

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016044.D
 Acq On : 19 Oct 2023 17:56
 Operator : SY/MD
 Sample : 04938-16
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-8(2-6)

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\82Y101823S.M
 Title : SW846 8260

Signal : TIC: VY016044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	17	rVB3	3936	8154	1.01%	0.131%
2	4.027	354	362	370	rBV3	5448	13097	1.63%	0.210%
3	4.710	460	474	486	rBV2	23294	73126	9.10%	1.172%
4	5.740	633	643	655	rVB6	4622	14102	1.76%	0.226%
5	7.722	956	968	973	rBV	105513	251876	31.35%	4.037%
6	7.789	973	979	995	rVB	178829	414133	51.54%	6.638%
7	8.143	1029	1037	1050	rBV2	110132	268323	33.39%	4.301%
8	8.691	1118	1127	1138	rBV	268942	537991	66.95%	8.624%
9	10.185	1363	1372	1379	rBV	417744	732241	91.13%	11.737%
10	10.246	1379	1382	1392	rVB	14723	26182	3.26%	0.420%
11	11.496	1579	1587	1599	rBV	398317	647303	80.56%	10.376%
12	11.703	1616	1621	1628	rVB2	5091	9598	1.19%	0.154%
13	11.874	1642	1649	1655	rBV5	5421	9856	1.23%	0.158%
14	12.038	1667	1676	1684	rBV5	8108	26598	3.31%	0.426%
15	12.483	1743	1749	1756	rBV	308057	504816	62.82%	8.092%
16	12.812	1797	1803	1809	rVB5	4744	8501	1.06%	0.136%
17	12.977	1818	1830	1837	rVB6	10655	36888	4.59%	0.591%
18	13.123	1842	1854	1861	rBV5	9653	26108	3.25%	0.418%
19	13.343	1873	1890	1895	rBV4	11737	22623	2.82%	0.363%
20	13.428	1898	1904	1918	rVV	378615	597656	74.38%	9.580%
21	13.635	1933	1938	1943	rBV2	10063	18910	2.35%	0.303%
22	13.812	1960	1967	1976	rVB2	7304	16226	2.02%	0.260%
23	13.965	1987	1992	1997	rBV	20454	40328	5.02%	0.646%
24	14.294	2036	2046	2052	rBV7	4709	15547	1.93%	0.249%
25	14.739	2103	2119	2132	rBV	197107	643256	80.05%	10.311%
26	14.836	2132	2135	2141	rVB4	6725	10907	1.36%	0.175%
27	15.135	2175	2184	2191	rVB5	5190	14089	1.75%	0.226%
28	15.239	2194	2201	2208	rBV	485854	803528	100.00%	12.880%
29	15.336	2213	2217	2222	rVV	8964	15757	1.96%	0.253%
30	15.440	2222	2234	2247	rVB3	17685	68309	8.50%	1.095%
31	16.300	2367	2375	2385	rVB	92890	179231	22.31%	2.873%
32	16.495	2399	2407	2417	rVB	88273	183341	22.82%	2.939%

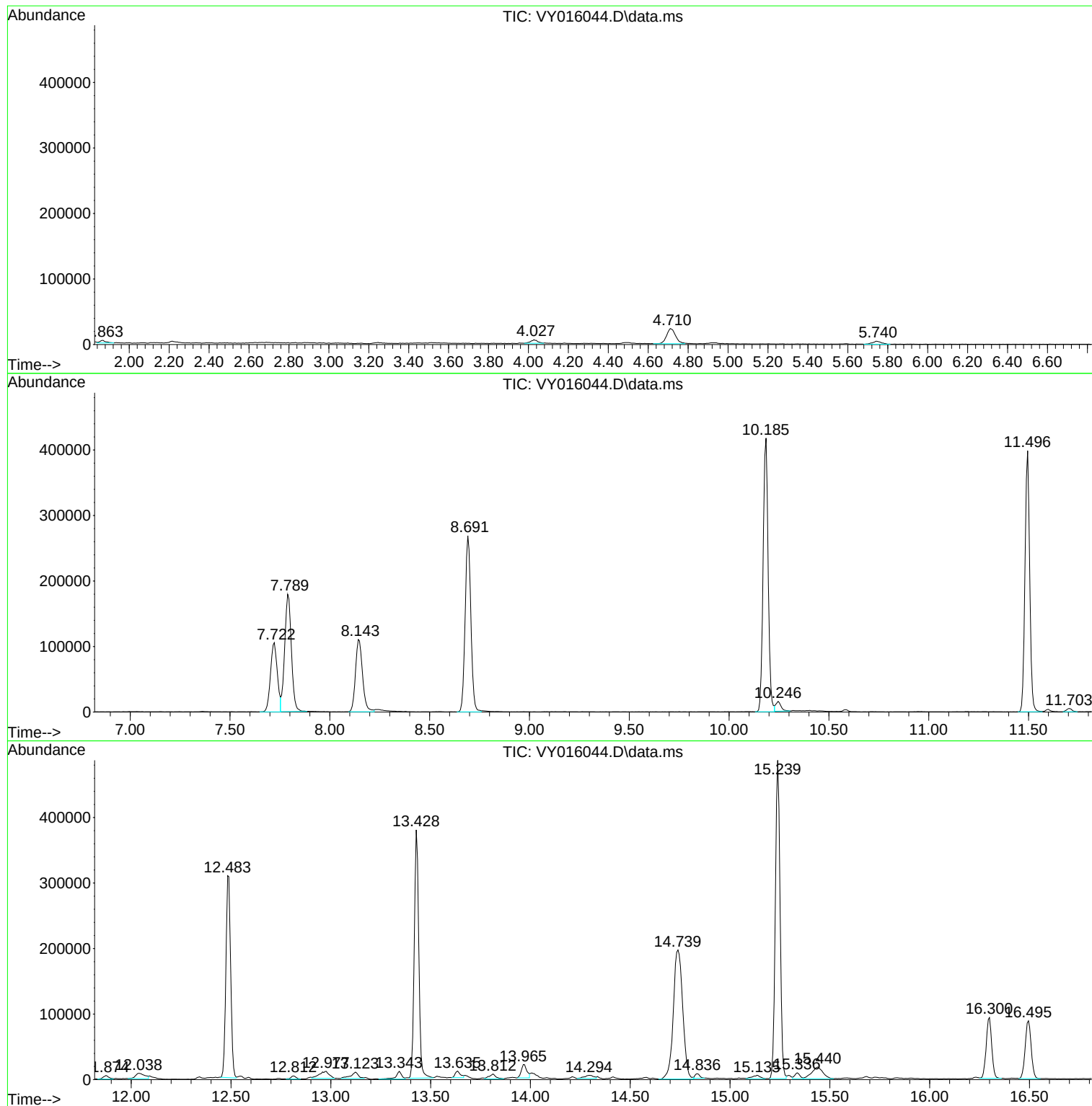
Sum of corrected areas: 6238601

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ClientSampleId :
A-8(2-6)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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



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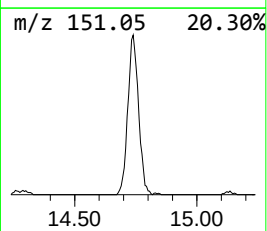
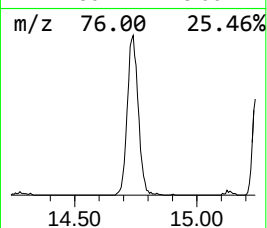
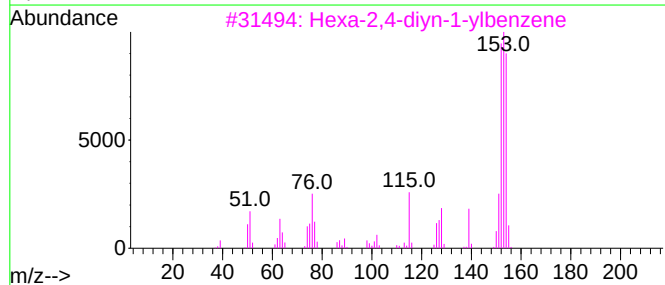
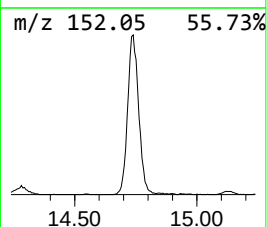
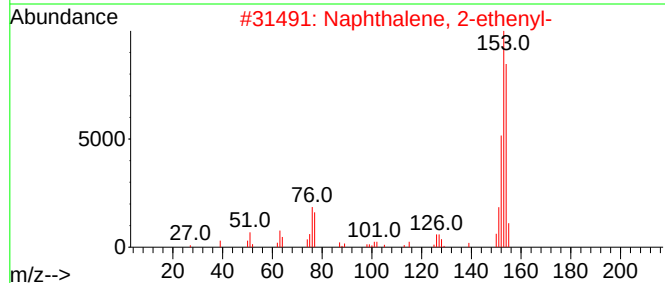
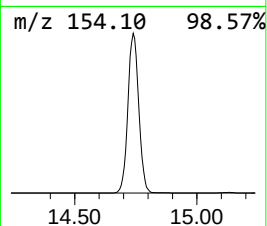
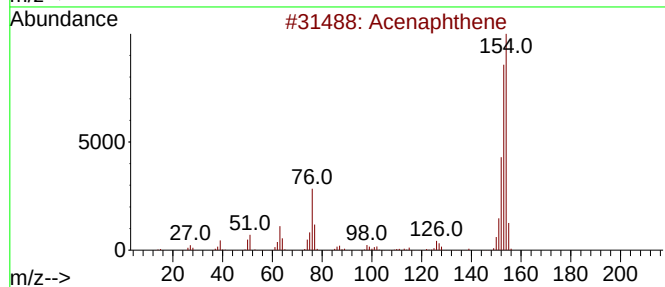
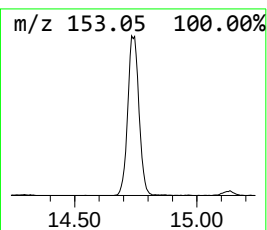
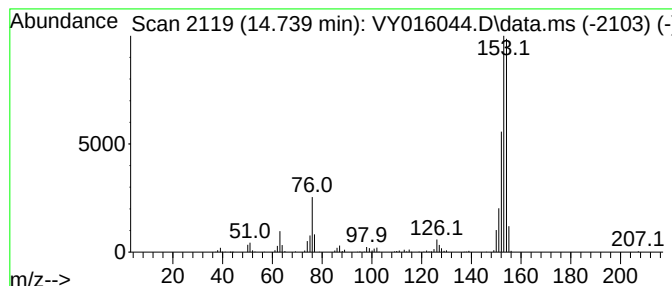
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 1 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	53.81 ug/l	643256	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	94
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	53
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47
5			Biphenyl	154	C12H10	000092-52-4	47



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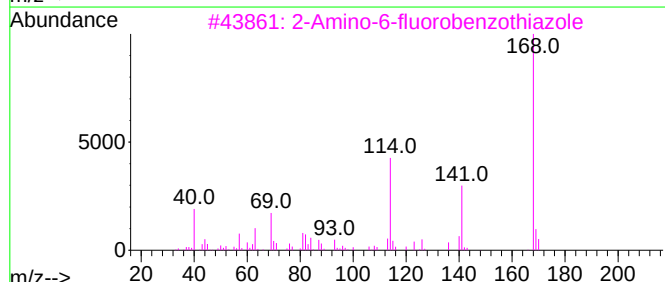
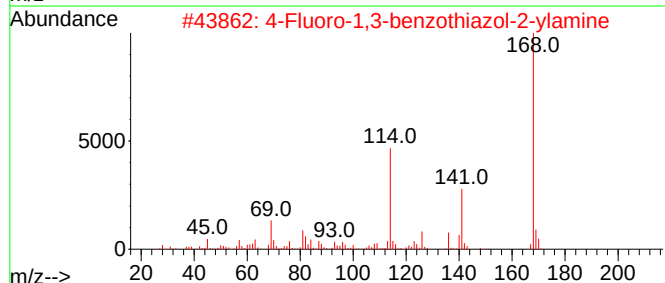
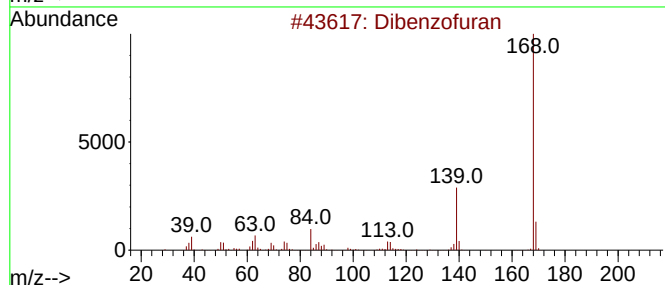
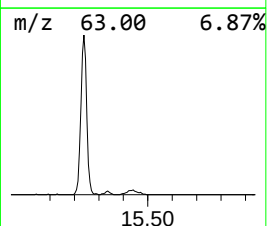
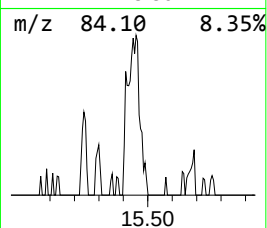
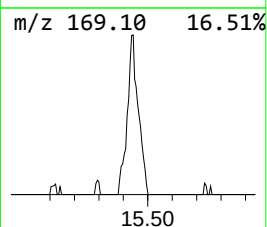
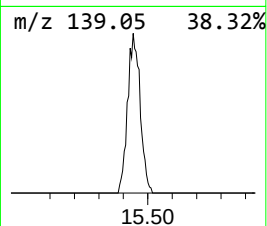
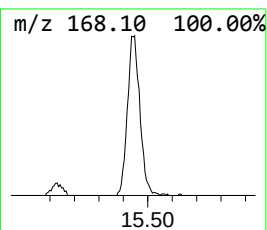
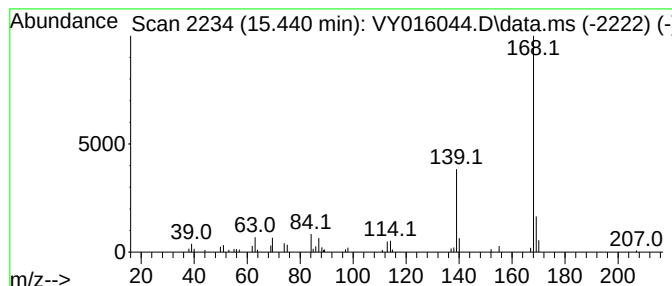
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 2 Dibenzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	5.71 ug/l	68309	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	81
2			4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	52
3			2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	50
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
5			1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	50



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ClientSampleId :
A-8(2-6)

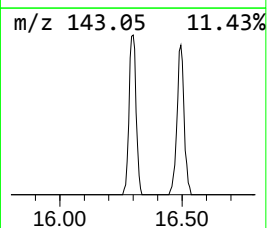
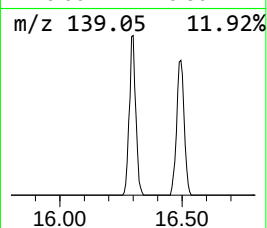
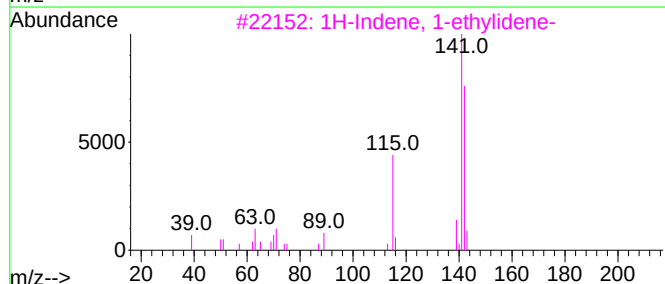
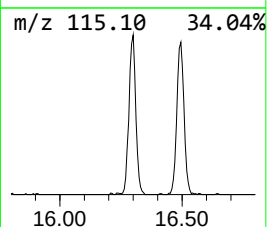
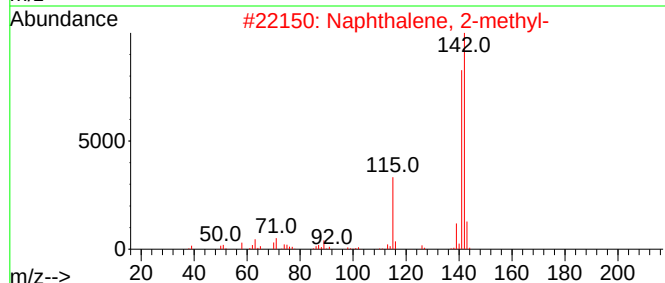
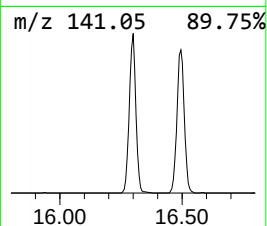
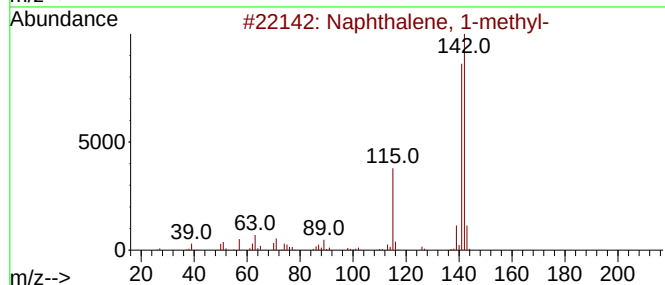
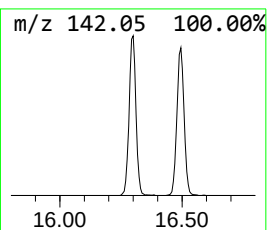
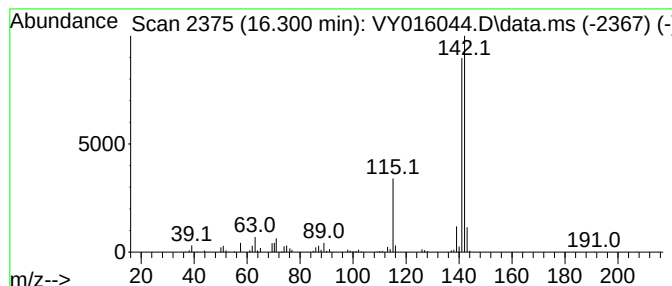
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.300	14.99 ug/l	179231	1,4-Dichlorobenzene-d4	13.428

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A-8(2-6)

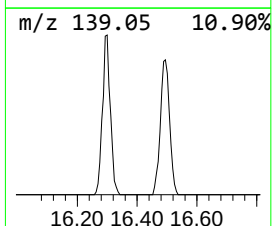
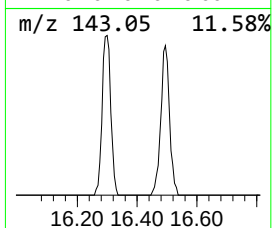
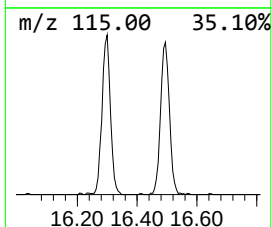
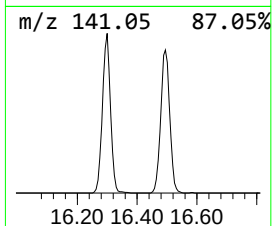
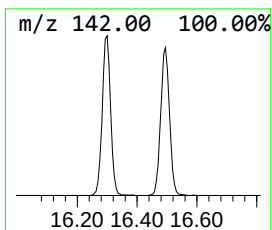
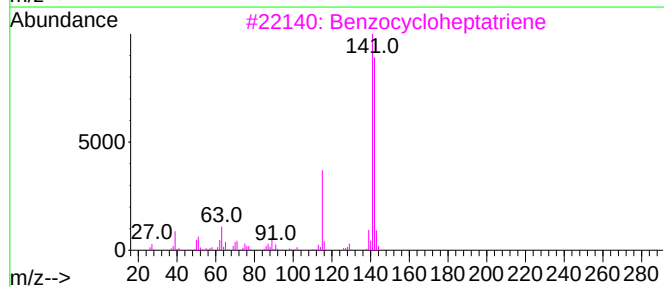
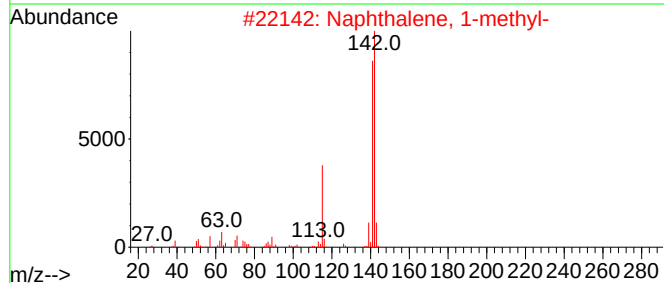
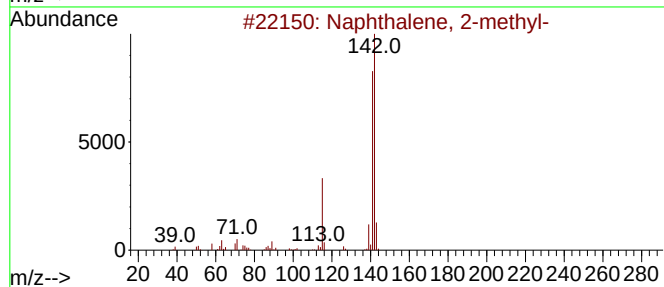
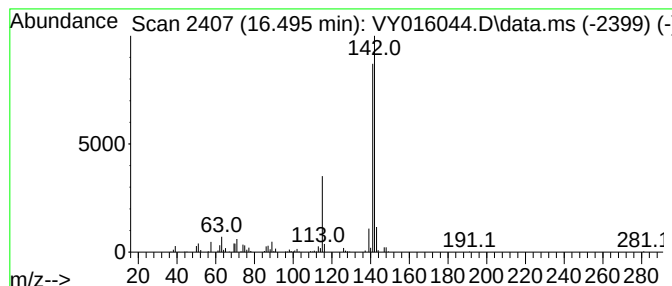
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Quant Title : SW846 8260

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.
16.495	15.34 ug/l	183341	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			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acenaphthene	14.739	53.8	ug/l	643256	4	13.428	597656	50.0
Dibenzofuran	15.440	5.7	ug/l	68309	4	13.428	597656	50.0
Naphthalene, 1-...	16.300	15.0	ug/l	179231	4	13.428	597656	50.0
Naphthalene, 2-...	16.495	15.3	ug/l	183341	4	13.428	597656	50.0