LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007589.D
Acq On : 22 Feb 2022 18:04
Operator : SY/MD
Sample : N1635-05
Misc : 4.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

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: VY007589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	467	476	483	rBV3	2084	5434	1.09%	0.140%
2	7.716	958	967	973	rBV	60649	145168	29.07%	3.733%
3	7.789	973	979	991	rVB	92322	213029	42.66%	5.478%
4	8.142	1026	1037	1046	rBV	49807	117139	23.46%	3.012%
5	8.691	1119	1127	1136	rVB	134120	264115	52.89%	6.792%
6	10.179	1364	1371	1379	rVB	209513	358311	71.75%	9.214%
7	10.581	1431	1437	1442	rVB	10273	17827	3.57%	0.458%
8	11.489	1579	1586	1597	rVB	226554	359785	72.04%	9.252%
9	12.331	1718	1724	1731	rBV3	13752	21769	4.36%	0.560%
10	12.477	1742	1748	1757	rVB	195876	324441	64.97%	8.343%
11	12.648	1767	1776	1785	rVB8	1427	5113	1.02%	0.131%
12	12.806	1795	1802	1808	rVB5	6930	12384	2.48%	0.318%
13	13.117	1849	1853	1858	rVB2	6057	8254	1.65%	0.212%
14	13.422	1896	1903	1910	rBV	254219	390604	78.21%	10.044%
15	13.629	1928	1937	1940	rBV2	11730	22542	4.51%	0.580%
16	13.660	1940	1942	1947	rVV3	4227	6553	1.31%	0.169%
17	13.751	1951	1957	1961	rBV4	12538	21014	4.21%	0.540%
18	13.806	1962	1966	1973	rVB3	6867	13208	2.64%	0.340%
19	13.965	1987	1992	1997	rVB3	9117	15907	3.19%	0.409%
20	14.074	2006	2010	2014	rBV5	6325	9970	2.00%	0.256%
21	14.257	2033	2040	2045	rBV10	7933	20269	4.06%	0.521%
22	14.330	2050	2052	2055	rVV2	5626	6964	1.39%	0.179%
23	14.373	2055	2059	2064	rVV6	5588	9604	1.92%	0.247%
24	14.422	2064	2067	2071	rVV5	5397	7235	1.45%	0.186%
25	14.568	2086	2091	2094	rBV3	6722	12396	2.48%	0.319%
26	14.611	2094	2098	2103	rVB2	15657	22731	4.55%	0.585%
27	14.678	2103	2109	2114	rBV5	18053	41516	8.31%	1.068%
28	14.733	2114	2118	2125	rVB7	12275	27714	5.55%	0.713%
29	14.830	2128	2134	2140	rBV8	13724	23253	4.66%	0.598%
30	14.934	2144	2151	2155	rBV8	6481	12416	2.49%	0.319%
31	15.050	2165	2170	2176	rVB9	9254	17341	3.47%	0.446%
32	15.147	2182	2186	2192	rVB8	3815	7268	1.46%	0.187%
33	15.233	2192	2200	2206	rBV	110152	188037	37.65%	4.835%
34	15.294	2206	2210	2212	rBV5	4427	6902	1.38%	0.177%
35	15.336	2212	2217	2224	rVB5	6971	17125	3.43%	0.440%
36	15.434	2229	2233	2238	rVB6	12176	19073	3.82%	0.490%

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Integration Parameters: RTEINT.P
Integrator: RTE
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37	15.525	2242	2248	2255	rBV5	6634	14704	2.94%	0.378%
38	15.592	2255	2259	2261	rBV5	3681	5311	1.06%	0.137%
39	15.684	2270	2274	2275	rBV4	4826	5597	1.12%	0.144%
40	15.720	2276	2280	2289	rVB9	11141	23847	4.78%	0.613%
41	15.824	2289	2297	2300	rBV10	3324	6813	1.36%	0.175%
42	15.885	2302	2307	2312	rVB8	4627	7809	1.56%	0.201%
43	16.031	2323	2331	2336	rBV10	9558	21140	4.23%	0.544%
44	16.226	2355	2363	2366	rBV3	17593	36037	7.22%	0.927%
45	16.287	2366	2373	2382	rVB	252483	499398	100.00%	12.842%
46	16.482	2398	2405	2414	rBV	236781	495788	99.28%	12.749%

Sum of corrected areas: 3888855

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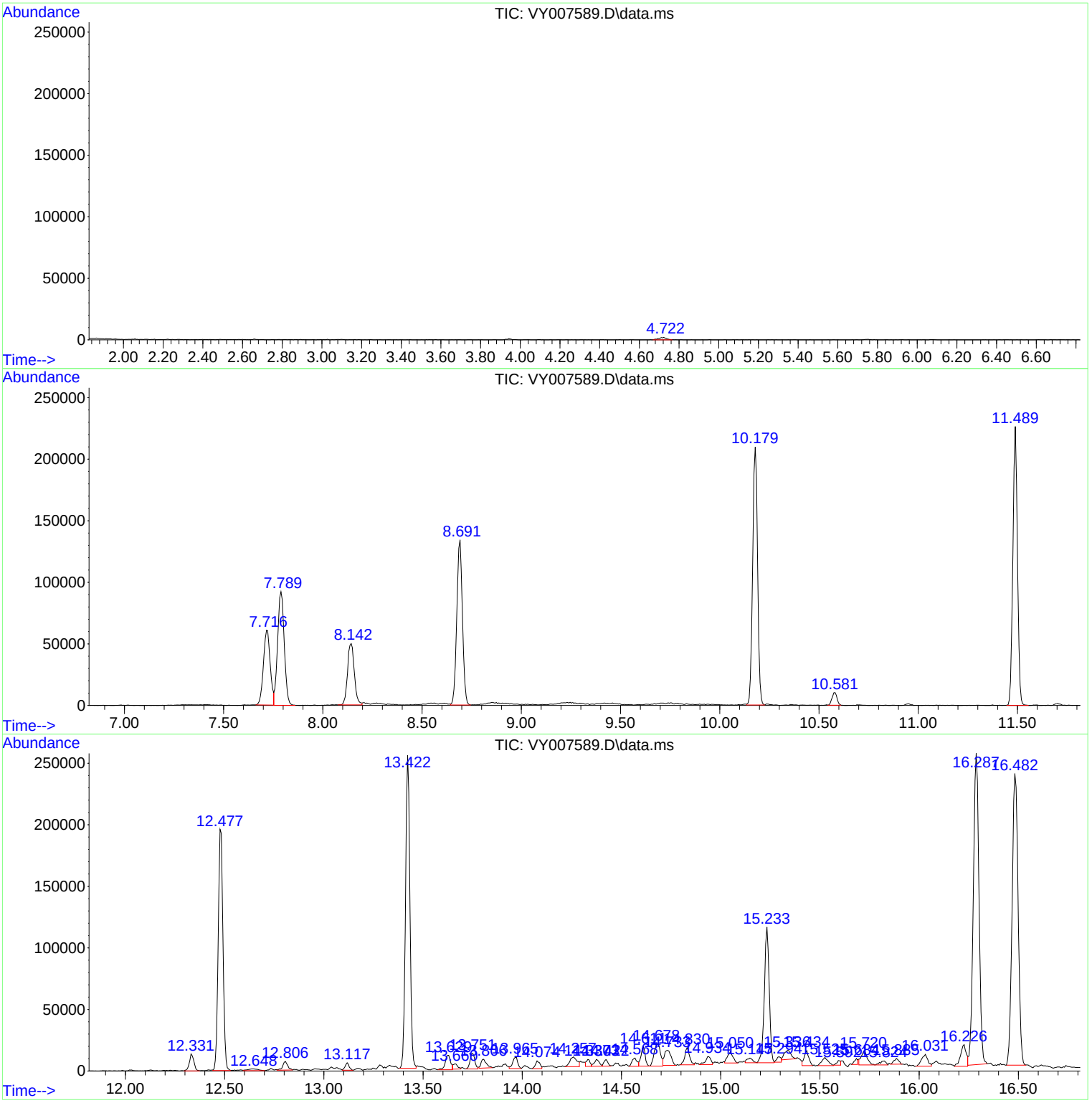
Quant Title : SW846 8260

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



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TIC Library : C:\Database\NIST20.L
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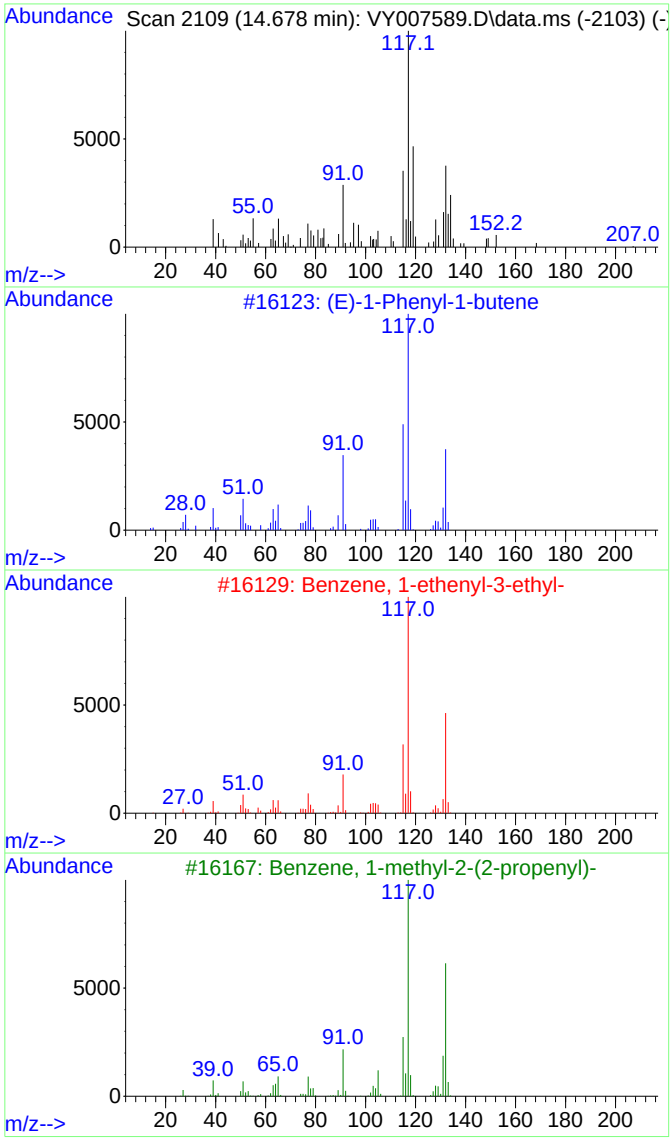
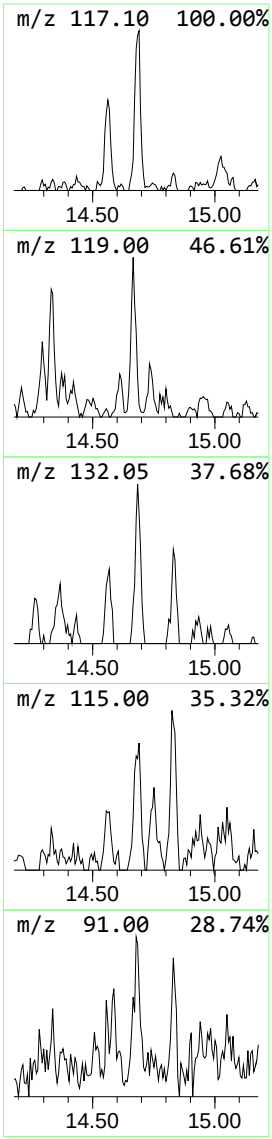
****
Peak Number 1 (E)-1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	5.31 ug/l	41516	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	92
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





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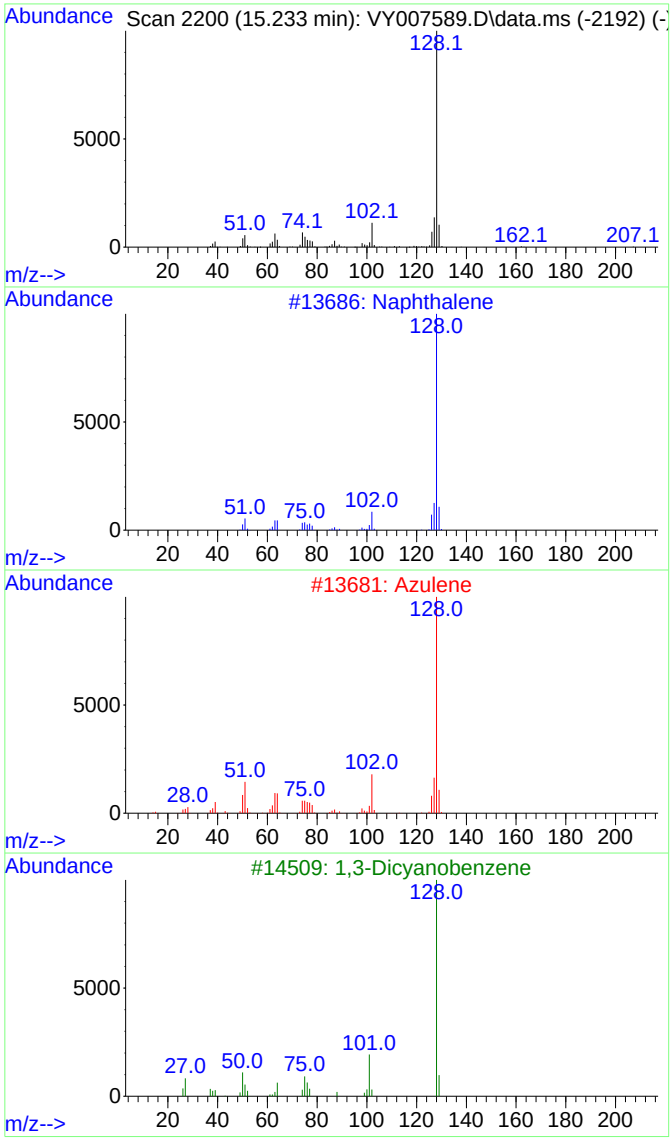
Quant Title : SW846 8260

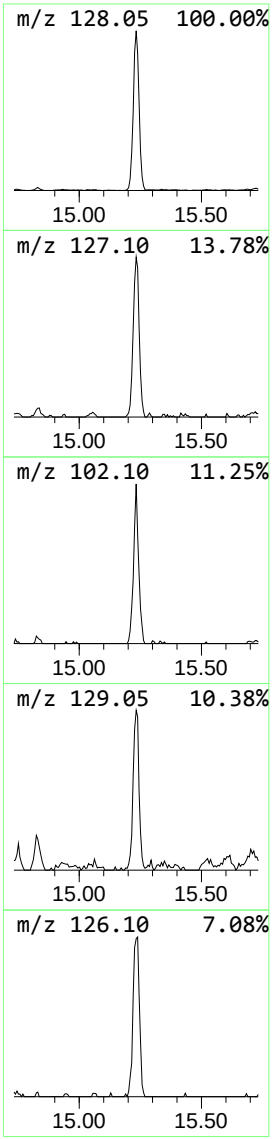
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	24.07 ug/l	188037	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	91
3	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	58
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	47
5	4-Fluorobenzene-1,2-diol	128	C6H5FO2	000367-32-8	45





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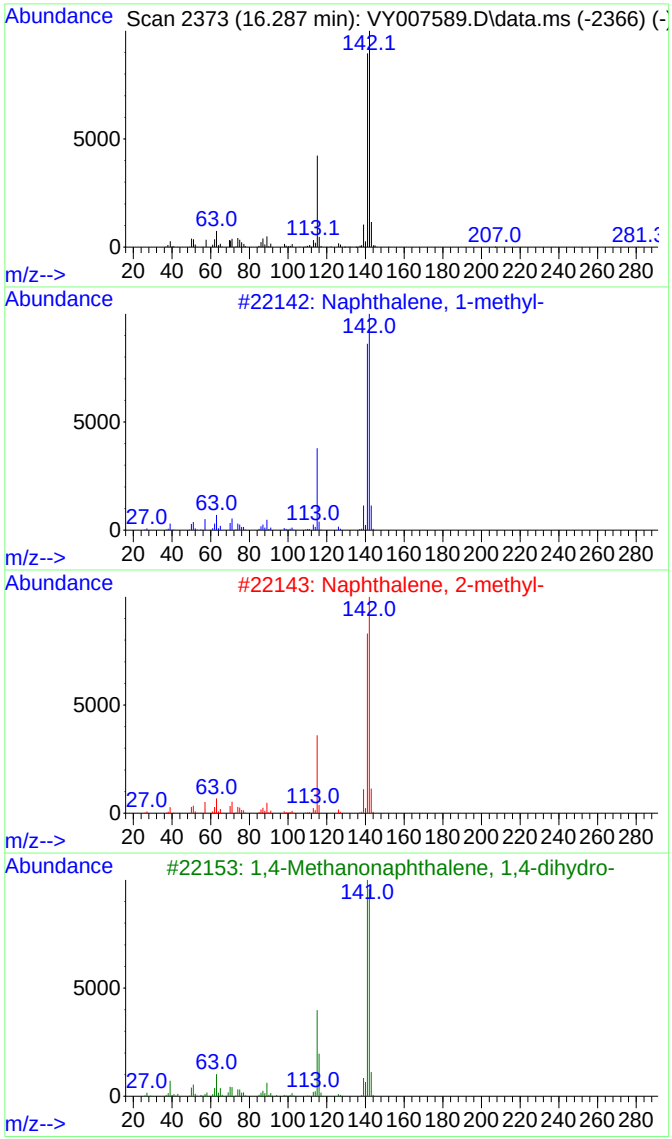
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

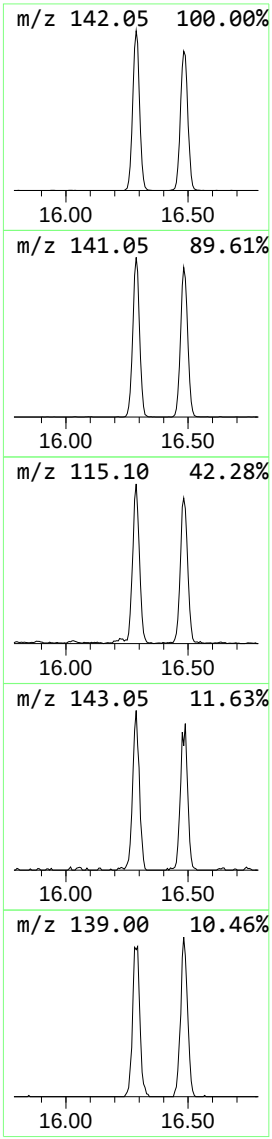
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	63.93 ug/l	499398	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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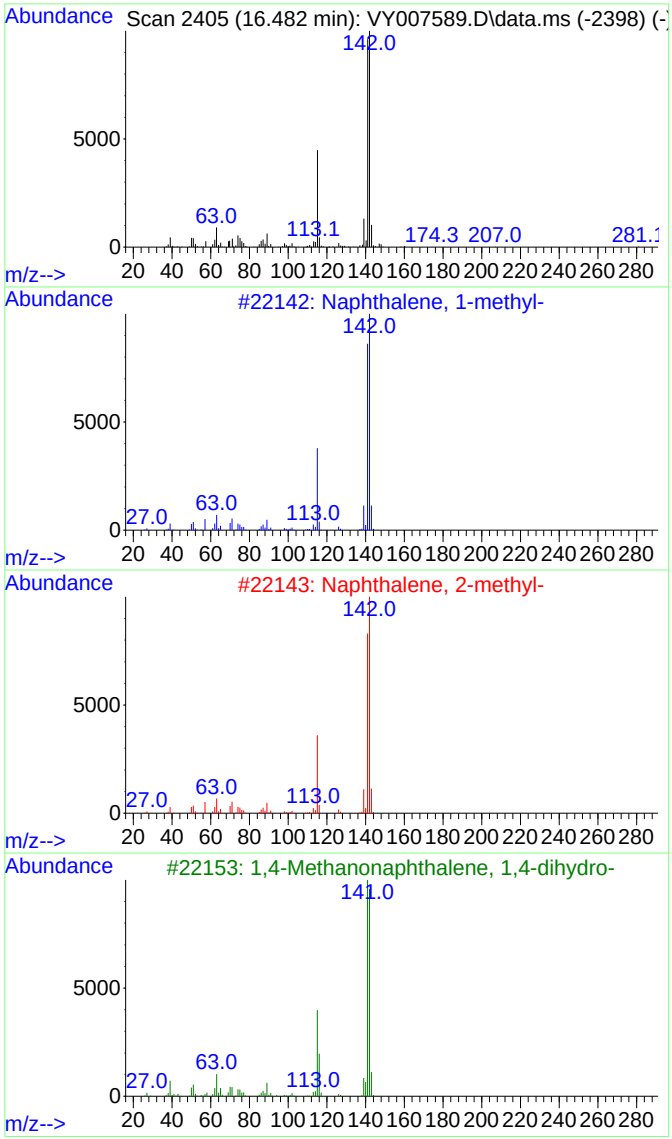
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

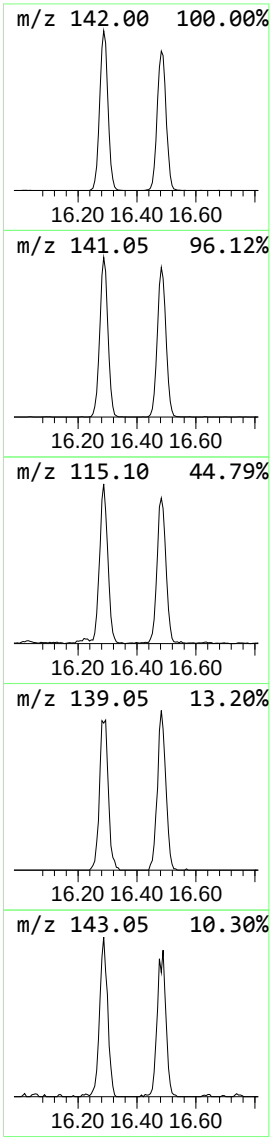
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	63.46 ug/l	495788	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(E)-1-Phenyl-1-...	14.678	5.3	ug/l	41516	4	13.422	390604	50.0
Azulene	15.233	24.1	ug/l	188037	4	13.422	390604	50.0
Naphthalene, 1-...	16.287	63.9	ug/l	499398	4	13.422	390604	50.0
1,4-Methanonaph...	16.482	63.5	ug/l	495788	4	13.422	390604	50.0