LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054419.D
Acq On : 19 Mar 2019 3:40
Operator : JC/SP
Sample : K1970-08 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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	rBV	1021659	2544612	32.95%	2.679%
2	7.664	1820	1832	1865	rVB	1839279	4474478	57.94%	4.711%
3	8.027	1926	1945	1969	rBV	999850	2330719	30.18%	2.454%
4	8.584	2103	2118	2179	rVB	2527348	5715458	74.01%	6.017%
5	9.079	2252	2272	2284	rBV4	61417	150044	1.94%	0.158%
6	9.866	2503	2517	2538	rVB5	46523	144577	1.87%	0.152%
7	10.091	2569	2587	2620	rBV	3781171	7722781	100.00%	8.131%
8	10.432	2685	2693	2710	rVB3	55250	104362	1.35%	0.110%
9	10.529	2710	2723	2734	rBV6	43888	97569	1.26%	0.103%
10	10.718	2773	2782	2792	rBV3	64187	102704	1.33%	0.108%
11	10.950	2848	2854	2862	rVB2	79681	110995	1.44%	0.117%
12	11.005	2863	2871	2883	rVB2	136921	243230	3.15%	0.256%
13	11.120	2897	2907	2915	rBV5	67670	123634	1.60%	0.130%
14	11.201	2923	2932	2951	rVB6	193601	442447	5.73%	0.466%
15	11.297	2952	2962	2982	rBV	166499	307252	3.98%	0.323%
16	11.407	2983	2996	3018	rBV	3231732	6195694	80.23%	6.523%
17	11.509	3022	3028	3044	rVB2	122253	250223	3.24%	0.263%
18	11.593	3045	3054	3058	rBV7	63186	114331	1.48%	0.120%
19	11.632	3059	3066	3080	rVB6	184196	410156	5.31%	0.432%
20	11.921	3144	3156	3169	rBV7	187889	477655	6.19%	0.503%
21	12.043	3187	3194	3202	rVB	226155	296665	3.84%	0.312%
22	12.120	3210	3218	3223	rBV4	172704	286264	3.71%	0.301%
23	12.159	3224	3230	3249	rVB6	286492	549944	7.12%	0.579%
24	12.246	3252	3257	3265	rBV	91980	123498	1.60%	0.130%
25	12.336	3280	3285	3291	rBV2	131793	149297	1.93%	0.157%
26	12.400	3296	3305	3316	rBV	2612514	4236037	54.85%	4.460%
27	12.561	3349	3355	3360	rBV3	181073	280709	3.63%	0.296%
28	12.728	3388	3407	3417	rBV7	875359	2035092	26.35%	2.143%
29	12.873	3444	3452	3457	rBV7	138235	250354	3.24%	0.264%
30	12.963	3473	3480	3492	rVB3	536185	873945	11.32%	0.920%
31	13.040	3494	3504	3514	rBV	1046839	1741697	22.55%	1.834%
32	13.169	3532	3544	3552	rVB5	335549	636573	8.24%	0.670%
33	13.284	3575	3580	3586	rVB3	277391	334526	4.33%	0.352%
34	13.342	3587	3598	3617	rVB2	3472543	6785508	87.86%	7.144%

LSC Area Percent Report

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Sample : K1970-08 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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	13.423	3618	3623	3631	rVB5	144689	181311	2.35%	0.191%
36	13.590	3668	3675	3688	rBV3	510081	1047999	13.57%	1.103%
37	13.667	3690	3699	3708	rVV6	813539	1433624	18.56%	1.509%
38	13.802	3735	3741	3745	rBV	397456	502994	6.51%	0.530%
39	13.889	3760	3768	3777	rVB2	1171259	1836325	23.78%	1.933%
40	13.995	3791	3801	3811	rVB3	1053424	1769732	22.92%	1.863%
41	14.172	3848	3856	3863	rBV5	567097	1159862	15.02%	1.221%
42	14.246	3875	3879	3887	rVB	704473	906731	11.74%	0.955%
43	14.294	3887	3894	3900	rBV3	549621	767045	9.93%	0.808%
44	14.332	3901	3906	3913	rVB4	458541	598693	7.75%	0.630%
45	14.477	3943	3951	3960	rBV3	803526	1610577	20.85%	1.696%
46	14.522	3961	3965	3973	rVB2	736634	966670	12.52%	1.018%
47	14.590	3974	3986	3997	rBV5	2131812	4902835	63.49%	5.162%
48	14.644	3998	4003	4015	rVB4	695577	1213400	15.71%	1.278%
49	14.741	4026	4033	4042	rVB	726200	1078702	13.97%	1.136%
50	14.815	4051	4056	4058	rBV4	278245	292278	3.78%	0.308%
51	14.850	4061	4067	4073	rVV4	760739	1145929	14.84%	1.206%
52	14.956	4091	4100	4112	rVB2	1027852	2052422	26.58%	2.161%
53	15.188	4165	4172	4180	rBV	775914	1166981	15.11%	1.229%
54	15.242	4181	4189	4209	rVB7	789867	2537412	32.86%	2.671%
55	15.416	4233	4243	4256	rBV3	892211	1894377	24.53%	1.994%
56	15.612	4298	4304	4318	rVB	1804308	2993620	38.76%	3.152%
57	15.767	4344	4352	4377	rVB7	808717	2611114	33.81%	2.749%
58	15.911	4386	4397	4407	rBV2	1152378	2286730	29.61%	2.408%
59	16.101	4447	4456	4465	rVB2	1069743	1965891	25.46%	2.070%
60	16.159	4466	4474	4485	rVB	1377933	2395751	31.02%	2.522%
61	16.352	4523	4534	4546	rBV3	1296973	3019408	39.10%	3.179%

Sum of corrected areas: 94981443

LSC Report - Integrated Chromatogram

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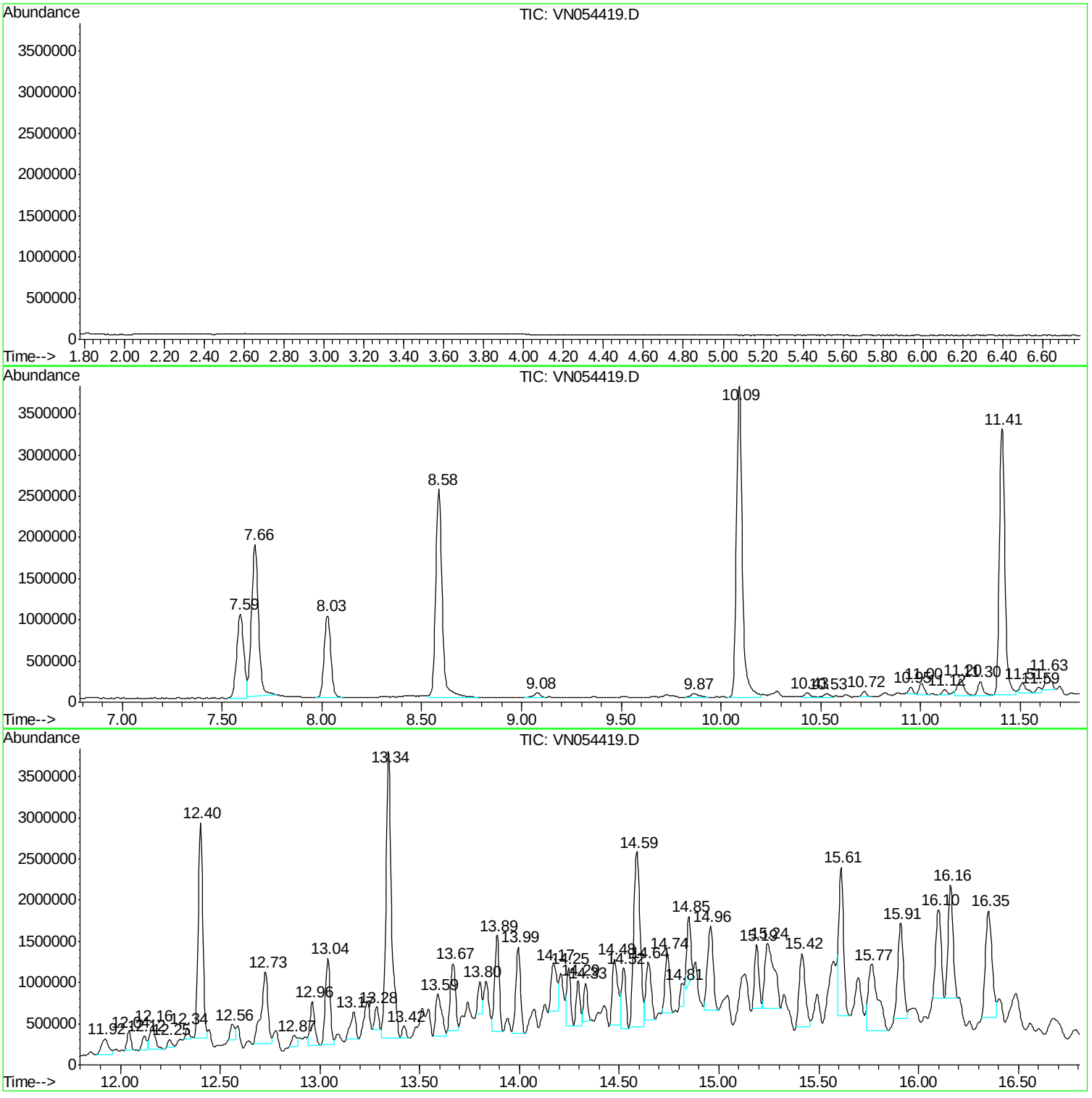
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P-8-W.WALL-S.CENTER

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



Library Search Compound Report

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Data File : VN054419.D
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ClientSampleId : P-8-W.WALL-S.CENTER

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

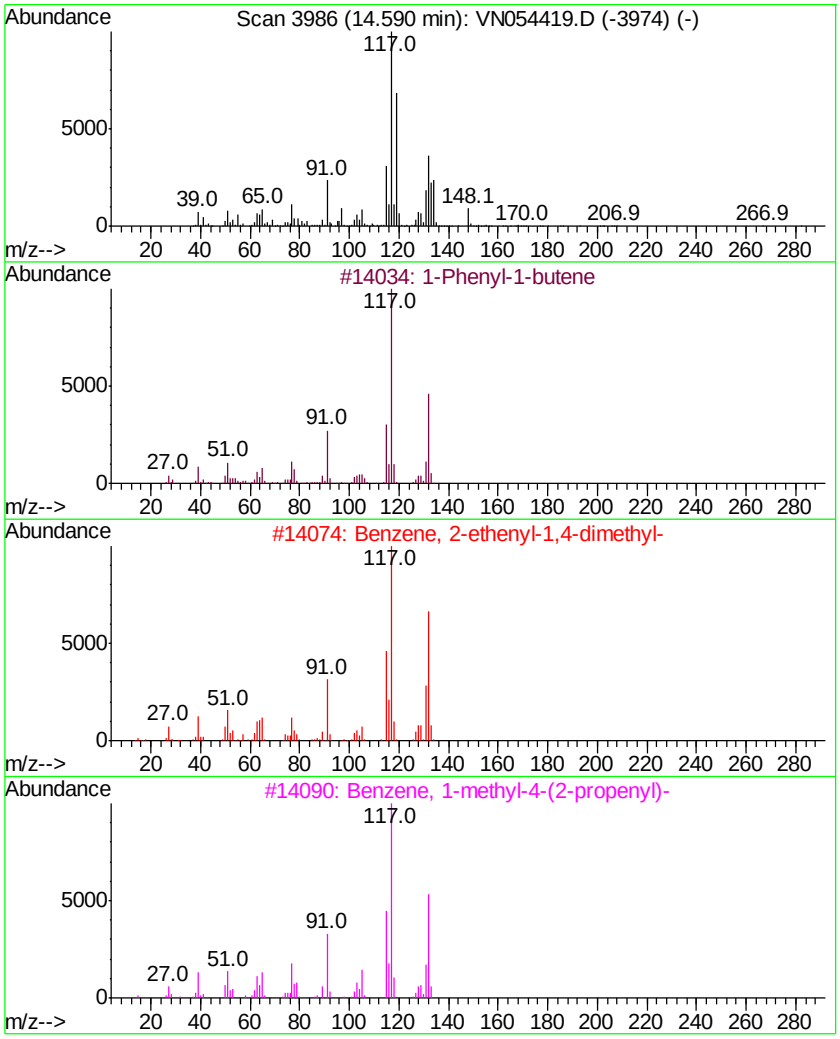
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

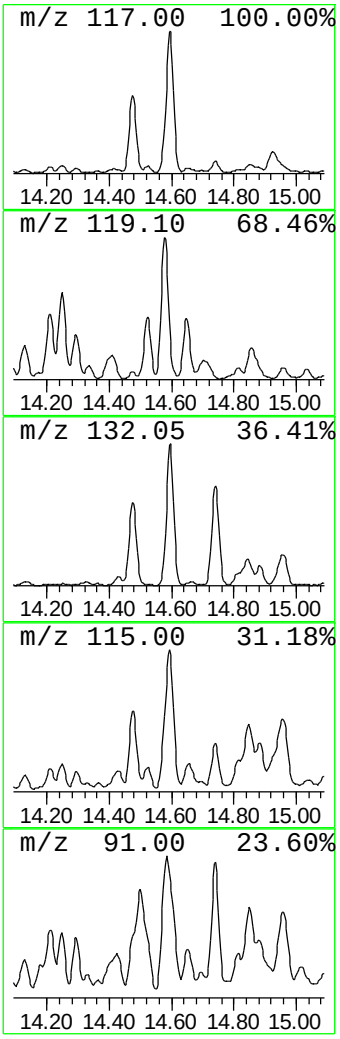
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	36.13 ug/l	4902840	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Library Search Compound Report

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Acq On : 19 Mar 2019 3:40
Operator : JC/SP
Sample : K1970-08 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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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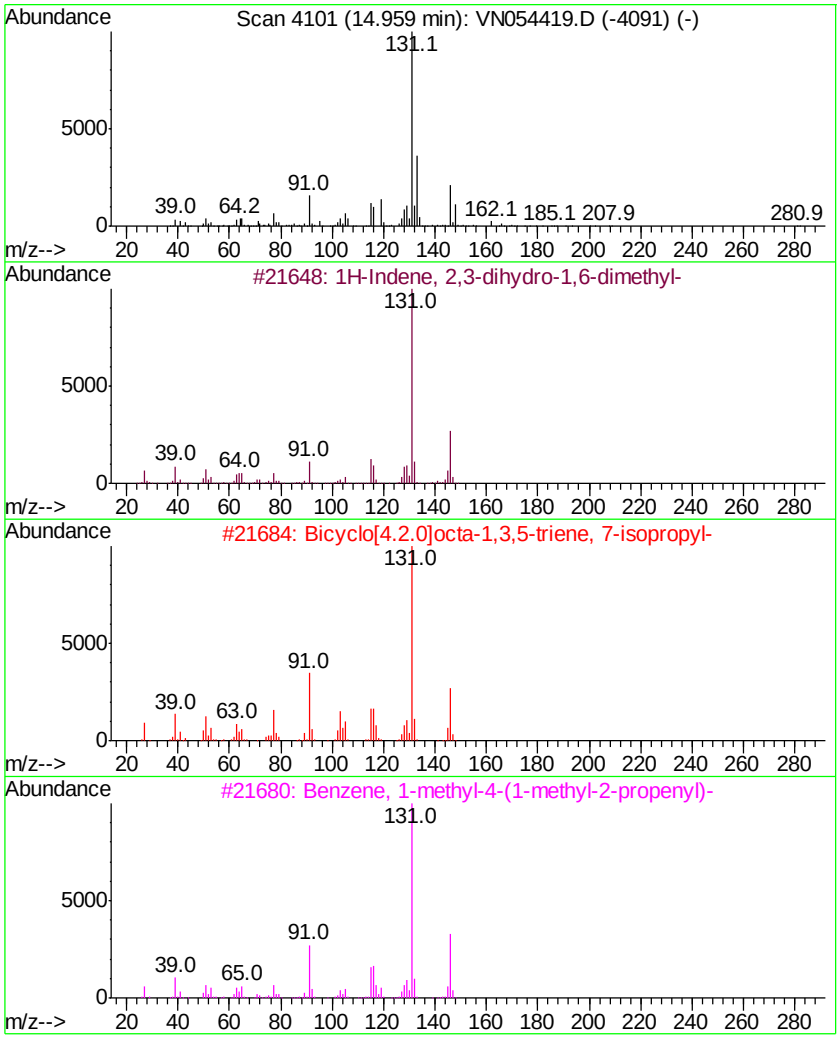
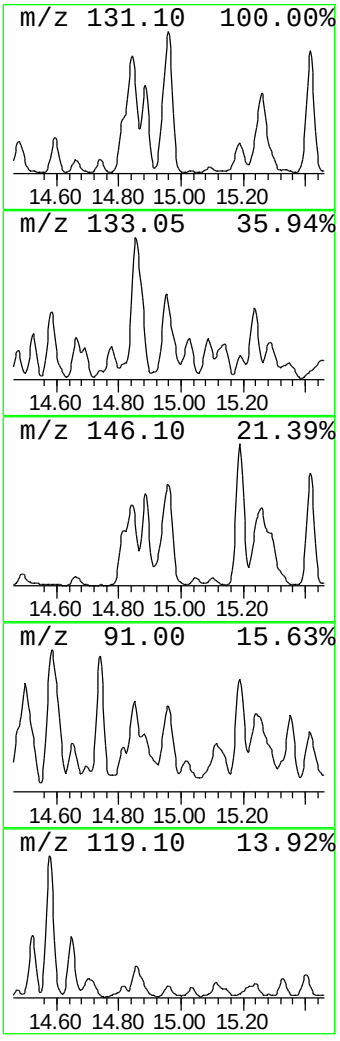
Peak Number 2 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	15.12 ug/l	2052420	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	83
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Library Search Compound Report

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Operator : JC/SP
Sample : K1970-08 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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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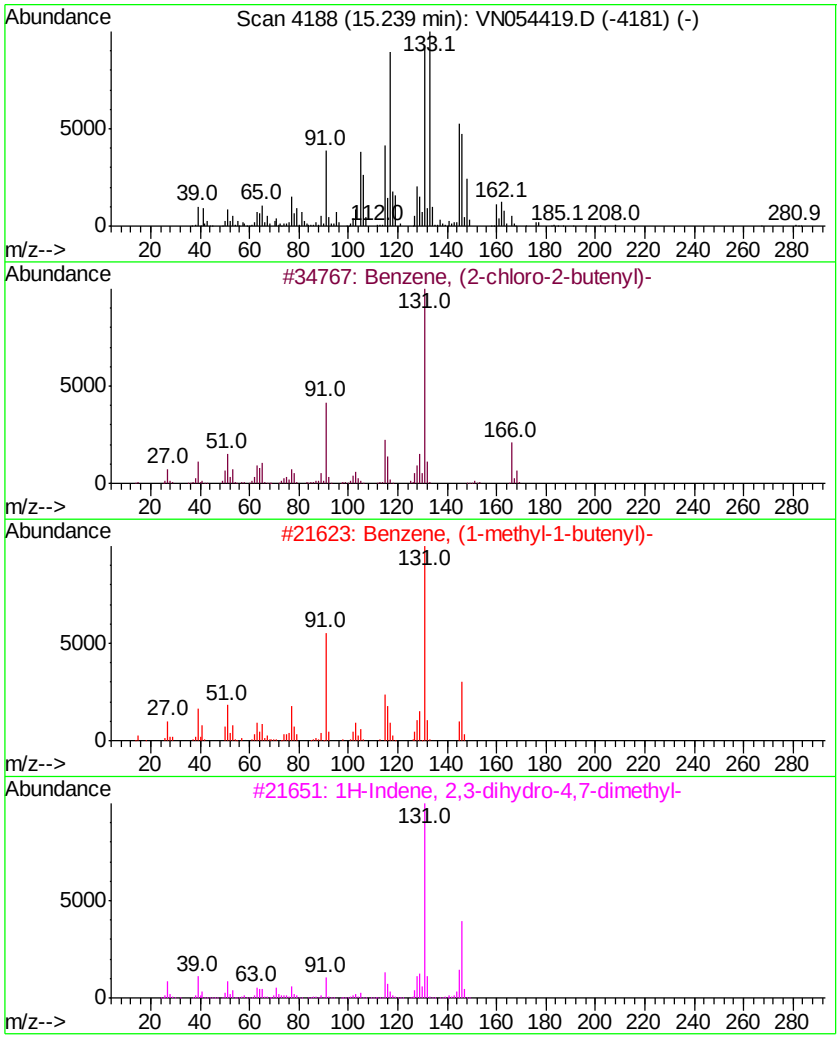
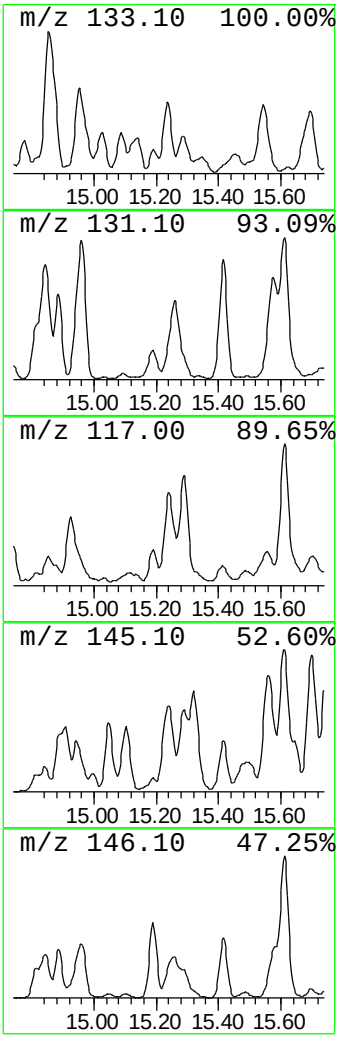
Peak Number 3 Benzene, (2-chloro-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	18.70 ug/l	2537410	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	53
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	42
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42





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ClientSampleId : P-8-W.WALL-S.CENTER

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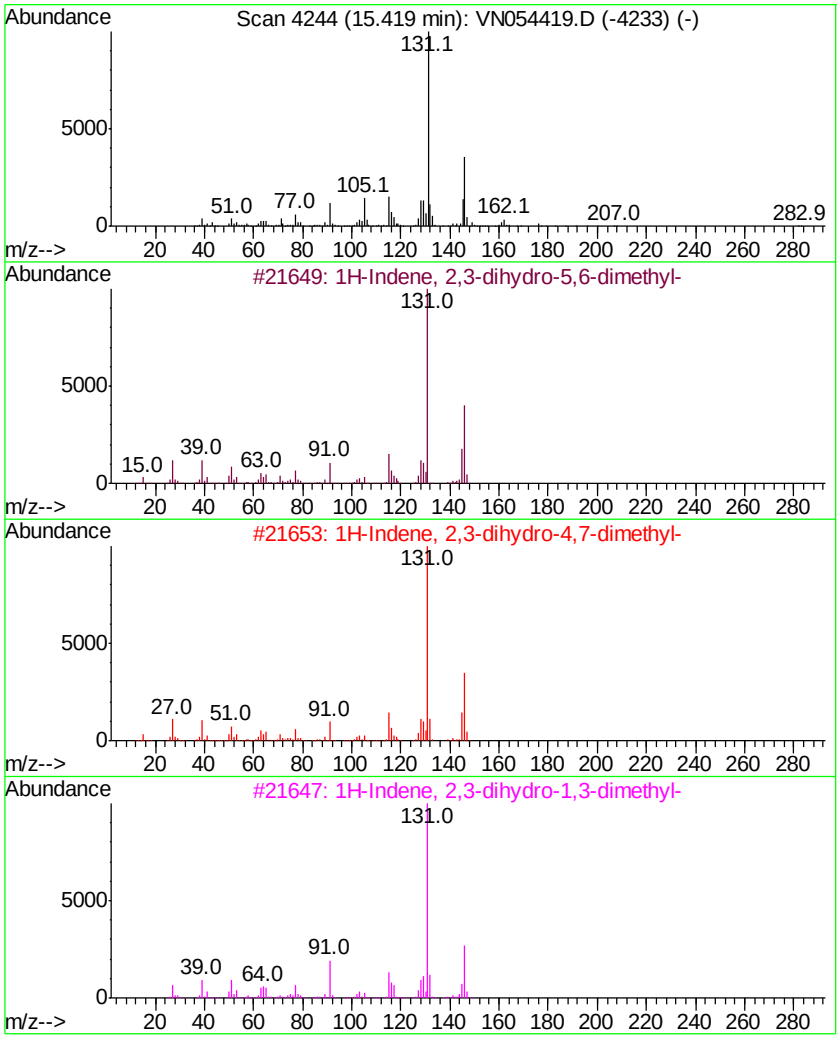
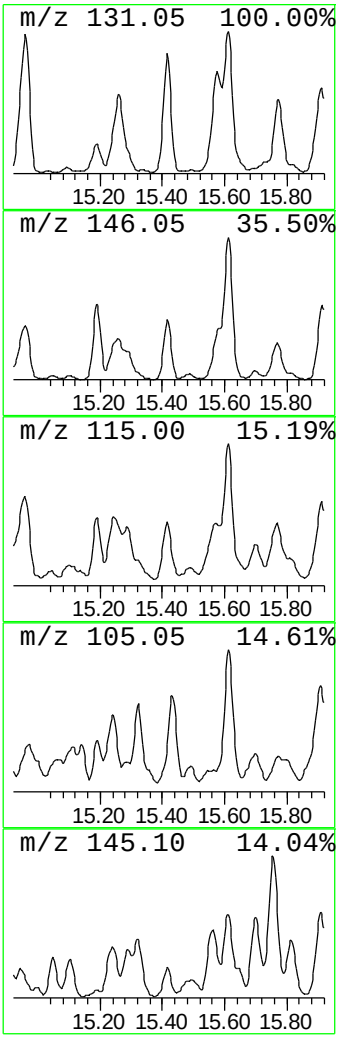
****

Peak Number 4 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	13.96 ug/l	1894380	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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

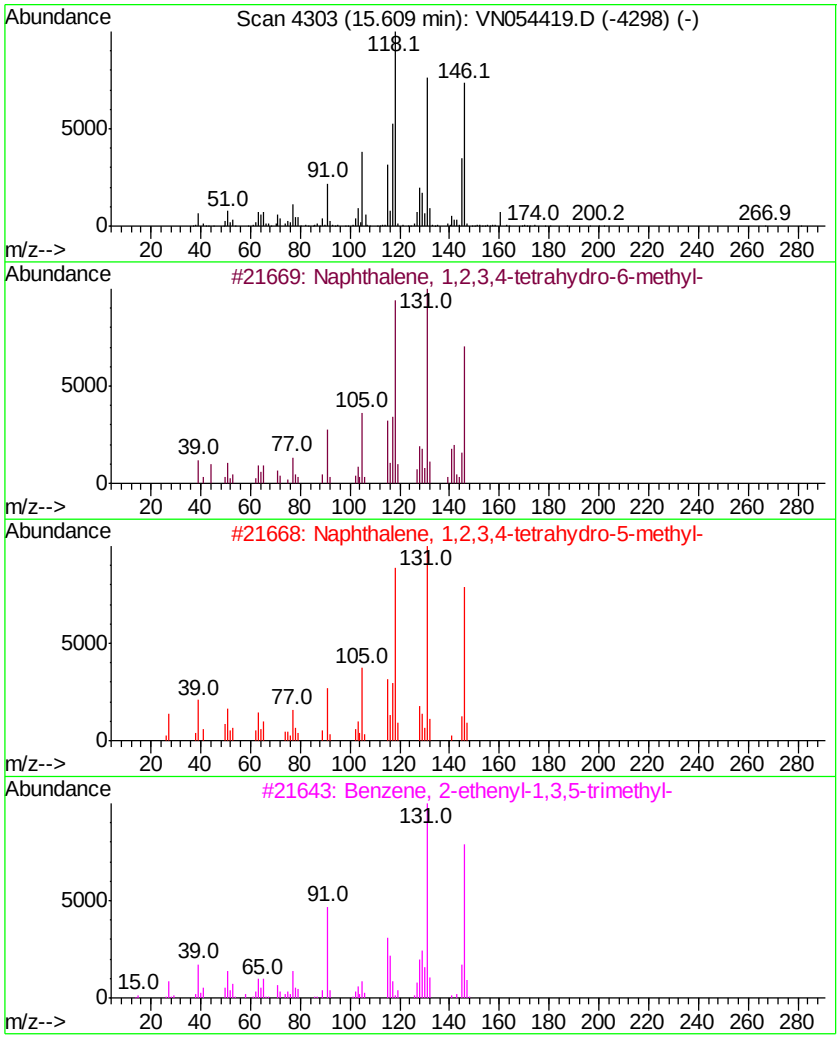
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

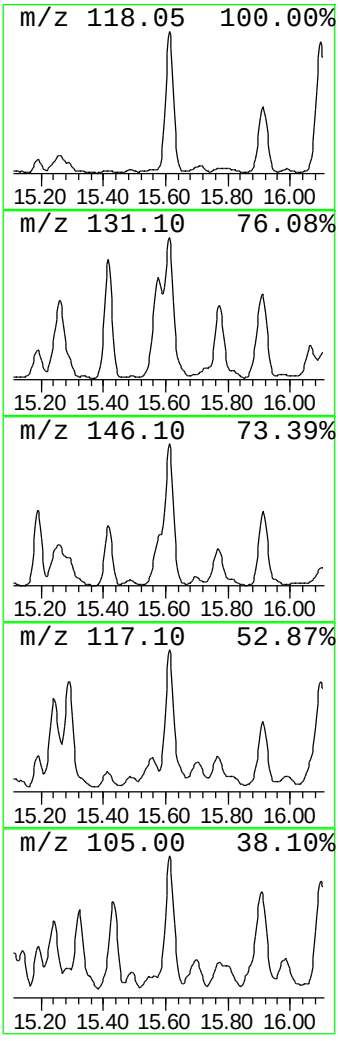
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	22.06 ug/l	2993620	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	80
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	30
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30





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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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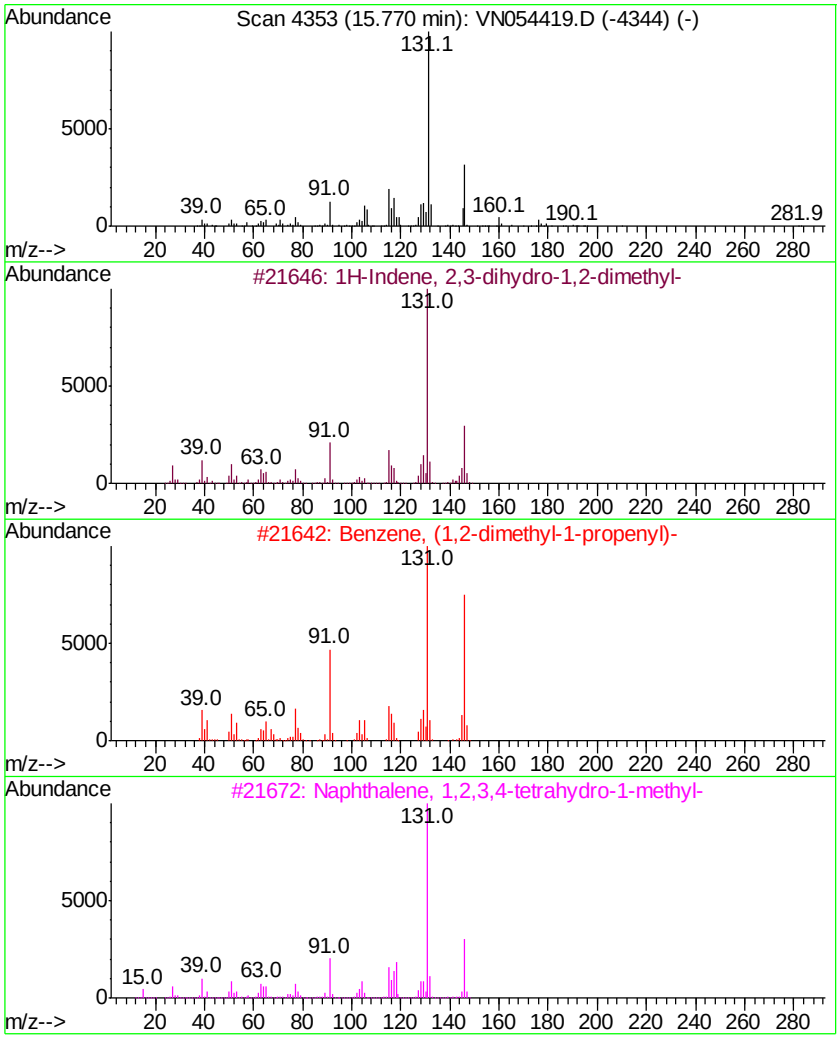
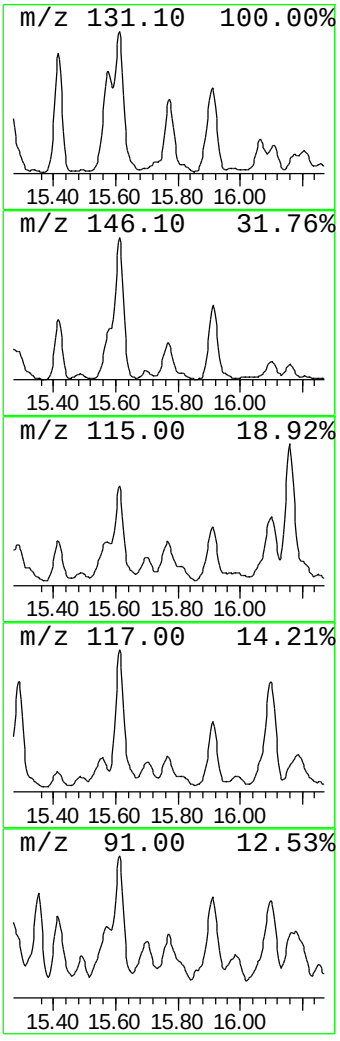
Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	19.24 ug/l	2611110	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	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	81





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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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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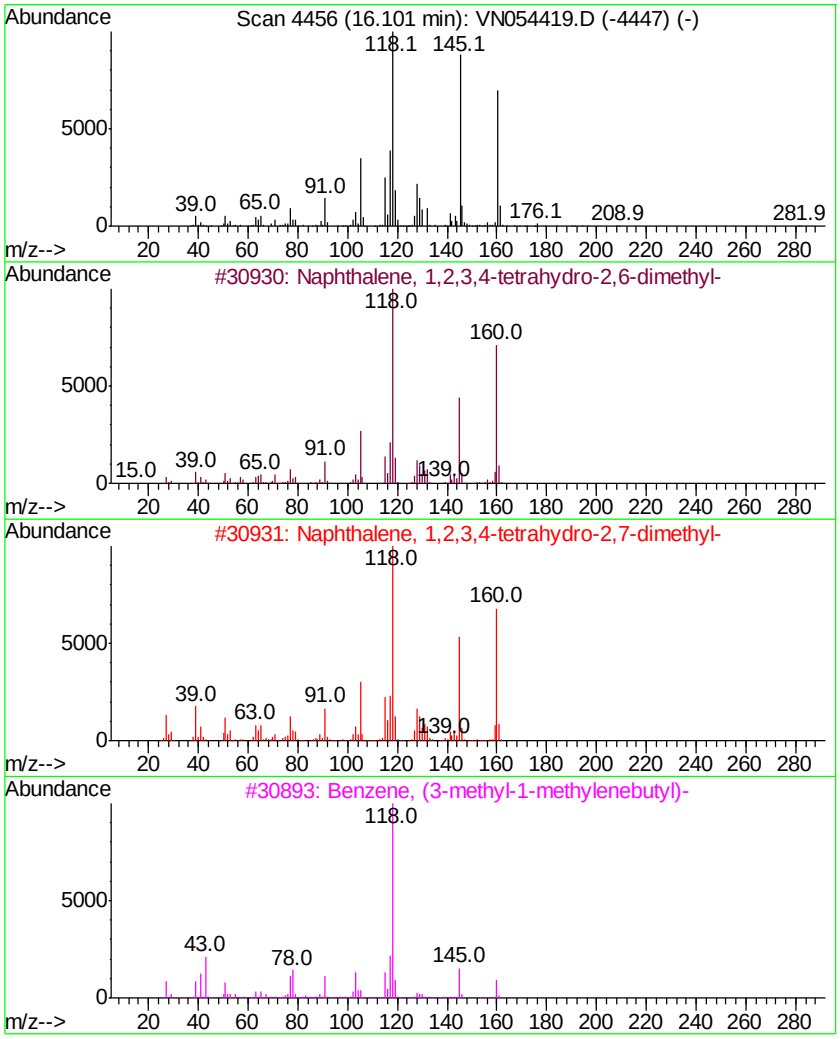
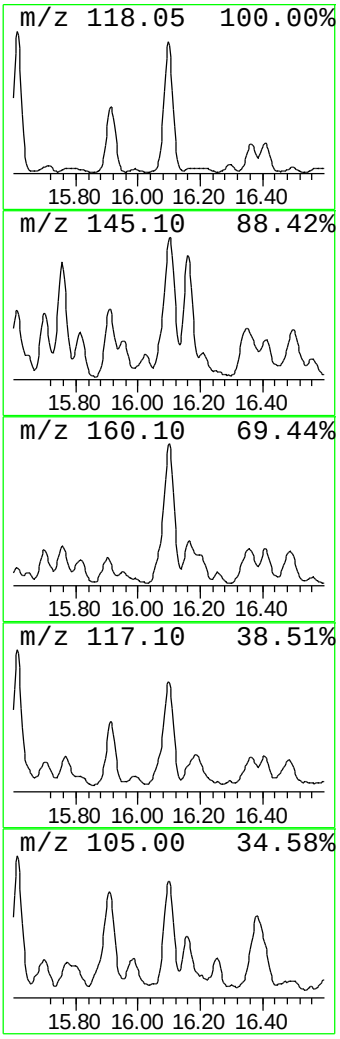
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	14.49 ug/l	1965890	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	72
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054419.D
Acq On : 19 Mar 2019 3:40
Operator : JC/SP
Sample : K1970-08 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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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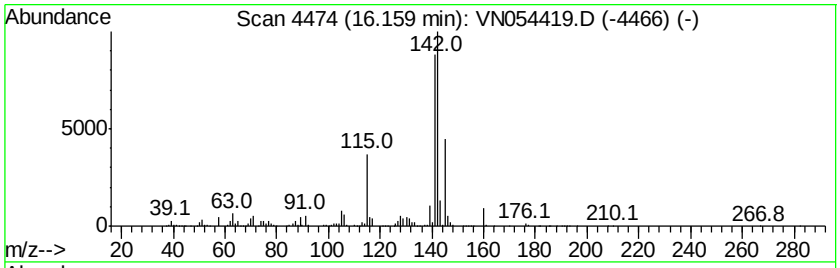
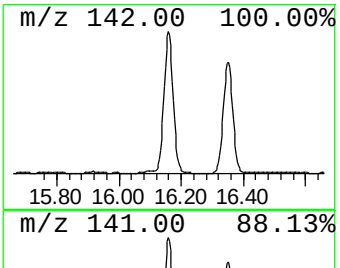
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	17.65 ug/l	2395750	1,4-Dichlorobenzene-d4	13.34

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	76
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	53
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054419.D
Acq On : 19 Mar 2019 3:40
Operator : JC/SP
Sample : K1970-08 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-8-W.WALL-S.CENTER

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
1-Phenyl-1-butene	14.59	36.1	ug/l	4902840	4	13.34	6785510	50.0
1H-Indene, 2,3-di...	14.96	15.1	ug/l	2052420	4	13.34	6785510	50.0
Benzene, (2-chlor...	15.24	18.7	ug/l	2537410	4	13.34	6785510	50.0
1H-Indene, 2,3-di...	15.42	14.0	ug/l	1894380	4	13.34	6785510	50.0
Naphthalene, 1,2,...	15.61	22.1	ug/l	2993620	4	13.34	6785510	50.0
1H-Indene, 2,3-di...	15.77	19.2	ug/l	2611110	4	13.34	6785510	50.0
Naphthalene, 1,2,...	16.10	14.5	ug/l	1965890	4	13.34	6785510	50.0
Naphthalene, 1-me...	16.16	17.6	ug/l	2395750	4	13.34	6785510	50.0