LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
Data File : VY008114.D
Acq On : 30 Mar 2022 16:51
Operator : SY/MD
Sample : N2155-08RE
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82Y032522S.M
Title : SW846 8260

Signal : TIC: VY008114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.948	339	349	360	rBV2	9639	25752	2.69%	0.397%
2	4.204	383	391	401	rVB2	3824	10101	1.06%	0.156%
3	4.716	467	475	486	rVB2	3968	10864	1.13%	0.168%
4	6.984	839	847	858	rBV	7066	18862	1.97%	0.291%
5	7.722	958	968	973	rBV	50313	120540	12.59%	1.859%
6	7.789	973	979	991	rVB	167162	378115	39.50%	5.831%
7	8.143	1027	1037	1047	rBV	99929	211721	22.12%	3.265%
8	8.691	1119	1127	1136	rVB	257529	511954	53.48%	7.895%
9	10.179	1363	1371	1378	rBV	426742	728465	76.09%	11.233%
10	10.246	1378	1382	1389	rVV	33155	55853	5.83%	0.861%
11	11.282	1543	1552	1562	rVB4	6859	17685	1.85%	0.273%
12	11.490	1579	1586	1596	rBV	388801	636618	66.50%	9.817%
13	11.593	1596	1603	1607	rBV	12000	18858	1.97%	0.291%
14	11.697	1612	1620	1631	rBV2	43382	94511	9.87%	1.457%
15	12.032	1664	1675	1682	rBV3	27011	54742	5.72%	0.844%
16	12.337	1719	1725	1731	rBV	34531	56570	5.91%	0.872%
17	12.483	1742	1749	1760	rVB	316889	495082	51.71%	7.635%
18	12.642	1770	1775	1784	rVB6	5646	15988	1.67%	0.247%
19	12.733	1784	1790	1794	rBV	22170	39055	4.08%	0.602%
20	12.806	1799	1802	1809	rVV2	31610	50237	5.25%	0.775%
21	12.971	1822	1829	1837	rBV	8442	20658	2.16%	0.319%
22	13.123	1849	1854	1858	rBV	36111	53958	5.64%	0.832%
23	13.172	1858	1862	1868	rVB7	6438	11383	1.19%	0.176%
24	13.318	1883	1886	1891	rVV4	5903	10231	1.07%	0.158%
25	13.428	1897	1904	1913	rBV	398172	629153	65.72%	9.702%
26	13.629	1929	1937	1941	rBV	75639	122944	12.84%	1.896%
27	13.666	1941	1943	1952	rVB4	13645	19217	2.01%	0.296%
28	13.751	1952	1957	1962	rBV2	22413	33579	3.51%	0.518%
29	13.812	1962	1967	1972	rVV3	7647	14535	1.52%	0.224%
30	13.916	1981	1984	1988	rVV4	7833	13211	1.38%	0.204%
31	13.971	1989	1993	1998	rVB2	16481	25111	2.62%	0.387%
32	14.081	2006	2011	2016	rBV	18030	28871	3.02%	0.445%
33	14.337	2050	2053	2057	rVB	10330	13788	1.44%	0.213%
34	14.568	2086	2091	2095	rBV2	18786	30231	3.16%	0.466%
35	14.611	2095	2098	2103	rVB	15856	20487	2.14%	0.316%
36	14.684	2103	2110	2115	rBV2	36453	71199	7.44%	1.098%

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Instrument :
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ClientSampleId :
22L076-HRE

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Title : SW846 8260

37	14.745	2115	2120	2128	rVB5	13191	28638	2.99%	0.442%
38	14.836	2129	2135	2144	rBV2	18908	31041	3.24%	0.479%
39	14.946	2147	2153	2156	rBV6	9215	15445	1.61%	0.238%
40	15.056	2167	2171	2176	rVB3	7190	13871	1.45%	0.214%
41	15.239	2193	2201	2208	rBV	579230	957360	100.00%	14.763%
42	15.336	2212	2217	2224	rBV	15523	28165	2.94%	0.434%
43	15.440	2230	2234	2241	rVB3	14386	22929	2.40%	0.354%
44	15.525	2242	2248	2256	rBV2	6510	15027	1.57%	0.232%
45	15.702	2269	2277	2280	rBV5	4939	12681	1.32%	0.196%
46	16.037	2325	2332	2337	rBV7	4940	10601	1.11%	0.163%
47	16.233	2358	2364	2367	rBV2	7038	12966	1.35%	0.200%
48	16.294	2367	2374	2382	rVV	192165	372814	38.94%	5.749%
49	16.367	2382	2386	2390	rVB2	6825	10958	1.14%	0.169%
50	16.489	2399	2406	2420	rVB	129174	282162	29.47%	4.351%

Sum of corrected areas: 6484787

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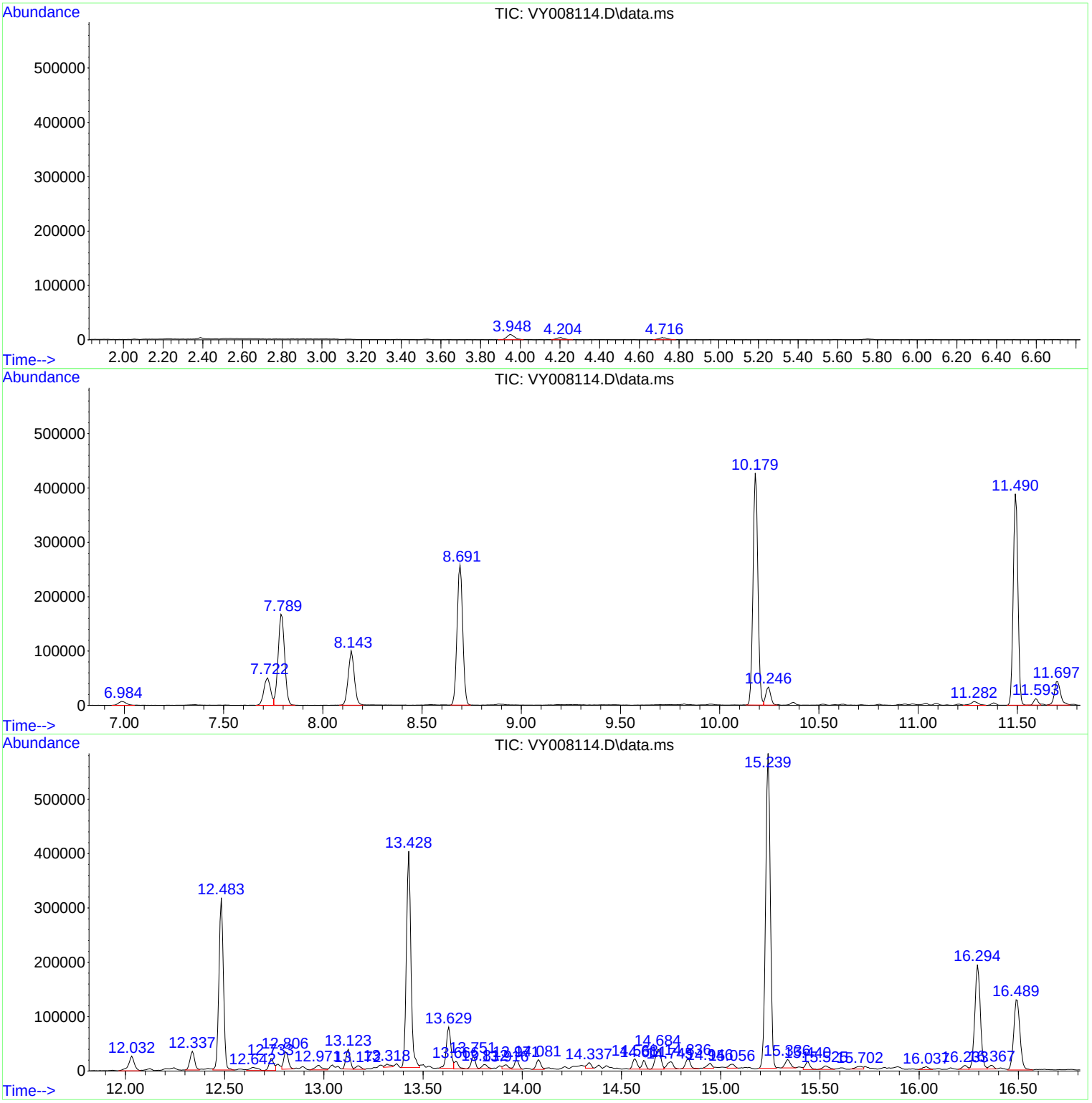
ClientSampleId :
22L076-HRE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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



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ClientSampleId :
22L076-HRE

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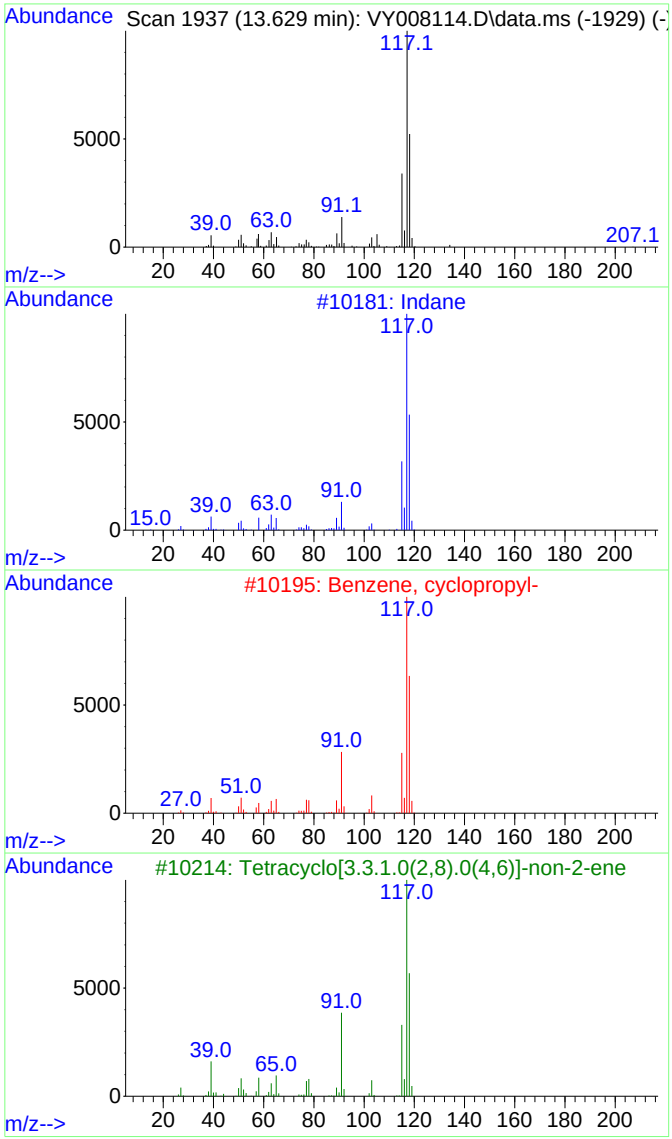
Quant Title : SW846 8260

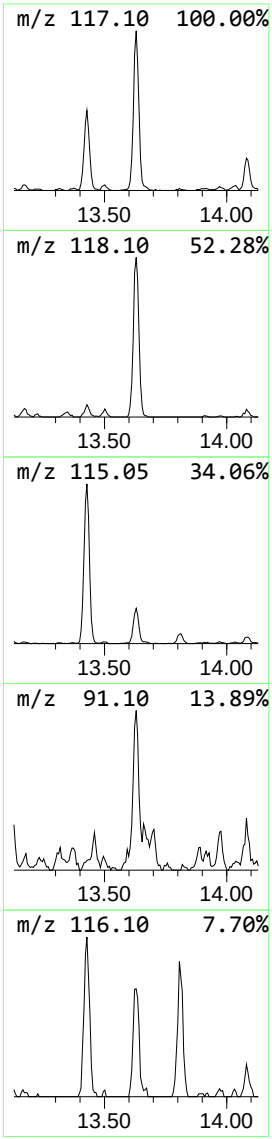
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	9.77 ug/l	122944	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60





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Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

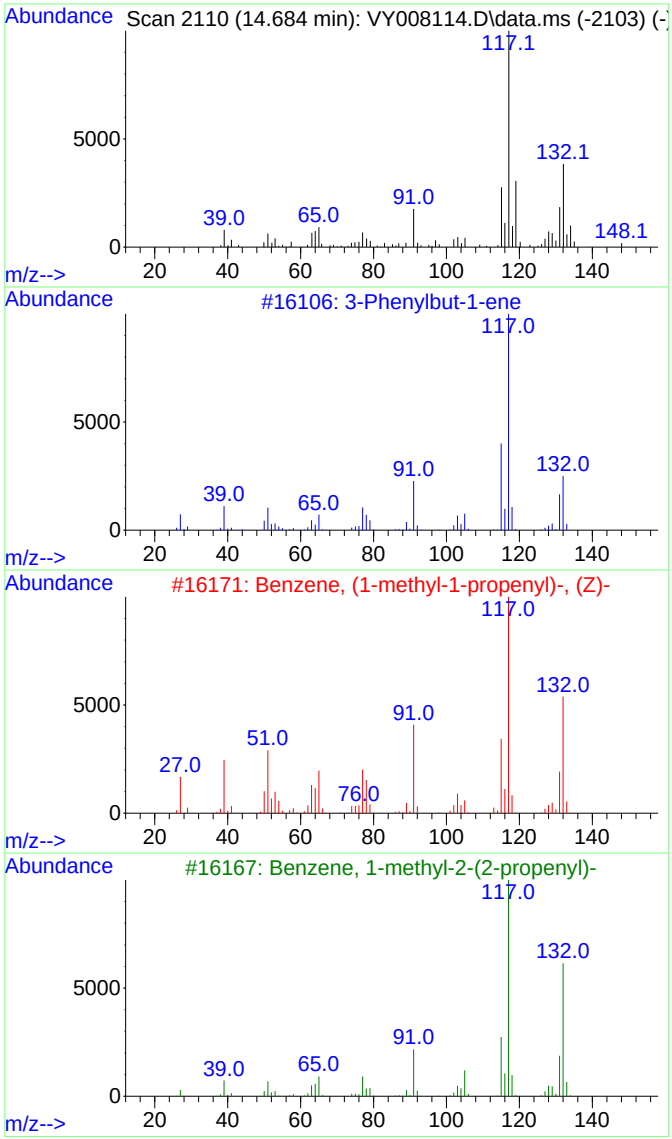
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

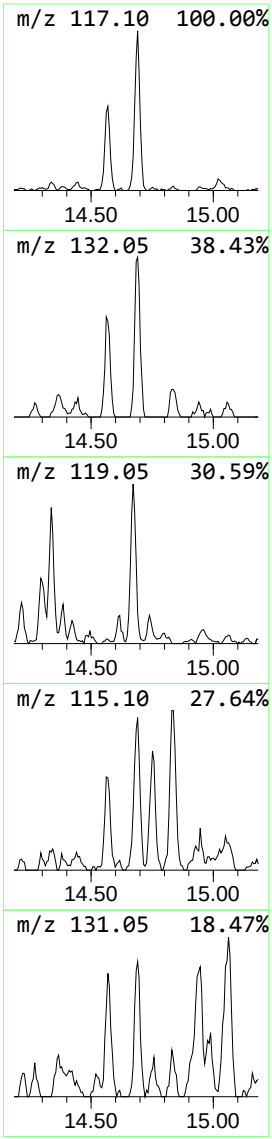
****

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	5.66 ug/l	71199	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83





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Operator : SY/MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

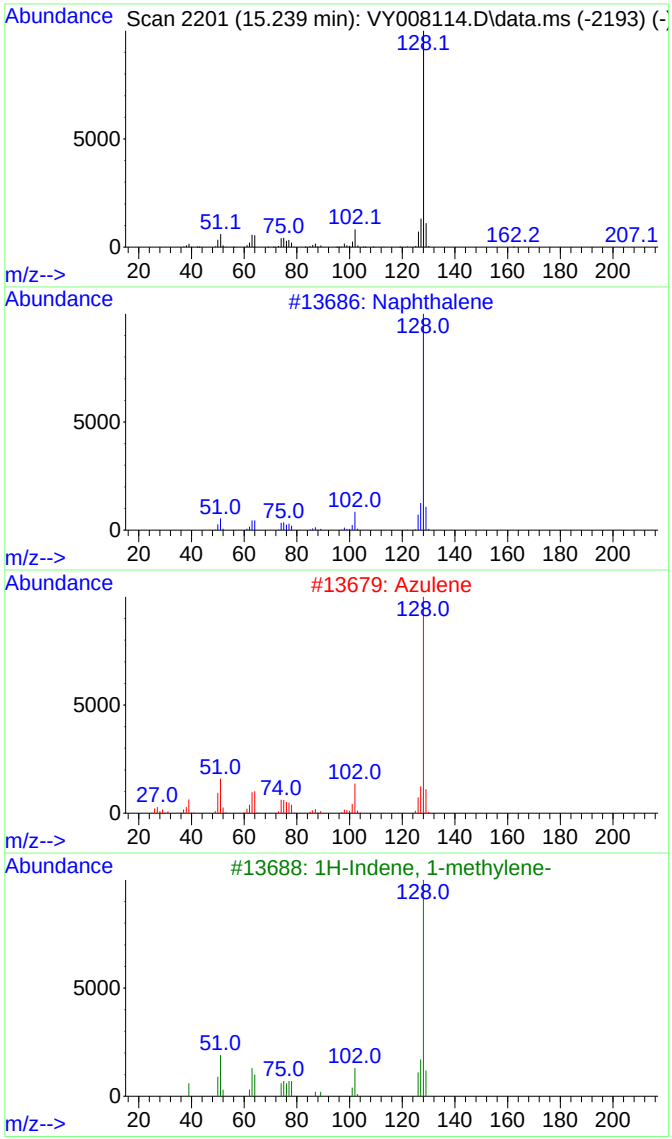
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

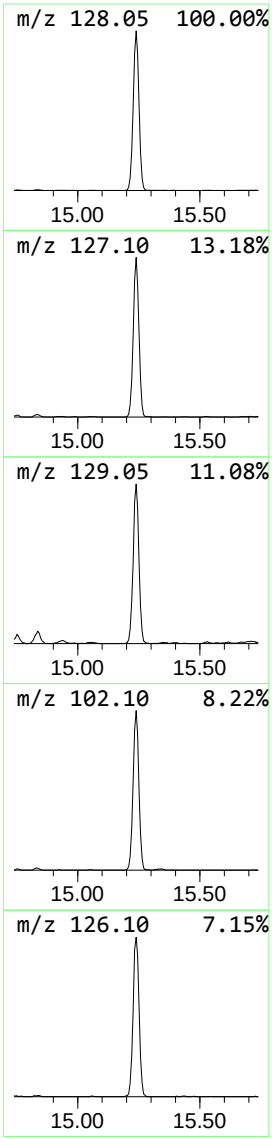
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	76.08 ug/l	957360	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	87
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

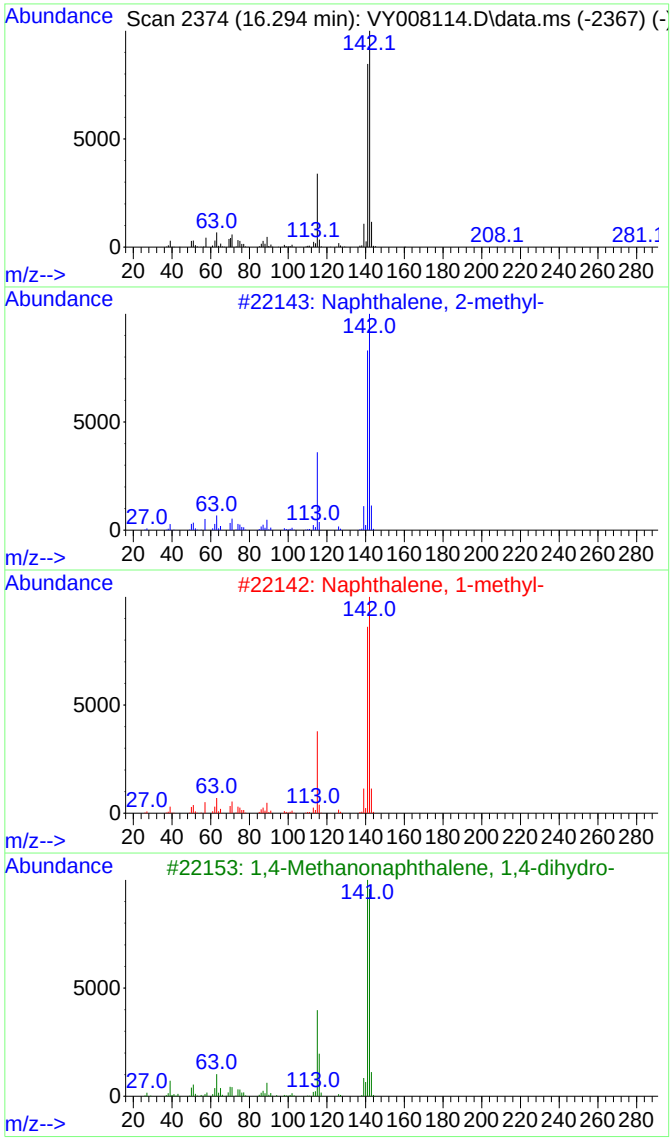
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

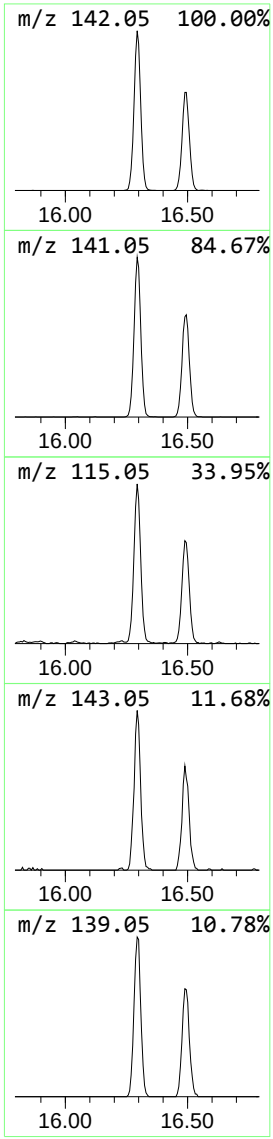
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	29.63 ug/l	372814	1,4-Dichlorobenzene-d4	13.428

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	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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MSVOA_Y
ClientSampleId :
22L076-HRE

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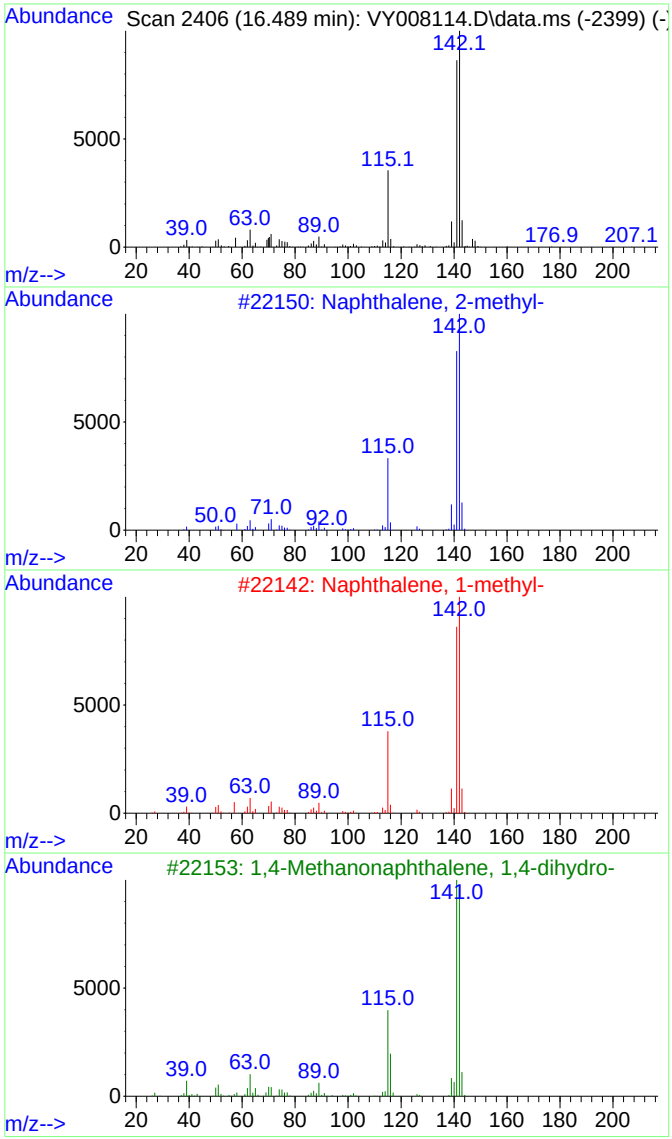
Quant Title : SW846 8260

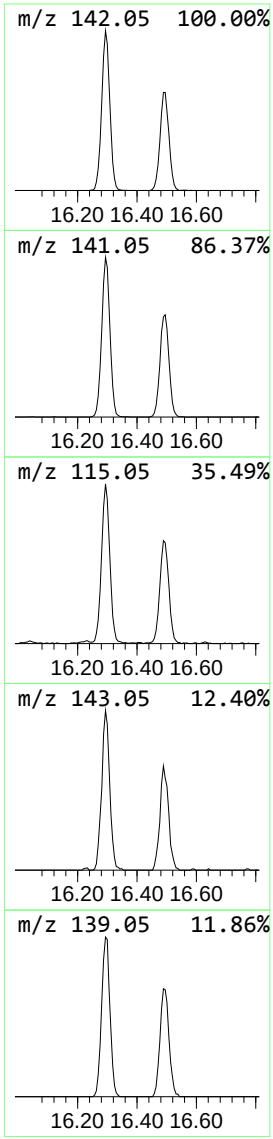
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	22.42 ug/l	282162	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
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	64





Tentatively Identified Compound (LSC) summary

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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
Indane	13.629	9.8	ug/l	122944	4	13.428	629153	50.0
3-Phenylbut-1-ene	14.684	5.7	ug/l	71199	4	13.428	629153	50.0
Naphthalene	15.239	76.1	ug/l	957360	4	13.428	629153	50.0
Naphthalene, 2-...	16.294	29.6	ug/l	372814	4	13.428	629153	50.0
Naphthalene, 2-...	16.489	22.4	ug/l	282162	4	13.428	629153	50.0