LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

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_Y\methods\82Y022122S.M
Title : SW846 8260

Signal : TIC: VY007586.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.747	634	644	657	rBB4	6293	18893	1.07%	0.068%
2	7.722	957	968	973	rBV2	57233	137360	7.79%	0.496%
3	7.789	973	979	994	rVB	93443	213911	12.13%	0.772%
4	8.143	1027	1037	1048	rBB	49576	113271	6.42%	0.409%
5	8.691	1118	1127	1137	rBV	136928	267297	15.15%	0.965%
6	10.179	1363	1371	1377	rBV	209885	355135	20.13%	1.282%
7	10.246	1377	1382	1388	rVB	10897	18574	1.05%	0.067%
8	11.490	1578	1586	1596	rVB	187067	307290	17.42%	1.110%
9	11.703	1612	1621	1631	rBV5	19325	54283	3.08%	0.196%
10	12.002	1663	1670	1671	rBV5	11211	20368	1.15%	0.074%
11	12.026	1671	1674	1681	rVB3	13712	28763	1.63%	0.104%
12	12.477	1743	1748	1754	rVB	129093	202601	11.48%	0.732%
13	12.642	1771	1775	1783	rVB7	22291	52121	2.95%	0.188%
14	12.733	1783	1790	1793	rBV3	48779	99923	5.66%	0.361%
15	12.806	1797	1802	1807	rVV4	107065	200062	11.34%	0.722%
16	12.861	1807	1811	1816	rVB5	25722	42845	2.43%	0.155%
17	12.947	1821	1825	1832	rBV2	21140	52102	2.95%	0.188%
18	13.038	1836	1840	1848	rVB6	49824	94712	5.37%	0.342%
19	13.117	1848	1853	1858	rBV	145111	237411	13.46%	0.857%
20	13.166	1858	1861	1862	rBV4	18418	19468	1.10%	0.070%
21	13.251	1870	1875	1878	rBV4	44102	70574	4.00%	0.255%
22	13.312	1878	1885	1889	rBV5	122613	278964	15.81%	1.007%
23	13.361	1889	1893	1896	rBV4	56883	85647	4.85%	0.309%
24	13.428	1900	1904	1906	rBV2	71223	111812	6.34%	0.404%
25	13.501	1912	1916	1918	rBV4	50562	80683	4.57%	0.291%
26	13.556	1918	1925	1929	rVV7	79384	183166	10.38%	0.661%
27	13.617	1930	1935	1939	rBV3	159626	286900	16.26%	1.036%
28	13.666	1939	1943	1946	rVV3	78501	123198	6.98%	0.445%
29	13.745	1950	1956	1961	rBV2	748017	1283674	72.77%	4.635%
30	13.794	1961	1964	1966	rVV3	51892	66376	3.76%	0.240%
31	13.916	1981	1984	1989	rBV3	142434	228778	12.97%	0.826%
32	13.971	1989	1993	1997	rVB2	234146	343703	19.48%	1.241%
33	14.074	2005	2010	2015	rBV2	511557	887138	50.29%	3.203%
34	14.129	2015	2019	2026	rBV7	249907	591481	33.53%	2.136%
35	14.196	2026	2030	2035	rBV5	217519	472182	26.77%	1.705%
36	14.257	2035	2040	2043	rBV4	730587	1369305	77.62%	4.944%

LSC Area Percent Report

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ALS Vial : 17 Sample Multiplier: 1

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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
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Title : SW846 8260

37	14.331	2050	2052	2056	rVB	193633	206844	11.73%	0.747%
38	14.385	2056	2061	2063	rBV3	387644	655338	37.15%	2.366%
39	14.422	2063	2067	2070	rVV2	588324	897000	50.85%	3.239%
40	14.477	2071	2076	2080	rVB5	320388	574734	32.58%	2.075%
41	14.562	2087	2090	2092	rBV2	118631	170711	9.68%	0.616%
42	14.611	2095	2098	2103	rVB3	447340	630973	35.77%	2.278%
43	14.678	2103	2109	2114	rBV5	754122	1684429	95.48%	6.082%
44	14.733	2114	2118	2124	rVB4	579180	977315	55.40%	3.529%
45	14.788	2124	2127	2129	rBV3	111320	159672	9.05%	0.577%
46	14.830	2130	2134	2139	rVV2	882481	1729817	98.06%	6.246%
47	14.873	2139	2141	2145	rVV2	435171	608541	34.50%	2.197%
48	14.940	2148	2152	2156	rVV4	567962	909195	51.54%	3.283%
49	15.001	2156	2162	2164	rVV2	239795	567654	32.18%	2.050%
50	15.050	2165	2170	2178	rVB4	409875	1079099	61.17%	3.896%
51	15.202	2191	2195	2200	rBV5	142362	304723	17.27%	1.100%
52	15.288	2203	2209	2214	rVV4	590929	1395598	79.11%	5.039%
53	15.361	2214	2221	2230	rVV8	487094	1764122	100.00%	6.370%
54	15.434	2230	2233	2239	rVB5	174401	288094	16.33%	1.040%
55	15.727	2276	2281	2288	rVB	642181	1100945	62.41%	3.975%
56	16.031	2326	2331	2338	rVB3	477120	942523	53.43%	3.403%
57	16.227	2357	2363	2369	rBV	417496	872993	49.49%	3.152%
58	16.287	2369	2373	2387	rVB6	235571	738390	41.86%	2.666%
59	16.476	2399	2404	2412	rBV7	170083	437077	24.78%	1.578%

Sum of corrected areas: 27695758

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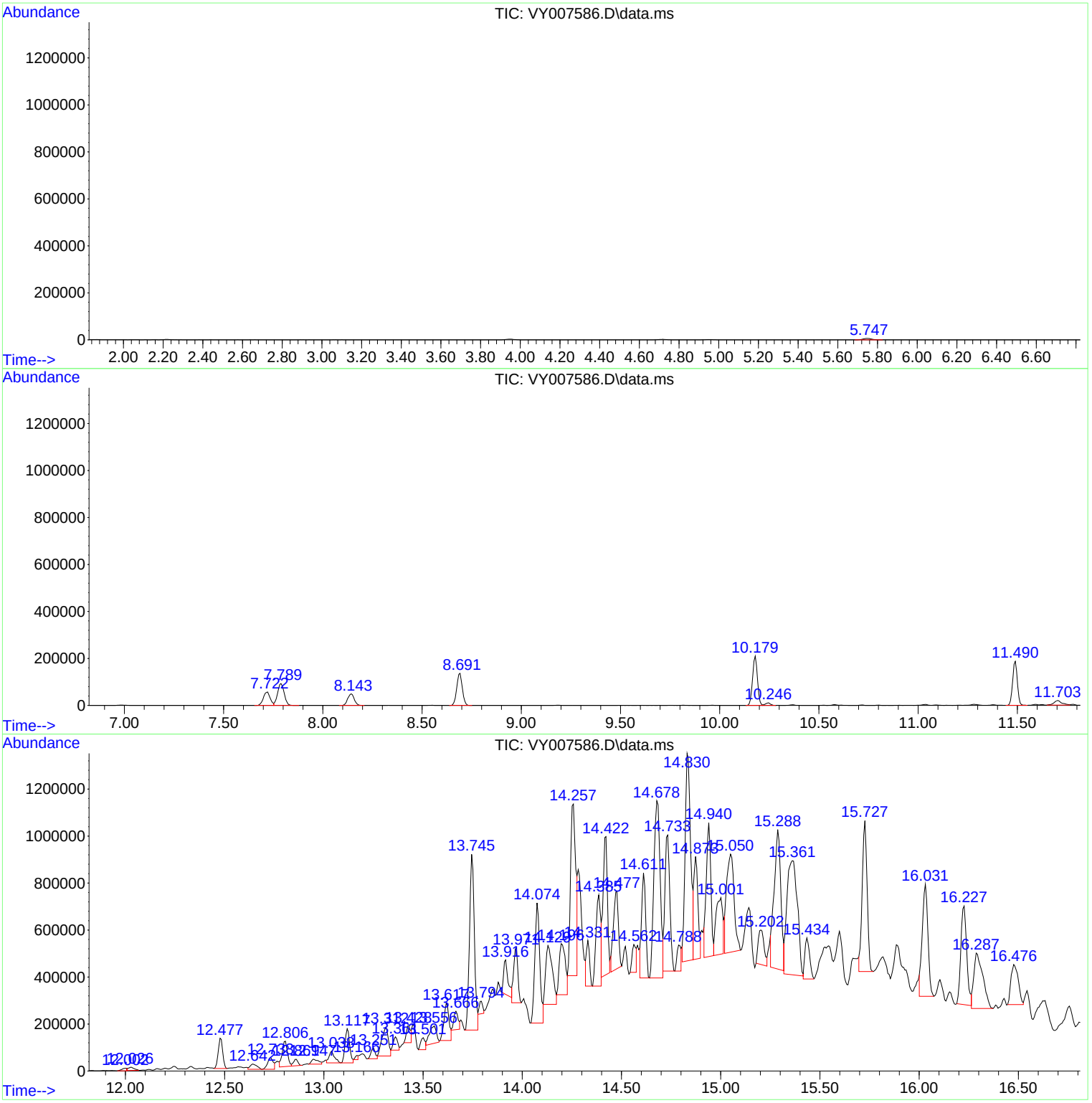
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
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Instrument :
MSVOA_Y
ClientSampleId :
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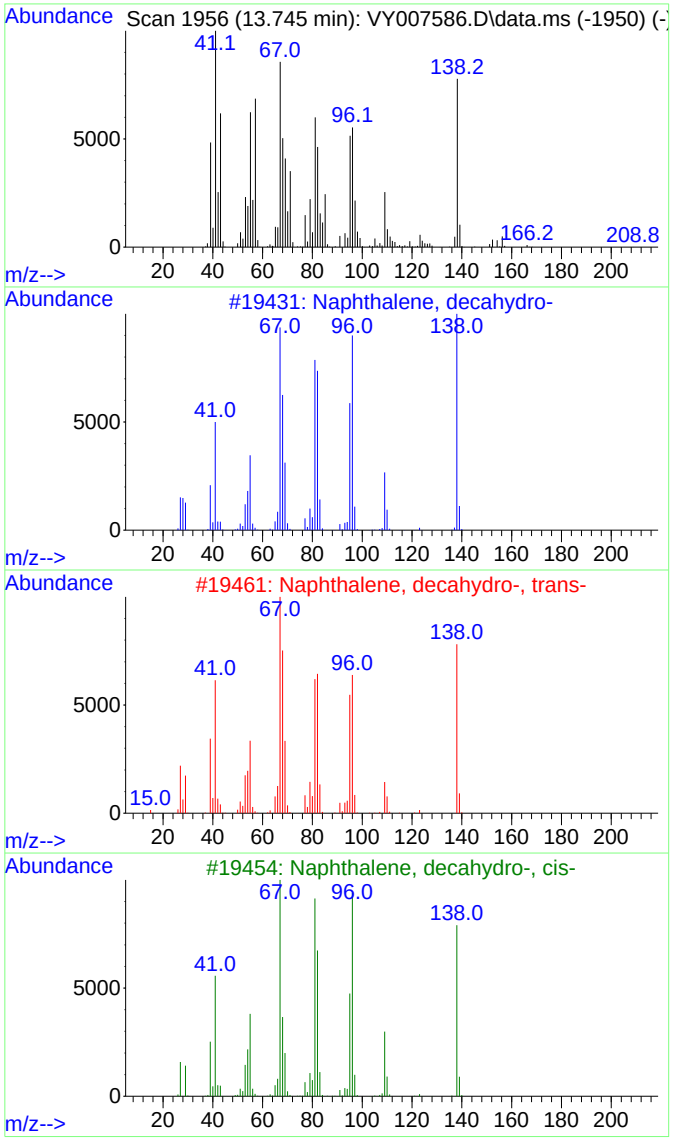
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

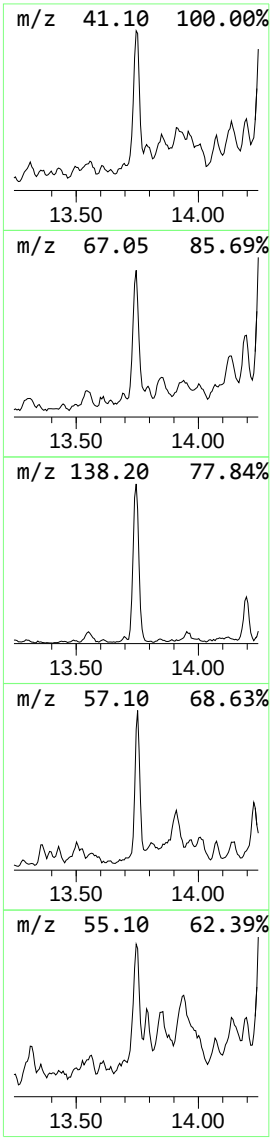
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	574.03 ug/l	1283670	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	81
5	Spiro[4.5]decane	138	C10H18	000176-63-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

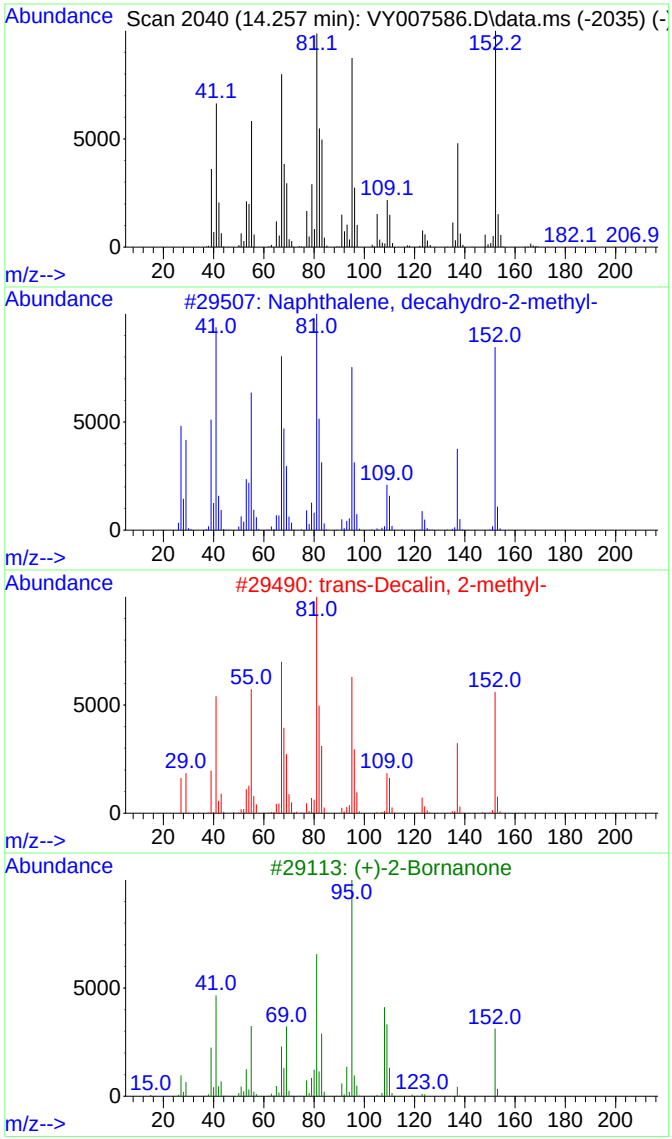
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

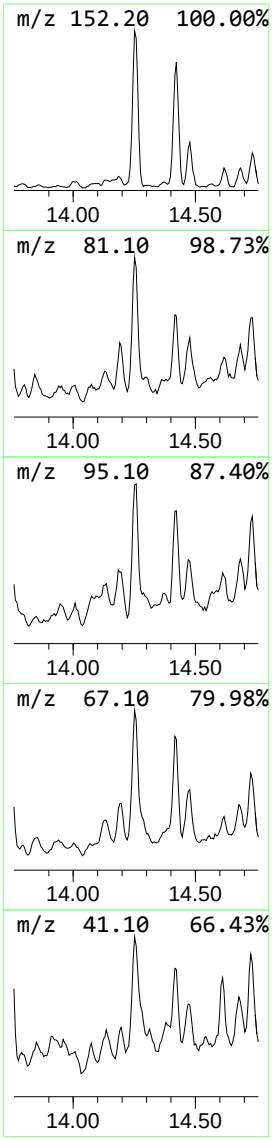
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	612.33 ug/l	1369310	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	87
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

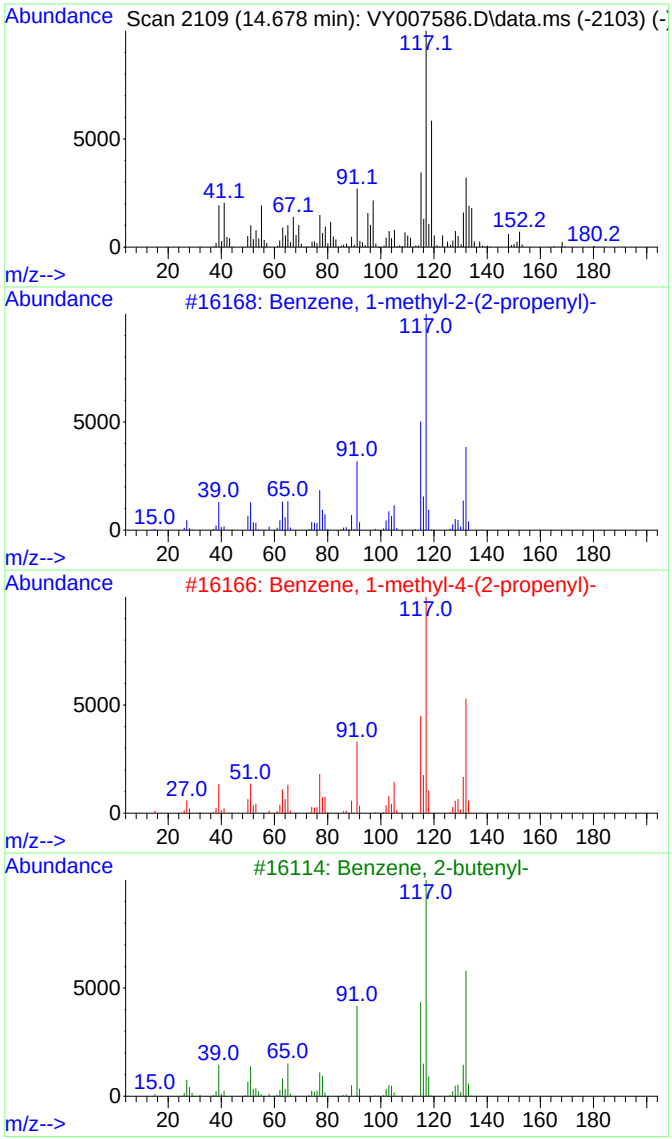
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

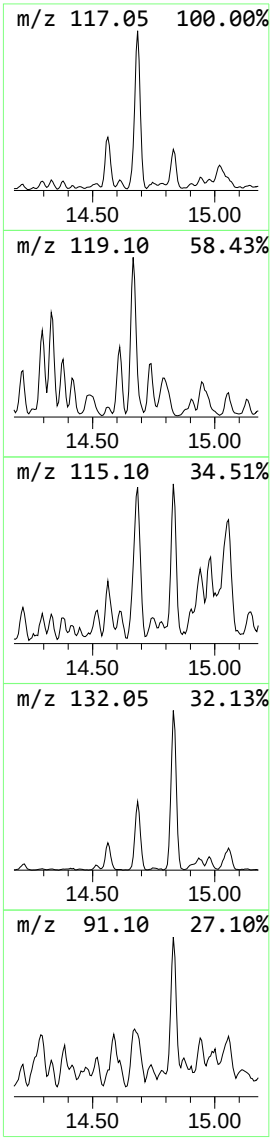
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	753.24 ug/l	1684430	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	78
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

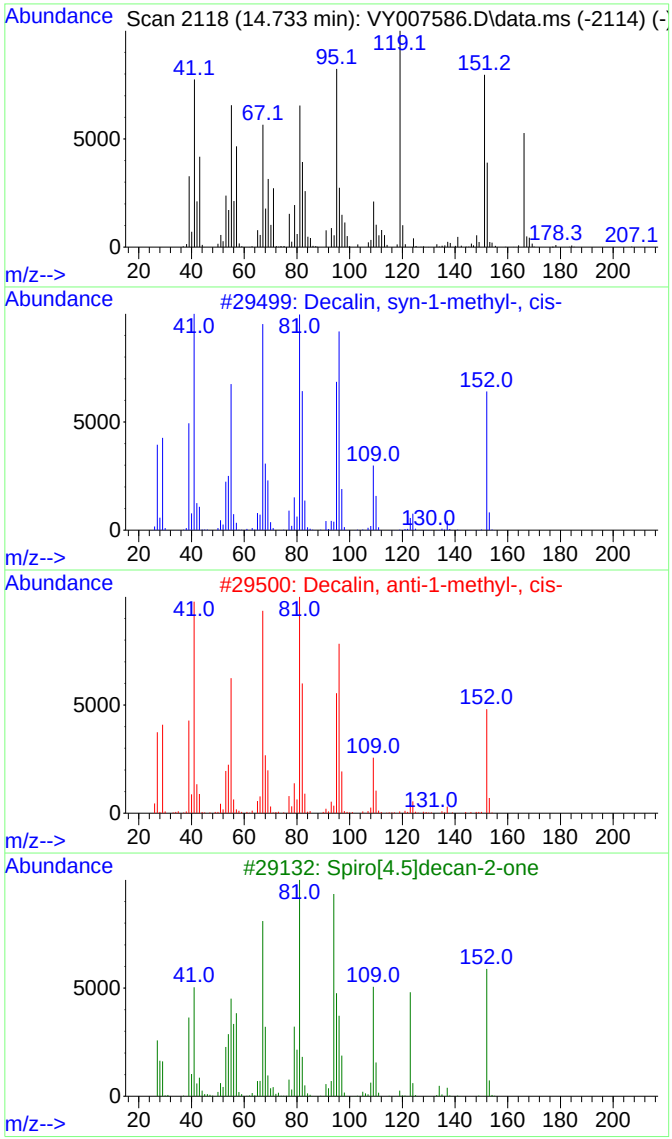
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

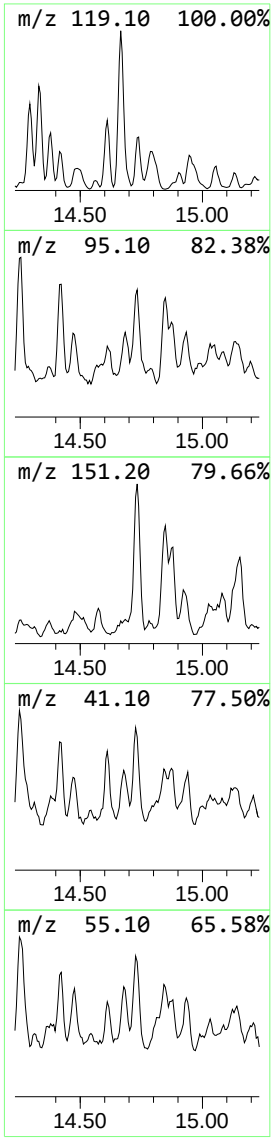
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decalin, syn-1-methyl-, cis- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	437.04 ug/l	977315	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	59
2	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	52
3	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	42
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	38





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Data File : VY007586.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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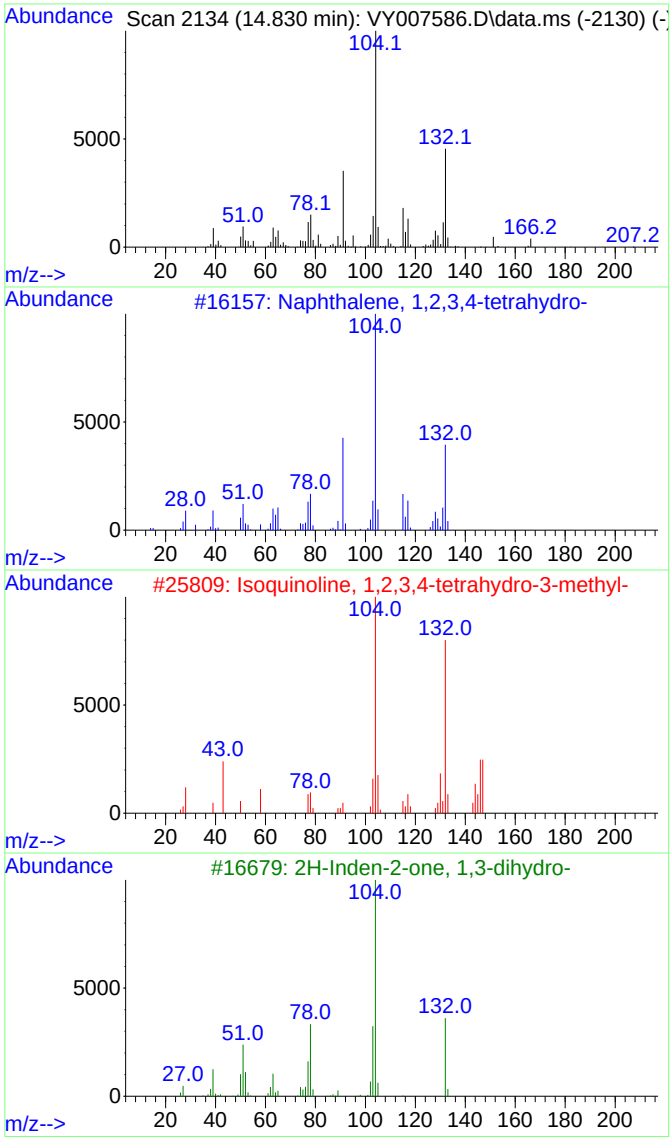
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

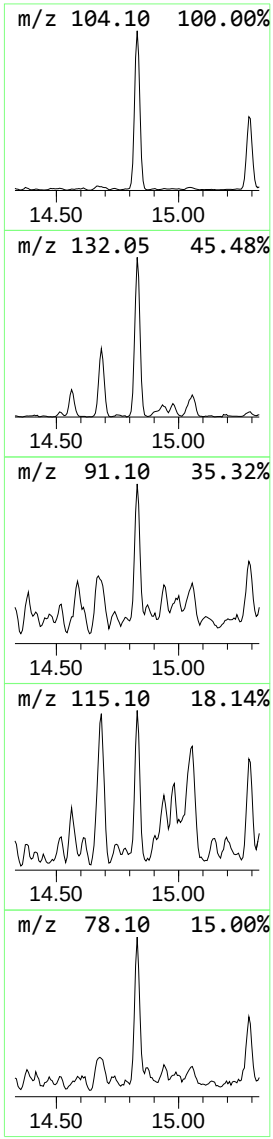
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	773.54 ug/l	1729820	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	72
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	70
4	Indan, epoxide	132	C9H8O	000768-22-9	58
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49





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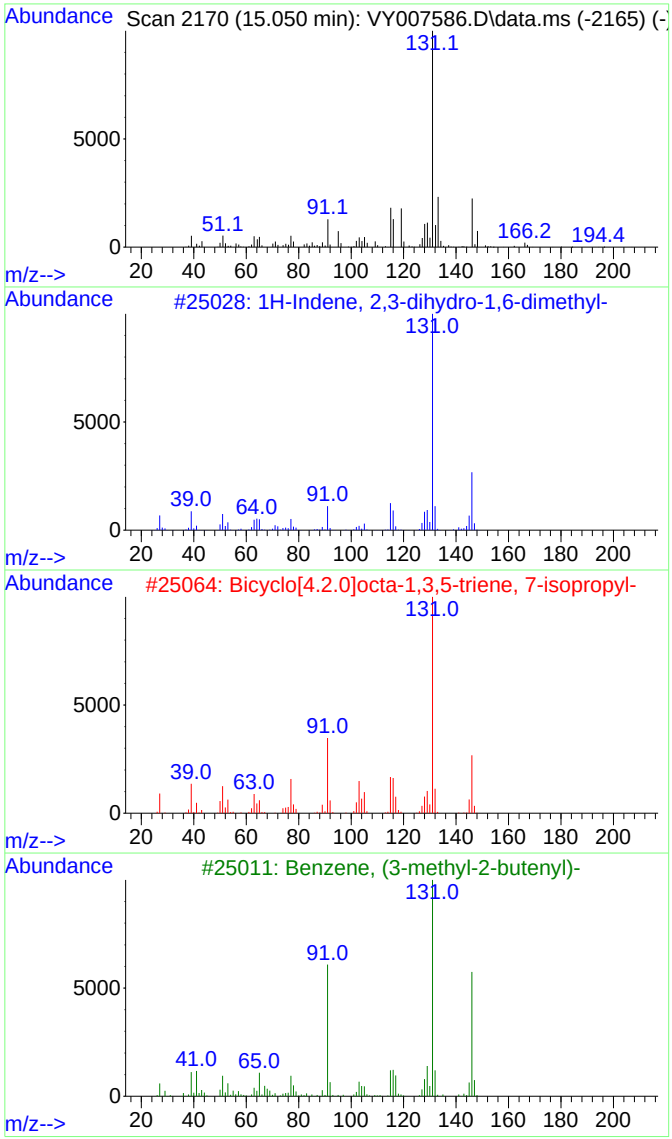
Quant Title : SW846 8260

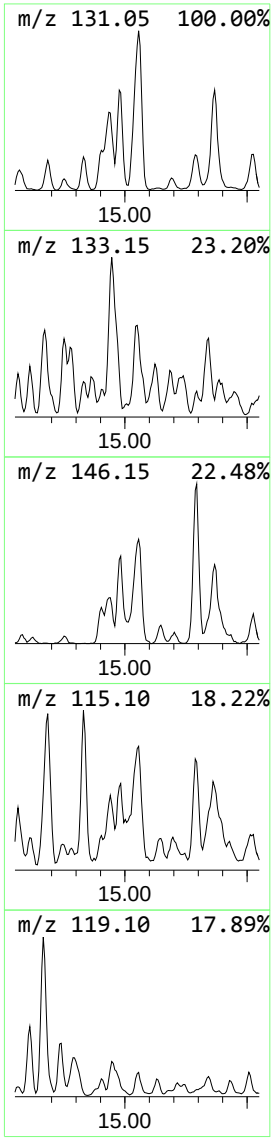
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	482.55 ug/l	1079100	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





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Data File : VY007586.D
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Operator : SY/MD
Sample : N1634-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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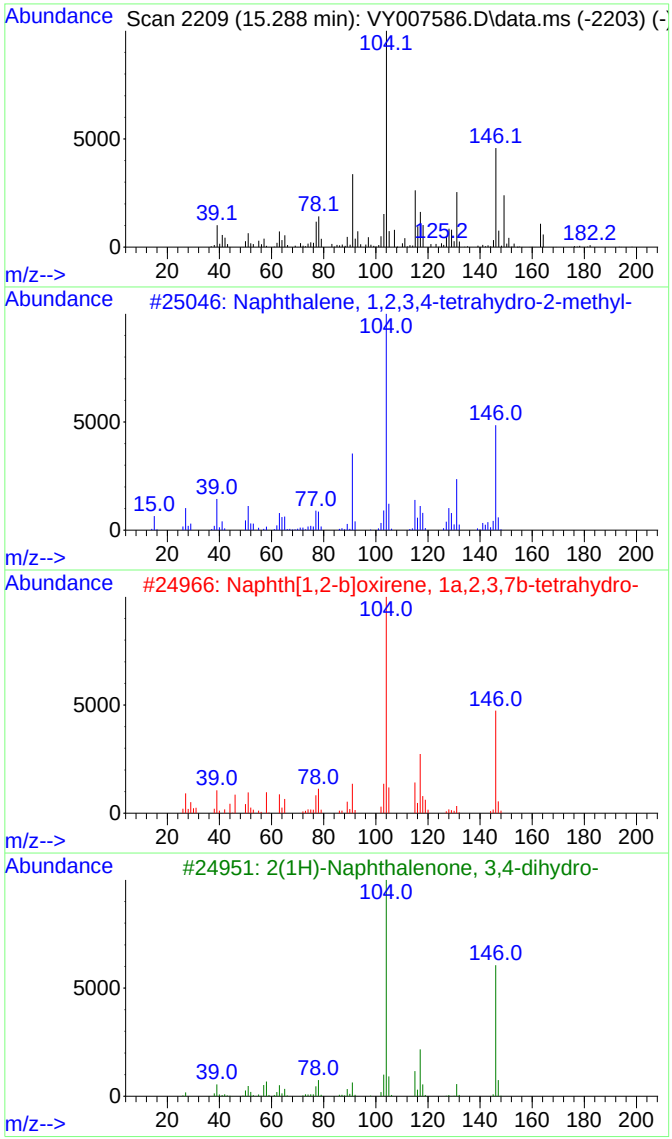
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

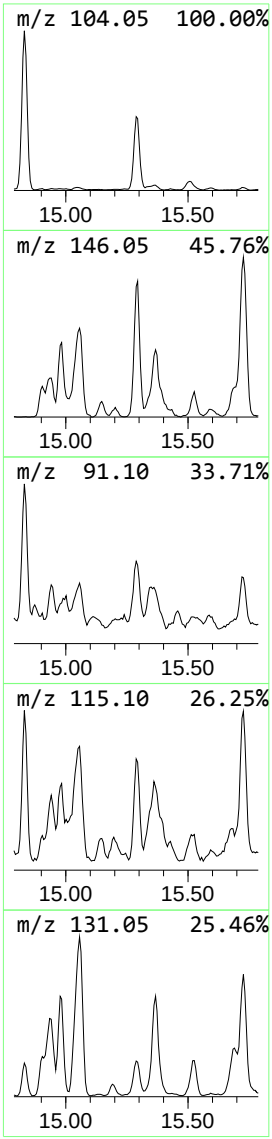
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	624.08 ug/l	1395600	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	41
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

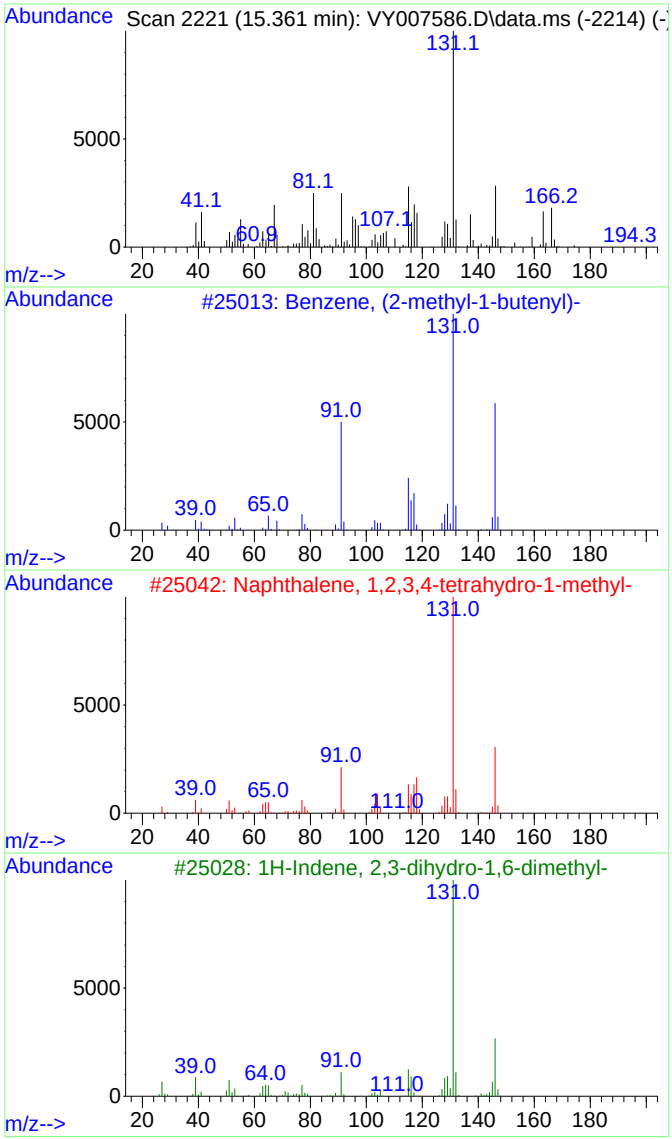
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

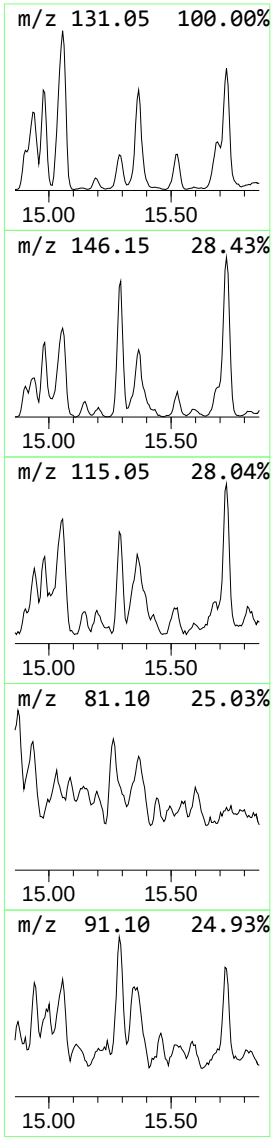
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	788.88 ug/l	1764120	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

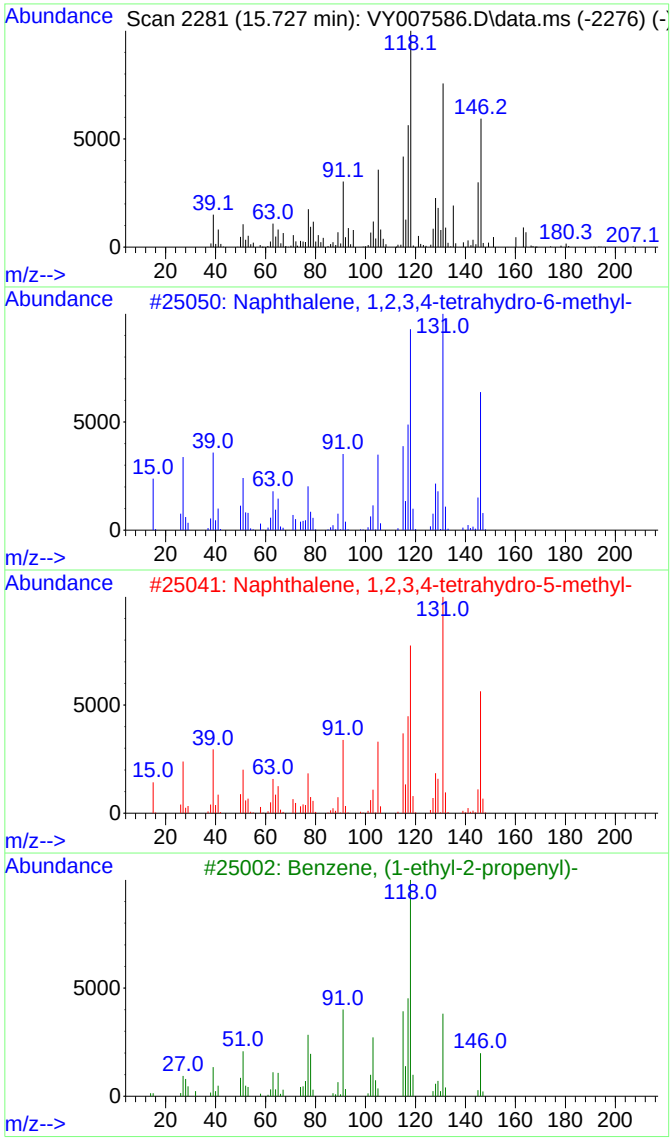
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

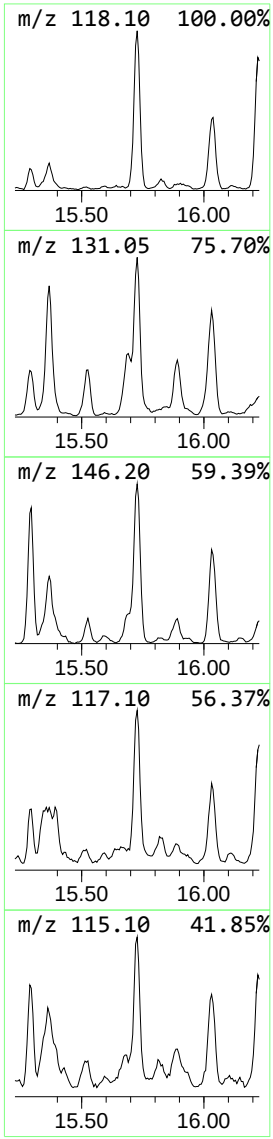
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	492.32 ug/l	1100950	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

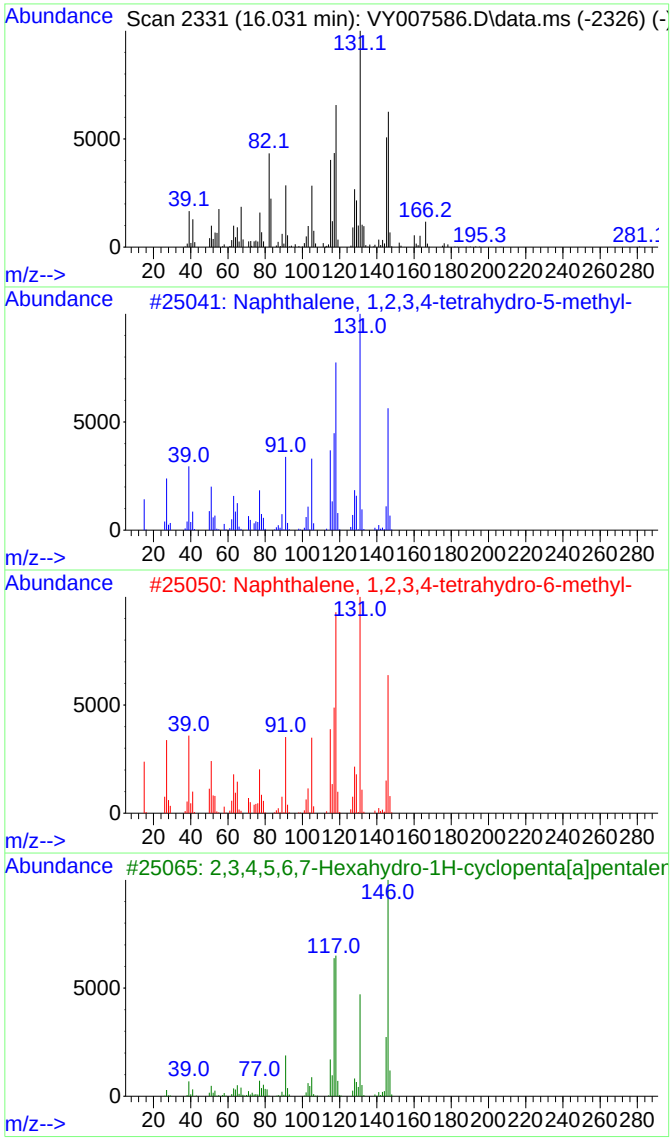
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

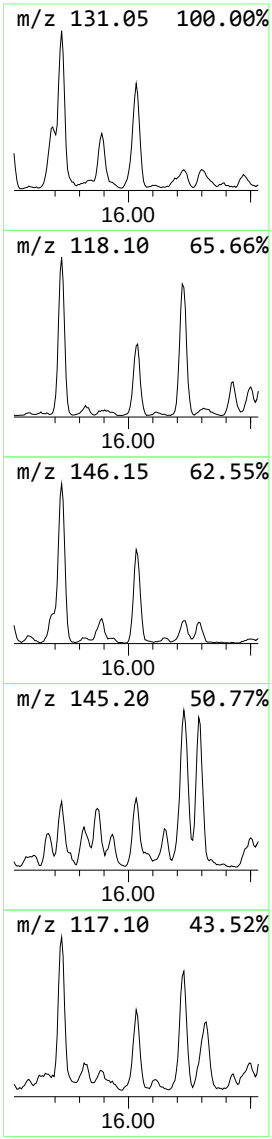
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	421.48 ug/l	942523	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	53
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	52
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007586.D
Acq On : 22 Feb 2022 16:30
Operator : SY/MD
Sample : N1634-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.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
Naphthalene, de...	13.745	574.0	ug/l	1283670	4	13.422	111812	50.0
Naphthalene, de...	14.257	612.3	ug/l	1369310	4	13.422	111812	50.0
Benzene, 1-meth...	14.678	753.2	ug/l	1684430	4	13.422	111812	50.0
Decalin, syn-1-...	14.733	437.0	ug/l	977315	4	13.422	111812	50.0
Naphthalene, 1,...	14.830	773.5	ug/l	1729820	4	13.422	111812	50.0
1H-Indene, 2,3-...	15.050	482.6	ug/l	1079100	4	13.422	111812	50.0
Naphthalene, 1,...	15.288	624.1	ug/l	1395600	4	13.422	111812	50.0
Benzene, (2-met...	15.361	788.9	ug/l	1764120	4	13.422	111812	50.0
Naphthalene, 1,...	15.727	492.3	ug/l	1100950	4	13.422	111812	50.0
Naphthalene, 1,...	16.031	421.5	ug/l	942523	4	13.422	111812	50.0