LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024948.D
Acq On : 19 Oct 2022 19:34
Operator : SY/VA
Sample : N4757-10
Misc : 5.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBWK5

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\SFAMWLM101222SMA.M
Title : SFAM01.0

Signal : TIC: VW024948.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	67	74	83	rBV	111138	183286	9.70%	1.348%
2	2.885	154	161	170	rVB	62499	134490	7.12%	0.989%
3	3.312	229	231	234	rVB3	540	573	0.03%	0.004%
4	3.349	234	237	239	rBV2	406	551	0.03%	0.004%
5	3.379	241	242	245	rBV3	469	411	0.02%	0.003%
6	3.404	245	246	250	rVB	629	448	0.02%	0.003%
7	3.678	289	291	295	rVB5	529	776	0.04%	0.006%
8	3.739	295	301	303	rBV4	494	538	0.03%	0.004%
9	3.904	325	328	329	rBV2	411	373	0.02%	0.003%
10	3.946	333	335	336	rBV2	477	434	0.02%	0.003%
11	4.019	336	347	359	rBV	181558	559069	29.59%	4.110%
12	4.129	359	365	376	rVV	16077	46667	2.47%	0.343%
13	4.233	380	382	383	rBV2	665	612	0.03%	0.004%
14	4.379	398	406	420	rBV2	4986	15518	0.82%	0.114%
15	4.592	439	441	442	rVV	770	553	0.03%	0.004%
16	4.617	444	445	446	rVV	889	527	0.03%	0.004%
17	4.660	449	452	454	rVV3	1427	2041	0.11%	0.015%
18	4.684	454	456	463	rVV2	1780	3026	0.16%	0.022%
19	4.751	465	467	470	rVB	444	437	0.02%	0.003%
20	4.812	474	477	481	rVB2	383	432	0.02%	0.003%
21	4.916	481	494	511	rBV2	46846	163278	8.64%	1.200%
22	5.129	521	529	534	rBV4	1317	3576	0.19%	0.026%
23	5.763	630	633	635	rBV3	444	627	0.03%	0.005%
24	5.781	635	636	642	rVB4	539	1013	0.05%	0.007%
25	5.940	653	662	671	rVV3	9171	26899	1.42%	0.198%
26	6.080	681	685	686	rBV2	275	371	0.02%	0.003%
27	6.318	722	724	728	rVB3	506	704	0.04%	0.005%
28	6.354	728	730	732	rBV2	412	368	0.02%	0.003%
29	6.403	732	738	739	rBV2	1797	2547	0.13%	0.019%
30	6.769	795	798	801	rVB2	484	661	0.03%	0.005%
31	6.903	814	820	828	rVB5	1444	4453	0.24%	0.033%
32	6.976	828	832	836	rBV3	353	522	0.03%	0.004%
33	7.080	840	849	858	rBV	63733	197192	10.44%	1.450%
34	7.397	899	901	905	rVB2	421	587	0.03%	0.004%
35	7.440	905	908	909	rBV2	440	580	0.03%	0.004%
36	7.513	918	920	922	rBV3	387	472	0.02%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBWK5

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\SFAMWLM101222SMA.M
Title : SFAM01.0

37	7.647	932	942	955	rBV	334453	822611	43.53%	6.048%
38	7.885	978	981	984	rVV3	598	928	0.05%	0.007%
39	7.927	986	988	990	rVV2	401	447	0.02%	0.003%
40	7.964	992	994	997	rVB	422	377	0.02%	0.003%
41	8.275	1034	1045	1062	rBV2	637048	1889633	100.00%	13.893%
42	8.842	1129	1138	1155	rVV	607100	1211290	64.10%	8.906%
43	8.976	1157	1160	1163	rVB3	523	542	0.03%	0.004%
44	9.189	1193	1195	1197	rBV2	459	466	0.02%	0.003%
45	9.275	1200	1209	1219	rBV	447012	918351	48.60%	6.752%
46	9.433	1232	1235	1239	rVB2	526	610	0.03%	0.004%
47	9.555	1254	1255	1258	rBV2	510	391	0.02%	0.003%
48	9.598	1258	1262	1264	rVV2	1375	1666	0.09%	0.012%
49	9.659	1267	1272	1278	rBV5	2309	5112	0.27%	0.038%
50	10.031	1325	1333	1344	rBV	212797	391774	20.73%	2.880%
51	10.128	1344	1349	1357	rVB4	2328	4662	0.25%	0.034%
52	10.213	1357	1363	1364	rBV4	827	1126	0.06%	0.008%
53	10.323	1372	1381	1388	rBV	812990	1455660	77.03%	10.702%
54	10.384	1388	1391	1397	rVB2	10059	16908	0.89%	0.124%
55	10.457	1400	1403	1410	rBV2	2894	5825	0.31%	0.043%
56	10.579	1415	1423	1435	rVV	122414	222425	11.77%	1.635%
57	10.658	1435	1436	1439	rVV3	559	526	0.03%	0.004%
58	10.701	1439	1443	1449	rVB2	2860	4611	0.24%	0.034%
59	10.762	1449	1453	1455	rBV5	605	708	0.04%	0.005%
60	10.786	1455	1457	1460	rVB4	631	647	0.03%	0.005%
61	10.860	1467	1469	1473	rVB2	905	932	0.05%	0.007%
62	10.921	1473	1479	1493	rBV	231751	423510	22.41%	3.114%
63	11.061	1497	1502	1511	rVB	20146	36691	1.94%	0.270%
64	11.128	1511	1513	1514	rBV2	718	641	0.03%	0.005%
65	11.244	1529	1532	1533	rBV3	855	932	0.05%	0.007%
66	11.628	1588	1595	1609	rVB	763049	1281926	67.84%	9.425%
67	11.829	1625	1628	1639	rVB5	5508	13061	0.69%	0.096%
68	11.908	1639	1641	1644	rVB3	889	776	0.04%	0.006%
69	11.945	1644	1647	1649	rBV5	669	582	0.03%	0.004%
70	12.067	1665	1667	1669	rBV3	916	1090	0.06%	0.008%
71	12.170	1678	1684	1692	rVB6	5627	12184	0.64%	0.090%
72	12.244	1695	1696	1699	rVB3	1284	908	0.05%	0.007%
73	12.359	1711	1715	1716	rBV2	657	966	0.05%	0.007%
74	12.469	1725	1733	1739	rBV2	15460	29117	1.54%	0.214%
75	12.609	1750	1756	1762	rBV6	7203	15406	0.82%	0.113%
76	12.689	1762	1769	1777	rVV	326012	537550	28.45%	3.952%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK5

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\SFAMWLM101222SMA.M
Title : SFAM01.0

77	12.926	1805	1808	1818	rVB7	10214	20875	1.10%	0.153%
78	12.993	1818	1819	1821	rBV2	729	433	0.02%	0.003%
79	13.256	1855	1862	1863	rBV2	8044	14441	0.76%	0.106%
80	13.463	1893	1896	1904	rVB6	10055	22815	1.21%	0.168%
81	13.554	1904	1911	1920	rBV	583900	933682	49.41%	6.865%
82	13.749	1939	1943	1946	rBV5	6449	10822	0.57%	0.080%
83	13.847	1953	1959	1969	rBV	488601	801350	42.41%	5.892%
84	13.932	1971	1973	1982	rVB7	7596	15703	0.83%	0.115%
85	14.060	1992	1994	1997	rBV2	2209	2171	0.11%	0.016%
86	14.200	2013	2017	2022	rBV5	3666	6383	0.34%	0.047%
87	14.383	2042	2047	2048	rBV5	1965	2883	0.15%	0.021%
88	14.414	2048	2052	2055	rVV2	6627	10101	0.53%	0.074%
89	14.450	2055	2058	2061	rVV2	6062	8209	0.43%	0.060%
90	14.493	2061	2065	2071	rVV6	8100	15410	0.82%	0.113%
91	14.682	2093	2096	2099	rBV2	7767	9226	0.49%	0.068%
92	14.798	2108	2115	2121	rVB3	17874	37829	2.00%	0.278%
93	14.938	2129	2138	2150	rVB	79430	247055	13.07%	1.816%
94	15.060	2153	2158	2163	rBV5	9162	17169	0.91%	0.126%
95	15.359	2203	2207	2212	rVB	44864	76277	4.04%	0.561%
96	15.432	2214	2219	2222	rBV2	10114	20617	1.09%	0.152%
97	15.639	2245	2253	2263	rVB4	29834	99774	5.28%	0.734%
98	16.011	2310	2314	2320	rVB8	12235	24888	1.32%	0.183%
99	16.432	2377	2383	2397	rVB	114076	259542	13.74%	1.908%
100	16.633	2408	2416	2427	rVB	119282	275612	14.59%	2.026%

Sum of corrected areas: 13601447

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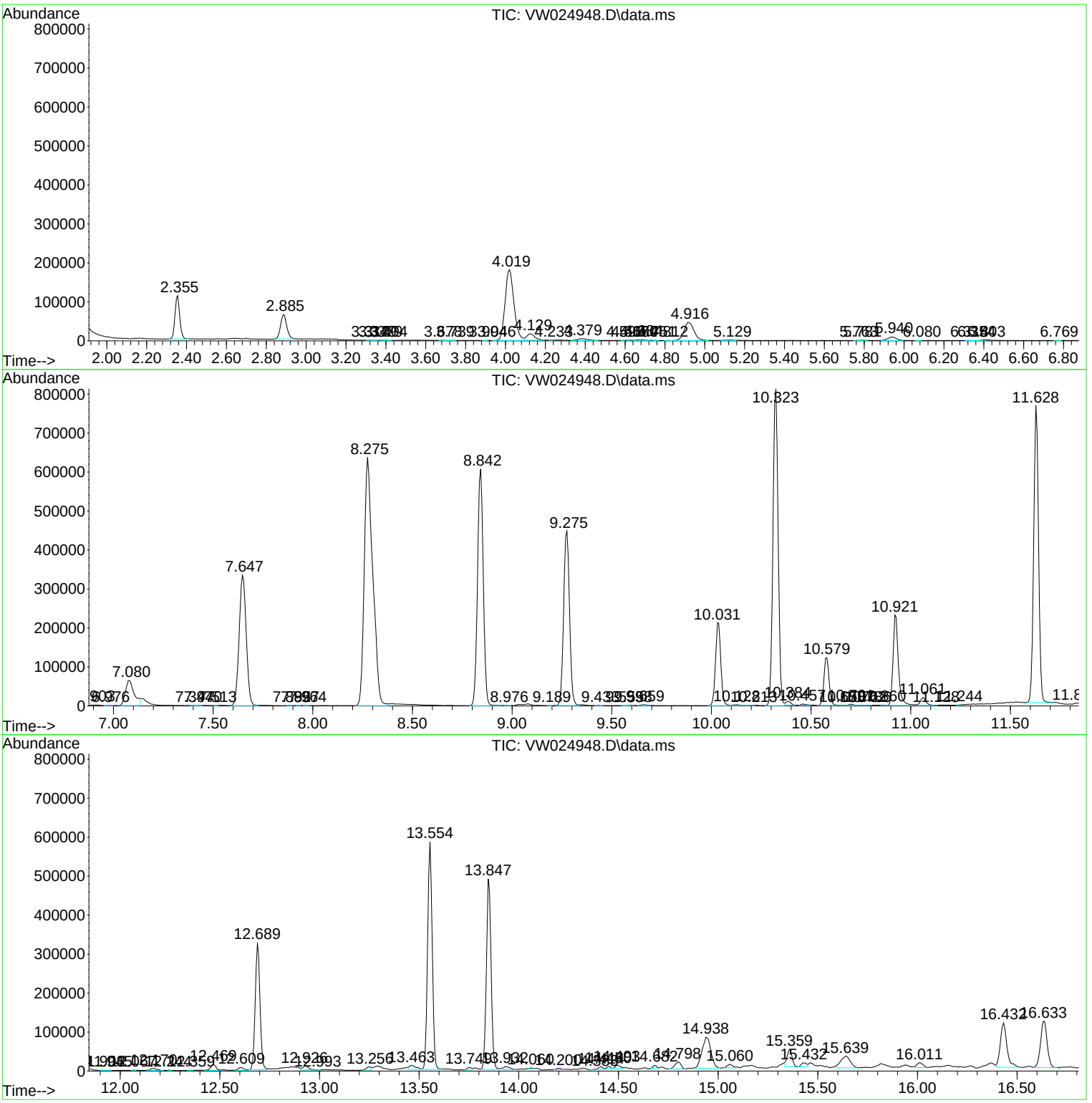
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024948.D
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Operator : SY/VA
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Instrument :
MSVOA_W
ClientSampleId :
DBWK5

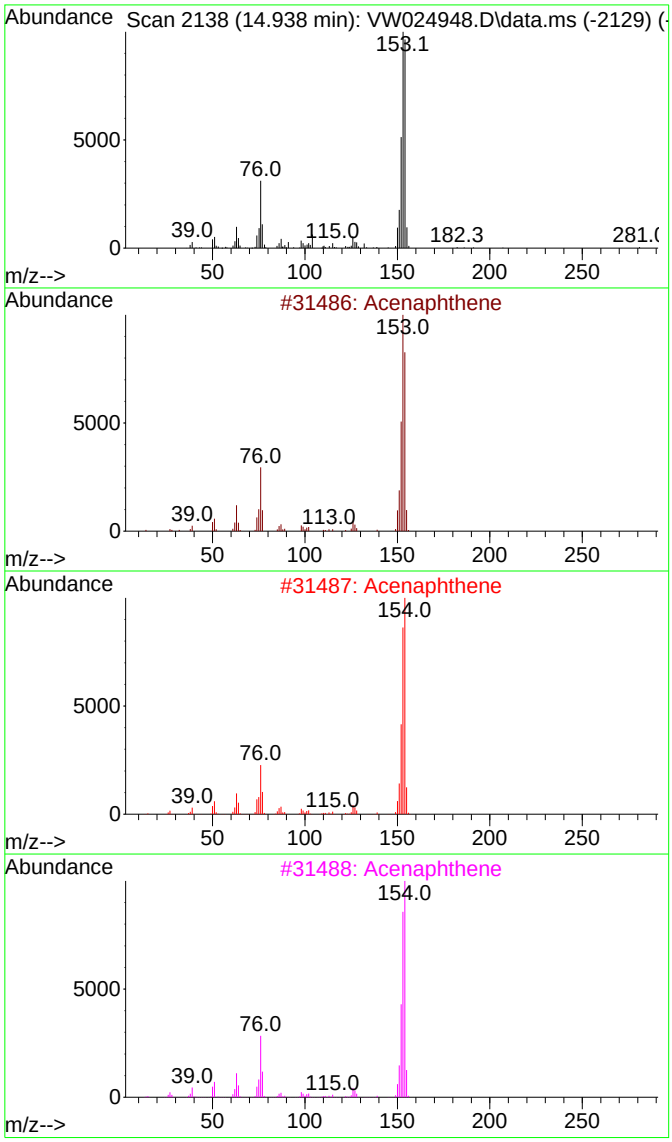
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

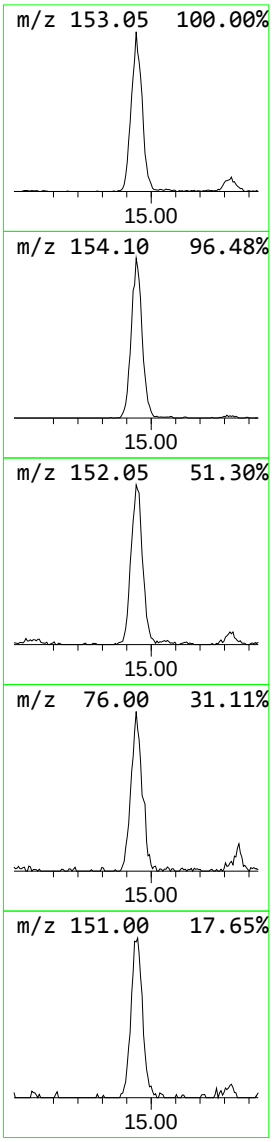
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.938	6.62 ug/L	247055	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	95
2	Acenaphthene	154	C12H10	000083-32-9	94
3	Acenaphthene	154	C12H10	000083-32-9	91
4	Acenaphthene	154	C12H10	000083-32-9	68
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024948.D
Acq On : 19 Oct 2022 19:34
Operator : SY/VA
Sample : N4757-10
Misc : 5.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

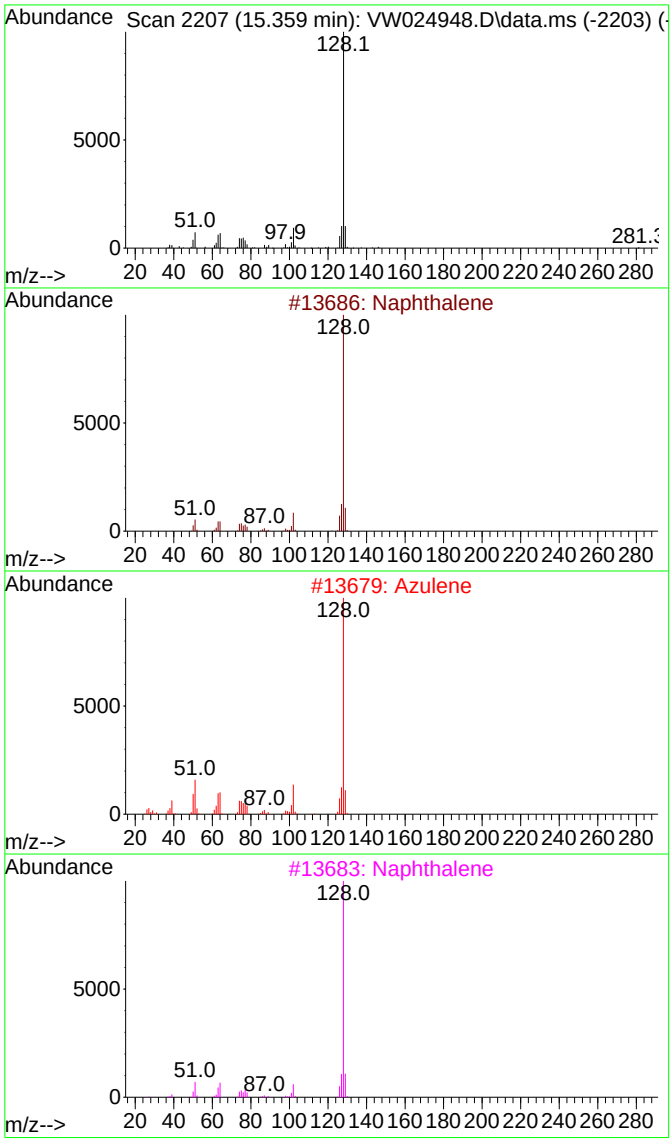
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

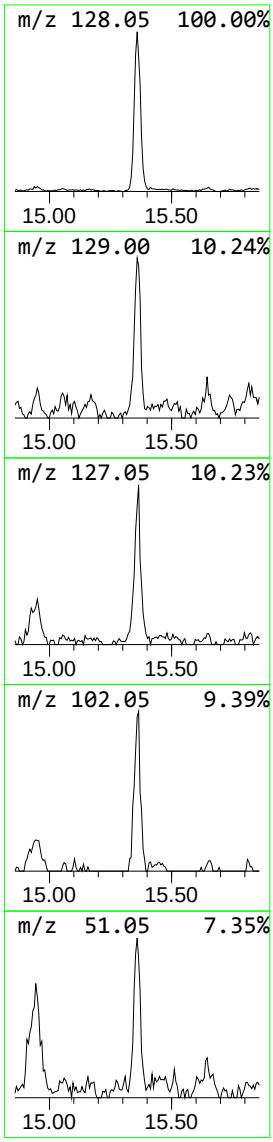
****

Peak Number 3 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	2.04 ug/L	76277	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	91
3	Naphthalene	128	C10H8	000091-20-3	91
4	Naphthalene	128	C10H8	000091-20-3	90
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
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Instrument :
MSVOA_W
ClientSampleId :
DBWK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

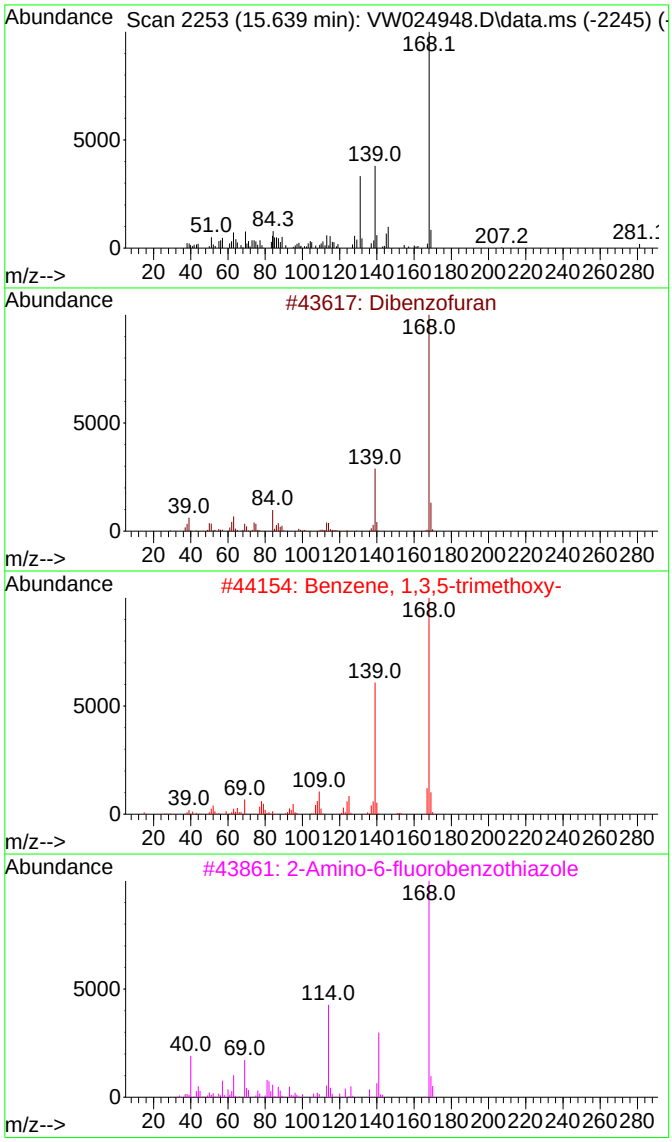
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

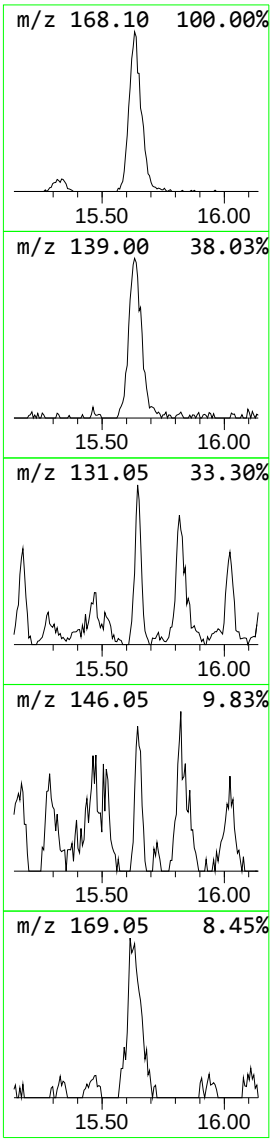
****

Peak Number 4 Dibenzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	2.67 ug/L	99774	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	70
2	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	53
3	2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	43
4	1-Naphthalenecarbonitrile, 4-amino-	168	C11H8N2	058728-64-6	43
5	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	42





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Instrument :
MSVOA_W
ClientSampleId :
DBWK5

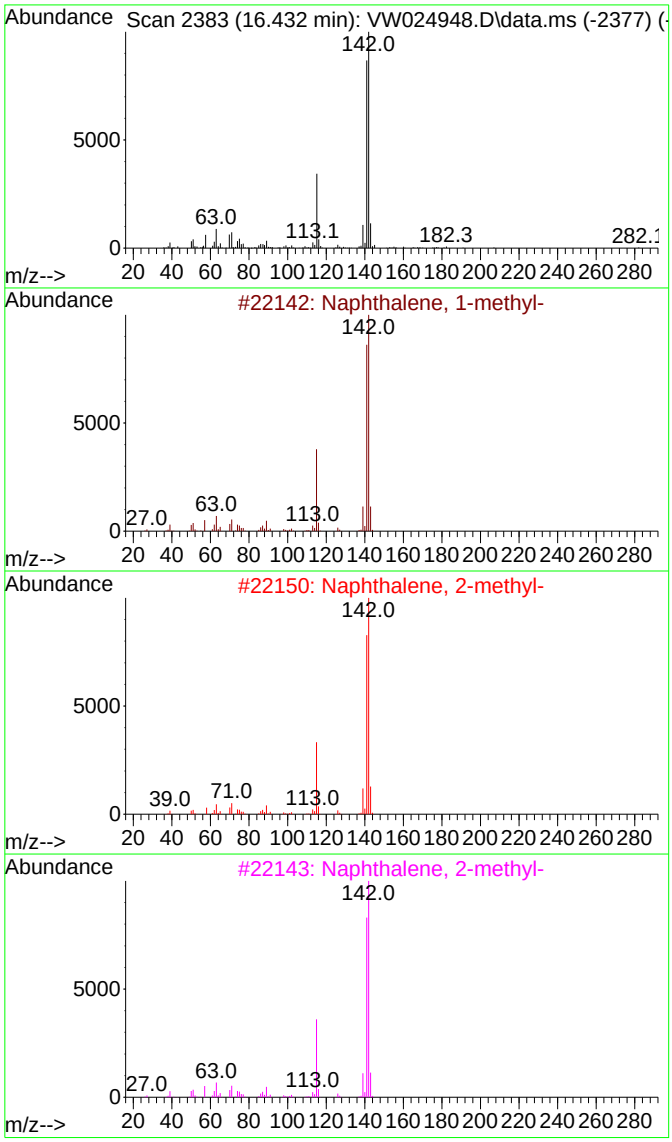
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

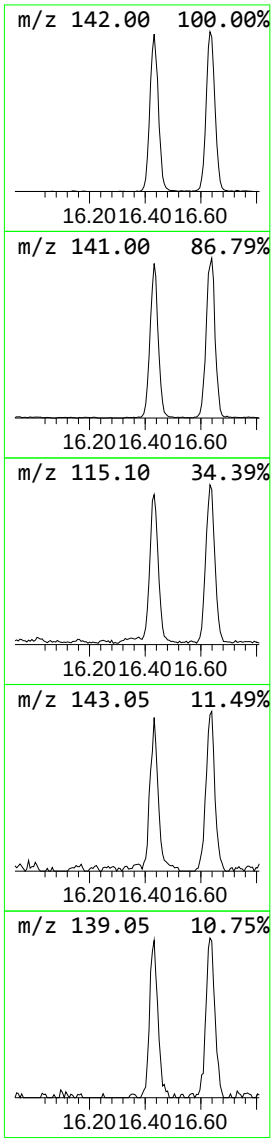
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	6.95 ug/L	259542	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024948.D
Acq On : 19 Oct 2022 19:34
Operator : SY/VA
Sample : N4757-10
Misc : 5.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK5

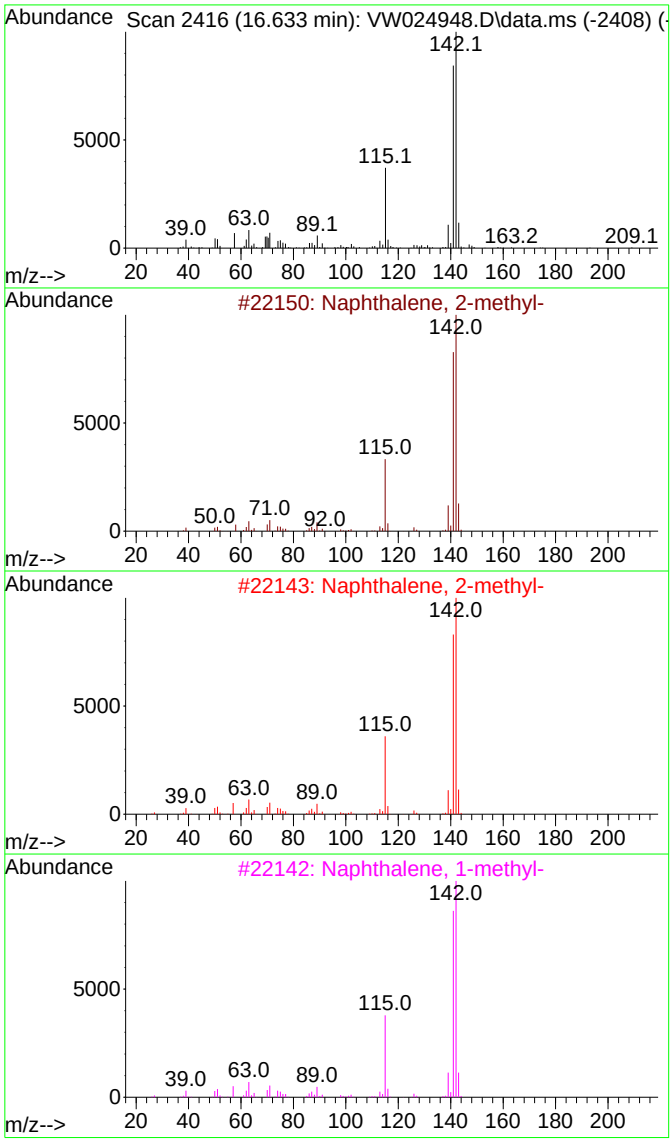
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0

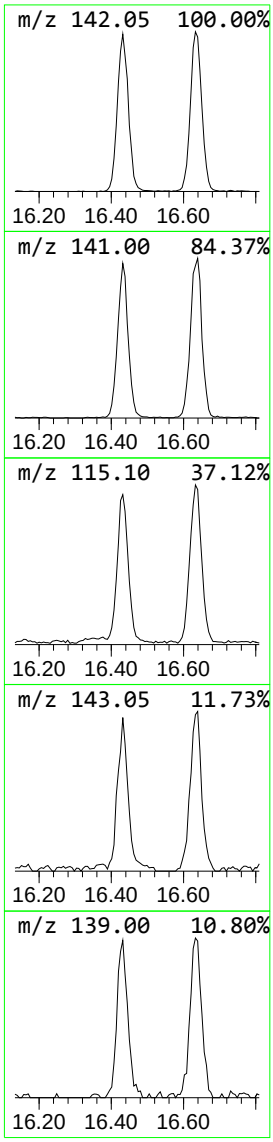
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	7.38 ug/L	275612	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	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024948.D
Acq On : 19 Oct 2022 19:34
Operator : SY/VA
Sample : N4757-10
Misc : 5.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBWK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.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
Acenaphthene	14.938	6.6	ug/L	247055	3	13.554	933682	25.0
Azulene	15.359	2.0	ug/L	76277	3	13.554	933682	25.0
Dibenzofuran	15.639	2.7	ug/L	99774	3	13.554	933682	25.0
Naphthalene, 1-...	16.432	7.0	ug/L	259542	3	13.554	933682	25.0
Naphthalene, 2-...	16.633	7.4	ug/L	275612	3	13.554	933682	25.0