

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021120.D
 Acq On : 06 Feb 2025 18:42
 Operator : SY/MD
 Sample : Q1309-07
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-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: VY021120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.896	836	849	865	rBV2	15892	52083	3.73%	0.628%
2	7.640	961	971	977	rBV2	200649	480107	34.40%	5.792%
3	7.713	977	983	996	rVB	307014	697724	49.99%	8.418%
4	8.061	1029	1040	1053	rBV2	180105	436836	31.30%	5.270%
5	8.615	1121	1131	1142	rBV	509404	1019245	73.02%	12.297%
6	10.109	1368	1376	1386	rBV	824275	1395826	100.00%	16.840%
7	10.511	1435	1442	1451	rBV	23842	42606	3.05%	0.514%
8	10.877	1497	1502	1514	rBV2	12192	21301	1.53%	0.257%
9	11.249	1558	1563	1569	rBV3	12650	25133	1.80%	0.303%
10	11.347	1574	1579	1582	rVV7	8258	20277	1.45%	0.245%
11	11.420	1584	1591	1605	rVB	801950	1309960	93.85%	15.804%
12	12.407	1743	1753	1766	rBV	625473	1005881	72.06%	12.136%
13	12.633	1778	1790	1791	rBV7	10411	22472	1.61%	0.271%
14	13.352	1900	1908	1915	rBV	707549	1079155	77.31%	13.020%
15	13.553	1936	1941	1946	rBV	17881	26268	1.88%	0.317%
16	14.127	2022	2035	2046	rVB8	8469	32904	2.36%	0.397%
17	14.559	2097	2106	2120	rVV3	42962	149938	10.74%	1.809%
18	15.151	2194	2203	2210	rBV	88546	152040	10.89%	1.834%
19	15.230	2210	2216	2226	rVV2	9071	16750	1.20%	0.202%
20	16.187	2365	2373	2381	rBV	74366	141635	10.15%	1.709%
21	16.382	2394	2405	2418	rBV	57476	125093	8.96%	1.509%
22	16.718	2449	2460	2471	rBV3	9596	35416	2.54%	0.427%

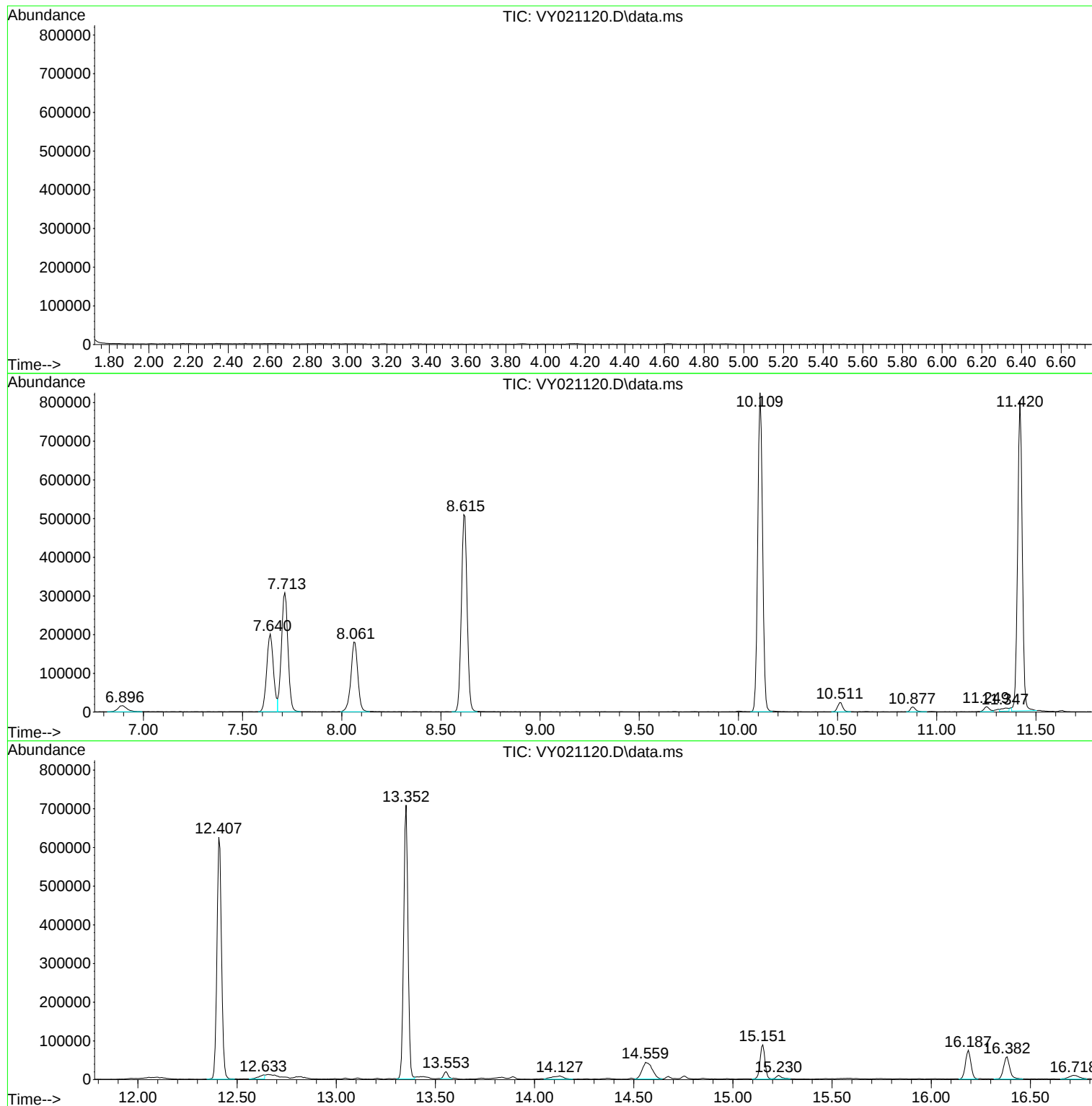
Sum of corrected areas: 8288650

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Quant Title : SW846 8260

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



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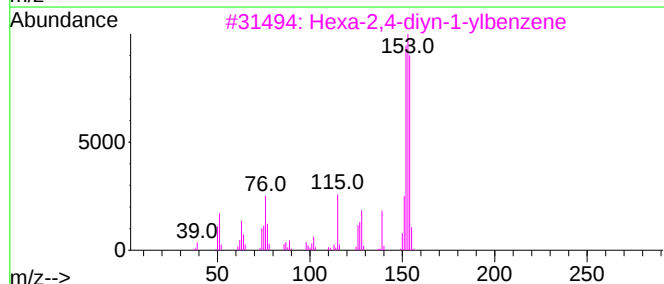
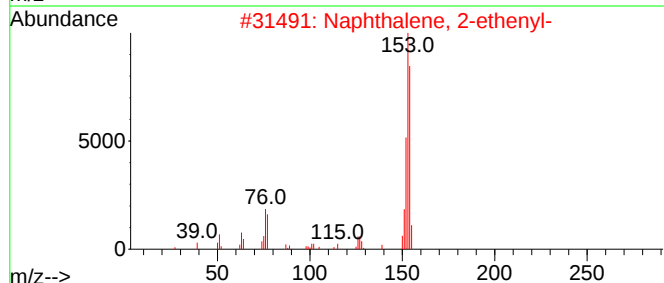
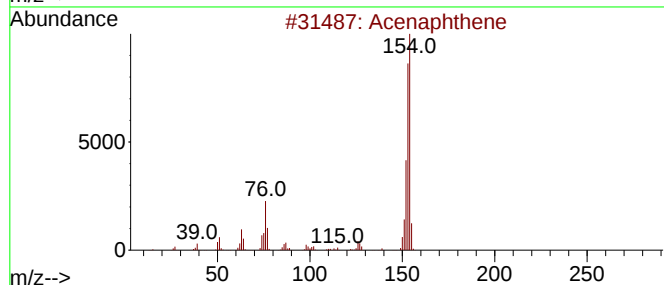
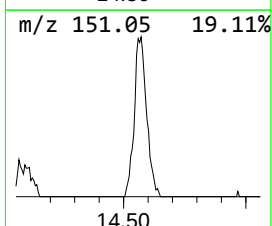
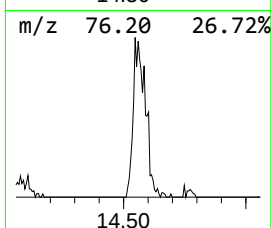
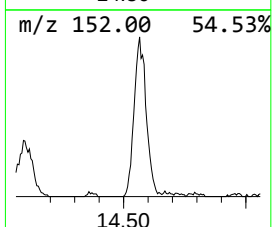
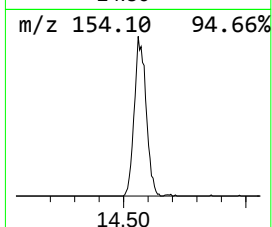
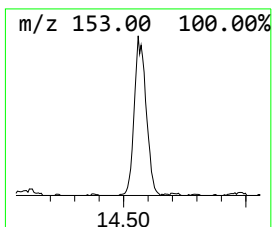
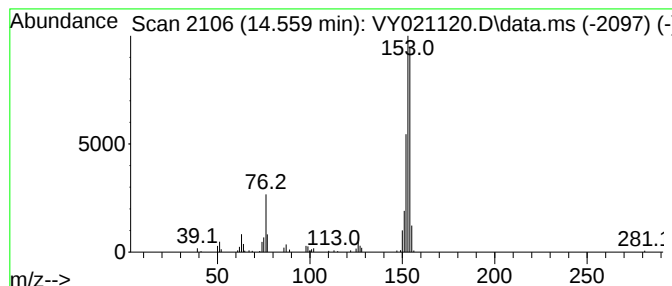
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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.
14.559	6.95 ug/l	149938	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	64
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	47
5			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47



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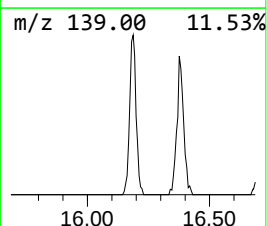
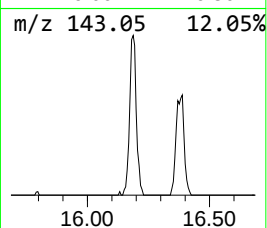
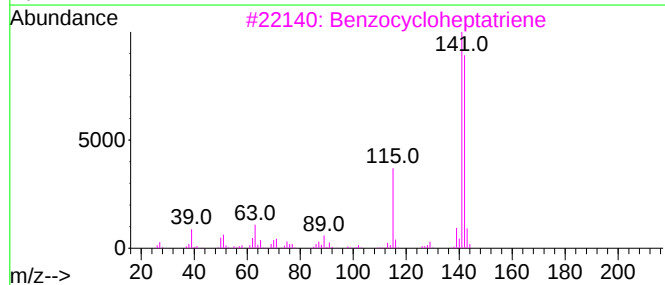
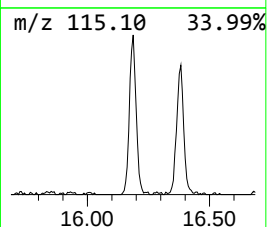
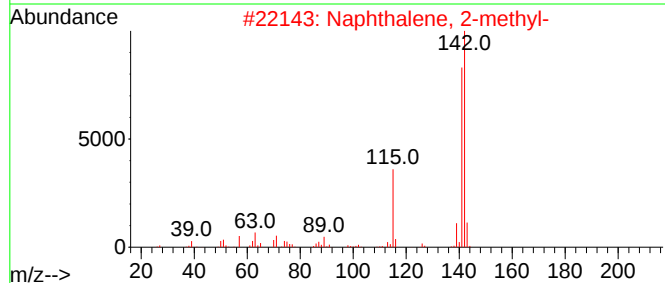
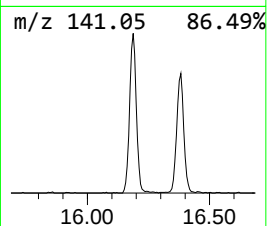
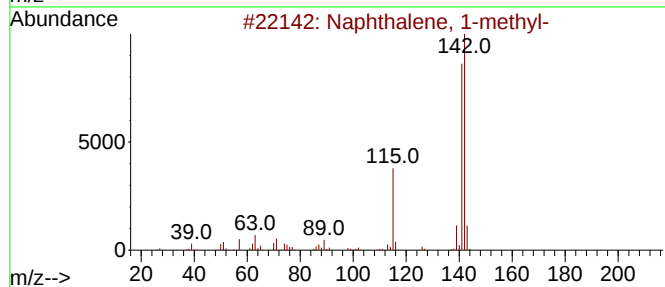
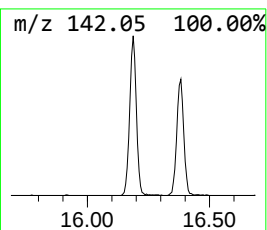
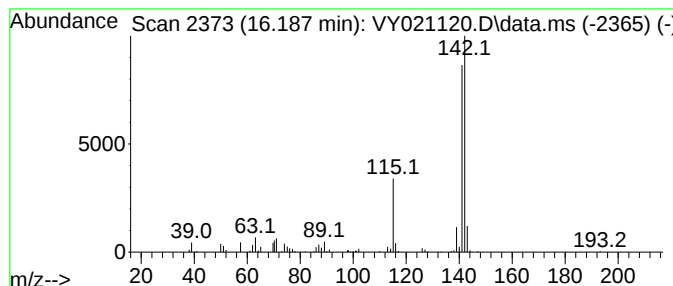
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.187	6.56 ug/l	141635	1,4-Dichlorobenzene-d4	13.352

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			Benzocycloheptatriene	142	C11H10	000264-09-5	90
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



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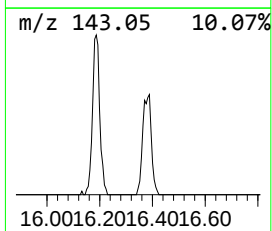
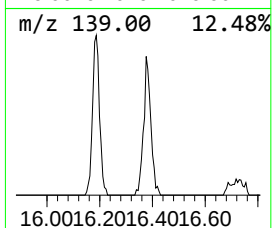
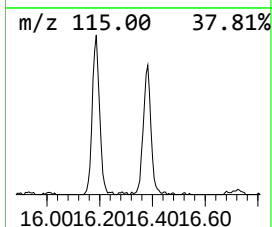
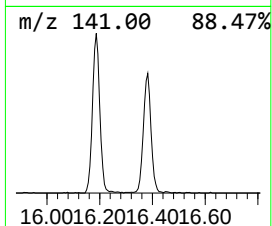
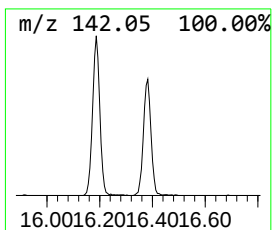
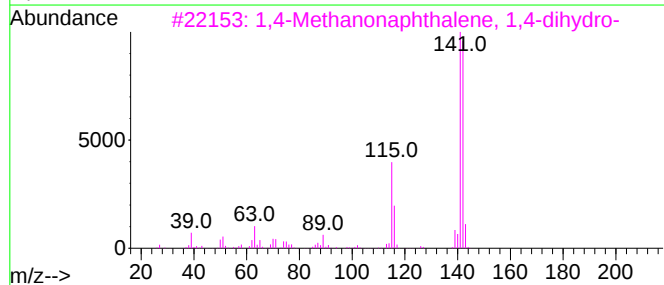
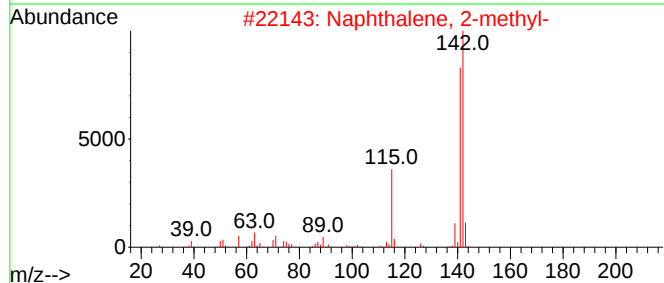
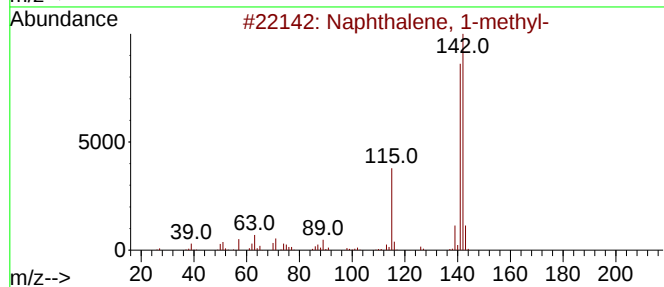
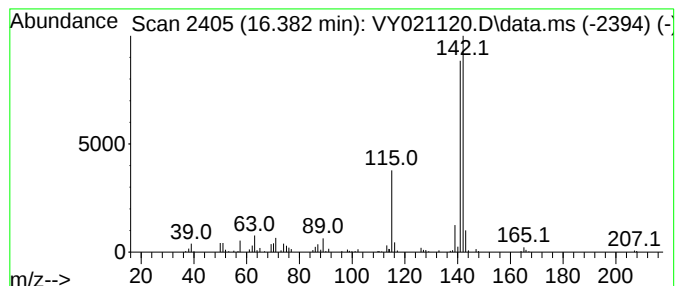
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Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.382	5.80 ug/l	125093	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
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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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acenaphthene	14.559	7.0	ug/l	149938	4	13.352	1079160	50.0
Naphthalene, 1-...	16.187	6.6	ug/l	141635	4	13.352	1079160	50.0
Naphthalene, 2-...	16.382	5.8	ug/l	125093	4	13.352	1079160	50.0