LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

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: VW021908.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	43	rBV3	556	1010	0.17%	0.015%
2	2.257	55	58	59	rBV2	680	642	0.11%	0.010%
3	2.349	66	73	81	rBV	57545	96418	16.37%	1.478%
4	2.477	92	94	96	rBV4	701	724	0.12%	0.011%
5	2.544	103	105	108	rBV3	596	559	0.09%	0.009%
6	2.648	117	122	123	rBV3	3015	4454	0.76%	0.068%
7	2.794	144	146	149	rBV3	416	672	0.11%	0.010%
8	2.879	153	160	172	rVV	34678	76479	12.98%	1.172%
9	3.019	180	183	185	rBV4	647	690	0.12%	0.011%
10	3.087	191	194	195	rBV3	518	504	0.09%	0.008%
11	3.099	195	196	198	rVV2	748	356	0.06%	0.005%
12	3.373	233	241	253	rVB4	1163	3654	0.62%	0.056%
13	4.013	335	346	359	rBV	65288	195151	33.12%	2.991%
14	4.117	361	363	364	rVV2	575	392	0.07%	0.006%
15	4.135	364	366	374	rVB2	925	1494	0.25%	0.023%
16	4.251	380	385	387	rBV2	289	528	0.09%	0.008%
17	4.391	400	408	409	rBV2	1817	2766	0.47%	0.042%
18	4.409	409	411	418	rVB3	1829	3235	0.55%	0.050%
19	4.483	422	423	427	rVB	426	365	0.06%	0.006%
20	4.592	438	441	445	rBV2	270	464	0.08%	0.007%
21	4.922	482	495	503	rBV5	3130	10831	1.84%	0.166%
22	5.074	518	520	522	rBV	445	475	0.08%	0.007%
23	5.111	522	526	527	rBV	972	897	0.15%	0.014%
24	5.232	544	546	551	rVB	286	464	0.08%	0.007%
25	5.751	622	631	635	rVV4	746	1656	0.28%	0.025%
26	5.946	655	663	669	rBV4	1183	3027	0.51%	0.046%
27	6.360	727	731	734	rVB2	217	329	0.06%	0.005%
28	6.915	820	822	825	rBV	289	394	0.07%	0.006%
29	7.080	840	849	853	rBV	13316	35078	5.95%	0.538%
30	7.141	853	859	870	rVB	17596	51415	8.73%	0.788%
31	7.549	923	926	929	rBV2	362	421	0.07%	0.006%
32	7.647	931	942	951	rBV	90100	216986	36.83%	3.326%
33	7.708	951	952	956	rVB3	771	870	0.15%	0.013%
34	7.762	956	961	963	rBV3	425	473	0.08%	0.007%
35	7.897	977	983	984	rBV6	394	670	0.11%	0.010%
36	8.049	1006	1008	1010	rVB2	560	421	0.07%	0.006%

LSC Area Percent Report

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Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

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	8.153	1022	1025	1028	rBV3	506	522	0.09%	0.008%
38	8.183	1028	1030	1032	rBV2	458	409	0.07%	0.006%
39	8.275	1033	1045	1062	rBV2	183325	552813	93.83%	8.474%
40	8.390	1062	1064	1066	rVV3	718	780	0.13%	0.012%
41	8.409	1066	1067	1072	rVB3	1255	1123	0.19%	0.017%
42	8.445	1072	1073	1076	rVB3	740	697	0.12%	0.011%
43	8.476	1076	1078	1079	rBV2	473	358	0.06%	0.005%
44	8.500	1079	1082	1084	rBV4	645	609	0.10%	0.009%
45	8.518	1084	1085	1087	rBV2	608	404	0.07%	0.006%
46	8.586	1095	1096	1099	rBV3	418	374	0.06%	0.006%
47	8.689	1109	1113	1115	rBV5	693	791	0.13%	0.012%
48	8.720	1115	1118	1119	rBV3	883	669	0.11%	0.010%
49	8.756	1122	1124	1126	rVB3	701	555	0.09%	0.009%
50	8.781	1126	1128	1129	rBV	613	452	0.08%	0.007%
51	8.842	1129	1138	1147	rBV	163464	330675	56.13%	5.069%
52	8.951	1154	1156	1157	rVB2	656	380	0.06%	0.006%
53	8.970	1157	1159	1162	rVB4	514	527	0.09%	0.008%
54	9.000	1162	1164	1166	rBV3	982	915	0.16%	0.014%
55	9.024	1166	1168	1169	rBV2	598	446	0.08%	0.007%
56	9.037	1169	1170	1172	rBV3	843	494	0.08%	0.008%
57	9.055	1172	1173	1174	rBV	983	709	0.12%	0.011%
58	9.189	1193	1195	1198	rBV4	738	988	0.17%	0.015%
59	9.220	1198	1200	1201	rVV	993	772	0.13%	0.012%
60	9.274	1201	1209	1218	rVV	112630	230035	39.04%	3.526%
61	9.341	1218	1220	1221	rVV	1211	896	0.15%	0.014%
62	9.360	1221	1223	1225	rVV3	1006	751	0.13%	0.012%
63	9.543	1252	1253	1255	rBV2	1565	1235	0.21%	0.019%
64	9.598	1259	1262	1264	rBV4	1548	1766	0.30%	0.027%
65	9.756	1286	1288	1289	rBV2	1033	654	0.11%	0.010%
66	10.036	1327	1334	1344	rBV	57494	109938	18.66%	1.685%
67	10.323	1374	1381	1388	rBV	278100	493242	83.72%	7.560%
68	10.579	1417	1423	1431	rBV	35370	63094	10.71%	0.967%
69	10.701	1437	1443	1450	rBV	53284	98391	16.70%	1.508%
70	10.920	1474	1479	1486	rBV	58262	101977	17.31%	1.563%
71	11.061	1499	1502	1507	rBV2	13905	20523	3.48%	0.315%
72	11.433	1559	1563	1572	rVB	55931	99294	16.85%	1.522%
73	11.628	1589	1595	1607	rVB	248590	431820	73.29%	6.619%
74	12.603	1749	1755	1761	rBV	254097	470089	79.79%	7.206%
75	12.688	1765	1769	1777	rVB	105748	186335	31.63%	2.856%
76	12.871	1790	1799	1801	rBV4	54781	156586	26.58%	2.400%

LSC Area Percent Report

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Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

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

77	13.158	1843	1846	1849	rBV3	14560	19422	3.30%	0.298%
78	13.292	1859	1868	1884	rBV4	98769	368683	62.58%	5.651%
79	13.554	1906	1911	1926	rVB	318723	589154	100.00%	9.031%
80	13.749	1933	1943	1954	rVB8	51895	194304	32.98%	2.978%
81	13.853	1954	1960	1966	rBV	254080	445858	75.68%	6.834%
82	14.066	1990	1995	2003	rVB2	99678	207464	35.21%	3.180%
83	14.194	2011	2016	2021	rBV5	17145	34770	5.90%	0.533%
84	14.383	2045	2047	2050	rVB3	13643	13340	2.26%	0.204%
85	14.493	2062	2065	2069	rBV3	18944	29639	5.03%	0.454%
86	14.639	2085	2089	2093	rVB3	9902	14193	2.41%	0.218%
87	14.725	2100	2103	2108	rVB3	17710	26514	4.50%	0.406%
88	14.786	2109	2113	2116	rBV3	22480	34950	5.93%	0.536%
89	14.834	2118	2121	2128	rVB3	19683	44740	7.59%	0.686%
90	15.060	2154	2158	2167	rVB2	18471	39307	6.67%	0.602%
91	15.243	2185	2188	2195	rVB7	15400	32749	5.56%	0.502%
92	15.316	2195	2200	2204	rBV2	32030	57144	9.70%	0.876%
93	15.432	2214	2219	2222	rBV	22783	36281	6.16%	0.556%
94	15.651	2248	2255	2262	rBV5	16704	47673	8.09%	0.731%
95	16.011	2308	2314	2315	rBV6	9533	19409	3.29%	0.298%
96	16.133	2330	2334	2339	rBV4	12907	28595	4.85%	0.438%
97	16.212	2343	2347	2352	rVV5	13260	23420	3.98%	0.359%
98	16.273	2352	2357	2364	rVB	25958	46699	7.93%	0.716%
99	16.432	2378	2383	2386	rBV4	8875	16592	2.82%	0.254%
100	16.633	2412	2416	2426	rVB4	25978	75050	12.74%	1.150%

Sum of corrected areas: 6524002

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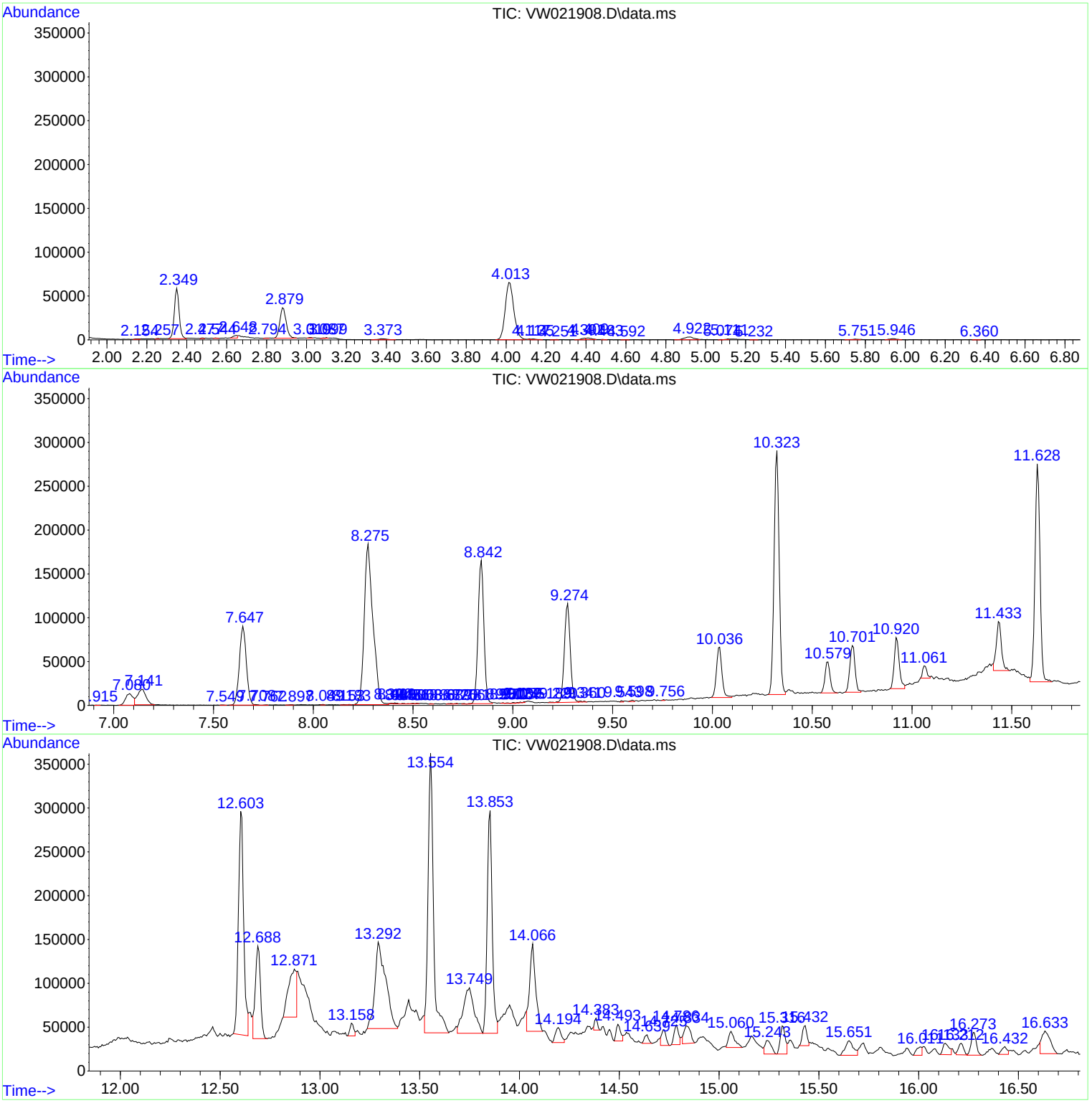
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

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\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

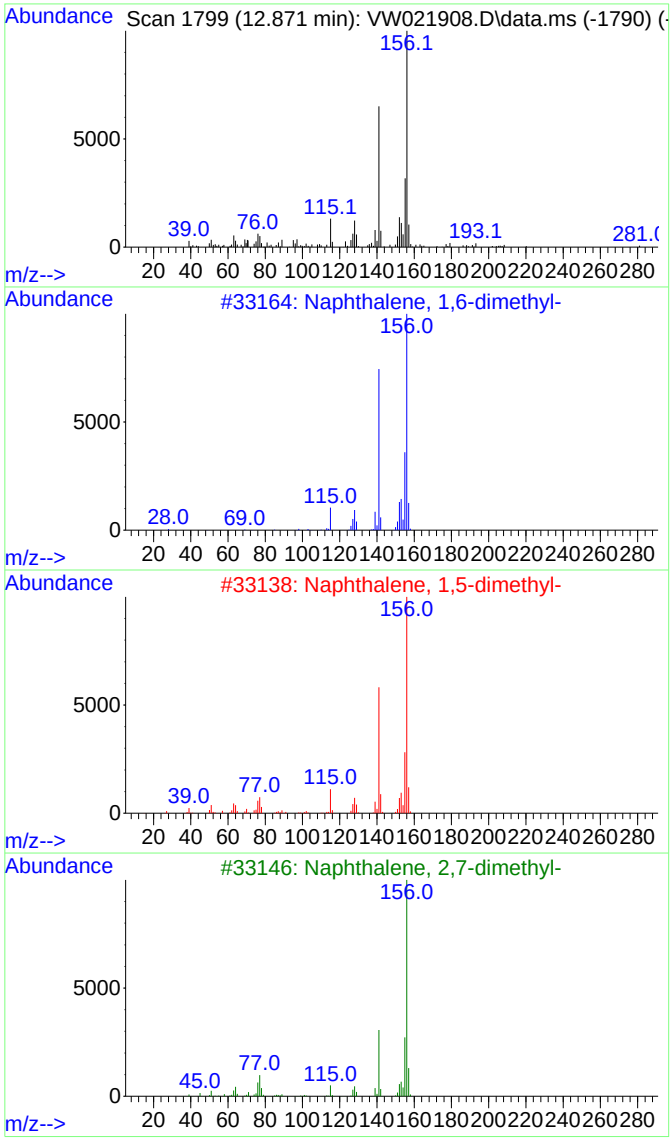
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

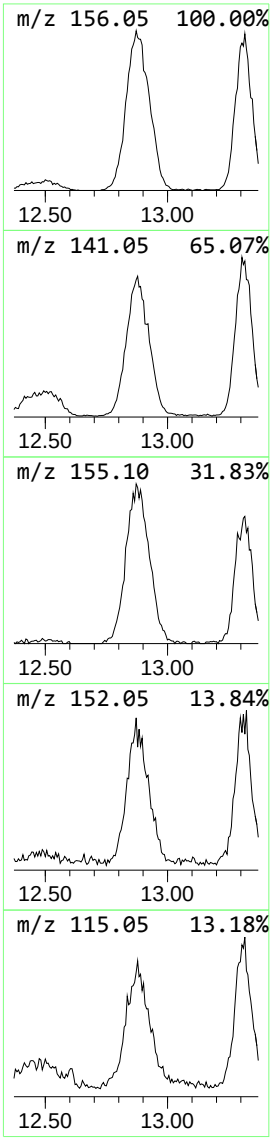
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	6.64 ug/L	156586	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

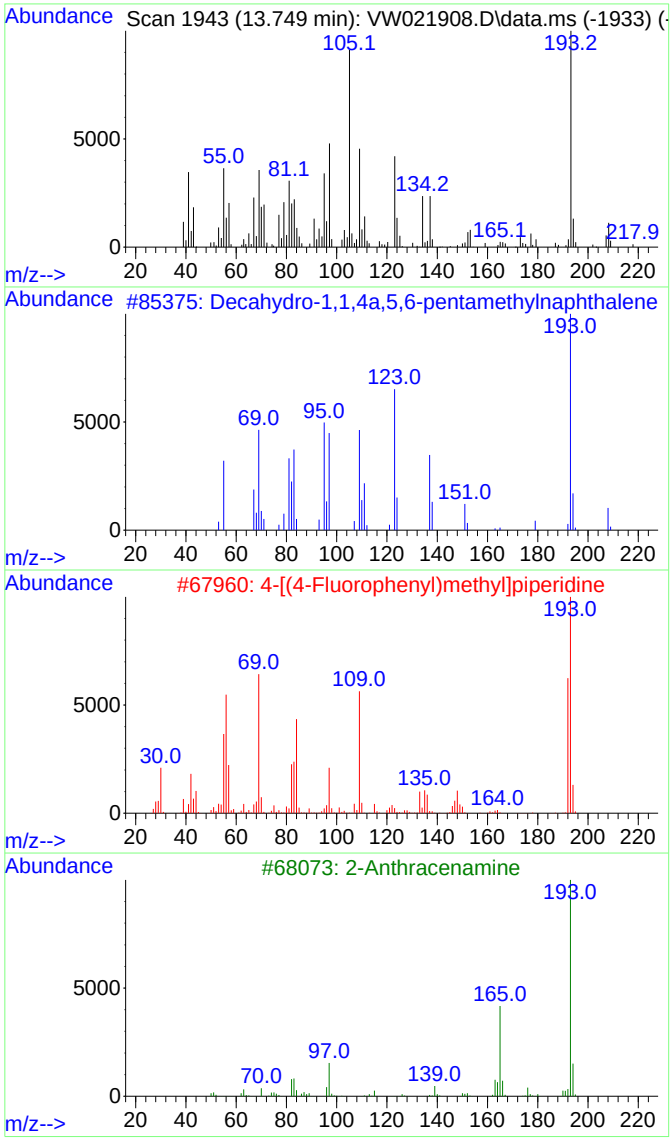
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

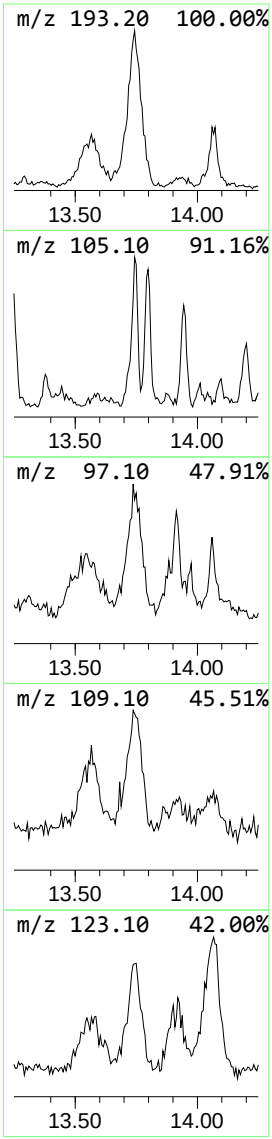
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	8.25 ug/L	194304	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	83
2	4-[(4-Fluorophenyl)methyl]piperi...	193	C12H16FN	092822-02-1	38
3	2-Anthracenamine	193	C14H11N	000613-13-8	35
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	30
5	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	27





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Instrument :
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ClientSampleId :
VIBLK587

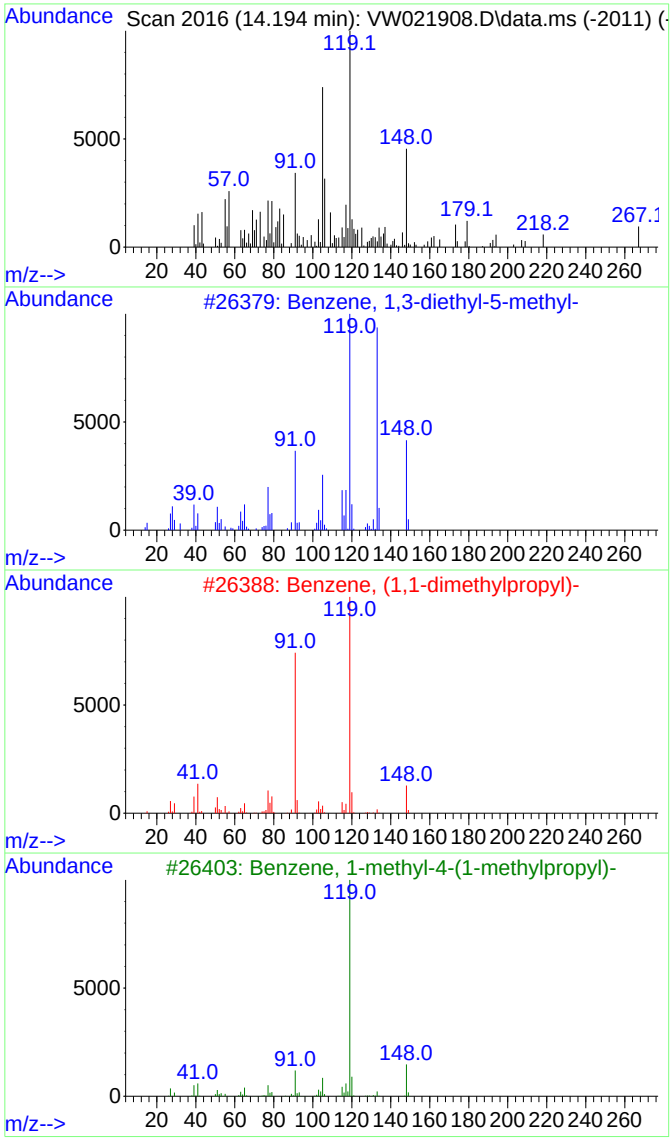
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

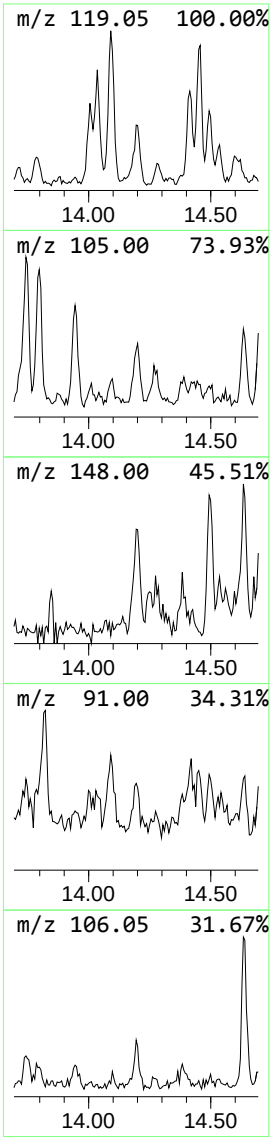
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	1.48 ug/L	34770	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	43
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

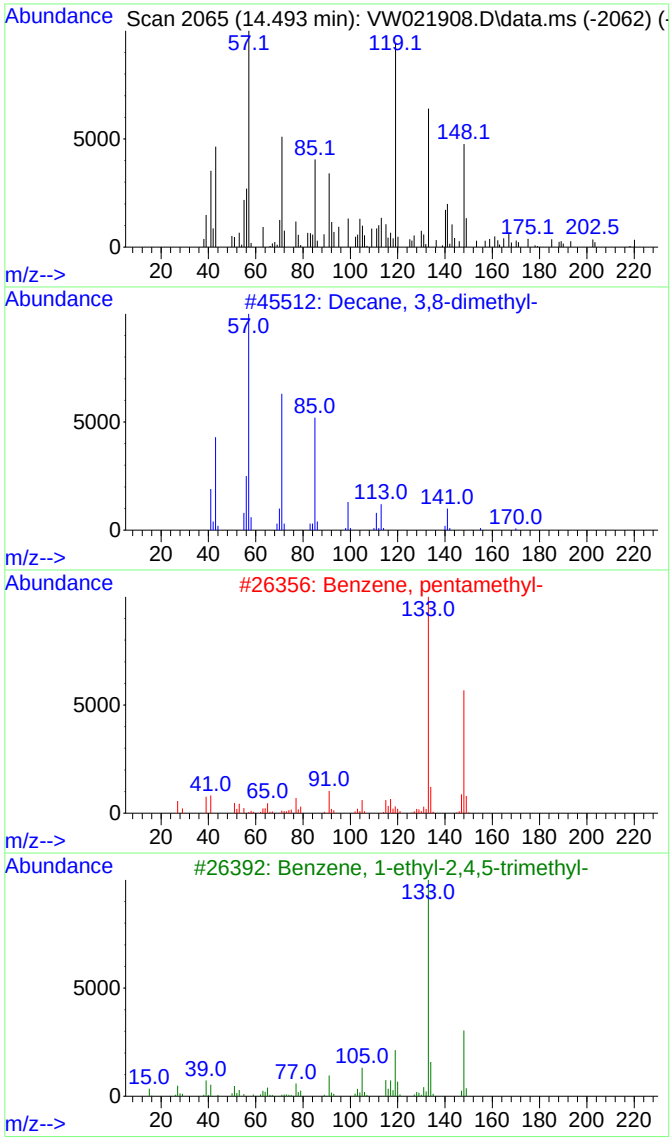
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

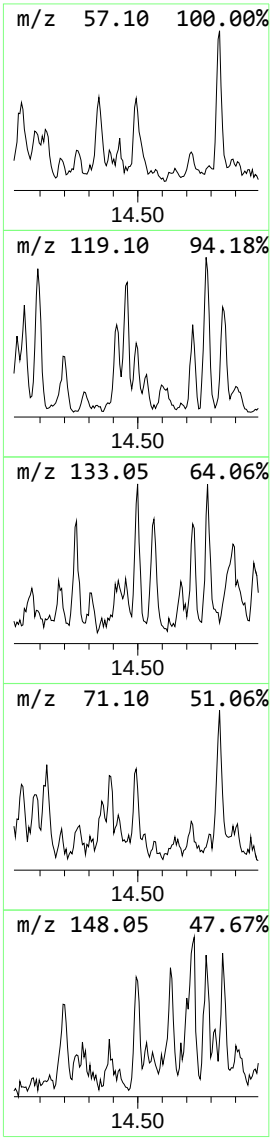
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	1.26 ug/L	29639	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	35
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	18
4	Hexadecane	226	C16H34	000544-76-3	14
5	9-methylheptadecane	254	C18H38	026741-18-4	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

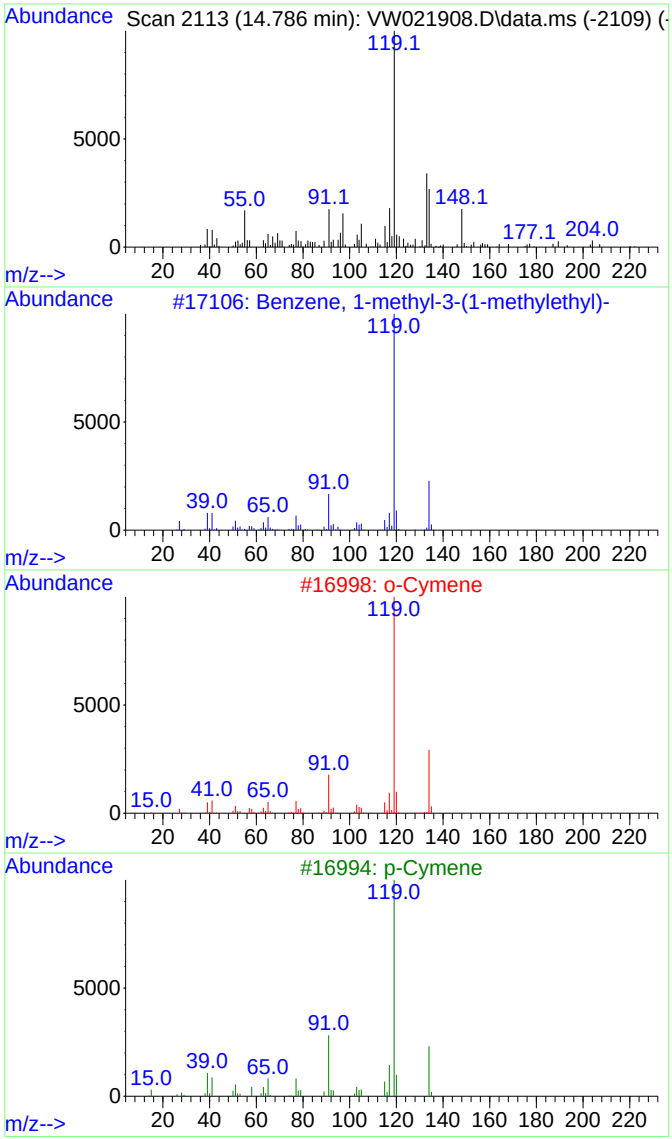
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

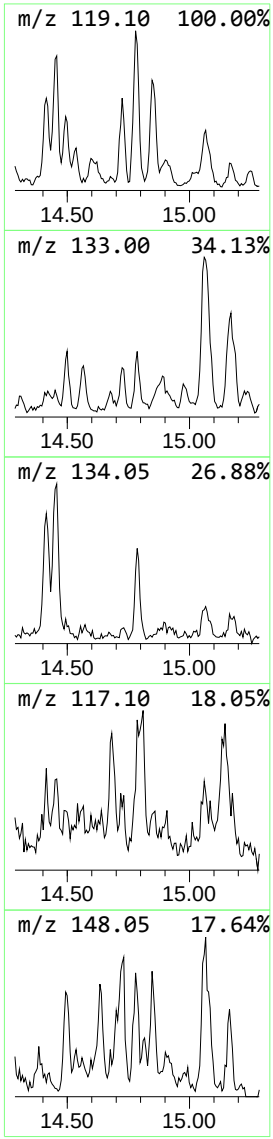
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	1.48 ug/L	34950	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
2	o-Cymene	134	C10H14	000527-84-4	58
3	p-Cymene	134	C10H14	000099-87-6	58
4	o-Cymene	134	C10H14	000527-84-4	53
5	p-Cymene	134	C10H14	000099-87-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

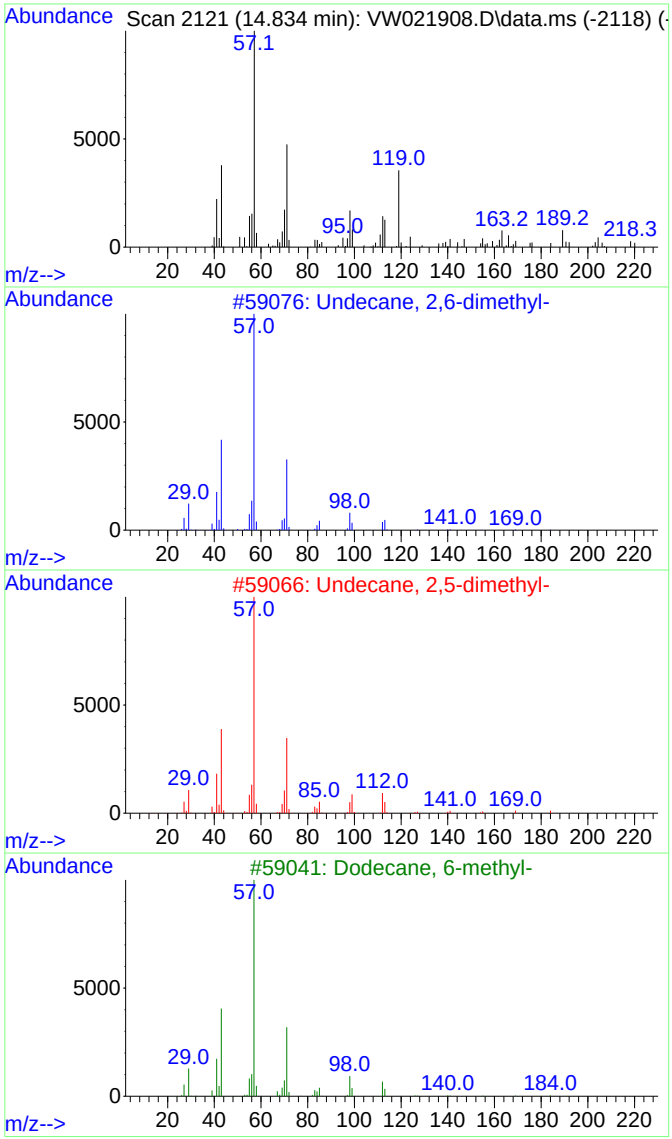
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

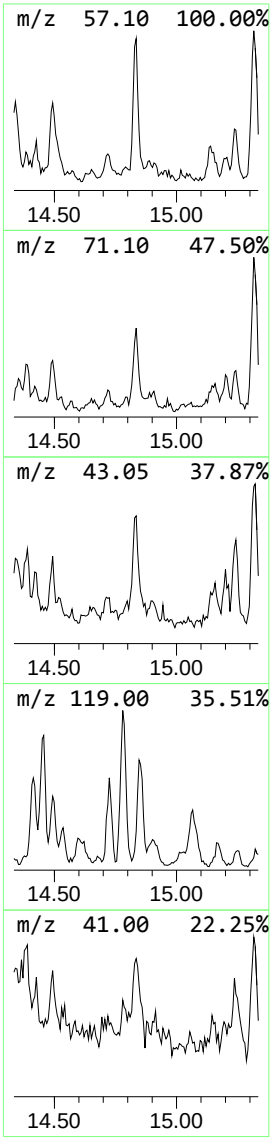
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	1.90 ug/L	44740	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58





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Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

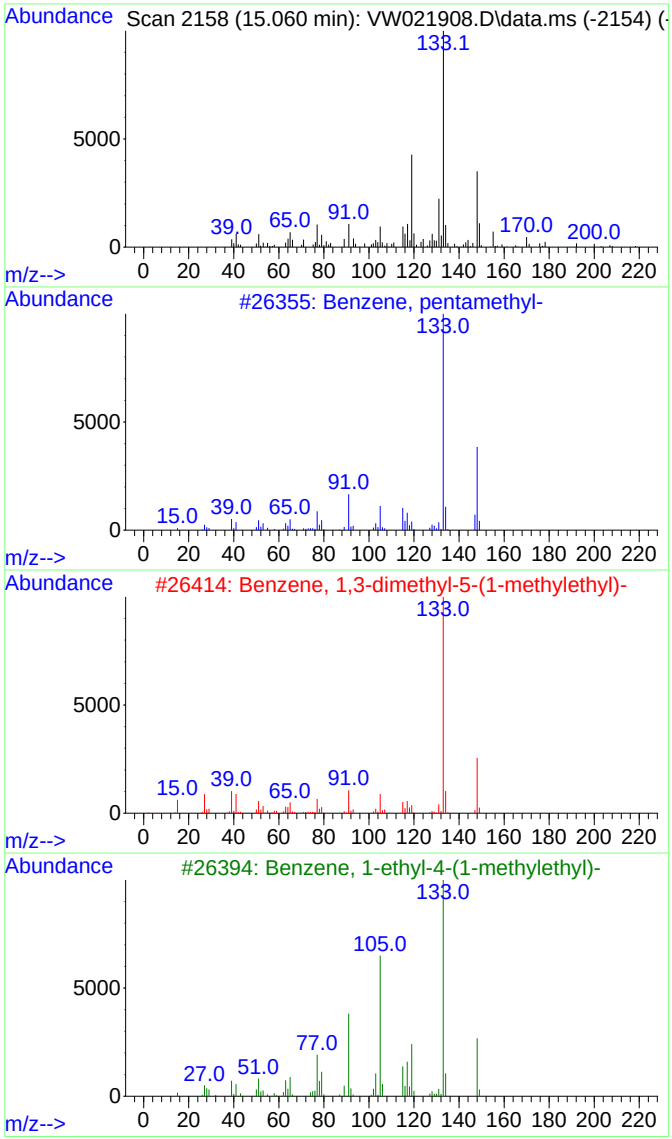
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

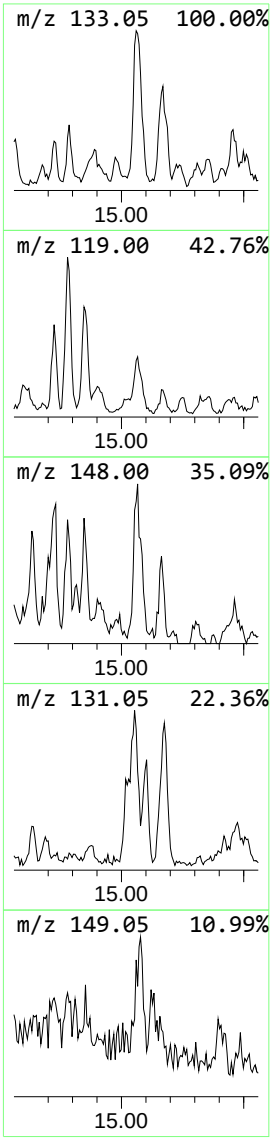
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, pentamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.67 ug/L	39307	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	53
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

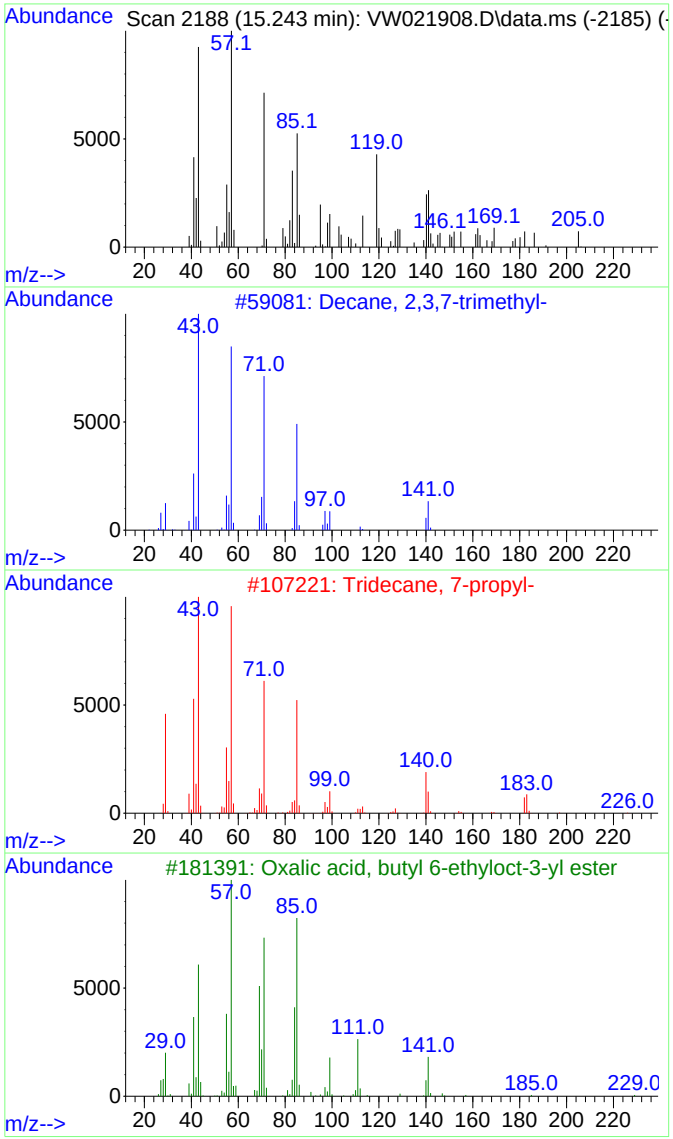
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

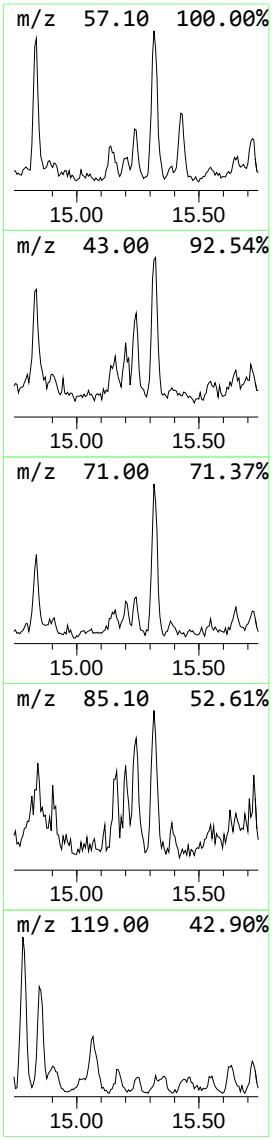
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	1.39 ug/L	32749	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	43
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
3	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	43
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	38
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

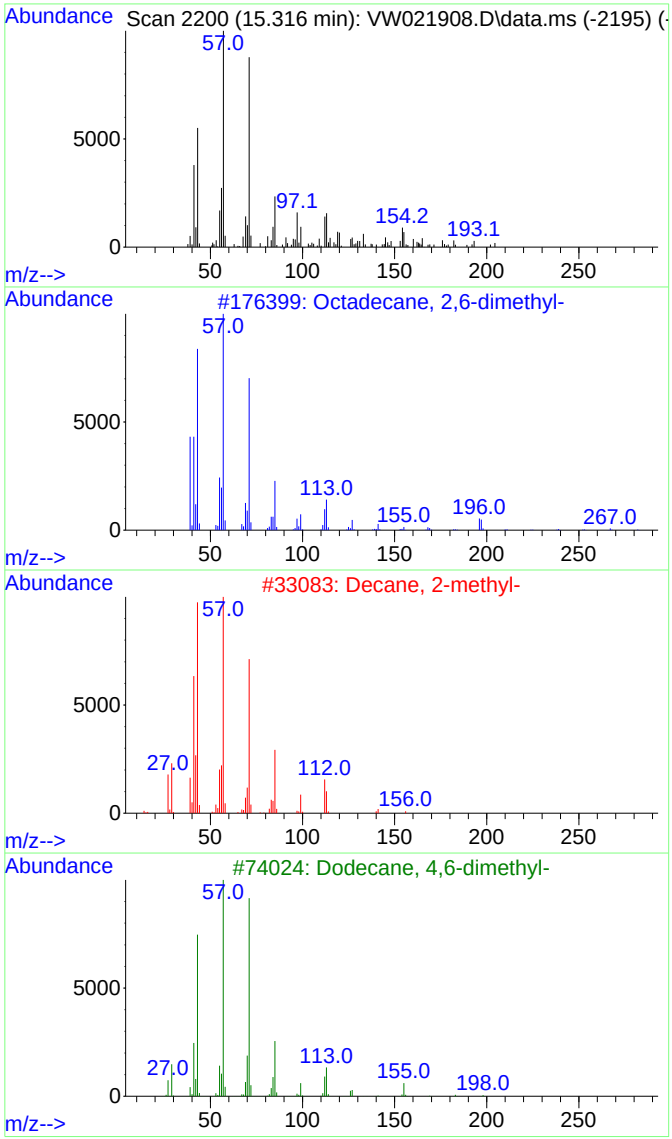
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

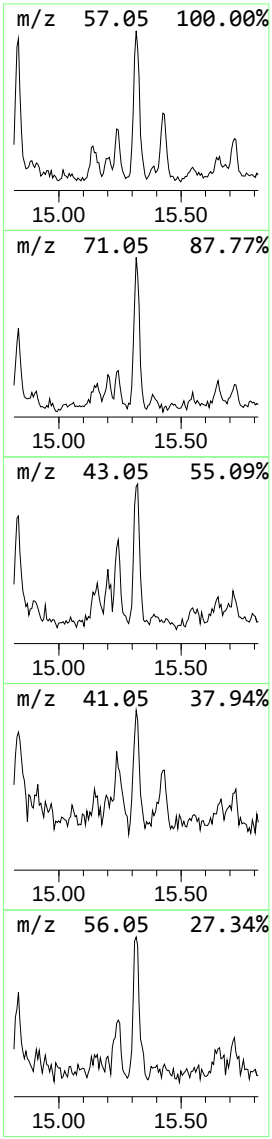
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	2.42 ug/L	57144	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	74
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

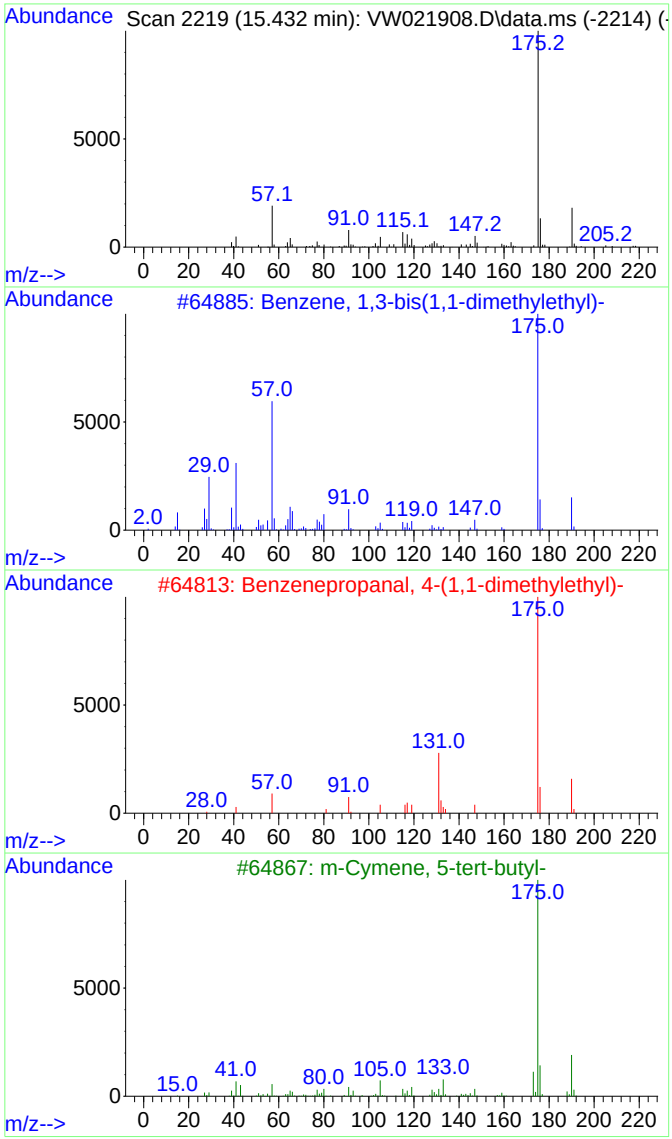
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

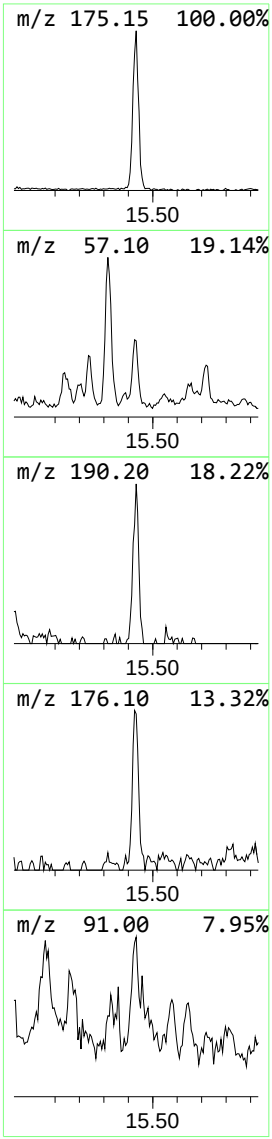
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.54 ug/L	36281	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	87
3	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	83
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

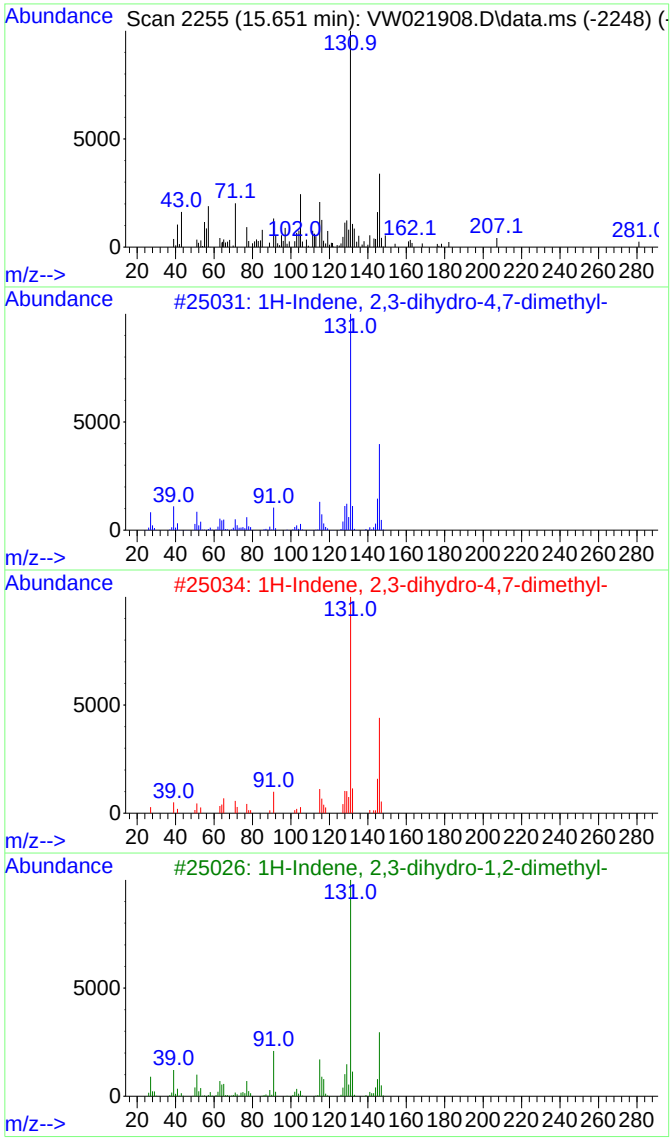
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

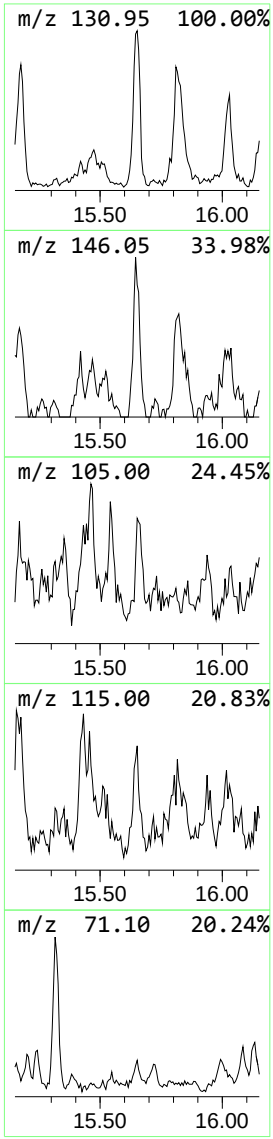
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.02 ug/L	47673	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

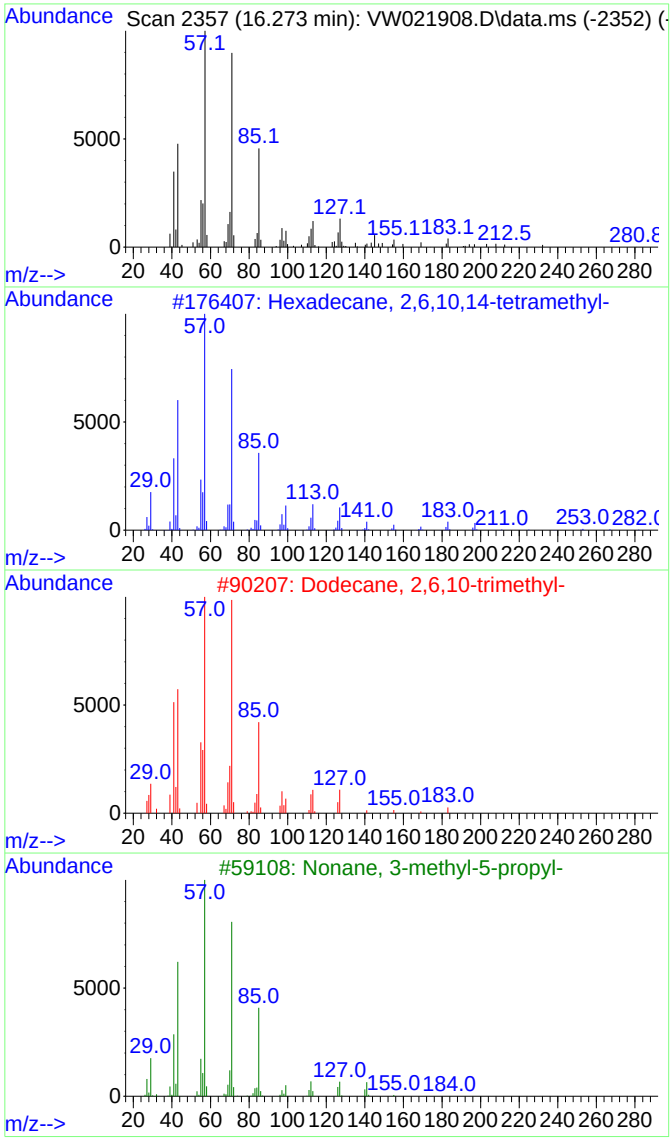
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

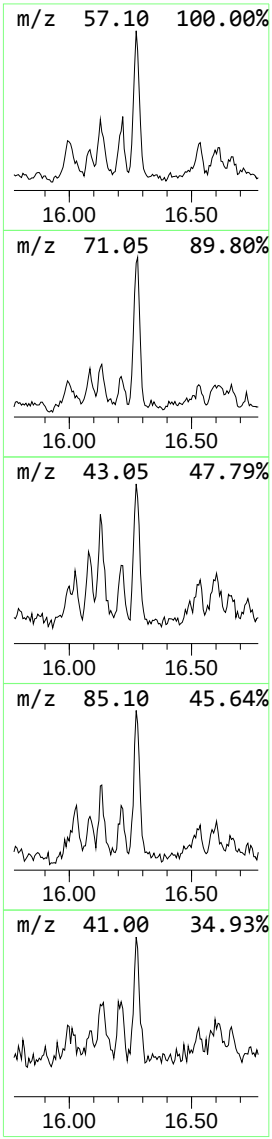
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	1.98 ug/L	46699	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

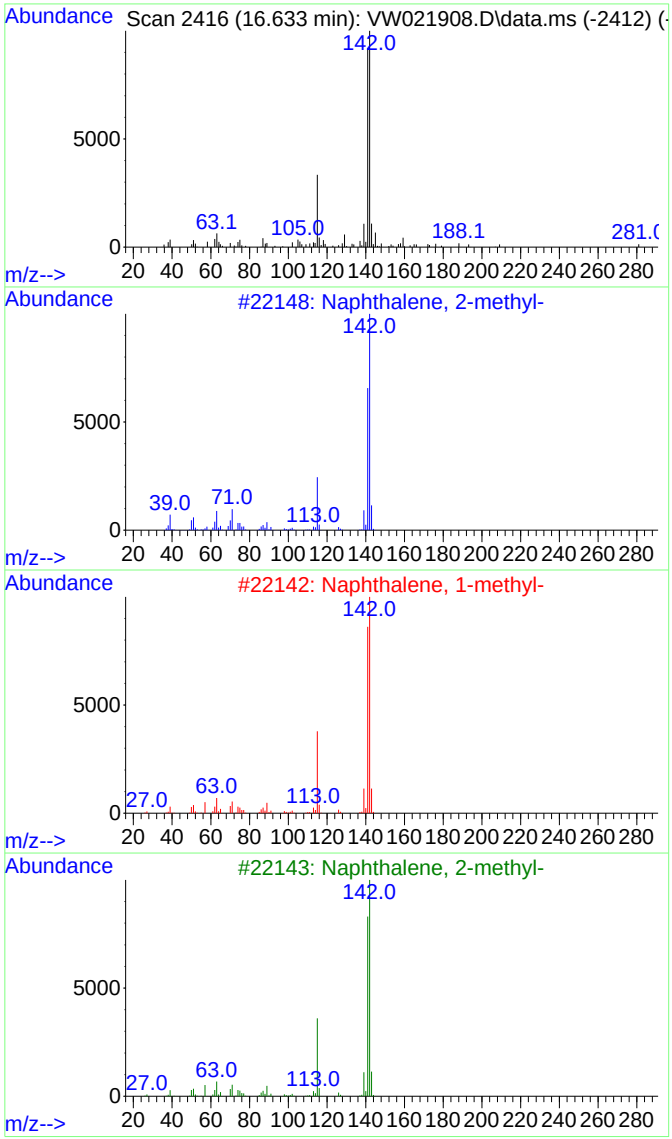
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

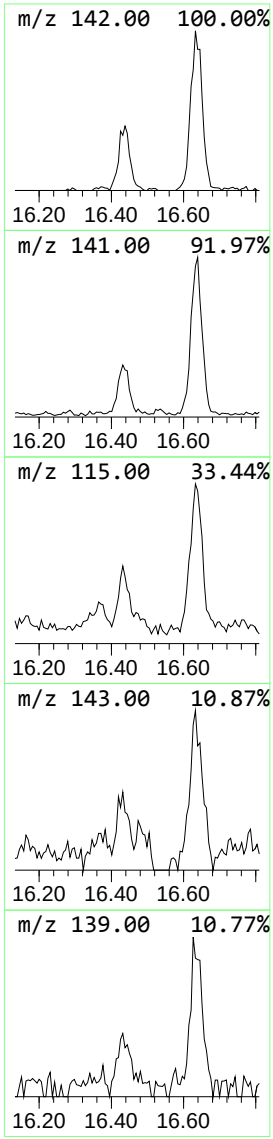
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	3.18 ug/L	75050	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
Data File : VW021908.D
Acq On : 14 Jan 2022 12:53
Operator : SY/VA
Sample : VIBLK587
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK587

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
Naphthalene, 1,...	12.871	6.6	ug/L	156586	3	13.554	589154	25.0
Decahydro-1,1,4...	13.749	8.3	ug/L	194304	3	13.554	589154	25.0
Benzene, 1,3-di...	14.194	1.5	ug/L	34770	3	13.554	589154	25.0
(DEL) Alkane: S...	14.493	1.3	ug/L	29639	3	13.554	589154	25.0
Benzene, 1-meth...	14.786	1.5	ug/L	34950	3	13.554	589154	25.0
(DEL) Alkane: S...	14.834	1.9	ug/L	44740	3	13.554	589154	25.0
Benzene, pentam...	15.060	1.7	ug/L	39307	3	13.554	589154	25.0
(DEL) Alkane: S...	15.243	1.4	ug/L	32749	3	13.554	589154	25.0
(DEL) Alkane: S...	15.316	2.4	ug/L	57144	3	13.554	589154	25.0
Benzene, 1,3-bi...	15.432	1.5	ug/L	36281	3	13.554	589154	25.0
1H-Indene, 2,3-...	15.651	2.0	ug/L	47673	3	13.554	589154	25.0
(DEL) Alkane: S...	16.273	2.0	ug/L	46699	3	13.554	589154	25.0
Naphthalene, 2-...	16.633	3.2	ug/L	75050	3	13.554	589154	25.0