LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

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\82W081420S.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	4.916	482	494	508	rVB2	32108	101566	2.06%	0.842%
2	7.891	969	982	986	rBV	108562	259813	5.28%	2.155%
3	7.952	986	992	1001	rVB	242596	530438	10.77%	4.399%
4	8.311	1042	1051	1061	rBV	75288	168996	3.43%	1.401%
5	8.842	1130	1138	1150	rBV	342584	682204	13.86%	5.657%
6	10.323	1372	1381	1389	rBV	510851	919001	18.67%	7.621%
7	11.634	1588	1596	1605	rBV	409715	694725	14.11%	5.761%
8	12.621	1750	1758	1766	rBV	314943	538133	10.93%	4.463%
9	13.255	1856	1862	1868	rBV	51884	80893	1.64%	0.671%
10	13.560	1905	1912	1921	rBV	354047	608896	12.37%	5.049%
11	13.762	1939	1945	1961	rVB	185641	364484	7.40%	3.023%
12	14.072	1989	1996	2006	rVB3	58882	138118	2.81%	1.145%
13	14.207	2013	2018	2023	rBV	41174	69237	1.41%	0.574%
14	14.493	2061	2065	2073	rVB2	26179	50528	1.03%	0.419%
15	14.688	2093	2097	2108	rVB2	41244	74631	1.52%	0.619%
16	14.810	2109	2117	2122	rBV2	69765	131694	2.68%	1.092%
17	15.365	2201	2208	2217	rBV	2763167	4922892	100.00%	40.824%
18	15.469	2219	2225	2240	rVB2	64904	176577	3.59%	1.464%
19	16.444	2377	2385	2397	rVB	433664	946441	19.23%	7.849%
20	16.645	2410	2418	2431	rVB	273478	599593	12.18%	4.972%

Sum of corrected areas: 12058860

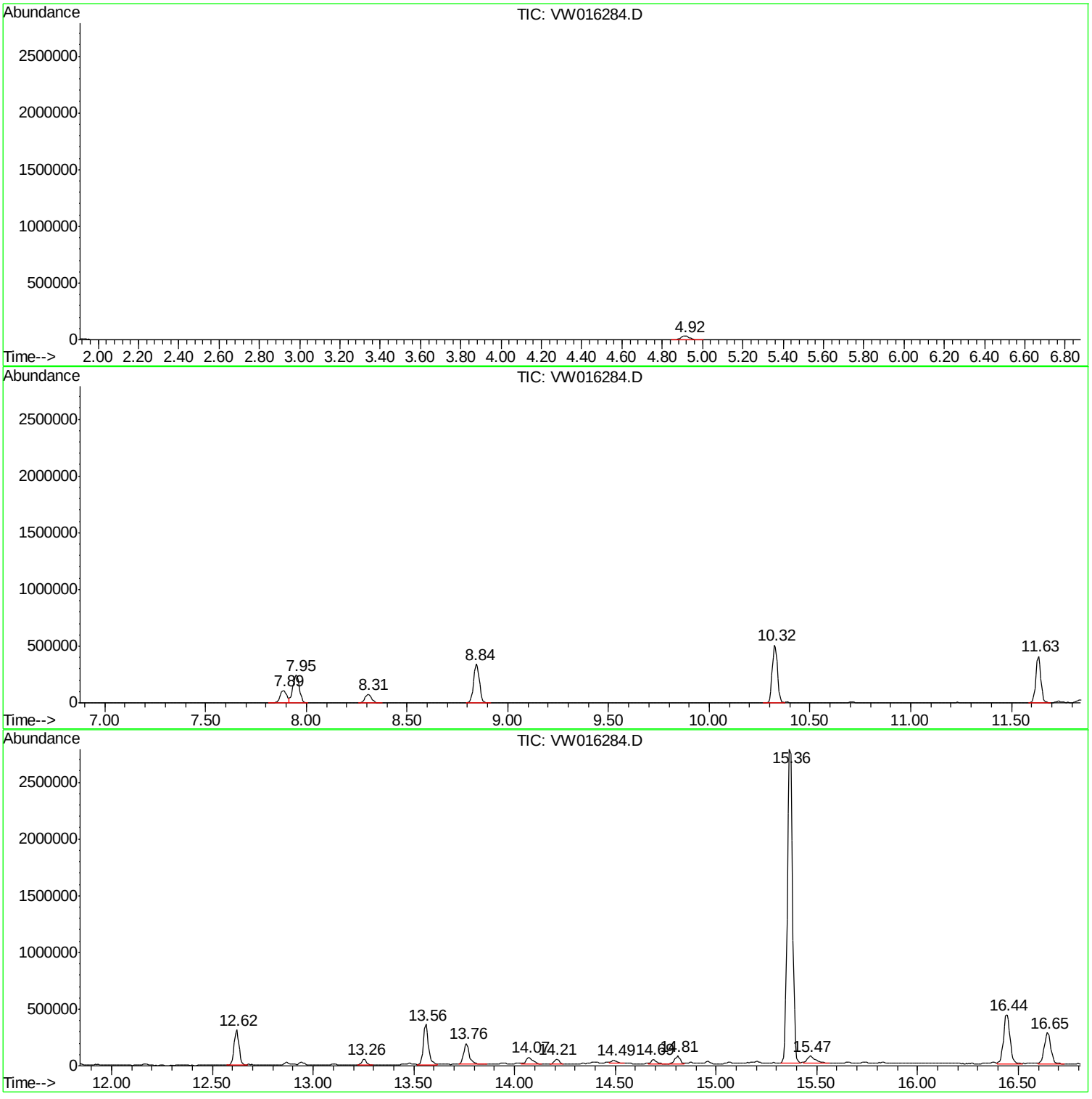
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

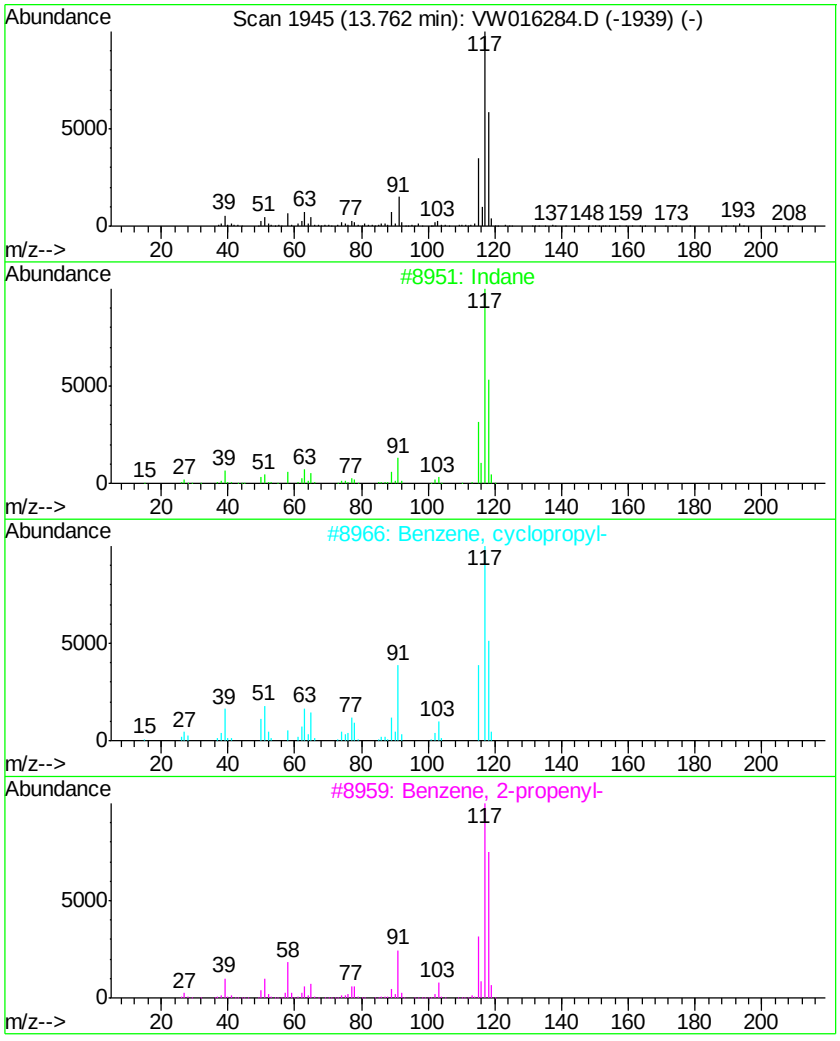
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

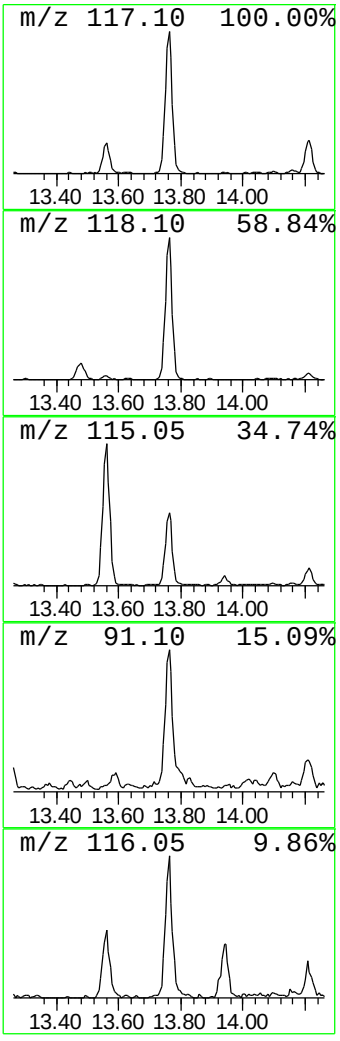
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	29.93 ug/l	364484	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

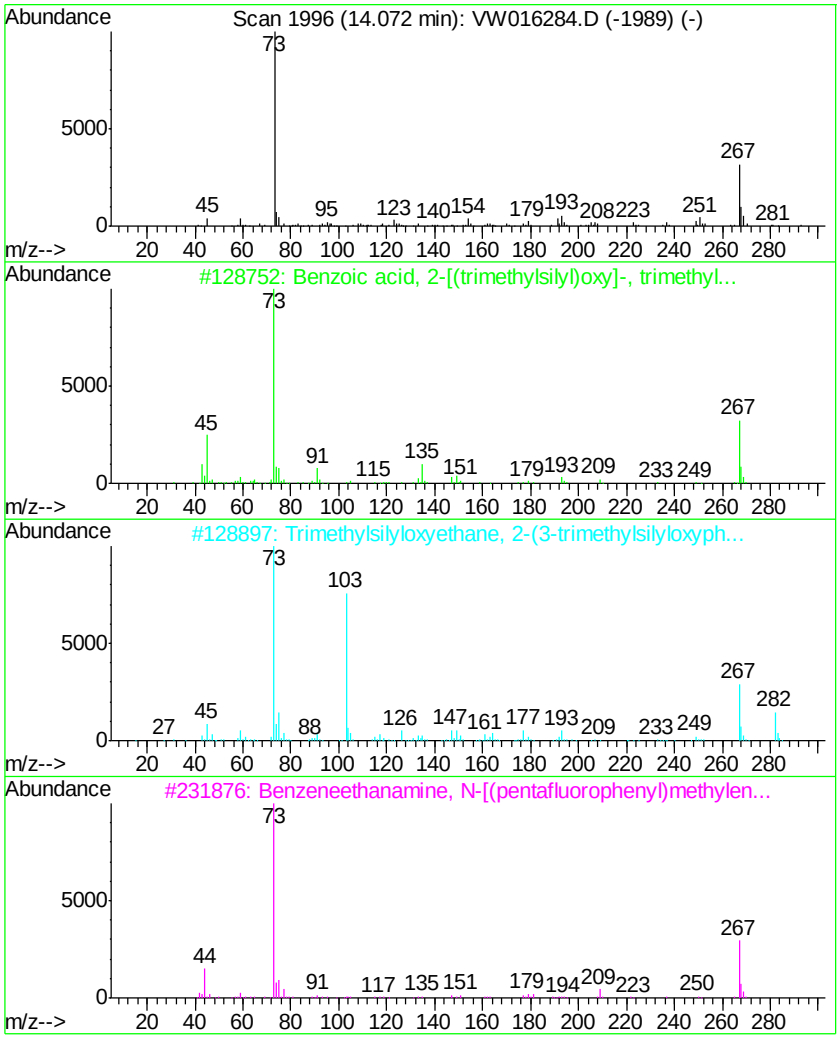
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

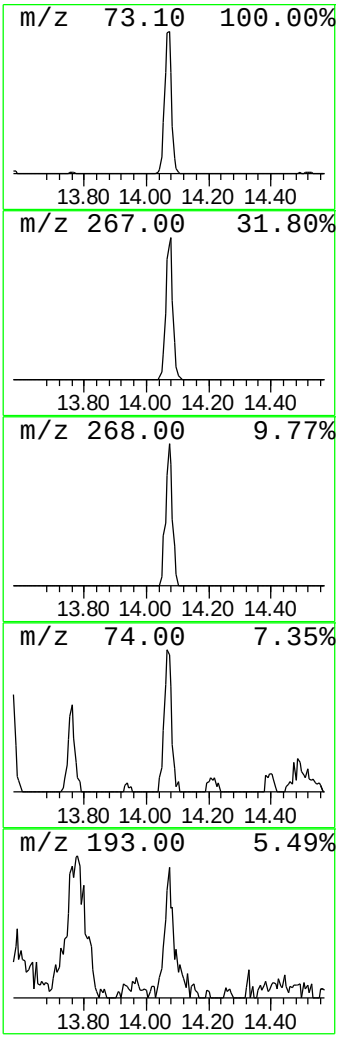
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzoic acid, 2-[(trimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	11.34 ug/l	138118	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	59
2	Trimethylsilyloxyethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	42
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	32
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	30
5	3,5-Dimethoxyphenylacetic acid, ...	268	C13H20O4Si	1000071-82-4	16





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

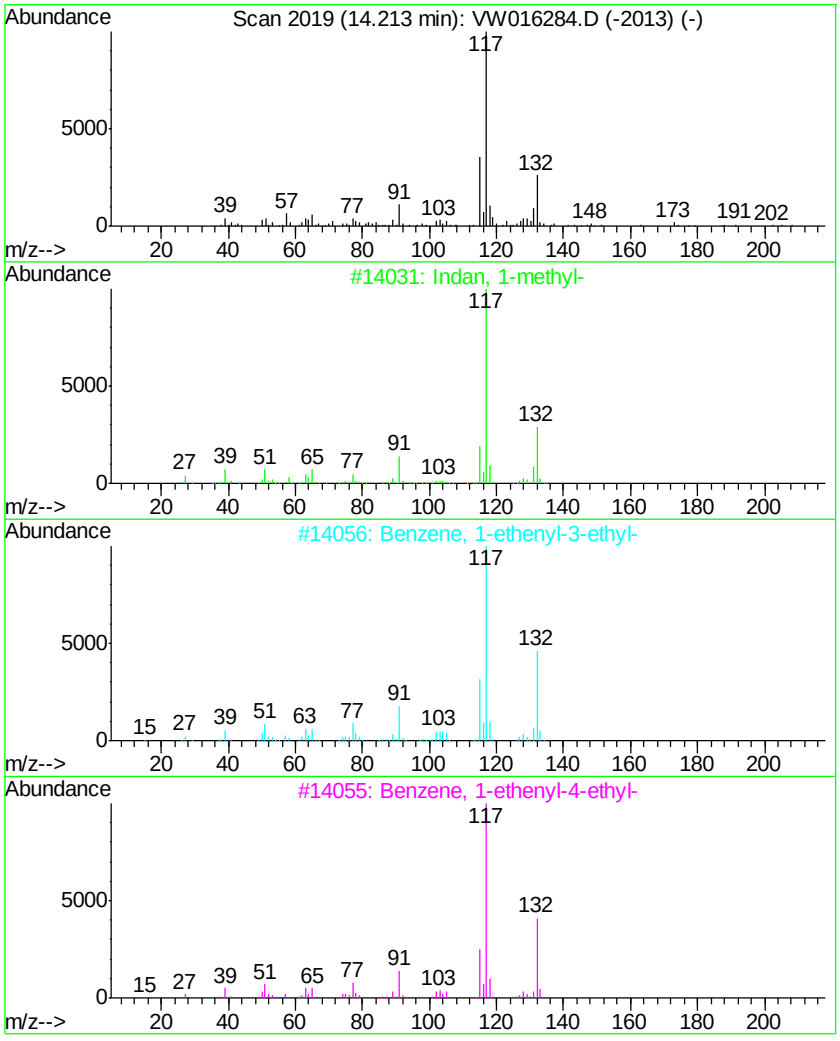
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

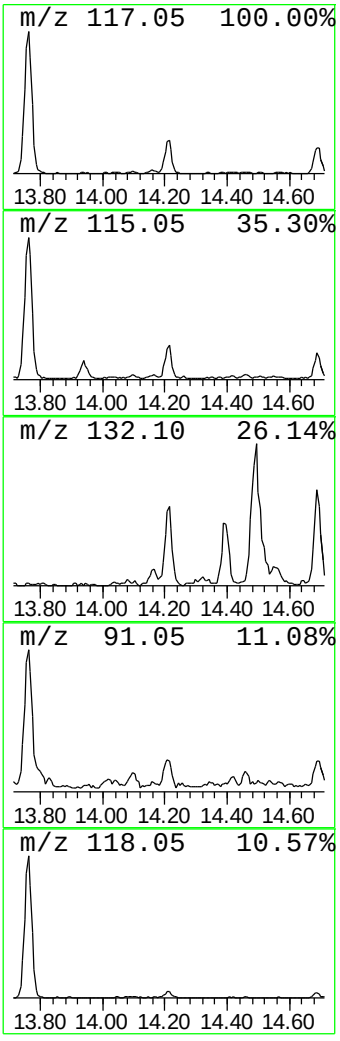
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	5.69 ug/l	69237	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

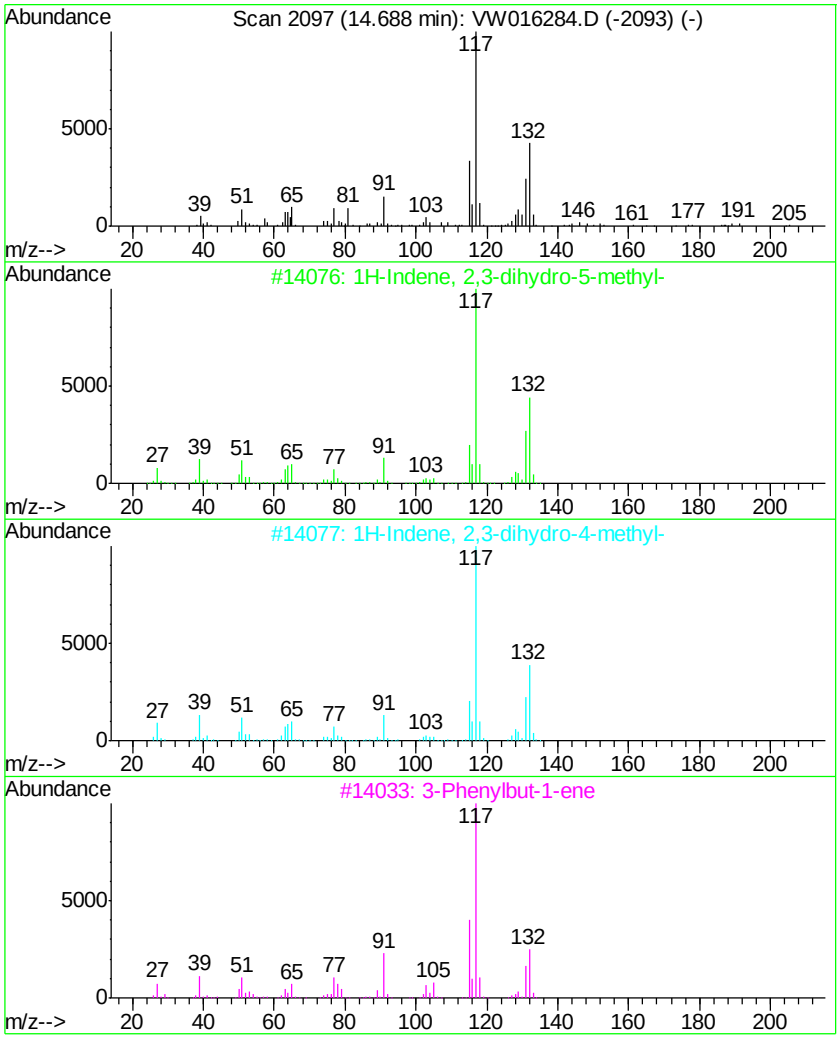
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

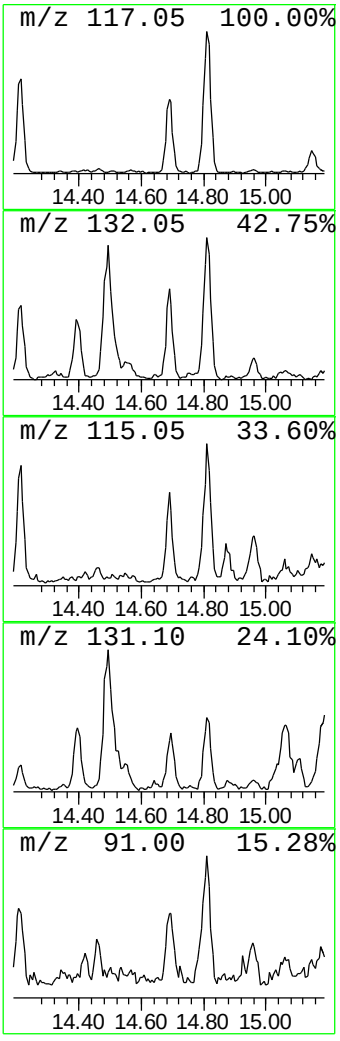
****

Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.13 ug/l	74631	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

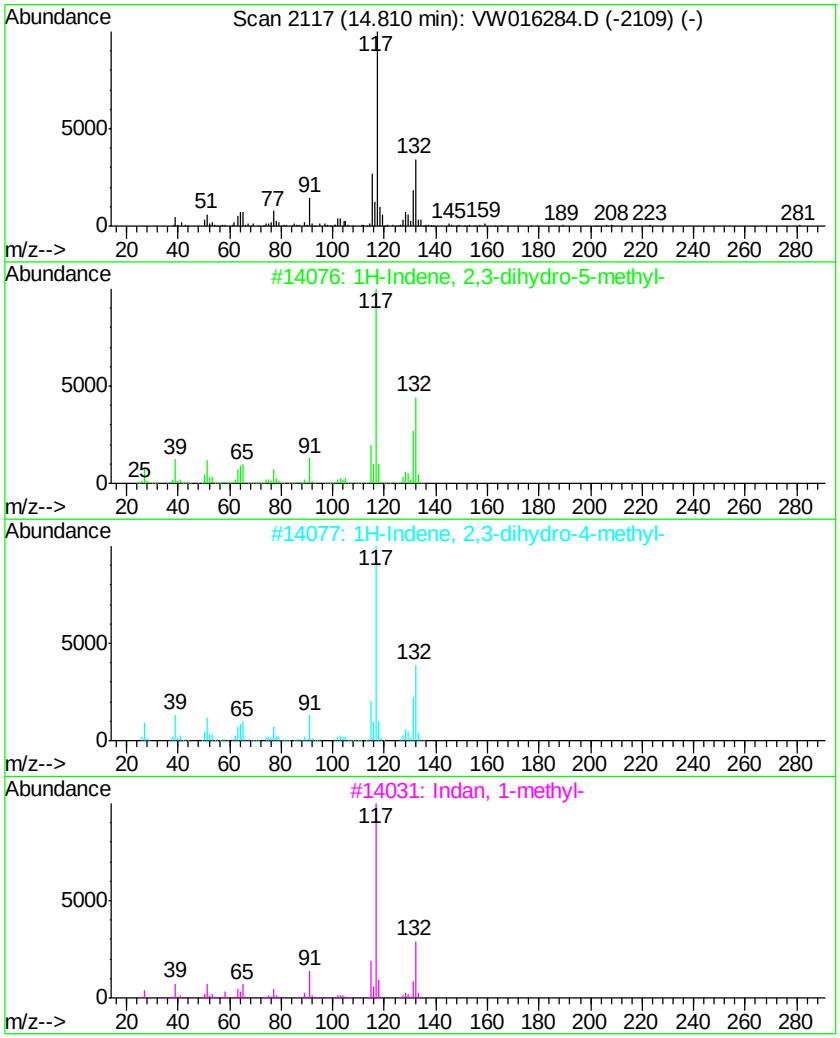
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

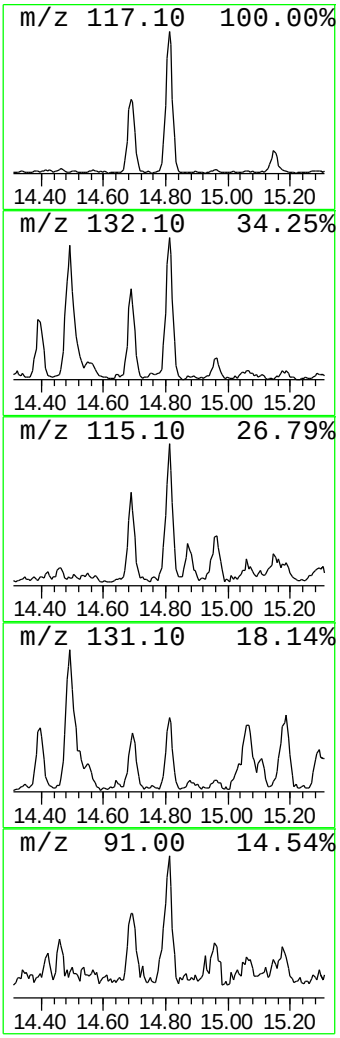
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	10.81 ug/l	131694	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

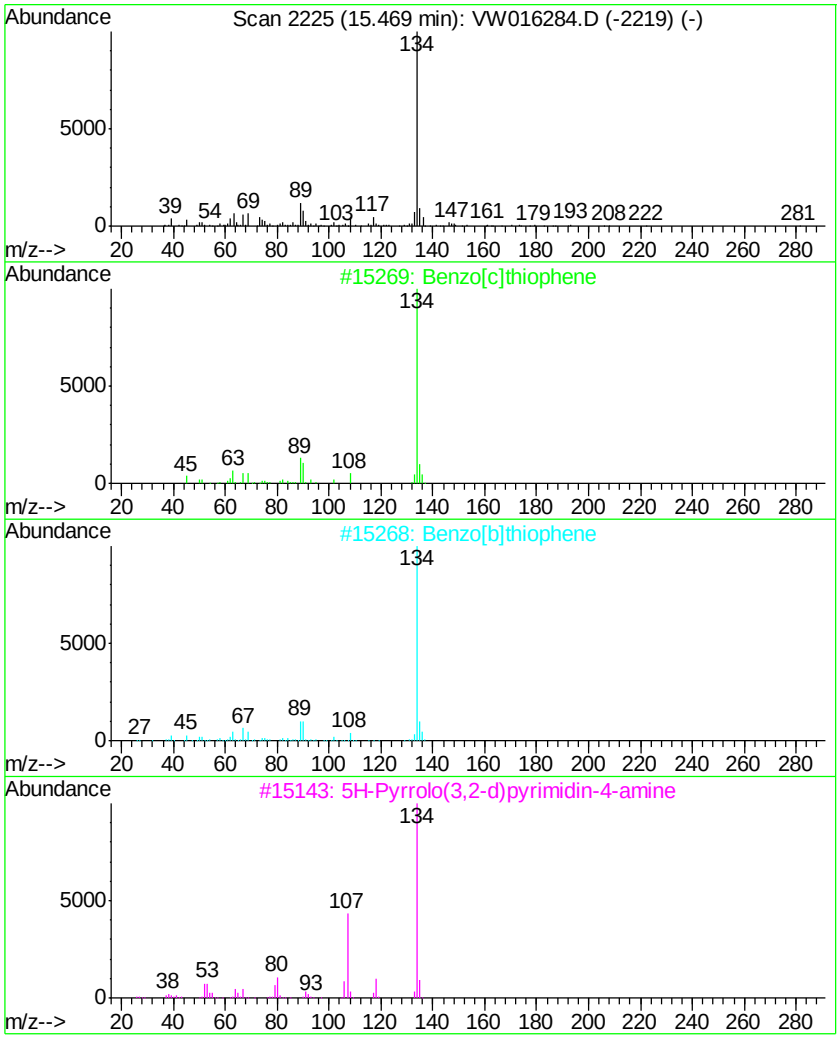
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

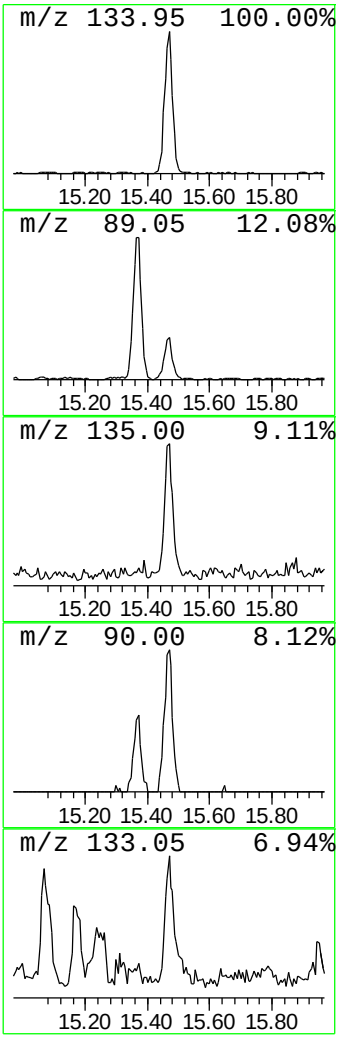
****

Peak Number 6 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	14.50 ug/l	176577	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
3	5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	59
4	6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7NO2S	1000300-90-1	56
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	47





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Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

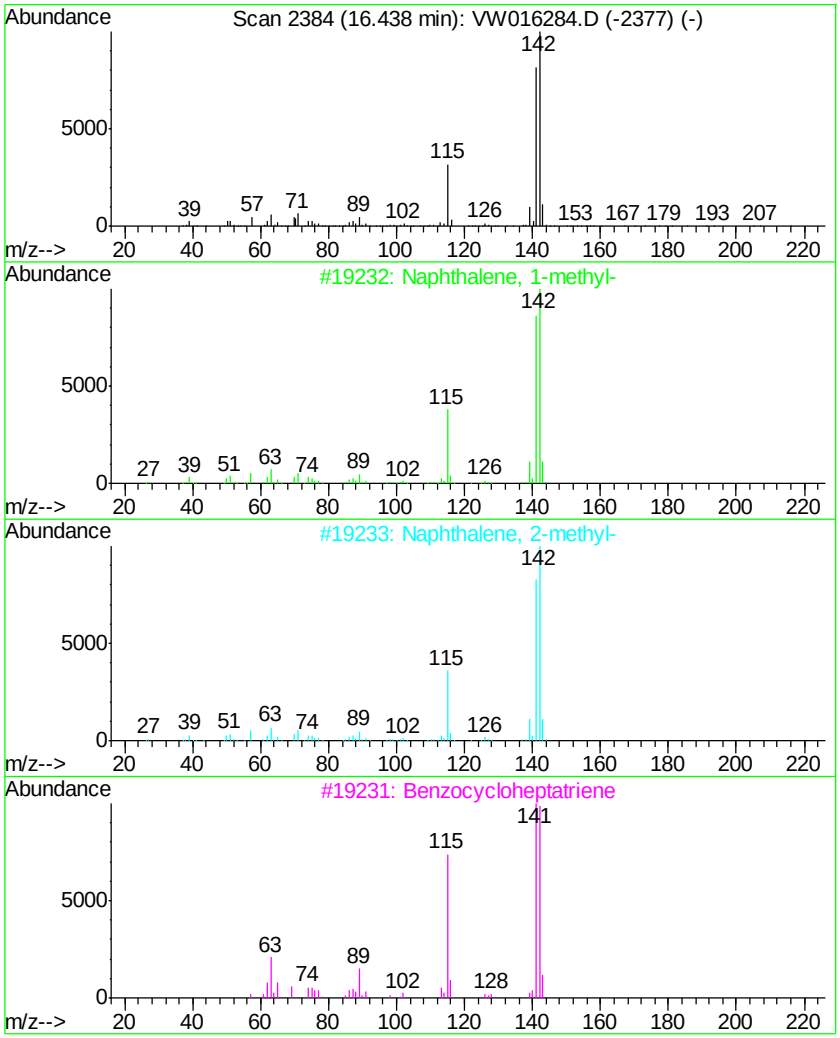
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

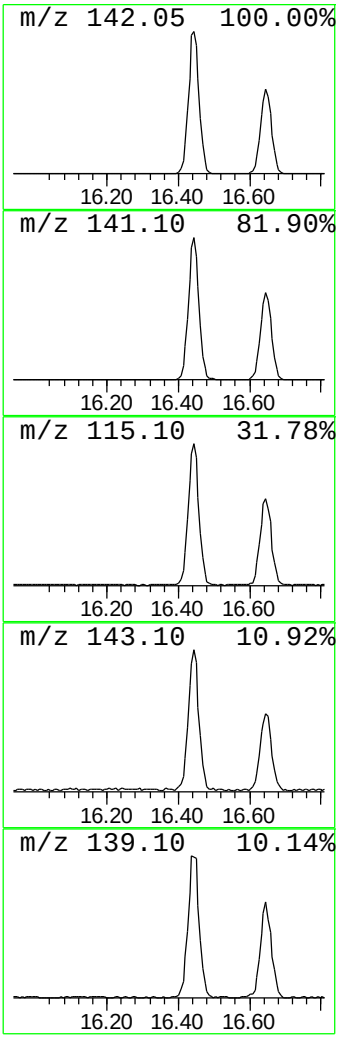
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	77.72 ug/l	946441	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

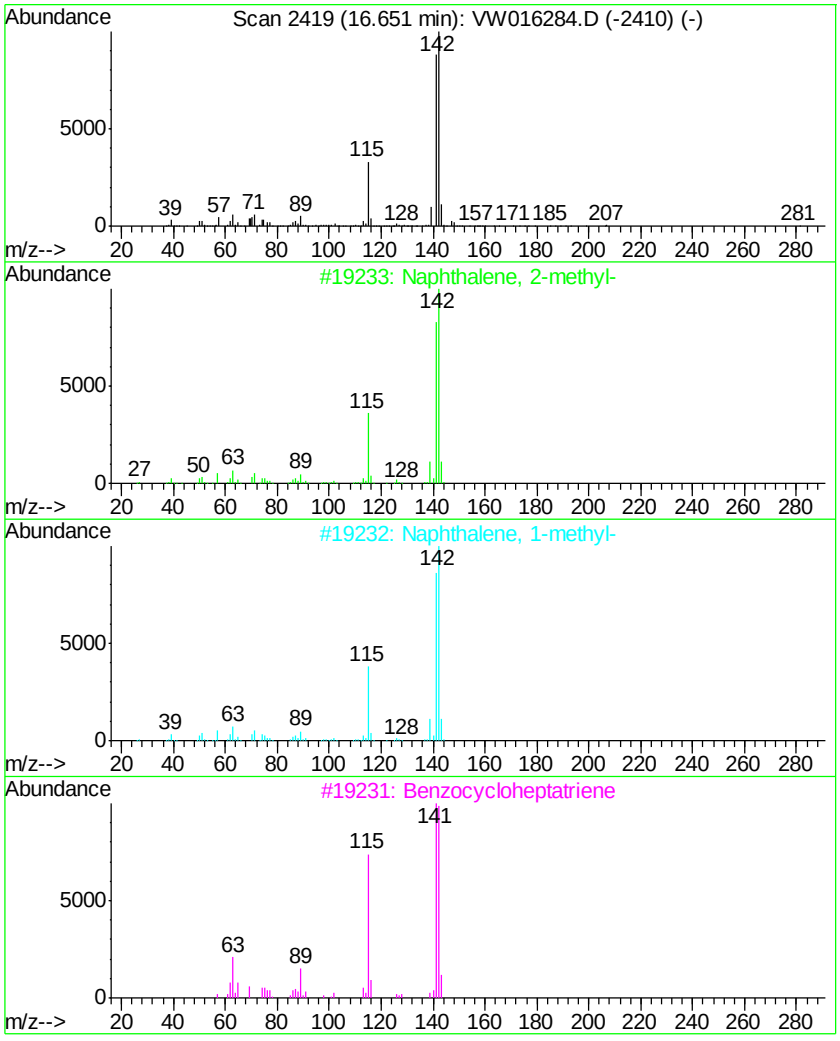
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

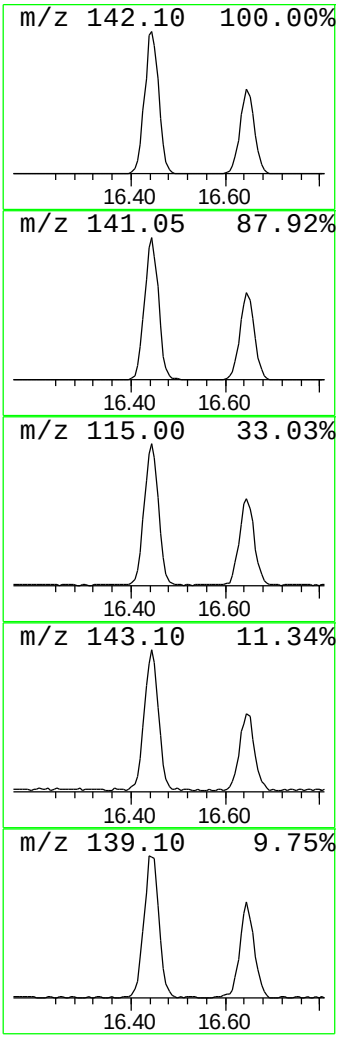
****

Peak Number 8 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	49.24 ug/l	599593	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
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ALS Vial : 22 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.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
Indane	13.76	29.9	ug/l	364484	4	13.56	608896	50.0
Benzoic acid, 2-[...	14.07	11.3	ug/l	138118	4	13.56	608896	50.0
Indan, 1-methyl-	14.21	5.7	ug/l	69237	4	13.56	608896	50.0
1H-Indene, 2,3-di...	14.69	6.1	ug/l	74631	4	13.56	608896	50.0
1H-Indene, 2,3-di...	14.81	10.8	ug/l	131694	4	13.56	608896	50.0
Benzo[c]thiophene	15.47	14.5	ug/l	176577	4	13.56	608896	50.0
Naphthalene, 1-me...	16.44	77.7	ug/l	946441	4	13.56	608896	50.0
Benzocycloheptatr...	16.65	49.2	ug/l	599593	4	13.56	608896	50.0