

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021121.D
 Acq On : 06 Feb 2025 19:05
 Operator : SY/MD
 Sample : Q1309-11
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

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\82Y020325S.M
 Title : SW846 8260

Signal : TIC: VY021121.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.890	840	848	857	rVB3	5185	15931	6.11%	1.068%
2	7.640	962	971	977	rBV2	36528	89020	34.13%	5.966%
3	7.713	977	983	995	rVB	72496	164954	63.25%	11.056%
4	8.067	1028	1041	1051	rBV3	28991	69790	26.76%	4.677%
5	8.616	1122	1131	1144	rBV	99732	202448	77.63%	13.568%
6	10.109	1369	1376	1386	rBV	149305	260792	100.00%	17.479%
7	10.512	1437	1442	1450	rVB2	4016	7799	2.99%	0.523%
8	10.884	1499	1503	1510	rBV5	1798	3067	1.18%	0.206%
9	11.249	1557	1563	1568	rBV4	3405	6180	2.37%	0.414%
10	11.420	1584	1591	1605	rVB	129156	216027	82.83%	14.479%
11	12.414	1747	1754	1766	rVB2	85987	149116	57.18%	9.994%
12	13.353	1896	1908	1918	rBV	87910	141429	54.23%	9.479%
13	13.554	1933	1941	1945	rBV3	7582	12464	4.78%	0.835%
14	14.560	2098	2106	2121	rVV4	11725	41828	16.04%	2.803%
15	14.669	2121	2124	2130	rVV4	1896	3301	1.27%	0.221%
16	14.755	2134	2138	2143	rVB5	2545	4130	1.58%	0.277%
17	15.151	2195	2203	2212	rBV	27192	46129	17.69%	3.092%
18	16.188	2365	2373	2381	rBV2	12282	24928	9.56%	1.671%
19	16.377	2398	2404	2413	rBV	11595	24542	9.41%	1.645%
20	16.718	2451	2460	2468	rVB5	3126	8172	3.13%	0.548%

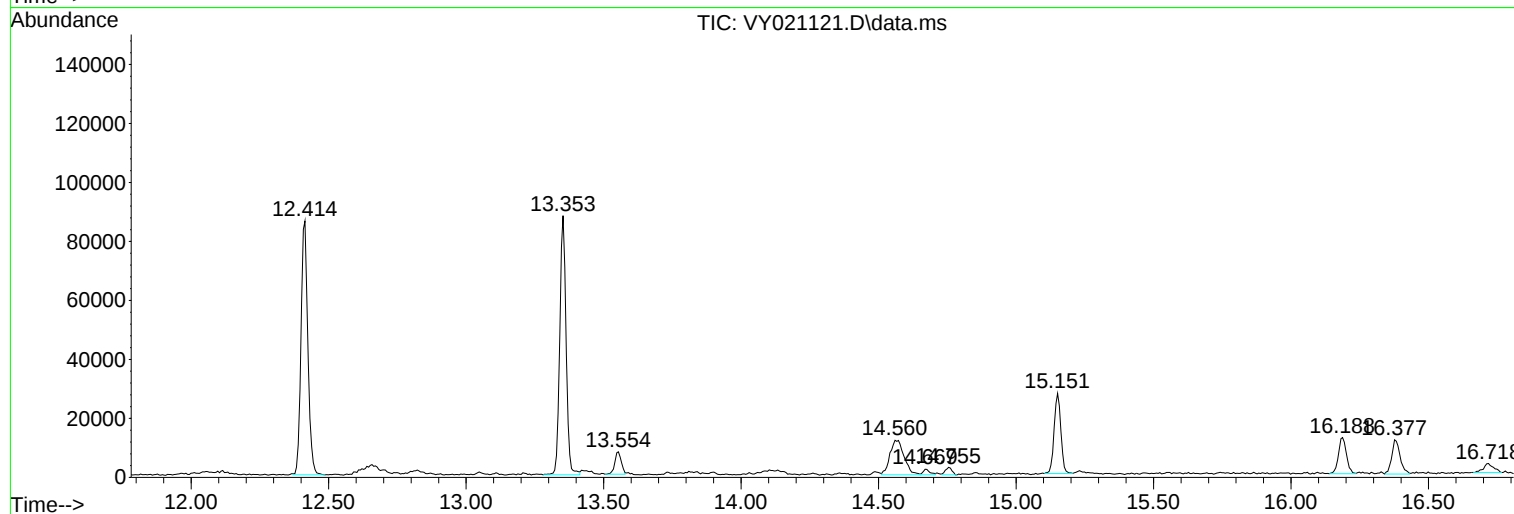
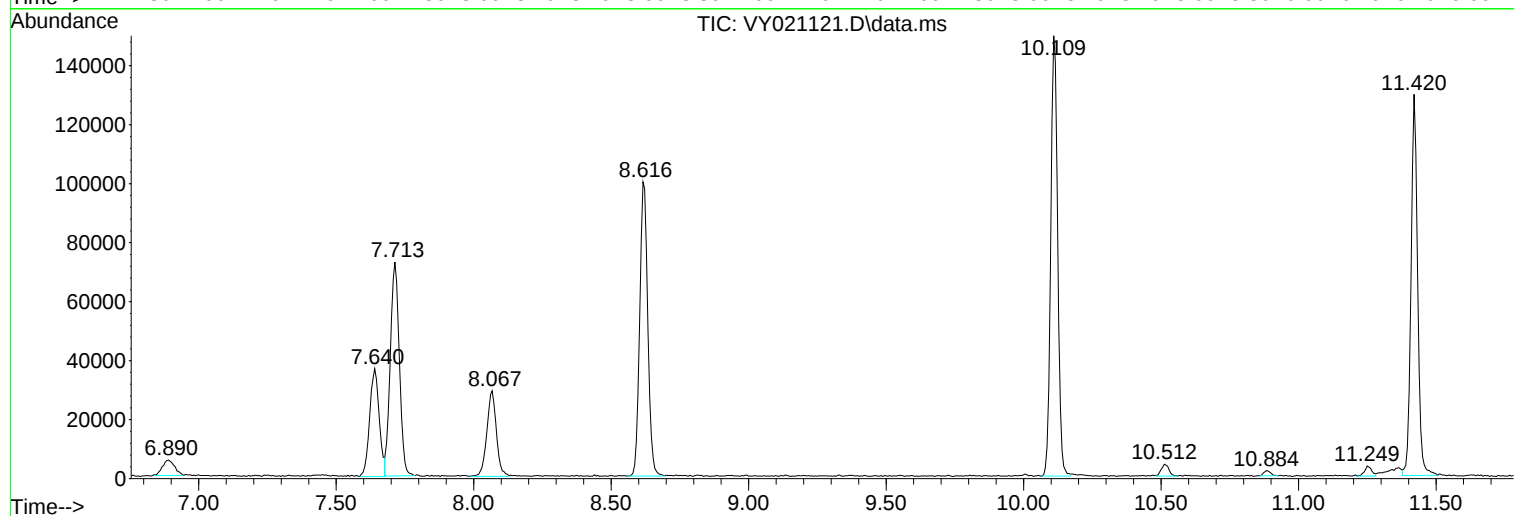
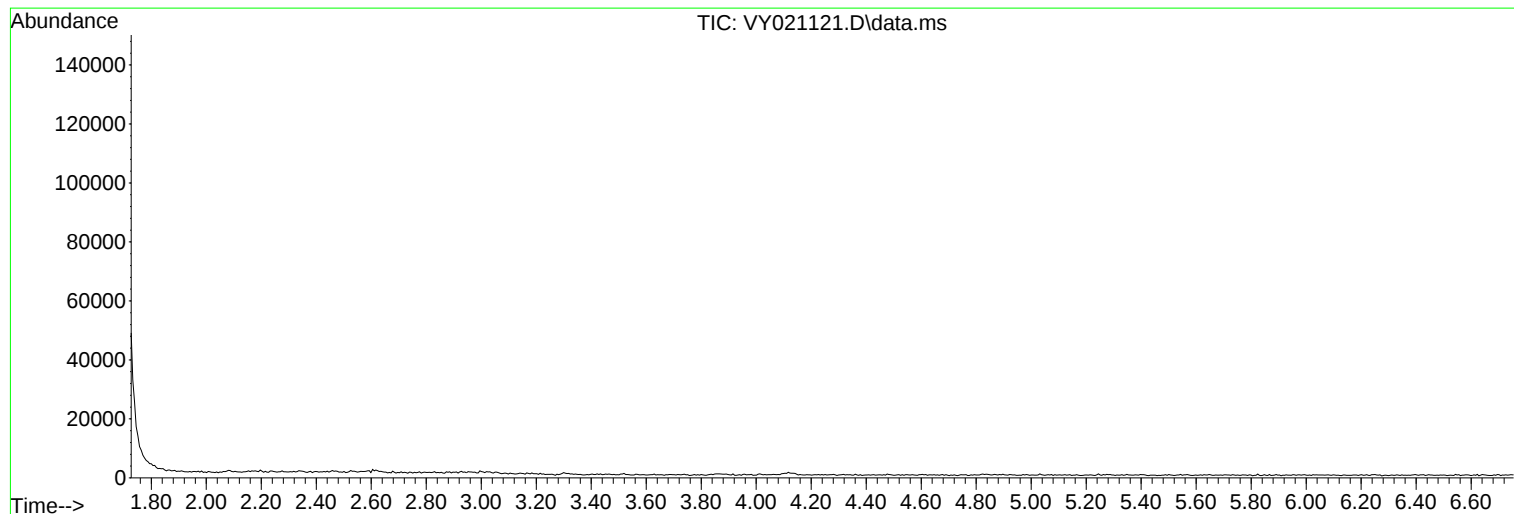
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
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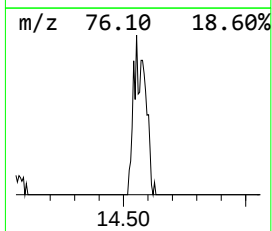
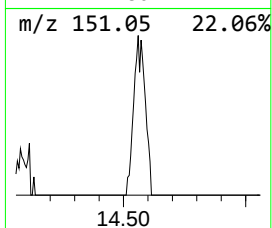
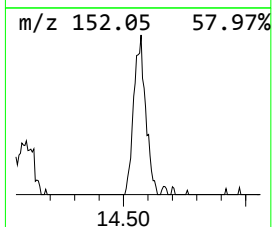
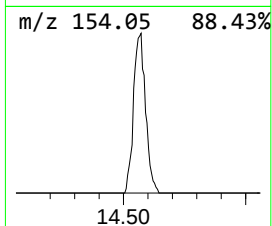
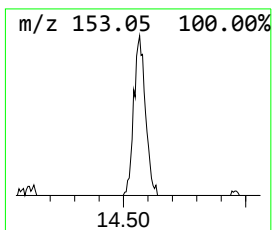
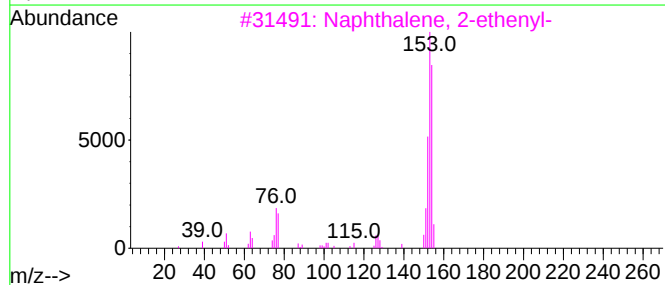
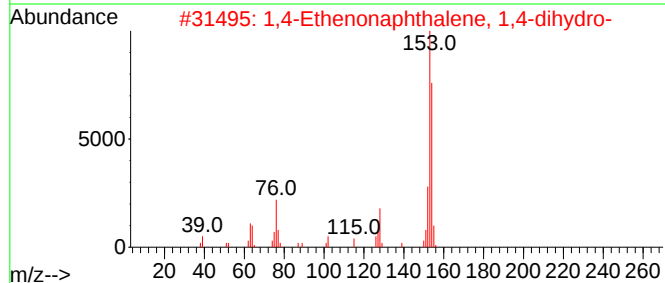
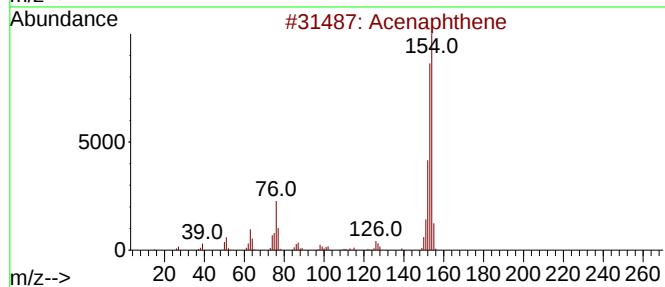
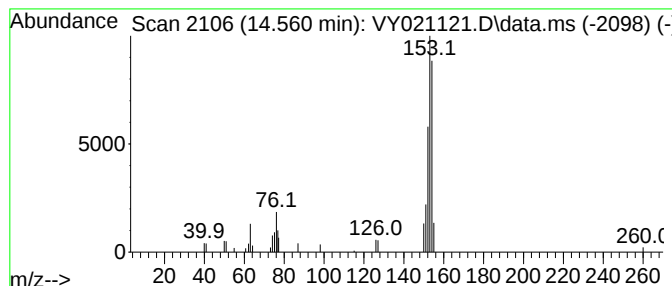
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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.
14.560	14.79 ug/l	41828	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	68
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
4			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	50
5			Acenaphthylene, 5-bromo-1,2-dihy...	232	C12H9Br	002051-98-1	50



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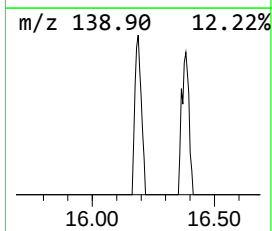
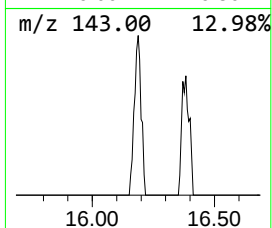
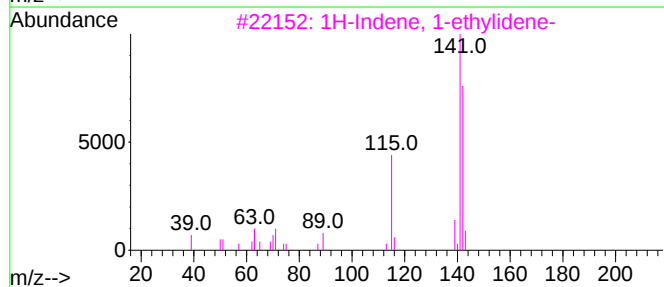
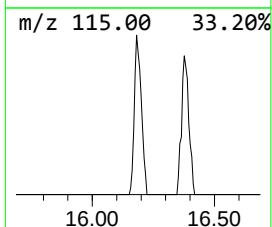
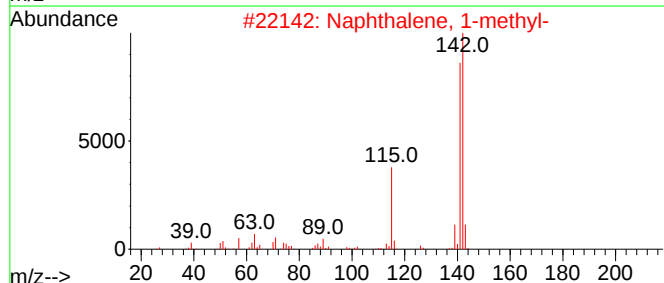
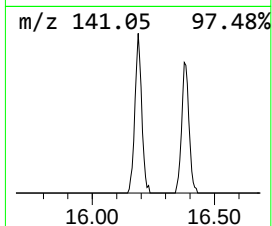
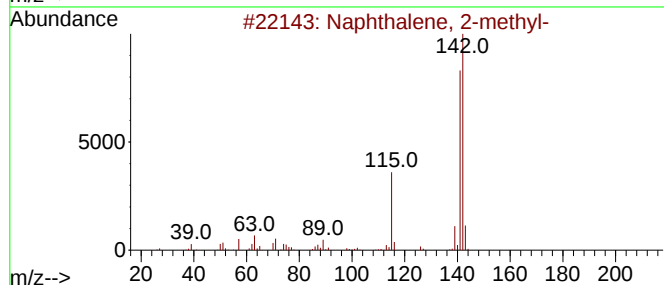
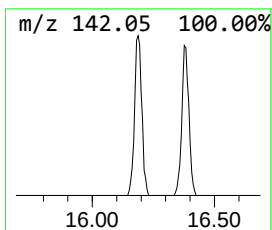
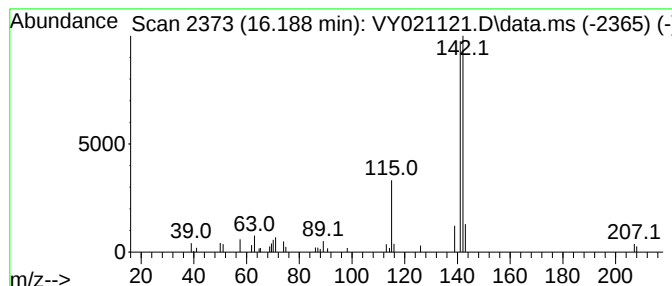
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Peak Number 2 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.188	8.81 ug/l	24928	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



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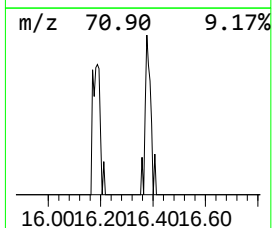
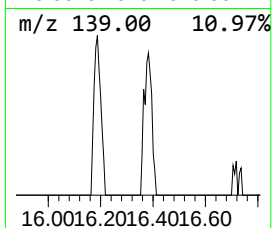
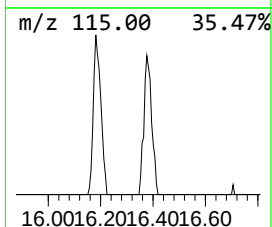
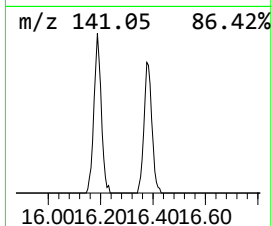
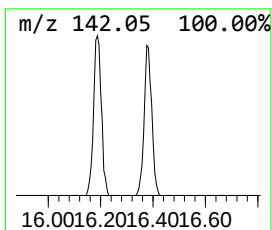
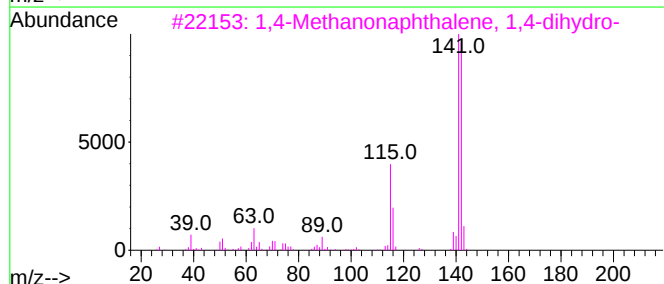
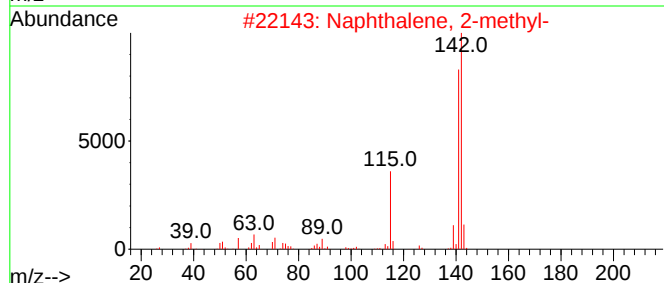
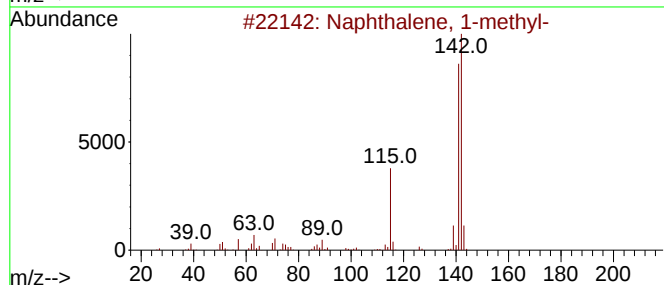
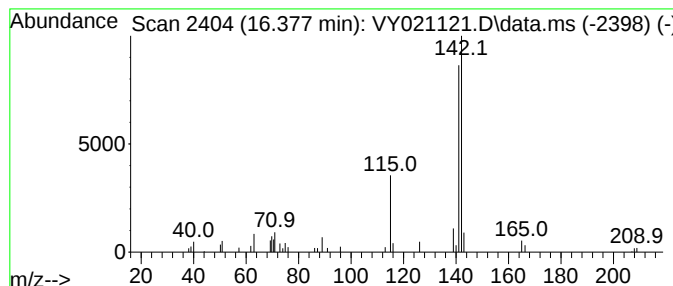
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Quant Title : SW846 8260

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.377	8.68 ug/l	24542	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acenaphthene	14.560	14.8	ug/l	41828	4	13.353	141429	50.0
Naphthalene, 2-...	16.188	8.8	ug/l	24928	4	13.353	141429	50.0
Naphthalene, 1-...	16.377	8.7	ug/l	24542	4	13.353	141429	50.0