LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	75	82	92	rVB	99573	106362	6.87%	1.020%
2	1.919	171	180	193	rVB	71313	90699	5.86%	0.870%
3	2.256	282	285	289	rBV2	435	367	0.02%	0.004%
4	2.279	289	292	296	rVV2	364	317	0.02%	0.003%
5	2.330	302	308	312	rBV2	416	430	0.03%	0.004%
6	2.359	312	317	320	rVB2	316	317	0.02%	0.003%
7	2.388	324	326	332	rVB2	378	342	0.02%	0.003%
8	2.440	337	342	343	rBV	554	458	0.03%	0.004%
9	2.514	362	365	370	rBV	333	300	0.02%	0.003%
10	2.571	370	383	409	rBV	164761	274503	17.72%	2.633%
11	2.697	420	422	427	rVB2	278	203	0.01%	0.002%
12	2.723	427	430	434	rBV	280	199	0.01%	0.002%
13	2.771	442	445	450	rVB2	348	313	0.02%	0.003%
14	2.796	450	453	456	rBV2	424	413	0.03%	0.004%
15	2.928	491	494	497	rVB	511	306	0.02%	0.003%
16	2.967	502	506	509	rBV2	452	371	0.02%	0.004%
17	3.057	525	534	540	rVB5	1851	3350	0.22%	0.032%
18	3.089	540	544	548	rBV2	324	316	0.02%	0.003%
19	3.192	562	576	587	rBV	6265	14463	0.93%	0.139%
20	3.356	624	627	629	rBV	592	439	0.03%	0.004%
21	3.436	648	652	656	rBV	459	389	0.03%	0.004%
22	3.478	661	665	666	rBV2	395	292	0.02%	0.003%
23	3.578	691	696	700	rBV2	446	461	0.03%	0.004%
24	3.639	711	715	720	rBV	447	524	0.03%	0.005%
25	3.854	779	782	785	rBV2	289	237	0.02%	0.002%
26	3.909	796	799	800	rBV	347	216	0.01%	0.002%
27	3.977	815	820	821	rBV	460	358	0.02%	0.003%
28	4.012	828	831	835	rVB	468	337	0.02%	0.003%
29	4.112	859	862	868	rBV	480	527	0.03%	0.005%
30	4.269	908	911	912	rBV	340	199	0.01%	0.002%
31	4.298	917	920	924	rVV2	259	255	0.02%	0.002%
32	4.385	944	947	950	rBV2	476	370	0.02%	0.004%
33	4.443	962	965	969	rBV	275	167	0.01%	0.002%
34	4.468	970	973	977	rVB	393	292	0.02%	0.003%
35	4.491	977	980	984	rVB	391	254	0.02%	0.002%
36	4.523	985	990	993	rVB	339	320	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

37	4.565	998	1003	1007	rBV2	502	658	0.04%	0.006%
38	4.639	1011	1026	1059	rBV	74261	222225	14.35%	2.131%
39	5.066	1143	1159	1181	rBV	137213	317035	20.47%	3.041%
40	5.414	1262	1267	1271	rBV	515	583	0.04%	0.006%
41	5.639	1334	1337	1343	rVB	324	263	0.02%	0.003%
42	5.729	1343	1365	1395	rBV2	292042	796065	51.40%	7.635%
43	6.041	1456	1462	1464	rBV3	476	471	0.03%	0.005%
44	6.253	1514	1528	1546	rBV	271138	510625	32.97%	4.897%
45	6.478	1595	1598	1603	rVB2	358	239	0.02%	0.002%
46	6.546	1603	1619	1641	rBV	822024	1548854	100.00%	14.855%
47	6.693	1652	1665	1684	rVB	180981	349333	22.55%	3.350%
48	6.925	1733	1737	1741	rBV	479	460	0.03%	0.004%
49	7.246	1834	1837	1840	rBV	620	490	0.03%	0.005%
50	7.298	1850	1853	1859	rBV	422	469	0.03%	0.004%
51	7.568	1924	1937	1952	rBV	106657	187232	12.09%	1.796%
52	7.899	2027	2040	2055	rBV	365066	629238	40.63%	6.035%
53	8.179	2117	2127	2148	rBV	73525	122088	7.88%	1.171%
54	8.291	2159	2162	2165	rBV	408	319	0.02%	0.003%
55	8.404	2190	2197	2203	rVB4	2306	3076	0.20%	0.030%
56	8.497	2223	2226	2230	rBV	453	379	0.02%	0.004%
57	8.555	2230	2244	2257	rVV	426246	724090	46.75%	6.945%
58	8.635	2258	2269	2299	rVB	252589	443418	28.63%	4.253%
59	9.137	2422	2425	2429	rBV	364	357	0.02%	0.003%
60	9.417	2500	2512	2533	rBV	398644	665990	43.00%	6.387%
61	9.568	2552	2559	2560	rBV2	1550	1371	0.09%	0.013%
62	9.693	2591	2598	2610	rVB2	6961	10600	0.68%	0.102%
63	9.745	2610	2614	2618	rBV2	619	635	0.04%	0.006%
64	10.108	2719	2727	2736	rBV6	1946	3432	0.22%	0.033%
65	10.188	2749	2752	2758	rBV2	365	472	0.03%	0.005%
66	10.394	2813	2816	2822	rVB2	664	607	0.04%	0.006%
67	10.623	2883	2887	2893	rBV4	1432	1617	0.10%	0.016%
68	10.758	2916	2929	2946	rBV	273632	436910	28.21%	4.190%
69	10.889	2966	2970	2975	rBV3	820	921	0.06%	0.009%
70	11.114	3033	3040	3050	rVB2	7812	11215	0.72%	0.108%
71	11.378	3117	3122	3126	rVB5	1188	1123	0.07%	0.011%
72	11.414	3126	3133	3141	rBV4	4214	5959	0.38%	0.057%
73	11.462	3141	3148	3156	rBV5	3888	6334	0.41%	0.061%
74	11.536	3167	3171	3175	rBV2	1142	1139	0.07%	0.011%
75	11.635	3199	3202	3211	rVB5	1436	1733	0.11%	0.017%
76	11.696	3214	3221	3228	rBV7	2601	4585	0.30%	0.044%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
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Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

77	11.812	3245	3257	3270	rBV	474083	744699	48.08%	7.142%
78	11.912	3283	3288	3293	rBV5	2952	3187	0.21%	0.031%
79	12.114	3348	3351	3358	rBV6	895	988	0.06%	0.009%
80	12.195	3361	3376	3391	rVV	393464	635240	41.01%	6.093%
81	12.327	3408	3417	3428	rBV2	19365	28234	1.82%	0.271%
82	12.902	3591	3596	3598	rBV4	978	973	0.06%	0.009%
83	13.127	3662	3666	3673	rBV4	1524	2067	0.13%	0.020%
84	13.433	3753	3761	3771	rBV5	7993	11976	0.77%	0.115%
85	13.722	3847	3851	3855	rBV4	740	926	0.06%	0.009%
86	14.085	3954	3964	3978	rVB	159794	250491	16.17%	2.402%
87	14.449	4071	4077	4086	rVB3	7842	10744	0.69%	0.103%
88	14.484	4086	4088	4092	rBV3	991	686	0.04%	0.007%
89	14.802	4185	4187	4188	rBV2	1044	470	0.03%	0.005%
90	14.918	4221	4223	4224	rBV2	908	406	0.03%	0.004%
91	15.220	4307	4317	4336	rBV	99885	159591	10.30%	1.531%
92	15.410	4366	4376	4388	rVB	116401	183335	11.84%	1.758%
93	15.950	4538	4544	4557	rVB	22302	34348	2.22%	0.329%
94	16.259	4630	4640	4660	rBV	122551	220868	14.26%	2.118%
95	16.407	4676	4686	4693	rBV2	158282	252745	16.32%	2.424%
96	16.445	4694	4698	4711	rVB	99061	136268	8.80%	1.307%
97	16.638	4743	4758	4774	rVB3	47127	123039	7.94%	1.180%
98	16.783	4797	4803	4813	rVB2	17818	25477	1.64%	0.244%
99	16.880	4826	4833	4844	rVB3	22519	33882	2.19%	0.325%
100	17.098	4894	4901	4920	rVB3	23565	53580	3.46%	0.514%

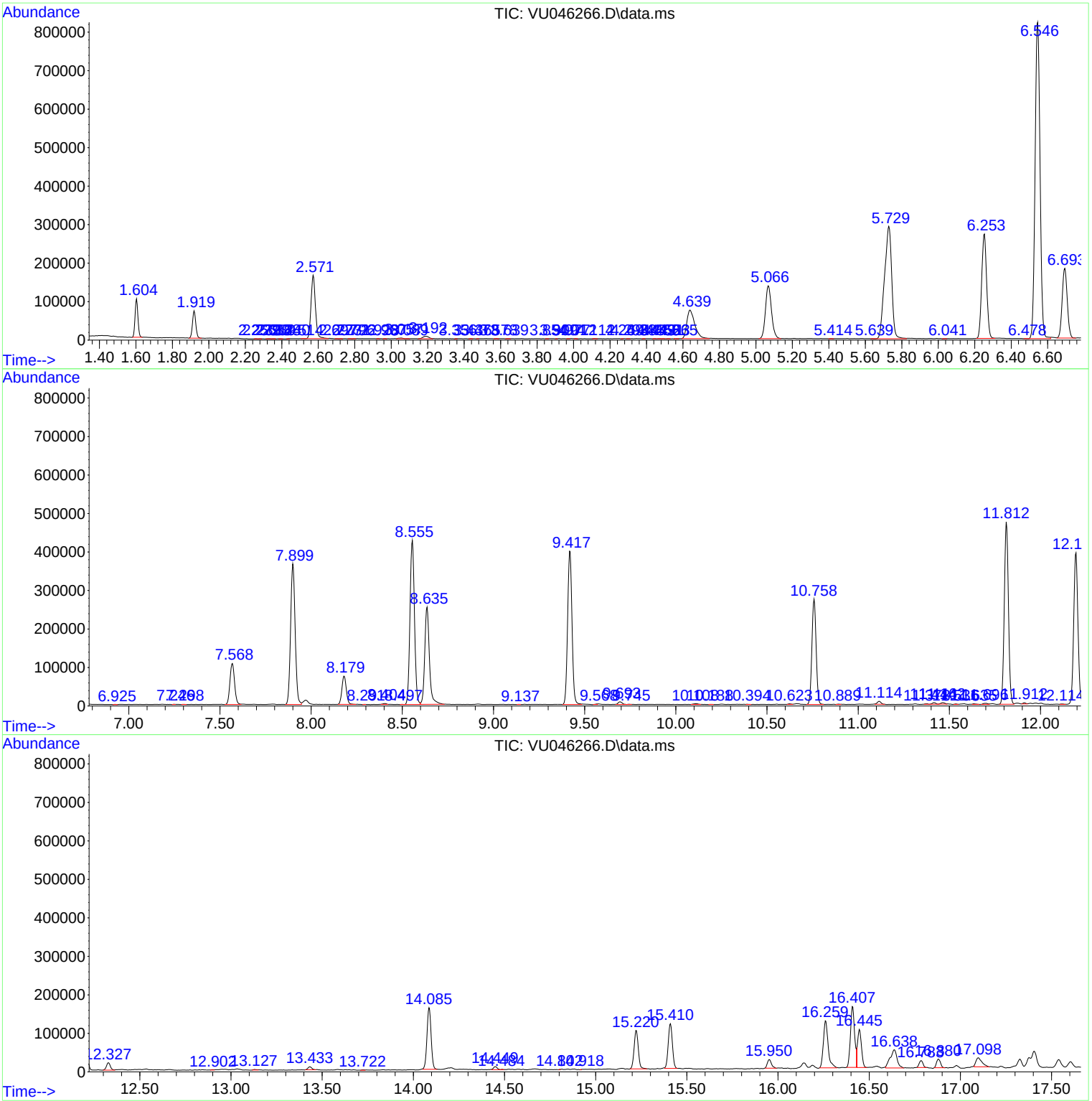
Sum of corrected areas: 10426496

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

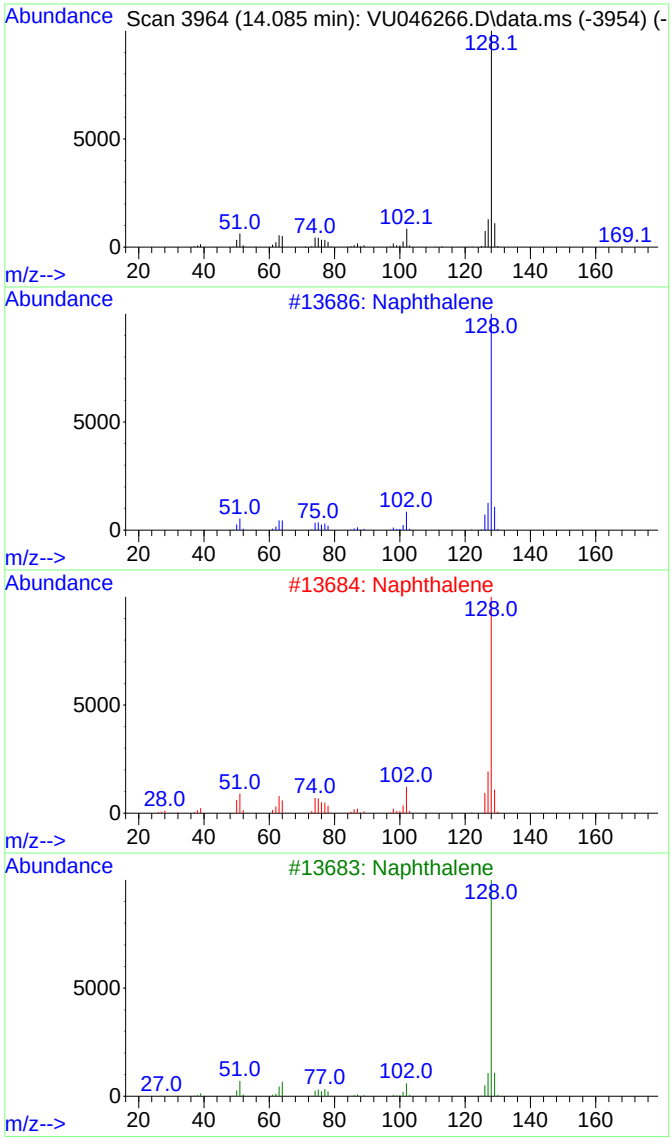
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

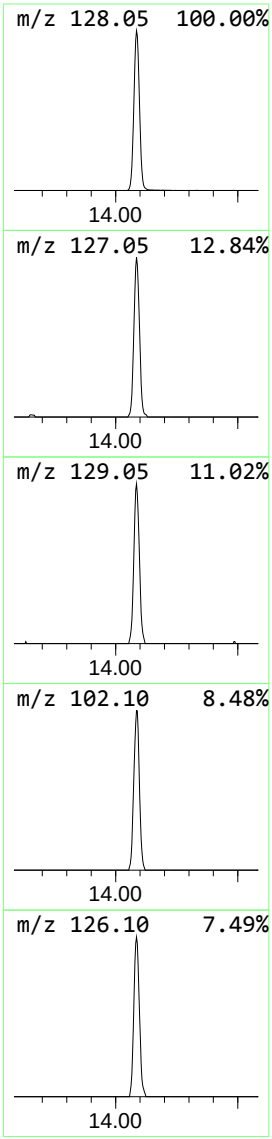
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	16.82 ug/L	250491	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

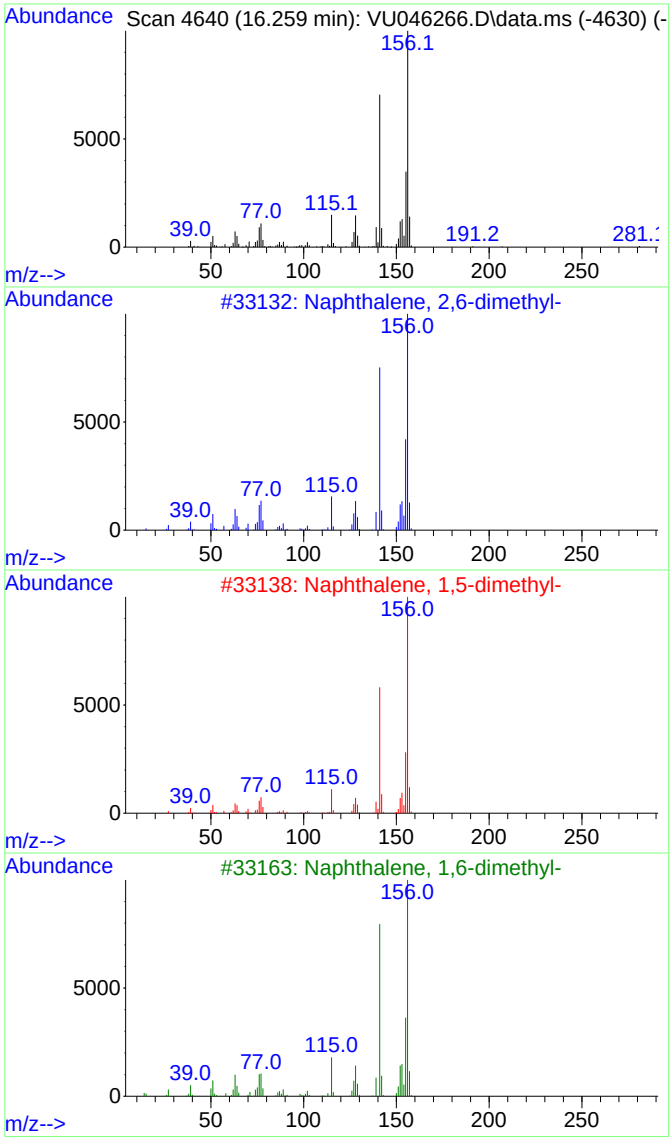
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

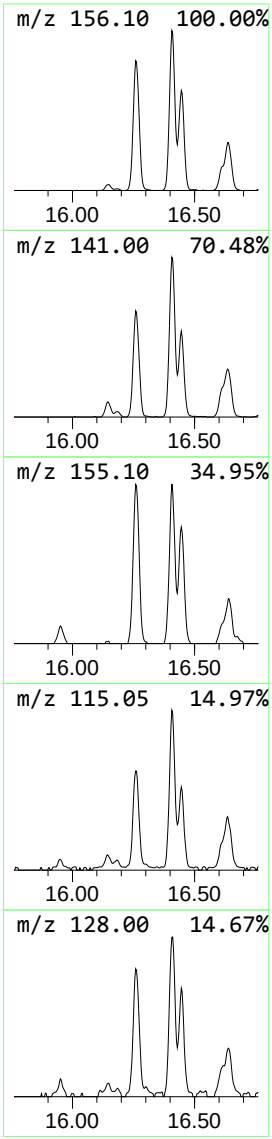
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.259	14.83 ug/L	220868	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

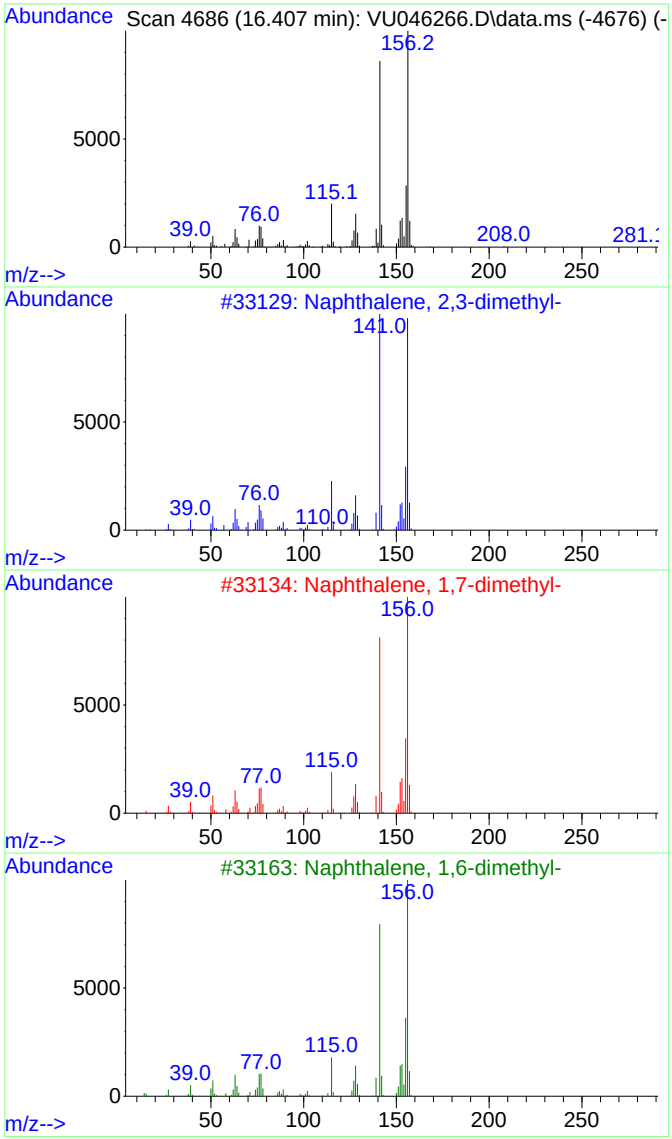
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

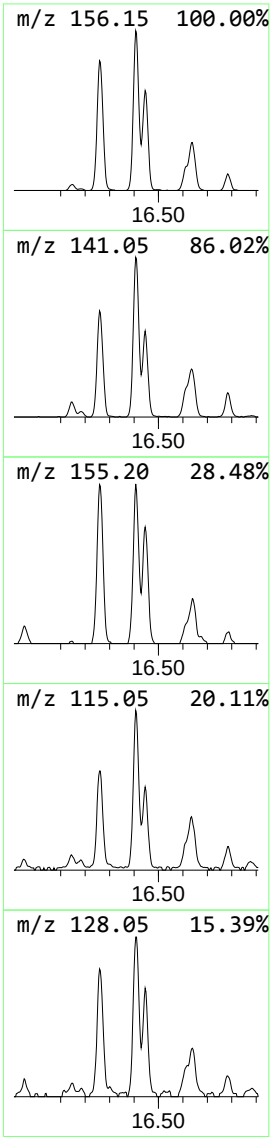
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	16.97 ug/L	252745	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

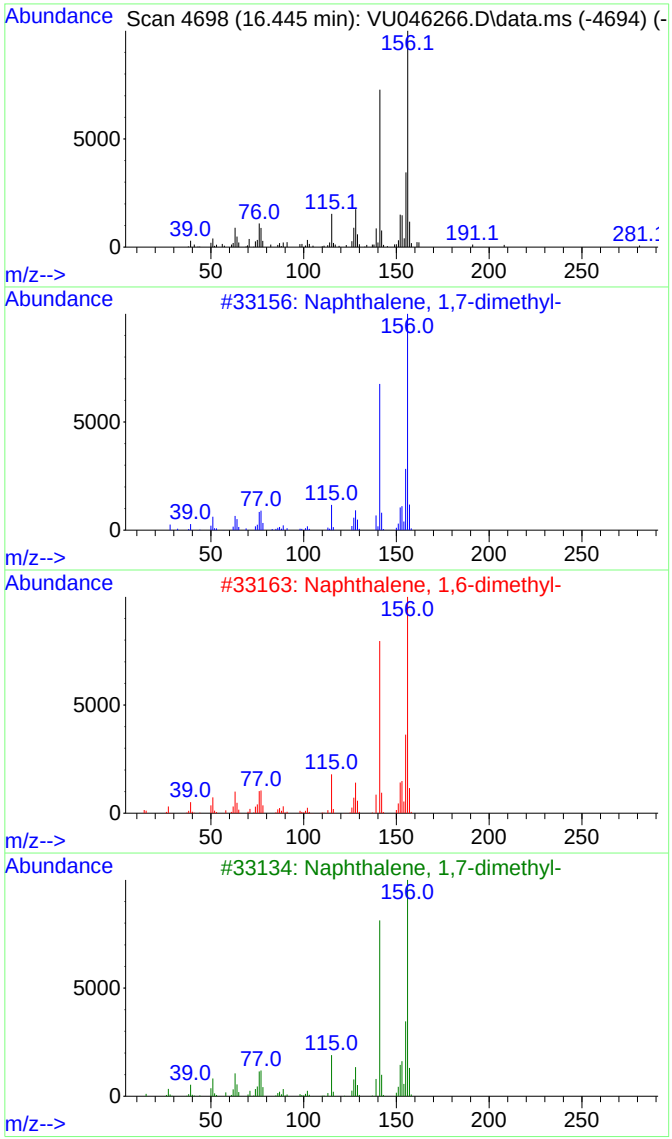
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

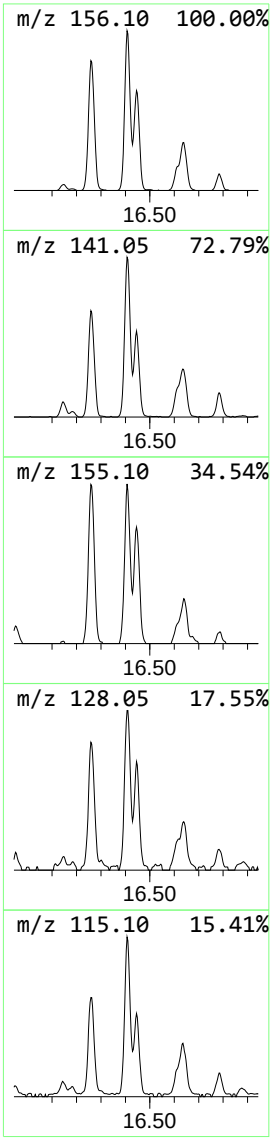
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	9.15 ug/L	136268	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

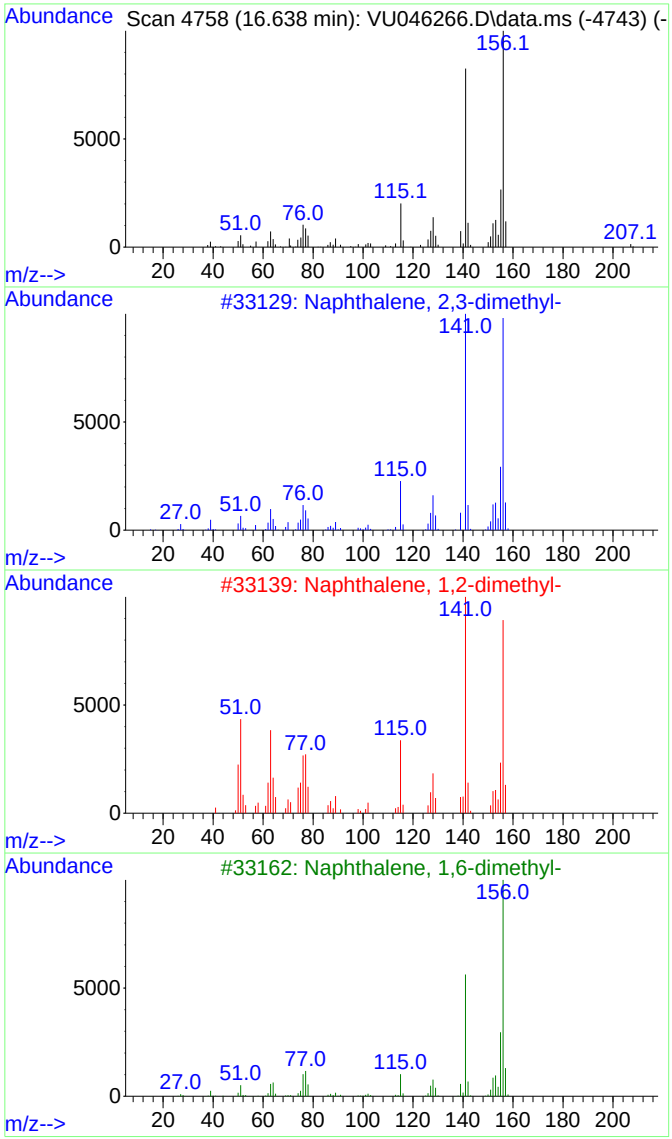
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

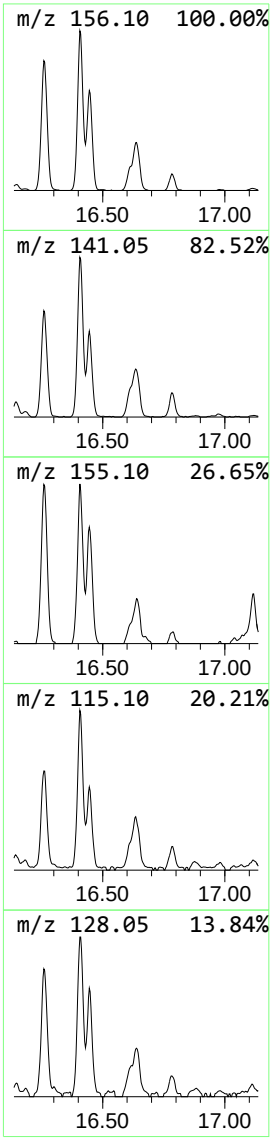
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.638	8.26 ug/L	123039	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

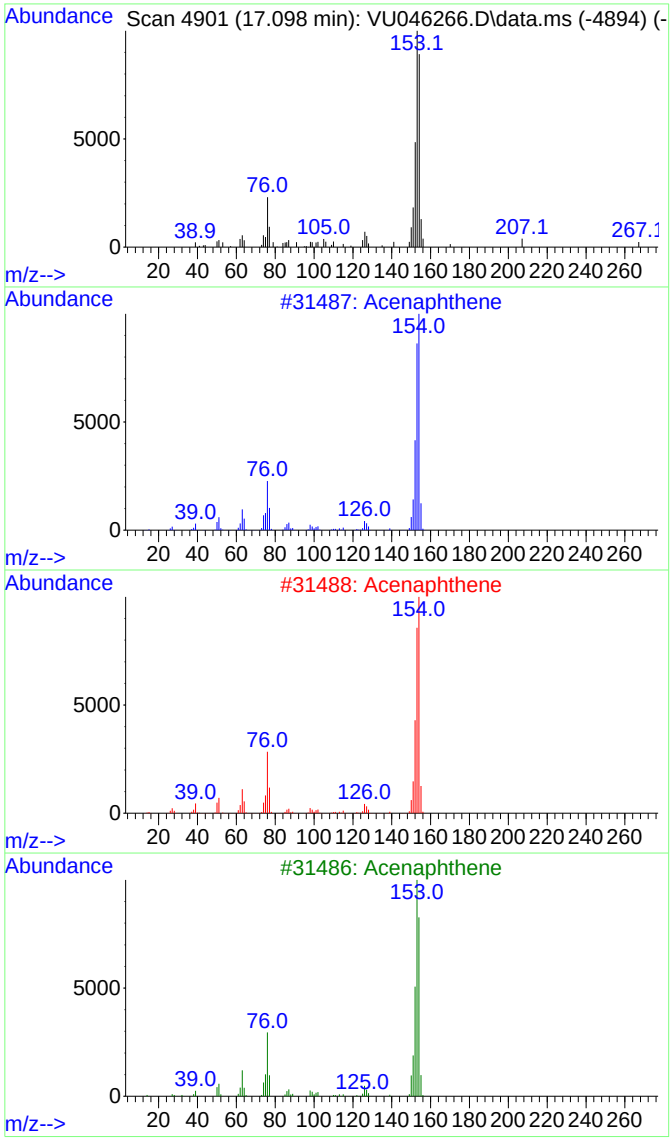
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

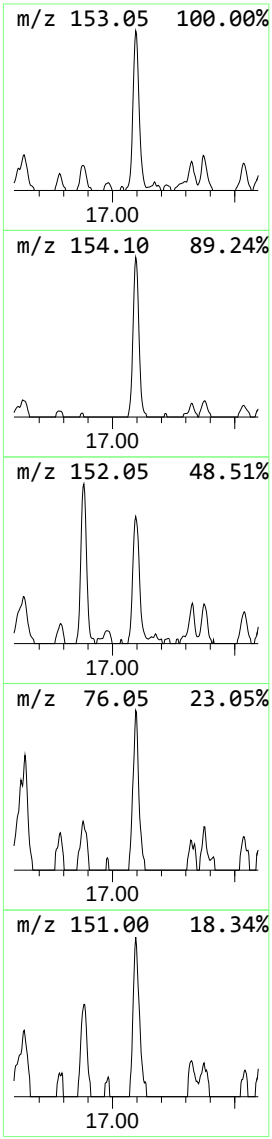
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-ethenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	3.60 ug/L	53580	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	90
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	70
4	Acenaphthene	154	C12H10	000083-32-9	68
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046266.D
Acq On : 10 Dec 2021 15:10
Operator : SY/MD
Sample : M4885-15MEDL 20X
Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW9M2MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Azulene	14.085	16.8	ug/L	250491	3	11.812	744699	50.0
Naphthalene, 2,...	16.259	14.8	ug/L	220868	3	11.812	744699	50.0
Naphthalene, 2,...	16.407	17.0	ug/L	252745	3	11.812	744699	50.0
Naphthalene, 1,...	16.445	9.2	ug/L	136268	3	11.812	744699	50.0
Naphthalene, 1,...	16.638	8.3	ug/L	123039	3	11.812	744699	50.0
Naphthalene, 2-...	17.098	3.6	ug/L	53580	3	11.812	744699	50.0