LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR040120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.610	76	84	95	rBV	53658	59259	10.84%	1.218%
2	1.932	175	184	195	rBV	41114	53898	9.86%	1.107%
3	2.591	378	389	407	rVB	84706	136840	25.04%	2.812%
4	4.668	1021	1035	1056	rBV2	76003	181843	33.27%	3.736%
5	5.102	1154	1170	1189	rBV	69101	155646	28.48%	3.198%
6	5.761	1354	1375	1392	rBV2	146127	367154	67.18%	7.544%
7	6.282	1524	1537	1554	rVB	116250	211654	38.72%	4.349%
8	6.722	1660	1674	1692	rVB	90797	174211	31.87%	3.579%
9	7.591	1932	1944	1961	rBV	56898	98701	18.06%	2.028%
10	7.922	2035	2047	2063	rBV	188047	320678	58.67%	6.589%
11	8.205	2123	2135	2148	rBV2	35374	58671	10.73%	1.205%
12	8.658	2259	2276	2304	rBV	260912	455290	83.30%	9.354%
13	8.935	2346	2362	2374	rBV3	17666	31660	5.79%	0.650%
14	9.436	2506	2518	2536	rBV	161166	264200	48.34%	5.428%
15	10.774	2922	2934	2947	rBV	68110	108512	19.85%	2.230%
16	11.111	3029	3039	3048	rBV7	4543	6580	1.20%	0.135%
17	11.825	3246	3261	3275	rBV	173394	273678	50.07%	5.623%
18	12.108	3340	3349	3360	rVB3	5947	8705	1.59%	0.179%
19	12.208	3366	3380	3393	rBV	182752	289915	53.04%	5.957%
20	12.327	3404	3417	3430	rVB	9709	15696	2.87%	0.322%
21	13.044	3628	3640	3650	rBV6	3634	6858	1.25%	0.141%
22	13.545	3783	3796	3805	rBV	15183	23771	4.35%	0.488%
23	14.066	3948	3958	3962	rBV5	8538	12414	2.27%	0.255%
24	14.114	3962	3973	3993	rVB	340580	546563	100.00%	11.230%
25	14.237	4002	4011	4021	rVB2	8178	12972	2.37%	0.267%
26	15.262	4318	4330	4348	rVB	157075	254151	46.50%	5.222%
27	15.452	4378	4389	4404	rVB	64365	103791	18.99%	2.133%
28	16.002	4549	4560	4573	rBV2	43187	70851	12.96%	1.456%
29	16.198	4613	4621	4630	rBV2	10627	15379	2.81%	0.316%
30	16.310	4647	4656	4674	rVB	18616	30908	5.65%	0.635%
31	16.462	4693	4703	4710	rBV3	18248	30132	5.51%	0.619%
32	16.500	4710	4715	4730	rVB4	10684	17590	3.22%	0.361%
33	16.690	4767	4774	4782	rVB8	4540	6760	1.24%	0.139%
34	16.944	4844	4853	4866	rVB3	18093	31078	5.69%	0.639%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR040120WMA.M
Title : TRACE VOA SOM01.0

35	17.159	4906	4920	4934	rBV	126015	232752	42.58%	4.782%
36	17.343	4973	4977	4989	rVB10	4028	6109	1.12%	0.126%
37	17.478	5006	5019	5039	rBV	94861	192220	35.17%	3.949%

Sum of corrected areas: 4867090

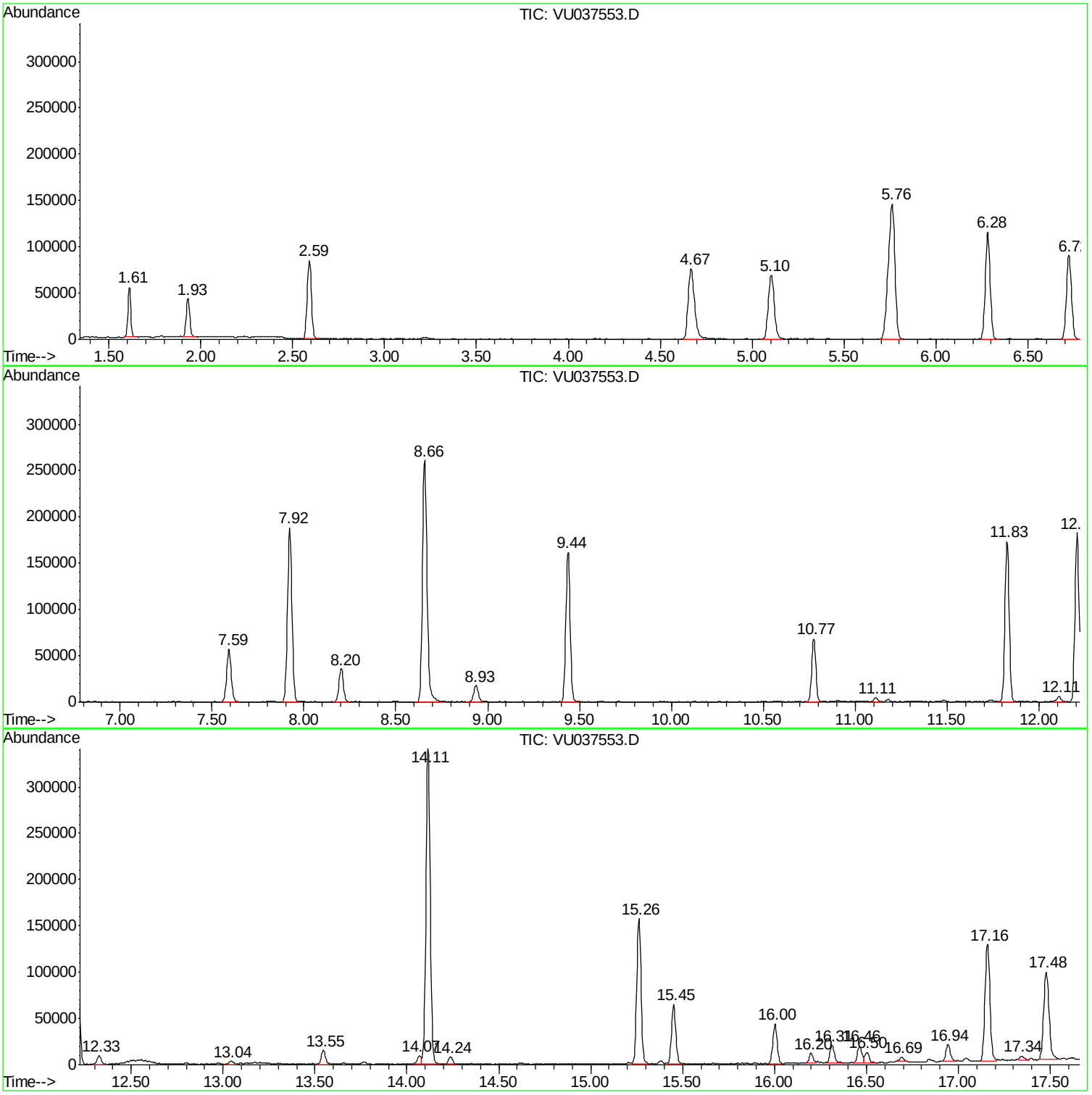
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

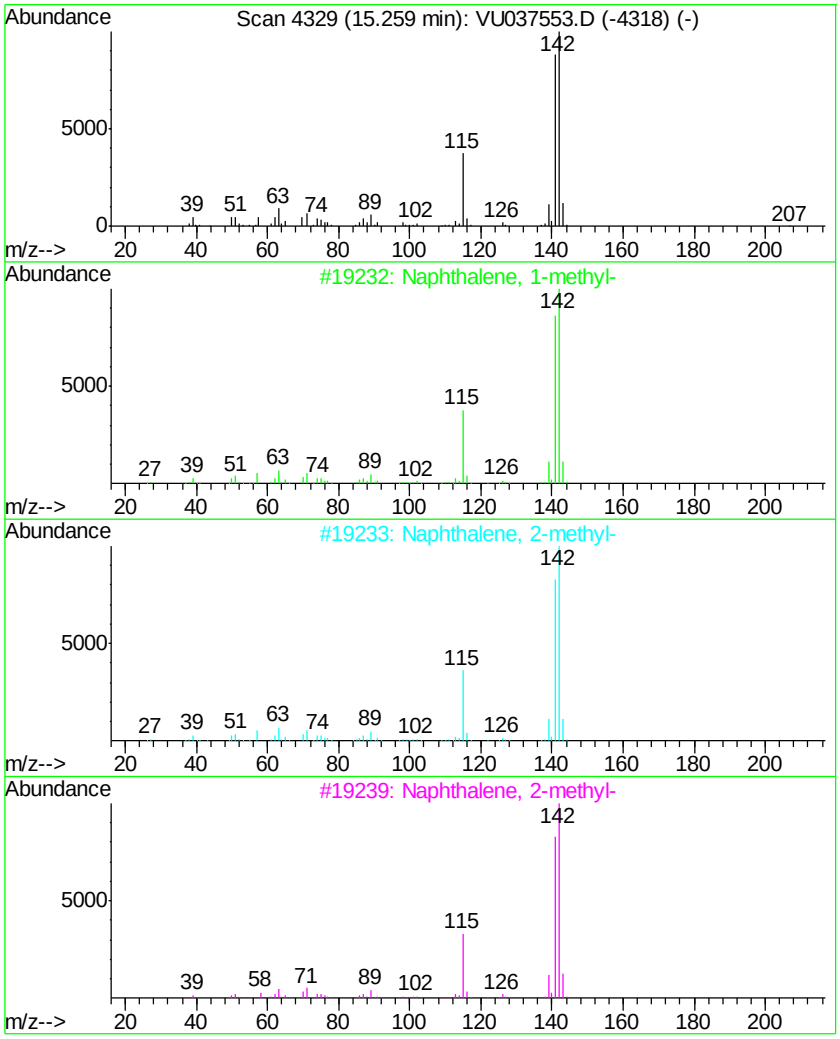
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

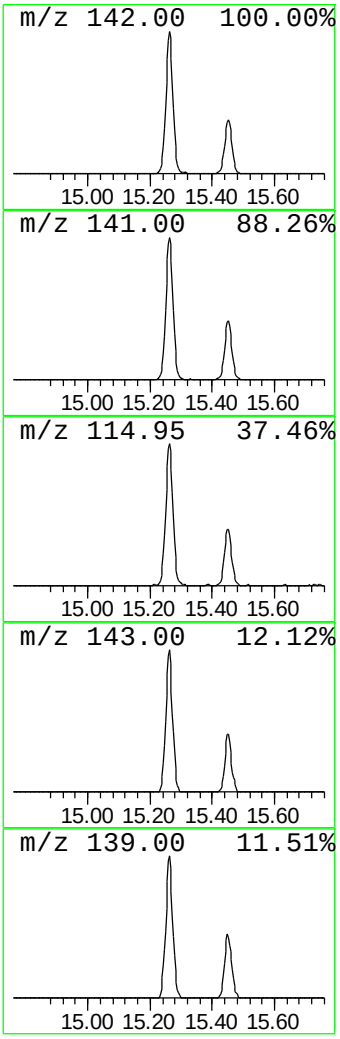
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.64 ug/L	254151	1,4-Dichlorobenzene-d4	11.83

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, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

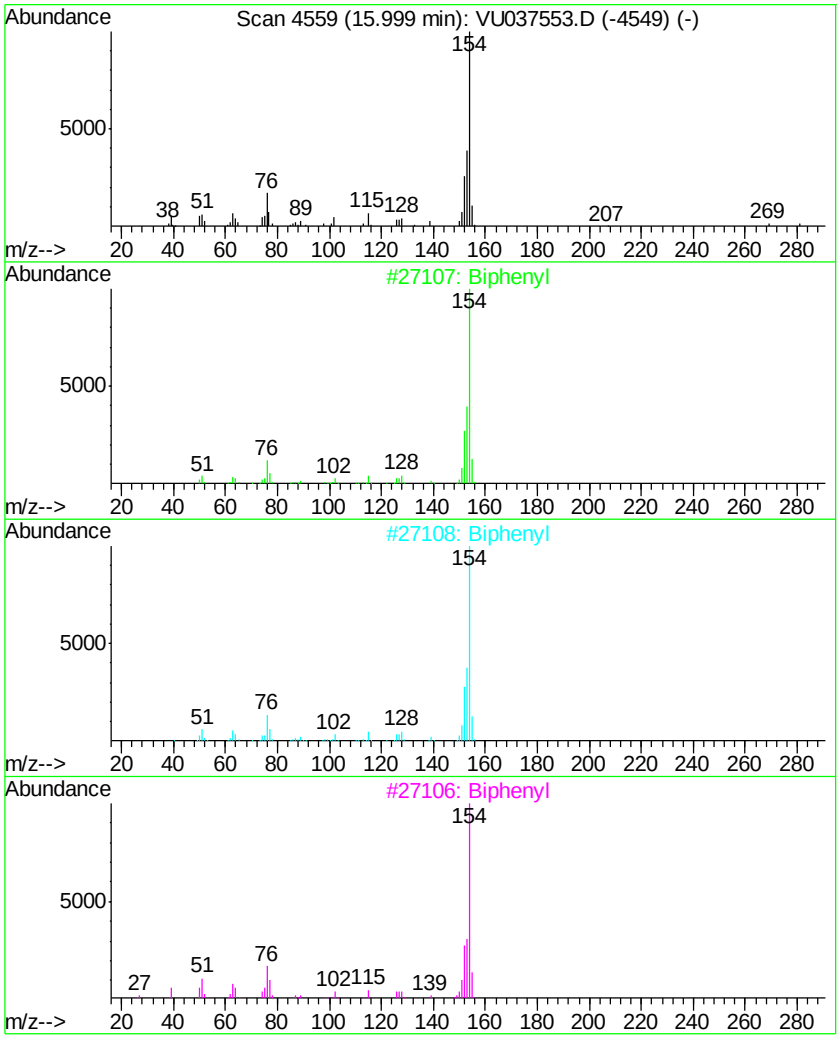
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

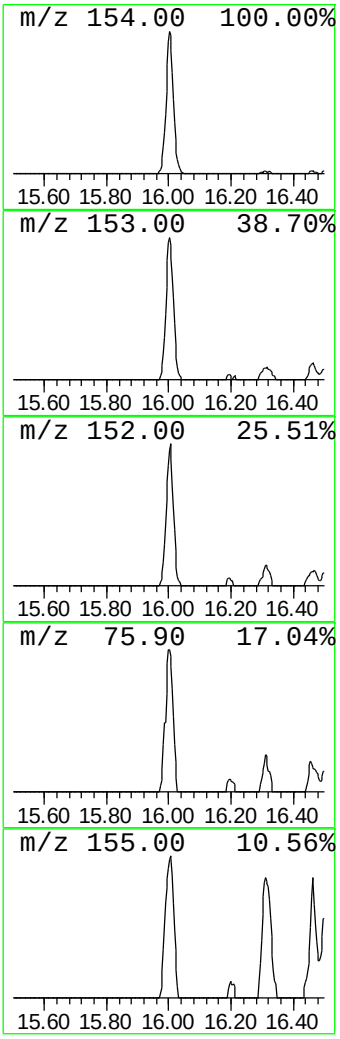
****

Peak Number 6 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	1.29 ug/L	70851	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	87
4	Biphenyl	154	C12H10	000092-52-4	87
5	Biphenyl	154	C12H10	000092-52-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

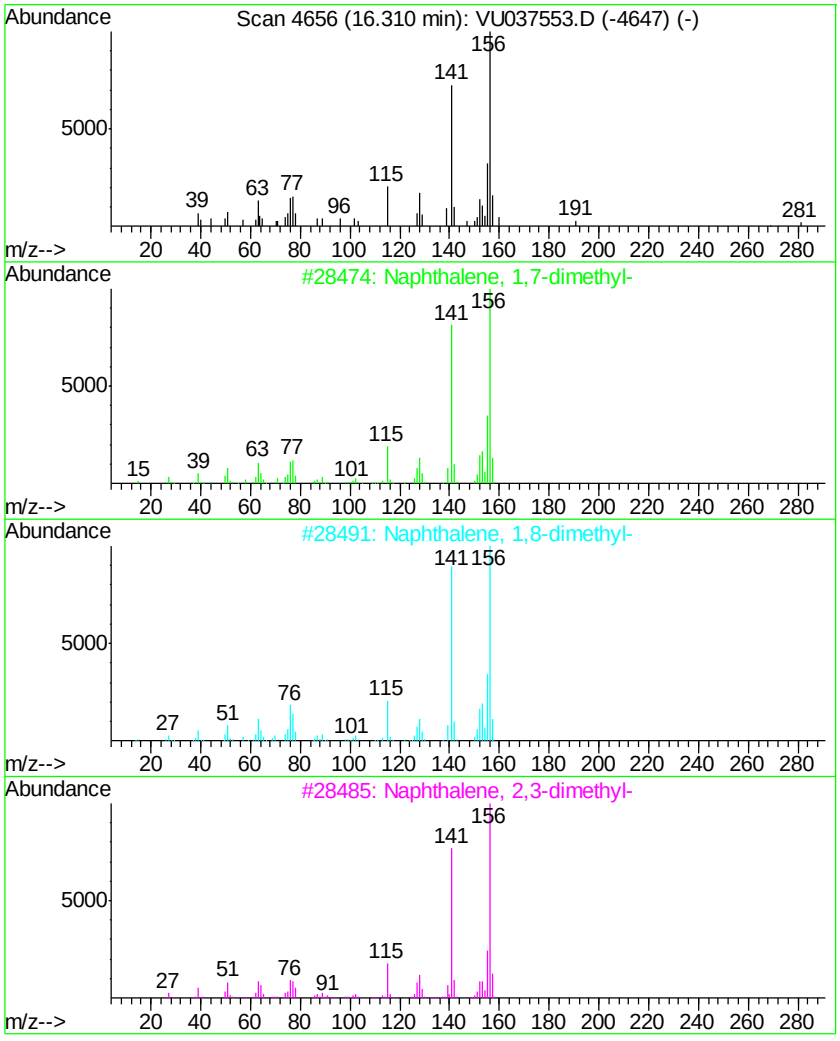
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

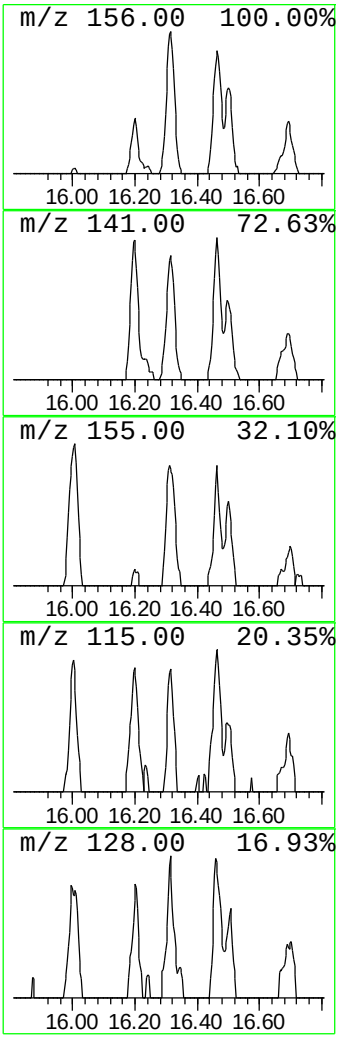
****

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	0.56 ug/L	30908	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

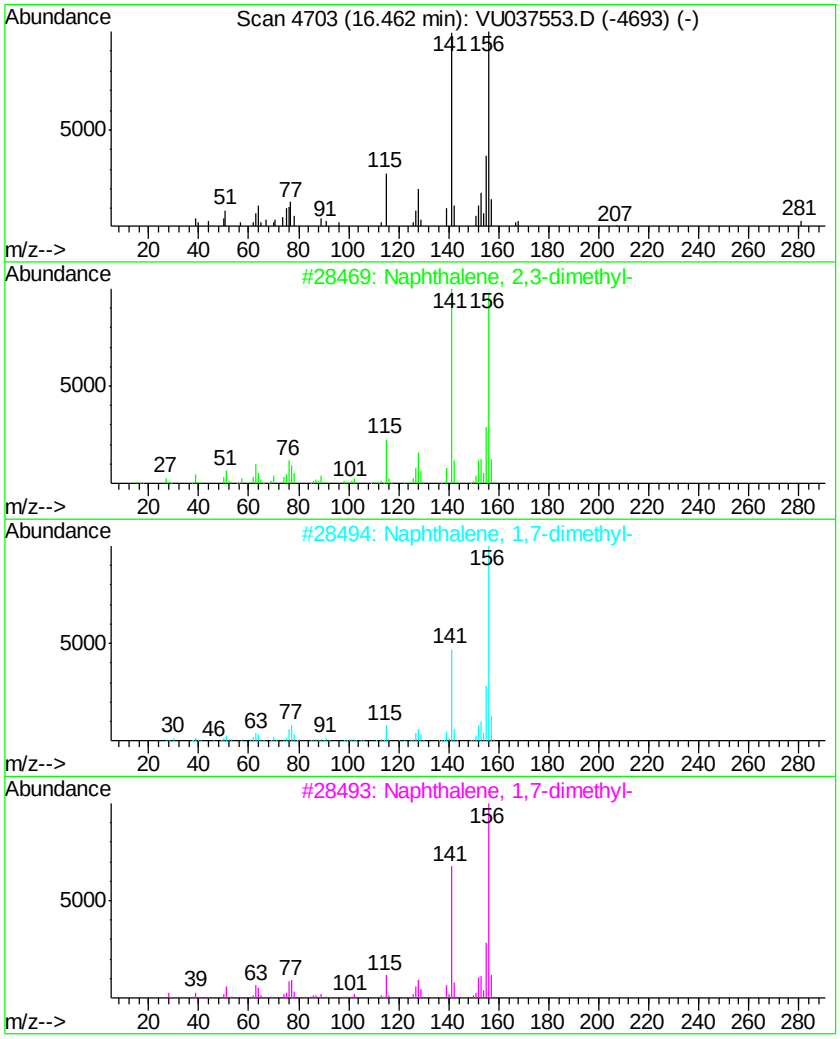
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

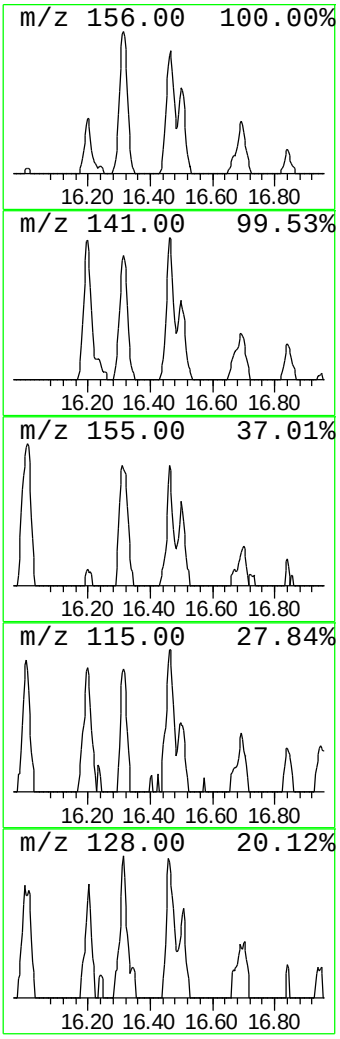
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	0.55 ug/L	30132	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

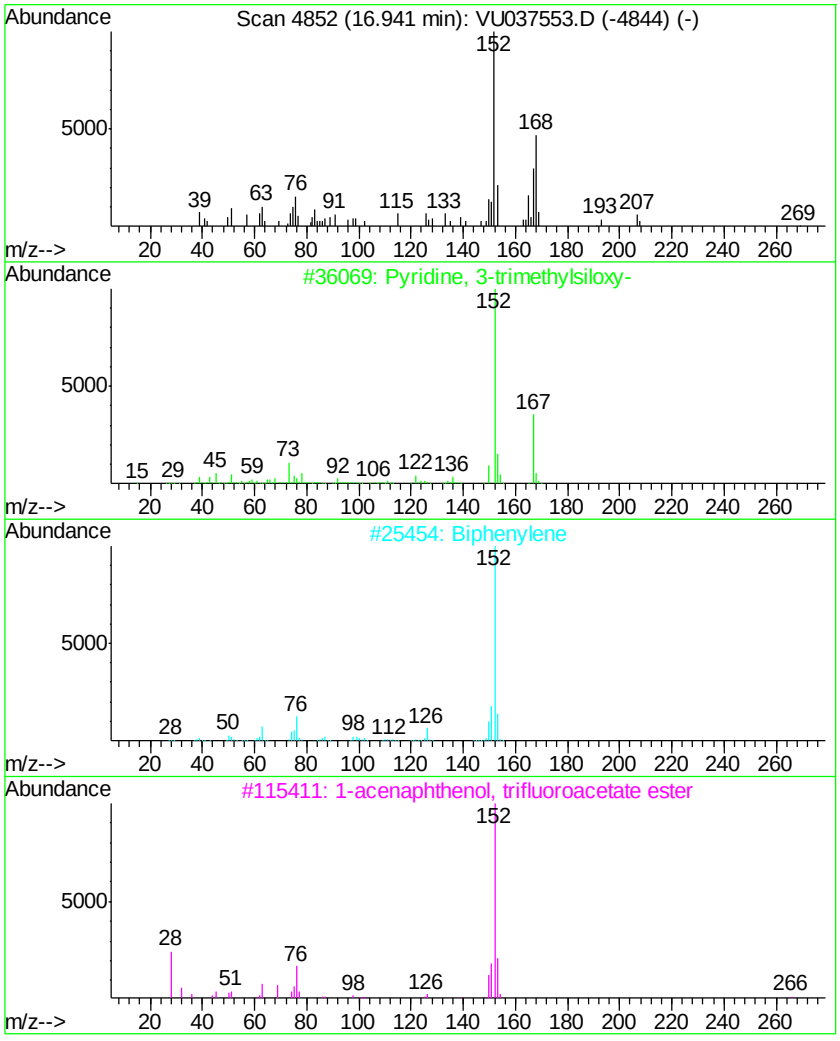
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

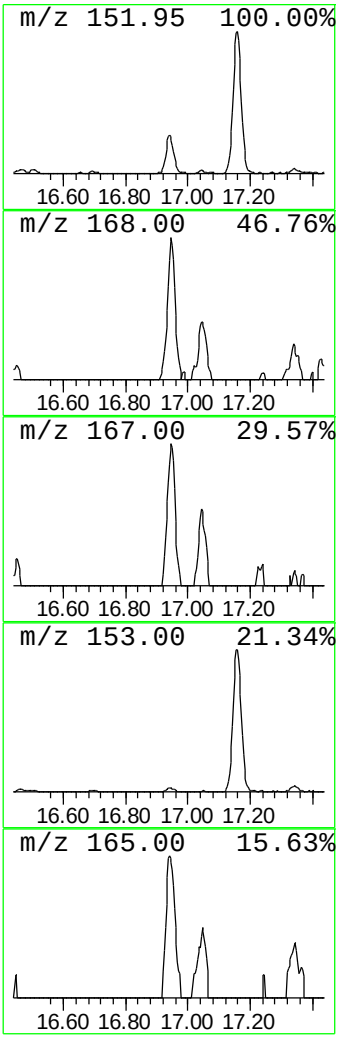
****

Peak Number 9 Pyridine, 3-trimethylsiloxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	0.57 ug/L	31078	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-trimethylsiloxy-	167	C8H13NOSi	041571-88-4	50
2	Biphenylene	152	C12H8	000259-79-0	49
3	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	47
4	Biphenylene	152	C12H8	000259-79-0	45
5	Acenaphthylene	152	C12H8	000208-96-8	43





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Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

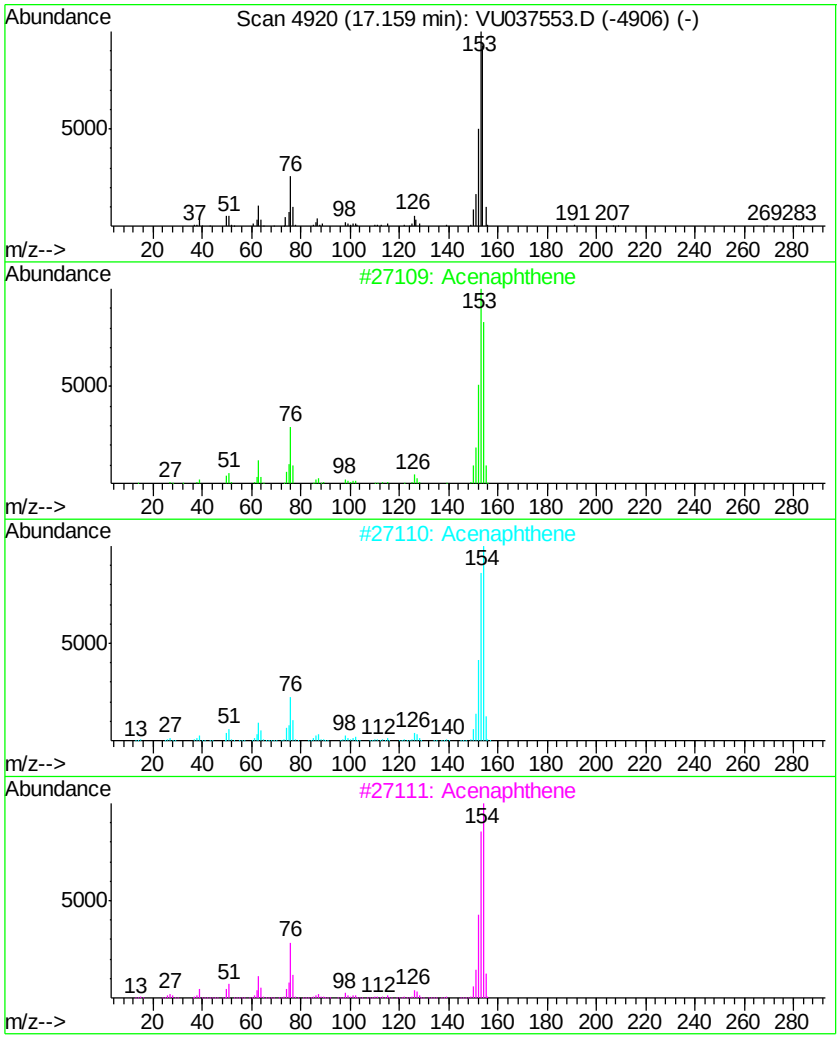
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

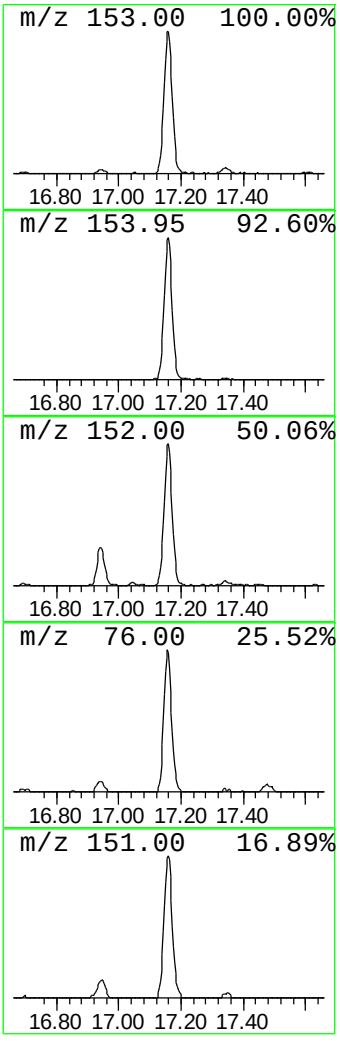
****

Peak Number 10 Acenaphthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	4.25 ug/L	232752	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Acenaphthene	154	C12H10	000083-32-9	64
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59





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Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

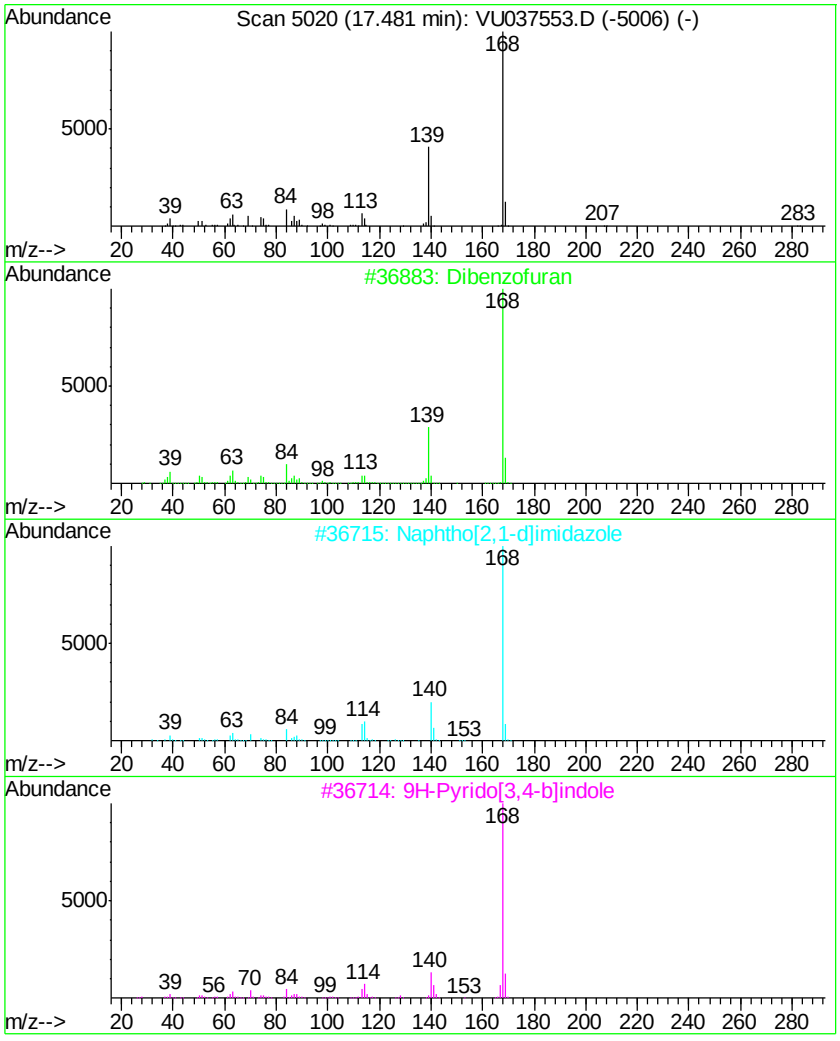
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

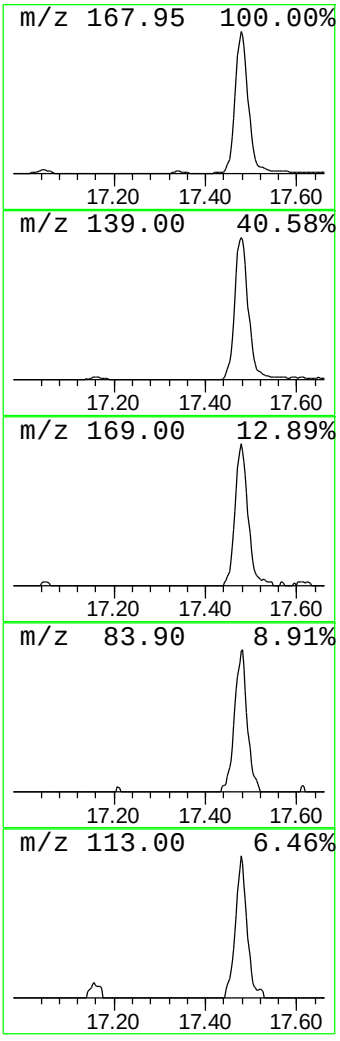
****

Peak Number 11 Dibenzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	3.51 ug/L	192220	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	93
2	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040220\
Data File : VU037553.D
Acq On : 02 Apr 2020 14:12
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	15.26	4.6	ug/L	254151	3	11.83	273678	5.0
Biphenyl	16.00	1.3	ug/L	70851	3	11.83	273678	5.0
Naphthalene, 1,7-...	16.31	0.6	ug/L	30908	3	11.83	273678	5.0
Naphthalene, 2,3-...	16.46	0.6	ug/L	30132	3	11.83	273678	5.0
Pyridine, 3-trime...	16.94	0.6	ug/L	31078	3	11.83	273678	5.0
Acenaphthene	17.16	4.3	ug/L	232752	3	11.83	273678	5.0
Dibenzofuran	17.48	3.5	ug/L	192220	3	11.83	273678	5.0