LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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_D\Method\82D012622S.M
Title : SW846 8260

Signal : TIC: VD072001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.914	1008	1019	1024	rBV2	310616	752456	20.54%	2.935%
2	7.979	1024	1030	1040	rVB	581278	1266319	34.56%	4.939%
3	8.326	1080	1089	1100	rBV2	286674	655399	17.89%	2.556%
4	8.861	1169	1180	1194	rBV	910084	1807967	49.35%	7.052%
5	10.337	1422	1431	1444	rBV	1408287	2555388	69.75%	9.967%
6	10.714	1488	1495	1502	rBV2	22215	43004	1.17%	0.168%
7	11.584	1608	1643	1645	rBV2	144473	756733	20.65%	2.952%
8	11.637	1645	1652	1672	rVB	1503678	2896877	79.07%	11.299%
9	12.543	1785	1806	1813	rBV4	127043	644205	17.58%	2.513%
10	12.620	1813	1819	1835	rVB	1071707	1955350	53.37%	7.627%
11	12.955	1855	1876	1901	rBV3	281345	1720207	46.95%	6.710%
12	13.384	1930	1949	1960	rBV4	350495	1520893	41.51%	5.932%
13	13.520	1962	1972	1974	rVV3	179489	568969	15.53%	2.219%
14	13.561	1974	1979	1987	rVB	1411550	2349512	64.13%	9.164%
15	13.920	2027	2040	2046	rBV8	33804	130552	3.56%	0.509%
16	14.002	2046	2054	2064	rVV4	89898	335794	9.17%	1.310%
17	14.084	2064	2068	2081	rVB5	23733	65747	1.79%	0.256%
18	14.343	2099	2112	2123	rBV6	36047	118652	3.24%	0.463%
19	14.578	2141	2152	2164	rVB4	63544	214777	5.86%	0.838%
20	14.802	2182	2190	2199	rVB6	23683	70271	1.92%	0.274%
21	14.990	2206	2222	2236	rBV2	1085405	3663838	100.00%	14.291%
22	15.108	2237	2242	2253	rVB5	18528	53365	1.46%	0.208%
23	15.384	2278	2289	2299	rBV	162811	358979	9.80%	1.400%
24	15.531	2310	2314	2324	rVB9	14185	39007	1.06%	0.152%
25	15.714	2328	2345	2362	rBV	195081	664605	18.14%	2.592%
26	16.478	2467	2475	2484	rBV	116783	267733	7.31%	1.044%
27	16.684	2501	2510	2517	rBV2	69159	161197	4.40%	0.629%

Sum of corrected areas: 25637796

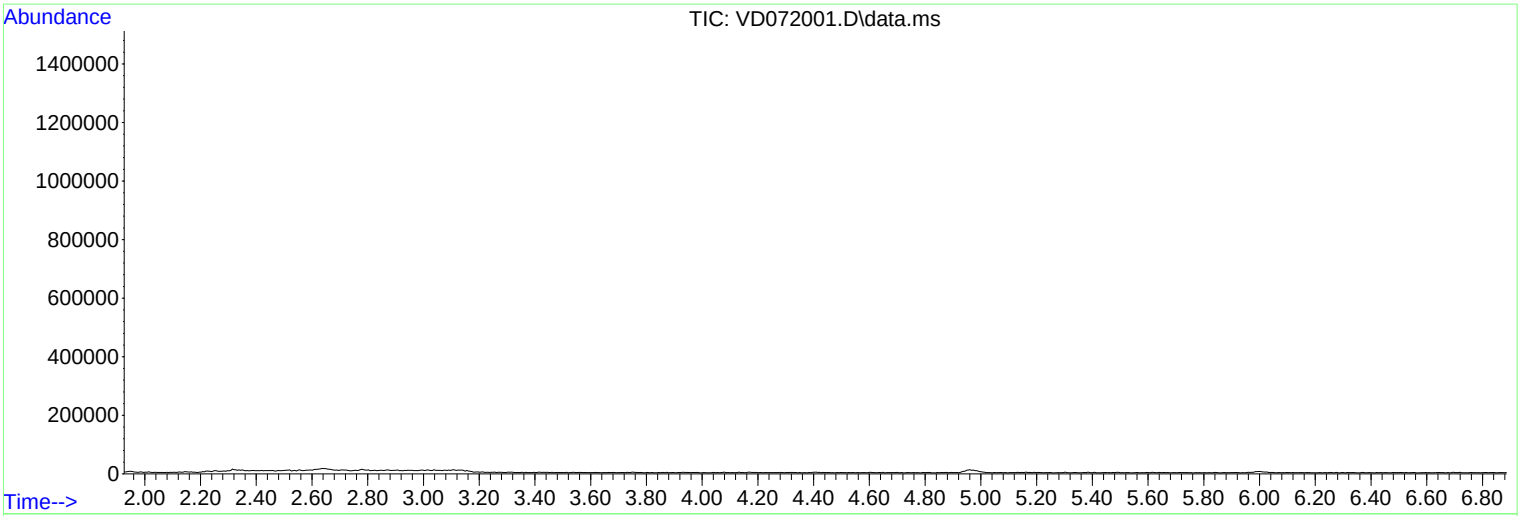
LSC Report - Integrated Chromatogram

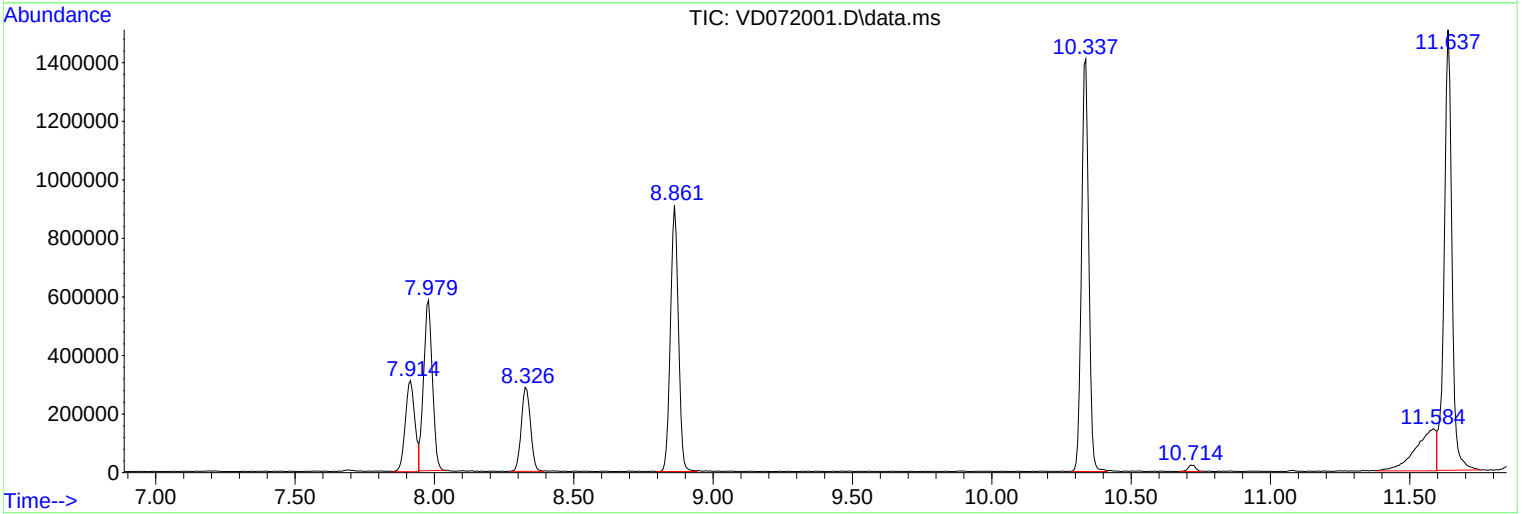
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

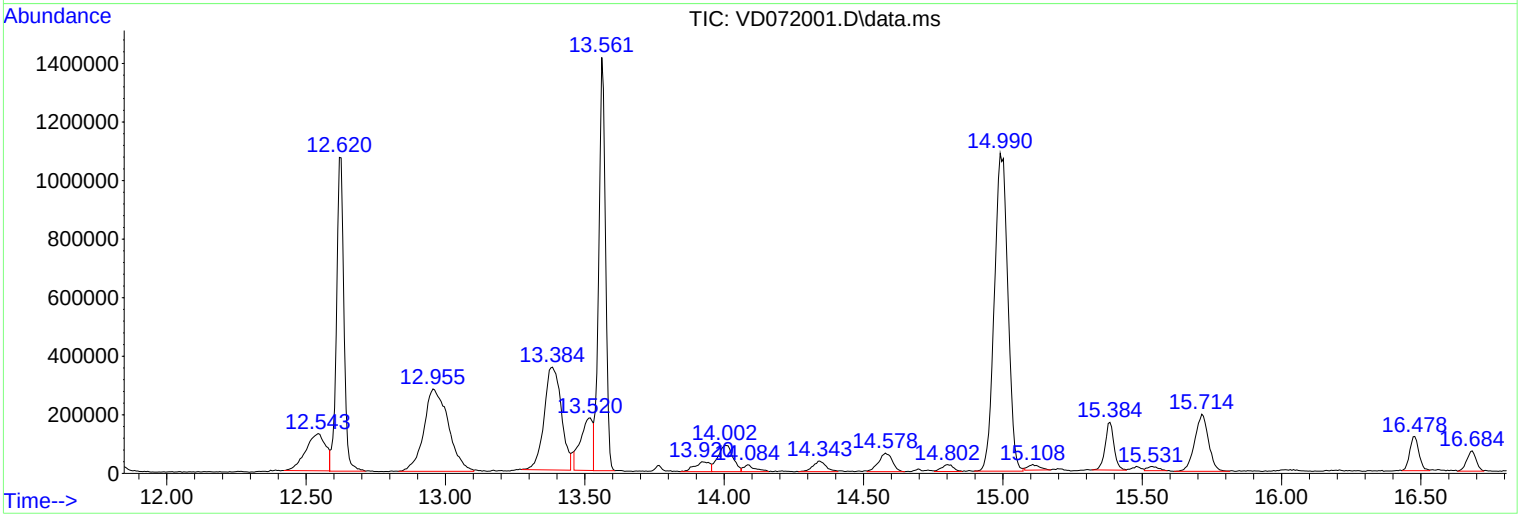
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

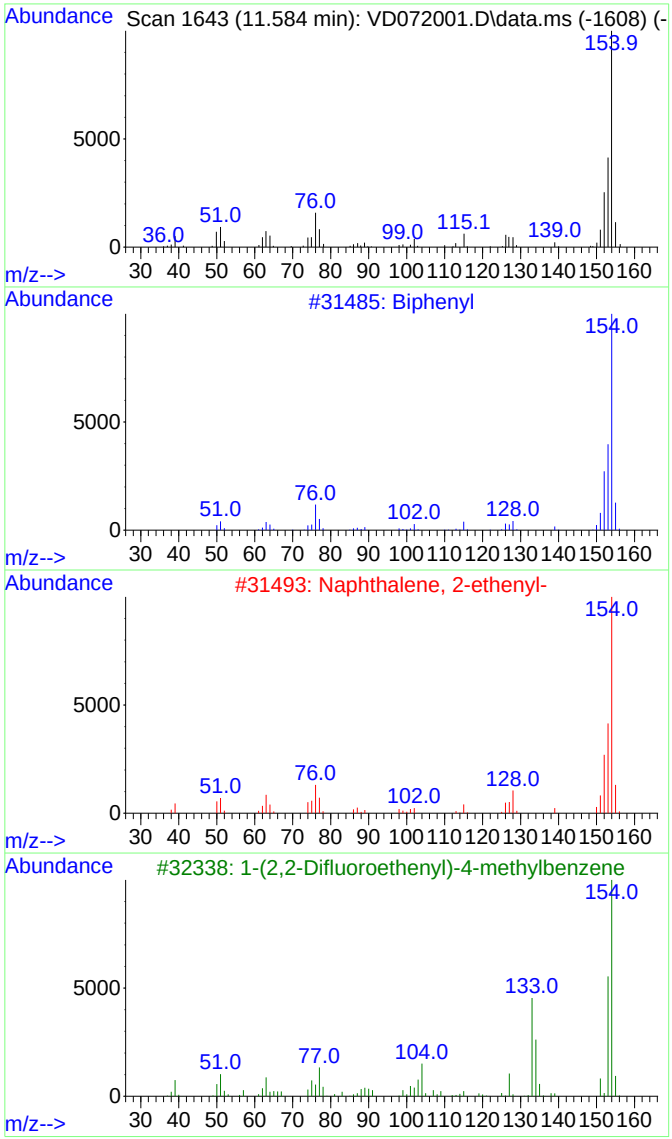
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

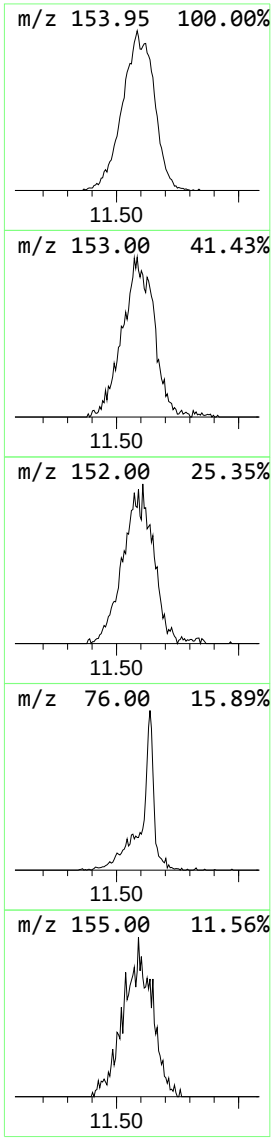
****

Peak Number 1 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.585	13.06 ug/l	756733	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	53
4	Acenaphthene	154	C12H10	000083-32-9	49
5	1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

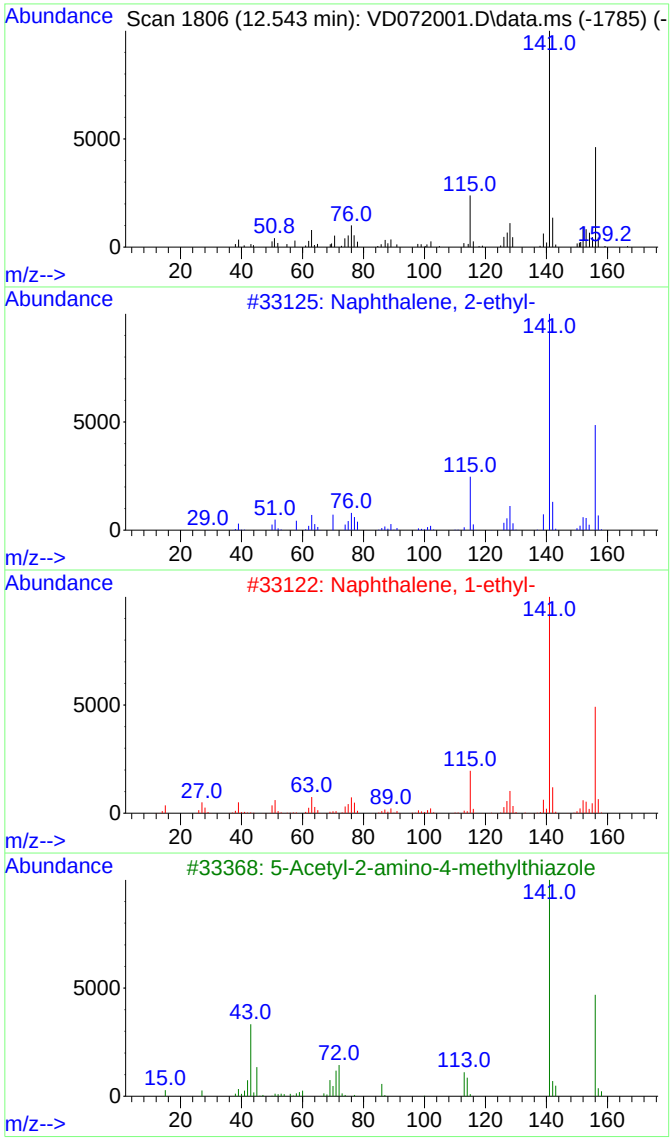
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

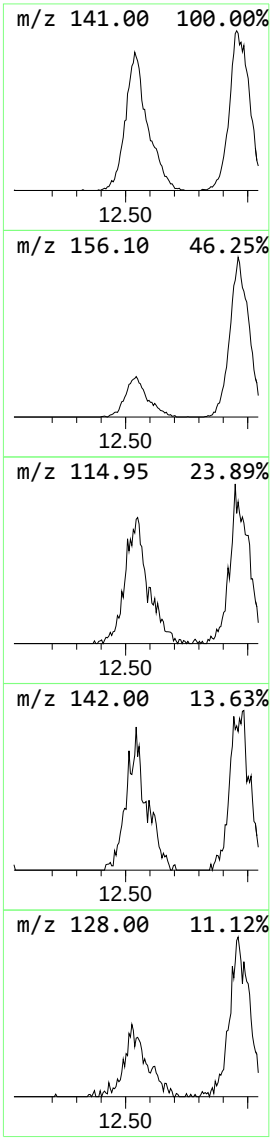
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.543	11.12 ug/l	644205	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

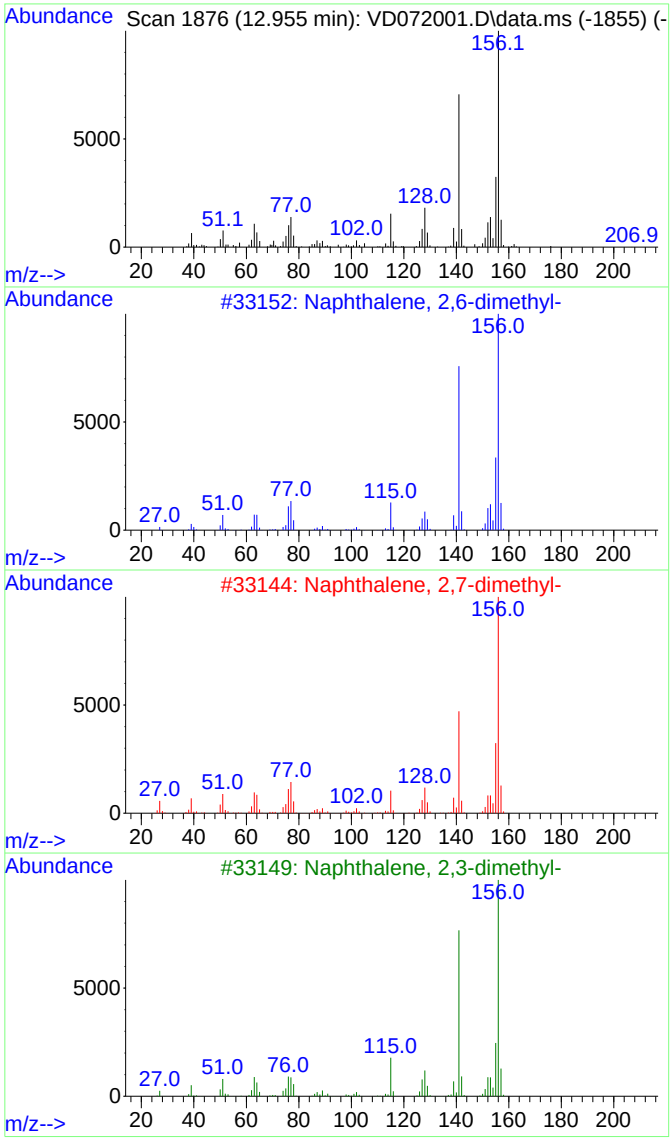
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

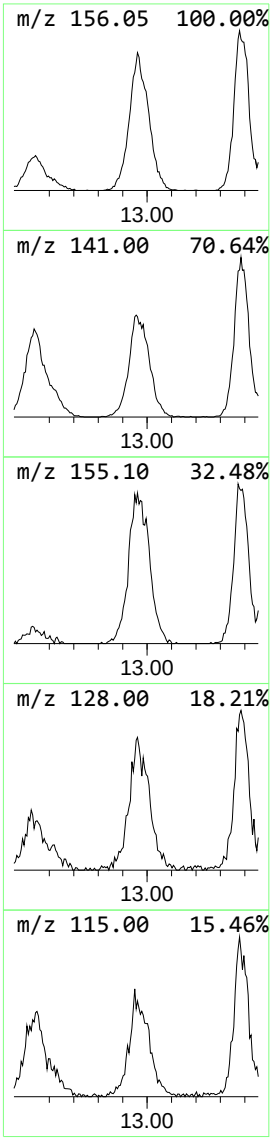
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.955	36.61 ug/l	1720210	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

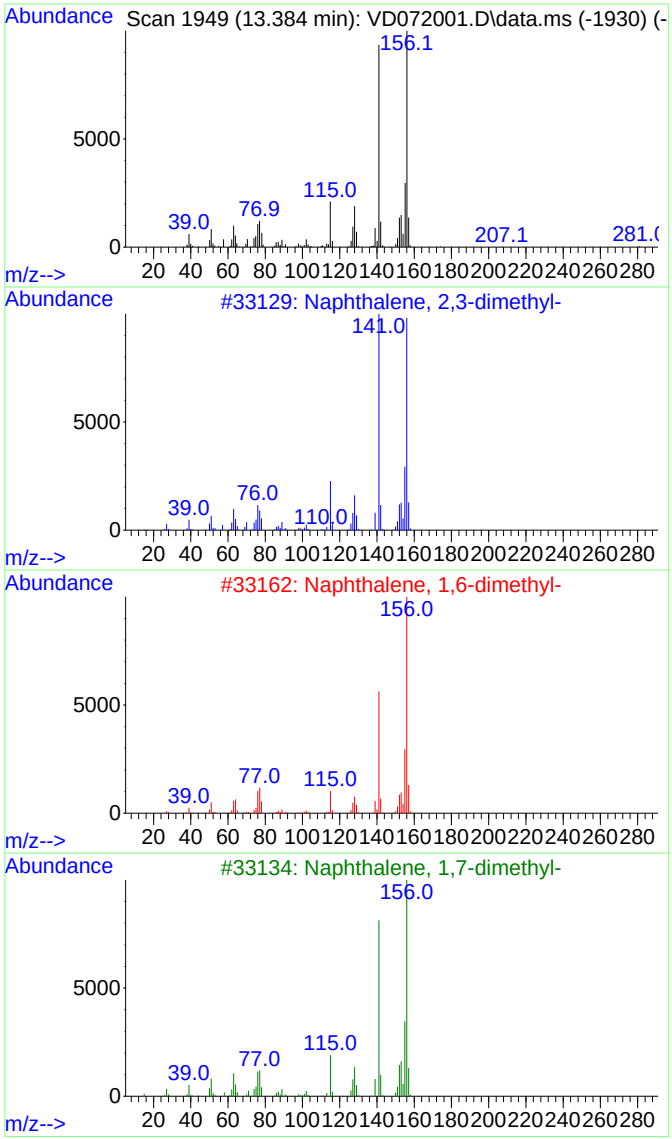
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

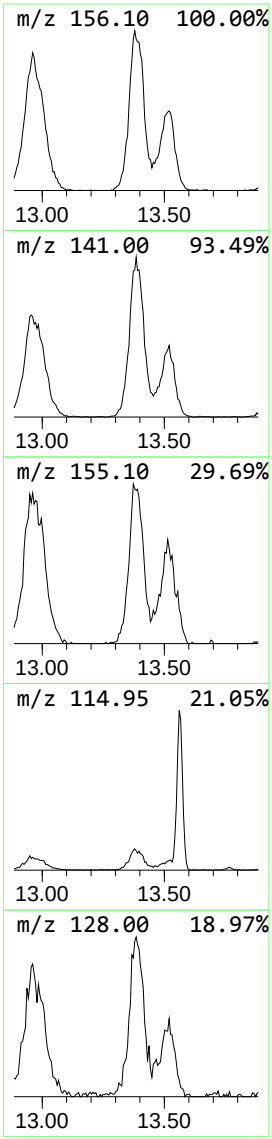
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	32.37 ug/l	1520890	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

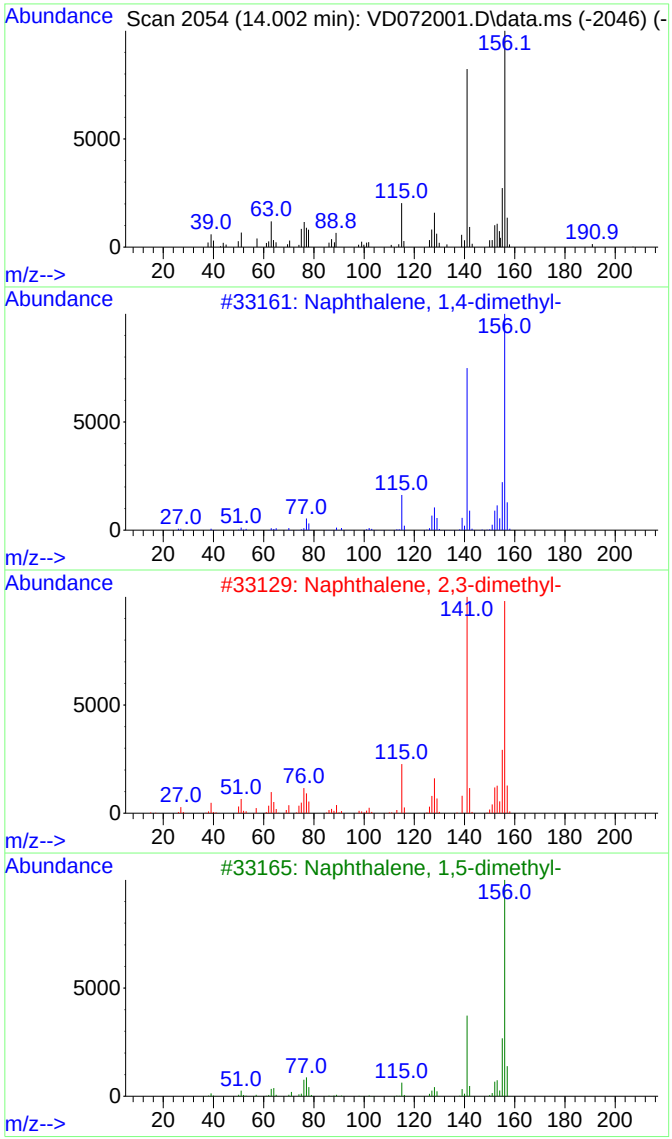
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

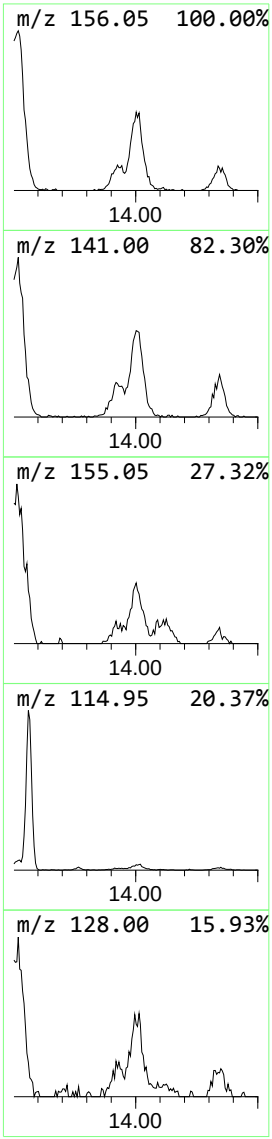
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.002	7.15 ug/l	335794	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

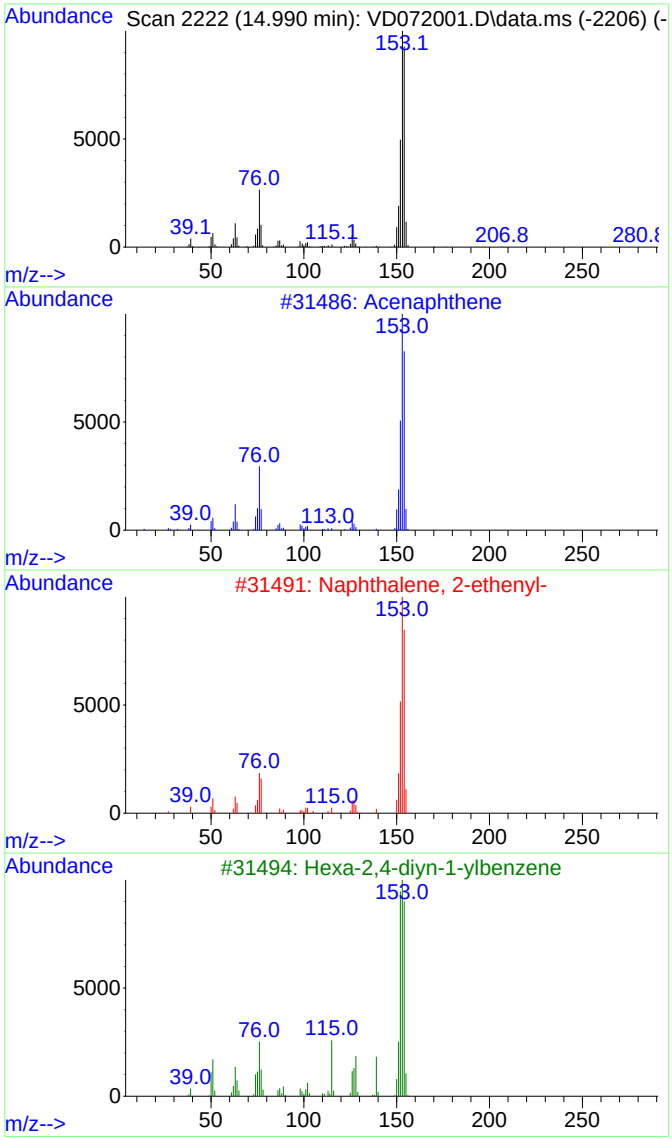
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

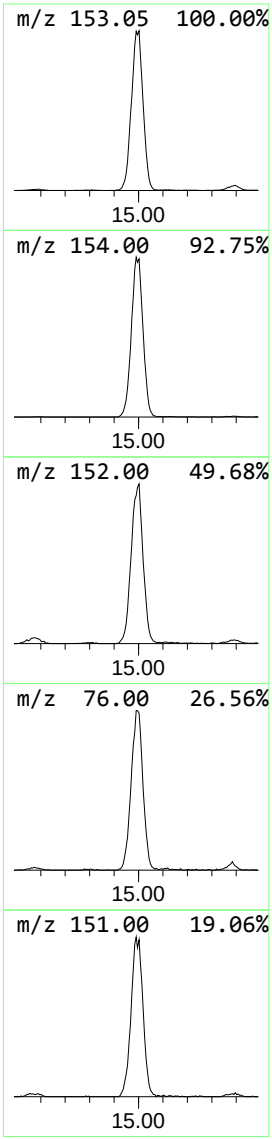
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.990	77.97 ug/l	3663840	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	62
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	58
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

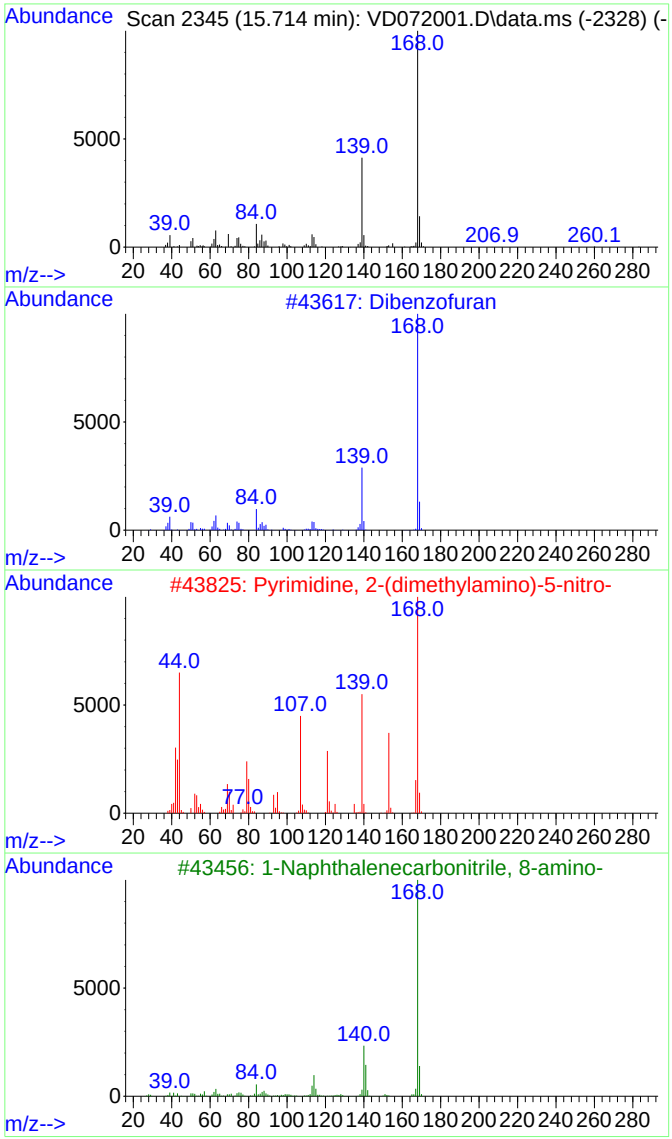
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

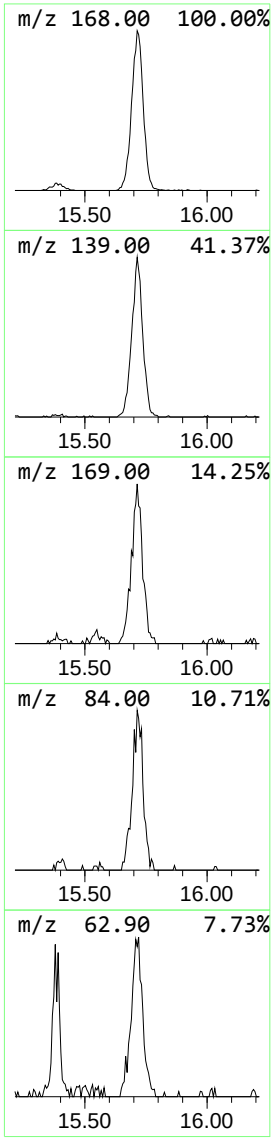
****

Peak Number 7 Dibenzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.714	14.14 ug/l	664605	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	94
2	Pyrimidine, 2-(dimethylamino)-5-...	168	C6H8N4O2	014233-44-4	50
3	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	50
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50
5	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

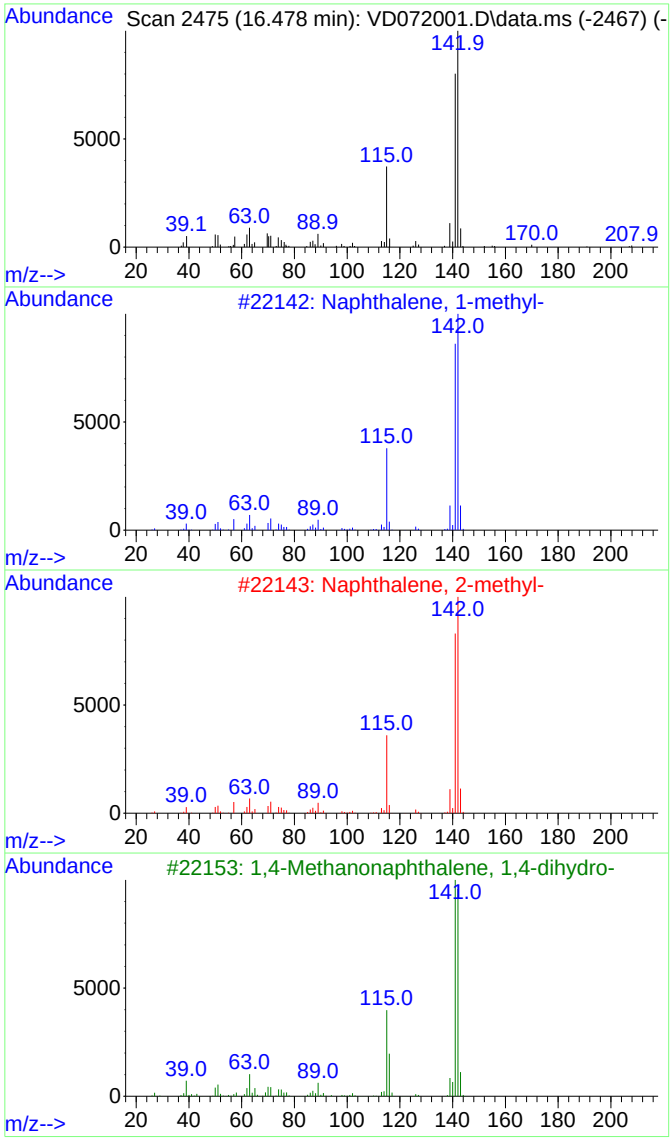
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

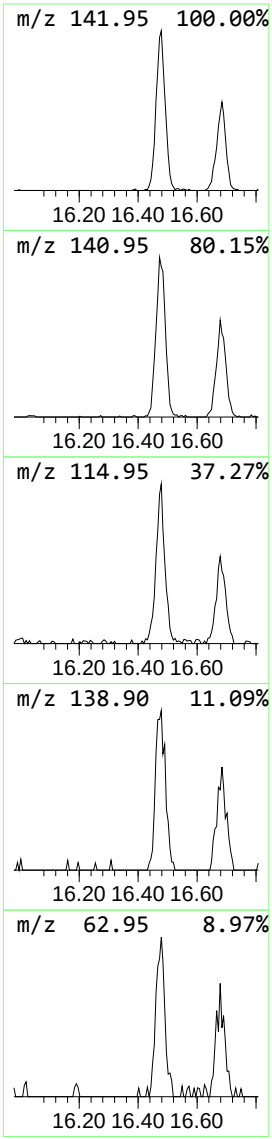
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.478	5.70 ug/l	267733	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD072001.D
Acq On : 16 Feb 2022 19:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Biphenyl	11.585	13.1	ug/l	756733	3	11.637	2896880	50.0
Naphthalene, 2-...	12.543	11.1	ug/l	644205	3	11.637	2896880	50.0
Naphthalene, 2,...	12.955	36.6	ug/l	1720210	4	13.561	2349510	50.0
Naphthalene, 2,...	13.384	32.4	ug/l	1520890	4	13.561	2349510	50.0
Naphthalene, 1,...	14.002	7.1	ug/l	335794	4	13.561	2349510	50.0
Acenaphthene	14.990	78.0	ug/l	3663840	4	13.561	2349510	50.0
Dibenzofuran	15.714	14.1	ug/l	664605	4	13.561	2349510	50.0
Naphthalene, 1-...	16.478	5.7	ug/l	267733	4	13.561	2349510	50.0