LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W010819S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.953	6	8	17	rVB5	4986	9988	2.31%	0.370%
2	2.361	64	75	86	rBV2	14434	35899	8.30%	1.331%
3	3.044	183	187	197	rVB8	2044	4935	1.14%	0.183%
4	3.684	287	292	301	rVB6	3133	7782	1.80%	0.288%
5	4.135	352	366	374	rBV2	8396	25978	6.01%	0.963%
6	4.909	482	493	506	rBV2	8889	30330	7.02%	1.124%
7	5.428	569	578	579	rBV2	4660	8436	1.95%	0.313%
8	5.940	661	662	673	rVB6	2998	4933	1.14%	0.183%
9	7.171	857	864	872	rVB3	2703	8741	2.02%	0.324%
10	7.885	972	981	986	rBV	56068	134822	31.19%	4.997%
11	7.945	986	991	1001	rVB	100416	217365	50.28%	8.057%
12	8.305	1042	1050	1061	rBV2	57951	132996	30.76%	4.930%
13	8.842	1130	1138	1147	rBV	156533	307309	71.08%	11.391%
14	10.323	1373	1381	1387	rBV	251671	432321	100.00%	16.024%
15	10.390	1387	1392	1400	rVB	62554	112541	26.03%	4.171%
16	11.634	1588	1596	1604	rVV	206142	343918	79.55%	12.748%
17	12.469	1722	1733	1736	rBV7	2104	6193	1.43%	0.230%
18	12.621	1751	1758	1765	rVB	152244	248020	57.37%	9.193%
19	12.884	1794	1801	1803	rBV6	4899	9432	2.18%	0.350%
20	13.353	1866	1878	1892	rBV4	11214	55714	12.89%	2.065%
21	13.493	1892	1901	1906	rVV9	6858	25178	5.82%	0.933%
22	13.560	1906	1912	1922	rVB	182478	295345	68.32%	10.947%
23	13.883	1960	1965	1969	rBV7	3600	8481	1.96%	0.314%
24	13.993	1978	1983	1992	rVB7	5267	14312	3.31%	0.530%
25	14.079	1992	1997	2011	rVB2	6350	15914	3.68%	0.590%
26	14.335	2033	2039	2044	rBV8	3470	6550	1.52%	0.243%
27	14.554	2065	2075	2077	rBV9	3229	8400	1.94%	0.311%
28	14.981	2130	2145	2158	rBV2	33758	127177	29.42%	4.714%
29	15.499	2224	2230	2237	rVV10	3210	8846	2.05%	0.328%
30	15.560	2237	2240	2246	rVB7	2591	4332	1.00%	0.161%
31	15.694	2253	2262	2276	rVB4	10801	45696	10.57%	1.694%

Sum of corrected areas: 2697884

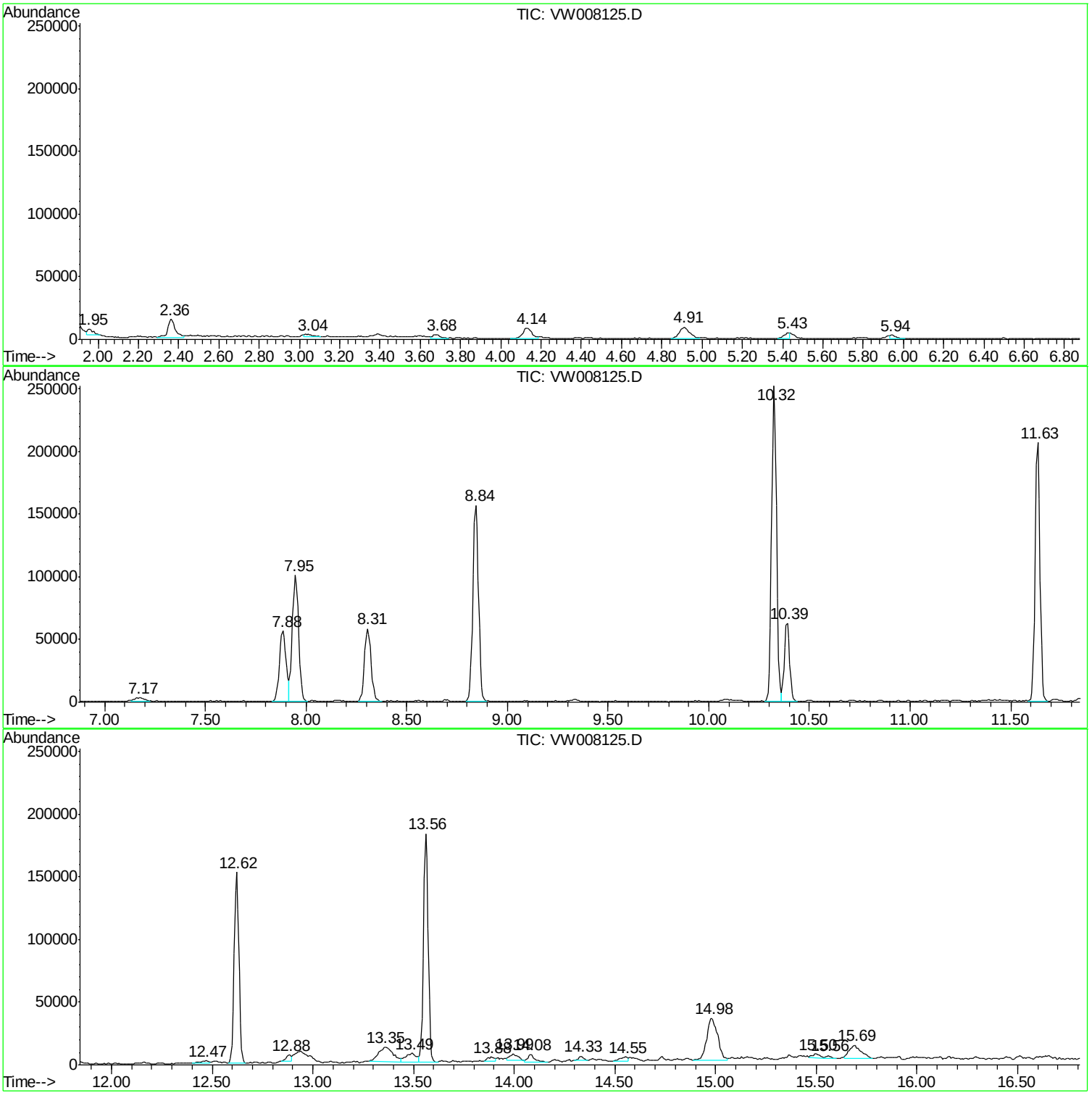
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

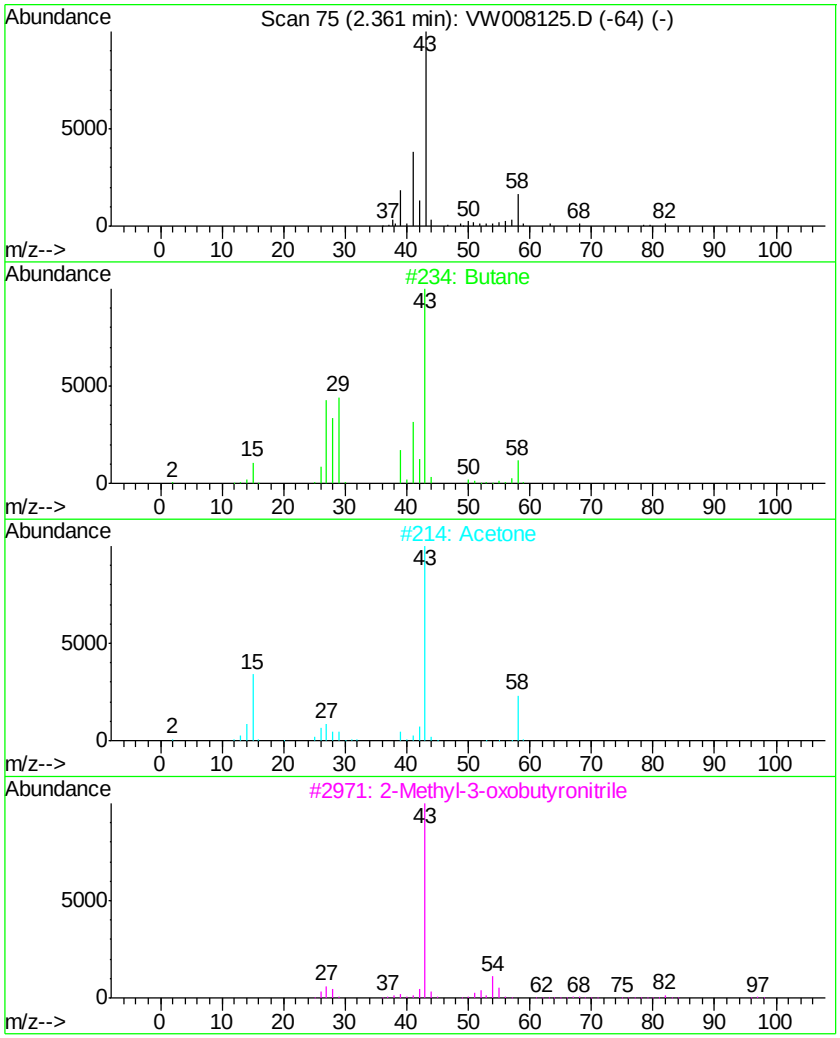
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

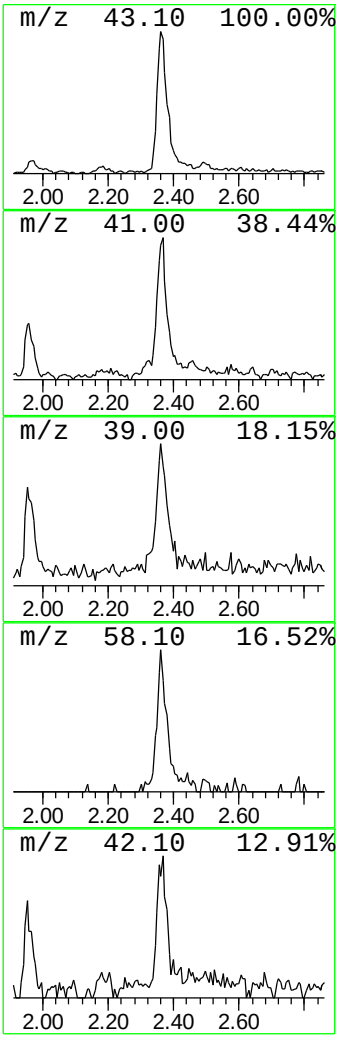
****

Peak Number 1 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	8.26 ug/l	35899	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Acetone	58	C3H6O	000067-64-1	5
3	2-Methyl-3-oxobutyronitrile	97	C5H7NO	004468-47-7	4
4	Hydrogen azide	43	HN3	007782-79-8	4
5	Isobutane	58	C4H10	000075-28-5	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

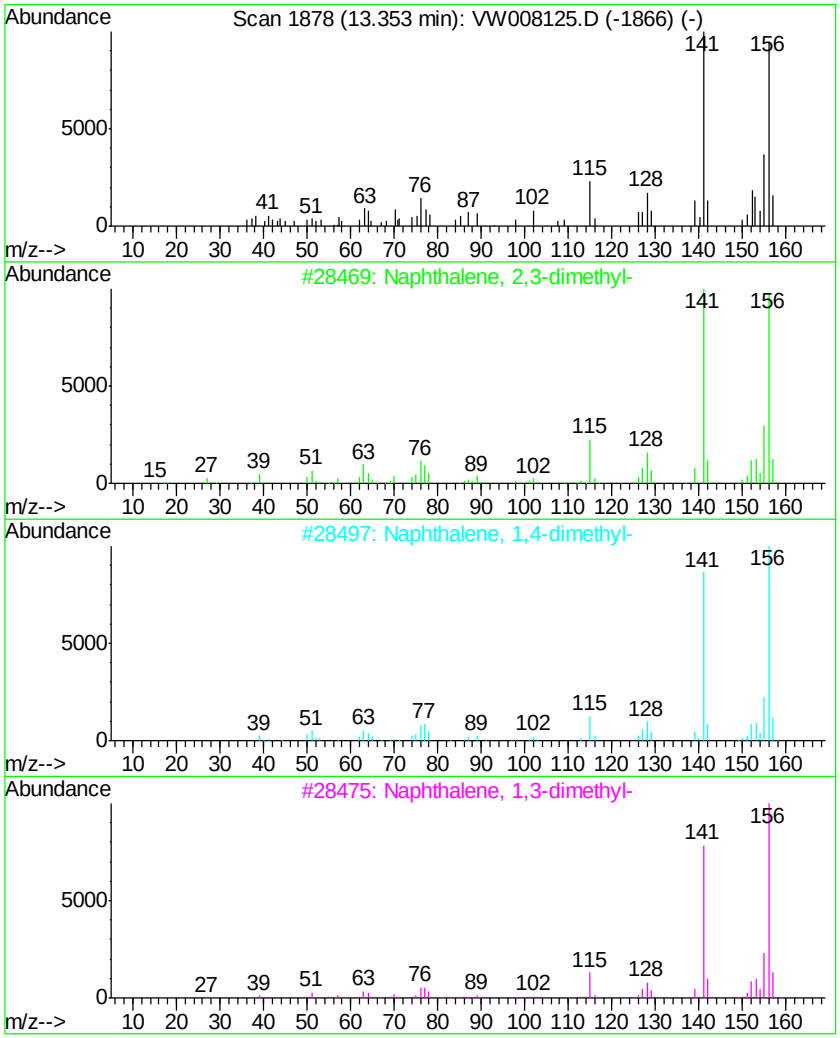
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

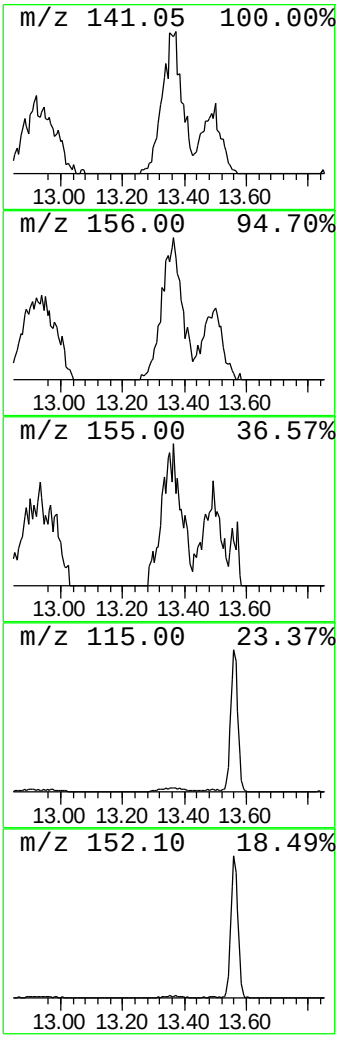
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	9.43 ug/l	55714	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

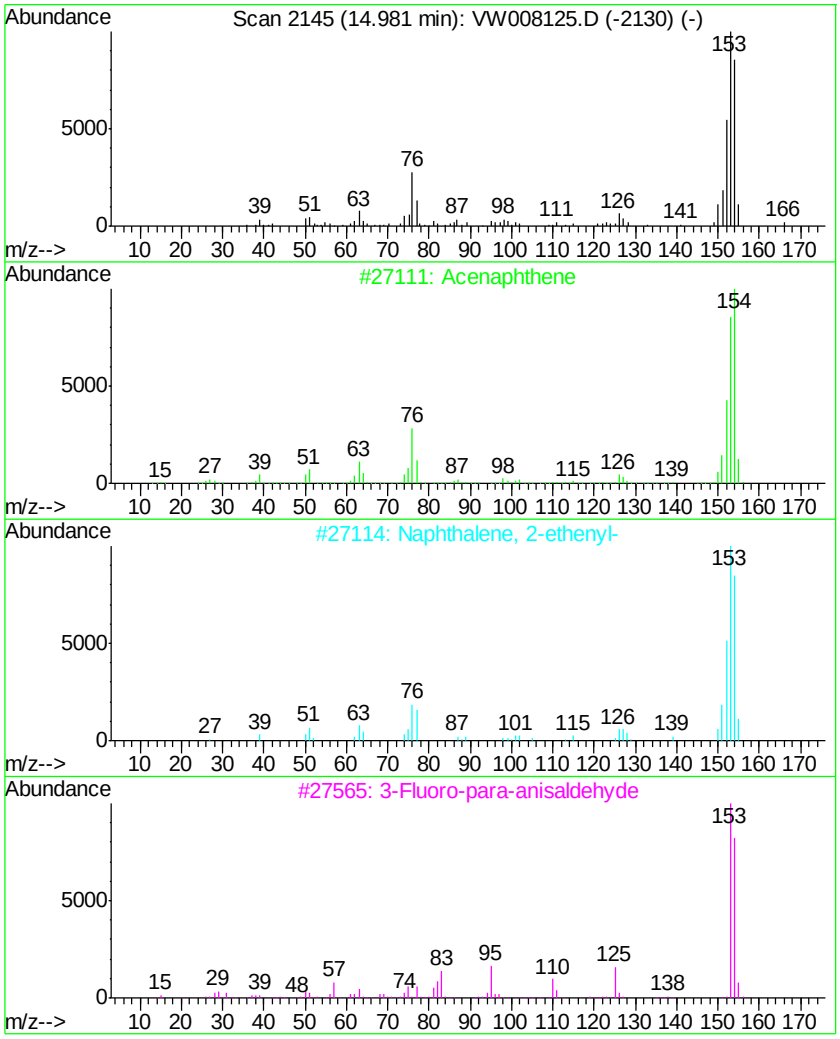
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

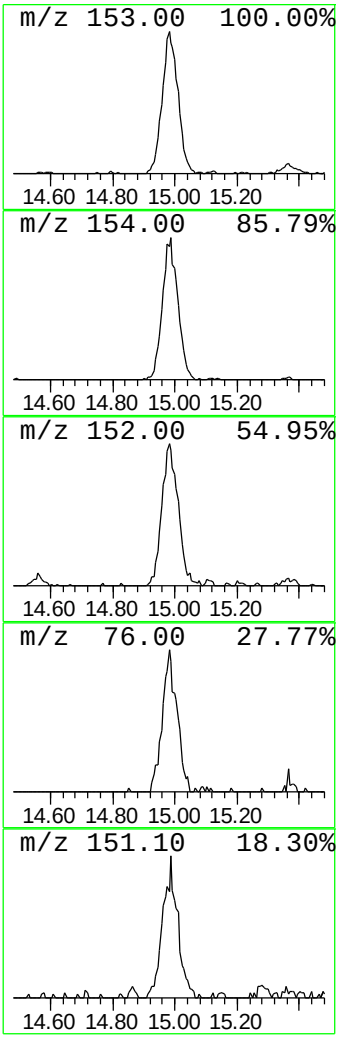
****

Peak Number 3 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	21.53 ug/l	127177	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	91
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	49
4	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47
5	Thieno[2,3-b]thiophene,2-methyl-	154	C7H6S2	013393-75-4	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

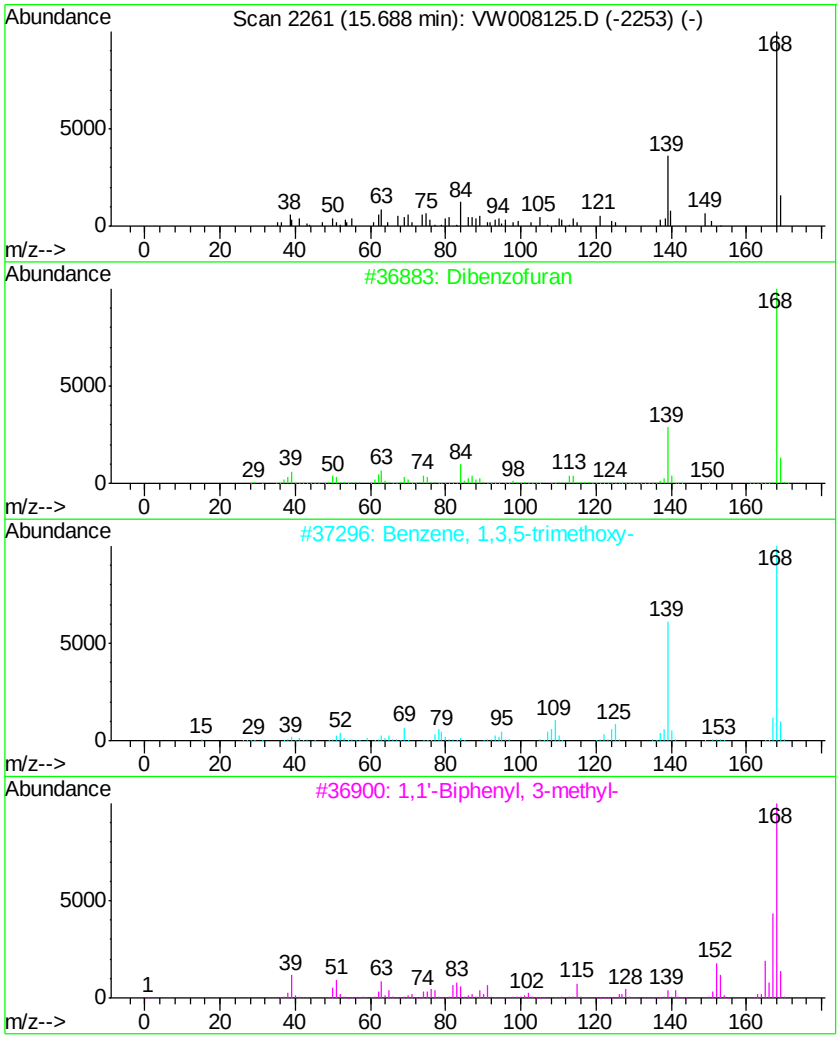
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

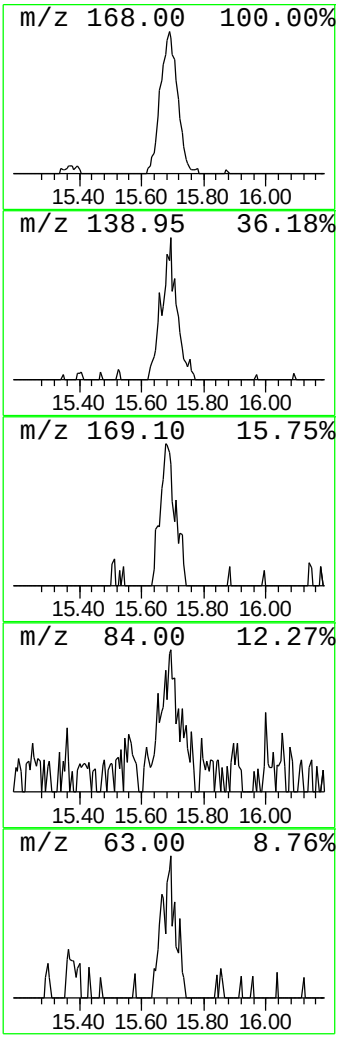
****

Peak Number 4 Dibenzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	7.74 ug/l	45696	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	80
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	47
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008125.D
Acq On : 10 Jan 2019 02:45
Operator : SY/AP
Sample : K1082-01
Misc : 4.99G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SP-1-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	2.36	8.3	ug/l	35899	1	7.95	217365	50.0
Naphthalene, 2,3-...	13.35	9.4	ug/l	55714	4	13.56	295345	50.0
Acenaphthene	14.98	21.5	ug/l	127177	4	13.56	295345	50.0
Dibenzofuran	15.69	7.7	ug/l	45696	4	13.56	295345	50.0