LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

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\82N031219W.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	7.590	1789	1809	1820	rBV2	1026527	2553073	32.66%	2.322%
2	7.664	1820	1832	1877	rVB	1867794	4684463	59.93%	4.261%
3	8.027	1925	1945	1969	rBV	1003925	2333914	29.86%	2.123%
4	8.583	2103	2118	2164	rVB	2523244	5656698	72.37%	5.145%
5	9.075	2250	2271	2285	rBV4	80645	216006	2.76%	0.196%
6	9.725	2464	2473	2480	rBV5	41278	78422	1.00%	0.071%
7	9.866	2503	2517	2533	rVB5	58462	150834	1.93%	0.137%
8	10.091	2572	2587	2618	rBV	3821403	7816009	100.00%	7.109%
9	10.432	2685	2693	2705	rVB4	77914	152872	1.96%	0.139%
10	10.532	2713	2724	2733	rBV4	56113	117413	1.50%	0.107%
11	10.718	2773	2782	2791	rBV3	77340	131811	1.69%	0.120%
12	10.821	2806	2814	2826	rBV3	50676	109088	1.40%	0.099%
13	10.950	2847	2854	2862	rVV	103015	151038	1.93%	0.137%
14	11.004	2862	2871	2882	rVB2	223369	391306	5.01%	0.356%
15	11.120	2897	2907	2915	rBV7	95647	185871	2.38%	0.169%
16	11.201	2923	2932	2950	rVB8	239322	579393	7.41%	0.527%
17	11.297	2953	2962	2978	rVV	215661	369817	4.73%	0.336%
18	11.406	2984	2996	3017	rBV	3258362	6103902	78.09%	5.552%
19	11.593	3046	3054	3063	rVB7	97952	179537	2.30%	0.163%
20	11.654	3064	3073	3081	rBV2	171400	318741	4.08%	0.290%
21	11.921	3144	3156	3169	rBV6	289832	728706	9.32%	0.663%
22	12.043	3188	3194	3202	rVB	291702	384986	4.93%	0.350%
23	12.120	3211	3218	3222	rBV3	217244	313861	4.02%	0.285%
24	12.159	3225	3230	3242	rVB3	368016	630025	8.06%	0.573%
25	12.336	3281	3285	3294	rVB	333332	420314	5.38%	0.382%
26	12.403	3295	3306	3316	rBV	2709425	4603082	58.89%	4.187%
27	12.561	3349	3355	3372	rVB3	482223	1198223	15.33%	1.090%
28	12.728	3394	3407	3416	rBV6	560967	1409925	18.04%	1.282%
29	12.866	3444	3450	3457	rVB6	178932	238568	3.05%	0.217%
30	12.959	3473	3479	3493	rVB2	737571	1225563	15.68%	1.115%
31	13.236	3554	3565	3573	rBV4	584320	1142212	14.61%	1.039%
32	13.342	3588	3598	3615	rVB	3221355	5633793	72.08%	5.124%
33	13.512	3646	3651	3656	rBV	311606	390074	4.99%	0.355%
34	13.612	3670	3682	3688	rBV3	364029	875370	11.20%	0.796%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

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\82N031219W.M
Title : SW846 8260

35	13.664	3689	3698	3708	rVV7	979860	1875304	23.99%	1.706%
36	13.889	3760	3768	3777	rVB	1688036	2665118	34.10%	2.424%
37	13.995	3791	3801	3811	rVB3	1391300	2388720	30.56%	2.173%
38	14.172	3847	3856	3862	rBV5	981779	1927964	24.67%	1.754%
39	14.294	3886	3894	3899	rBV3	653235	1021753	13.07%	0.929%
40	14.332	3900	3906	3913	rVB4	588572	852550	10.91%	0.775%
41	14.474	3943	3950	3961	rBV3	954314	1717044	21.97%	1.562%
42	14.590	3974	3986	3996	rBV4	3083844	6345340	81.18%	5.772%
43	14.644	3996	4003	4015	rVB3	1142367	2178478	27.87%	1.981%
44	14.815	4051	4056	4058	rBV4	395636	432591	5.53%	0.393%
45	14.847	4061	4066	4073	rVV3	1514431	2208391	28.25%	2.009%
46	14.885	4074	4078	4089	rVV2	612906	945306	12.09%	0.860%
47	14.956	4091	4100	4111	rVB2	1664124	3228589	41.31%	2.937%
48	15.188	4165	4172	4180	rBV	1168384	1769363	22.64%	1.609%
49	15.239	4181	4188	4210	rVB6	1120839	4049040	51.80%	3.683%
50	15.416	4234	4243	4255	rBV2	1267025	2458864	31.46%	2.237%
51	15.612	4298	4304	4317	rVB	2478811	4138887	52.95%	3.765%
52	15.766	4343	4352	4362	rBV5	839520	1704943	21.81%	1.551%
53	15.908	4386	4396	4407	rBV3	1720807	3373219	43.16%	3.068%
54	16.101	4447	4456	4465	rVV3	1643098	2845680	36.41%	2.588%
55	16.159	4466	4474	4486	rVB	2746316	4945495	63.27%	4.498%
56	16.352	4522	4534	4546	rBV3	2236426	5394272	69.02%	4.906%

Sum of corrected areas: 109941821

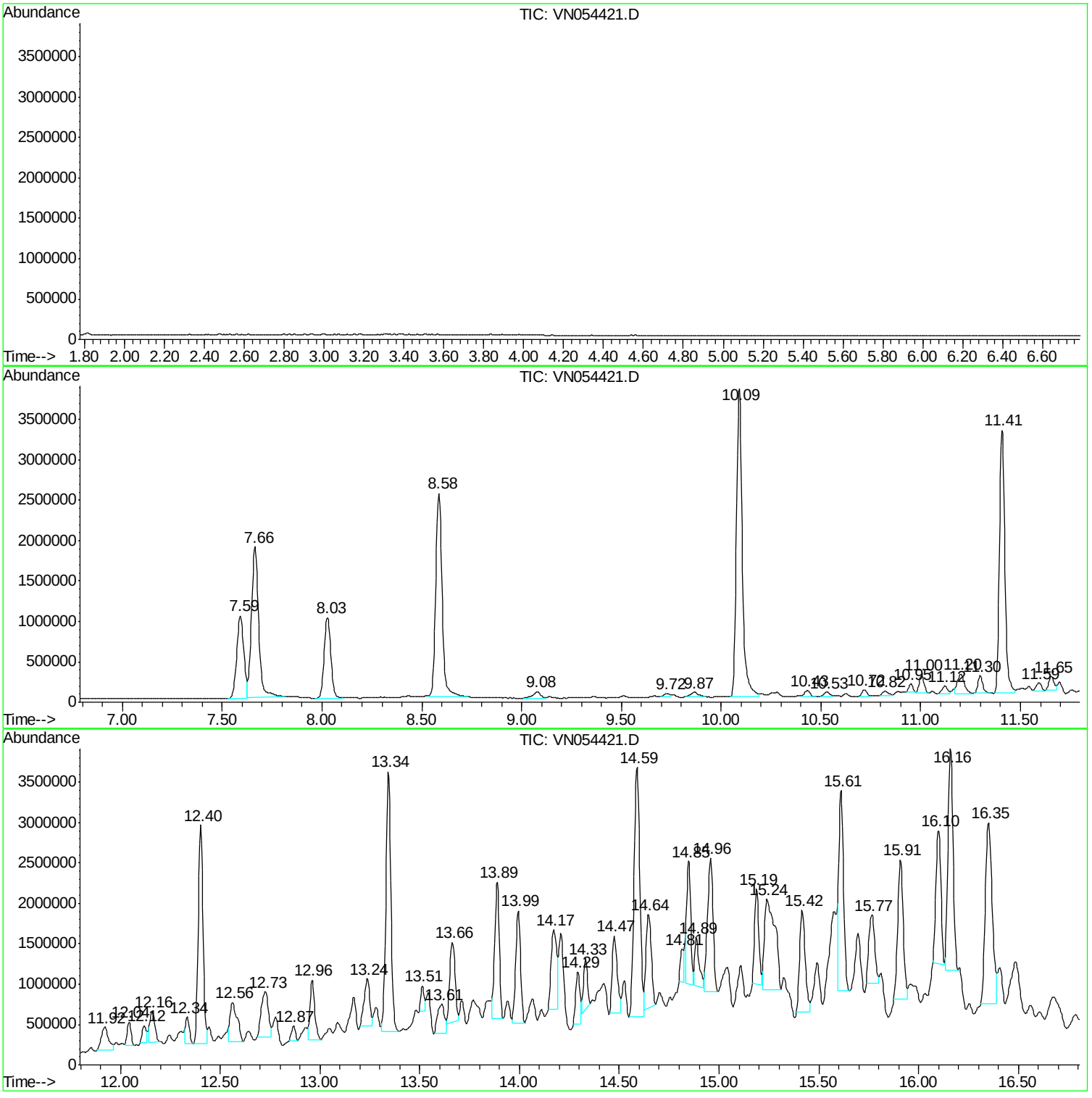
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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



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Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

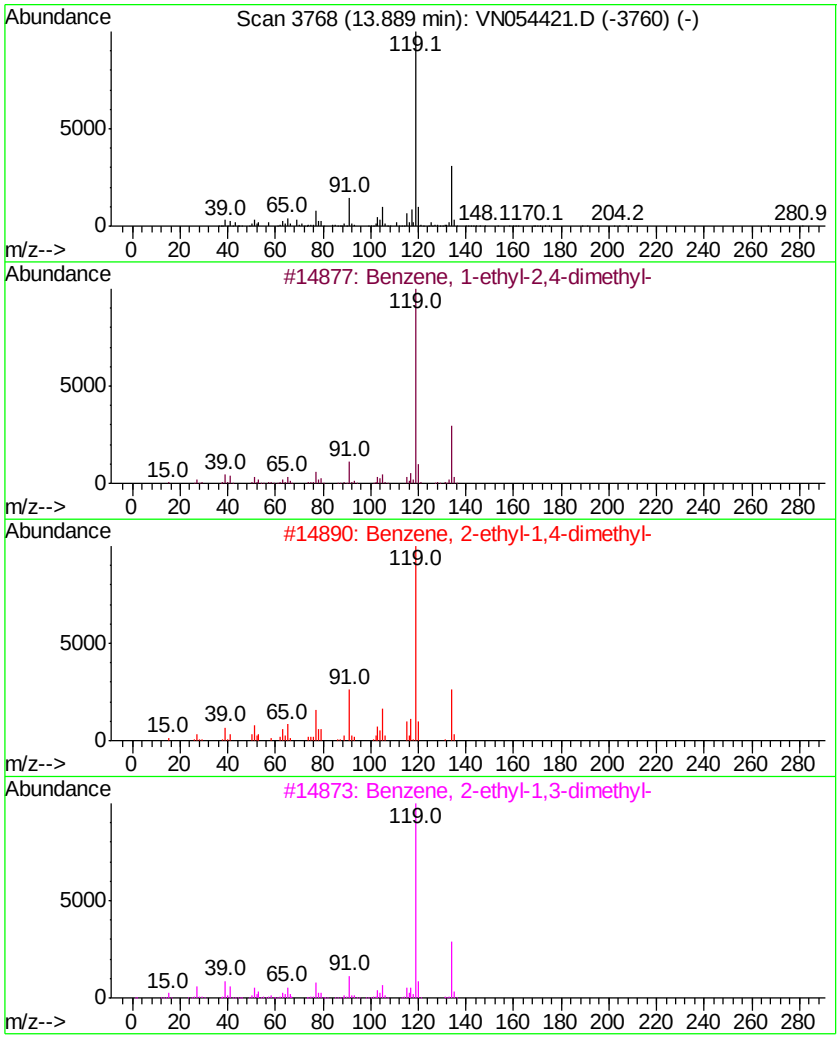
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

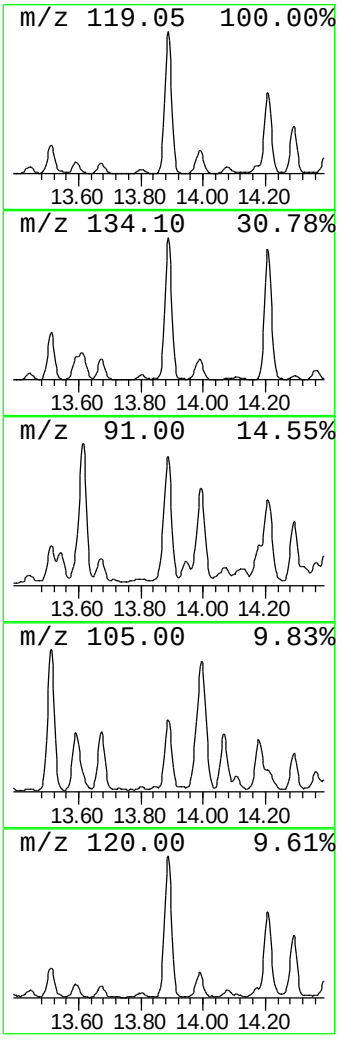
****

Peak Number 1 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	23.65 ug/l	2665120	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

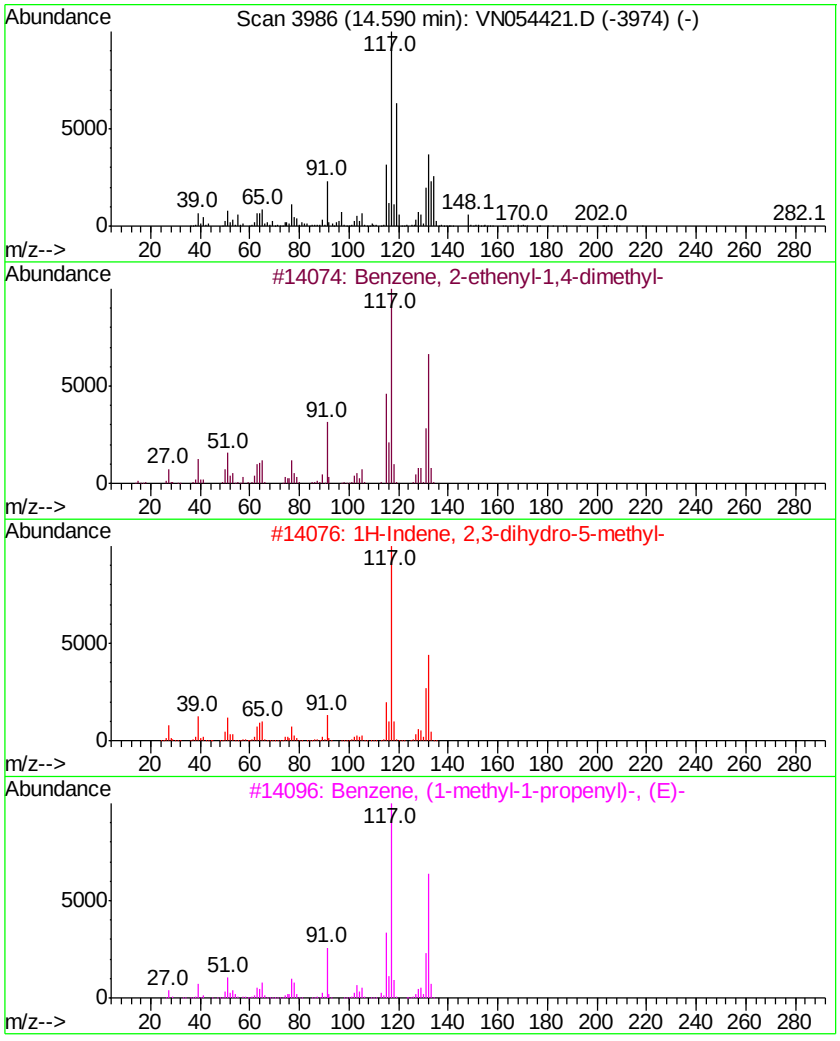
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

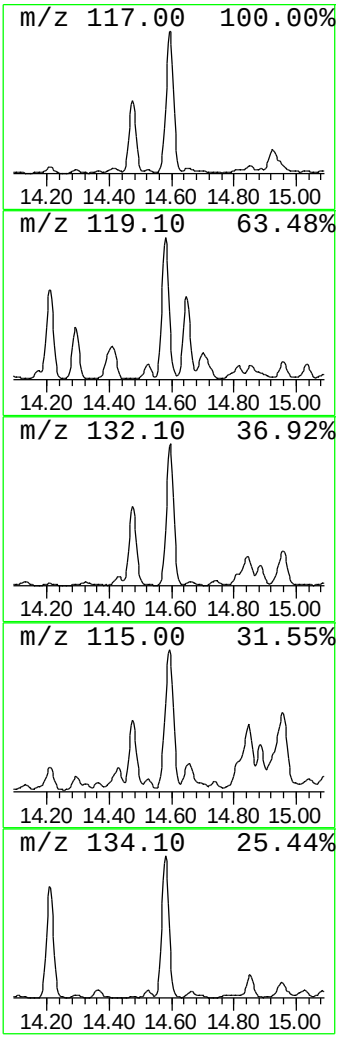
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	56.32 ug/l	6345340	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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

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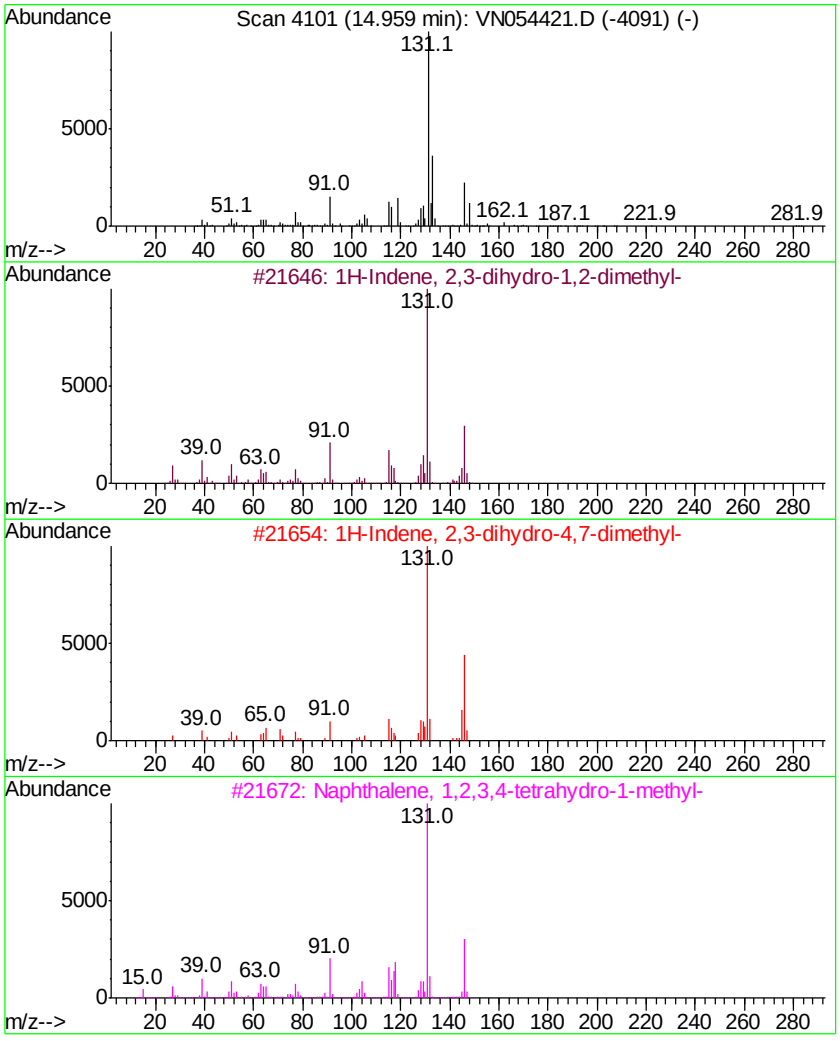
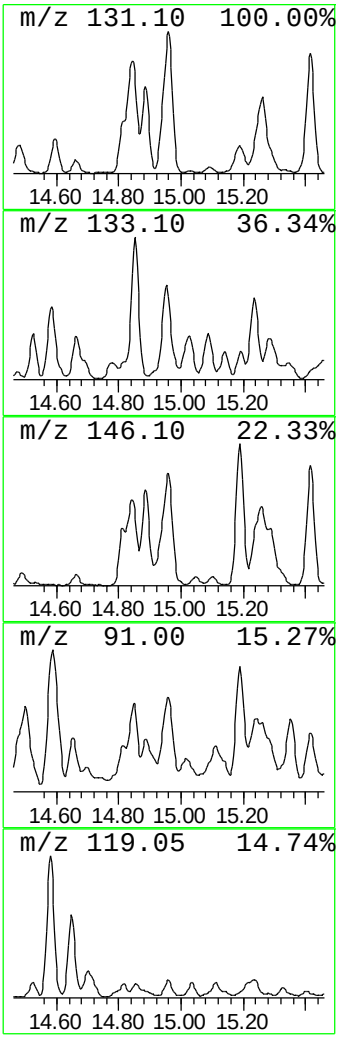
Peak Number 3 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	28.65 ug/l	3228590	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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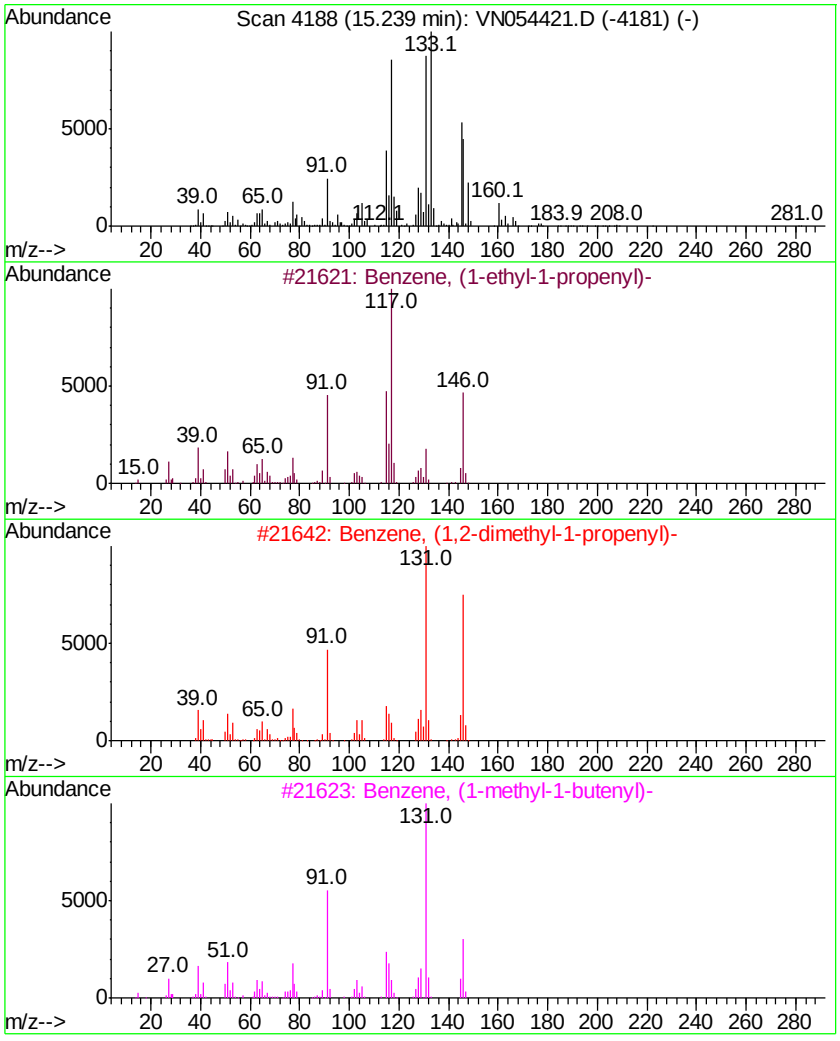
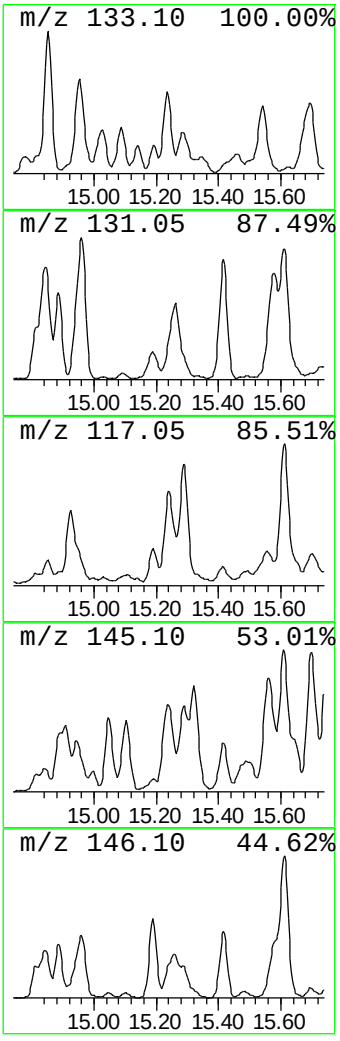
Peak Number 4 unknown15.24 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	35.94 ug/l	4049040	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	30
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
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Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

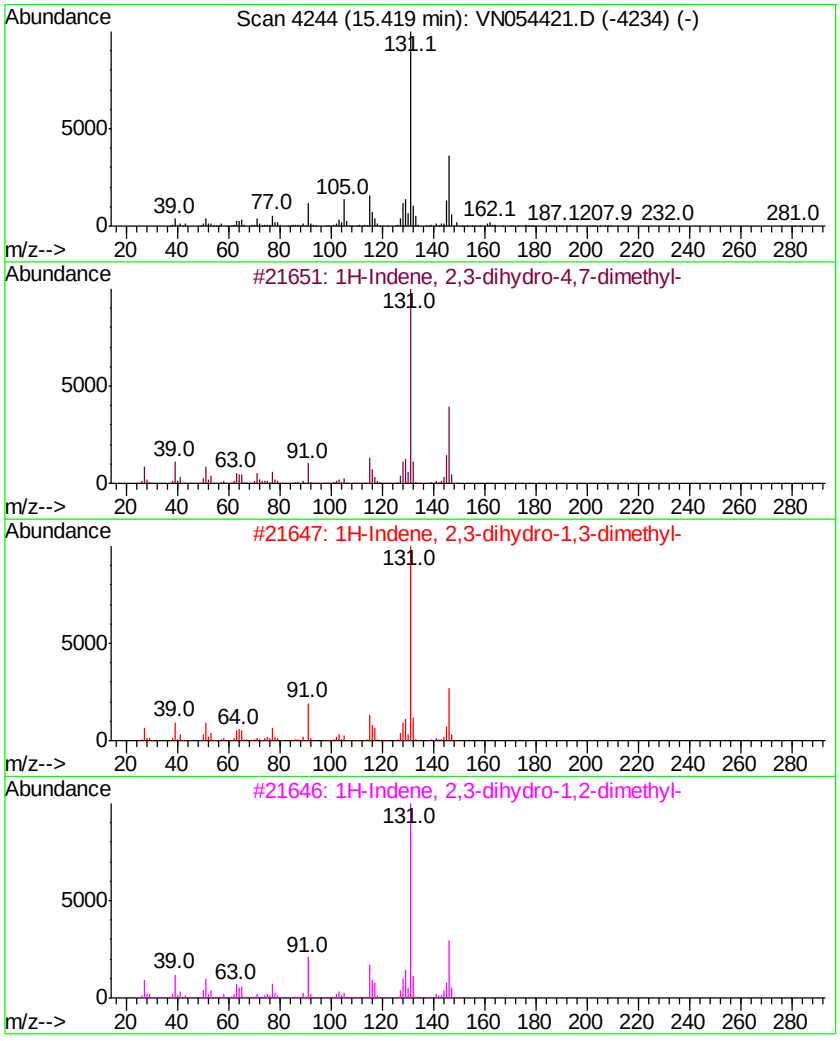
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

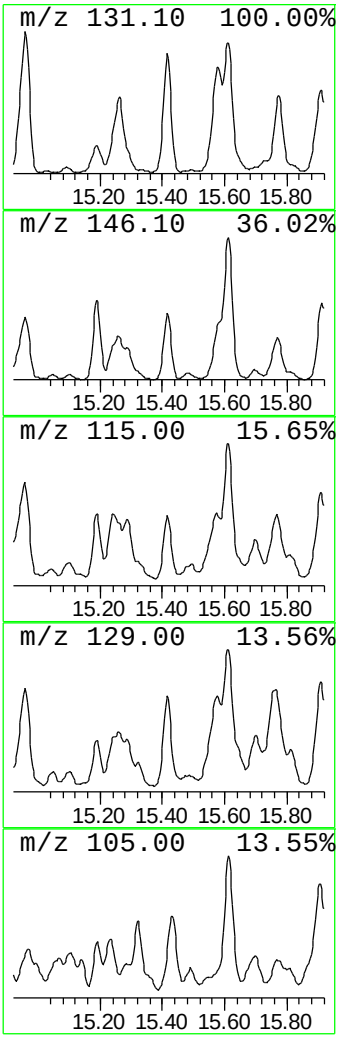
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	21.82 ug/l	2458860	1,4-Dichlorobenzene-d4	13.34

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-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
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Operator : JC/SP
Sample : K1970-05 10X
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ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

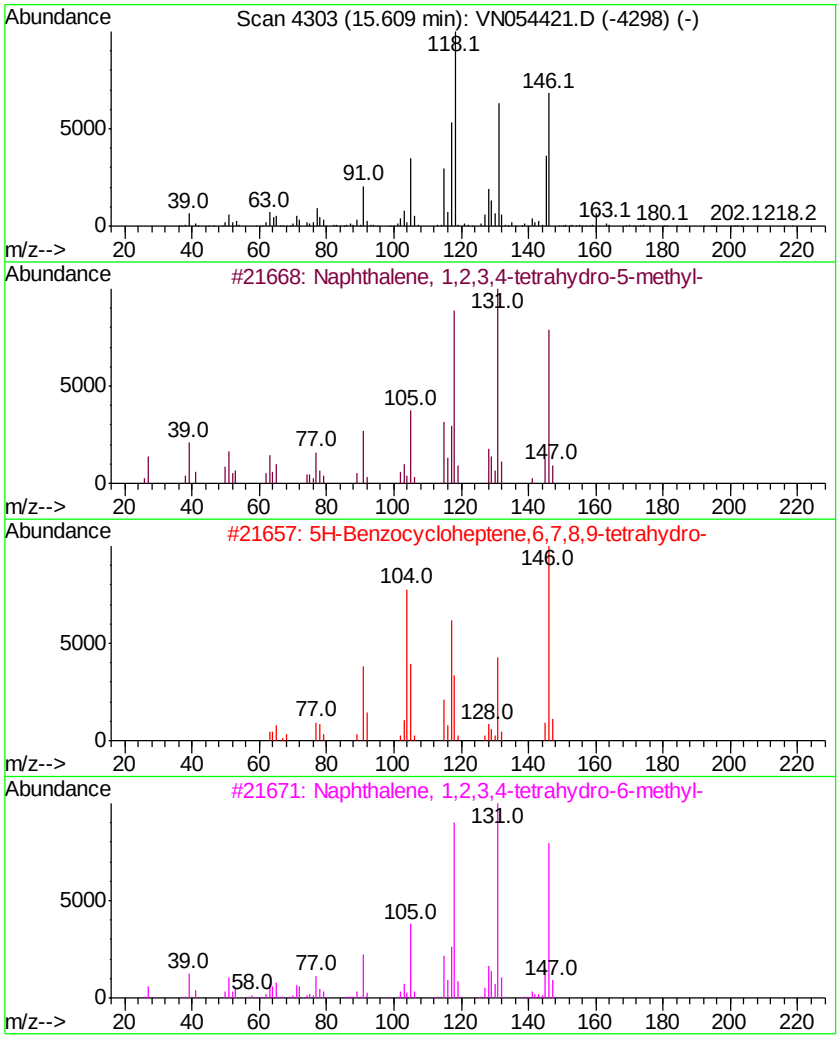
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

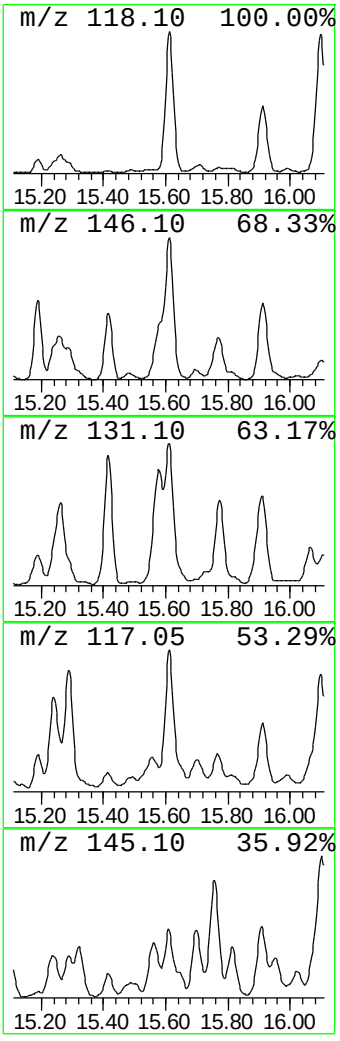
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	36.73 ug/l	4138890	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
2	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	52
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	45
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

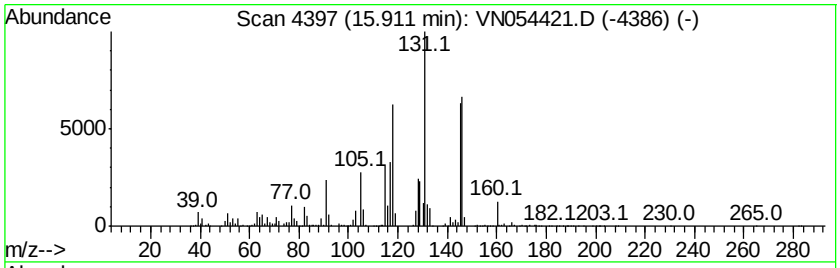
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

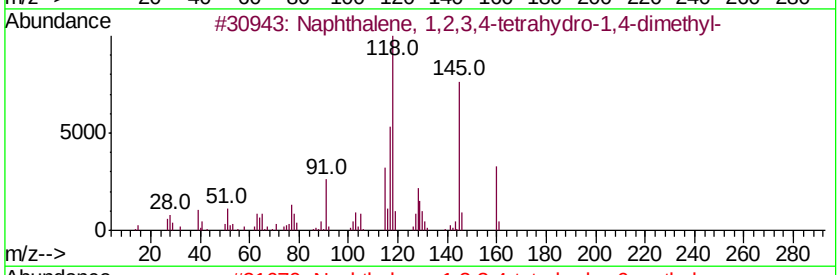
****

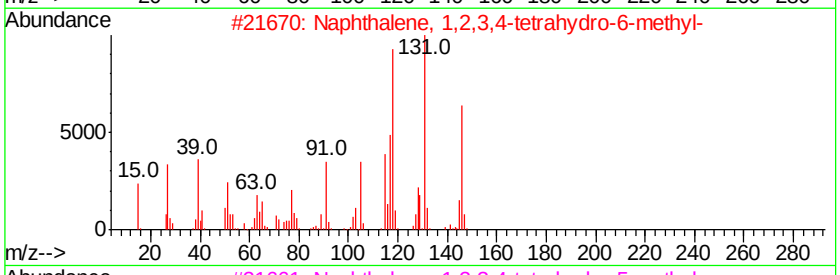
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

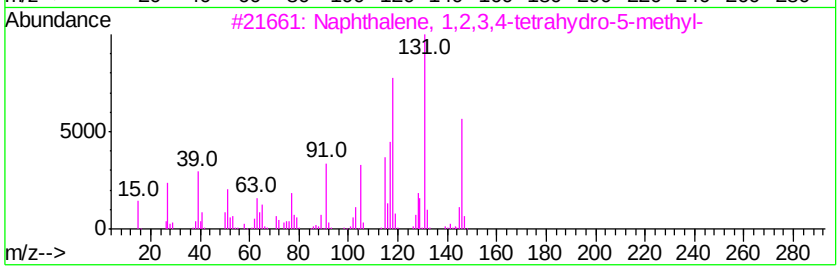
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	29.94 ug/l	3373220	1,4-Dichlorobenzene-d4	13.34

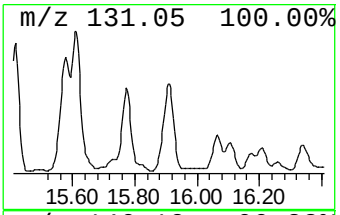
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	55
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53

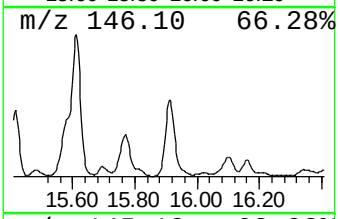


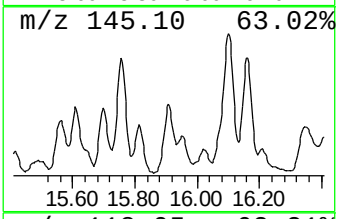


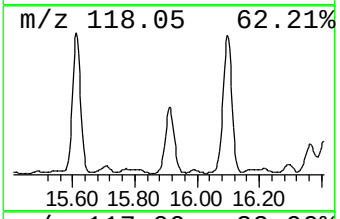


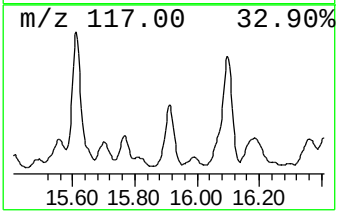












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

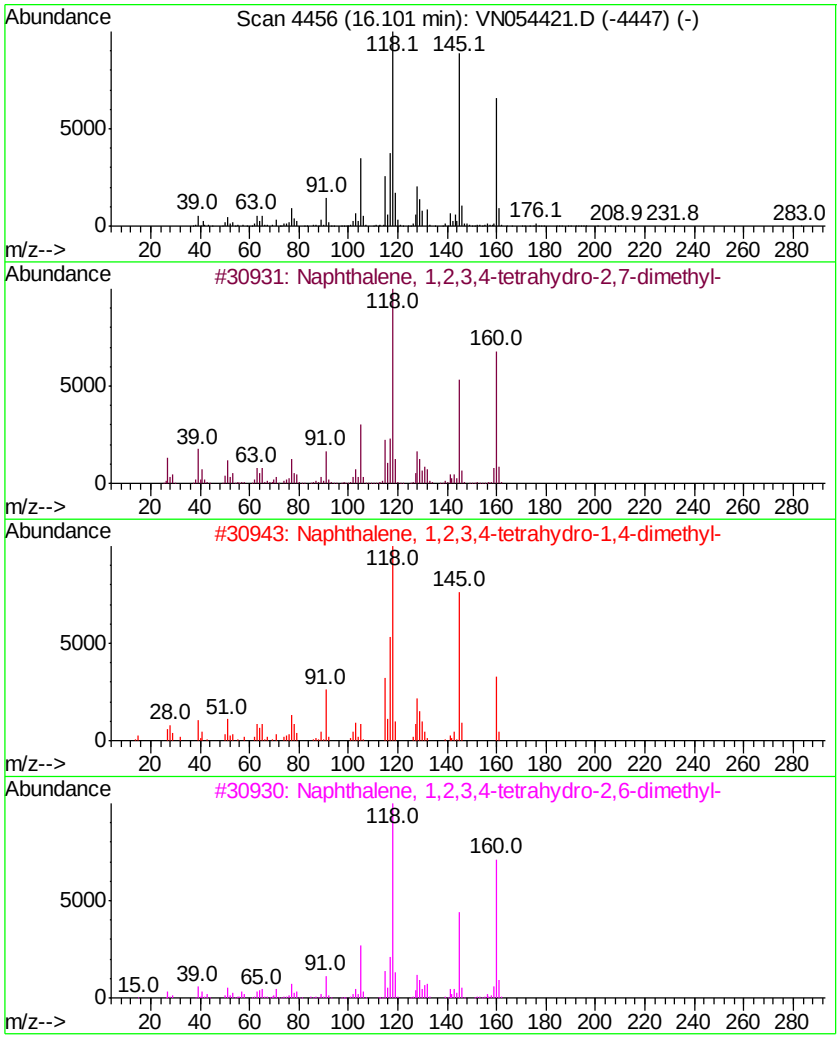
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

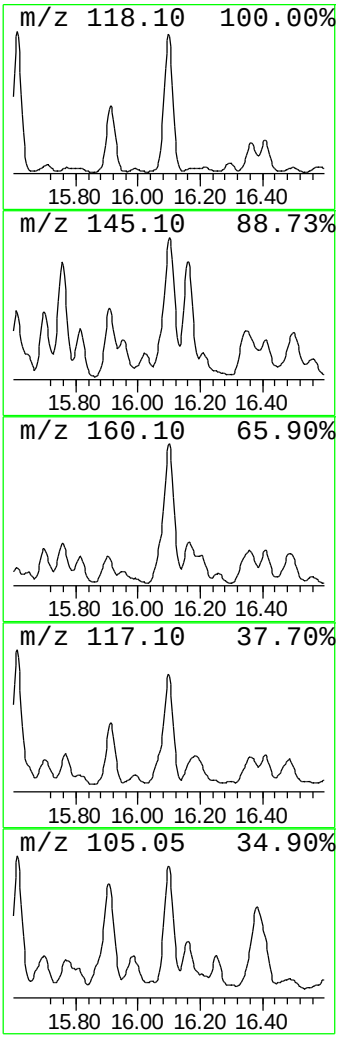
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	25.26 ug/l	2845680	1,4-Dichlorobenzene-d4	13.34

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	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

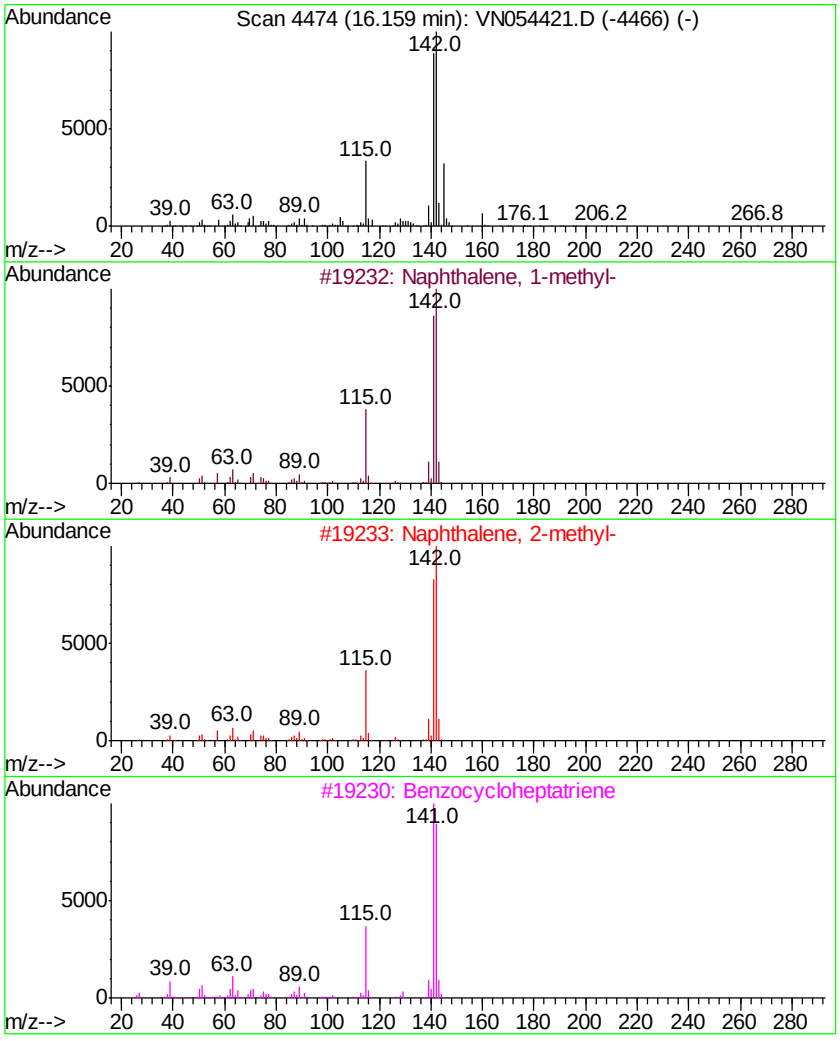
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

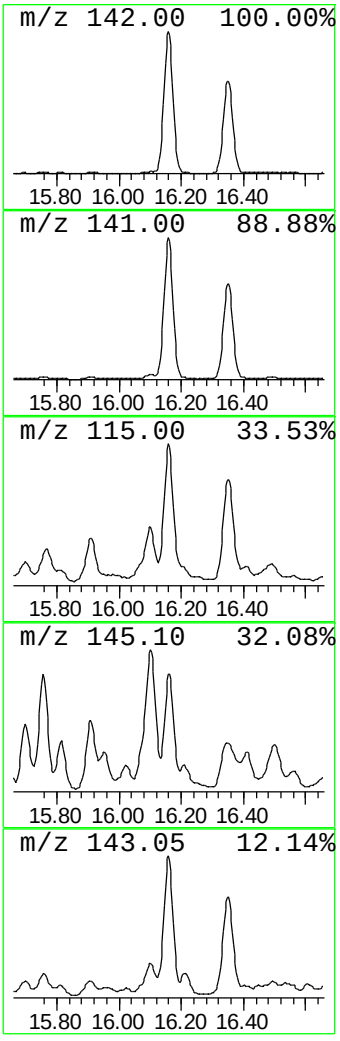
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	43.89 ug/l	4945500	1,4-Dichlorobenzene-d4	13.34

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	81
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054421.D
Acq On : 19 Mar 2019 4:35
Operator : JC/SP
Sample : K1970-05 10X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-5-E.WALL-SOUTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.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, 1-ethyl-...	13.89	23.6	ug/l	2665120	4	13.34	5633790	50.0
Benzene, 2-etheny...	14.59	56.3	ug/l	6345340	4	13.34	5633790	50.0
1H-Indene, 2,3-di...	14.96	28.6	ug/l	3228590	4	13.34	5633790	50.0
unknown15.24	15.24	35.9	ug/l	4049040	4	13.34	5633790	50.0
1H-Indene, 2,3-di...	15.42	21.8	ug/l	2458860	4	13.34	5633790	50.0
Naphthalene, 1,2,...	15.61	36.7	ug/l	4138890	4	13.34	5633790	50.0
Naphthalene, 1,2,...	15.91	29.9	ug/l	3373220	4	13.34	5633790	50.0
Naphthalene, 1,2,...	16.10	25.3	ug/l	2845680	4	13.34	5633790	50.0
Naphthalene, 1-me...	16.16	43.9	ug/l	4945500	4	13.34	5633790	50.0