LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

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\82N051524W.M
Title : SW846 8260

Signal : TIC: VN082268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.171	1046	1057	1061	rBV	154384	365831	11.86%	2.102%
2	8.224	1061	1066	1084	rVB	284598	633711	20.54%	3.642%
3	8.582	1116	1127	1139	rBV	188514	456822	14.80%	2.625%
4	9.100	1207	1215	1225	rBV	412530	856690	27.76%	4.923%
5	10.571	1455	1465	1471	rBV	643657	1207923	39.14%	6.941%
6	10.629	1471	1475	1484	rVB	67125	126840	4.11%	0.729%
7	11.865	1677	1685	1696	rBV	604368	1092923	35.42%	6.280%
8	11.965	1696	1702	1708	rVB	26350	46138	1.50%	0.265%
9	12.070	1713	1720	1727	rBV	139800	264610	8.57%	1.521%
10	12.400	1765	1776	1785	rBV	133931	253687	8.22%	1.458%
11	12.629	1796	1815	1823	rBV4	32493	176752	5.73%	1.016%
12	12.770	1831	1839	1846	rBV4	10918	44284	1.44%	0.254%
13	12.853	1846	1853	1862	rVB	500102	865149	28.04%	4.971%
14	13.100	1890	1895	1900	rBV	50066	97174	3.15%	0.558%
15	13.170	1902	1907	1913	rVB2	106450	193958	6.29%	1.115%
16	13.335	1918	1935	1943	rBV4	82557	355509	11.52%	2.043%
17	13.482	1954	1960	1965	rBV	179522	290715	9.42%	1.671%
18	13.529	1965	1968	1973	rVB4	22359	34010	1.10%	0.195%
19	13.670	1973	1992	2007	rBV3	187264	968511	31.39%	5.565%
20	13.794	2007	2013	2022	rVB2	620302	1150247	37.28%	6.610%
21	14.012	2034	2050	2058	rBV5	276165	1018084	32.99%	5.850%
22	14.106	2060	2066	2074	rVV4	174878	511275	16.57%	2.938%
23	14.176	2074	2078	2084	rVB2	132217	227255	7.36%	1.306%
24	14.247	2086	2090	2092	rBV4	24111	38810	1.26%	0.223%
25	14.329	2100	2104	2109	rVB	28341	39403	1.28%	0.226%
26	14.441	2118	2123	2126	rBV5	31182	61143	1.98%	0.351%
27	14.564	2138	2144	2151	rVB6	69013	194332	6.30%	1.117%
28	14.629	2151	2155	2157	rVV4	28505	44789	1.45%	0.257%
29	14.659	2157	2160	2163	rVV4	42840	67814	2.20%	0.390%
30	14.694	2163	2166	2170	rVV	48324	62374	2.02%	0.358%
31	14.800	2176	2184	2186	rBV7	18806	44511	1.44%	0.256%
32	14.847	2186	2192	2202	rVB7	47378	136975	4.44%	0.787%
33	14.959	2207	2211	2218	rVB2	83531	131321	4.26%	0.755%
34	15.035	2218	2224	2245	rBV8	75956	394176	12.77%	2.265%
35	15.211	2247	2254	2260	rVB6	36045	74615	2.42%	0.429%
36	15.317	2267	2272	2282	rVB8	31095	80347	2.60%	0.462%

LSC Area Percent Report

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Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

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\82N051524W.M
Title : SW846 8260

37	15.441	2287	2293	2299	rVV7	28174	68458	2.22%	0.393%
38	15.511	2299	2305	2315	rVB9	33417	112234	3.64%	0.645%
39	15.641	2315	2327	2339	rBV	1557502	3085834	100.00%	17.732%
40	15.741	2340	2344	2350	rVB2	43412	88273	2.86%	0.507%
41	15.829	2356	2359	2370	rVB2	50929	113680	3.68%	0.653%
42	15.941	2372	2378	2385	rBV7	19464	54330	1.76%	0.312%
43	16.247	2422	2430	2431	rBV4	24617	44133	1.43%	0.254%
44	16.717	2503	2510	2513	rBV5	20711	48997	1.59%	0.282%
45	16.782	2513	2521	2522	rBV2	758731	1177603	38.16%	6.767%

Sum of corrected areas: 17402250

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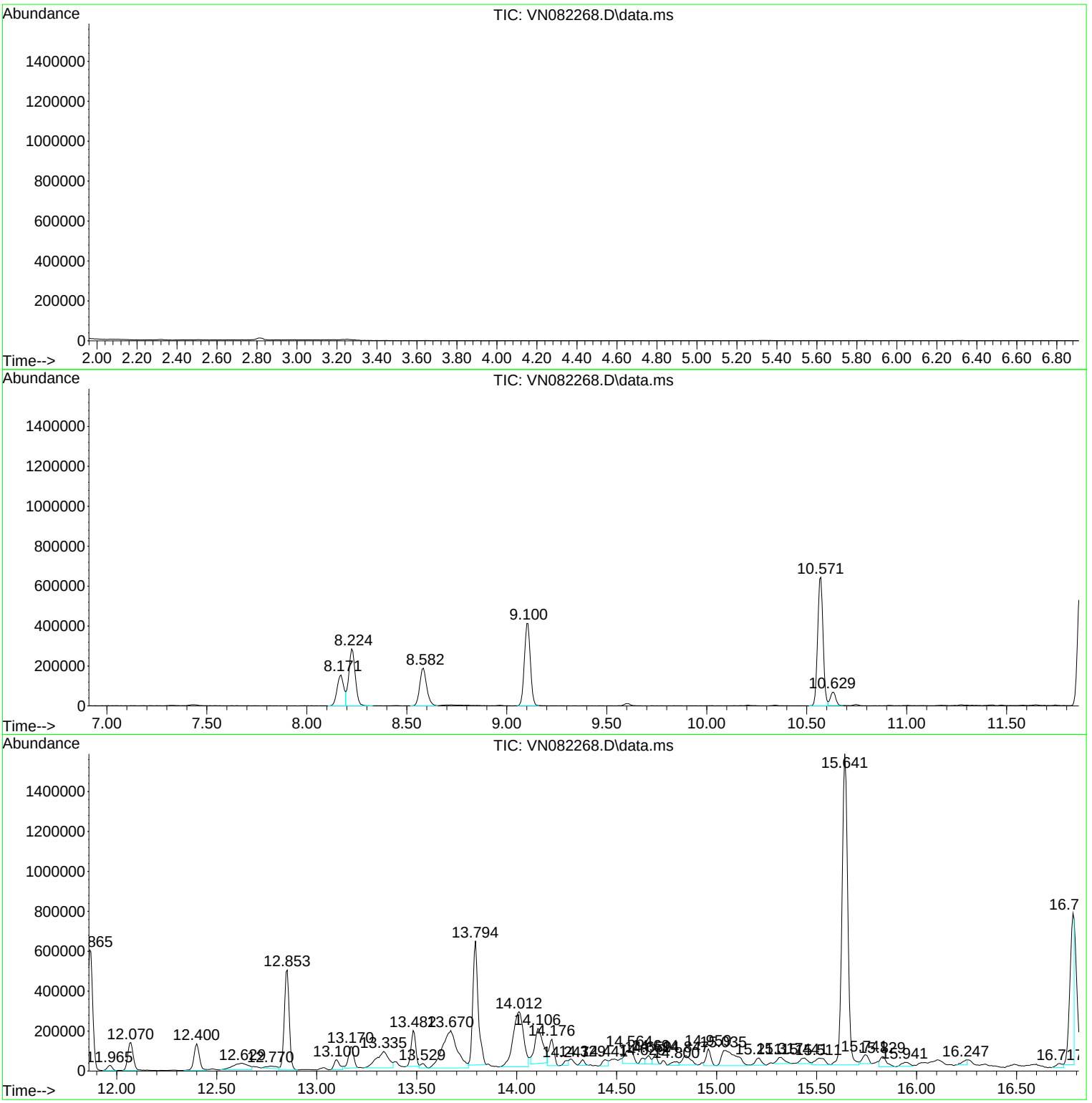
MSVOA_N
ClientSampleId :
8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

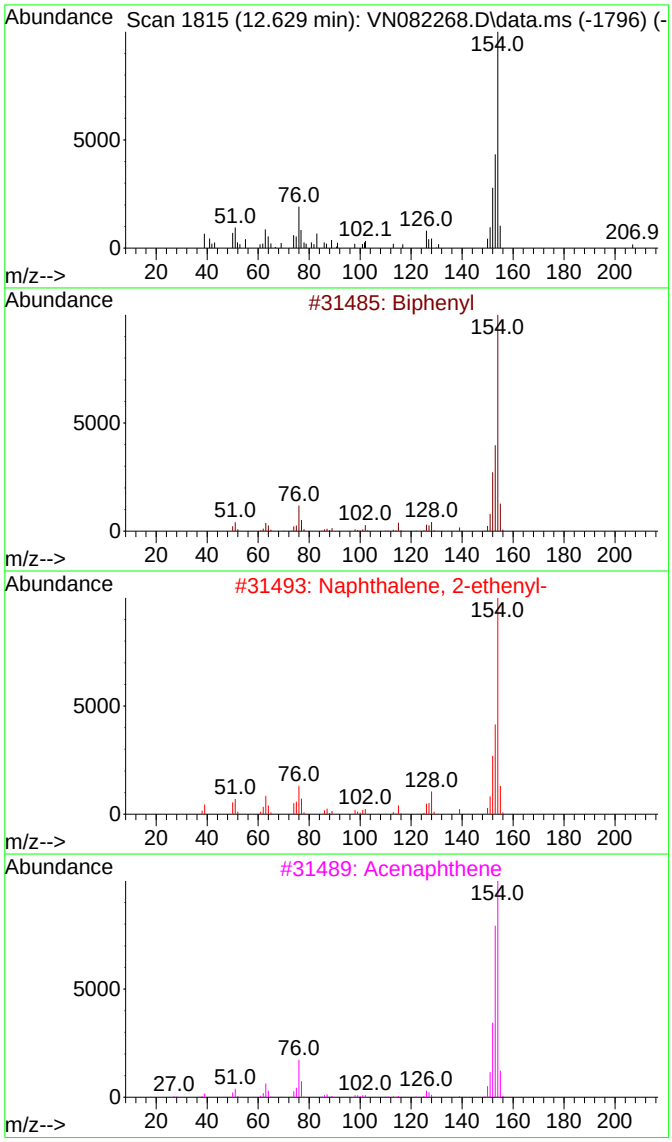
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

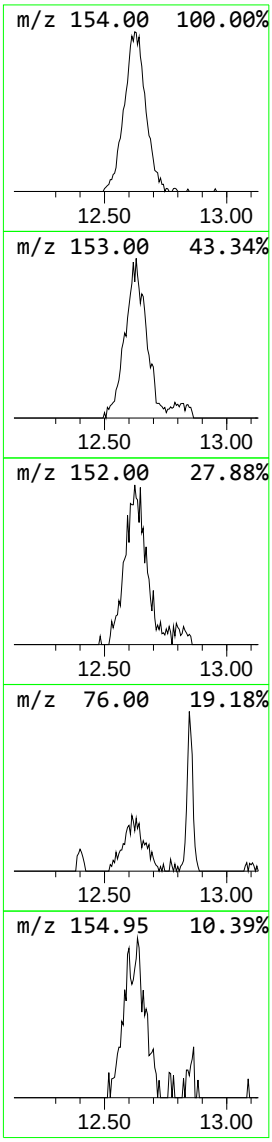
****

Peak Number 1 Biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.629	8.09 ug/l	176752	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	87
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74
3	Acenaphthene	154	C12H10	000083-32-9	64
4	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	53
5	Naphtho[1,2-c]thiophene, 1,3-dih...	202	C12H10OS	031739-49-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

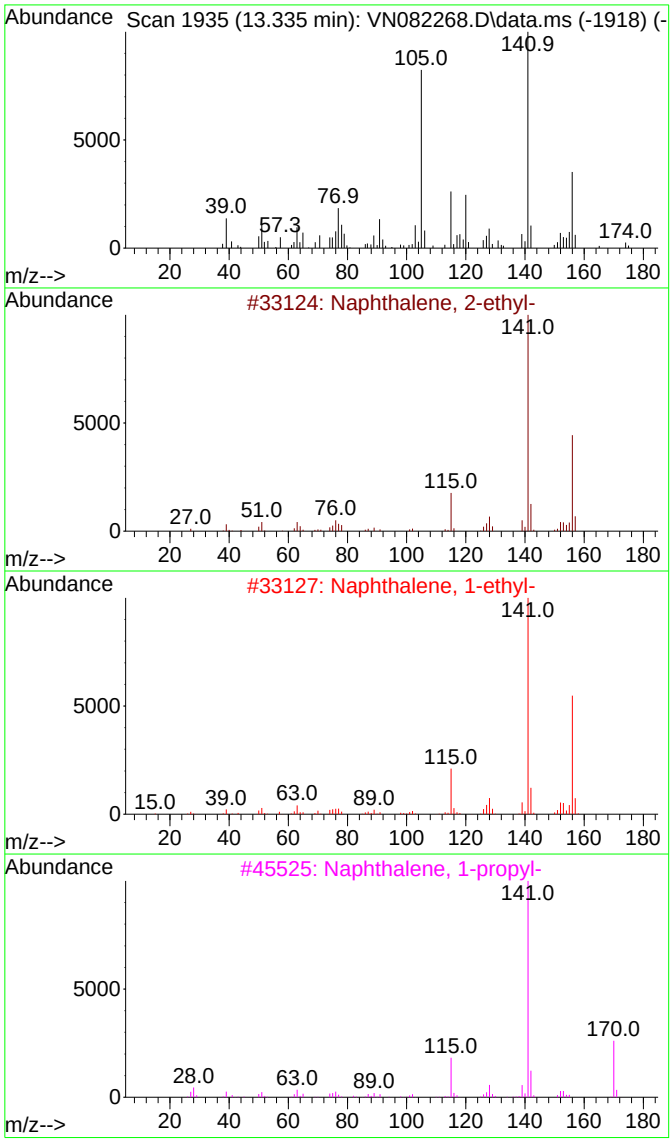
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

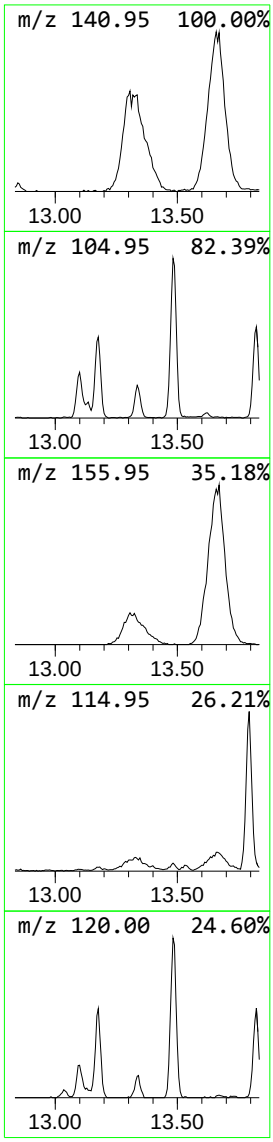
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	15.45 ug/l	355509	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	62
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	47
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

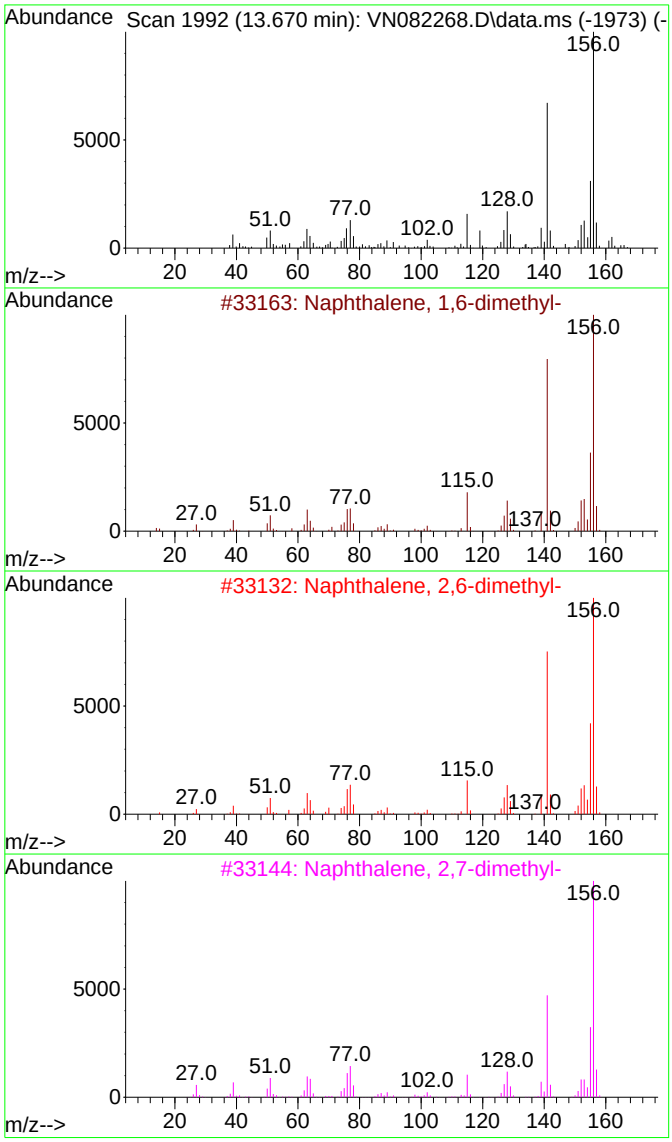
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

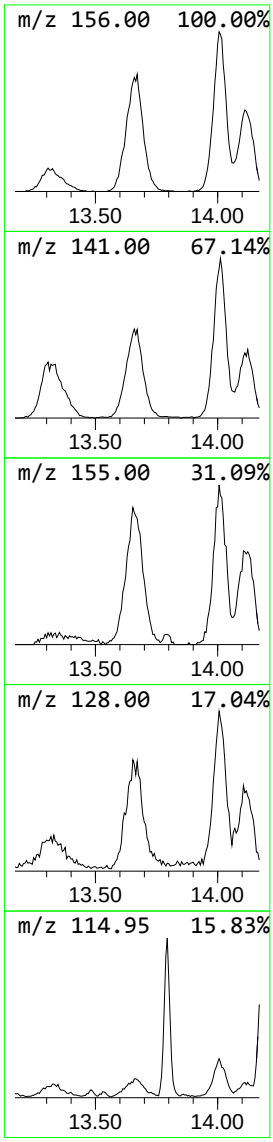
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	42.10 ug/l	968511	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

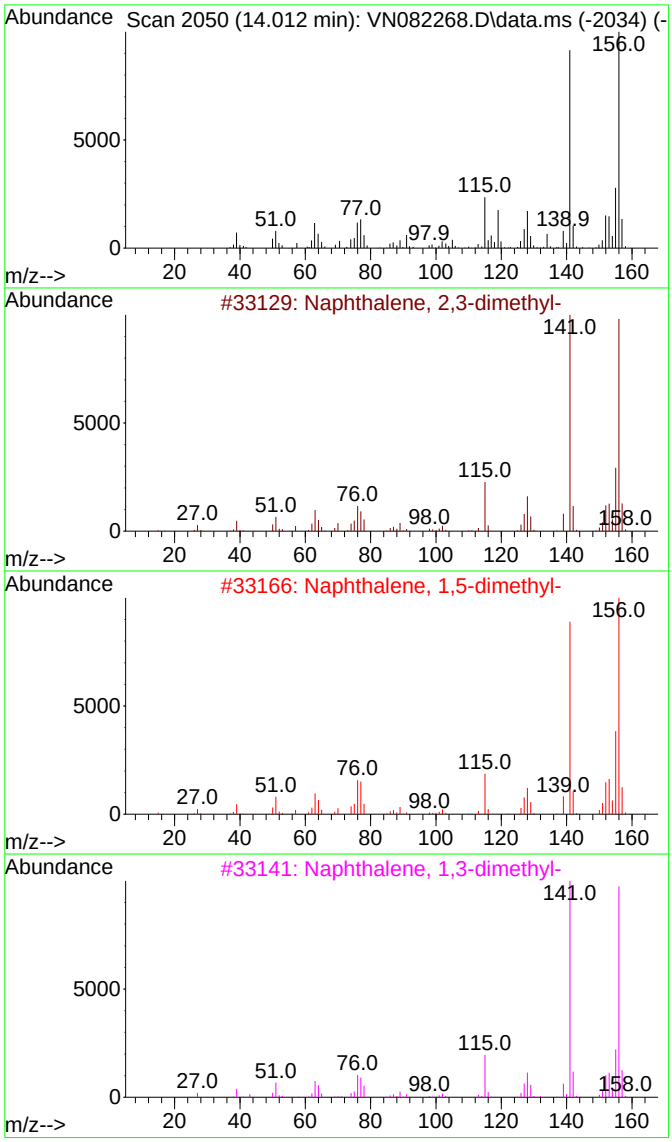
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

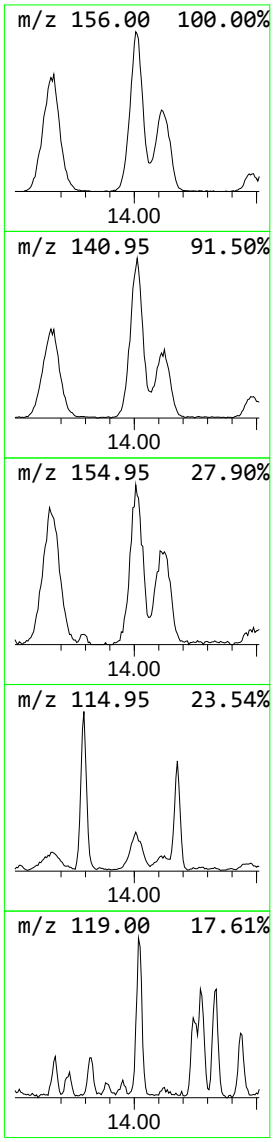
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.012	44.26 ug/l	1018080	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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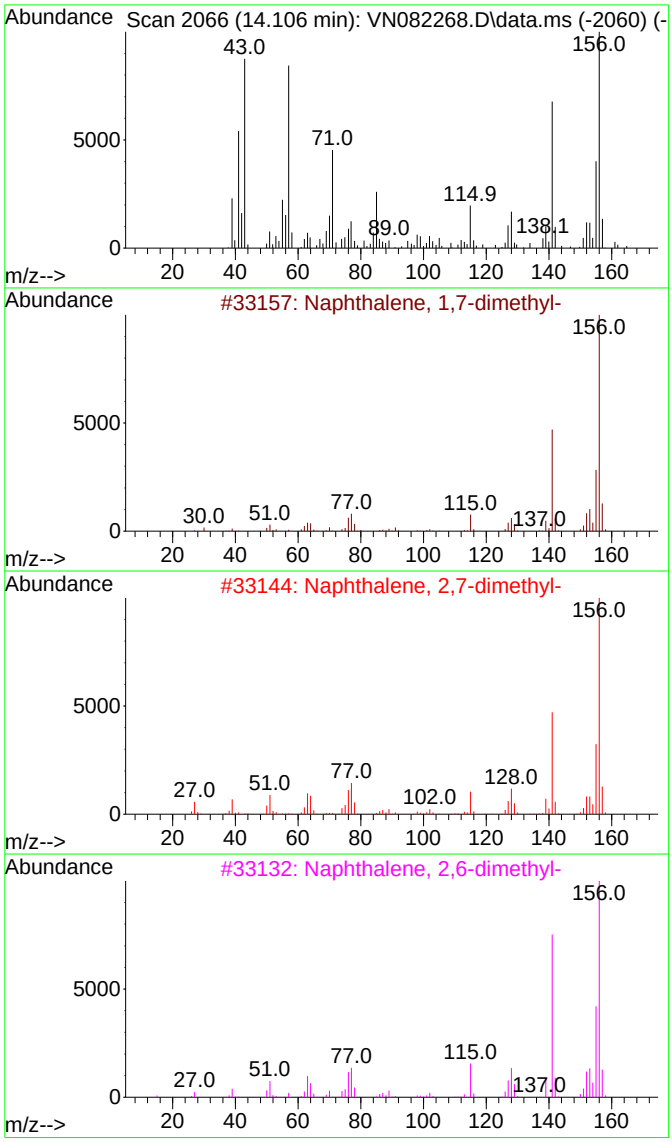
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

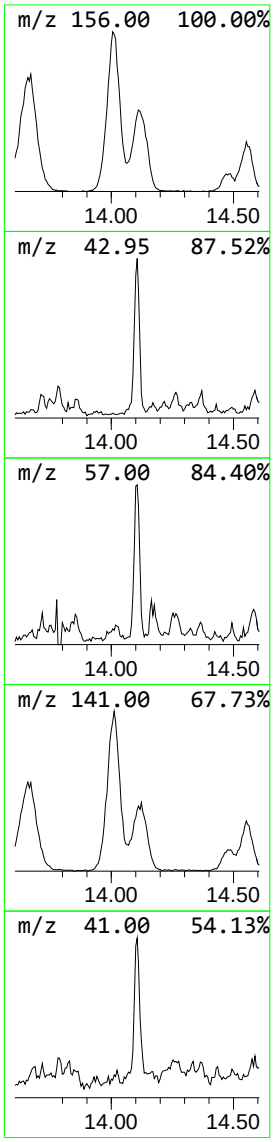
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.106	22.22 ug/l	511275	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
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Acq On : 22 May 2024 03:09
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Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

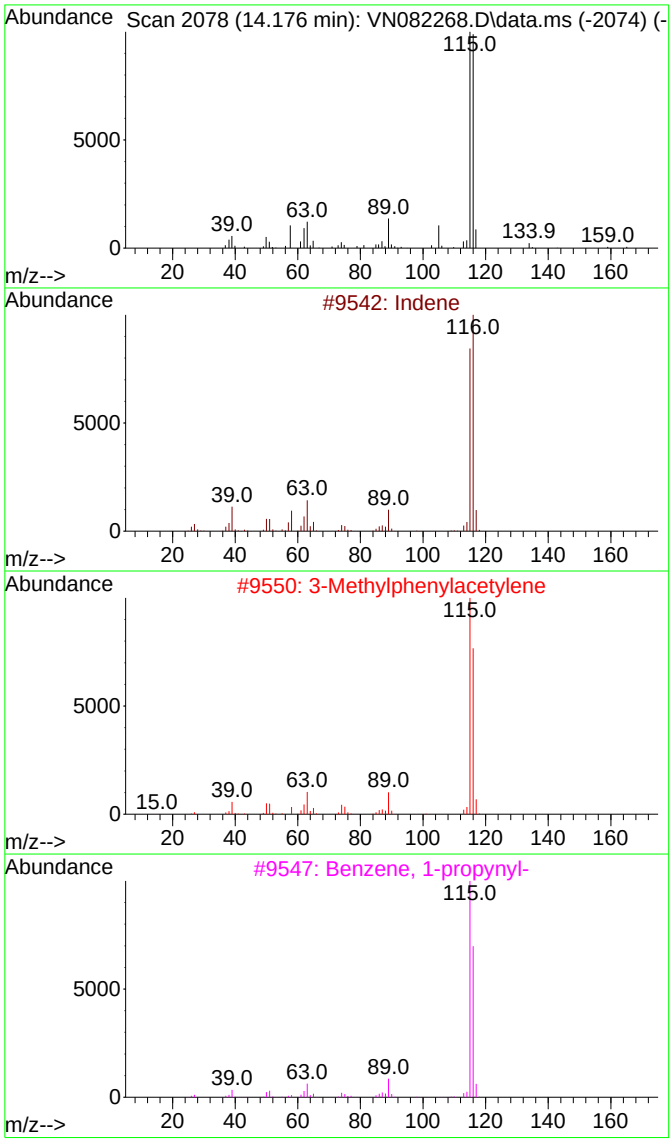
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

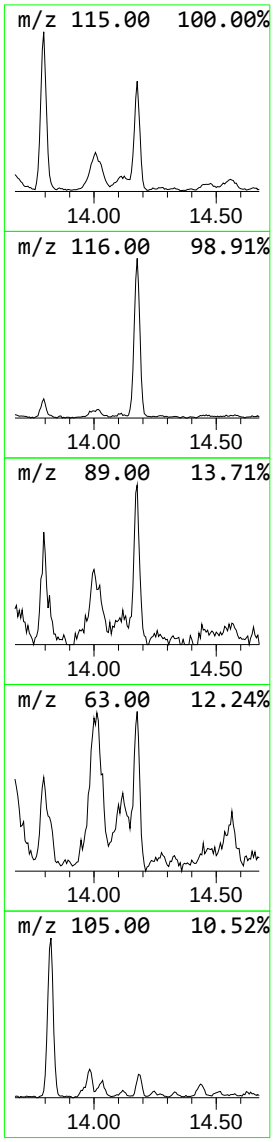
****

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	9.88 ug/l	227255	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	68
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	68





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Instrument :
MSVOA_N
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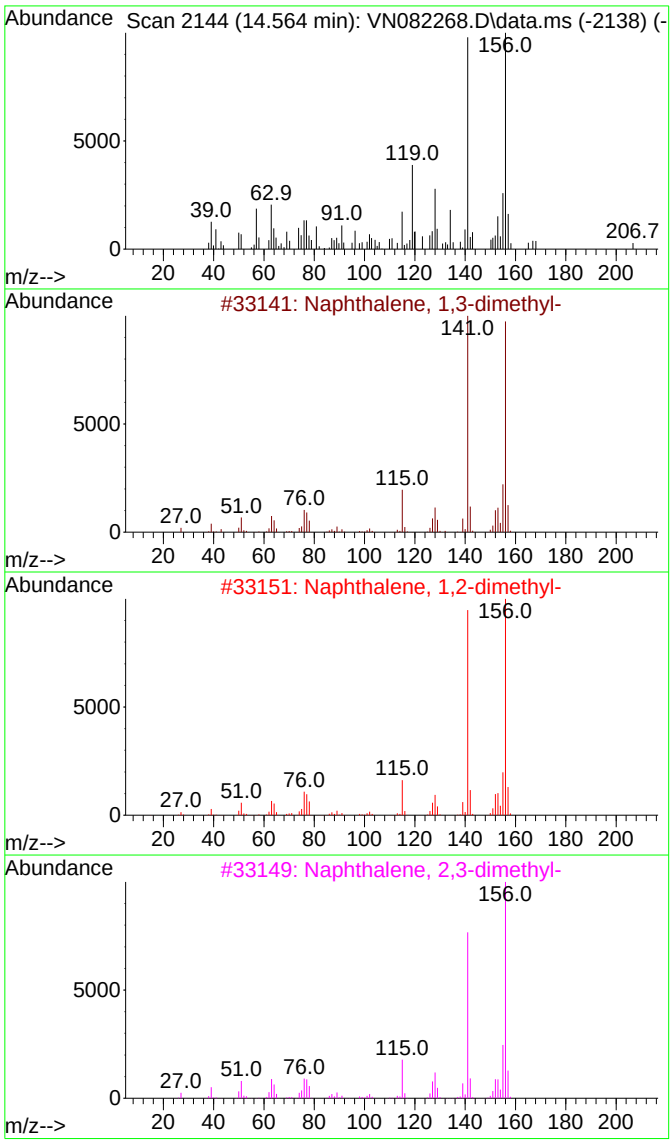
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

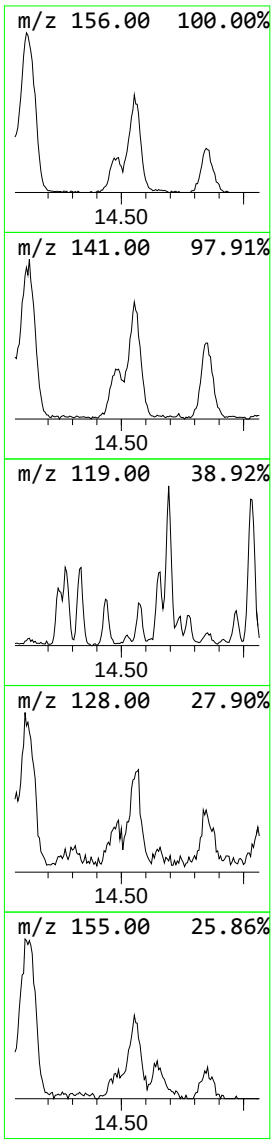
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	8.45 ug/l	194332	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	89
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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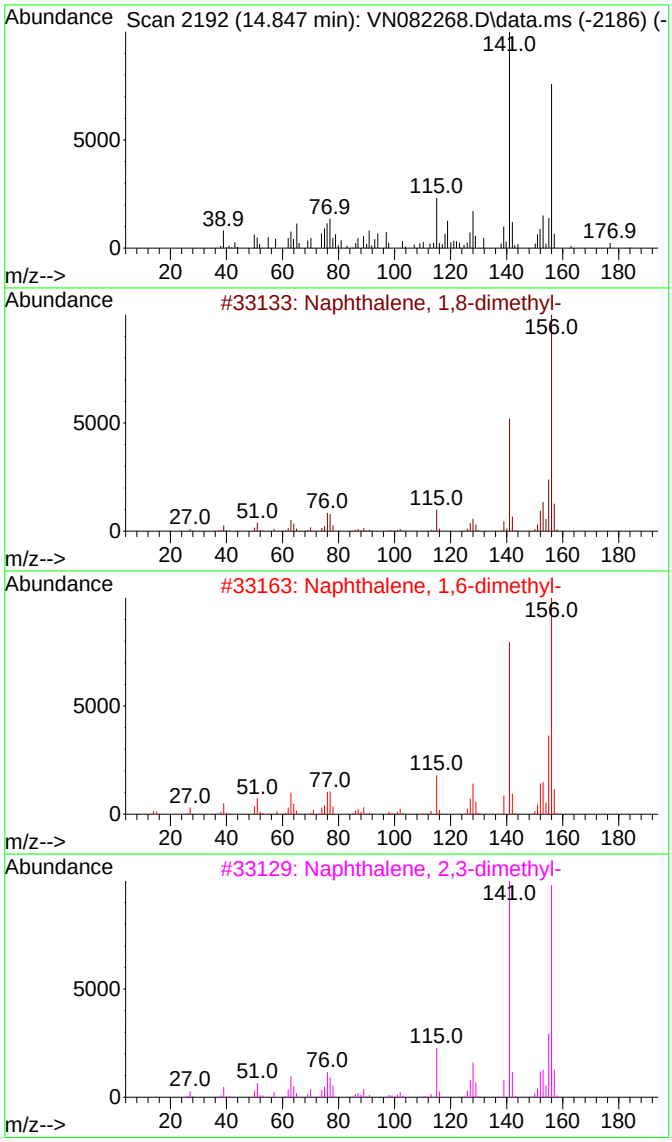
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

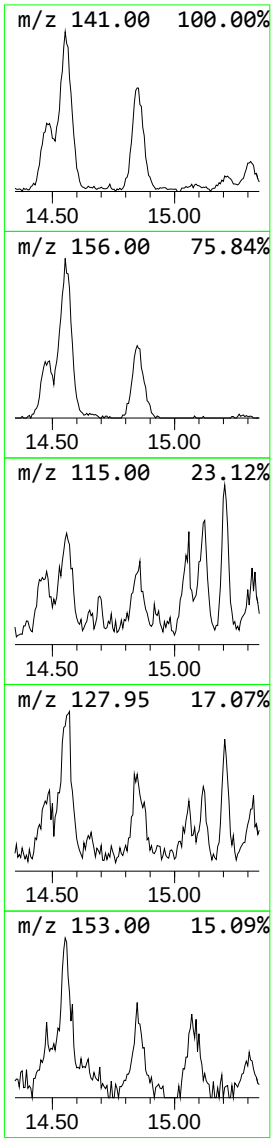
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	5.95 ug/l	136975	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

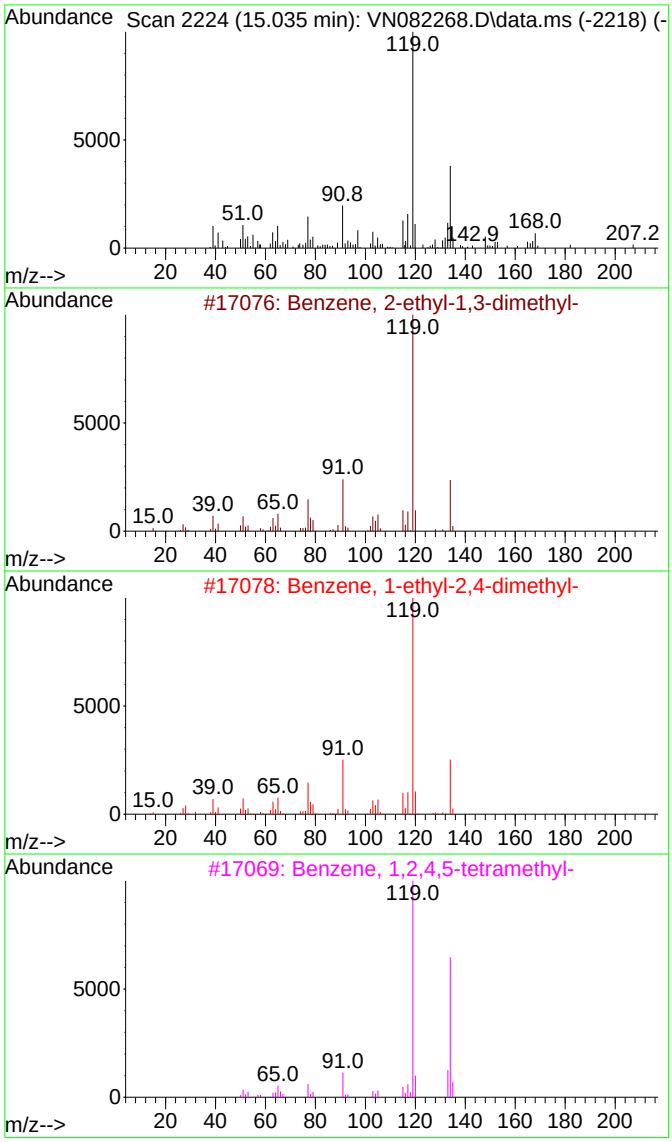
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

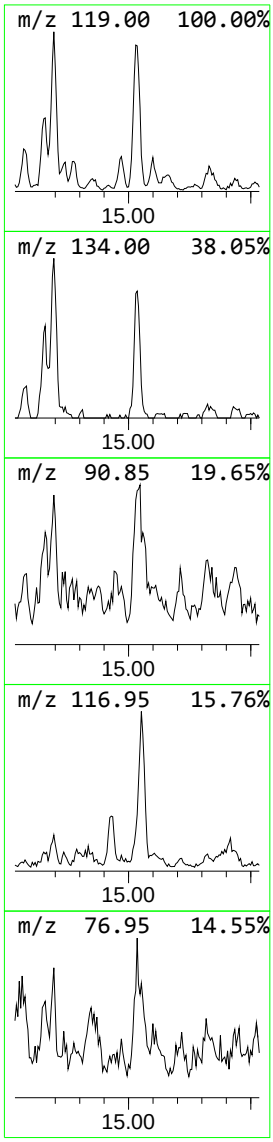
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	17.13 ug/l	394176	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

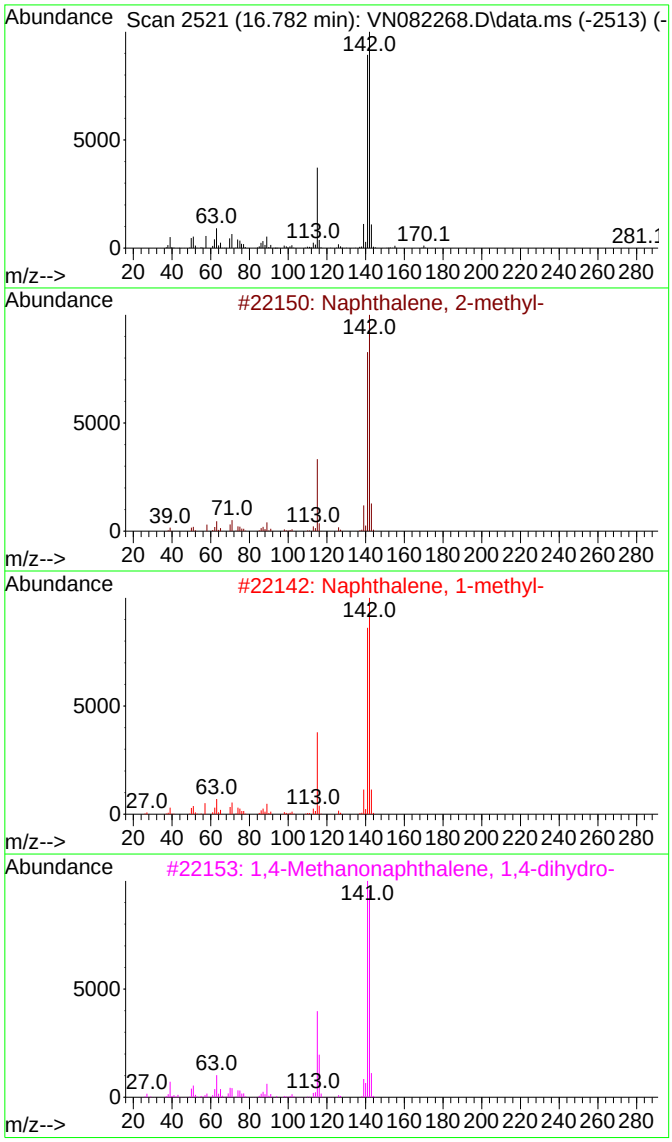
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

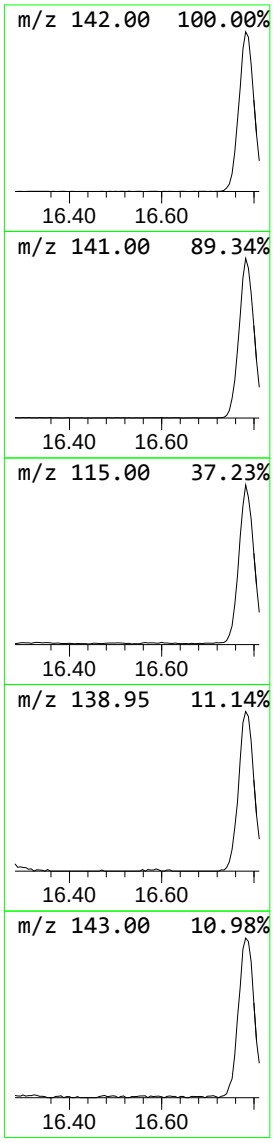
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.782	51.19 ug/l	1177600	1,4-Dichlorobenzene-d4	13.794

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082268.D
Acq On : 22 May 2024 03:09
Operator : JC\MD
Sample : P2494-08 40X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.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	12.629	8.1	ug/l	176752	3	11.871	1092920	50.0
Naphthalene, 2-...	13.335	15.4	ug/l	355509	4	13.794	1150250	50.0
Naphthalene, 1,...	13.670	42.1	ug/l	968511	4	13.794	1150250	50.0
Naphthalene, 2,...	14.012	44.3	ug/l	1018080	4	13.794	1150250	50.0
Naphthalene, 1,...	14.106	22.2	ug/l	511275	4	13.794	1150250	50.0
Indene	14.176	9.9	ug/l	227255	4	13.794	1150250	50.0
Naphthalene, 1,...	14.564	8.4	ug/l	194332	4	13.794	1150250	50.0
Naphthalene, 1,...	14.847	6.0	ug/l	136975	4	13.794	1150250	50.0
Benzene, 2-ethy...	15.035	17.1	ug/l	394176	4	13.794	1150250	50.0
Naphthalene, 2-...	16.782	51.2	ug/l	1177600	4	13.794	1150250	50.0