LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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: VN082275.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	154216	372527	9.00%	2.002%
2	8.224	1061	1066	1078	rVB	285675	641002	15.48%	3.445%
3	8.583	1117	1127	1142	rBV2	188960	475743	11.49%	2.557%
4	9.100	1205	1215	1227	rBV	423433	867661	20.96%	4.663%
5	10.571	1456	1465	1471	rBV	653807	1229099	29.69%	6.605%
6	10.630	1471	1475	1485	rVB	104489	185254	4.47%	0.996%
7	11.865	1678	1685	1695	rBV	613859	1095199	26.45%	5.886%
8	11.965	1696	1702	1708	rVV2	35593	60917	1.47%	0.327%
9	12.065	1713	1719	1730	rVV	201680	377598	9.12%	2.029%
10	12.400	1765	1776	1785	rBV	192433	362490	8.76%	1.948%
11	12.594	1795	1809	1811	rBV	15879	46948	1.13%	0.252%
12	12.853	1846	1853	1863	rVB	487207	863402	20.85%	4.640%
13	13.100	1889	1895	1899	rBV	75541	134245	3.24%	0.721%
14	13.171	1902	1907	1914	rVB2	155545	280115	6.77%	1.505%
15	13.335	1919	1935	1942	rBV2	78440	254404	6.14%	1.367%
16	13.482	1954	1960	1965	rBV	267446	424755	10.26%	2.283%
17	13.535	1965	1969	1973	rVB2	33392	53678	1.30%	0.288%
18	13.676	1973	1993	2006	rBV5	111416	607081	14.66%	3.263%
19	13.794	2006	2013	2022	rBV2	594801	1189279	28.73%	6.391%
20	14.012	2034	2050	2060	rBV5	186474	719474	17.38%	3.867%
21	14.106	2061	2066	2073	rVV3	143566	317564	7.67%	1.707%
22	14.176	2073	2078	2083	rVB	174008	313408	7.57%	1.684%
23	14.329	2100	2104	2109	rVB	38122	56194	1.36%	0.302%
24	14.441	2117	2123	2127	rBV6	42883	87611	2.12%	0.471%
25	14.576	2143	2146	2150	rVB5	46914	71845	1.74%	0.386%
26	14.629	2151	2155	2156	rBV3	39805	44405	1.07%	0.239%
27	14.653	2157	2159	2163	rVV3	44319	71267	1.72%	0.383%
28	14.694	2163	2166	2170	rVB	65297	85134	2.06%	0.458%
29	14.788	2176	2182	2188	rBV7	26608	66727	1.61%	0.359%
30	14.959	2202	2211	2217	rVB4	88985	177431	4.29%	0.954%
31	15.035	2218	2224	2233	rBV4	94362	302843	7.31%	1.628%
32	15.206	2248	2253	2260	rVB6	46282	92901	2.24%	0.499%
33	15.317	2267	2272	2285	rVV10	45716	148040	3.58%	0.796%
34	15.435	2287	2292	2300	rVV5	41668	109883	2.65%	0.591%
35	15.535	2300	2309	2314	rVV8	28913	91046	2.20%	0.489%
36	15.641	2314	2327	2338	rVV	2075074	4140207	100.00%	22.250%

LSC Area Percent Report

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ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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	15.747	2339	2345	2352	rVV2	67223	165613	4.00%	0.890%
38	15.829	2356	2359	2370	rVB6	46990	105482	2.55%	0.567%
39	15.947	2370	2379	2386	rBV5	30671	90812	2.19%	0.488%
40	16.259	2427	2432	2440	rVB10	24724	54858	1.33%	0.295%
41	16.494	2463	2472	2476	rBV8	20324	52626	1.27%	0.283%
42	16.711	2503	2509	2513	rBV3	24859	56046	1.35%	0.301%
43	16.782	2513	2521	2522	rBV	1065440	1665028	40.22%	8.948%

Sum of corrected areas: 18607842

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Operator : JC\MD
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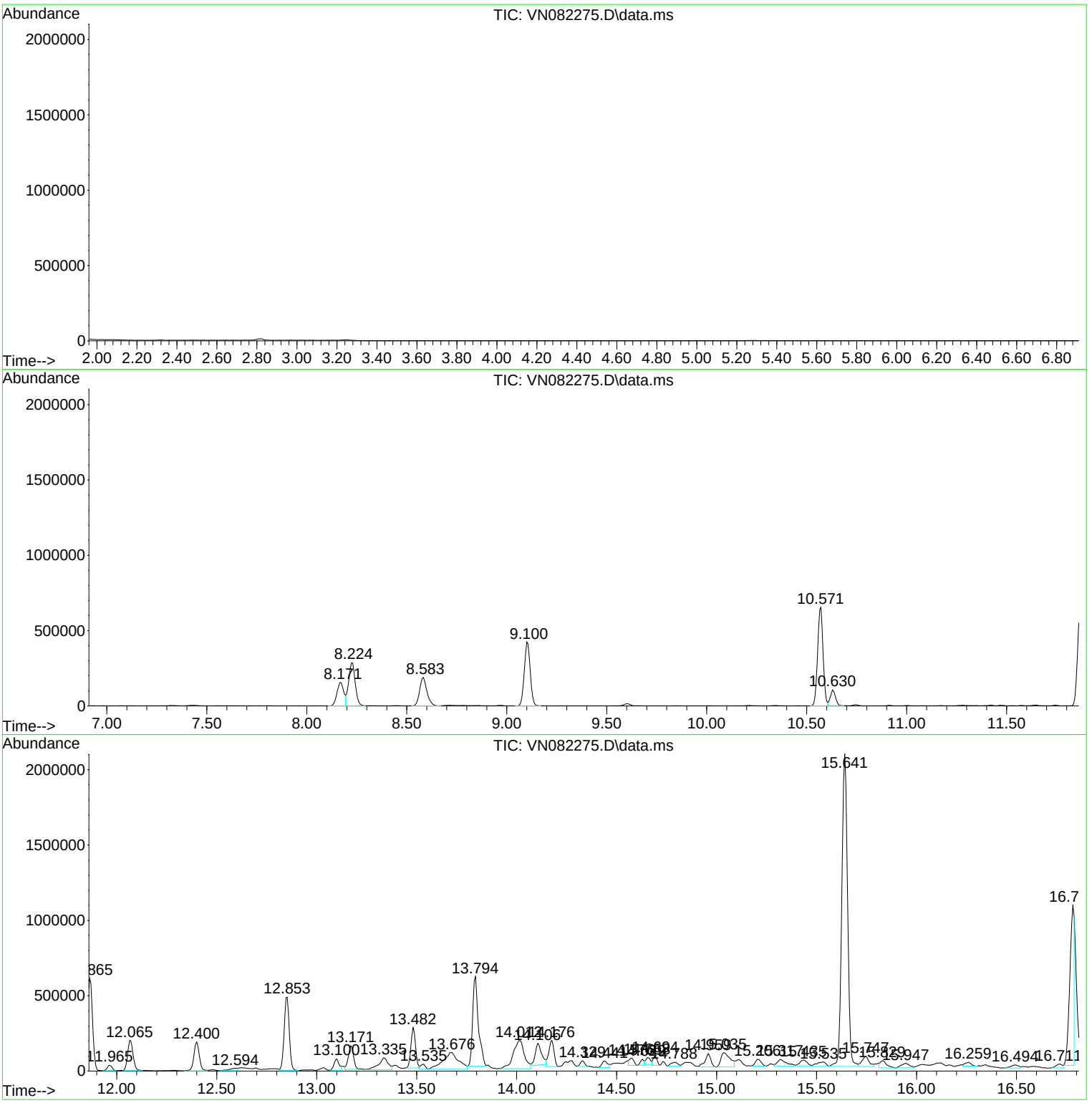
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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



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Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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

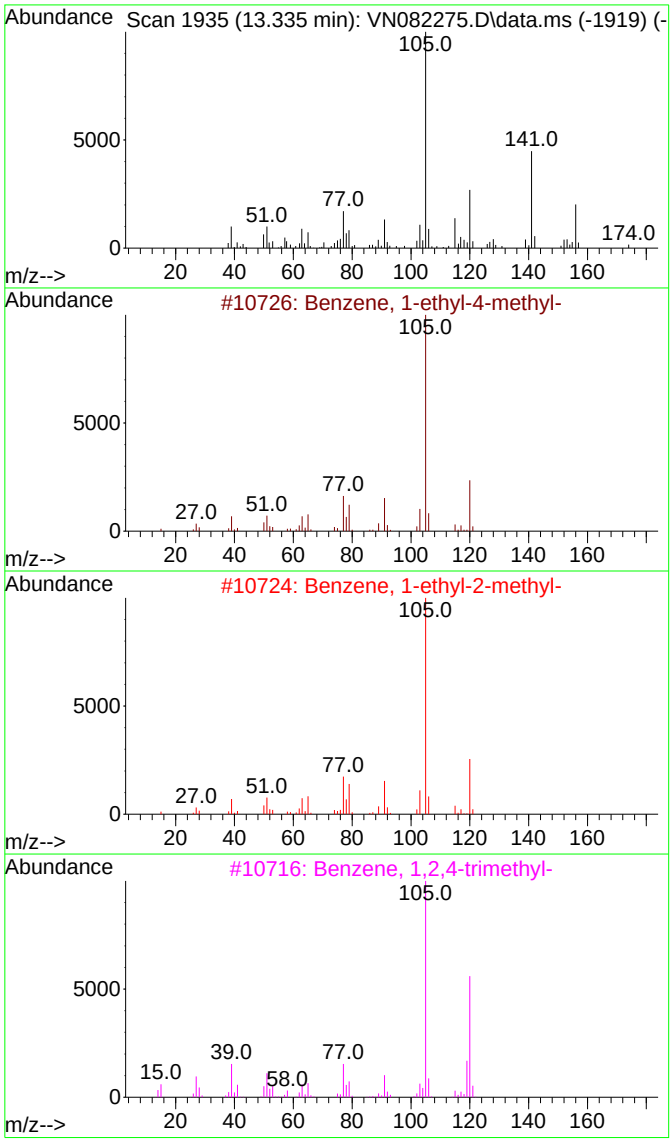
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

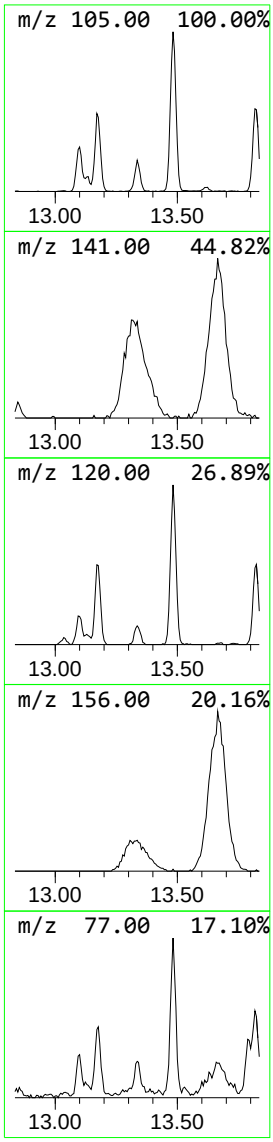
****

Peak Number 1 unknown13.335 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	10.70 ug/l	254404	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	30
4	Mesitylene	120	C9H12	000108-67-8	30
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	30





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Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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

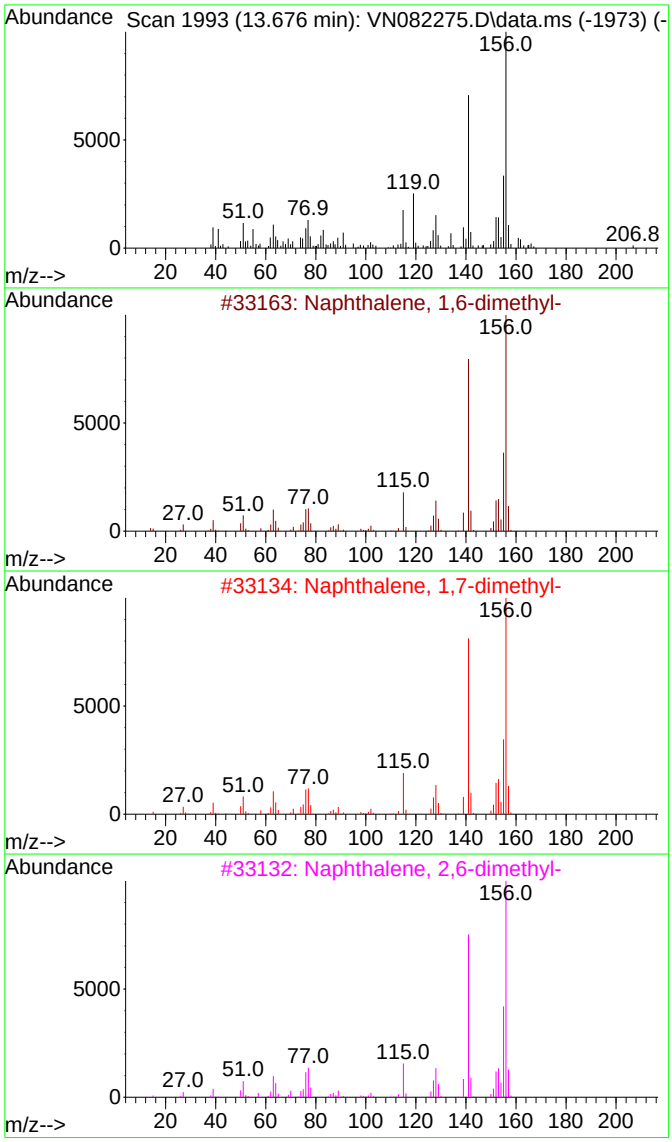
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

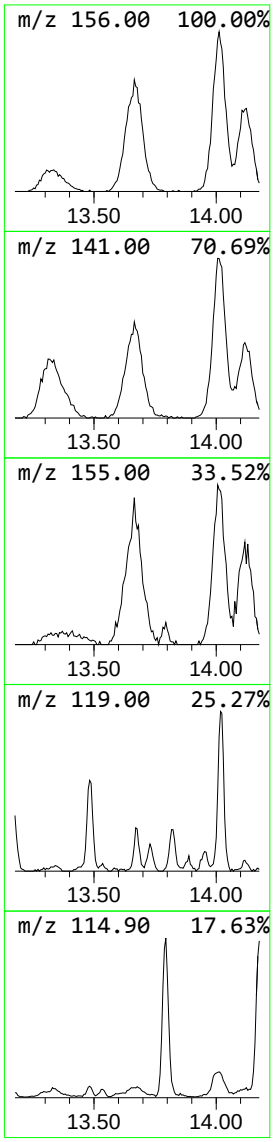
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	25.52 ug/l	607081	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, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

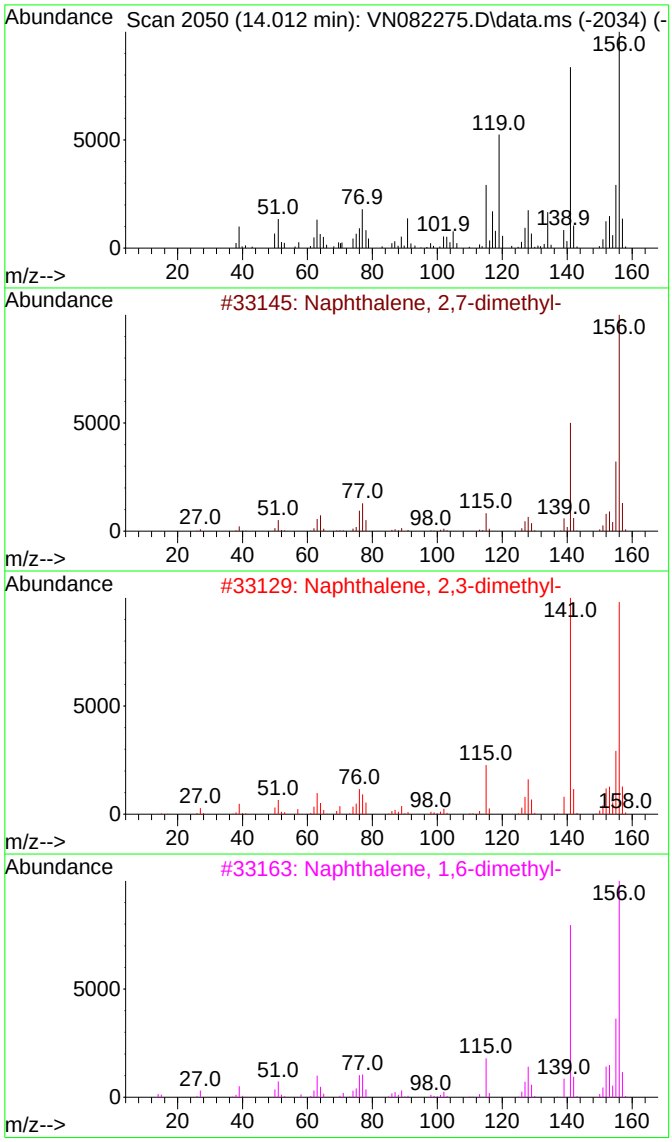
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

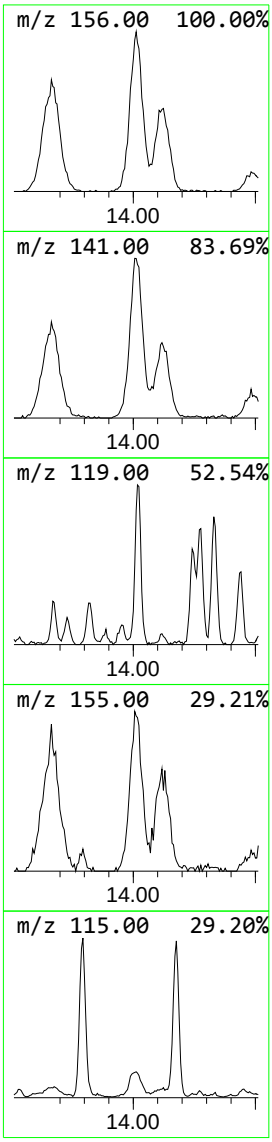
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.012	30.25 ug/l	719474	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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

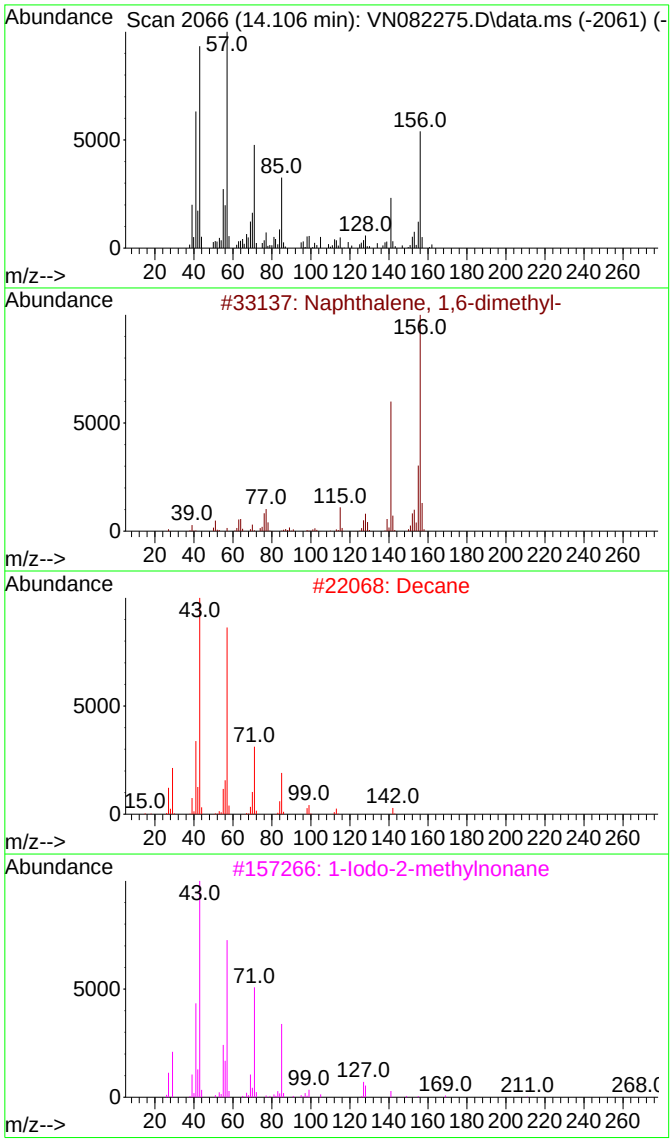
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

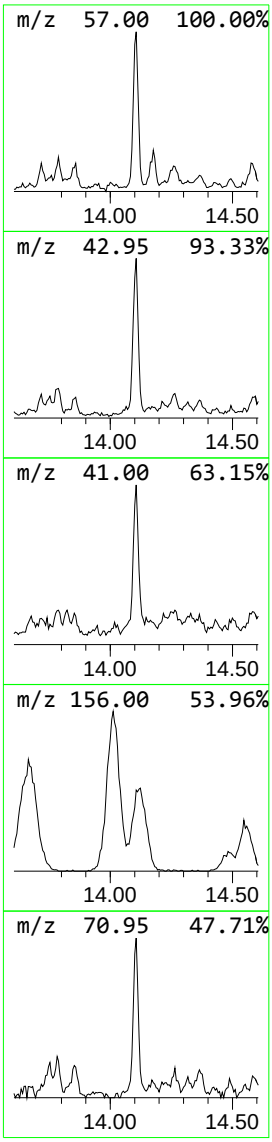
****

Peak Number 4 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.106	13.35 ug/l	317564	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	55
2	Decane	142	C10H22	000124-18-5	55
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	46
4	Undecane	156	C11H24	001120-21-4	46
5	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	46





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Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

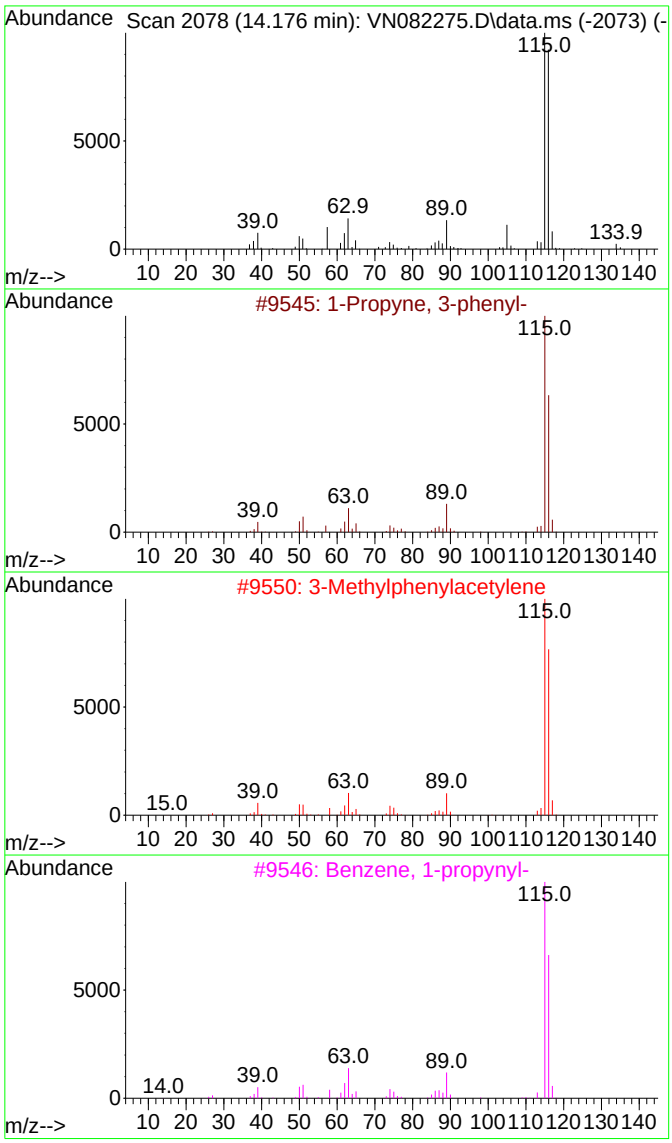
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

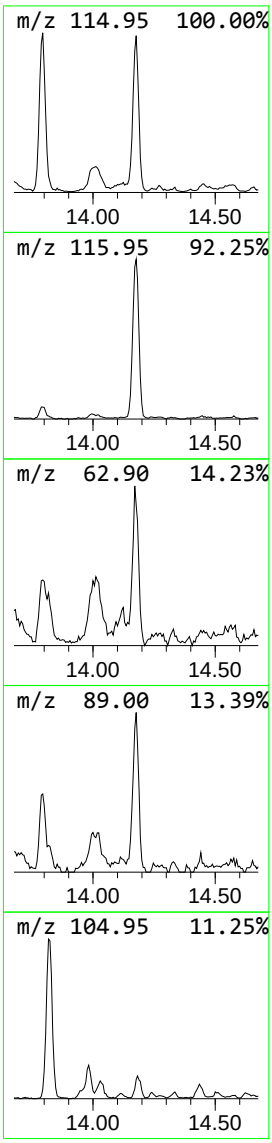
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Propyne, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	13.18 ug/l	313408	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Indene	116	C9H8	000095-13-6	90





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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

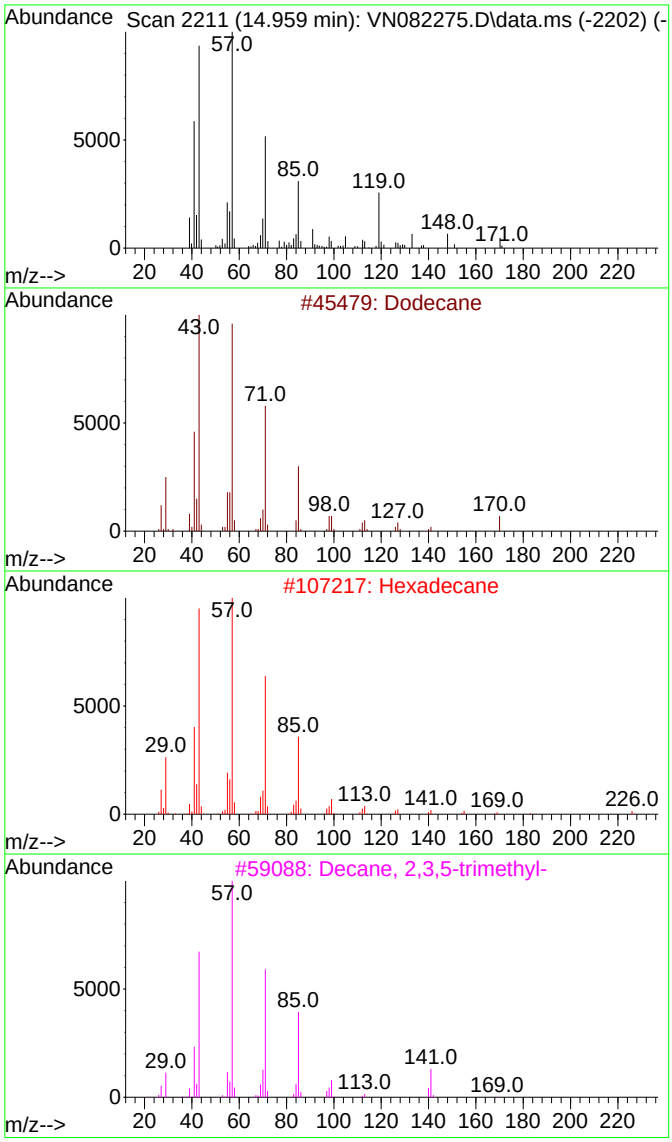
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

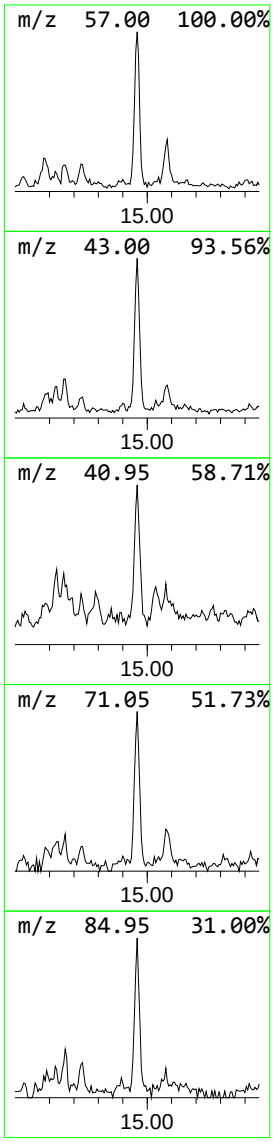
****

Peak Number 6 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.959	7.46 ug/l	177431	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Hexadecane	226	C16H34	000544-76-3	58
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5	Octane, 4-methyl-	128	C9H20	002216-34-4	43





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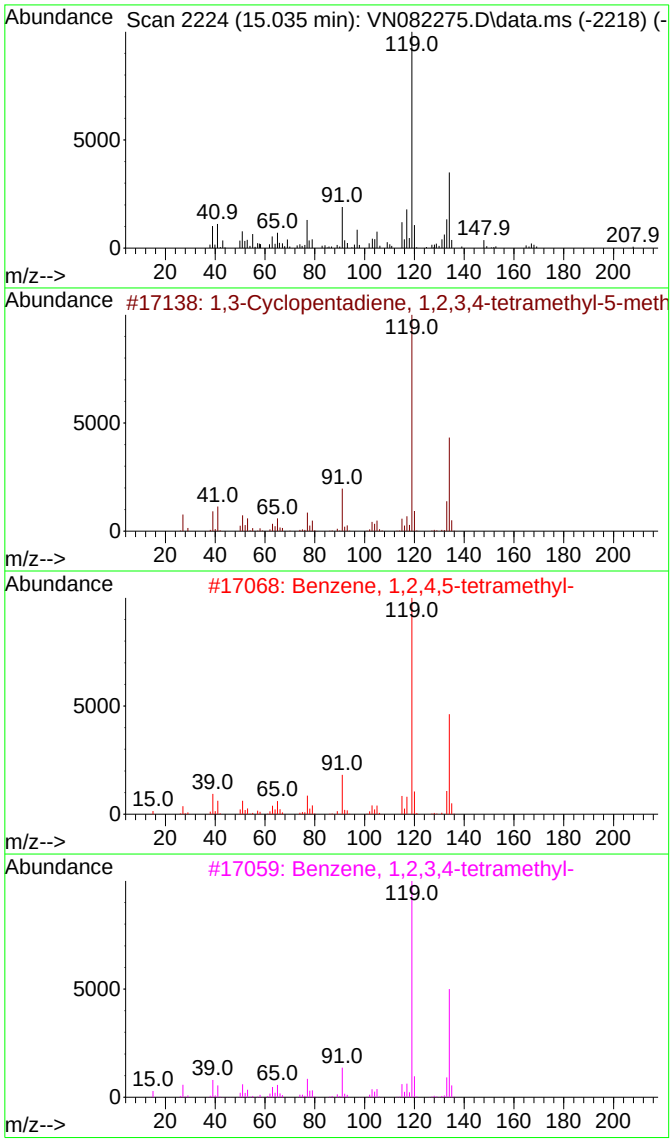
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

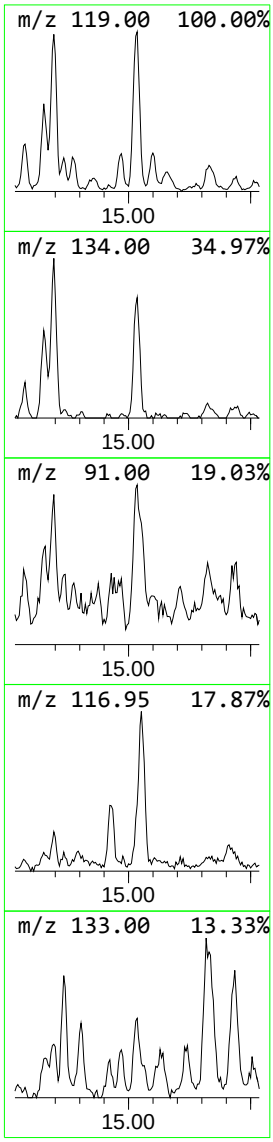
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	12.73 ug/l	302843	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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 : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

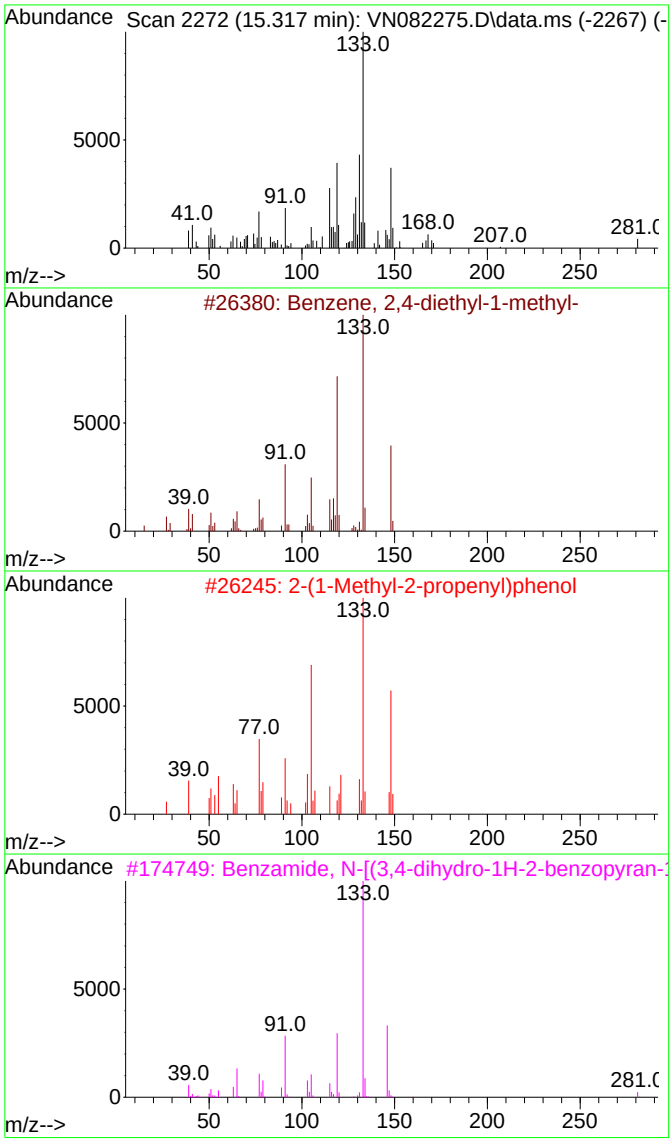
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

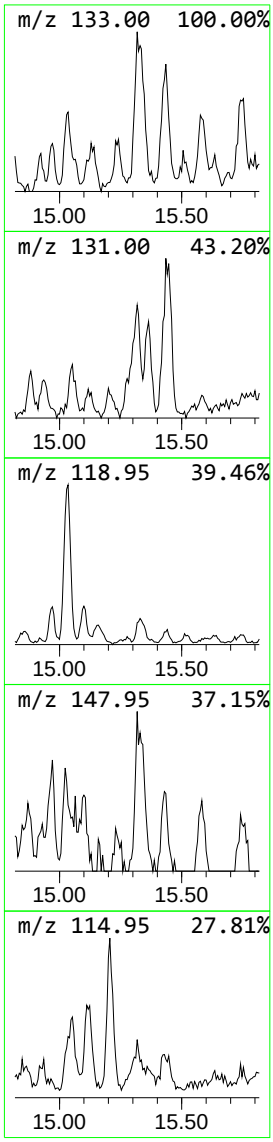
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	6.22 ug/l	148040	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	52
2	2-(1-Methyl-2-propenyl)phenol	148	C10H12O	1000432-85-2	47
3	Benzamide, N-[(3,4-dihydro-1H-2-...	281	C18H19NO2	1000320-15-7	46
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

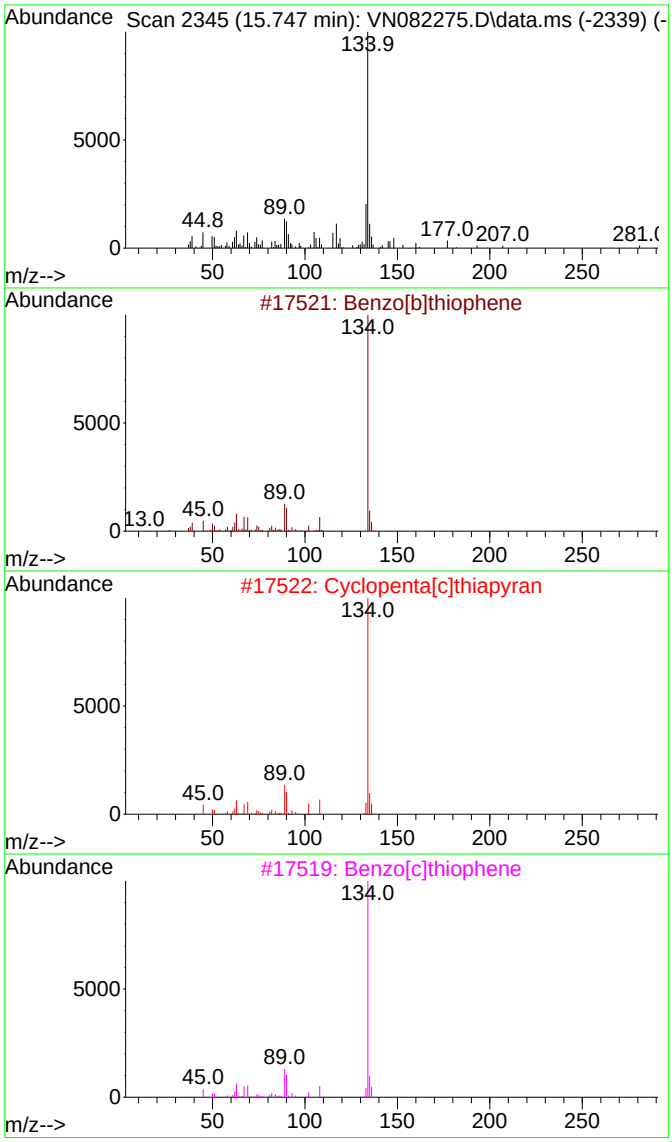
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

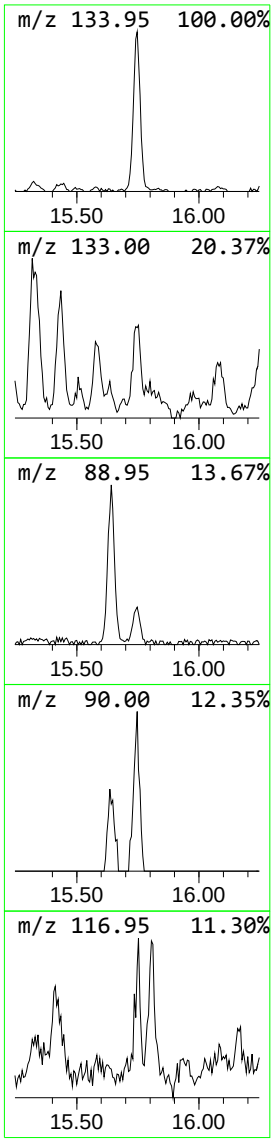
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.747	6.96 ug/l	165613	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	92
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	76
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	76
4	(5E)-(E)-5-Benzylidene-2-thioxot...	221	C10H7NOS2	1000497-38-8	59
5	3-(1-Cyclopentenyl)furan	134	C9H10O	115754-79-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

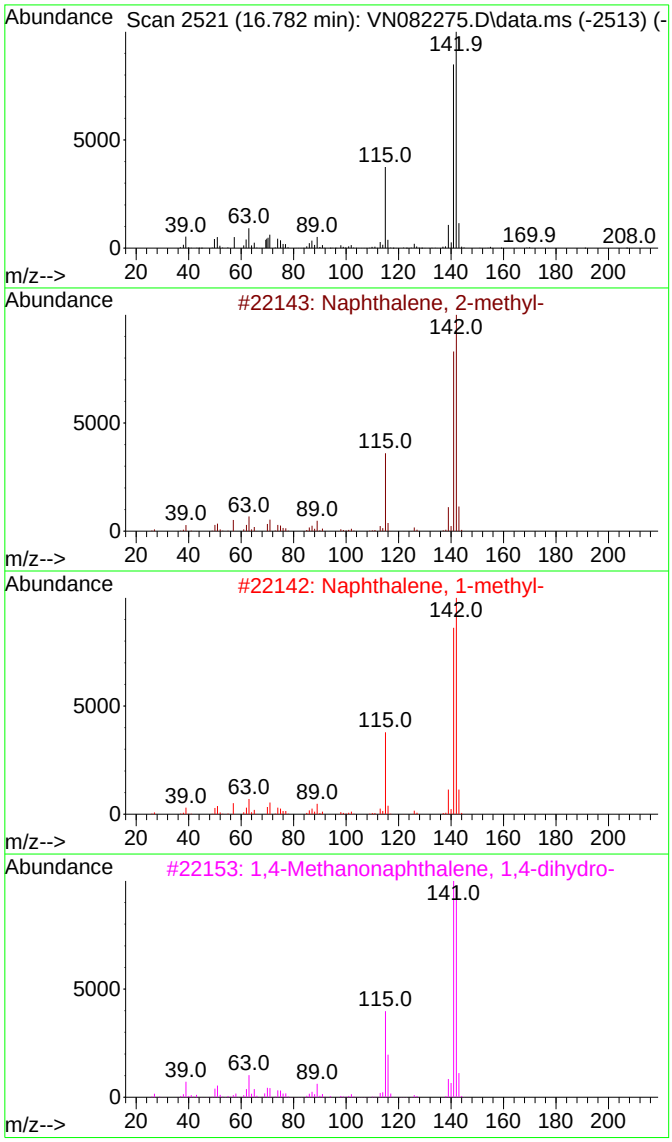
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260

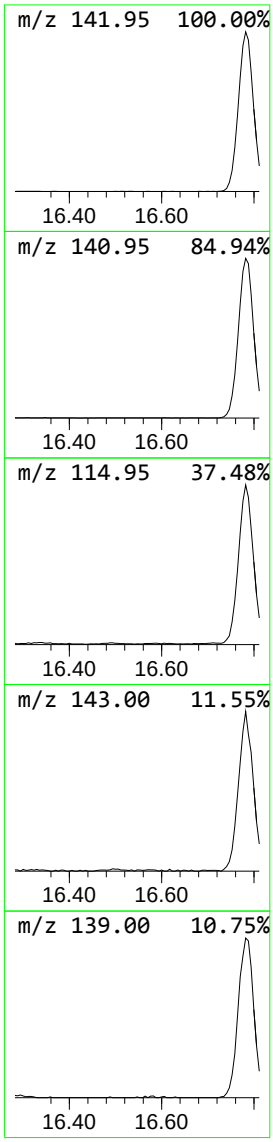
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.782	70.00 ug/l	1665030	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	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
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 : VN082275.D
Acq On : 22 May 2024 05:57
Operator : JC\MD
Sample : P2494-15 40X
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
15

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
unknown13.335	13.335	10.7	ug/l	254404	4	13.794	1189280	50.0
Naphthalene, 1,...	13.676	25.5	ug/l	607081	4	13.794	1189280	50.0
Naphthalene, 2,...	14.012	30.3	ug/l	719474	4	13.794	1189280	50.0
Decane	14.106	13.4	ug/l	317564	4	13.794	1189280	50.0
1-Propyne, 3-ph...	14.176	13.2	ug/l	313408	4	13.794	1189280	50.0
Dodecane	14.959	7.5	ug/l	177431	4	13.794	1189280	50.0
1,3-Cyclopentad...	15.035	12.7	ug/l	302843	4	13.794	1189280	50.0
Benzene, 2,4-di...	15.318	6.2	ug/l	148040	4	13.794	1189280	50.0
Benzo[b]thiophene	15.747	7.0	ug/l	165613	4	13.794	1189280	50.0
Naphthalene, 2-...	16.782	70.0	ug/l	1665030	4	13.794	1189280	50.0