LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK443

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\SFAMWLM092121SMA.M
Title : SFAM01.0

Signal : TIC: VW020249.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.093	30	31	35	rVB2	626	481	0.05%	0.005%
2	2.123	35	36	38	rBV2	502	381	0.04%	0.004%
3	2.160	40	42	45	rBV2	546	466	0.05%	0.005%
4	2.233	48	54	57	rBV5	2181	4710	0.47%	0.048%
5	2.276	59	61	63	rVV3	1365	1523	0.15%	0.016%
6	2.361	65	75	85	rVV	97196	183750	18.42%	1.876%
7	2.623	113	118	125	rBV	5009	14957	1.50%	0.153%
8	2.904	156	164	178	rVB	63726	158347	15.87%	1.616%
9	3.282	225	226	230	rVB4	358	366	0.04%	0.004%
10	3.342	233	236	238	rVB3	255	287	0.03%	0.003%
11	3.397	243	245	247	rVV3	286	327	0.03%	0.003%
12	3.416	247	248	251	rVB	450	281	0.03%	0.003%
13	3.471	254	257	260	rBB2	215	238	0.02%	0.002%
14	3.550	264	270	271	rVV4	182	287	0.03%	0.003%
15	3.690	292	293	296	rVB	265	224	0.02%	0.002%
16	3.720	297	298	301	rBV2	194	204	0.02%	0.002%
17	3.867	320	322	324	rBV	203	198	0.02%	0.002%
18	4.025	337	348	364	rBV	131409	385831	38.68%	3.938%
19	4.403	407	410	413	rVB4	273	346	0.03%	0.004%
20	4.574	436	438	441	rVB2	215	197	0.02%	0.002%
21	4.696	456	458	461	rBV2	217	198	0.02%	0.002%
22	4.928	483	496	513	rBV2	20107	66952	6.71%	0.683%
23	5.129	527	529	534	rVB2	189	286	0.03%	0.003%
24	5.952	655	664	674	rBV4	5913	17348	1.74%	0.177%
25	7.080	840	849	869	rBV2	24152	75888	7.61%	0.775%
26	7.299	883	885	890	rVB2	193	292	0.03%	0.003%
27	7.342	890	892	894	rVB2	355	269	0.03%	0.003%
28	7.378	894	898	899	rBV	183	251	0.03%	0.003%
29	7.397	899	901	905	rBV2	204	229	0.02%	0.002%
30	7.476	912	914	918	rVB	232	196	0.02%	0.002%
31	7.537	923	924	927	rVB2	298	229	0.02%	0.002%
32	7.573	927	930	931	rBV	438	443	0.04%	0.005%
33	7.653	931	943	956	rBV	173868	430680	43.17%	4.396%
34	7.750	956	959	960	rBV3	321	260	0.03%	0.003%
35	7.769	960	962	965	rVB3	405	407	0.04%	0.004%
36	7.793	965	966	969	rBV2	295	247	0.02%	0.003%

LSC Area Percent Report

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Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK443

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\SFAMWLM092121SMA.M
Title : SFAM01.0

37	7.829	969	972	975	rVB2	392	522	0.05%	0.005%
38	7.866	975	978	980	rBV2	581	617	0.06%	0.006%
39	7.890	980	982	985	rBV2	519	641	0.06%	0.007%
40	7.939	989	990	991	rBV	435	304	0.03%	0.003%
41	8.000	998	1000	1005	rVB5	384	487	0.05%	0.005%
42	8.037	1005	1006	1007	rBV5	412	210	0.02%	0.002%
43	8.061	1007	1010	1011	rBV3	632	491	0.05%	0.005%
44	8.079	1011	1013	1014	rVB3	282	203	0.02%	0.002%
45	8.092	1014	1015	1017	rVB2	314	220	0.02%	0.002%
46	8.134	1020	1022	1026	rBV4	388	628	0.06%	0.006%
47	8.165	1026	1027	1029	rVB2	440	199	0.02%	0.002%
48	8.183	1029	1030	1034	rBV3	527	657	0.07%	0.007%
49	8.281	1036	1046	1061	rBV2	339417	997568	100.00%	10.182%
50	8.396	1063	1065	1066	rVB2	504	310	0.03%	0.003%
51	8.488	1075	1080	1082	rBV5	729	1106	0.11%	0.011%
52	8.512	1082	1084	1088	rBV4	720	1140	0.11%	0.012%
53	8.598	1097	1098	1100	rBV2	598	386	0.04%	0.004%
54	8.653	1104	1107	1111	rBV6	1032	1169	0.12%	0.012%
55	8.689	1111	1113	1116	rBV3	822	1036	0.10%	0.011%
56	8.738	1119	1121	1122	rBV2	398	235	0.02%	0.002%
57	8.750	1122	1123	1125	rBV2	470	483	0.05%	0.005%
58	8.848	1131	1139	1148	rBV	308613	620779	62.23%	6.336%
59	8.982	1159	1161	1163	rBV3	1592	1193	0.12%	0.012%
60	9.280	1201	1210	1219	rBV	221948	458800	45.99%	4.683%
61	9.591	1259	1261	1262	rBV2	1340	938	0.09%	0.010%
62	9.713	1279	1281	1282	rBV2	1201	763	0.08%	0.008%
63	10.036	1328	1334	1344	rBV	126321	234500	23.51%	2.394%
64	10.329	1374	1382	1388	rBV	508837	908561	91.08%	9.274%
65	10.579	1417	1423	1430	rBV	82875	141420	14.18%	1.443%
66	10.927	1474	1480	1488	rBV	108536	196191	19.67%	2.003%
67	11.634	1589	1596	1604	rBV	442894	758471	76.03%	7.742%
68	12.694	1764	1770	1777	rVB	183123	343425	34.43%	3.505%
69	12.896	1790	1803	1805	rBV4	96704	328159	32.90%	3.350%
70	13.329	1861	1874	1888	rBV2	136285	608377	60.99%	6.210%
71	13.457	1891	1895	1906	rVB4	46466	141284	14.16%	1.442%
72	13.560	1906	1912	1918	rBV	462702	749020	75.08%	7.645%
73	13.761	1941	1945	1954	rVB6	18582	40361	4.05%	0.412%
74	13.853	1954	1960	1971	rVV	478541	801736	80.37%	8.183%
75	13.963	1972	1978	1989	rVV4	32884	105899	10.62%	1.081%
76	14.066	1991	1995	2009	rVB3	51776	126501	12.68%	1.291%

LSC Area Percent Report

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Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK443

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\SFAMWLM092121SMA.M
Title : SFAM01.0

77	14.206	2013	2018	2022	rVB	15030	24790	2.49%	0.253%
78	14.316	2026	2036	2044	rBV7	16439	63750	6.39%	0.651%
79	14.383	2044	2047	2050	rVB4	5074	6940	0.70%	0.071%
80	14.456	2057	2059	2062	rVB2	6831	6419	0.64%	0.066%
81	14.499	2062	2066	2069	rVV4	8092	11542	1.16%	0.118%
82	14.542	2070	2073	2080	rVB8	7994	16501	1.65%	0.168%
83	14.688	2092	2097	2101	rBV5	11089	21038	2.11%	0.215%
84	14.804	2109	2116	2121	rBV4	27978	69004	6.92%	0.704%
85	15.066	2152	2159	2163	rBV4	23697	52162	5.23%	0.532%
86	15.176	2171	2177	2184	rVB2	24904	56040	5.62%	0.572%
87	15.243	2185	2188	2196	rVB10	10309	22843	2.29%	0.233%
88	15.322	2196	2201	2205	rBV4	18368	31492	3.16%	0.321%
89	15.487	2219	2228	2237	rBV3	27537	84458	8.47%	0.862%
90	15.657	2249	2256	2263	rVB5	15648	35894	3.60%	0.366%
91	15.724	2263	2267	2273	rVB5	10447	18564	1.86%	0.189%
92	15.816	2278	2282	2291	rVB3	10350	24058	2.41%	0.246%
93	15.950	2300	2304	2308	rBV6	8112	13428	1.35%	0.137%
94	15.999	2309	2312	2313	rBV3	8156	8896	0.89%	0.091%
95	16.212	2344	2347	2353	rVB5	13510	23206	2.33%	0.237%
96	16.279	2353	2358	2365	rVB3	24014	44374	4.45%	0.453%
97	16.371	2365	2373	2379	rBV9	12898	37518	3.76%	0.383%
98	16.432	2379	2383	2386	rBV4	4637	6941	0.70%	0.071%
99	16.535	2397	2400	2404	rBV5	5488	8031	0.81%	0.082%
100	16.639	2409	2417	2427	rVB2	66295	186765	18.72%	1.906%

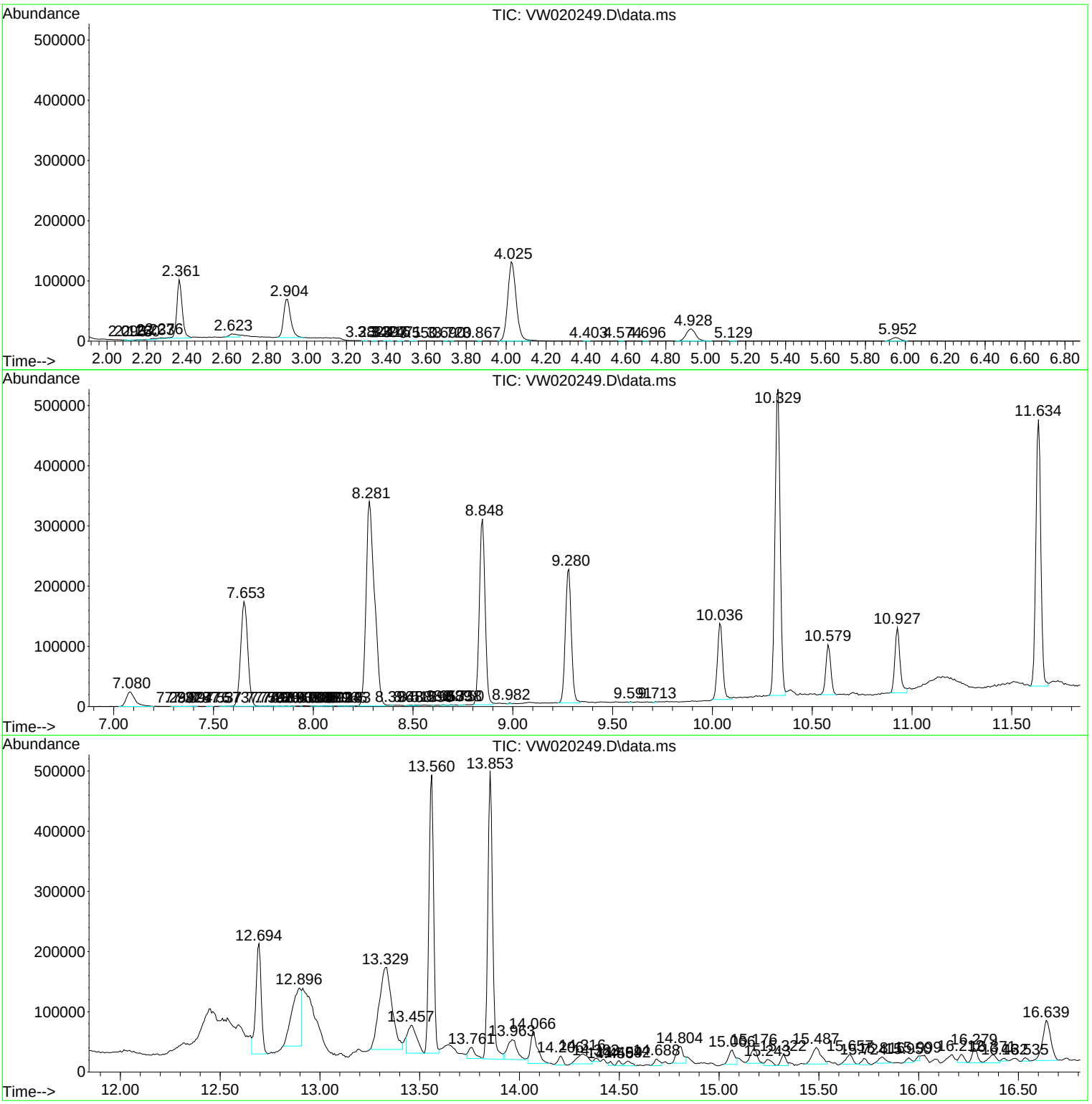
Sum of corrected areas: 9797220

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

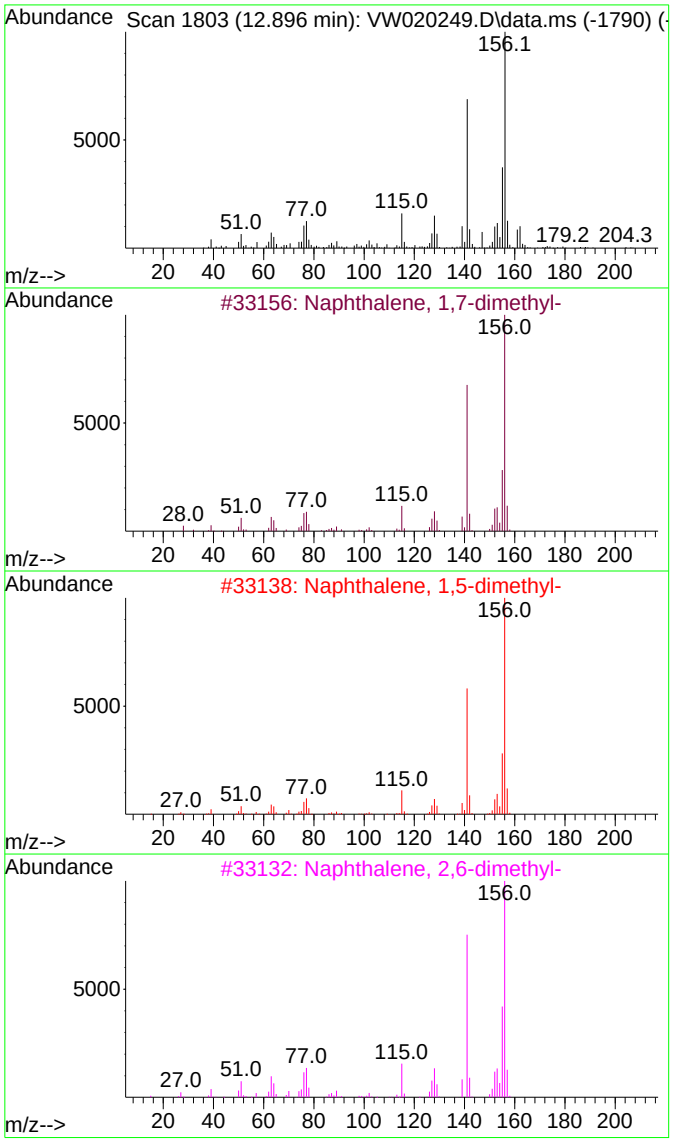
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

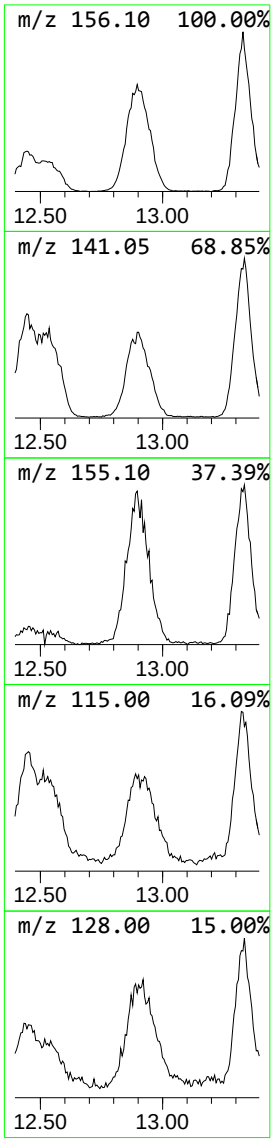
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.896	10.95 ug/L	328159	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK443

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

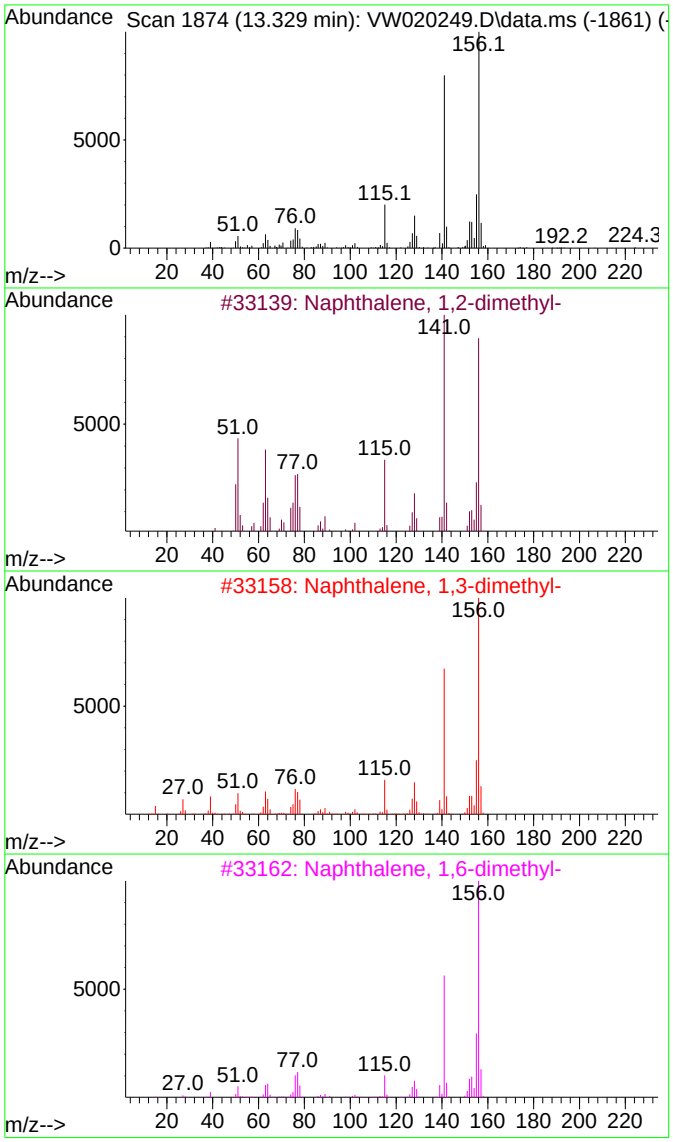
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

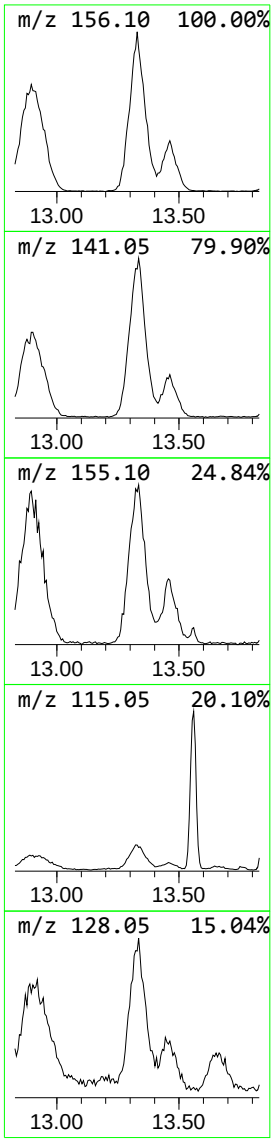
****

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	20.31 ug/L	608377	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	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
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Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

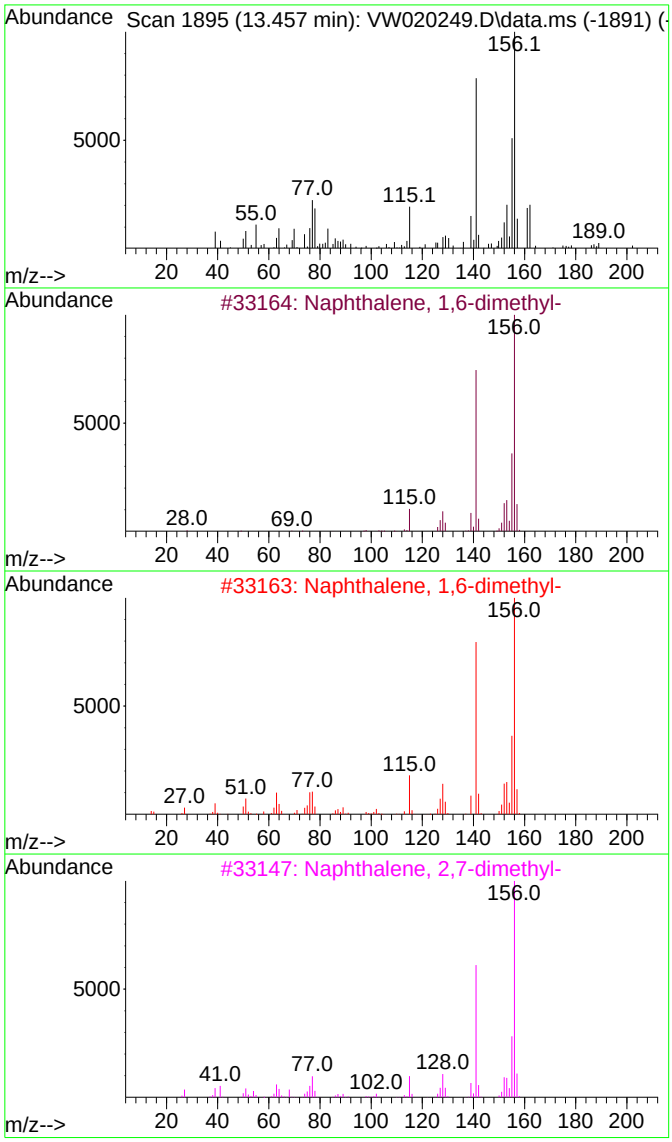
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

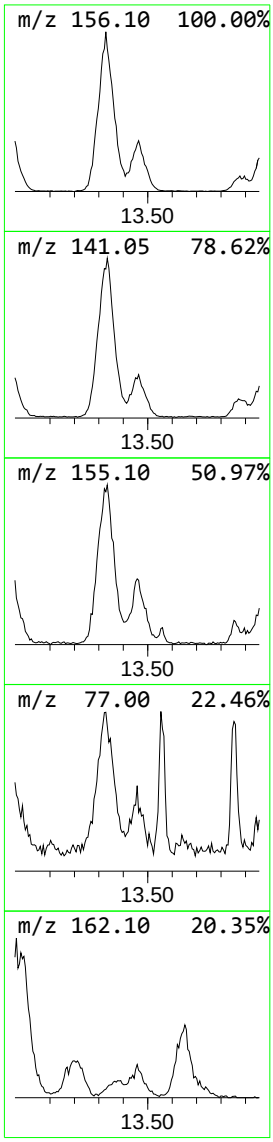
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	4.72 ug/L	141284	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	90
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	74
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
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Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK443

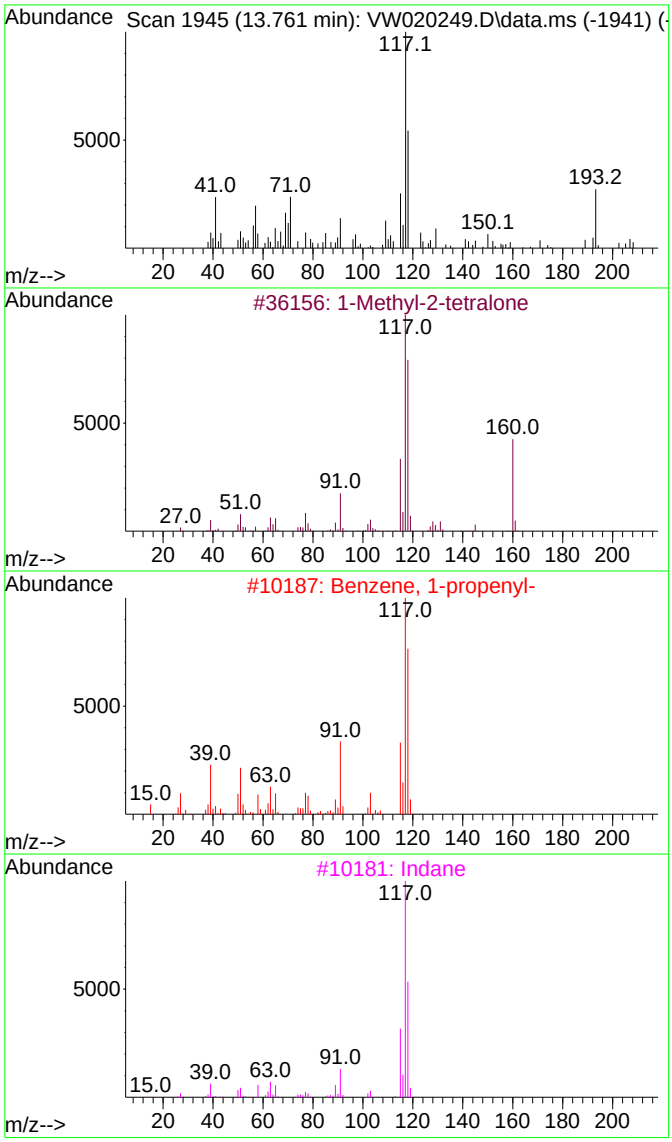
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

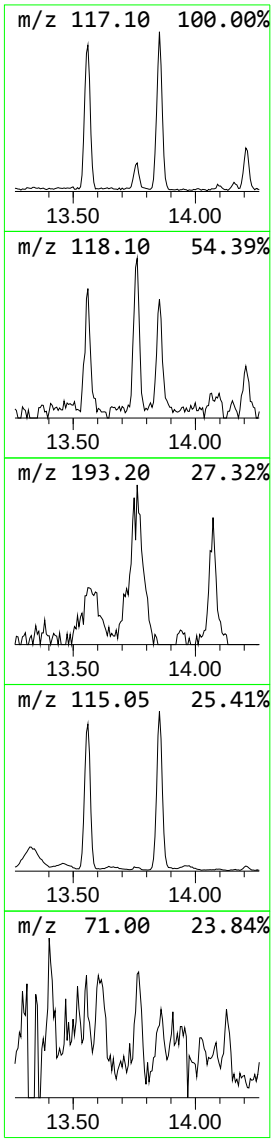
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Methyl-2-tetralone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	1.35 ug/L	40361	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-tetralone	160	C11H12O	004024-14-0	53
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	47
3	Indane	118	C9H10	000496-11-7	47
4	Indane	118	C9H10	000496-11-7	47
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

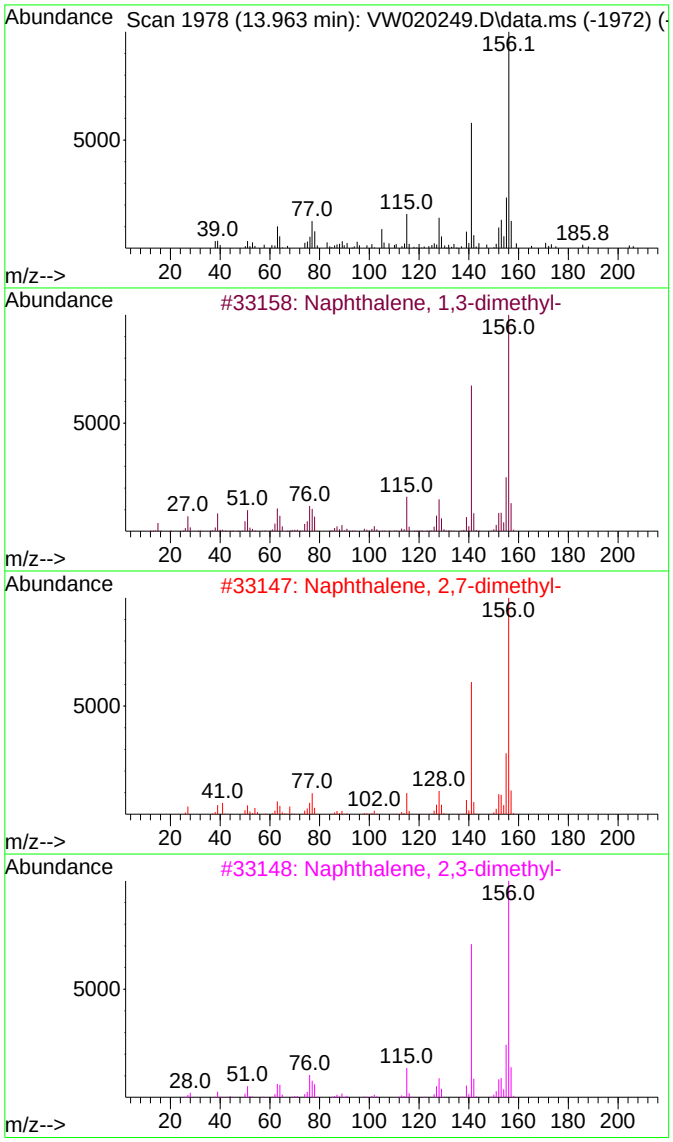
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

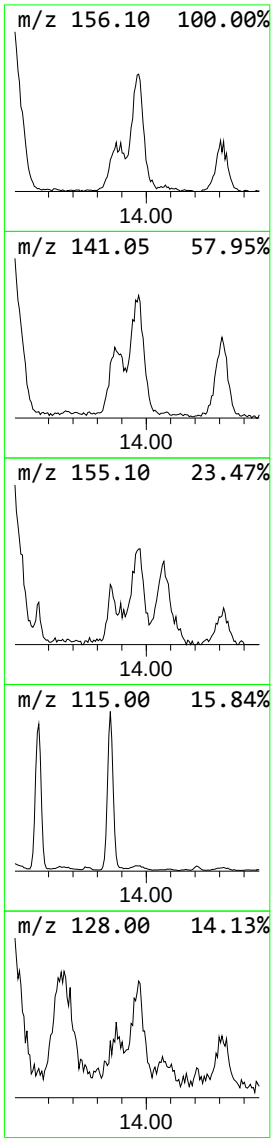
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	3.53 ug/L	105899	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	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

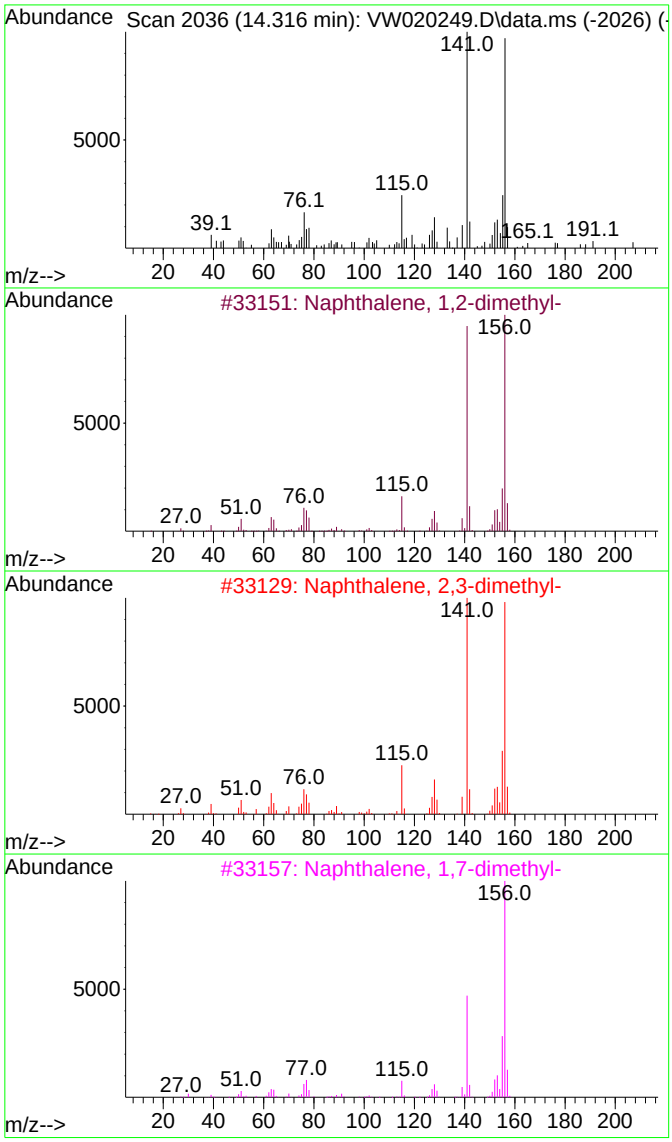
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

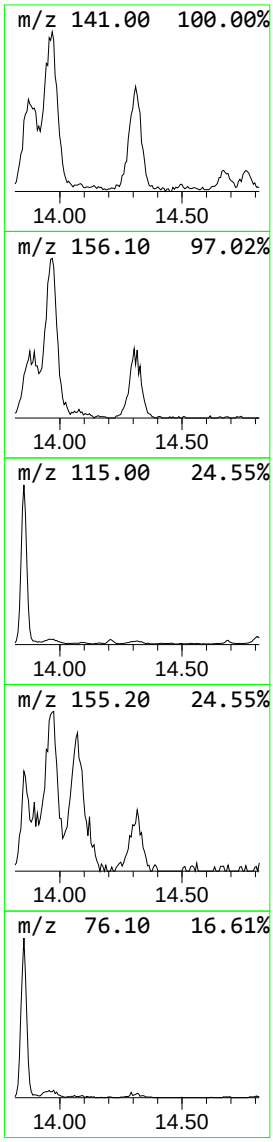
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	2.13 ug/L	63750	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	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

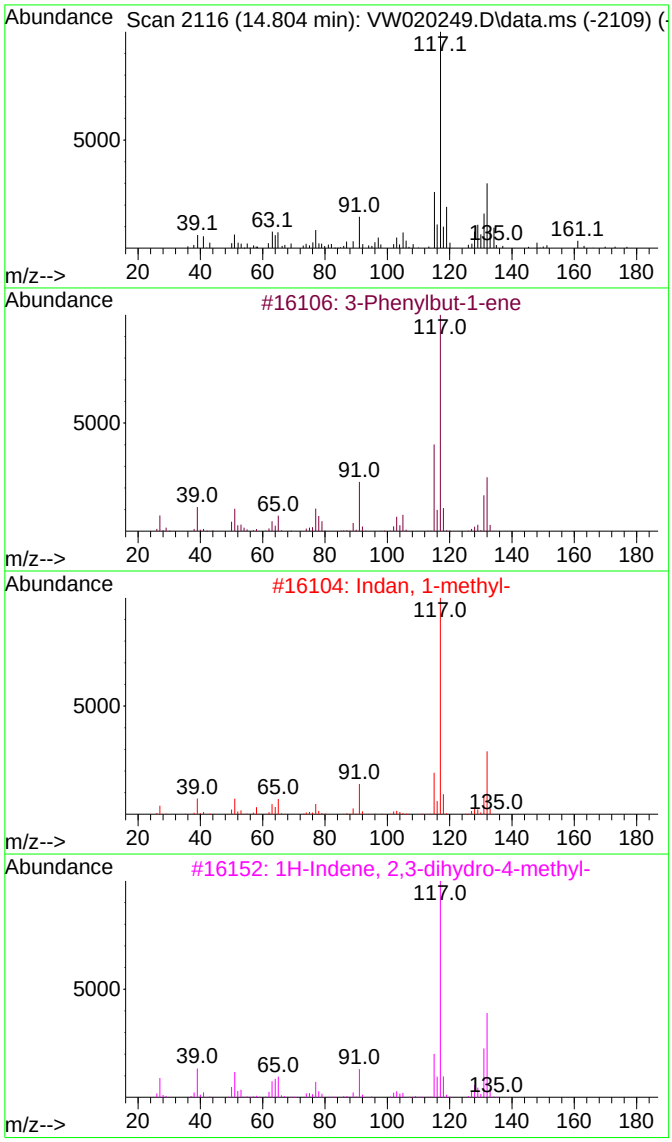
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

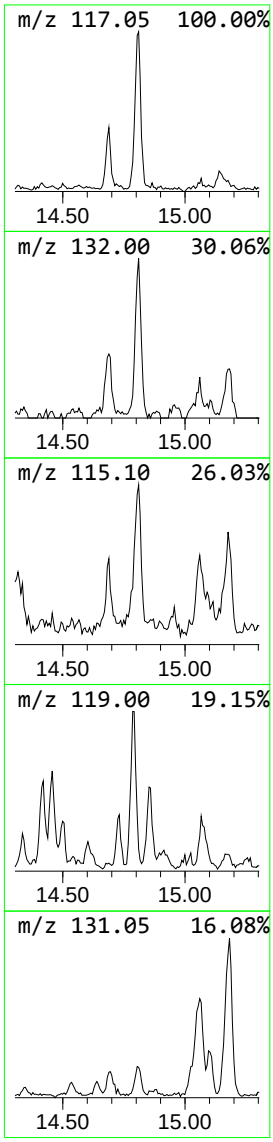
****

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	2.30 ug/L	69004	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

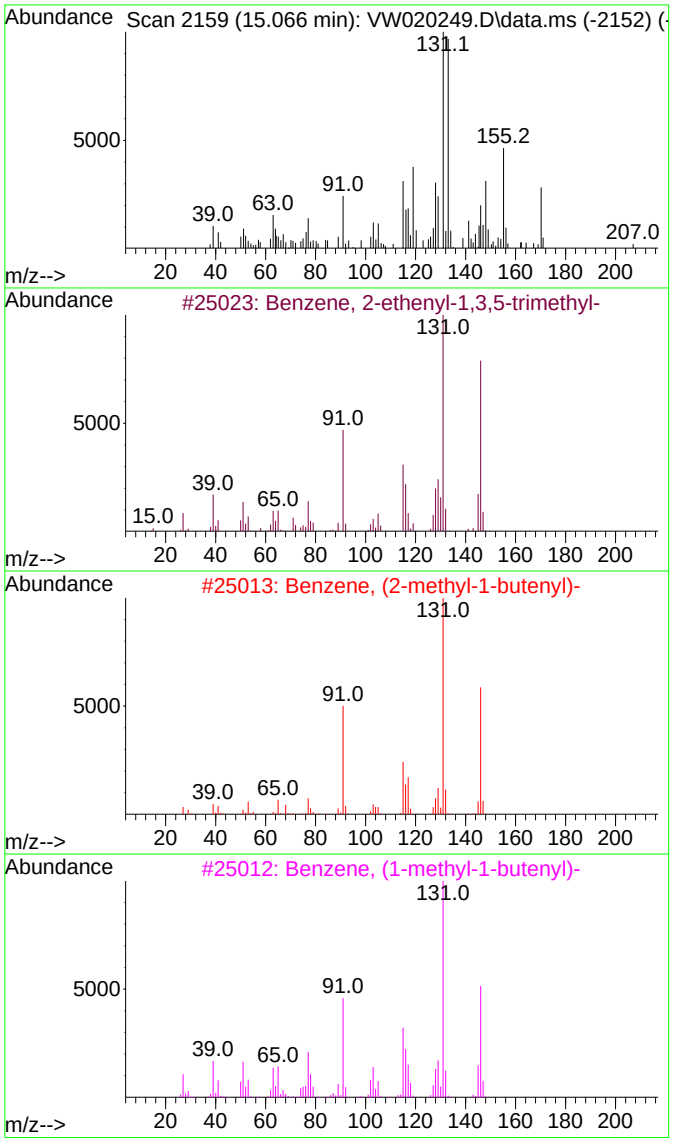
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

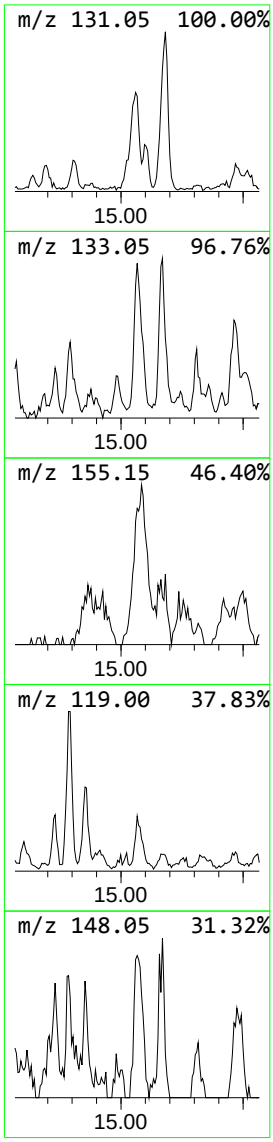
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	1.74 ug/L	52162	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	30
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	30
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	30
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	30
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

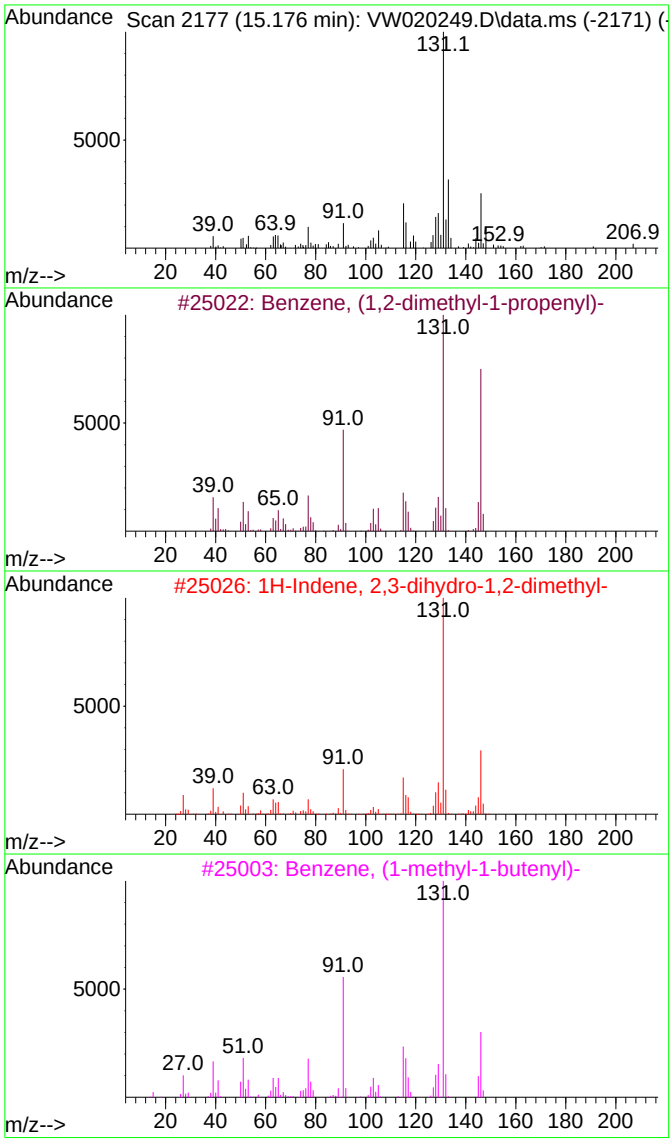
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

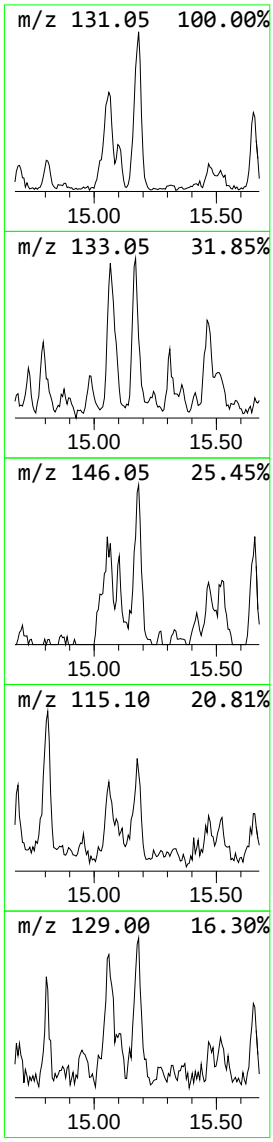
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	1.87 ug/L	56040	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

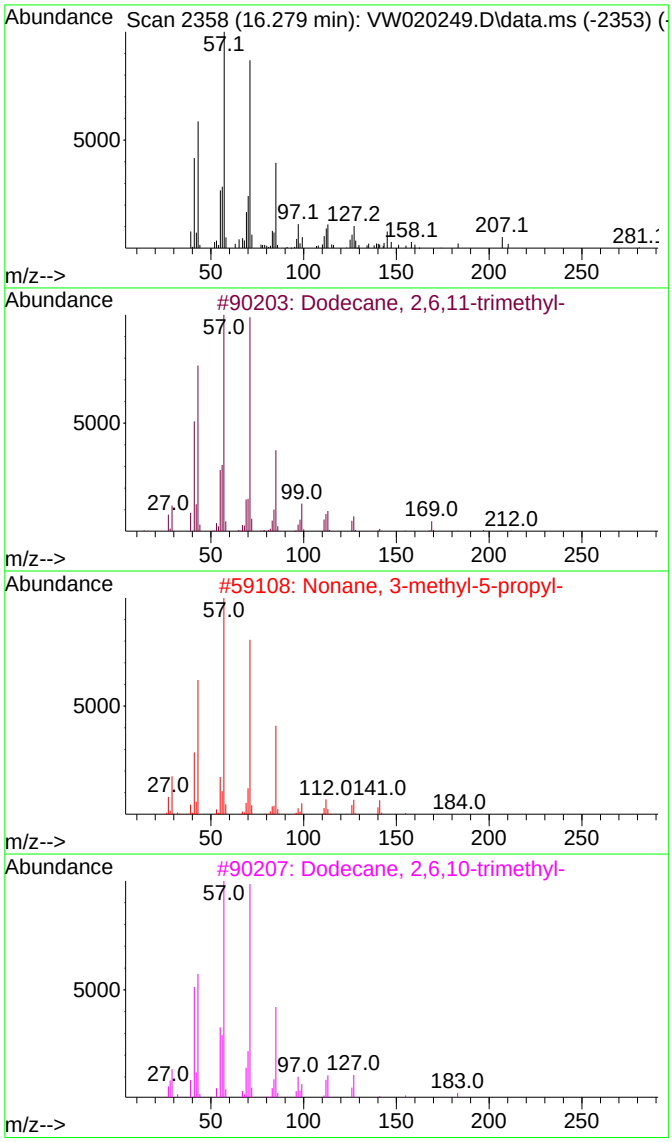
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

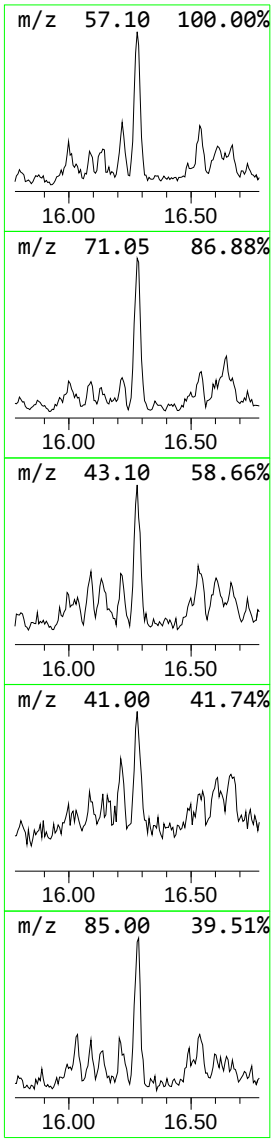
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	1.48 ug/L	44374	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

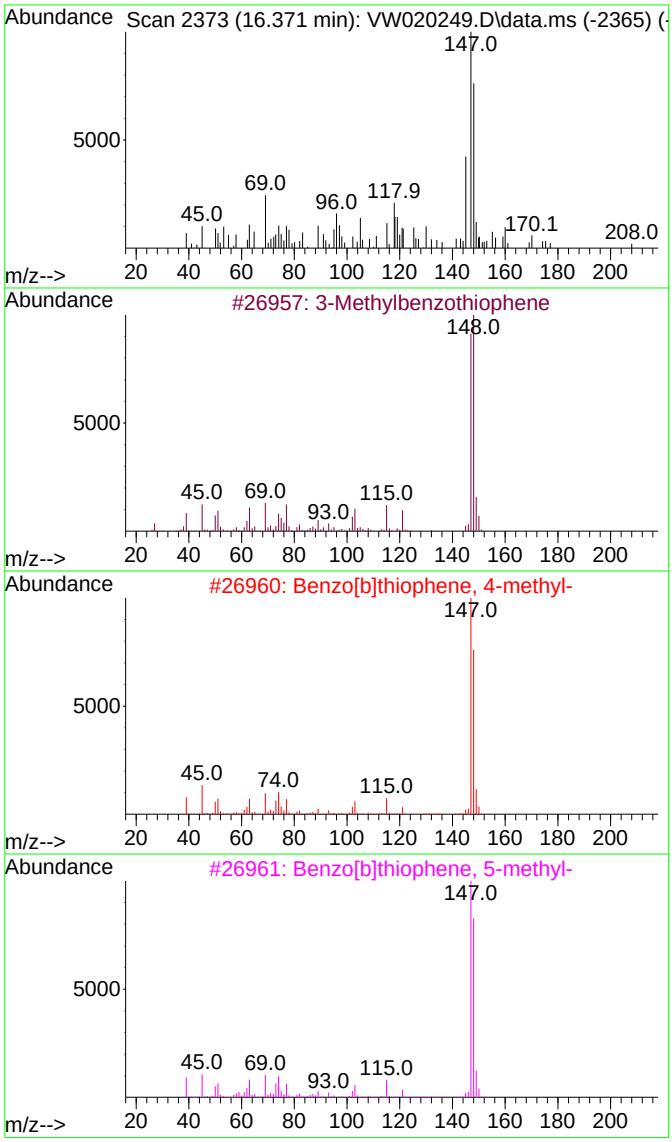
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

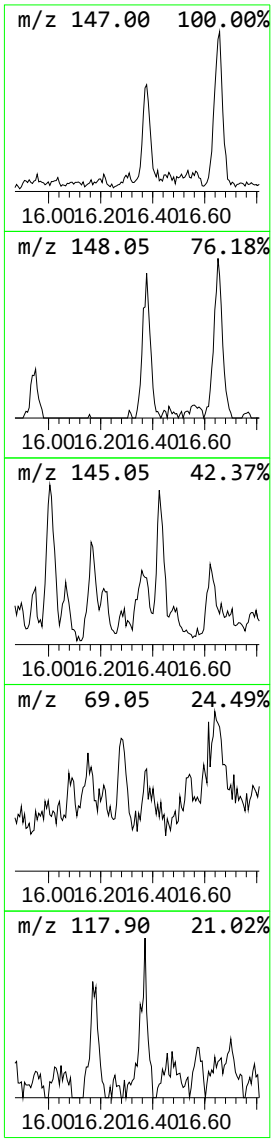
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3-Methylbenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	1.25 ug/L	37518	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	58
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	58
4	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	53
5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK443

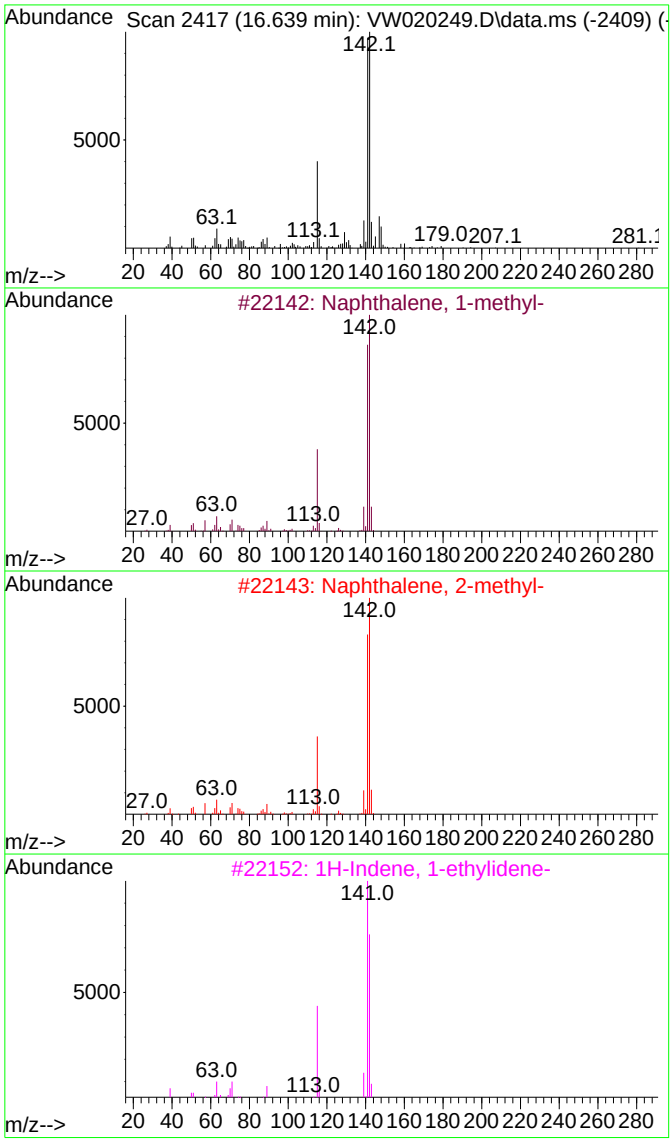
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

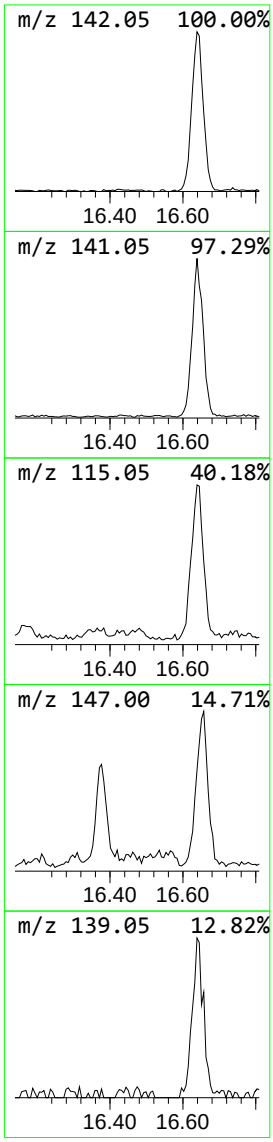
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	6.23 ug/L	186765	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020249.D
Acq On : 29 Sep 2021 23:31
Operator : SY/VA
Sample : VIBLK443
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK443

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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,...	12.896	10.9	ug/L	328159	3	13.560	749020	25.0
Naphthalene, 1,...	13.329	20.3	ug/L	608377	3	13.560	749020	25.0
Naphthalene, 1,...	13.457	4.7	ug/L	141284	3	13.560	749020	25.0
1-Methyl-2-tetr...	13.761	1.4	ug/L	40361	3	13.560	749020	25.0
Naphthalene, 1,...	13.963	3.5	ug/L	105899	3	13.560	749020	25.0
Naphthalene, 2,...	14.316	2.1	ug/L	63750	3	13.560	749020	25.0
3-Phenylbut-1-ene	14.804	2.3	ug/L	69004	3	13.560	749020	25.0
unknown-01	15.066	1.7	ug/L	52162	3	13.560	749020	25.0
Benzene, (1,2-d...	15.176	1.9	ug/L	56040	3	13.560	749020	25.0
(DEL) Alkane: S...	16.279	1.5	ug/L	44374	3	13.560	749020	25.0
3-Methylbenzoth...	16.371	1.3	ug/L	37518	3	13.560	749020	25.0
Naphthalene, 1-...	16.639	6.2	ug/L	186765	3	13.560	749020	25.0