	723	724	727	rVB	282	241	0.03%	0.004%
27	6.354	727	730	732	rBV2	263	297	0.04%	0.004%
28	6.555	762	763	766	rVB	288	174	0.02%	0.003%
29	6.689	784	785	789	rVB2	203	188	0.03%	0.003%
30	7.000	834	836	839	rVB	240	238	0.03%	0.004%
31	7.086	843	850	863	rBV	10972	34260	4.76%	0.518%
32	7.262	871	879	891	rVB2	6877	18352	2.55%	0.277%
33	7.378	897	898	900	rBV2	223	192	0.03%	0.003%
34	7.403	900	902	904	rVV2	310	260	0.04%	0.004%
35	7.500	916	918	921	rVB2	264	186	0.03%	0.003%
36	7.549	924	926	928	rVV2	177	198	0.03%	0.003%

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Sample : N1084-13
Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

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\SFAMWLM011122SMA.M
Title : SFAM01.0

37	7.652	932	943	958	rVV	101421	249679	34.70%	3.774%
38	7.829	970	972	974	rBV2	277	224	0.03%	0.003%
39	7.933	986	989	990	rBV2	375	275	0.04%	0.004%
40	8.158	1022	1026	1030	rBV4	751	1348	0.19%	0.020%
41	8.280	1035	1046	1062	rBV2	197106	605189	84.10%	9.149%
42	8.701	1109	1115	1121	rVB4	1598	3462	0.48%	0.052%
43	8.847	1130	1139	1148	rBV	196359	405980	56.42%	6.137%
44	9.018	1165	1167	1169	rBV	220	188	0.03%	0.003%
45	9.085	1173	1178	1187	rVB5	1271	2701	0.38%	0.041%
46	9.219	1196	1200	1201	rBV	196	176	0.02%	0.003%
47	9.274	1201	1209	1218	rBV	127470	258667	35.95%	3.910%
48	9.427	1233	1234	1237	rBV2	268	206	0.03%	0.003%
49	9.658	1271	1272	1273	rBV2	254	186	0.03%	0.003%
50	9.756	1284	1288	1291	rVV	355	402	0.06%	0.006%
51	9.890	1308	1310	1315	rVB2	343	389	0.05%	0.006%
52	9.957	1317	1321	1323	rBV2	384	577	0.08%	0.009%
53	10.036	1326	1334	1342	rBV	71419	125506	17.44%	1.897%
54	10.219	1357	1364	1366	rBV4	342	735	0.10%	0.011%
55	10.323	1372	1381	1387	rBV	309304	551700	76.67%	8.340%
56	10.390	1387	1392	1399	rVB	35539	66109	9.19%	0.999%
57	10.506	1408	1411	1416	rVB4	1060	1427	0.20%	0.022%
58	10.579	1416	1423	1430	rBV	45137	76460	10.63%	1.156%
59	10.701	1439	1443	1449	rVB3	3039	5603	0.78%	0.085%
60	10.798	1458	1459	1463	rVB2	313	320	0.04%	0.005%
61	10.865	1465	1470	1473	rBV2	1535	2711	0.38%	0.041%
62	10.926	1473	1480	1489	rBV	50794	85624	11.90%	1.294%
63	11.188	1516	1523	1525	rBV6	449	992	0.14%	0.015%
64	11.225	1526	1529	1535	rVB5	1187	1833	0.25%	0.028%
65	11.280	1535	1538	1541	rBV	231	270	0.04%	0.004%
66	11.335	1544	1547	1551	rBV2	698	1099	0.15%	0.017%
67	11.377	1551	1554	1555	rBV	256	258	0.04%	0.004%
68	11.408	1555	1559	1565	rBV4	1685	3278	0.46%	0.050%
69	11.512	1570	1576	1582	rBV2	1768	2780	0.39%	0.042%
70	11.627	1588	1595	1605	rBV	305149	525443	73.02%	7.943%
71	11.731	1605	1612	1621	rVB	58268	94951	13.19%	1.435%
72	11.835	1621	1629	1640	rBV	199697	363747	50.55%	5.499%
73	11.969	1649	1651	1654	rVB	262	180	0.03%	0.003%
74	12.005	1654	1657	1658	rBV	323	324	0.05%	0.005%
75	12.024	1658	1660	1662	rBV3	644	588	0.08%	0.009%
76	12.164	1672	1683	1691	rBV	58815	108408	15.06%	1.639%

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MSVOA_W
ClientSampleId :
BGLN7

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_W\Method\SFAMWLM011122SMA.M
Title : SFAM01.0

77	12.249	1694	1697	1701	rVB	5018	6675	0.93%	0.101%
78	12.304	1702	1706	1707	rBV4	1877	2404	0.33%	0.036%
79	12.694	1764	1770	1776	rVB	101984	169662	23.58%	2.565%
80	12.865	1792	1798	1801	rBV	34363	57368	7.97%	0.867%
81	12.932	1805	1809	1816	rVB3	60960	116351	16.17%	1.759%
82	13.164	1844	1847	1855	rVB6	8977	17758	2.47%	0.268%
83	13.249	1855	1861	1866	rBV	92692	142465	19.80%	2.154%
84	13.554	1905	1911	1931	rVB	408138	719605	100.00%	10.878%
85	13.755	1939	1944	1948	rBV2	46509	88145	12.25%	1.332%
86	13.853	1954	1960	1968	rVB	306175	562043	78.10%	8.496%
87	13.938	1969	1974	1981	rVB2	33995	57905	8.05%	0.875%
88	14.200	2012	2017	2022	rVB3	17120	28882	4.01%	0.437%
89	14.450	2056	2058	2062	rVB	16848	18830	2.62%	0.285%
90	14.682	2092	2096	2100	rBV3	7247	14171	1.97%	0.214%
91	14.791	2108	2114	2121	rBV4	18376	45104	6.27%	0.682%
92	14.956	2136	2141	2146	rBV2	6198	10157	1.41%	0.154%
93	15.358	2201	2207	2214	rBV	78269	136988	19.04%	2.071%
94	15.645	2250	2254	2260	rBV4	2670	4408	0.61%	0.067%
95	15.944	2299	2303	2309	rVB5	1640	3129	0.43%	0.047%
96	16.242	2350	2352	2354	rBV3	652	708	0.10%	0.011%
97	16.328	2361	2366	2367	rBV4	575	747	0.10%	0.011%
98	16.431	2375	2383	2396	rVB	162895	342543	47.60%	5.178%
99	16.639	2409	2417	2426	rVB	45201	101062	14.04%	1.528%
100	16.767	2436	2438	2441	rBV2	364	407	0.06%	0.006%

Sum of corrected areas: 6615075

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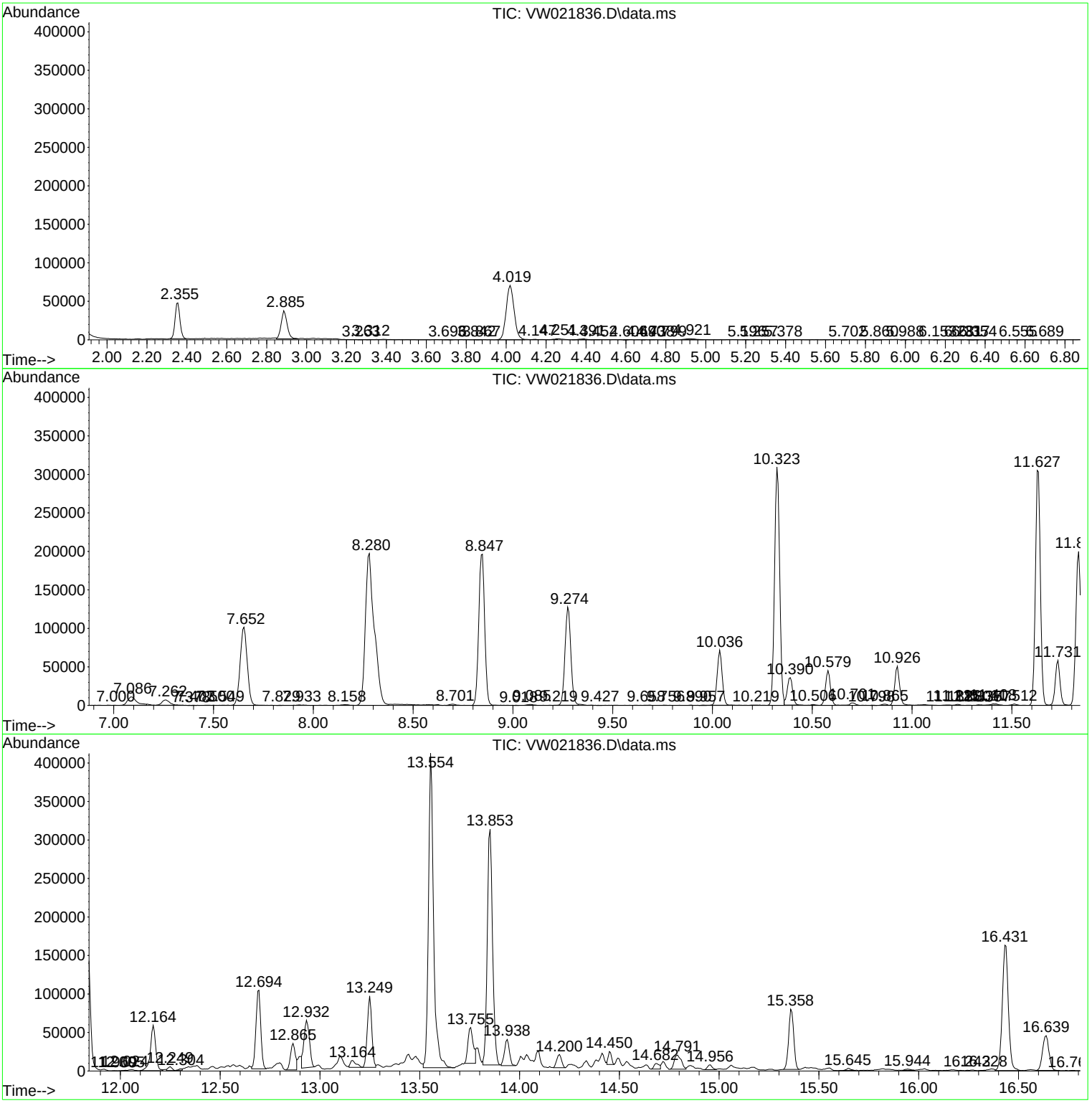
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

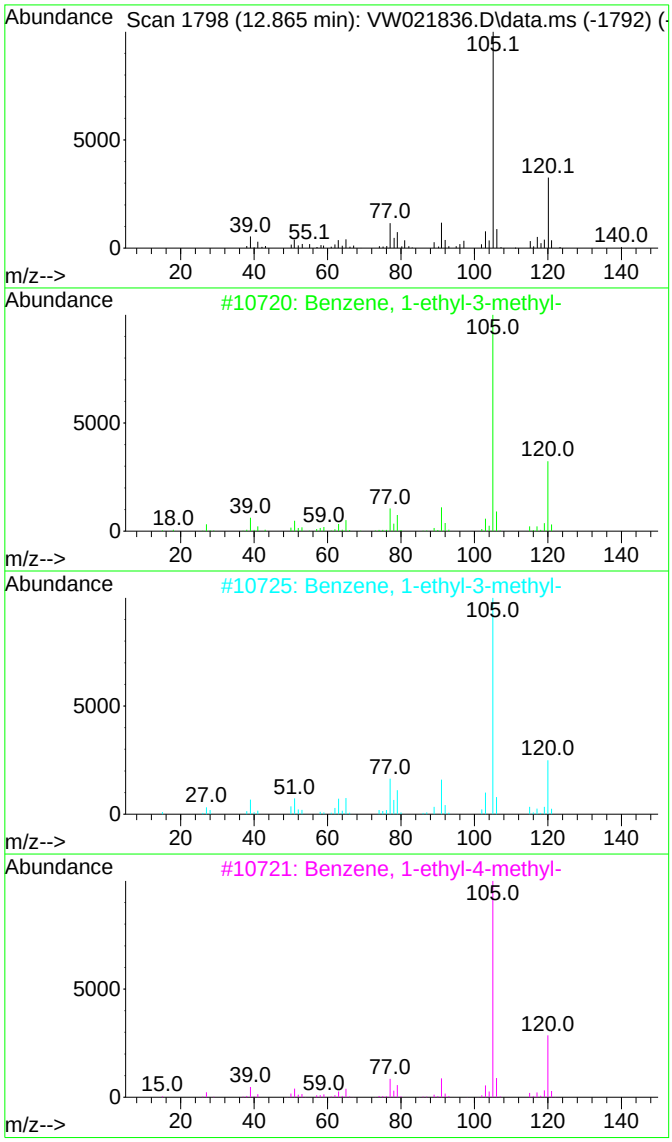
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

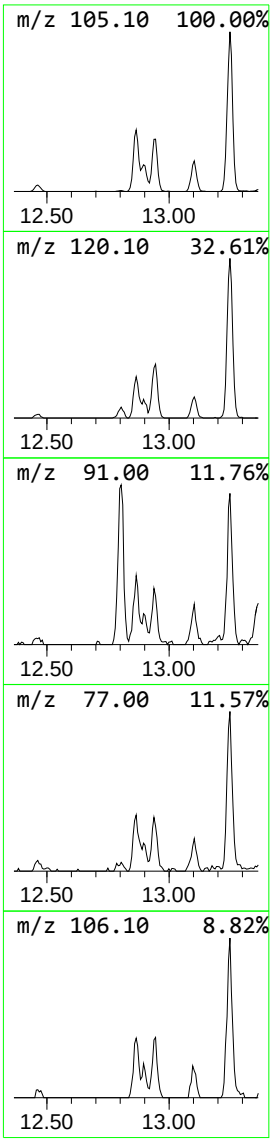
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.99 ug/L	57368	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
Sample : N1084-13
Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

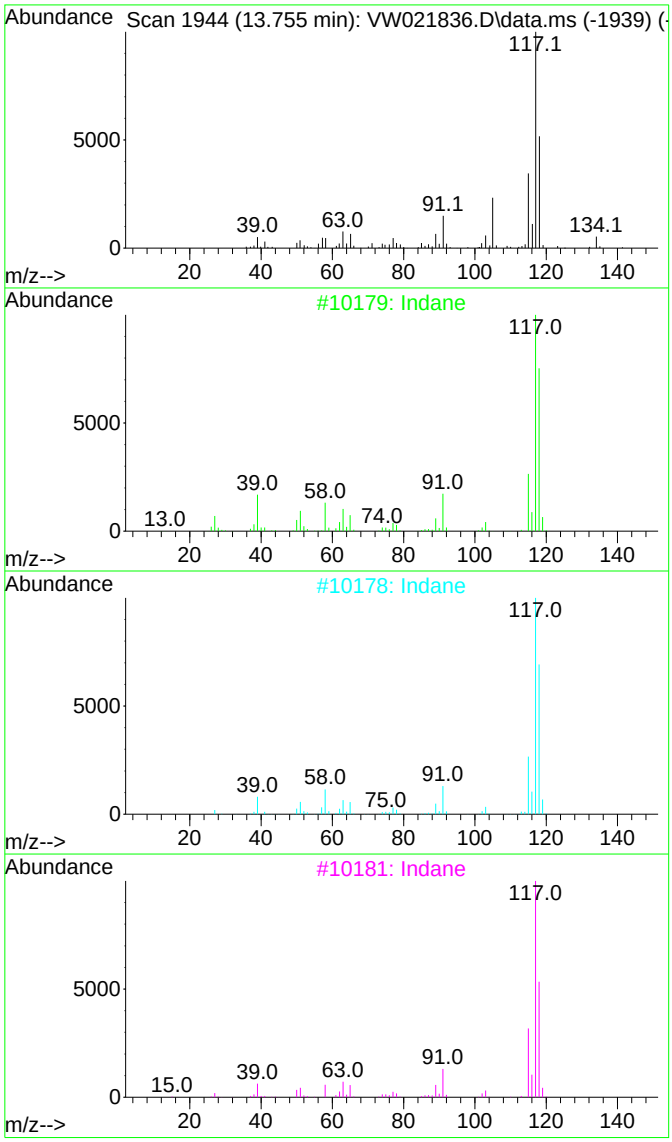
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

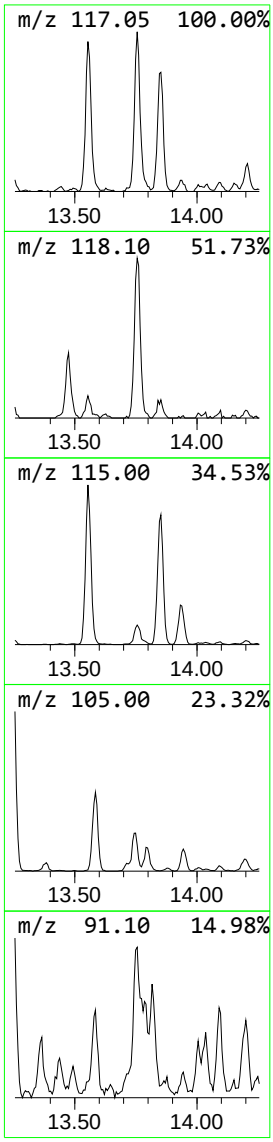
****

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	3.06 ug/L	88145	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Deltacyclene	118	C9H10	007785-10-6	64





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Instrument :
MSVOA_W
ClientSampleId :
BGLN7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

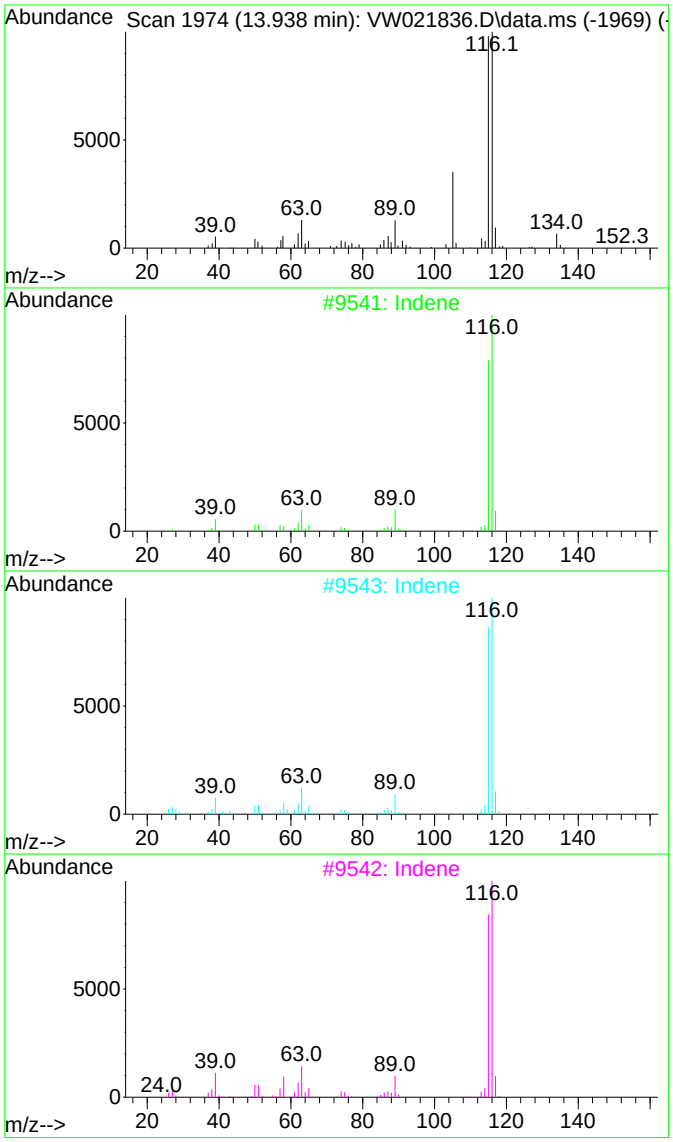
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

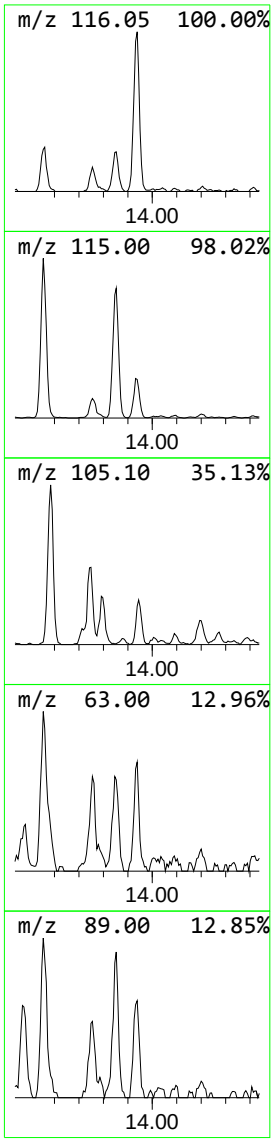
****

Peak Number 4 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	2.01 ug/L	57905	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Indene	116	C9H8	000095-13-6	87
3	Indene	116	C9H8	000095-13-6	83
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
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Operator : SY/VA
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Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

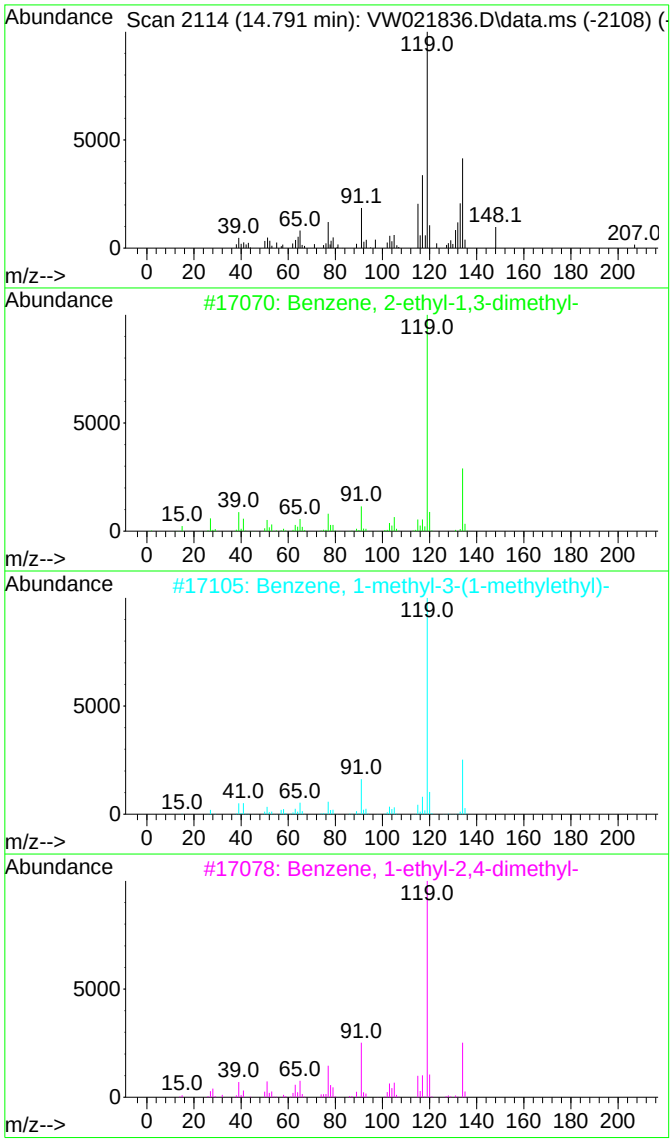
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

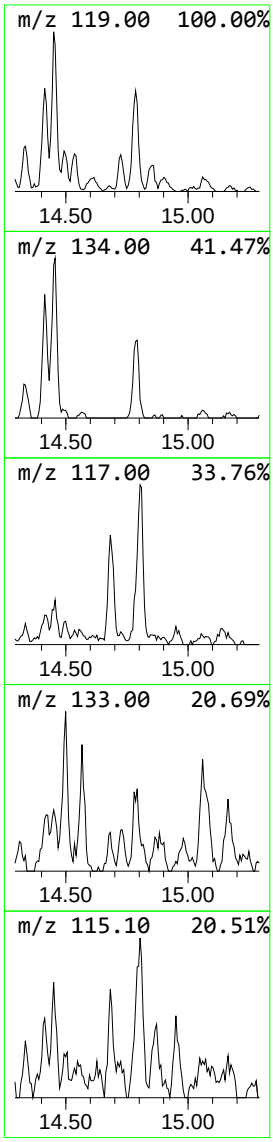
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.791	1.57 ug/L	45104	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
Sample : N1084-13
Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

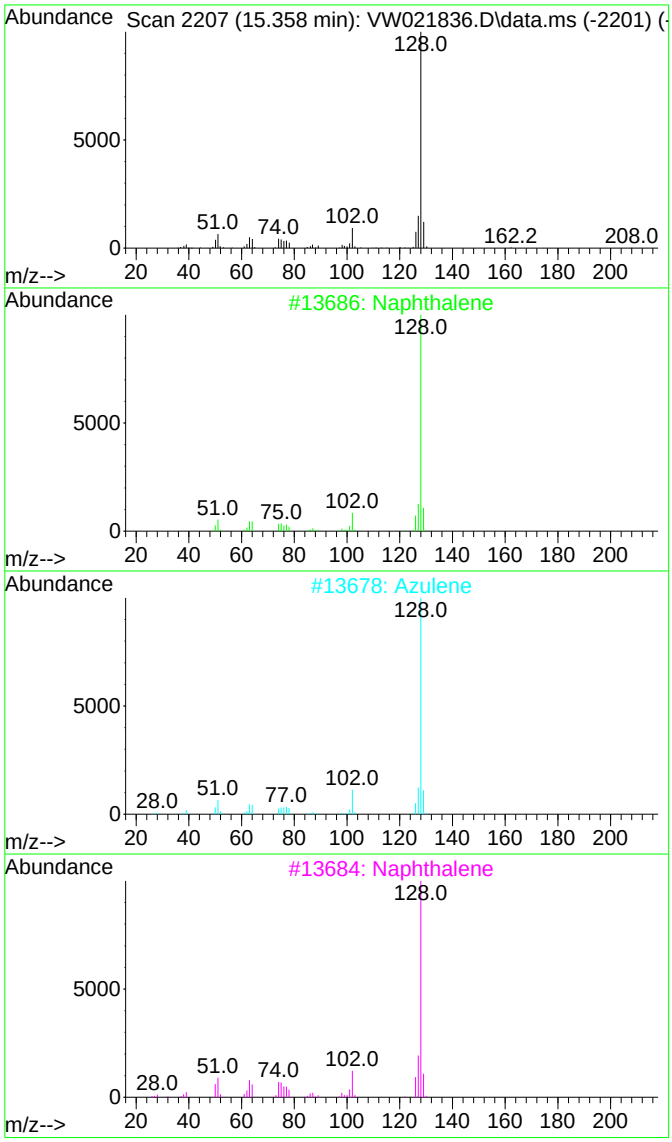
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

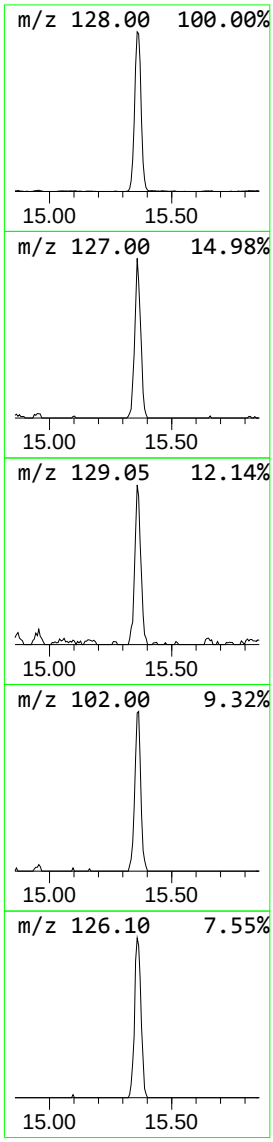
****

Peak Number 6 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	4.76 ug/L	136988	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	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
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Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

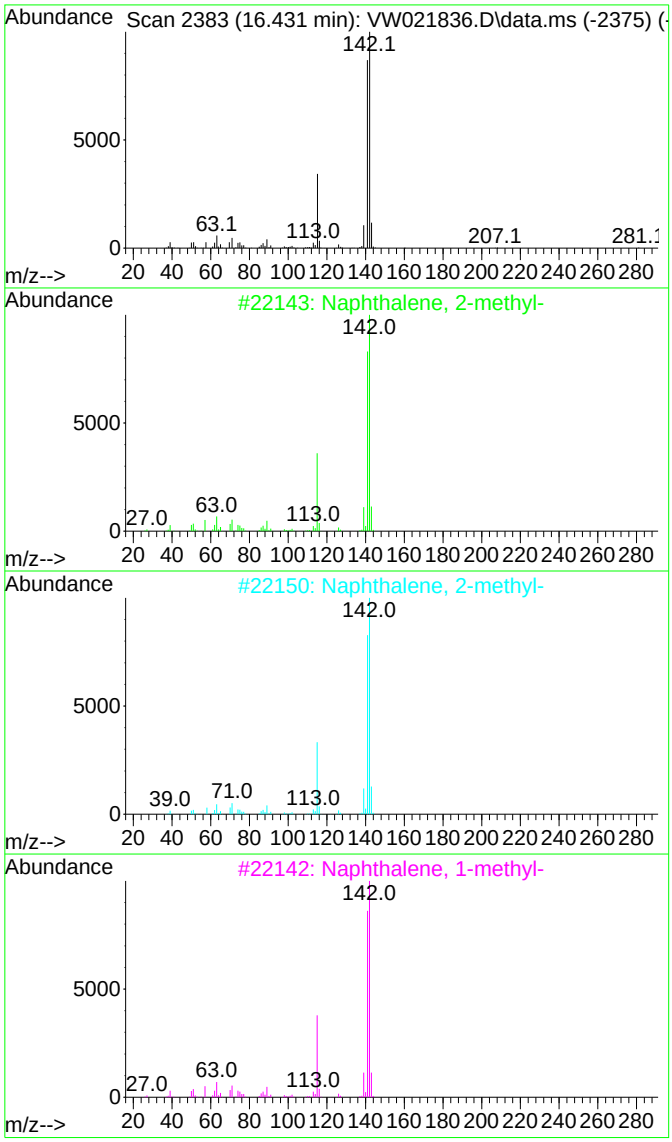
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

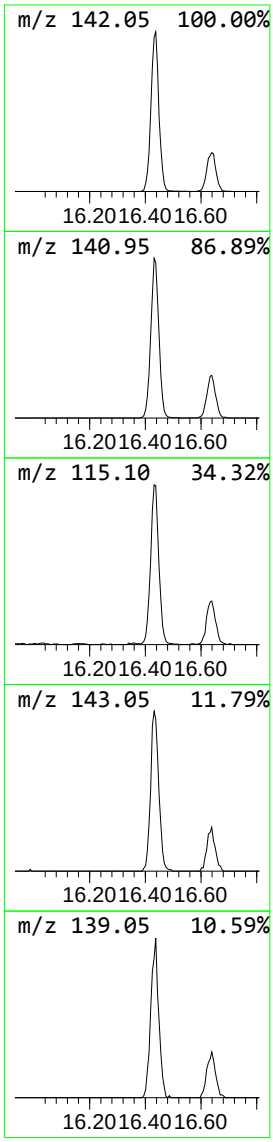
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.431	11.90 ug/L	342543	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
Sample : N1084-13
Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

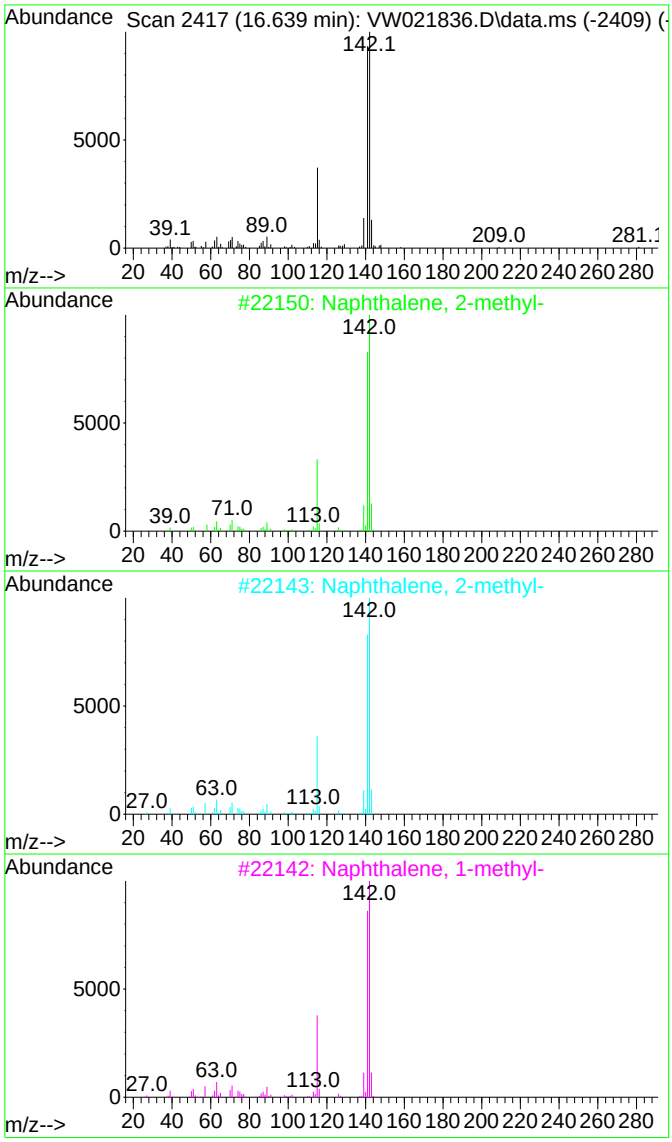
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

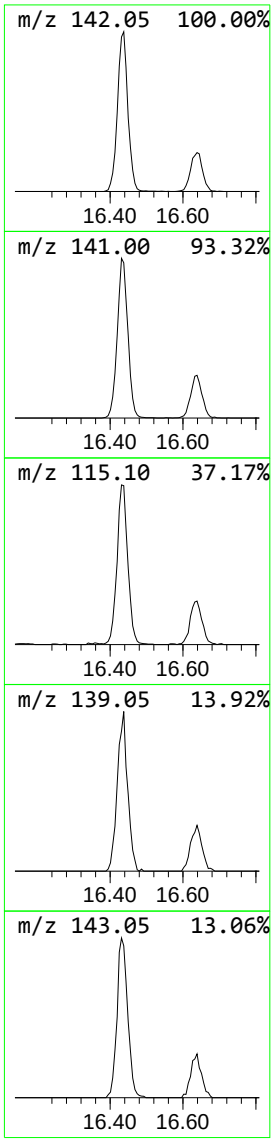
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	3.51 ug/L	101062	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, 2-methyl-	142	C11H10	000091-57-6	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
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\VW011122\
Data File : VW021836.D
Acq On : 11 Jan 2022 16:57
Operator : SY/VA
Sample : N1084-13
Misc : 7.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.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
Benzene, 1-ethy...	12.865	2.0	ug/L	57368	3	13.554	719605	25.0
Indane	13.755	3.1	ug/L	88145	3	13.554	719605	25.0
Indene	13.938	2.0	ug/L	57905	3	13.554	719605	25.0
Benzene, 2-ethy...	14.791	1.6	ug/L	45104	3	13.554	719605	25.0
Azulene	15.358	4.8	ug/L	136988	3	13.554	719605	25.0
Naphthalene, 2-...	16.431	11.9	ug/L	342543	3	13.554	719605	25.0
Naphthalene, 1-...	16.639	3.5	ug/L	101062	3	13.554	719605	25.0