LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

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_Y\methods\82Y010224S.M
Title : SW846 8260

Signal : TIC: VY016997.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	11.709	1614	1622	1635	rBV	677735	1188628	1.19%	0.497%
2	12.343	1719	1726	1733	rBV	1451344	2384107	2.39%	0.997%
3	12.745	1786	1792	1795	rBV	657511	1005499	1.01%	0.421%
4	12.825	1801	1805	1811	rVB	846810	1247319	1.25%	0.522%
5	13.130	1849	1855	1861	rBV	2212852	3160696	3.17%	1.322%
6	13.349	1882	1891	1900	rBV2	450936	1067212	1.07%	0.446%
7	13.465	1907	1910	1915	rVB	743518	1098164	1.10%	0.459%
8	13.642	1927	1939	1954	rBV	18090489	27650942	27.75%	11.565%
9	13.818	1962	1968	1975	rBV	3907291	5727339	5.75%	2.395%
10	13.983	1990	1995	2000	rVB	721739	998987	1.00%	0.418%
11	14.093	2008	2013	2024	rVB	1092693	1831262	1.84%	0.766%
12	14.276	2038	2043	2046	rBV	826377	1447373	1.45%	0.605%
13	14.306	2046	2048	2051	rVV	973651	1200947	1.21%	0.502%
14	14.373	2051	2059	2067	rVV2	2073520	5809953	5.83%	2.430%
15	14.574	2087	2092	2098	rBV	2459356	3619268	3.63%	1.514%
16	14.696	2104	2112	2118	rBV2	3493819	5951226	5.97%	2.489%
17	14.757	2118	2122	2130	rVB	1400066	2202454	2.21%	0.921%
18	14.843	2130	2136	2144	rBV	1616426	2528484	2.54%	1.058%
19	14.959	2144	2155	2164	rBV5	335658	1001166	1.00%	0.419%
20	15.257	2196	2204	2212	rVB4	36950553	99646431	100.00%	41.676%
21	15.349	2212	2219	2226	rBV	3376776	5951311	5.97%	2.489%
22	16.312	2369	2377	2389	rVV	24774915	46749860	46.92%	19.553%
23	16.507	2401	2409	2420	rVB	7921080	15626408	15.68%	6.536%

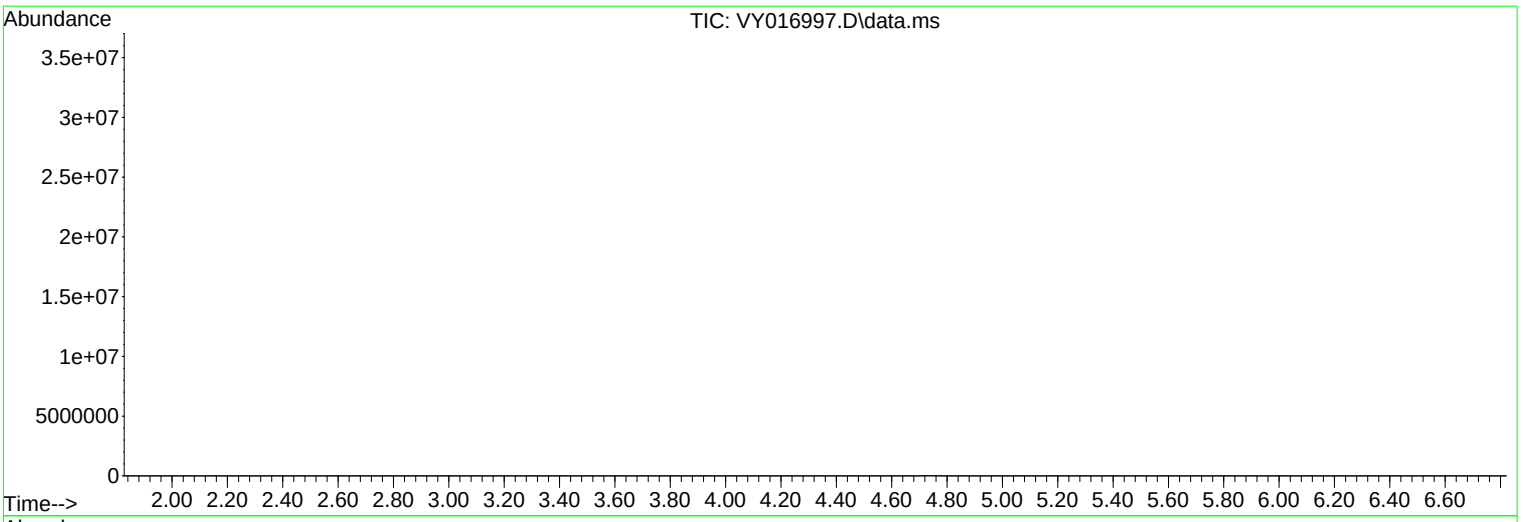
Sum of corrected areas: 239095036

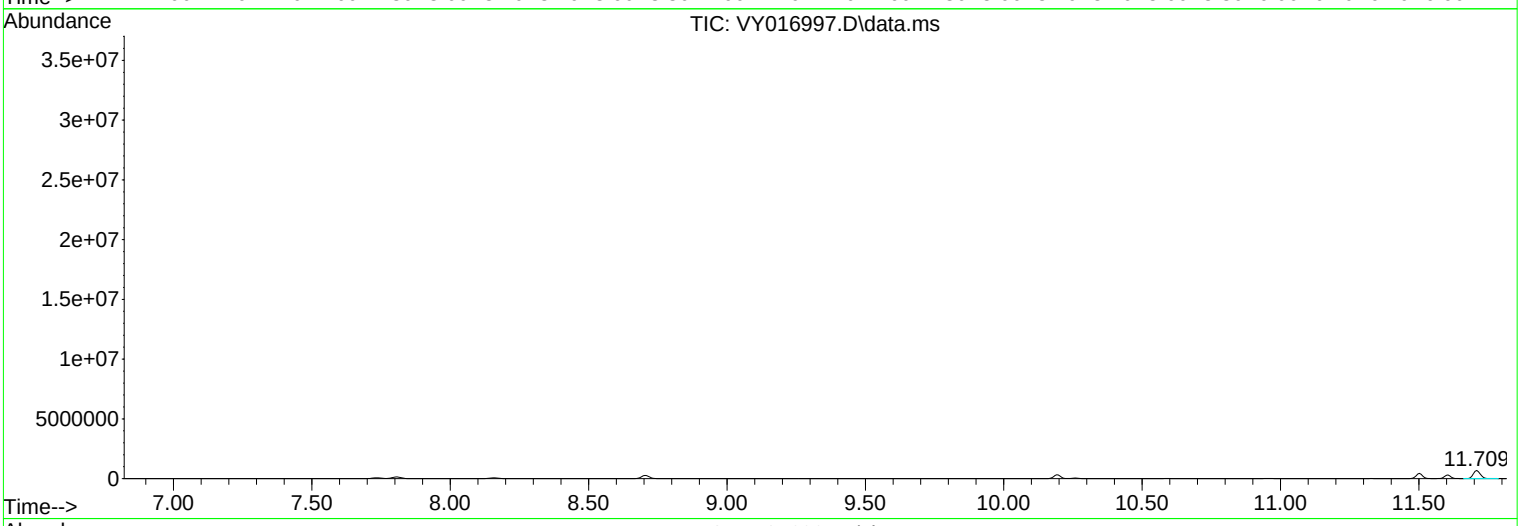
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

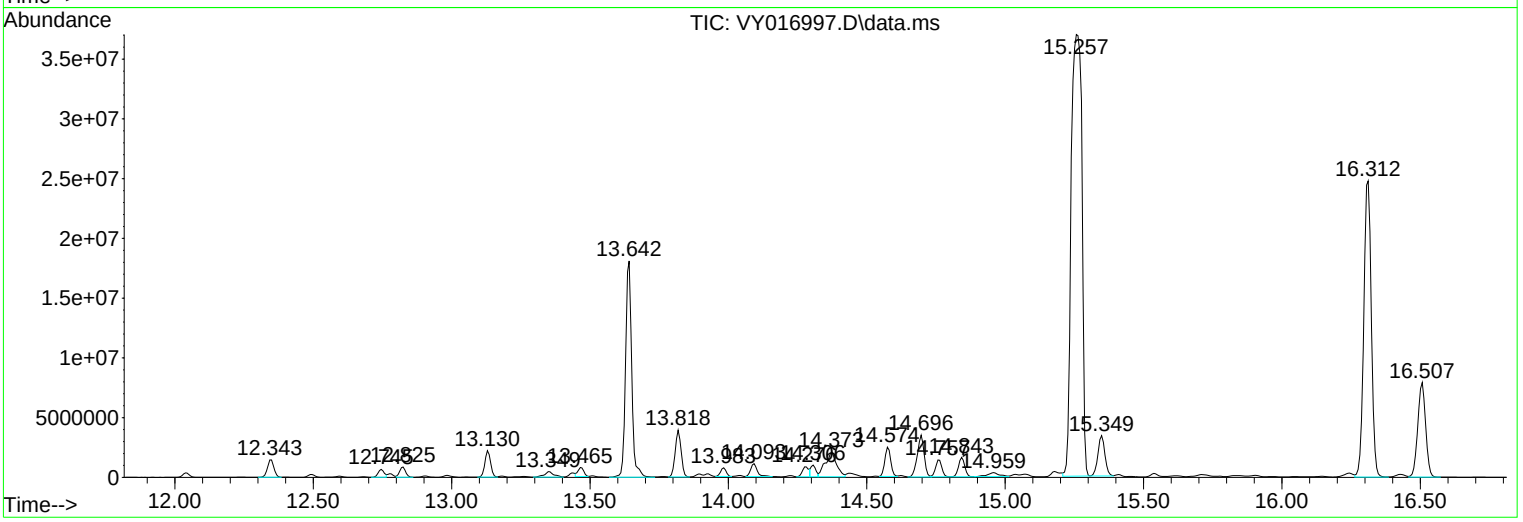
Instrument :
MSVOA_Y
ClientSampleId :
360

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

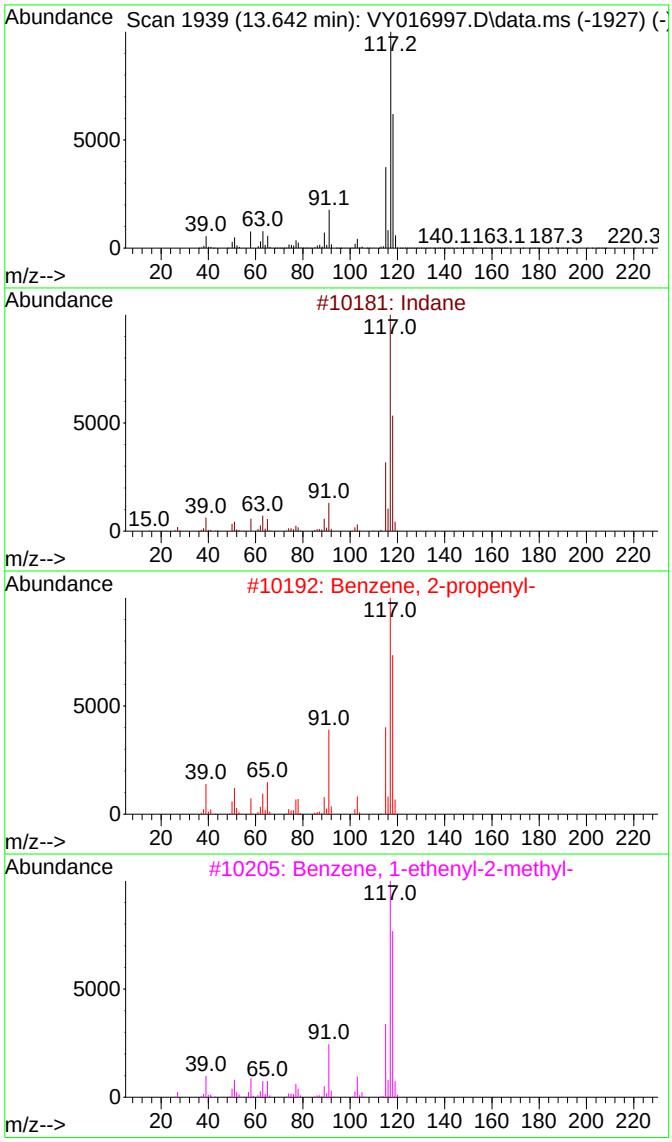
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

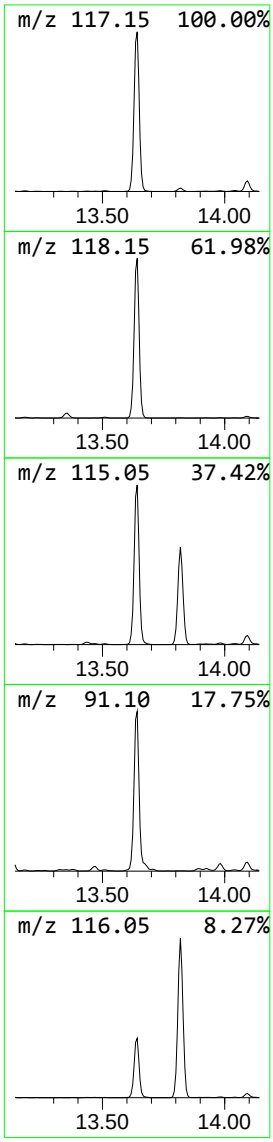
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	1258.96 ug/l	27650900	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

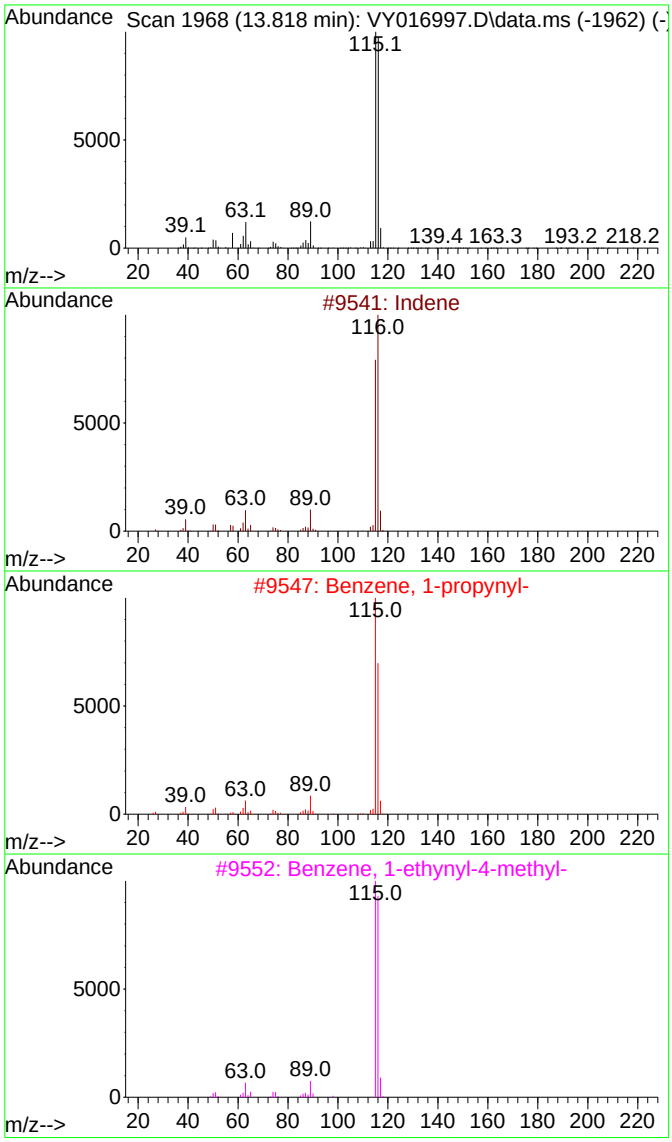
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

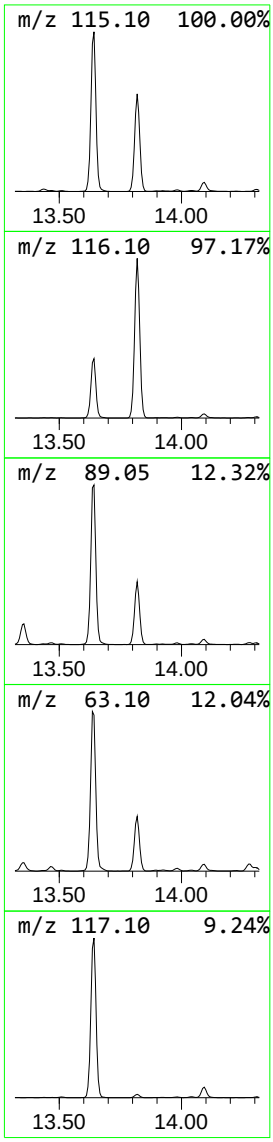
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.819	260.77 ug/l	5727340	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

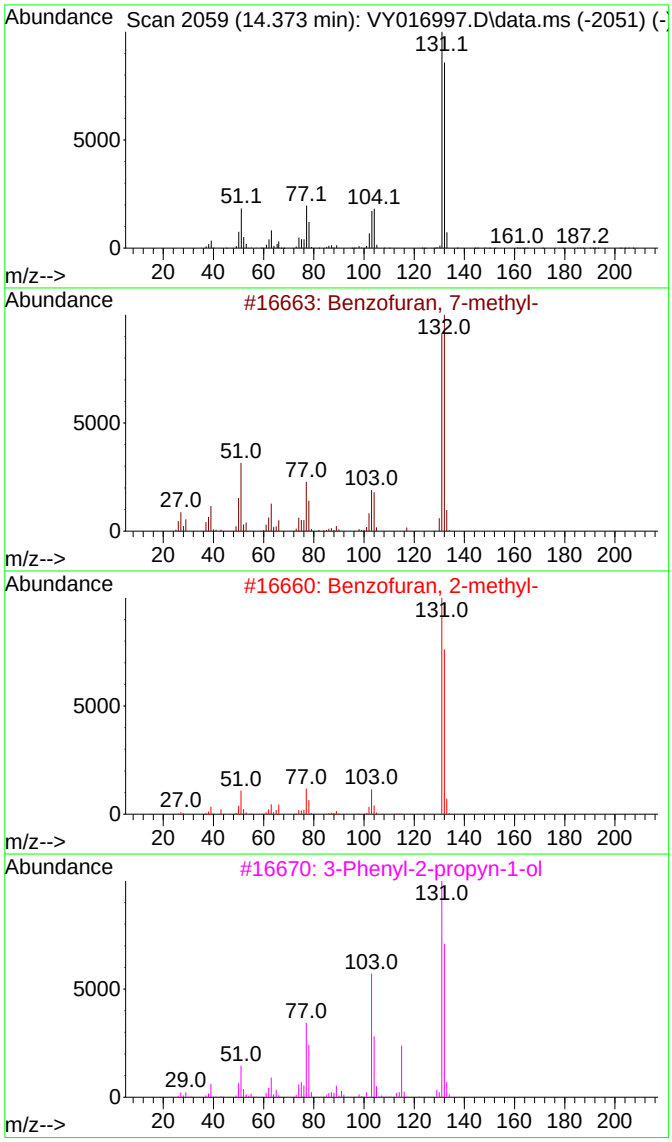
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

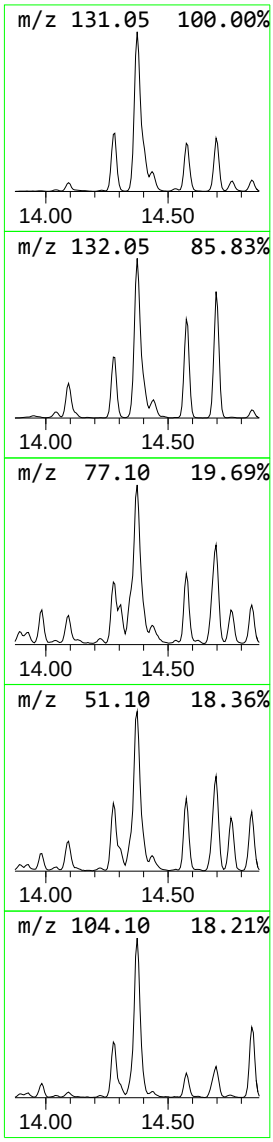
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.373	264.53 ug/l	5809950	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

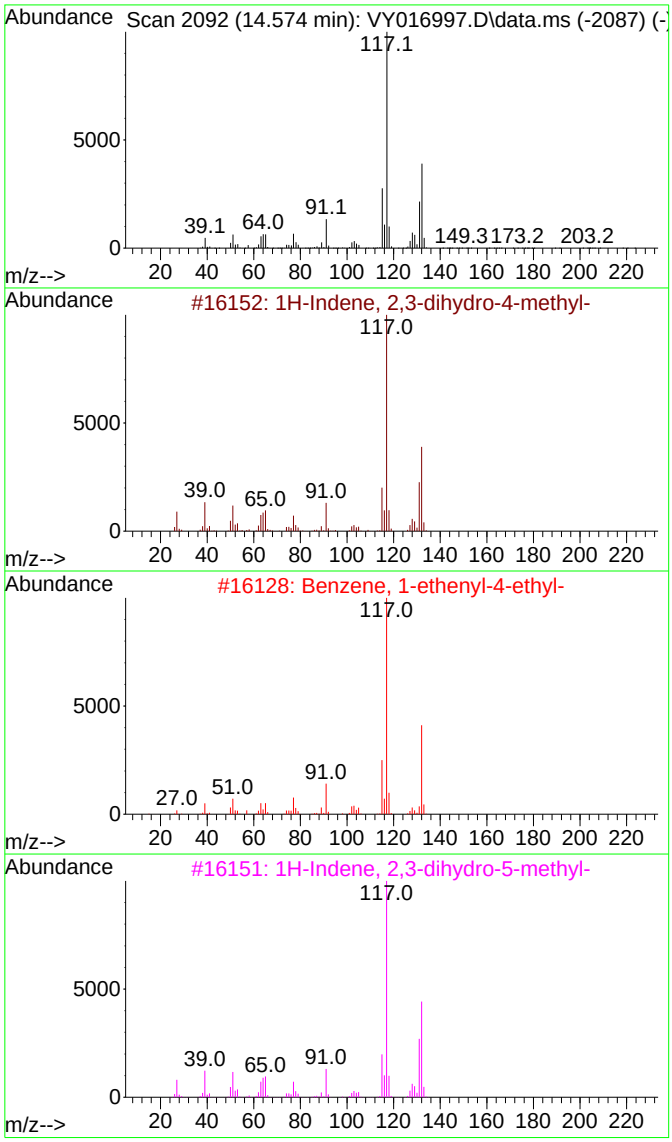
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

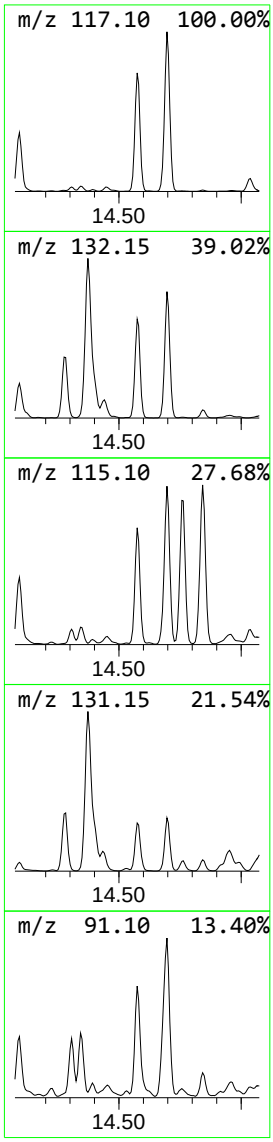
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	164.79 ug/l	3619270	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

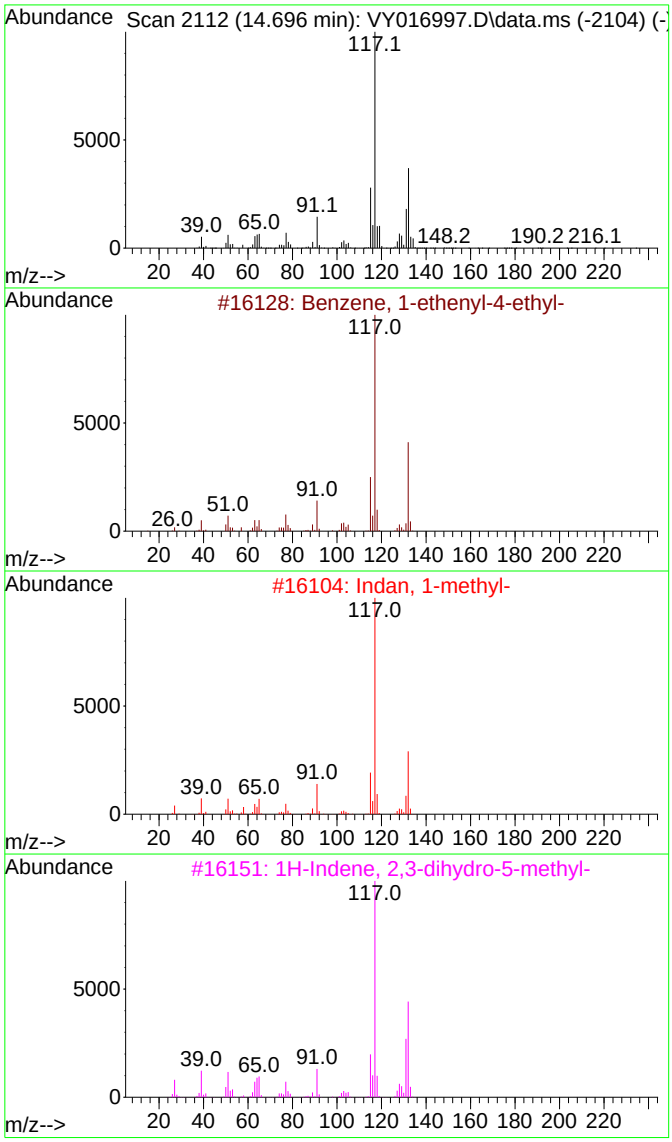
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

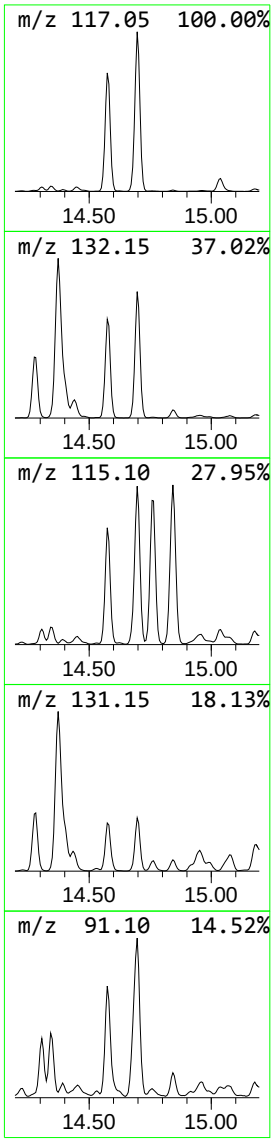
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	270.96 ug/l	5951230	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

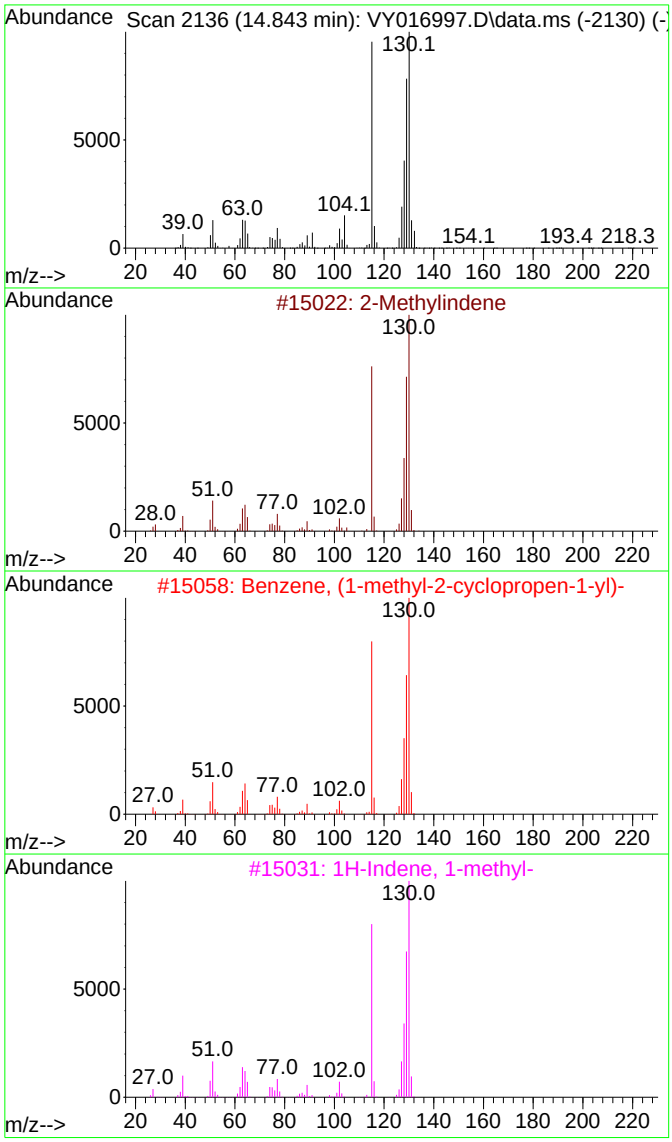
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

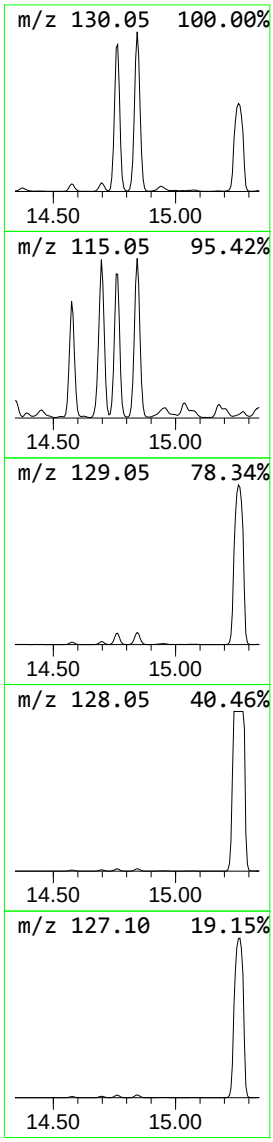
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.843	115.12 ug/l	2528480	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

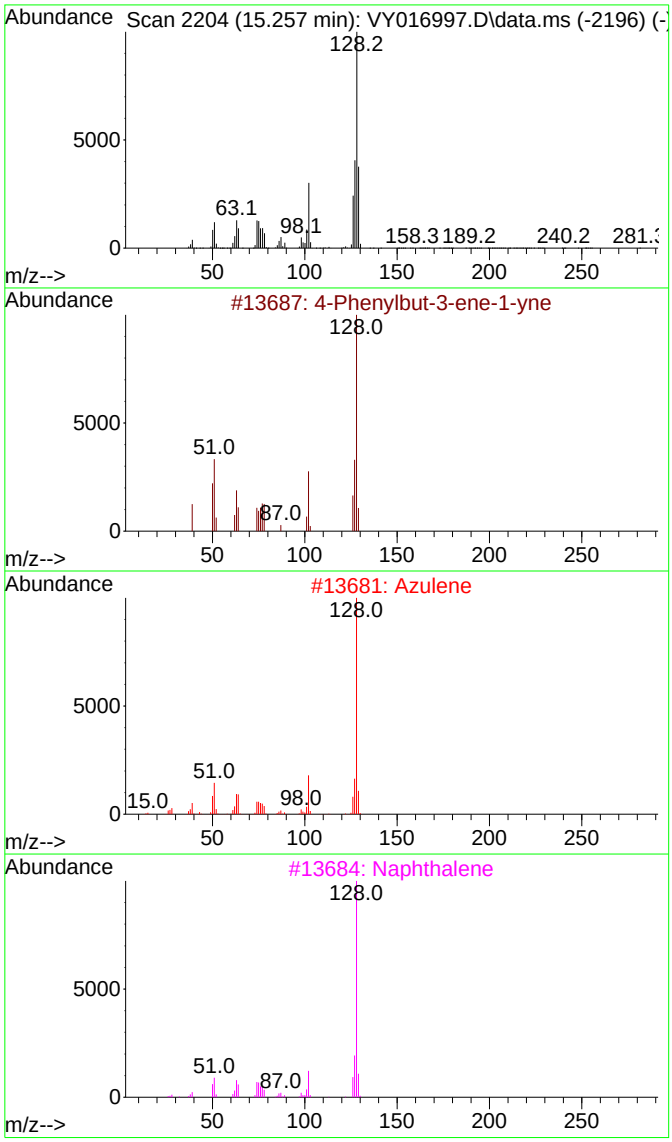
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

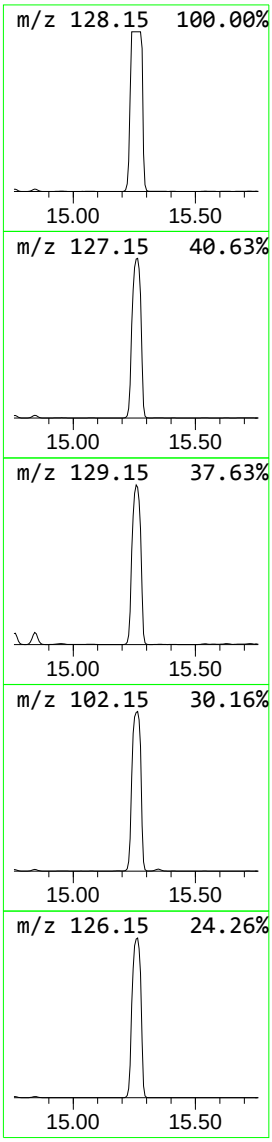
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-Phenylbut-3-ene-1-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	4536.96 ug/l	99646400	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	81
2	Azulene	128	C10H8	000275-51-4	70
3	Naphthalene	128	C10H8	000091-20-3	70
4	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	49
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

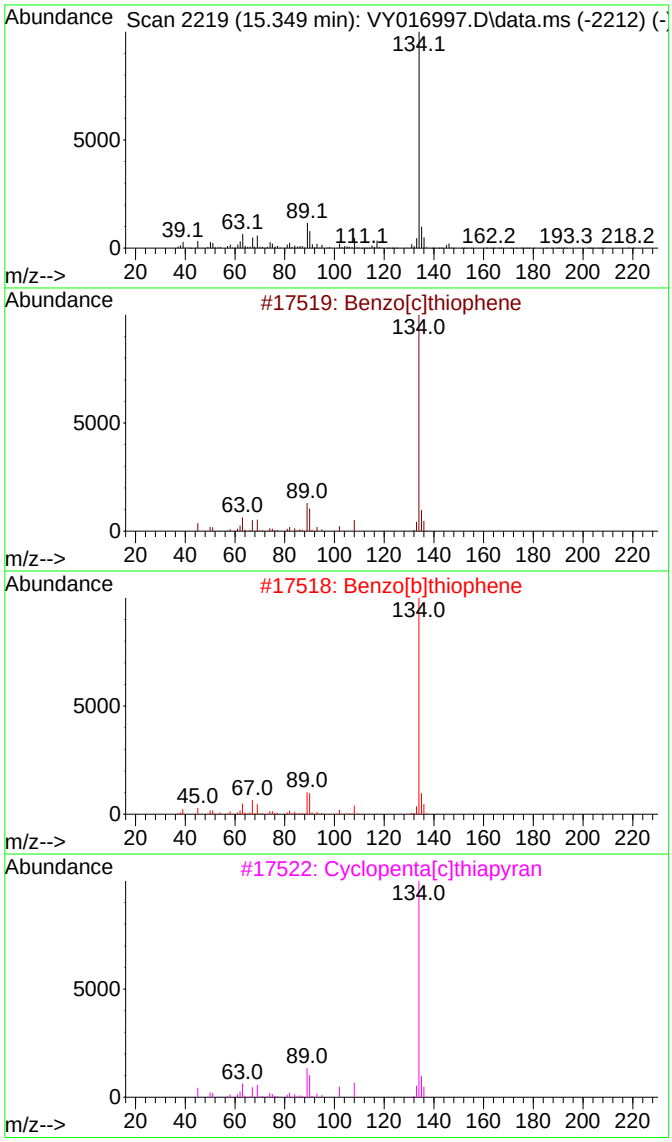
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

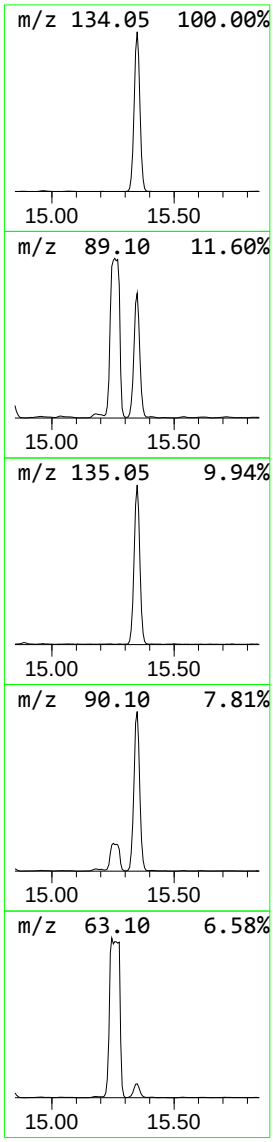
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	270.97 ug/l	5951310	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	93
4	5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	64
5	3-Deazaadenine	134	C6H6N4	006811-77-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

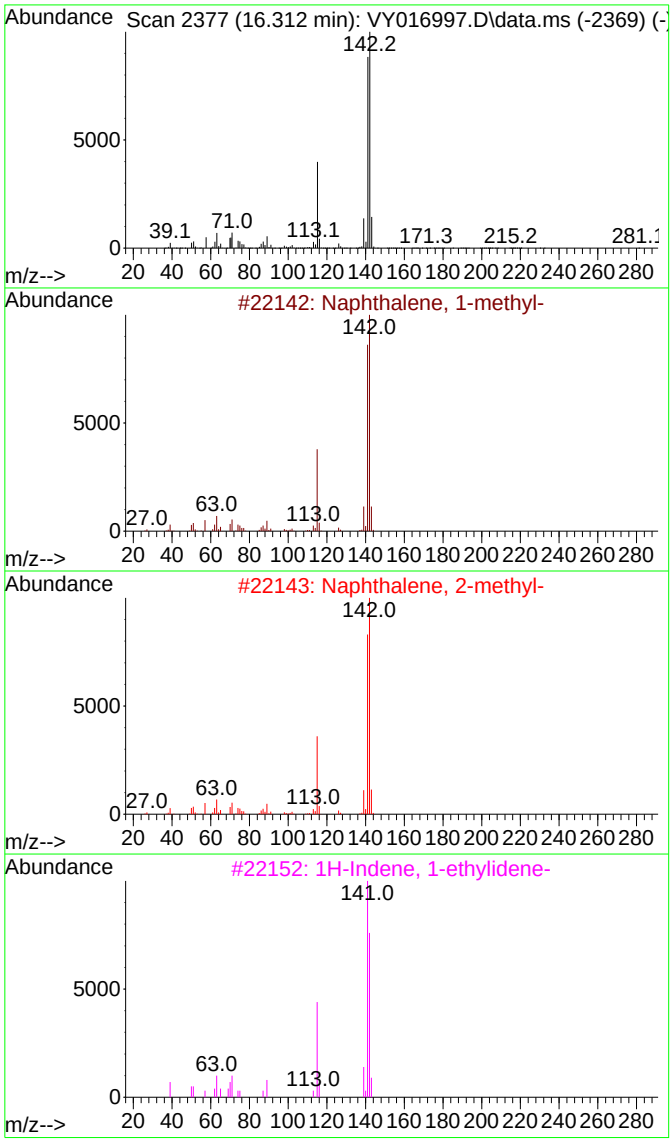
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

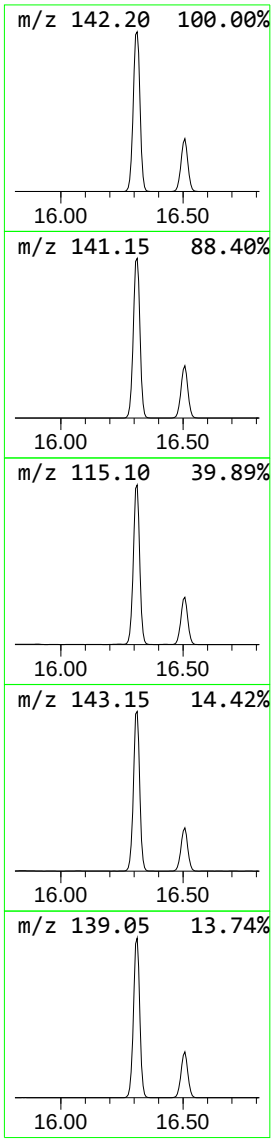
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 1-ethylidene- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.312	2128.55 ug/l	46749900	1,4-Dichlorobenzene-d4	13.434

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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

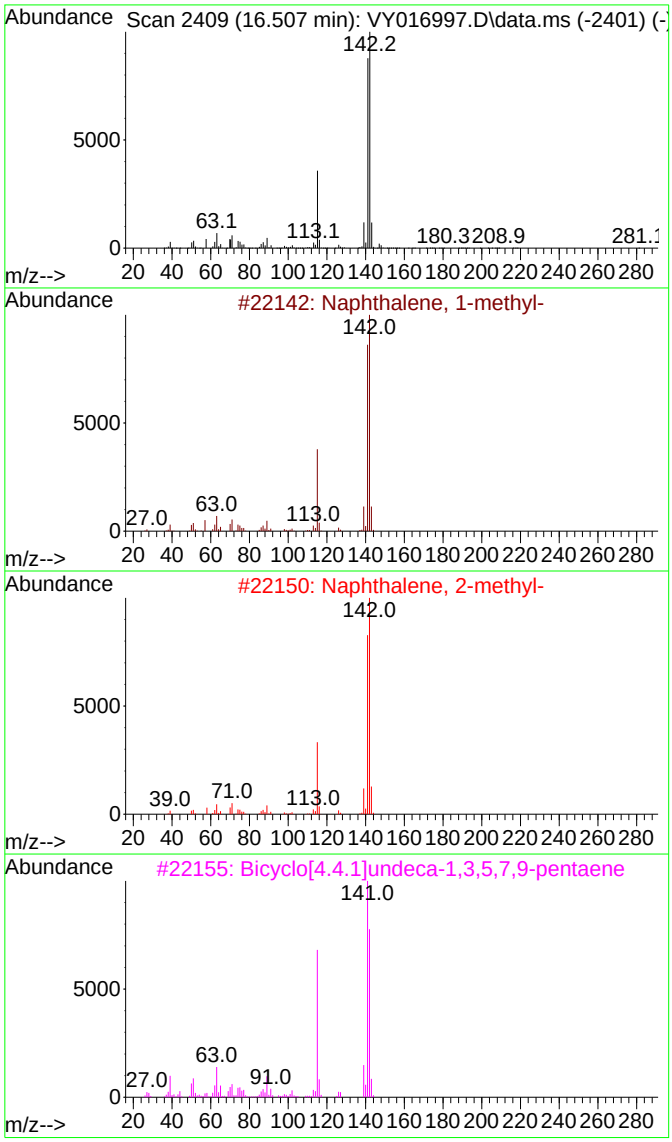
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

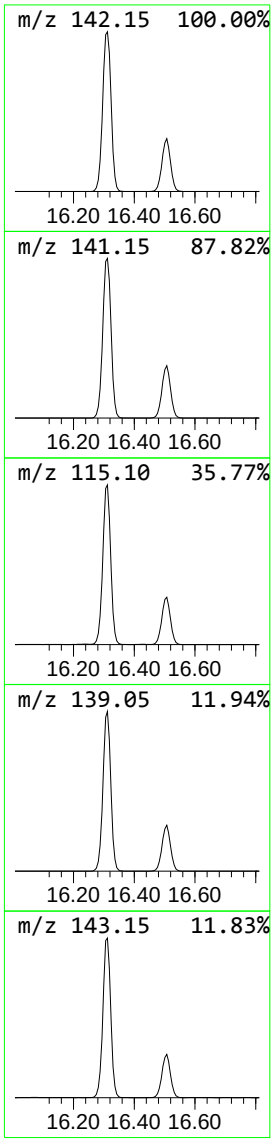
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.507	711.48 ug/l	15626400	1,4-Dichlorobenzene-d4	13.434

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	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016997.D
Acq On : 12 Jan 2024 16:55
Operator : SY/MD
Sample : P1135-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.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
Indane	13.642	1259.0	ug/l	27650900	4	13.434	1098160	50.0
Indene	13.819	260.8	ug/l	5727340	4	13.434	1098160	50.0
Benzofuran, 7-m...	14.373	264.5	ug/l	5809950	4	13.434	1098160	50.0
1H-Indene, 2,3-...	14.574	164.8	ug/l	3619270	4	13.434	1098160	50.0
Benzene, 1-ethe...	14.696	271.0	ug/l	5951230	4	13.434	1098160	50.0
2-Methylindene	14.843	115.1	ug/l	2528480	4	13.434	1098160	50.0
4-Phenylbut-3-e...	15.257	4537.0	ug/l	99646400	4	13.434	1098160	50.0
Benzo[c]thiophene	15.349	271.0	ug/l	5951310	4	13.434	1098160	50.0
1H-Indene, 1-et...	16.312	2128.6	ug/l	46749900	4	13.434	1098160	50.0
1,4-Methanonaph...	16.507	711.5	ug/l	15626400	4	13.434	1098160	50.0