LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006168.D
Acq On : 18 Oct 2018 11:24
Operator : VA/AP
Sample : J5574-02
Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

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\82W101518S.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	7.952	986	992	1000	rVB3	10096	21788	1.13%	0.232%
2	8.848	1131	1139	1149	rVB	11990	24694	1.28%	0.263%
3	10.329	1376	1382	1389	rBV	14949	28663	1.48%	0.306%
4	11.445	1551	1565	1567	rBV2	23661	73890	3.83%	0.788%
5	12.371	1709	1717	1718	rBV6	15324	33190	1.72%	0.354%
6	12.493	1724	1737	1765	rVB4	71935	611717	31.68%	6.521%
7	12.951	1791	1812	1845	rVB2	246344	1835728	95.07%	19.570%
8	13.365	1865	1880	1892	rBV	414225	1930877	100.00%	20.585%
9	13.493	1893	1901	1919	rVB	239005	973861	50.44%	10.382%
10	13.914	1960	1970	1975	rBV3	73102	262097	13.57%	2.794%
11	13.993	1977	1983	1996	rVV2	157191	559196	28.96%	5.962%
12	14.115	1996	2003	2013	rVB5	19354	64915	3.36%	0.692%
13	14.335	2029	2039	2064	rVB	117168	450672	23.34%	4.805%
14	14.578	2069	2079	2090	rVB4	63337	209732	10.86%	2.236%
15	14.792	2109	2114	2126	rVB4	27667	77470	4.01%	0.826%
16	14.987	2135	2146	2159	rVB2	250089	972444	50.36%	10.367%
17	15.121	2159	2168	2175	rBV	49467	162052	8.39%	1.728%
18	15.298	2190	2197	2203	rBV3	15410	44254	2.29%	0.472%
19	15.377	2204	2210	2218	rVV2	21304	57226	2.96%	0.610%
20	15.536	2221	2236	2248	rVB3	47431	217623	11.27%	2.320%
21	15.682	2248	2260	2279	rVB3	95025	455254	23.58%	4.853%
22	15.993	2302	2311	2325	rVB5	29541	129951	6.73%	1.385%
23	16.163	2331	2339	2351	rVB5	19815	67188	3.48%	0.716%
24	16.395	2371	2377	2383	rBV5	9851	29305	1.52%	0.312%
25	16.474	2384	2390	2406	rVB7	18663	86298	4.47%	0.920%

Sum of corrected areas: 9380085

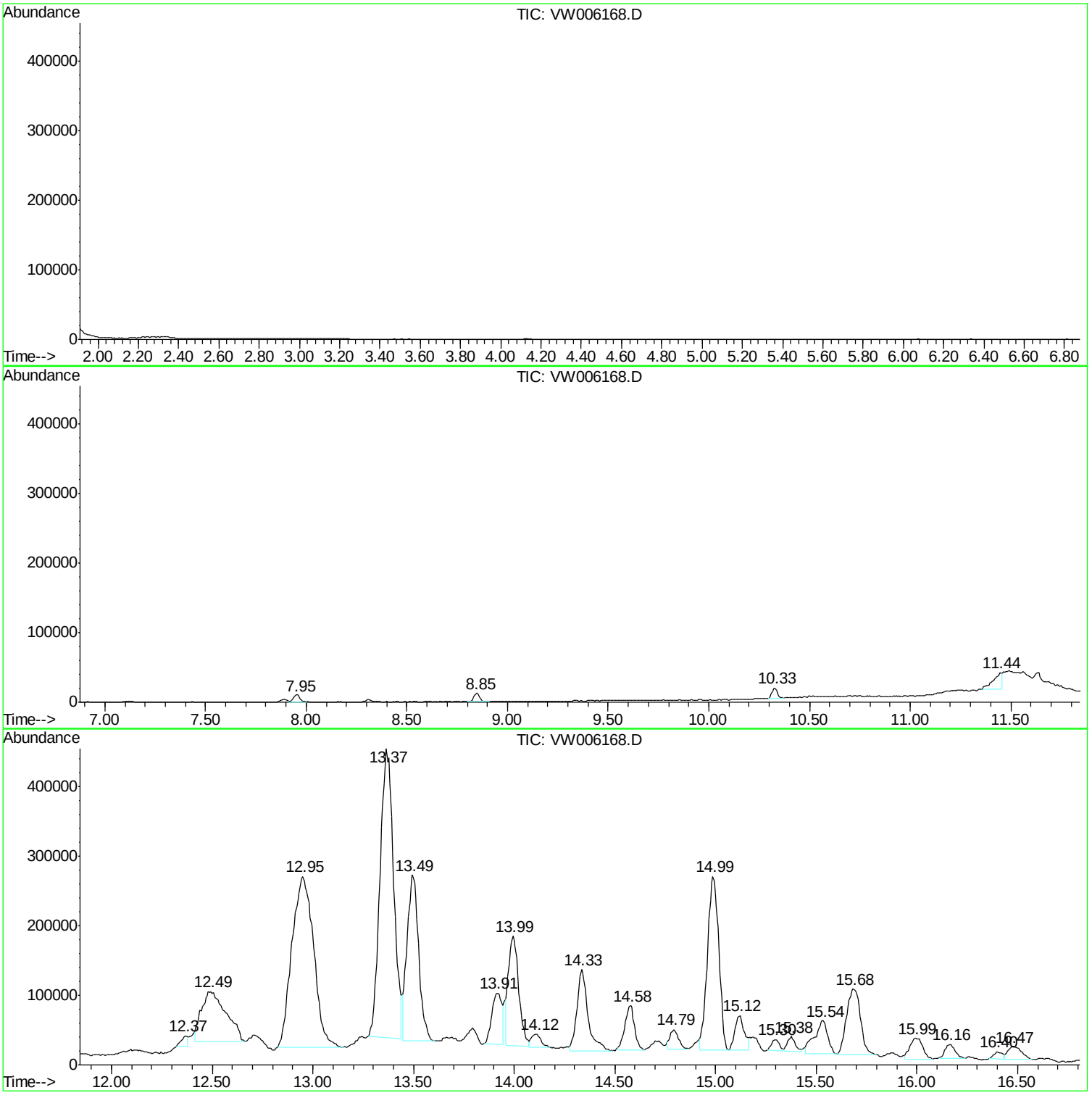
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006168.D
Acq On : 18 Oct 2018 11:24
Operator : VA/AP
Sample : J5574-02
Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006168.D
Acq On : 18 Oct 2018 11:24
Operator : VA/AP
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Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

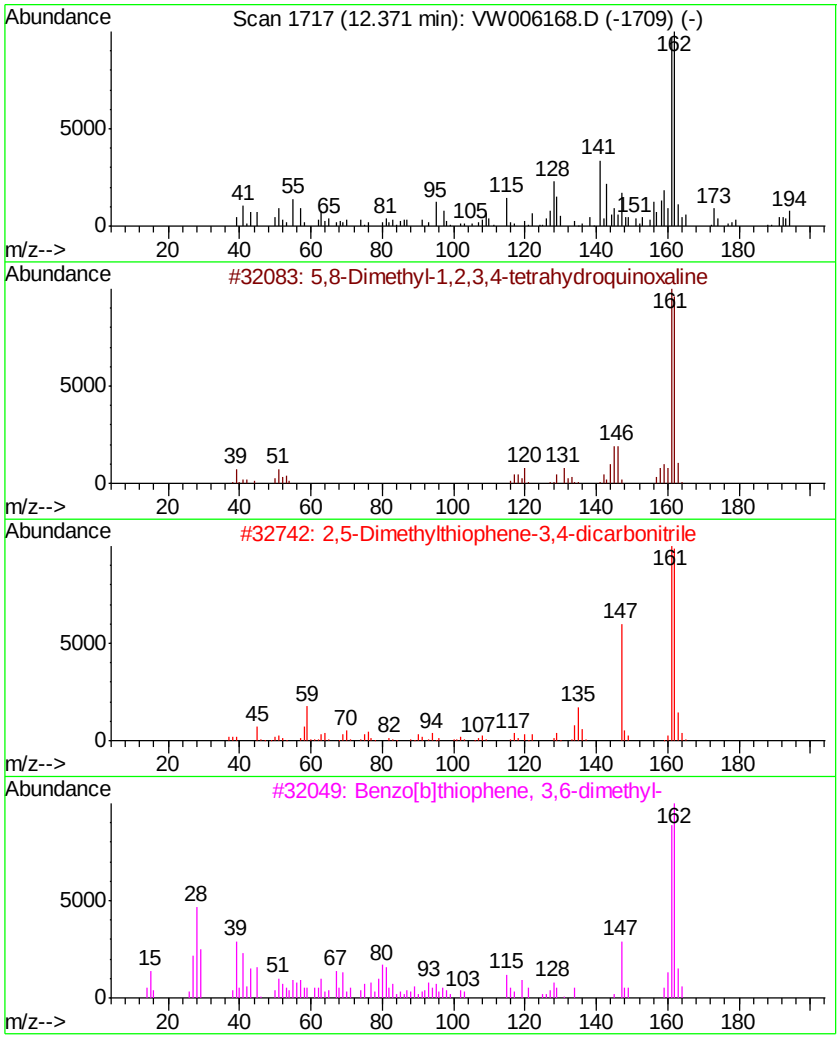
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

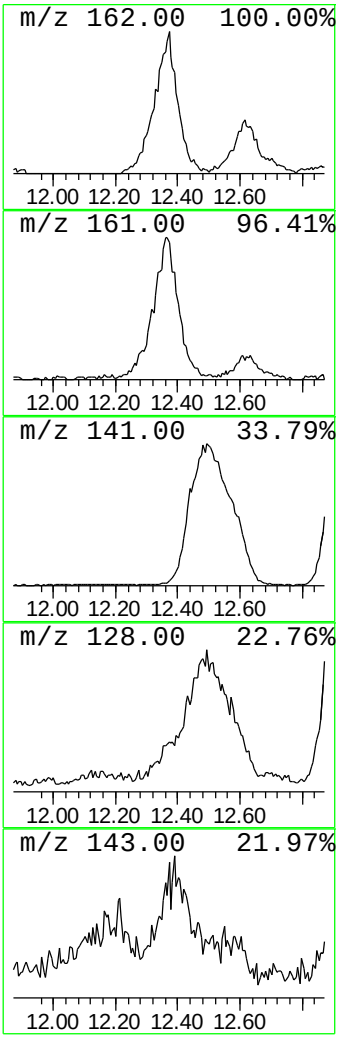
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5,8-Dimethyl-1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	22.46 ug/l	33190	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	58
2	2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	50
3	Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	40
4	4-Methoxycinnamaldehyde	162	C10H10O2	001963-36-6	40
5	Phenol, 3-(trifluoromethyl)-	162	C7H5F3O	000098-17-9	38





Library Search Compound Report

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Data File : VW006168.D
Acq On : 18 Oct 2018 11:24
Operator : VA/AP
Sample : J5574-02
Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

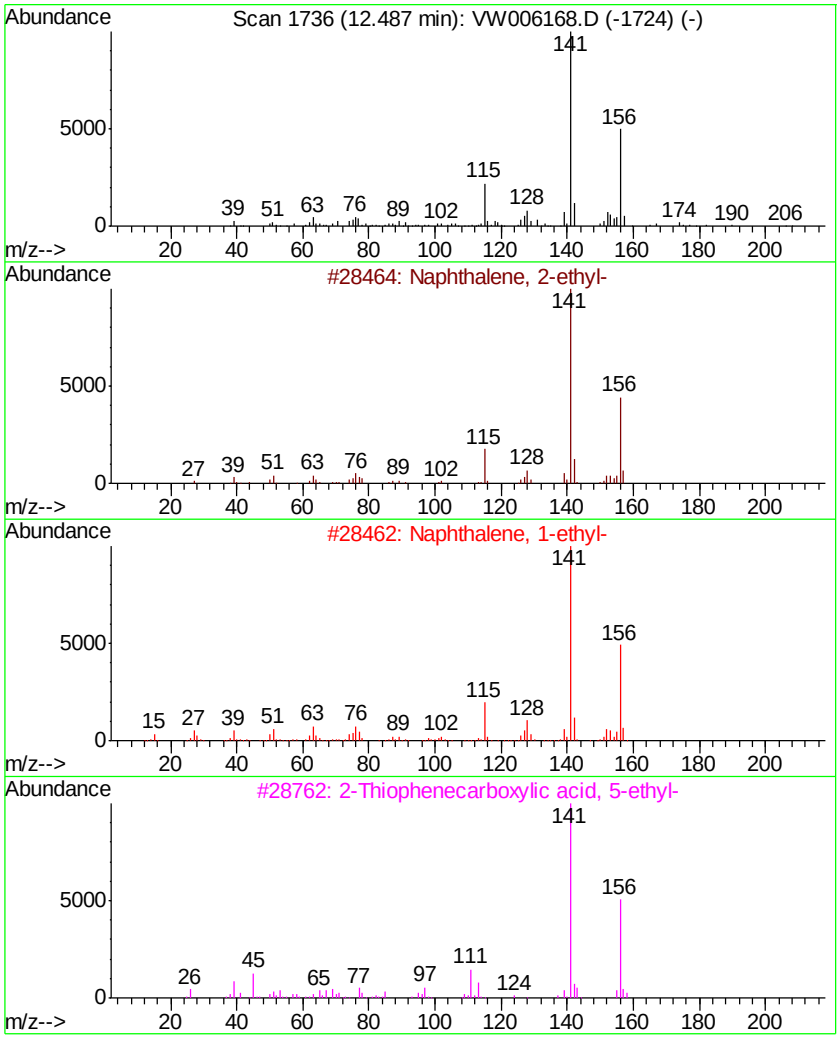
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

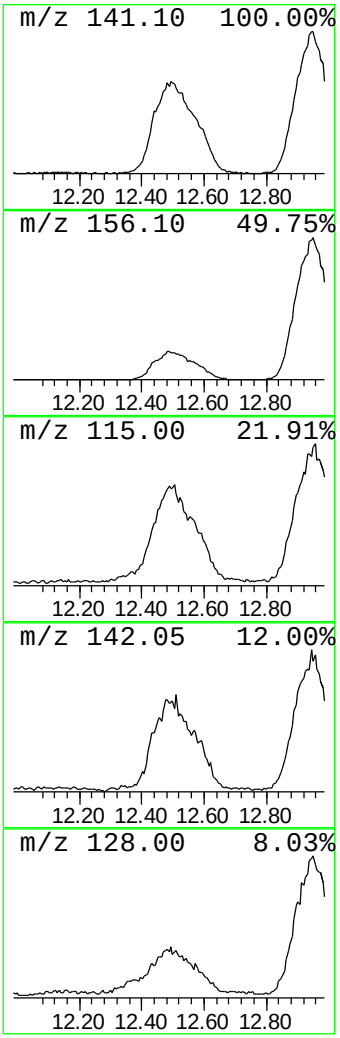
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	413.94 ug/l	611717	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Butethal	212	C10H16N2O3	000077-28-1	59
5	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53





Library Search Compound Report

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Data File : VW006168.D
Acq On : 18 Oct 2018 11:24
Operator : VA/AP
Sample : J5574-02
Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

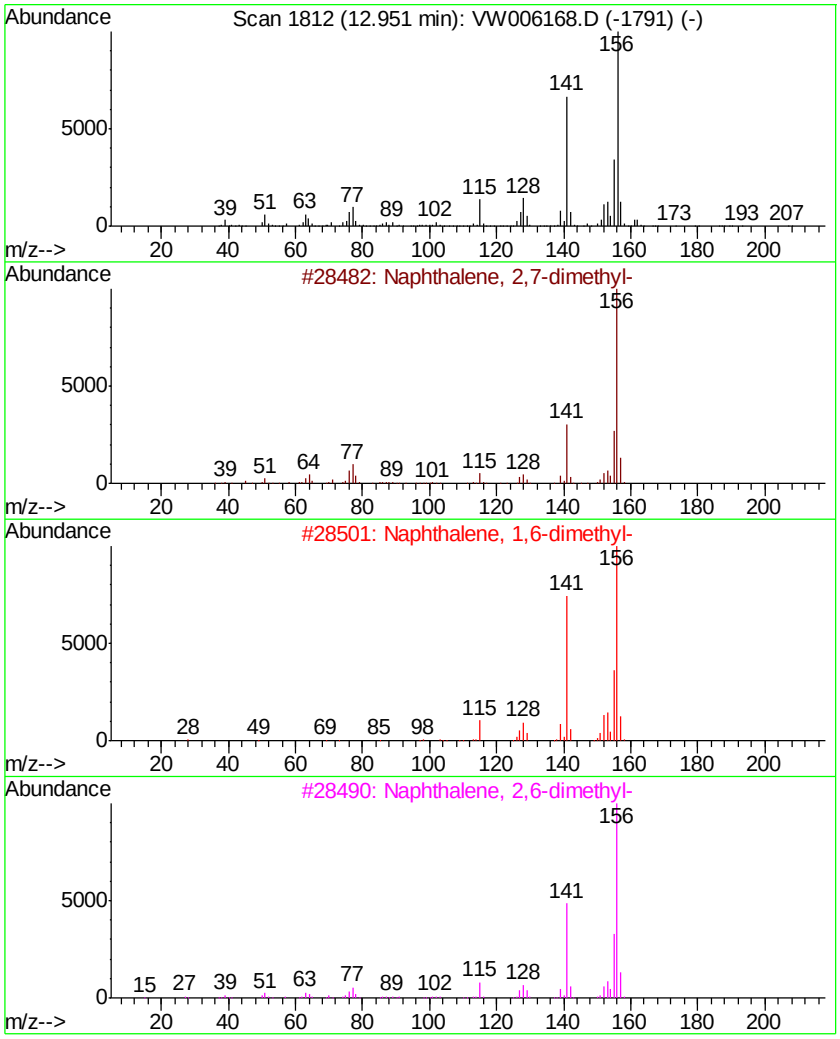
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

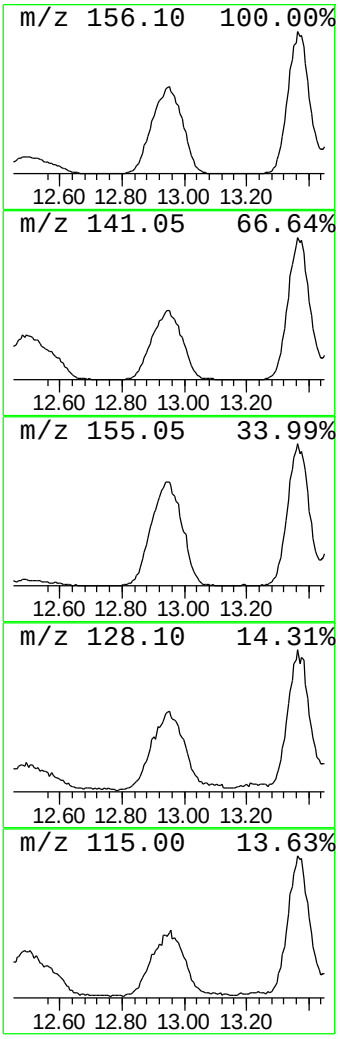
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	94.25 ug/l	1835730	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006168.D
Acq On : 18 Oct 2018 11:24
Operator : VA/AP
Sample : J5574-02
Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

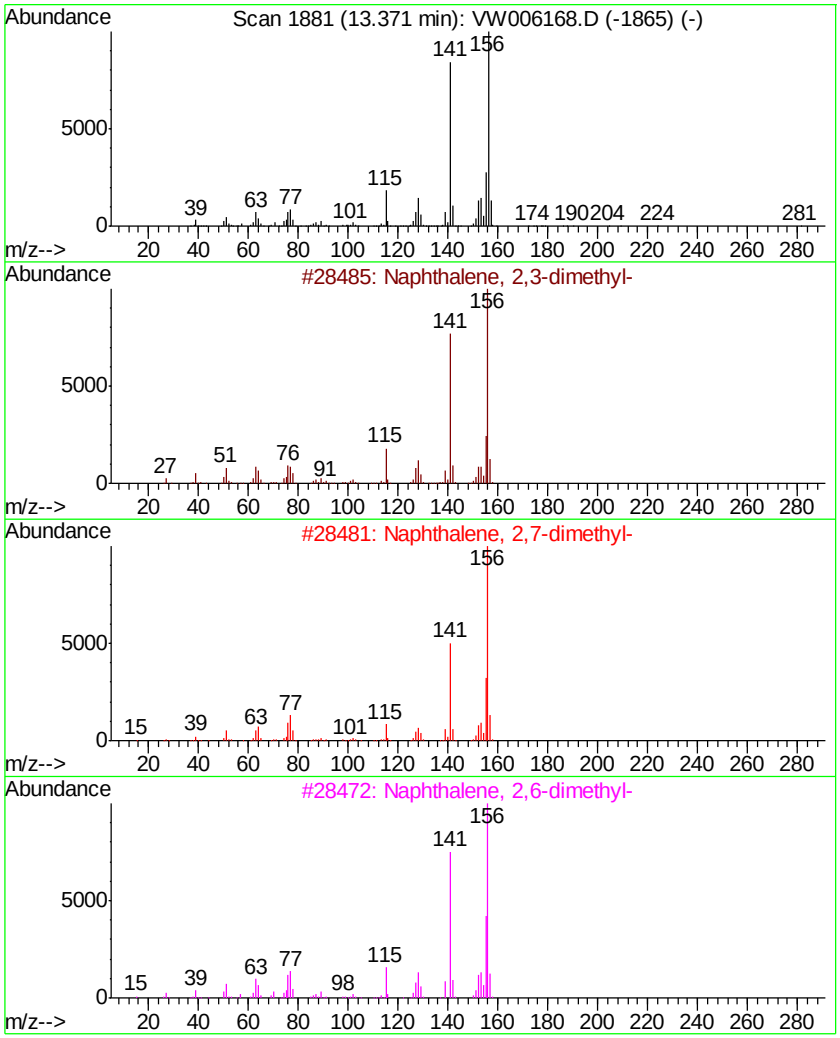
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

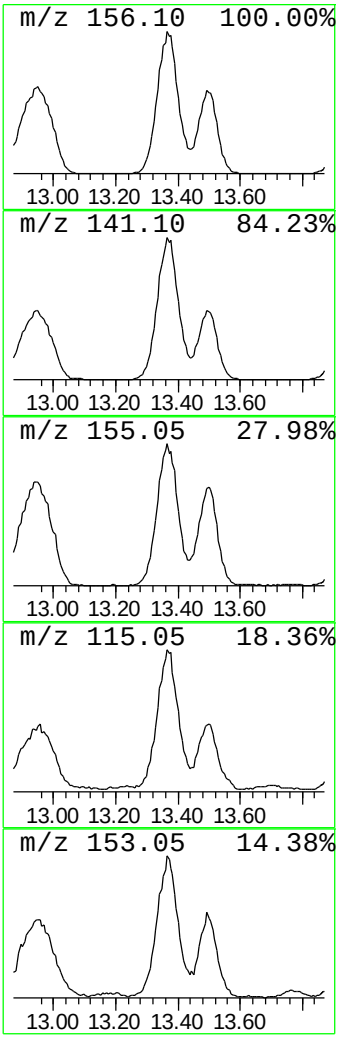
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	99.14 ug/l	1930880	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	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006168.D
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Operator : VA/AP
Sample : J5574-02
Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

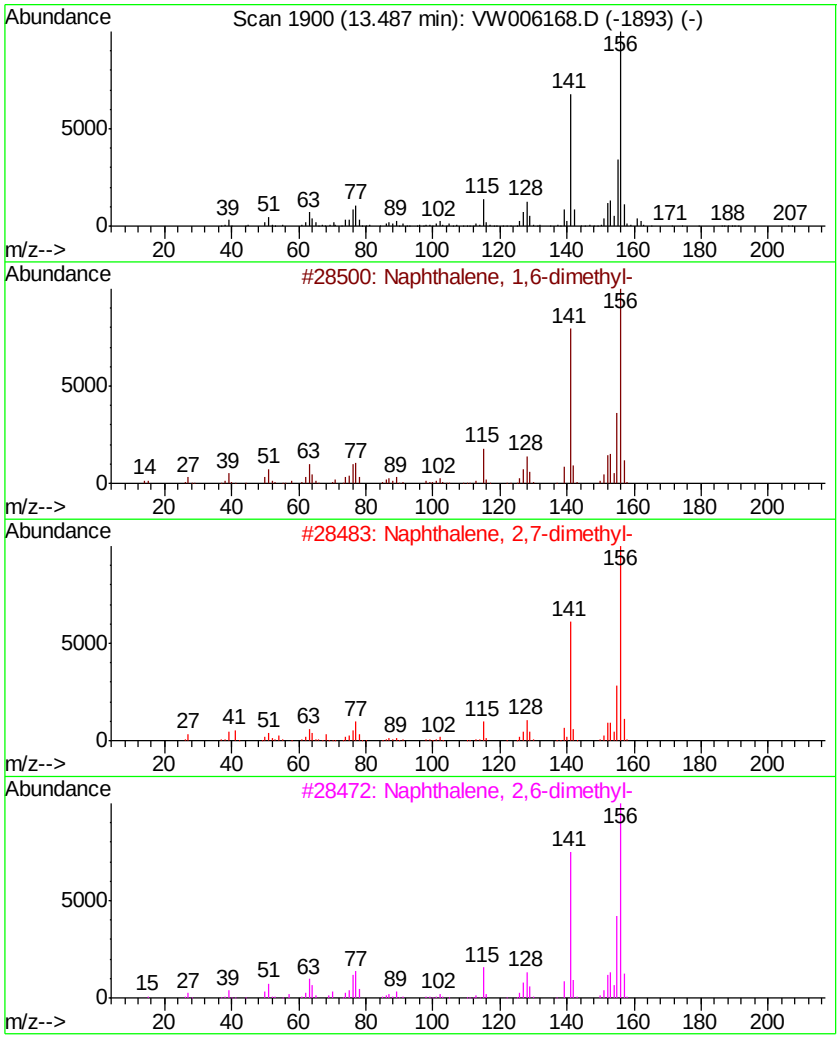
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

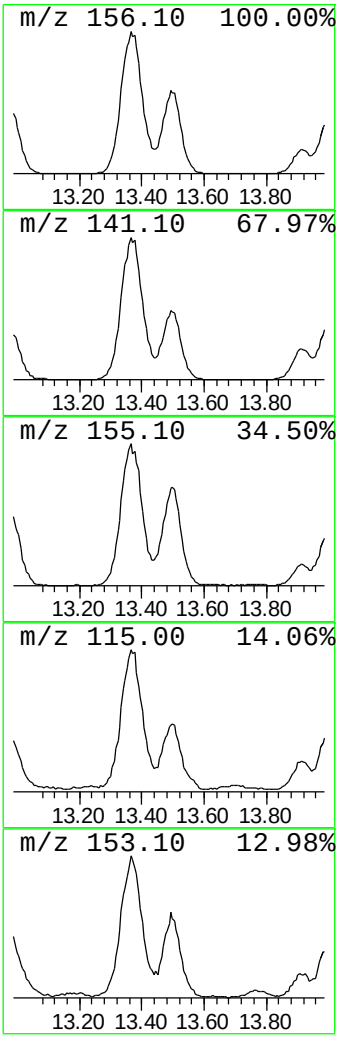
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	50.00 ug/l	973861	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

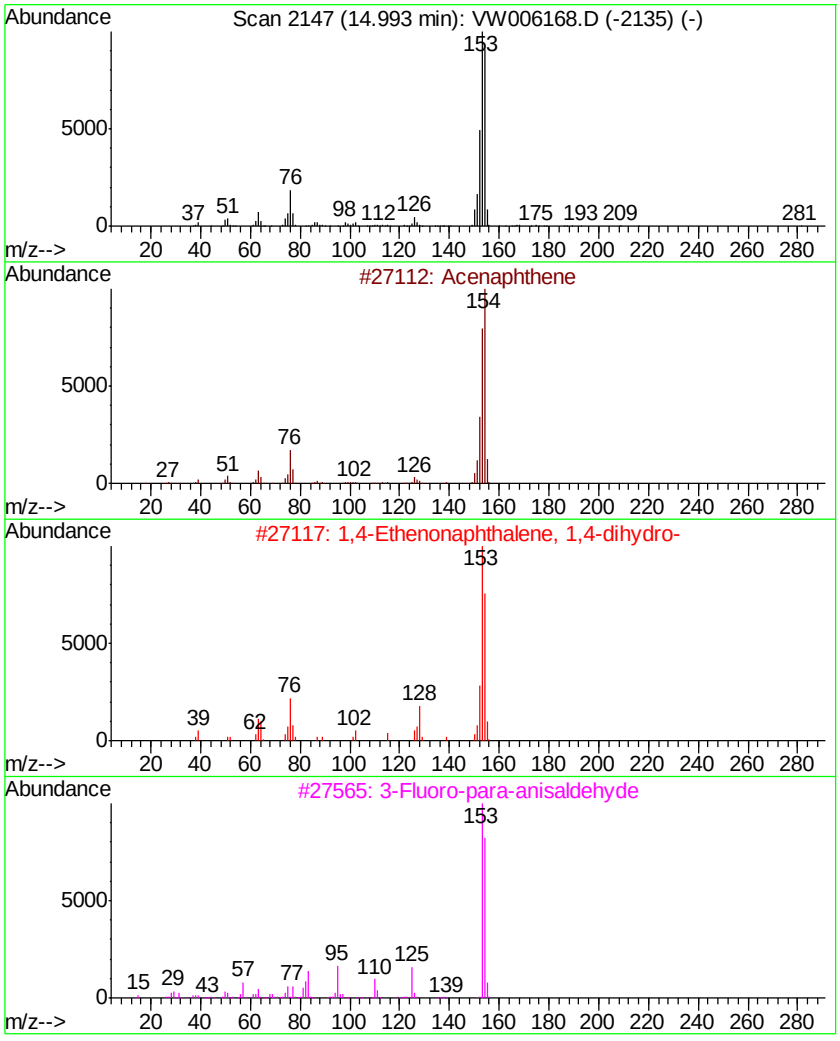
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

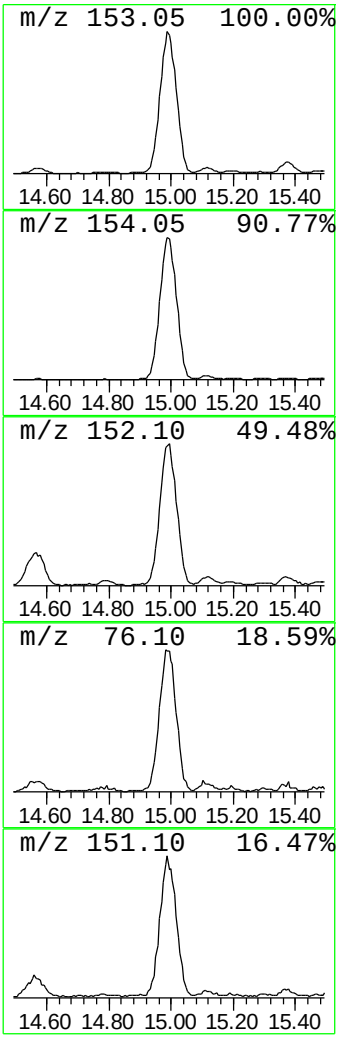
****

Peak Number 9 Acenaphthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	49.93 ug/l	972444	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	81
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	43
5	Biphenyl	154	C12H10	000092-52-4	38





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ClientSampleId : FK-BPM-03-003-ABCD

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

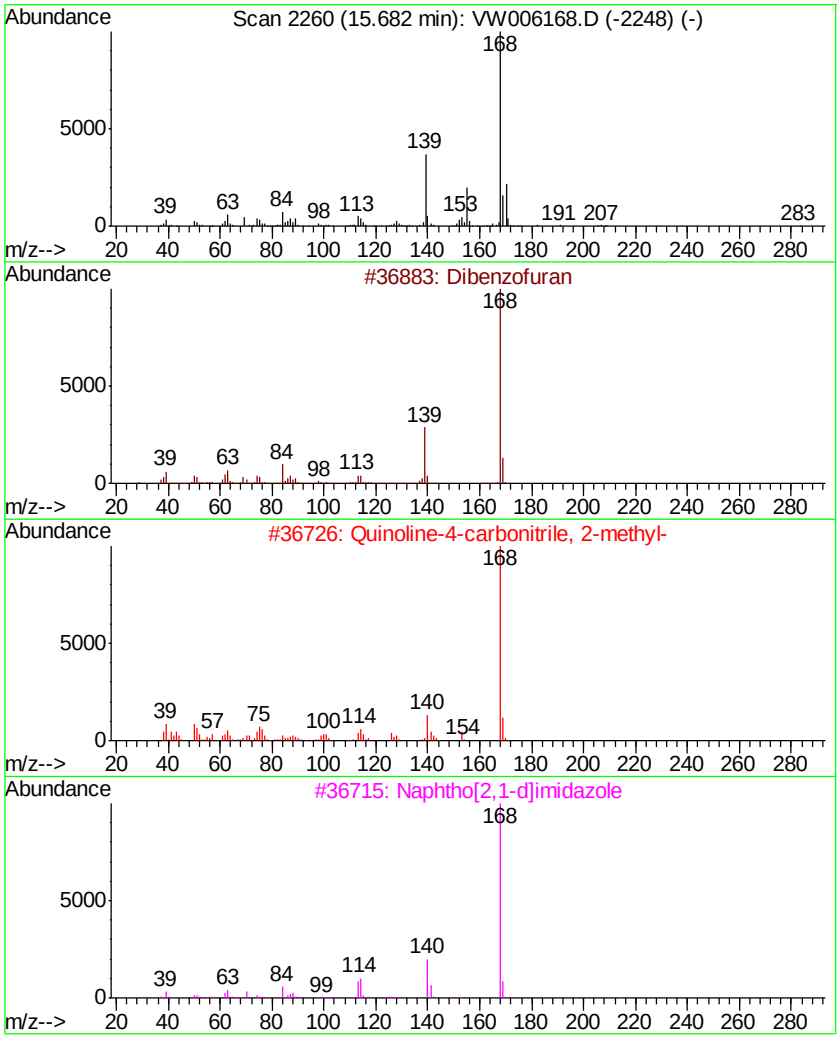
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

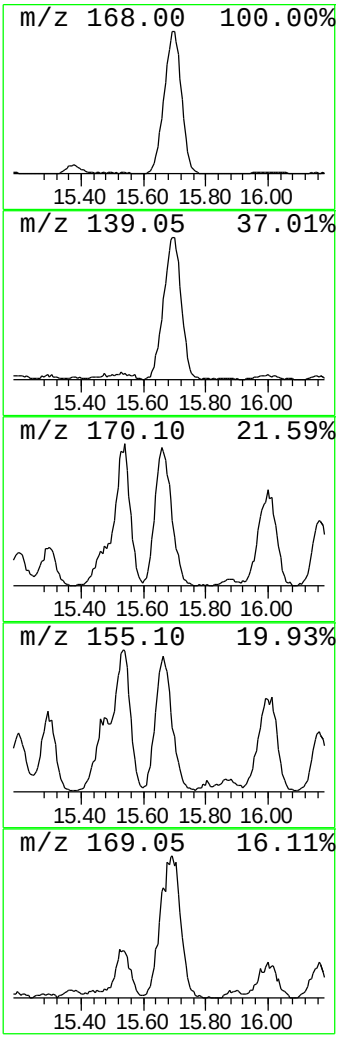
****

Peak Number 10 Dibenzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	23.37 ug/l	455254	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	70
2	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	38
3	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	38
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	37
5	2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	37





Tentatively Identified Compound (LSC) summary

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ALS Vial : 55 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.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
5,8-Dimethyl-1,2,...	12.37	22.5	ug/l	33190	3	11.64	73890	50.0
Naphthalene, 2-et...	12.49	413.9	ug/l	611717	3	11.64	73890	50.0
Naphthalene, 2,7-...	12.95	94.3	ug/l	1835730	4	13.56	973861	50.0
Naphthalene, 2,3-...	13.37	99.1	ug/l	1930880	4	13.56	973861	50.0
Naphthalene, 1,6-...	13.49	50.0	ug/l	973861	4	13.56	973861	50.0
Acenaphthene	14.99	49.9	ug/l	972444	4	13.56	973861	50.0
Dibenzofuran	15.68	23.4	ug/l	455254	4	13.56	973861	50.0