LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

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\SOMUTR033120WMA.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	5.761	1355	1375	1392	rBV2	108843	279664	1.68%	0.877%
2	6.282	1523	1537	1551	rBV	117427	218518	1.31%	0.685%
3	7.922	2035	2047	2062	rBV	128623	220385	1.32%	0.691%
4	8.658	2263	2276	2301	rBV	227969	392383	2.35%	1.231%
5	9.436	2505	2518	2537	rVB	166686	270313	1.62%	0.848%
6	11.825	3250	3261	3276	rVB	178952	275203	1.65%	0.863%
7	12.108	3334	3349	3362	rBV	262868	417570	2.50%	1.310%
8	12.205	3368	3379	3394	rVB	164077	269900	1.62%	0.846%
9	12.324	3394	3416	3429	rBV	173931	281056	1.68%	0.881%
10	13.047	3631	3641	3662	rVB	103735	228683	1.37%	0.717%
11	13.478	3761	3775	3787	rVB3	98200	167634	1.00%	0.526%
12	14.121	3954	3975	3993	rBV	10290936	16682240	100.00%	52.318%
13	14.237	3996	4011	4022	rBV	191907	323065	1.94%	1.013%
14	15.262	4318	4330	4354	rVB	3069136	4985451	29.88%	15.635%
15	15.452	4376	4389	4410	rVB	1355520	2209598	13.25%	6.930%
16	16.002	4546	4560	4573	rVB	613139	972181	5.83%	3.049%
17	16.198	4600	4621	4630	rBV	214218	370223	2.22%	1.161%
18	16.314	4644	4657	4678	rVB	334039	588922	3.53%	1.847%
19	16.462	4691	4703	4710	rBV	318167	538644	3.23%	1.689%
20	16.500	4710	4715	4732	rVB	179808	290539	1.74%	0.911%
21	16.693	4756	4775	4797	rBV2	86286	210657	1.26%	0.661%
22	16.944	4841	4853	4865	rBV3	97310	166922	1.00%	0.523%
23	17.156	4904	4919	4938	rBV	503885	899114	5.39%	2.820%
24	17.478	5004	5019	5043	rVB	318323	627216	3.76%	1.967%

Sum of corrected areas: 31886081

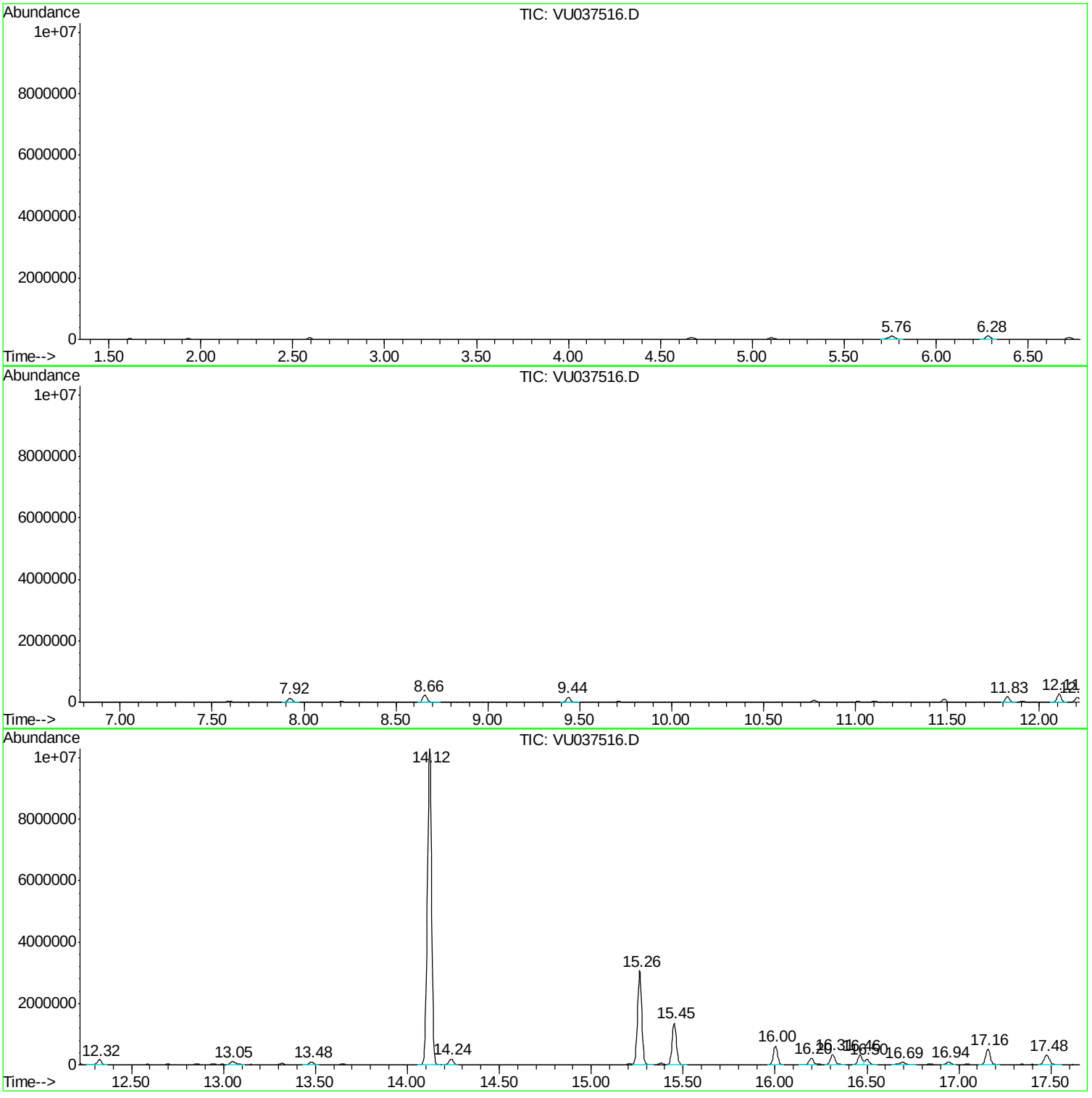
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

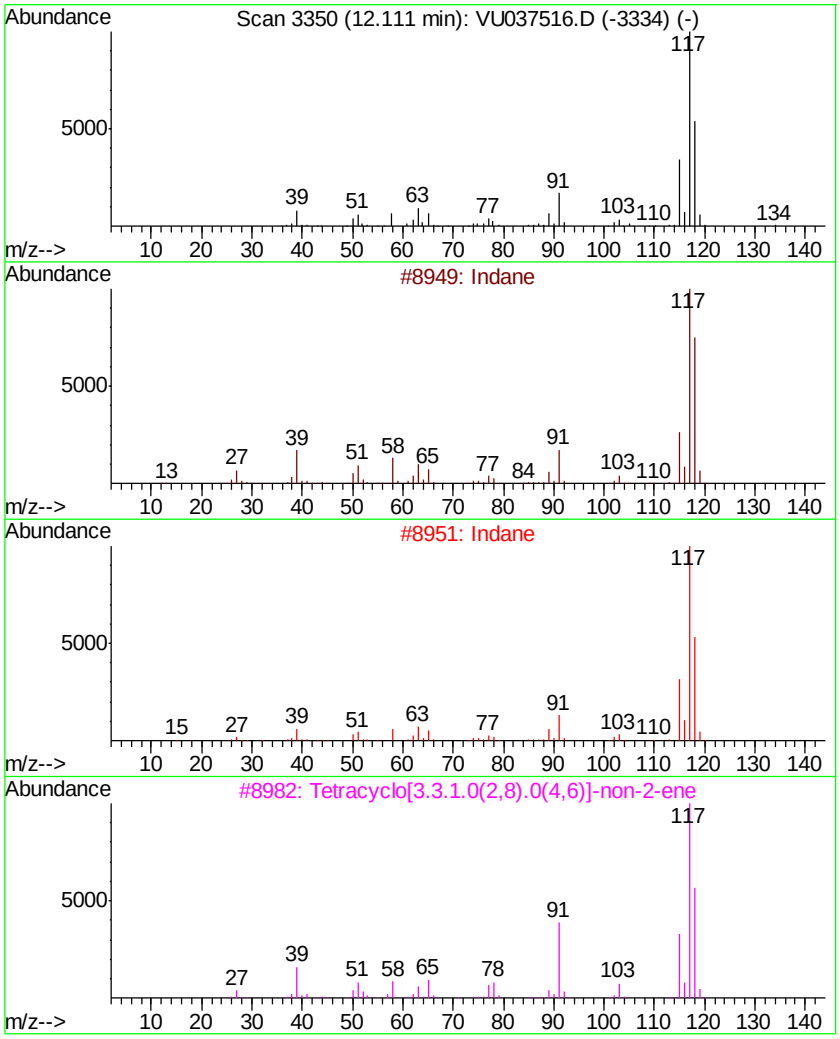
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

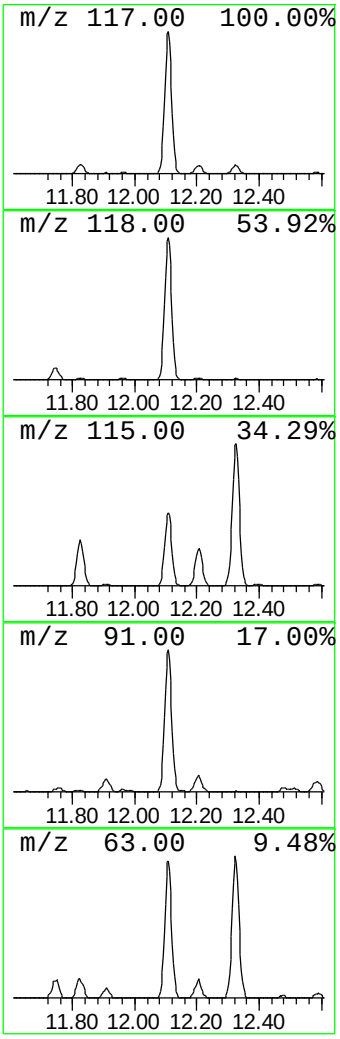
****

Peak Number 1 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.59 ug/L	417570	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

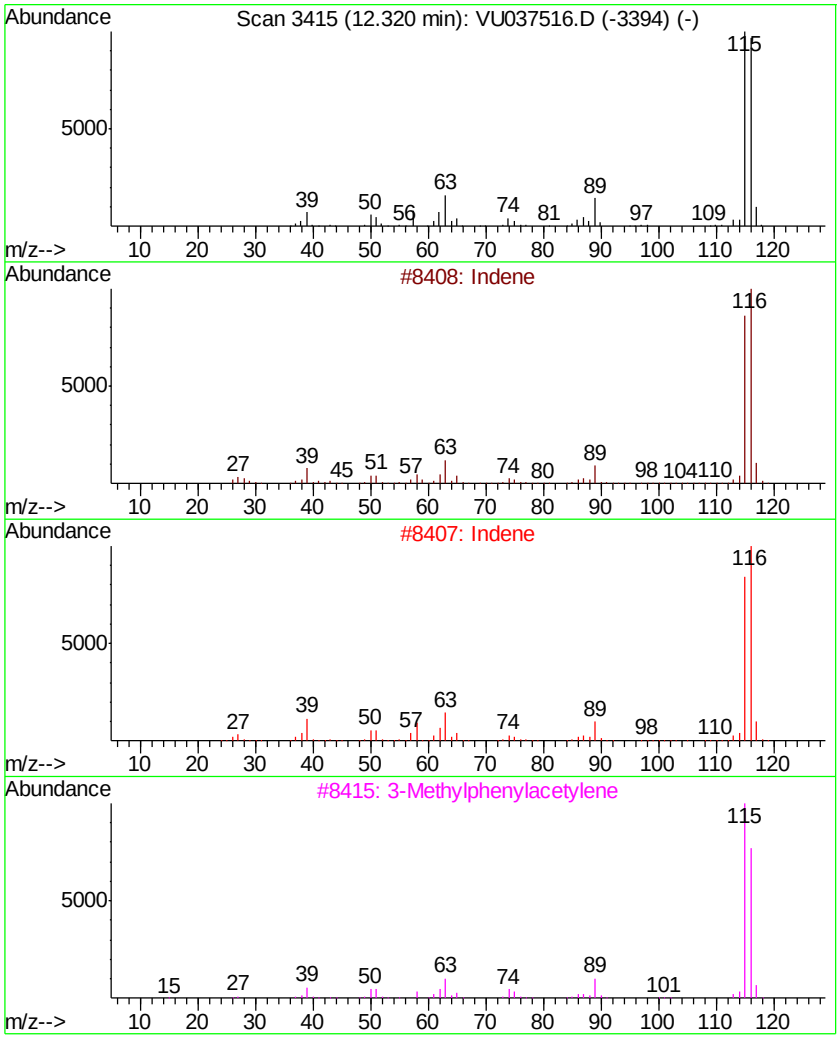
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

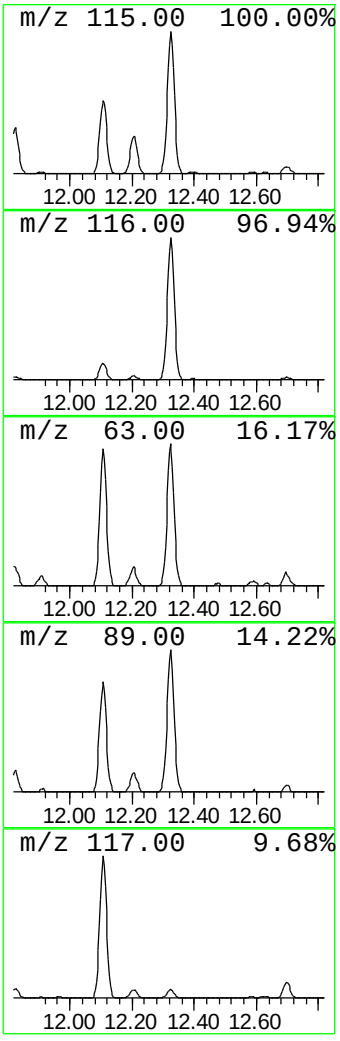
****

Peak Number 2 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.11 ug/L	281056	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

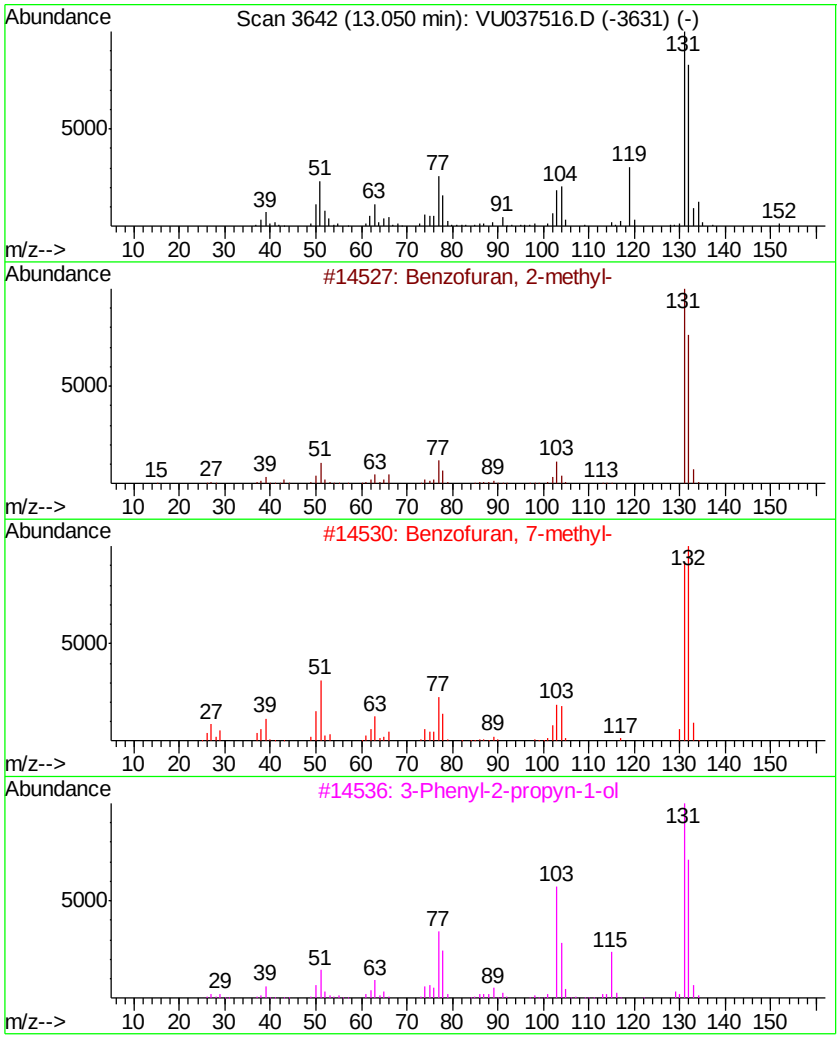
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

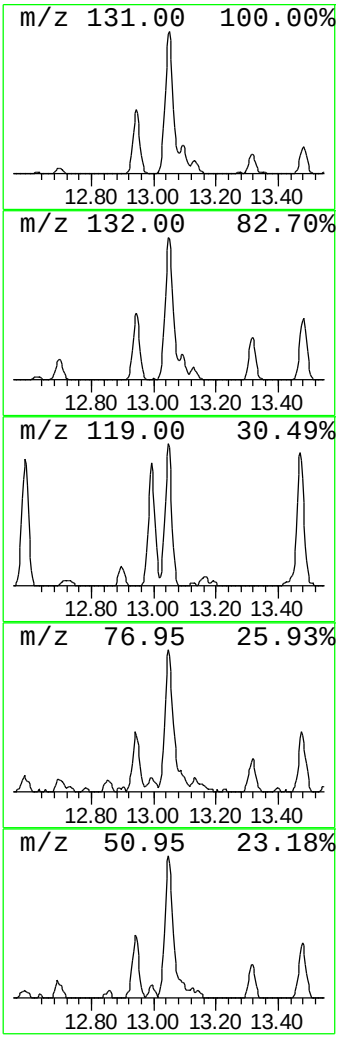
****

Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.15 ug/L	228683	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

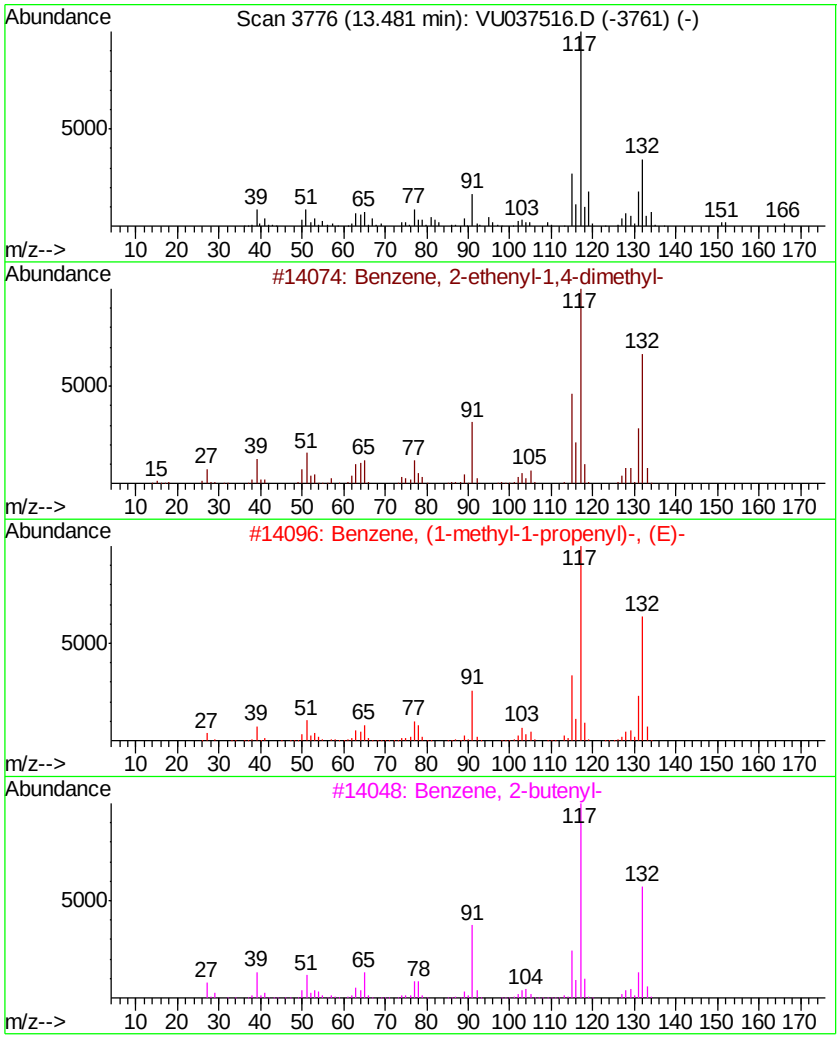
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

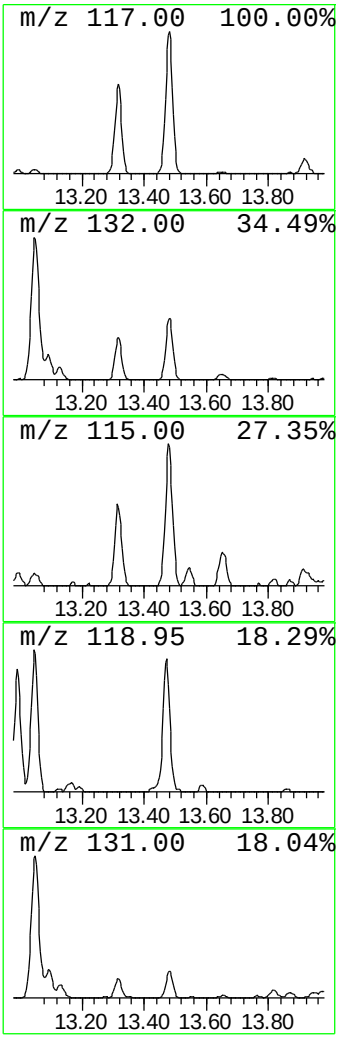
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	3.05 ug/L	167634	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

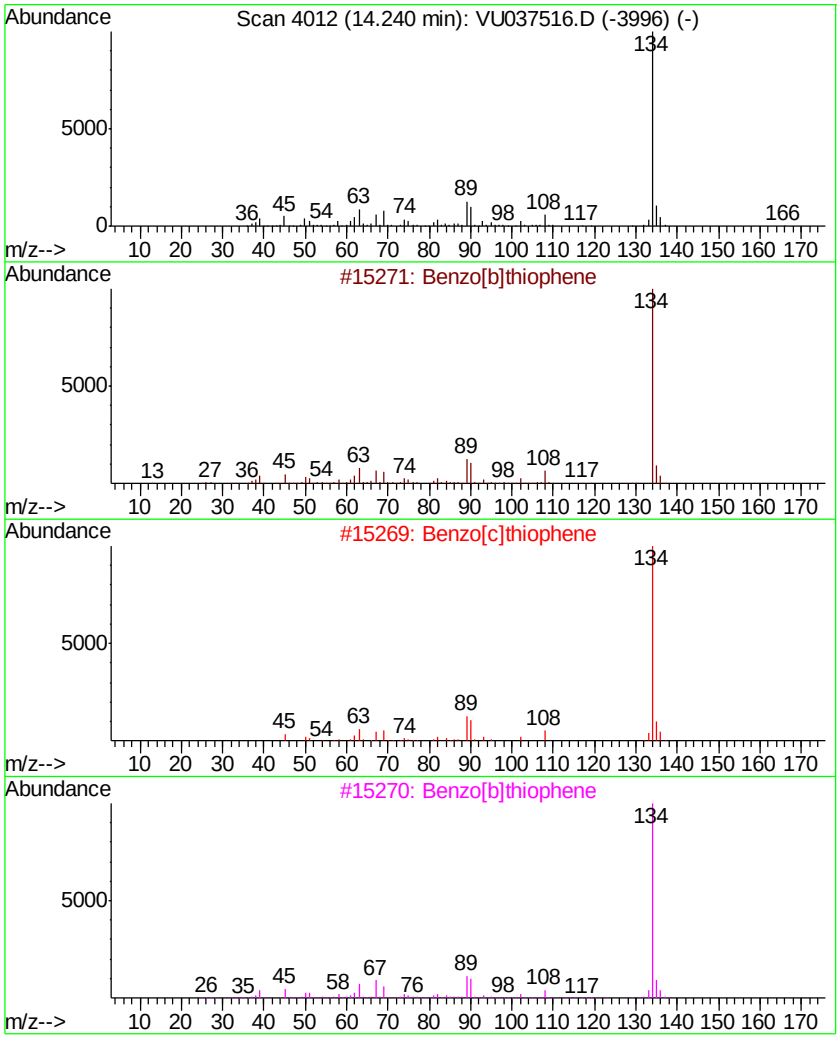
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

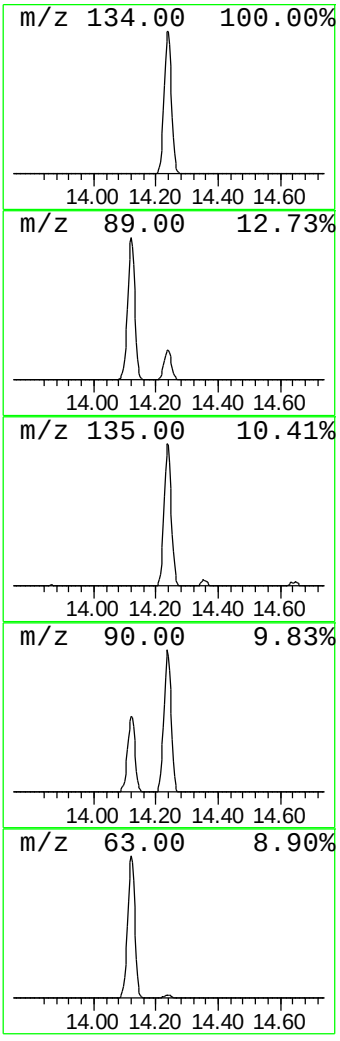
****

Peak Number 6 Benzo[b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	5.87 ug/L	323065	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

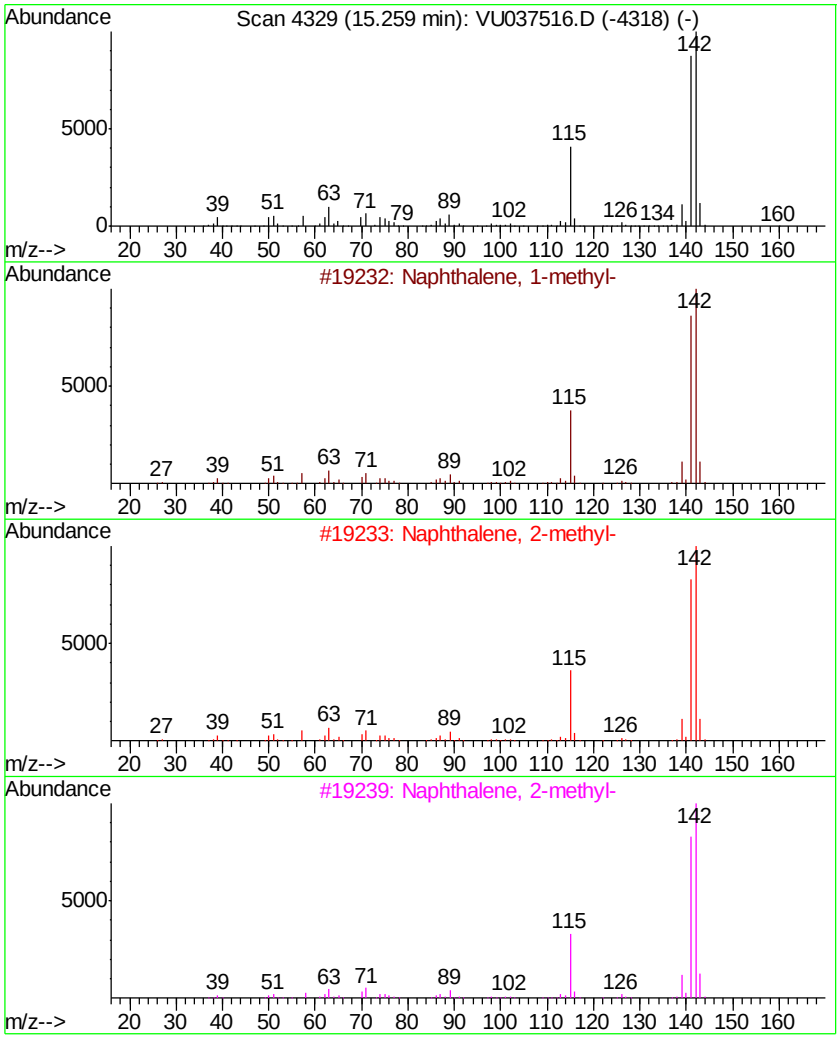
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

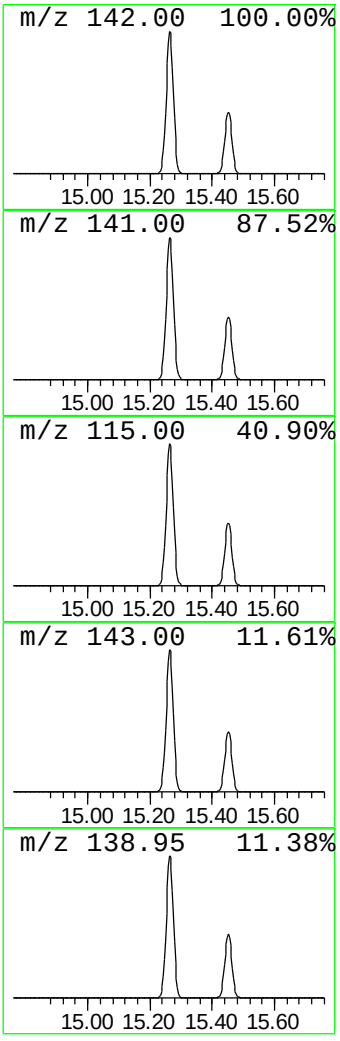
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	90.58 ug/L	4985450	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, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

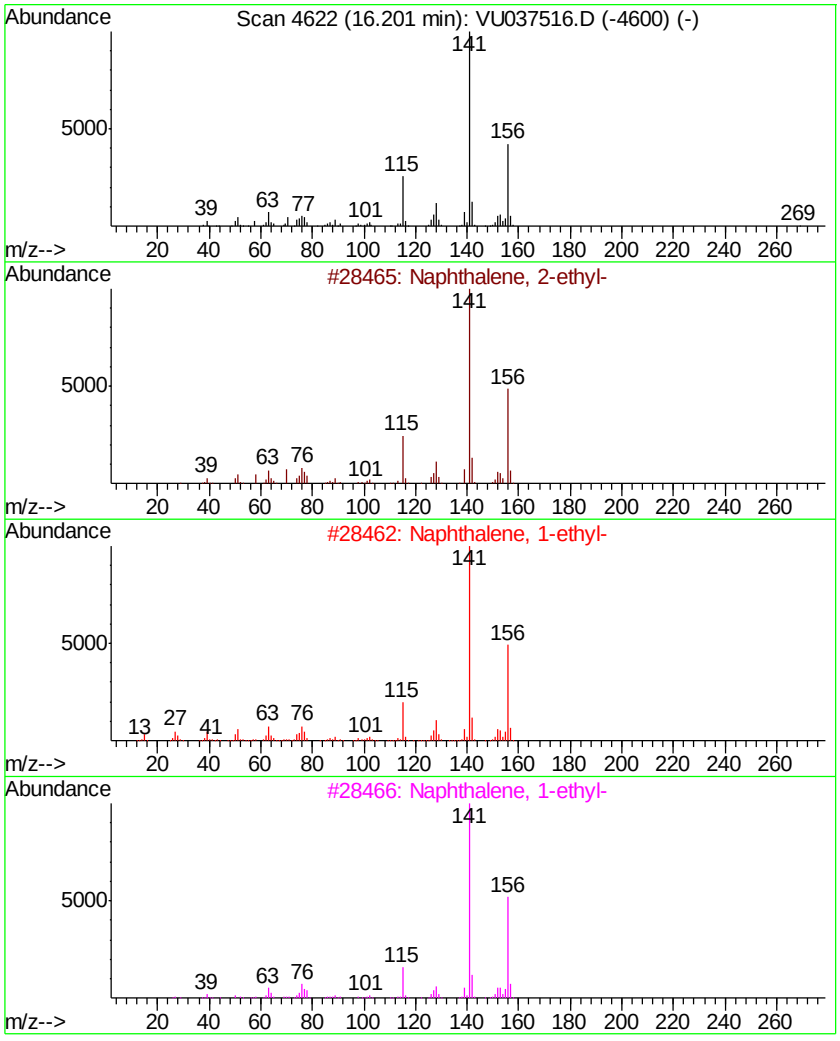
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

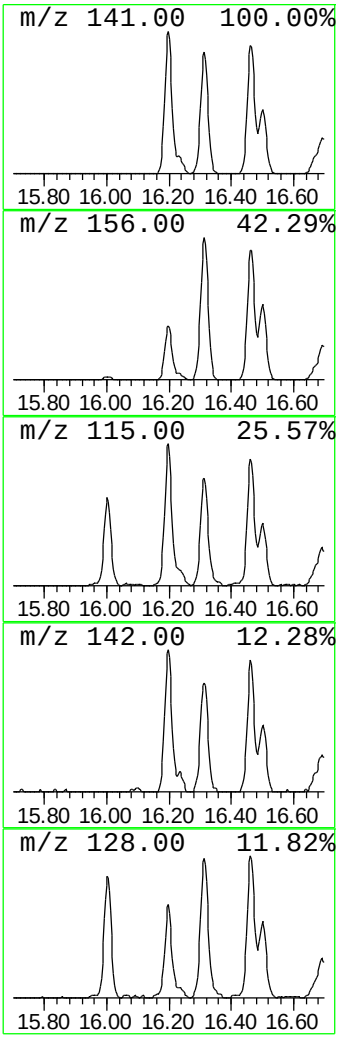
****

Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	6.73 ug/L	370223	1,4-Dichlorobenzene-d4	11.83

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	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

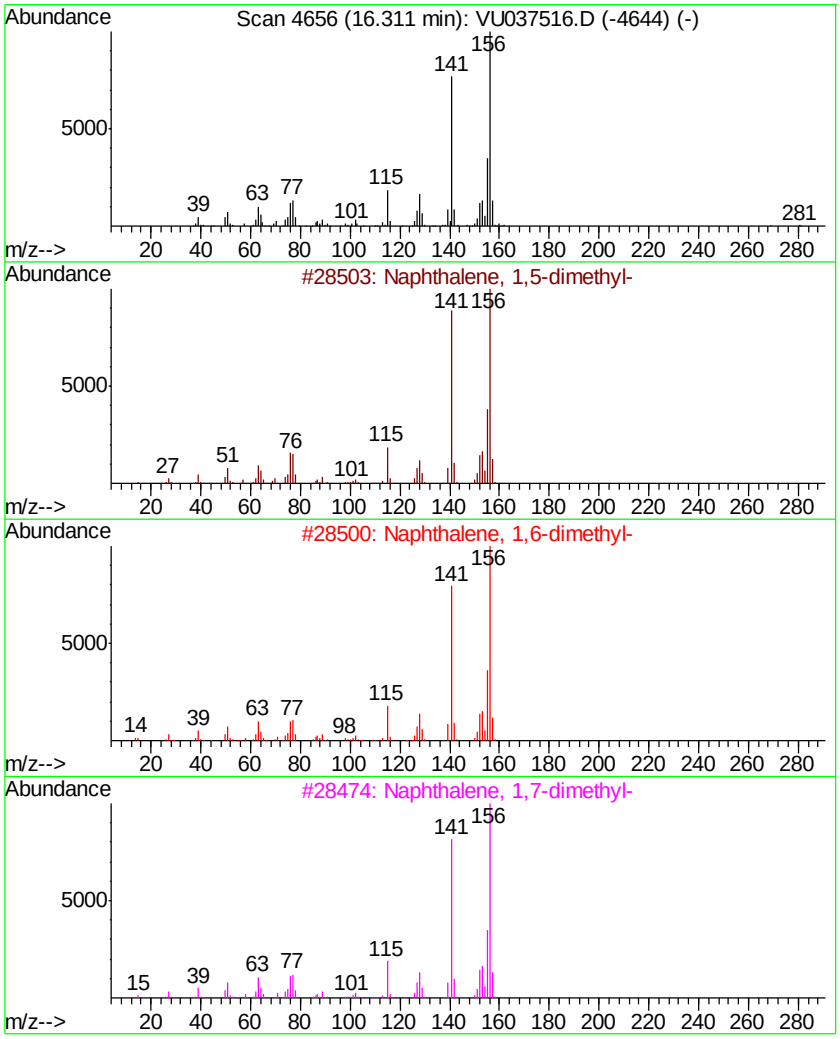
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

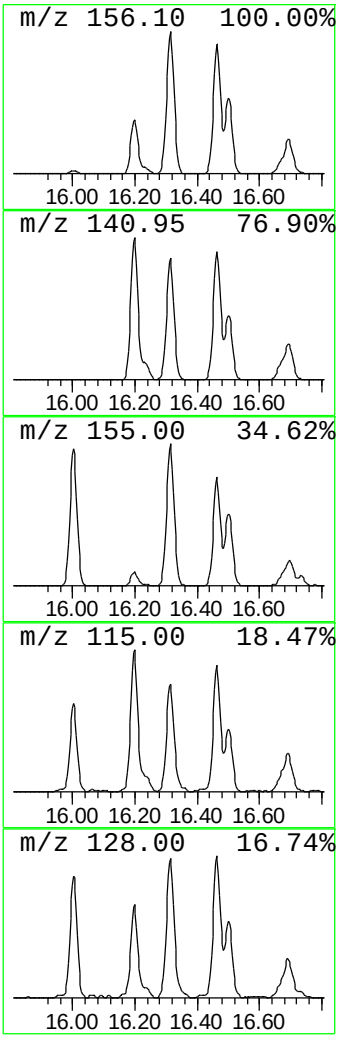
****

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	10.70 ug/L	588922	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

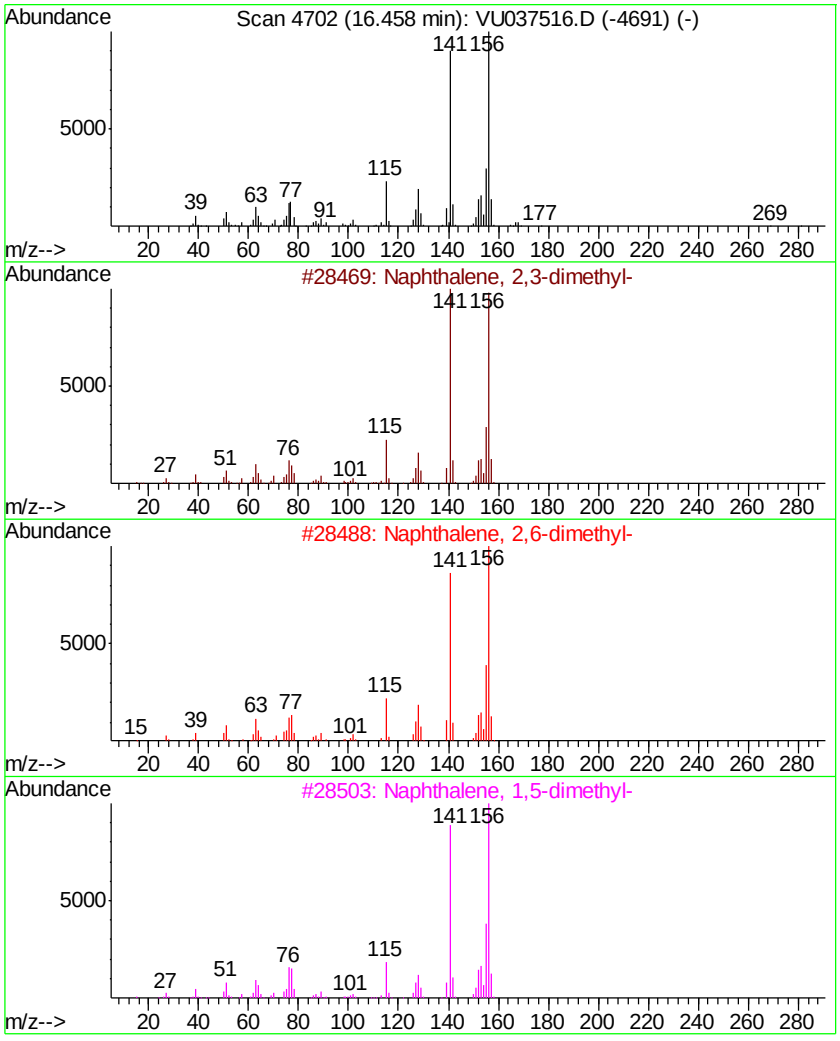
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

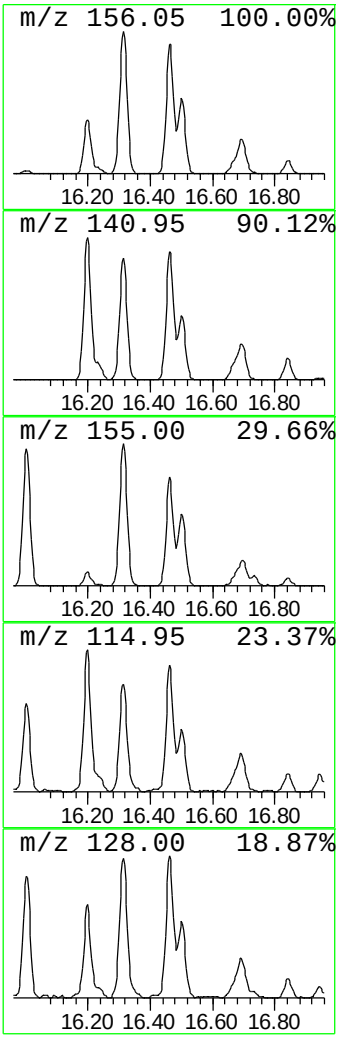
****

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	9.79 ug/L	538644	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	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

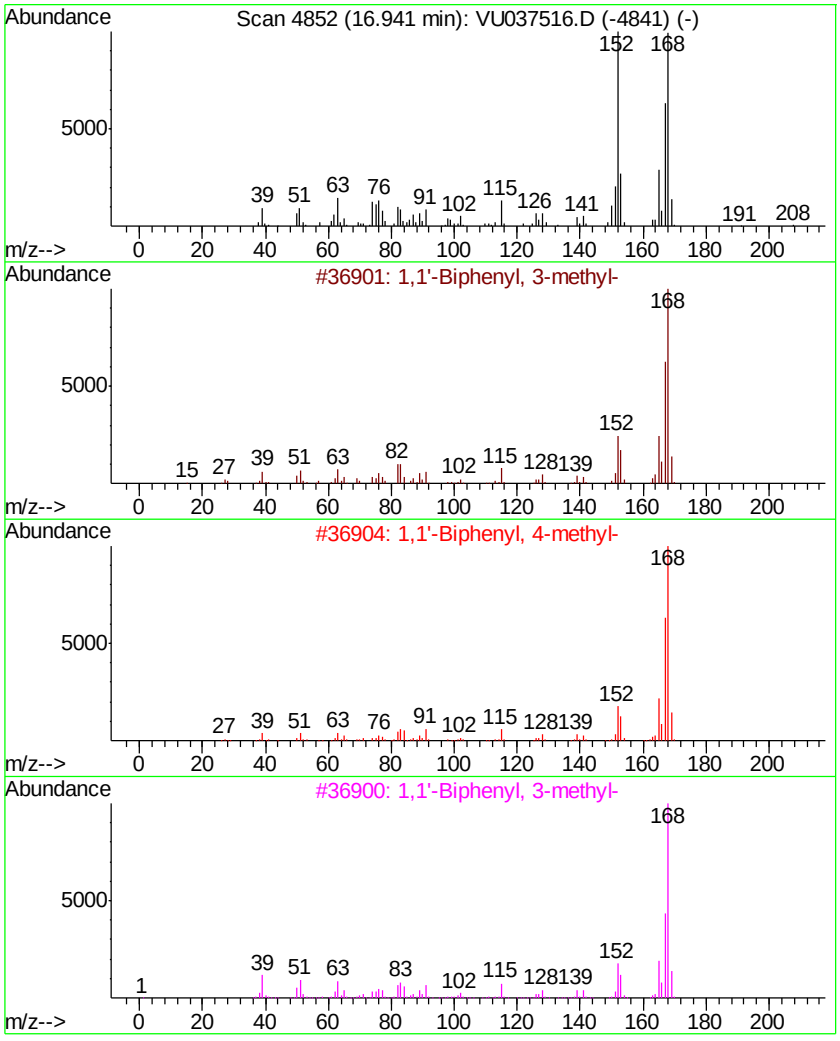
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

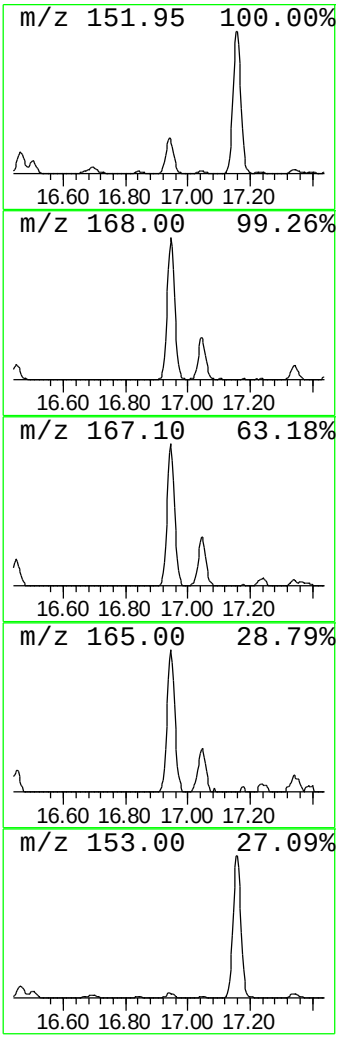
****

Peak Number 15 1,1'-Biphenyl, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	3.03 ug/L	166922	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033120\
Data File : VU037516.D
Acq On : 31 Mar 2020 23:40
Operator : JC/MD
Sample : L2065-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.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
Indane	12.11	7.6	ug/L	417570	3	11.83	275203	5.0
Indene	12.32	5.1	ug/L	281056	3	11.83	275203	5.0
Benzofuran, 2-met...	13.05	4.2	ug/L	228683	3	11.83	275203	5.0
Benzene, 2-etheny...	13.48	3.0	ug/L	167634	3	11.83	275203	5.0
Benzo[b]thiophene	14.24	5.9	ug/L	323065	3	11.83	275203	5.0
Naphthalene, 1-me...	15.26	90.6	ug/L	4985450	3	11.83	275203	5.0
Naphthalene, 2-et...	16.20	6.7	ug/L	370223	3	11.83	275203	5.0
Naphthalene, 1,5-...	16.31	10.7	ug/L	588922	3	11.83	275203	5.0
Naphthalene, 2,3-...	16.46	9.8	ug/L	538644	3	11.83	275203	5.0
1,1'-Biphenyl, 3-...	16.94	3.0	ug/L	166922	3	11.83	275203	5.0