LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

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_N\METHODS\82N051820W.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	7.545	1776	1795	1806	rBV	184322	474363	3.51%	0.450%
2	7.622	1806	1819	1835	rVB	376638	912114	6.76%	0.866%
3	7.982	1915	1931	1948	rBV	230822	534670	3.96%	0.508%
4	8.548	2092	2107	2126	rBV	584585	1220207	9.04%	1.158%
5	9.043	2254	2261	2273	rVB4	77829	150164	1.11%	0.143%
6	9.837	2492	2508	2530	rVB	187013	475688	3.52%	0.452%
7	10.059	2564	2577	2603	rBV	1052174	2048567	15.18%	1.945%
8	10.400	2677	2683	2697	rVB2	79510	140385	1.04%	0.133%
9	10.689	2765	2773	2783	rBV2	129236	219678	1.63%	0.209%
10	11.271	2946	2954	2965	rBV	364783	583957	4.33%	0.554%
11	11.381	2978	2988	3006	rVB	879315	1532543	11.36%	1.455%
12	11.564	3038	3045	3055	rBV6	117074	230089	1.70%	0.218%
13	11.628	3058	3065	3072	rBV	219418	358507	2.66%	0.340%
14	12.021	3182	3187	3193	rVB	195460	234643	1.74%	0.223%
15	12.377	3289	3298	3306	rBV	1116801	2182268	16.17%	2.072%
16	12.937	3466	3472	3485	rVB4	646589	1050140	7.78%	0.997%
17	13.487	3638	3643	3649	rBV	432322	562467	4.17%	0.534%
18	13.583	3662	3673	3681	rBV3	539247	1378521	10.21%	1.309%
19	13.638	3682	3690	3700	rVV5	1185686	2238483	16.59%	2.125%
20	13.863	3752	3760	3769	rVB	2192682	3342591	24.77%	3.173%
21	13.969	3784	3793	3804	rVB4	1782494	3120119	23.12%	2.962%
22	14.146	3838	3848	3855	rBV7	1254838	2904906	21.52%	2.757%
23	14.268	3879	3886	3892	rBV2	989611	1419186	10.52%	1.347%
24	14.303	3893	3897	3904	rVB3	695368	874051	6.48%	0.830%
25	14.451	3935	3943	3953	rBV3	1393047	2404394	17.82%	2.282%
26	14.564	3966	3978	3988	rBV4	4384592	9327010	69.11%	8.854%
27	14.622	3989	3996	4007	rVB4	1892034	3432415	25.43%	3.258%
28	14.715	4018	4025	4034	rVB	1817660	2642244	19.58%	2.508%
29	14.789	4043	4048	4051	rBV3	710237	833973	6.18%	0.792%
30	14.824	4053	4059	4066	rVB4	1968747	2814366	20.85%	2.672%
31	14.930	4083	4092	4102	rVB3	2329547	4330753	32.09%	4.111%
32	15.088	4134	4141	4154	rVB4	1217158	2738442	20.29%	2.599%
33	15.159	4156	4163	4171	rBV2	1613869	2466314	18.27%	2.341%
34	15.213	4173	4180	4189	rBV6	1325655	2627640	19.47%	2.494%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

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_N\METHODS\82N051820W.M
Title : SW846 8260

35	15.387	4224	4234	4247	rBV2	1890387	4071139	30.17%	3.865%
36	15.580	4288	4294	4308	rVB	3568480	6113846	45.30%	5.804%
37	15.731	4334	4341	4353	rVB5	1140671	2092089	15.50%	1.986%
38	15.876	4376	4386	4396	rBV3	2210648	4180512	30.98%	3.968%
39	16.065	4436	4445	4453	rBV3	2635578	4950791	36.68%	4.700%
40	16.123	4454	4463	4486	rVB	6049064	13495836	100.00%	12.811%
41	16.313	4510	4522	4534	rBV4	3652480	8635747	63.99%	8.198%

Sum of corrected areas: 105345818

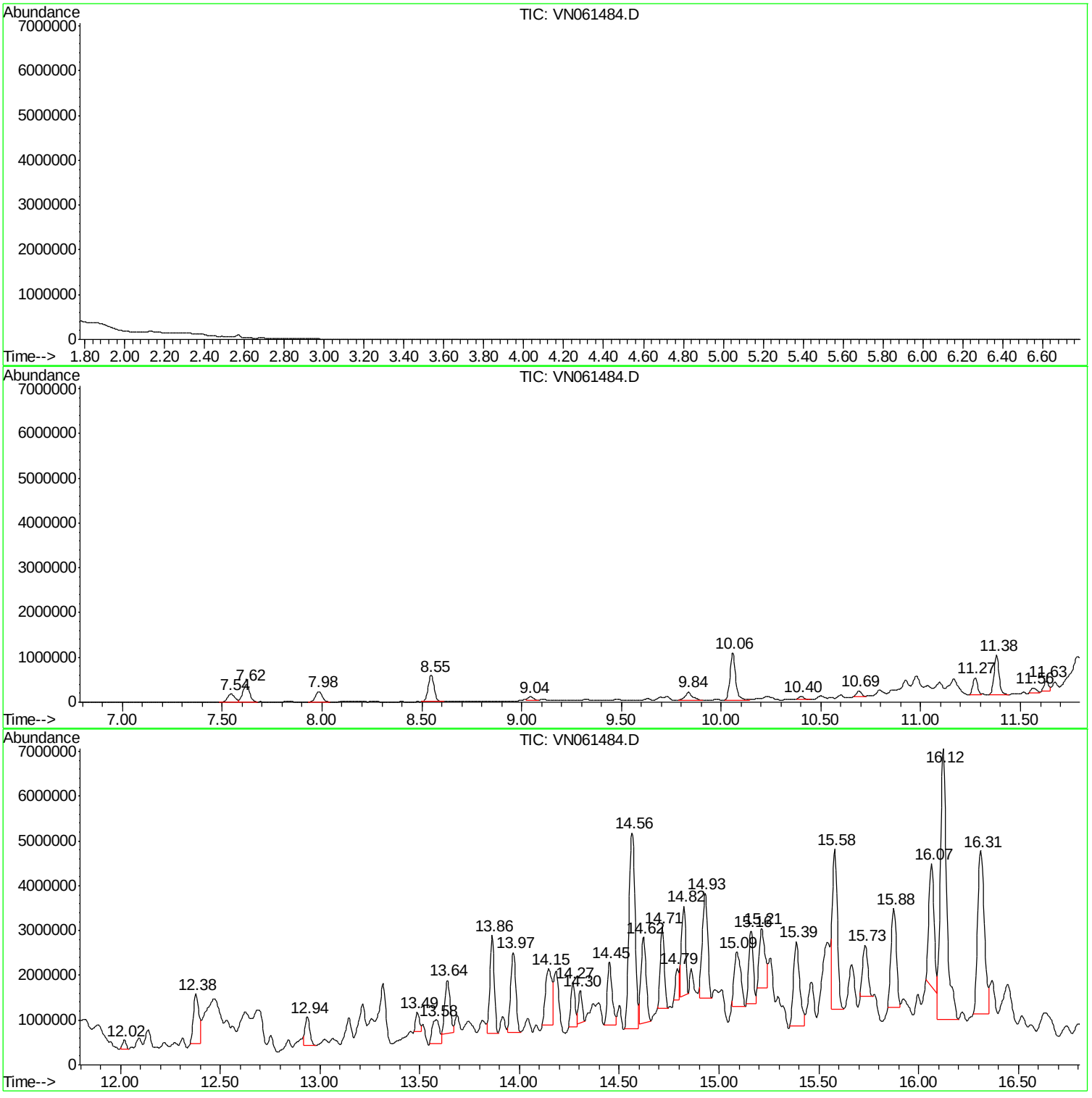
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

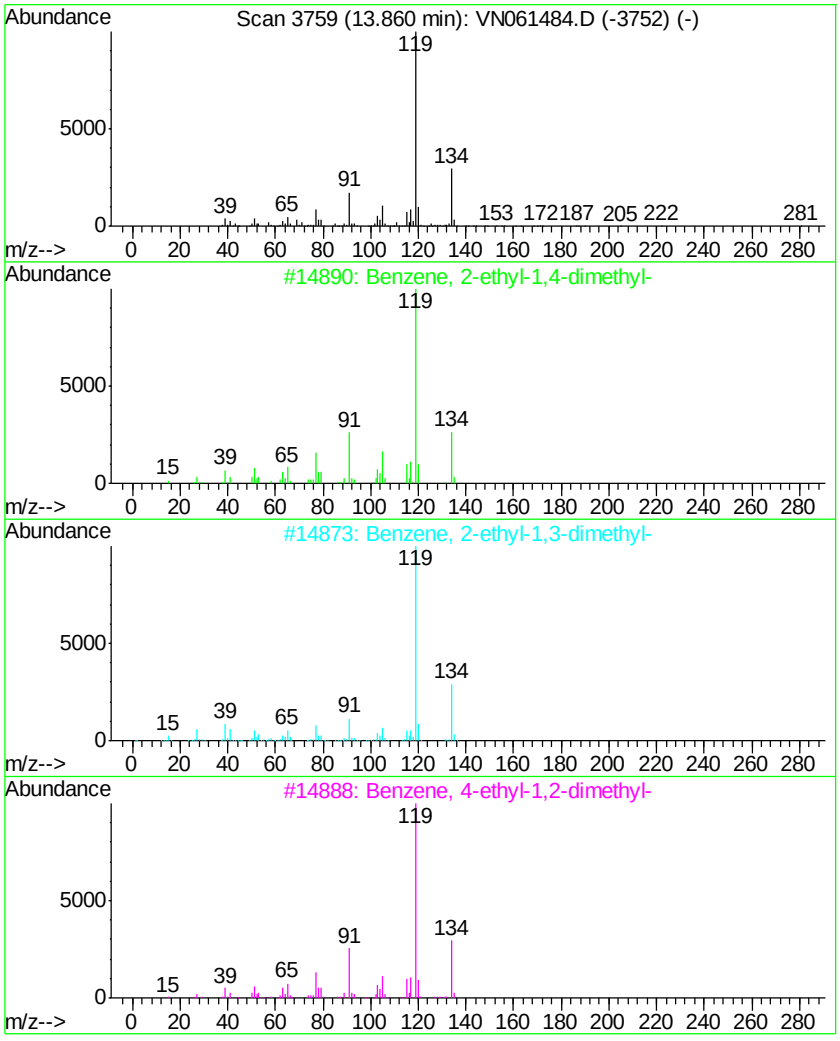
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

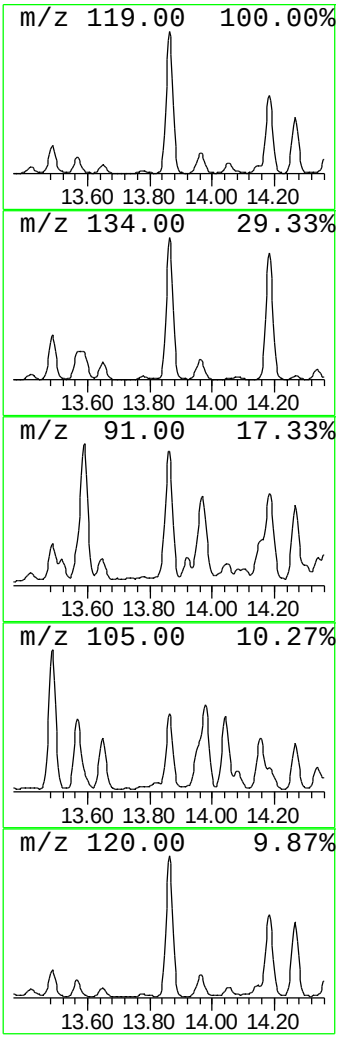
****

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	297.14 ug/l	3342590	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

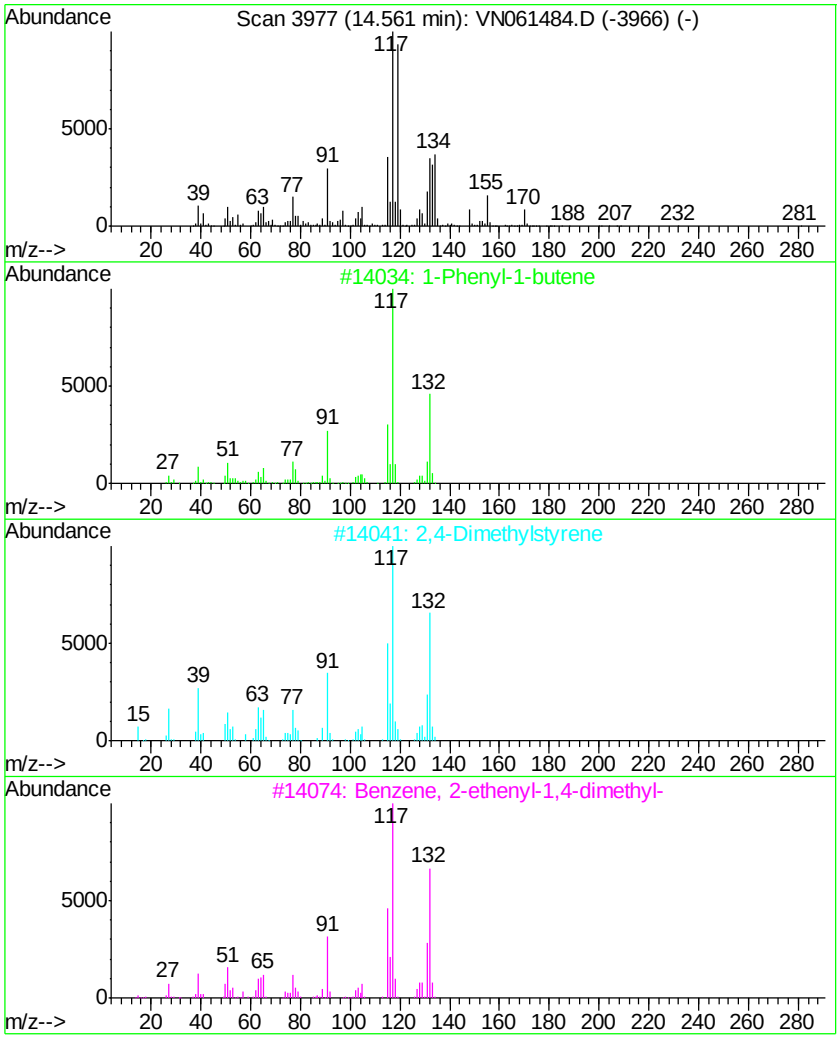
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

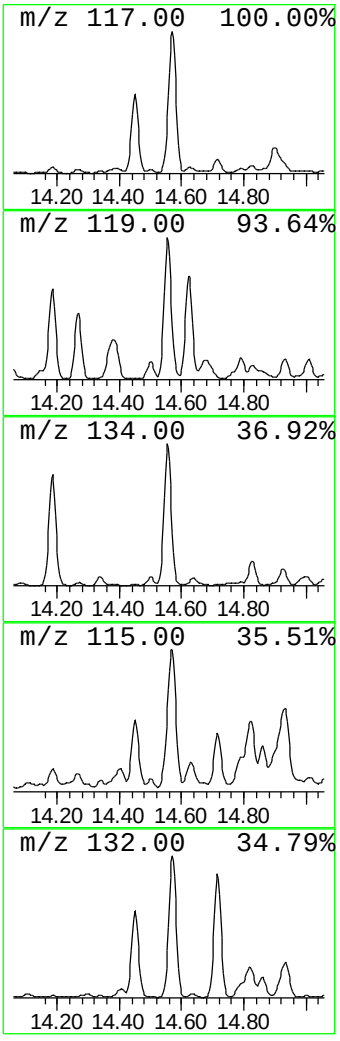
****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	829.12 ug/l	9327010	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

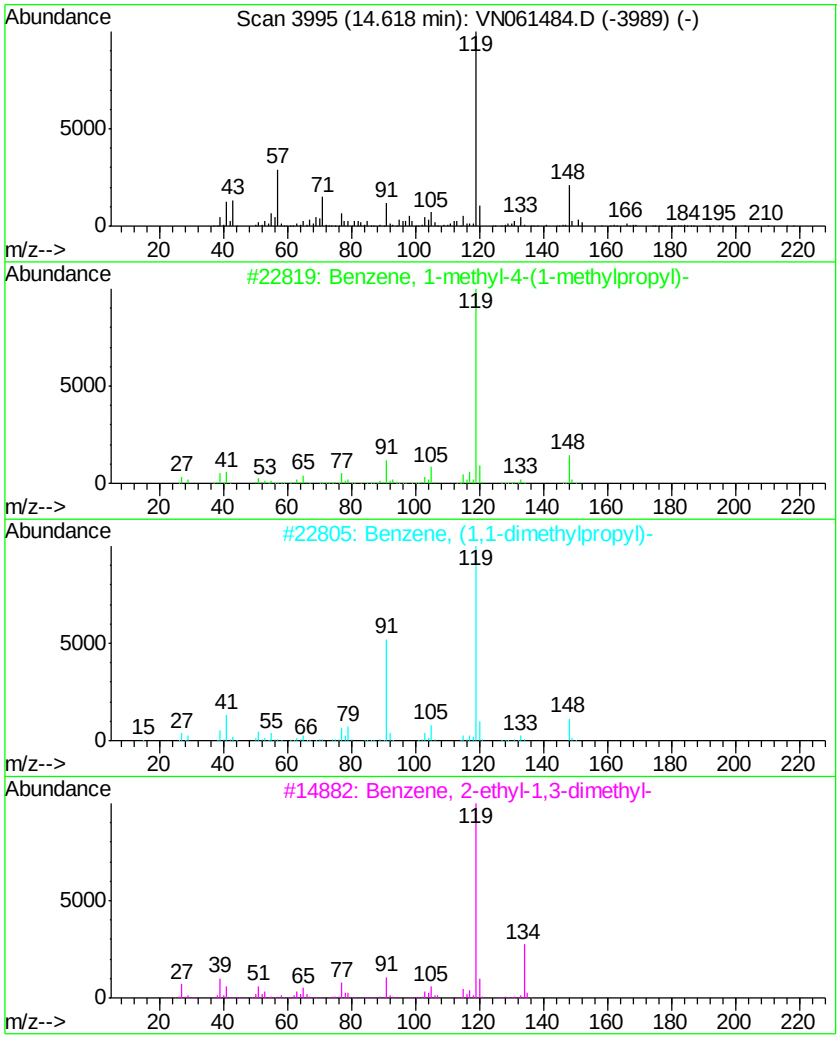
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

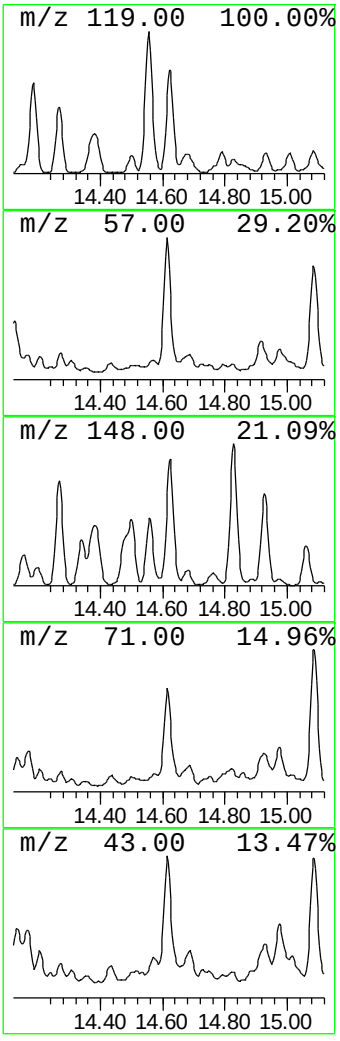
****

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	305.12 ug/l	3432420	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

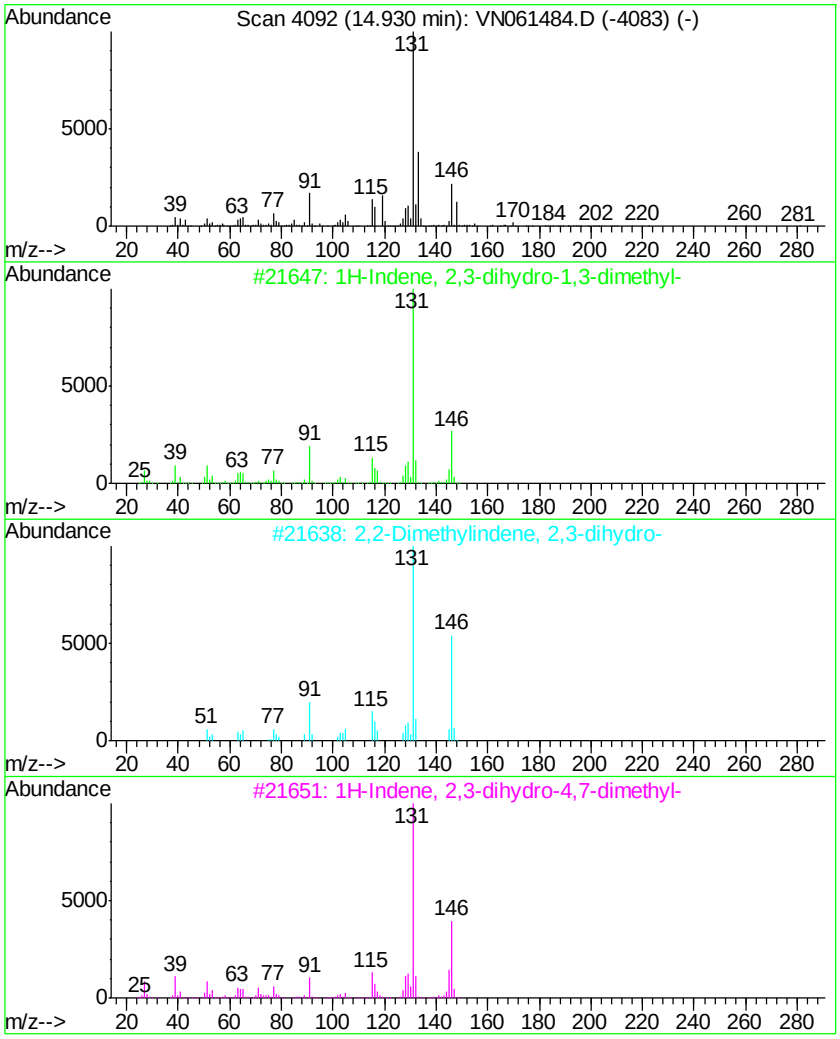
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

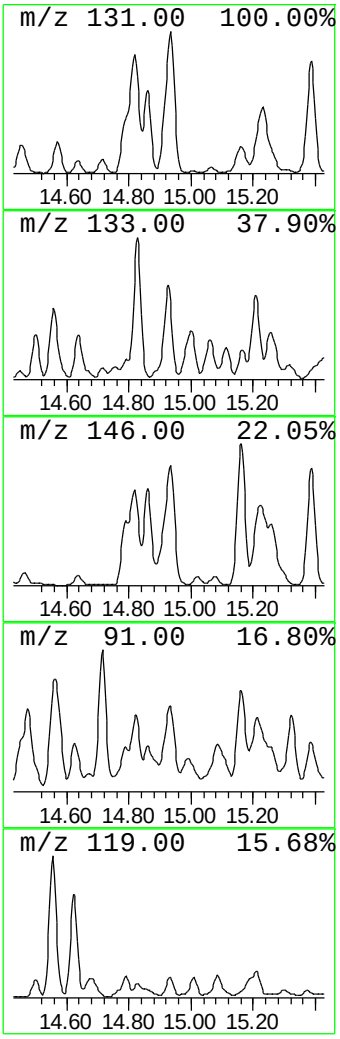
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	384.98 ug/l	4330750	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

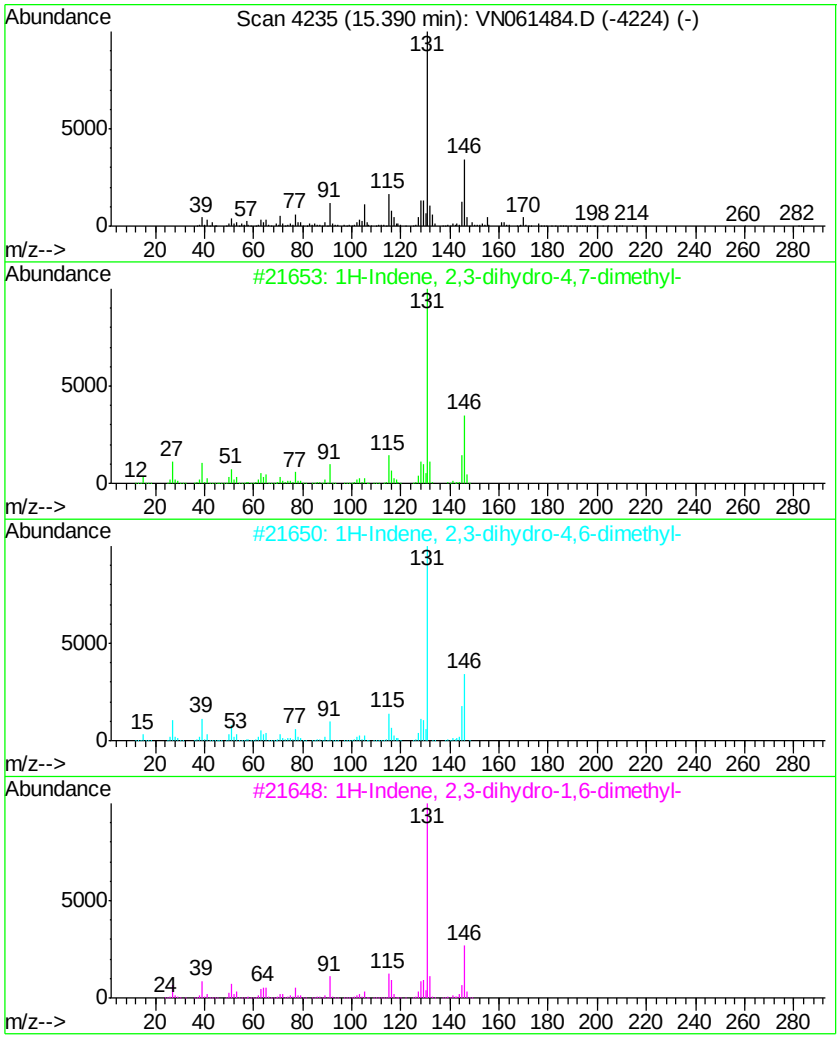
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

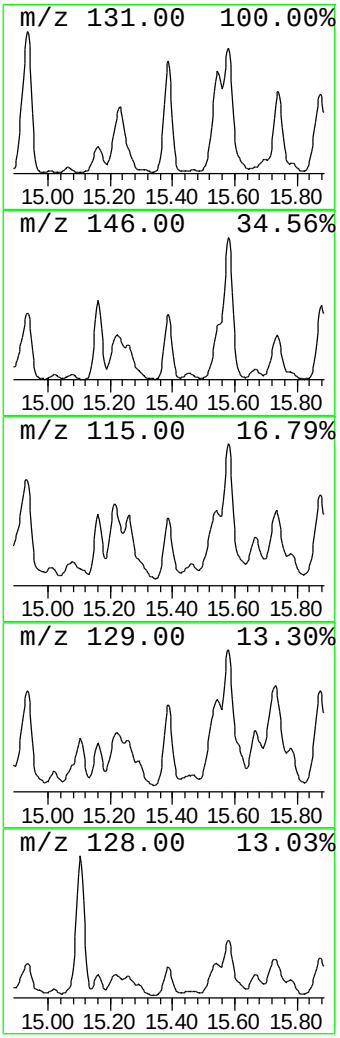
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	361.90 ug/l	4071140	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

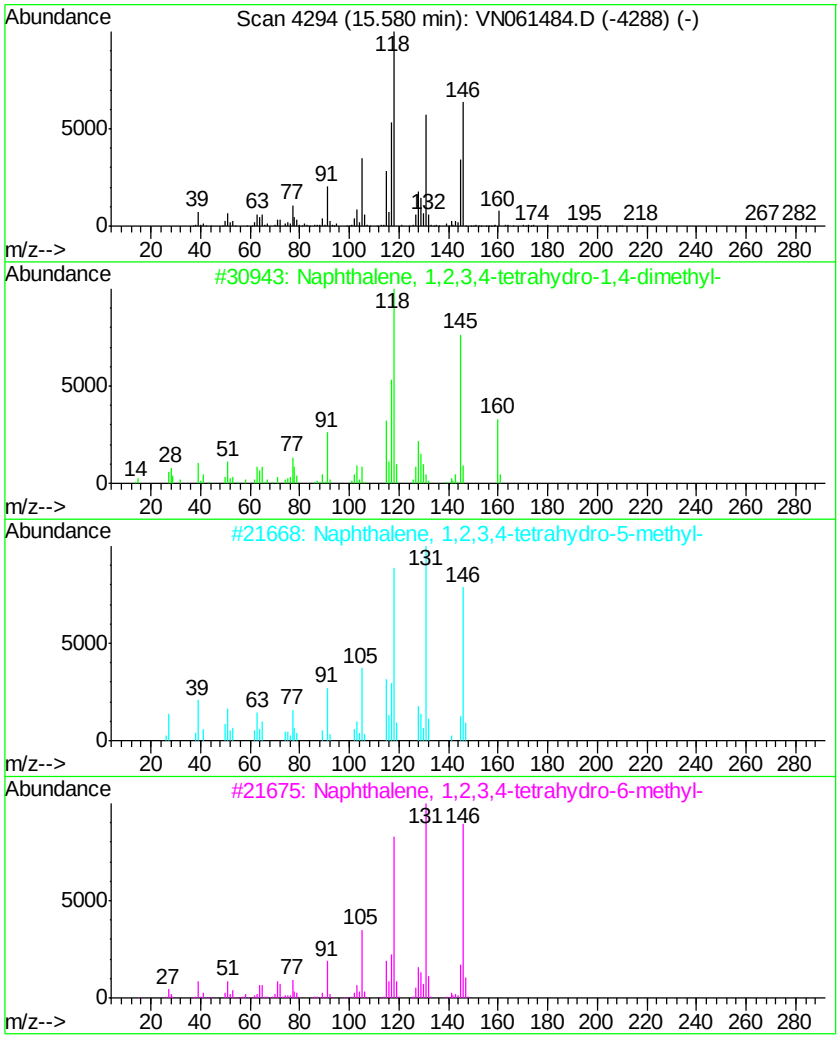
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

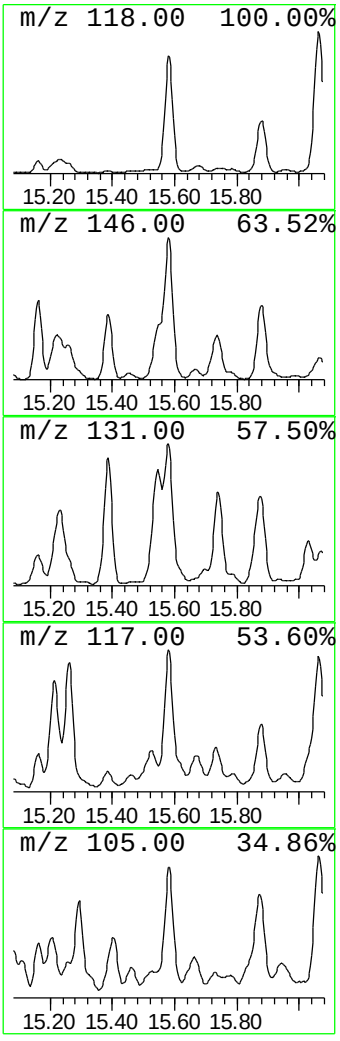
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	543.49 ug/l	6113850	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	53
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52
5	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

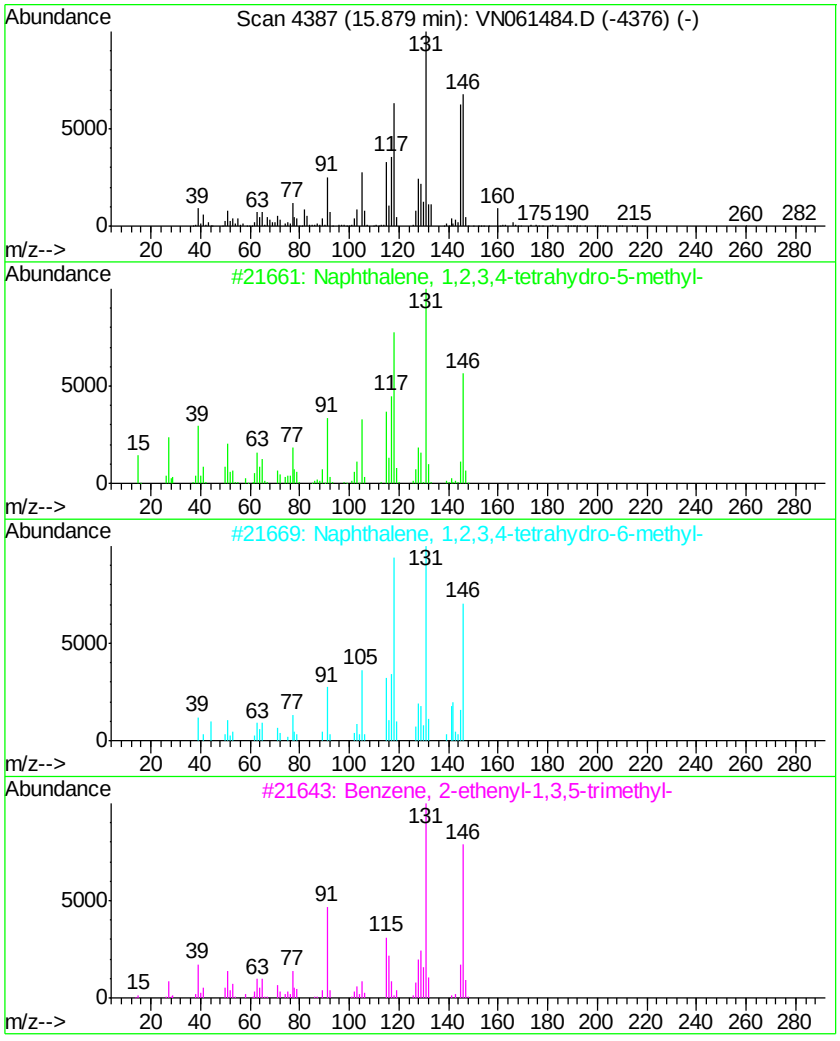
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

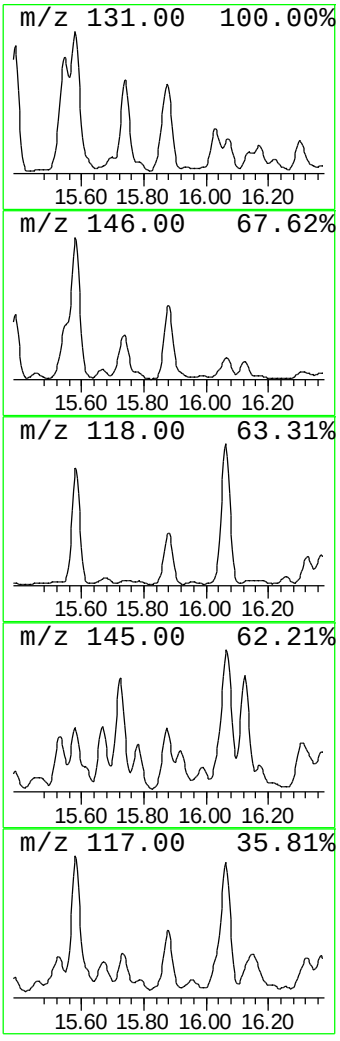
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	371.62 ug/l	4180510	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

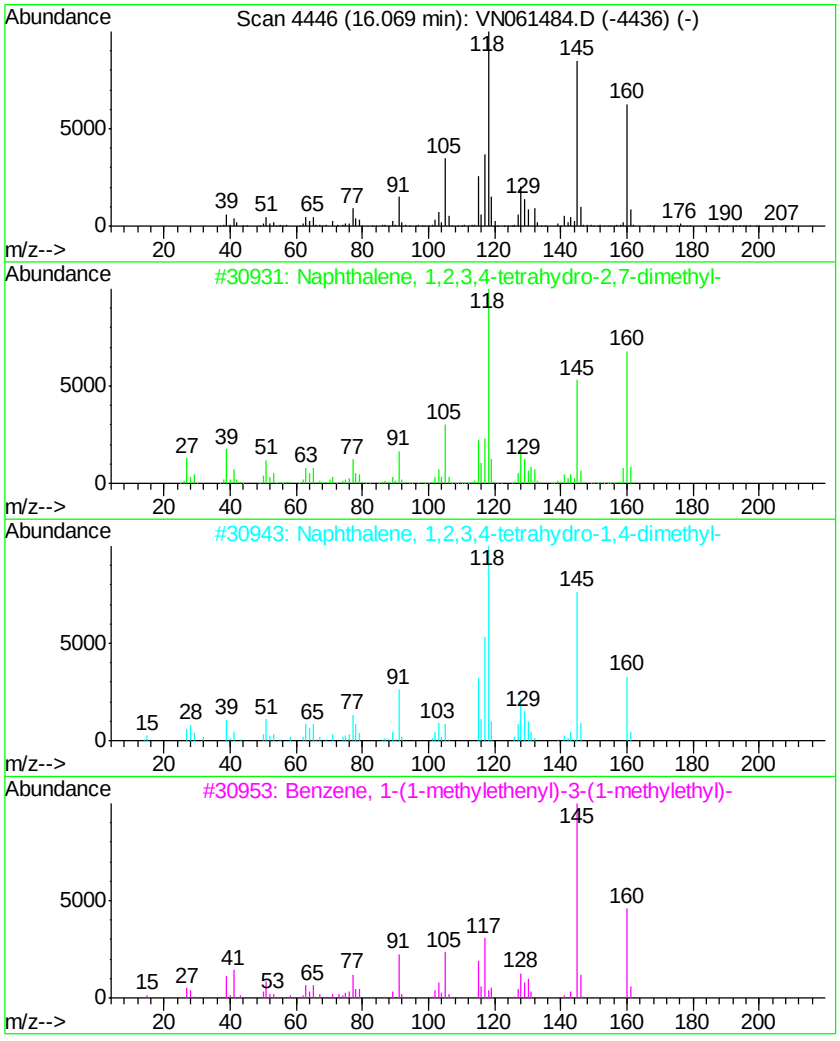
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

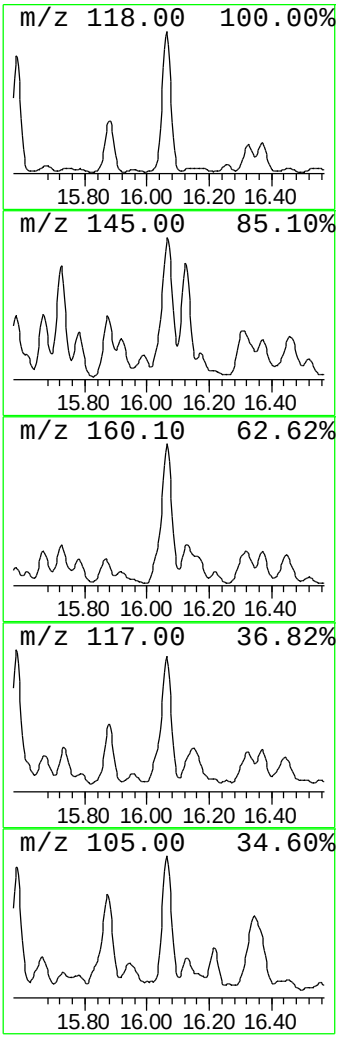
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	440.10 ug/l	4950790	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

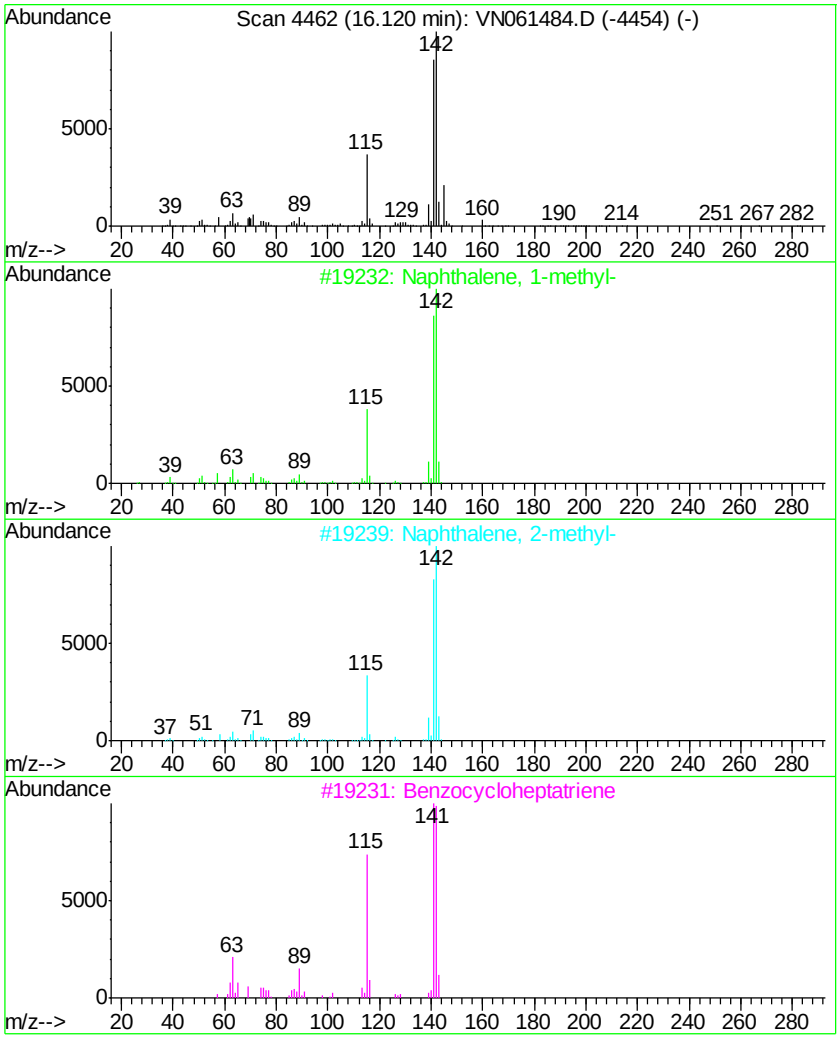
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

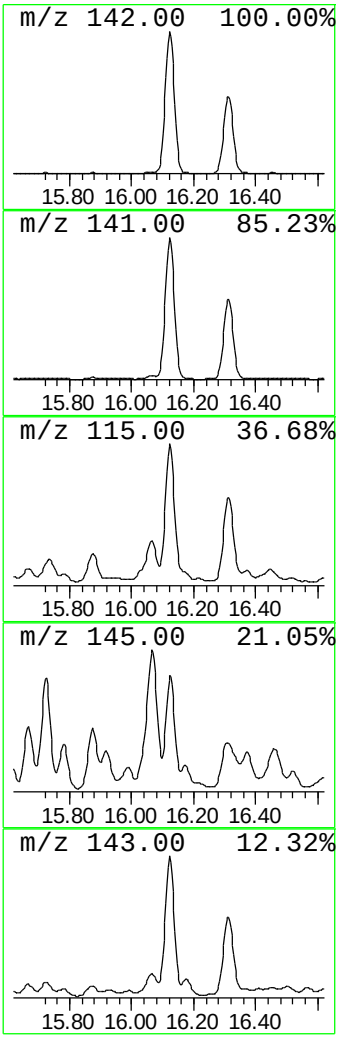
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	1199.70 ug/l	13495800	1,4-Dichlorobenzene-d4	13.32

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	Benzocycloheptatriene	142	C11H10	000264-09-5	87
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061484.D
Acq On : 19 May 2020 15:33
Operator : JC/MD
Sample : L2679-07
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-6-12.0-12.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.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
Benzene, 2-ethyl-...	13.86	297.1	ug/l	3342590	4	13.32	562467	50.0
1-Phenyl-1-butene	14.56	829.1	ug/l	9327010	4	13.32	562467	50.0
Benzene, 1-methyl...	14.62	305.1	ug/l	3432420	4	13.32	562467	50.0
1H-Indene, 2,3-di...	14.93	385.0	ug/l	4330750	4	13.32	562467	50.0
1H-Indene, 2,3-di...	15.39	361.9	ug/l	4071140	4	13.32	562467	50.0
Naphthalene, 1,2,...	15.58	543.5	ug/l	6113850	4	13.32	562467	50.0
Naphthalene, 1,2,...	15.88	371.6	ug/l	4180510	4	13.32	562467	50.0
Naphthalene, 1,2,...	16.07	440.1	ug/l	4950790	4	13.32	562467	50.0
Naphthalene, 1-me...	16.12	1199.7	ug/l	13495800	4	13.32	562467	50.0