

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016333.D
 Acq On : 13 Nov 2023 19:16
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

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\82Y110823S.M
 Title : SW846 8260

Signal : TIC: VY016333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.735	468	478	494	rBV2	15807	50632	8.30%	0.973%
2	5.777	639	649	658	rBV4	6569	19981	3.28%	0.384%
3	7.734	960	970	976	rBV	82681	197110	32.32%	3.787%
4	7.807	976	982	993	rVB	143654	316050	51.83%	6.073%
5	8.161	1023	1040	1051	rBV2	89454	228829	37.52%	4.397%
6	8.709	1121	1130	1141	rBV	216375	435581	71.43%	8.370%
7	10.197	1367	1374	1386	rVB	359153	609820	100.00%	11.718%
8	10.593	1432	1439	1452	rVB	81966	152742	25.05%	2.935%
9	10.971	1494	1501	1510	rBV3	8455	25149	4.12%	0.483%
10	11.331	1556	1560	1566	rVB	7279	11941	1.96%	0.229%
11	11.508	1581	1589	1599	rVB	333109	549638	90.13%	10.561%
12	12.349	1722	1727	1732	rBV6	8528	18529	3.04%	0.356%
13	12.453	1735	1744	1745	rVV6	11315	32119	5.27%	0.617%
14	12.495	1745	1751	1773	rVB2	327594	589426	96.66%	11.326%
15	12.684	1779	1782	1788	rVB2	4996	8262	1.35%	0.159%
16	12.825	1800	1805	1815	rVB8	4750	12149	1.99%	0.233%
17	12.983	1823	1831	1846	rVB5	21651	89086	14.61%	1.712%
18	13.136	1851	1856	1863	rVV6	7476	19939	3.27%	0.383%
19	13.440	1899	1906	1915	rBV	338366	526908	86.40%	10.124%
20	13.605	1925	1933	1935	rBV2	6892	12015	1.97%	0.231%
21	13.642	1935	1939	1943	rVV	8630	12844	2.11%	0.247%
22	13.690	1943	1947	1949	rBV2	5516	8647	1.42%	0.166%
23	13.977	1988	1994	2001	rBV3	28606	51597	8.46%	0.991%
24	14.044	2001	2005	2008	rVV2	6097	9655	1.58%	0.186%
25	14.093	2008	2013	2019	rVB	18330	30502	5.00%	0.586%
26	14.306	2038	2048	2052	rBV	13665	24438	4.01%	0.470%
27	14.391	2059	2062	2066	rBV2	6076	8290	1.36%	0.159%
28	14.532	2081	2085	2088	rBV4	4644	6408	1.05%	0.123%
29	14.574	2088	2092	2097	rVV	18626	31527	5.17%	0.606%
30	14.623	2097	2100	2105	rVB3	7483	10981	1.80%	0.211%
31	14.696	2105	2112	2117	rBV3	36219	78710	12.91%	1.512%
32	14.745	2117	2120	2127	rVB5	12040	23032	3.78%	0.443%
33	14.843	2131	2136	2142	rVV2	21426	32646	5.35%	0.627%
34	14.916	2144	2148	2149	rVV4	7172	8406	1.38%	0.162%
35	14.952	2150	2154	2158	rVV3	21776	41069	6.73%	0.789%
36	14.995	2158	2161	2166	rVV3	10934	16519	2.71%	0.317%

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37	15.068	2166	2173	2179	rVB4	22718	45954	7.54%	0.883%
38	15.245	2193	2202	2207	rBV	24672	55543	9.11%	1.067%
39	15.306	2207	2212	2218	rBV3	30112	74363	12.19%	1.429%
40	15.538	2243	2250	2256	rBV	23457	48645	7.98%	0.935%
41	15.617	2259	2263	2268	rVV4	6579	12542	2.06%	0.241%
42	15.702	2268	2277	2279	rVV5	18841	46324	7.60%	0.890%
43	15.739	2279	2283	2292	rVV2	51292	100051	16.41%	1.922%
44	15.830	2293	2298	2303	rVV4	11197	21233	3.48%	0.408%
45	15.897	2303	2309	2325	rVB4	18158	58555	9.60%	1.125%
46	16.050	2326	2334	2340	rBV	33513	69847	11.45%	1.342%
47	16.245	2356	2366	2370	rBV3	34291	78117	12.81%	1.501%
48	16.306	2370	2376	2388	rVB	65115	135522	22.22%	2.604%
49	16.501	2401	2408	2415	rBV	49793	115729	18.98%	2.224%
50	16.556	2415	2417	2423	rVV4	8779	14972	2.46%	0.288%
51	16.641	2423	2431	2439	rVB7	9056	25750	4.22%	0.495%

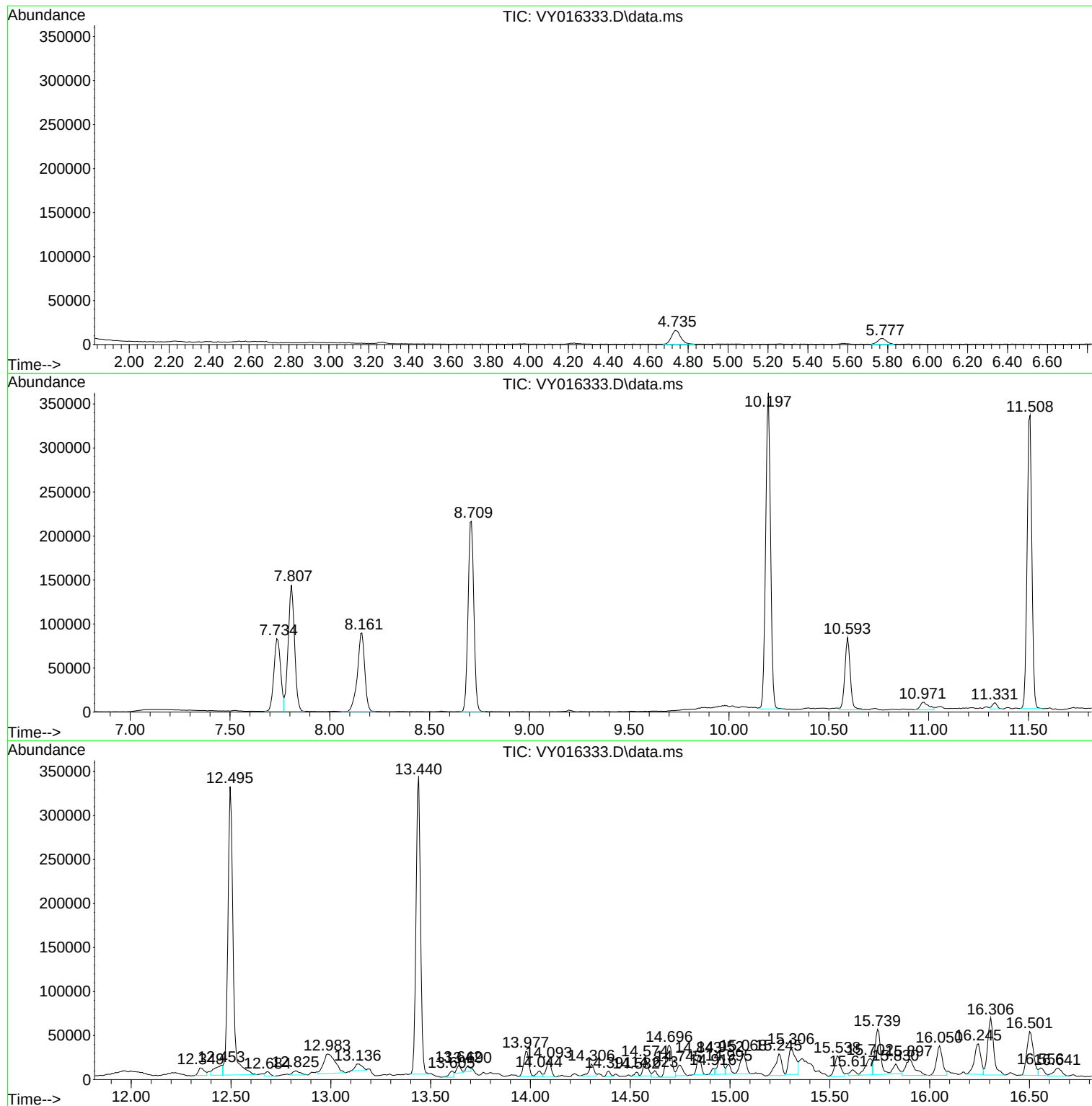
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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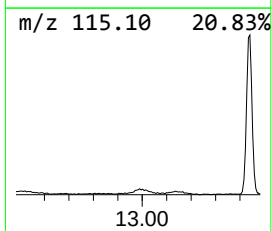
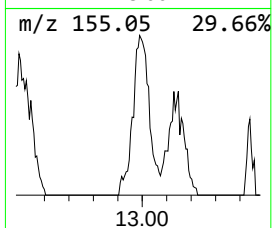
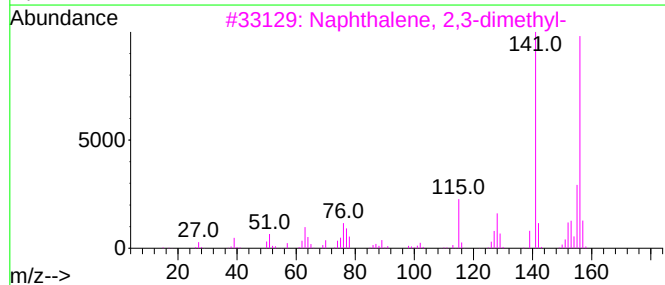
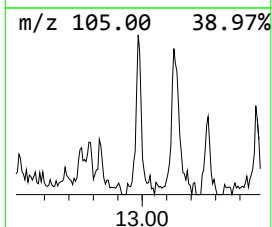
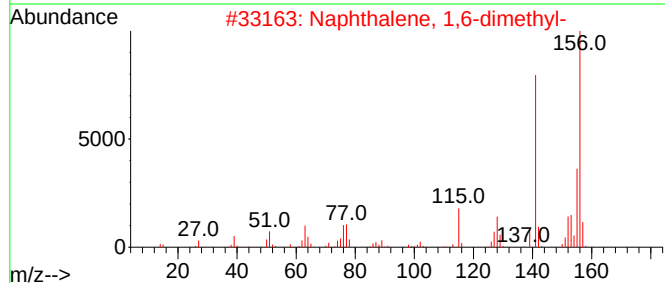
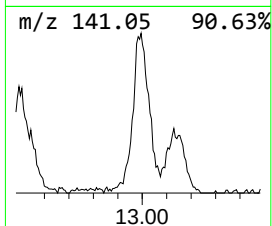
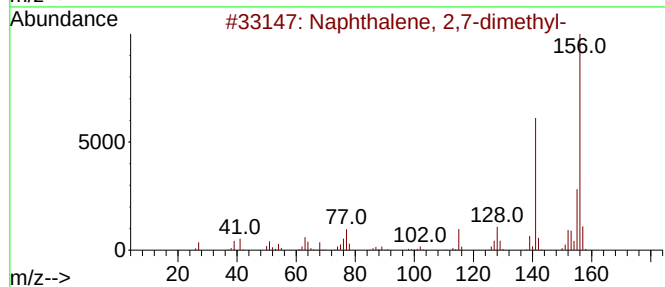
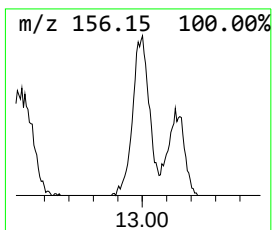
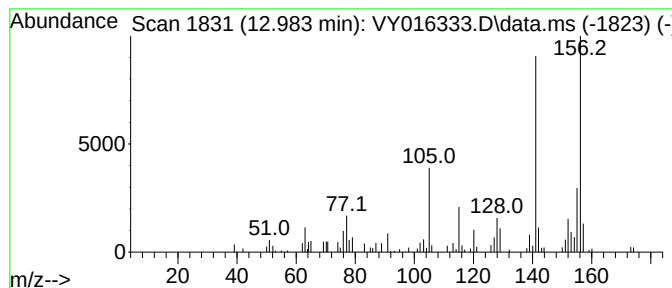
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	8.45 ug/l	89086	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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Instrument :
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ClientSampleId :
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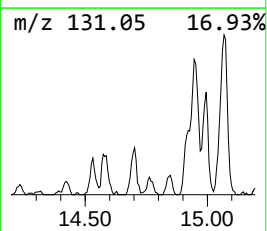
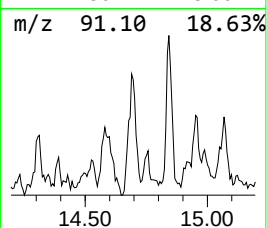
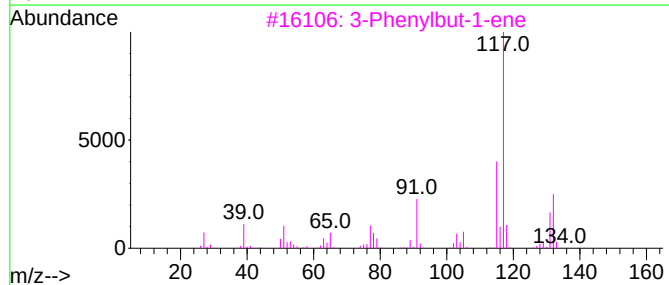
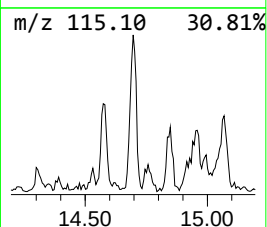
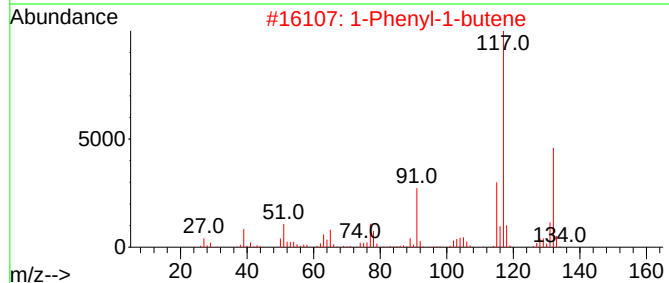
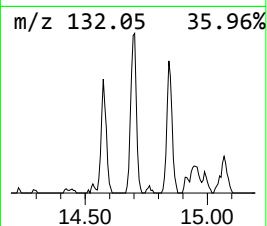
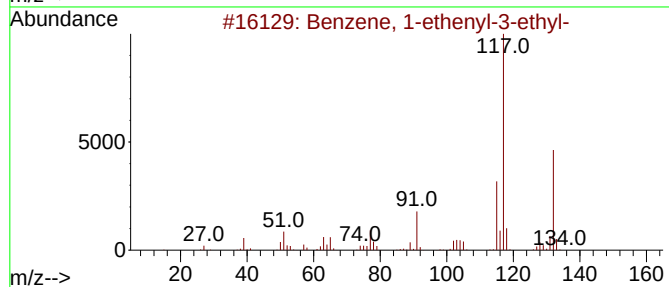
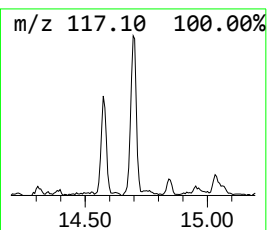
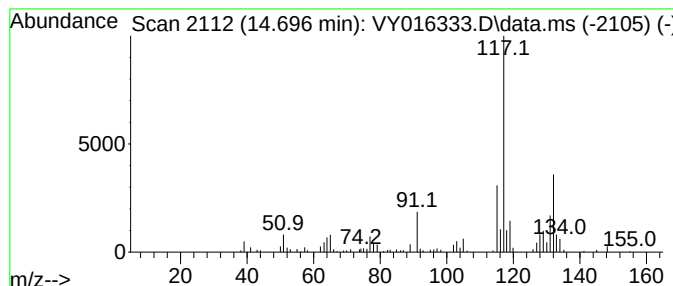
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	7.47 ug/l	78710	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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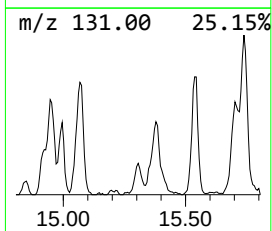
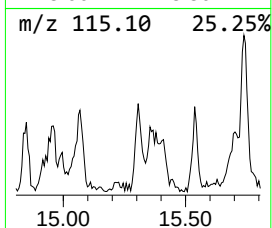
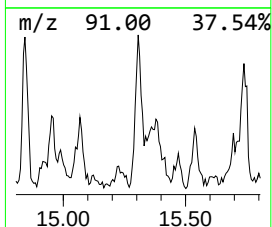
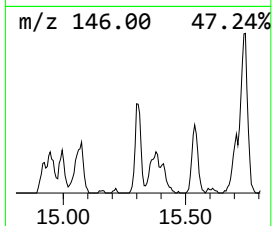
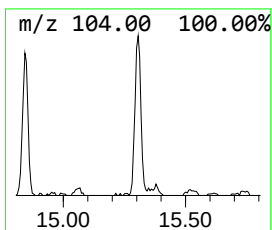
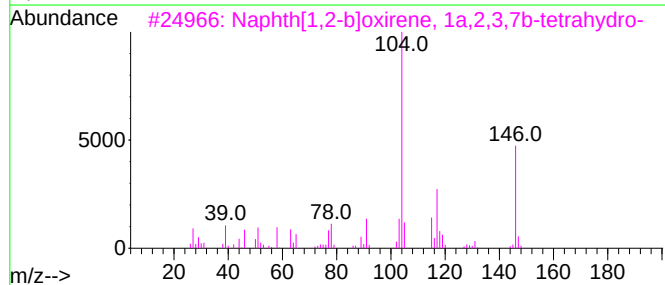
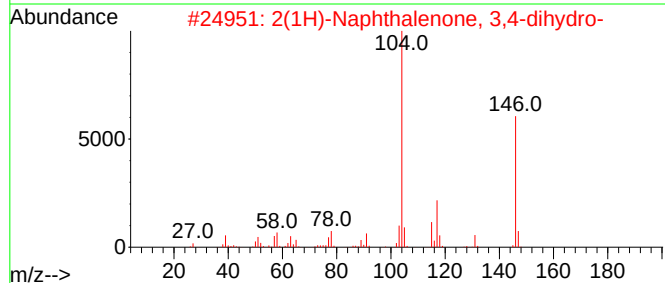
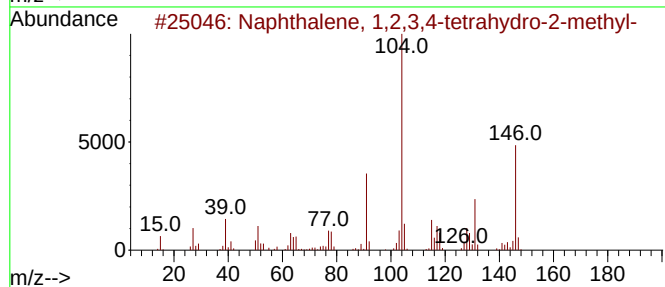
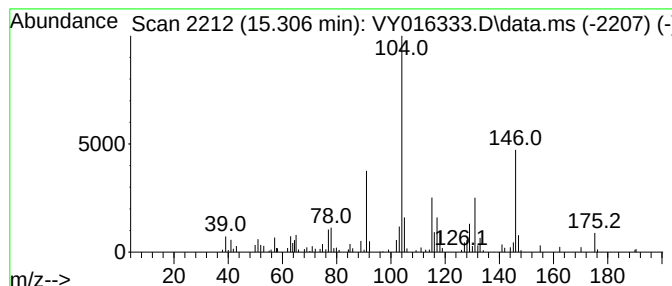
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.306	7.06 ug/l	74363	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5			1H-Indole, 7-methoxy-	147	C9H9NO	003189-22-8	38



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ClientSampleId :
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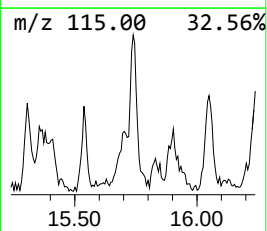
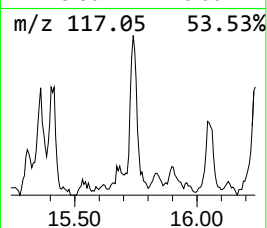
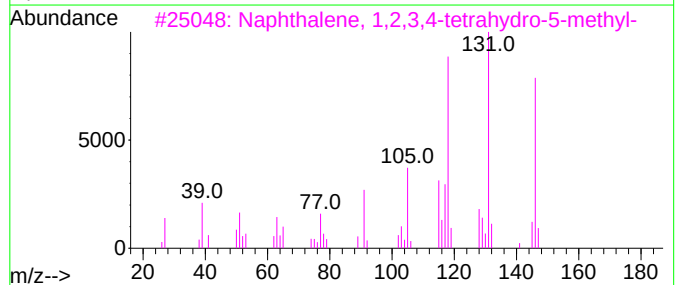
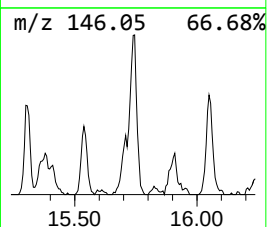
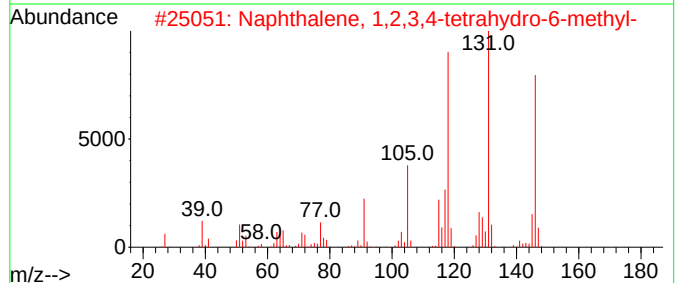
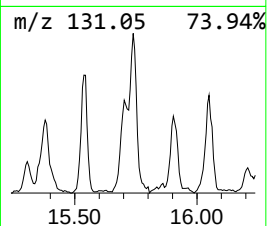
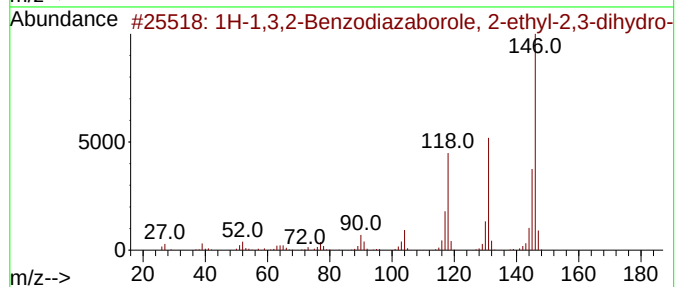
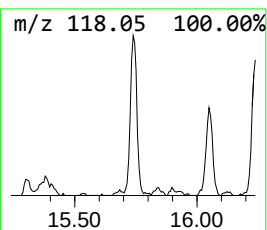
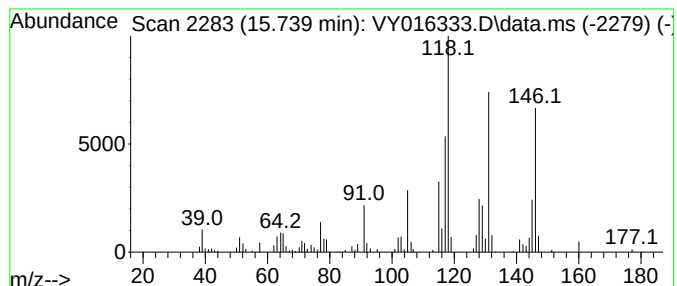
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Quant Title : SW846 8260

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

Peak Number 6 1H-1,3,2-Benzodiazaborole, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	9.49 ug/l	100051	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	86		
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81		
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70		
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	62		
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	49		



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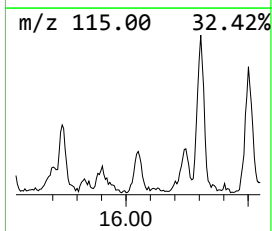
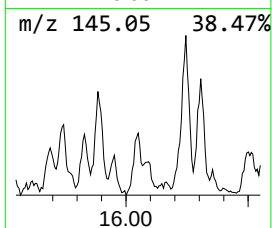
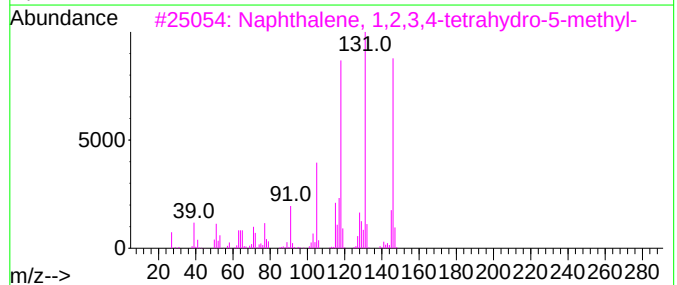
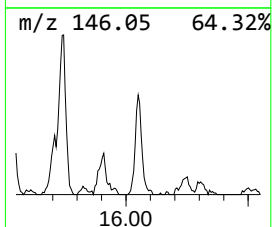
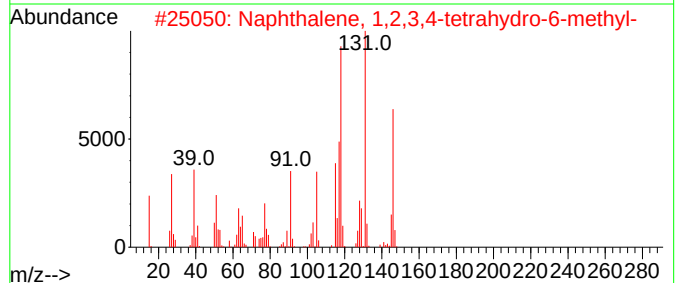
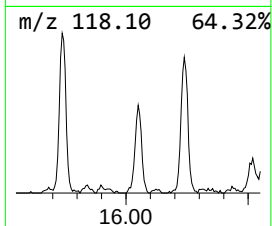
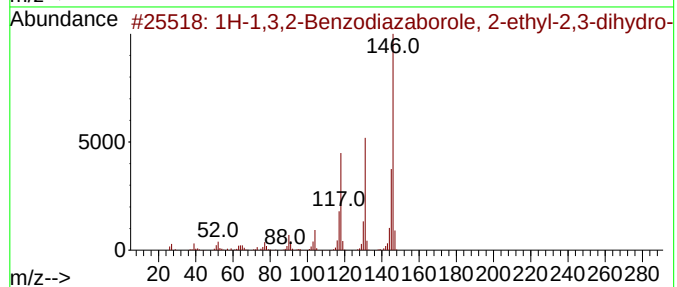
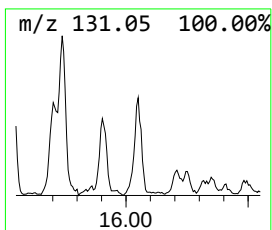
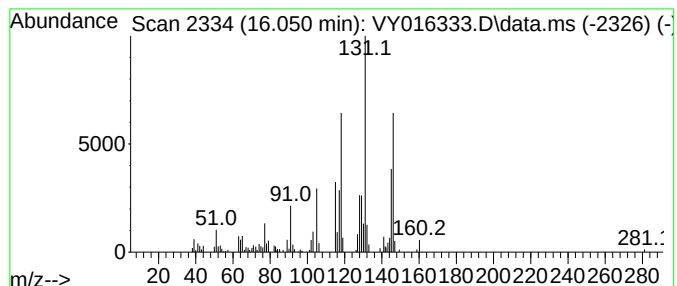
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.050	6.63 ug/l	69847	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4			2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	58
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016333.D
Acq On : 13 Nov 2023 19:16
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLK

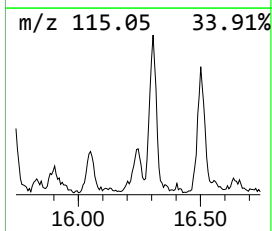
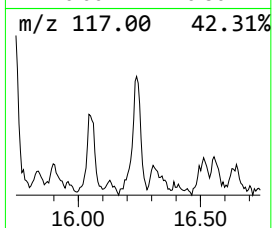
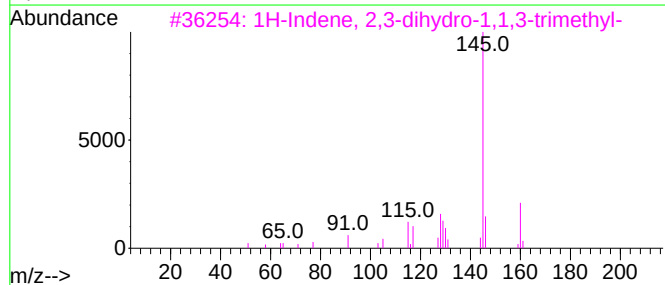
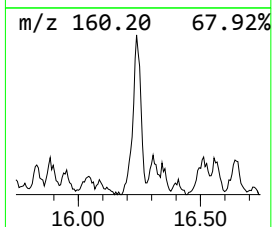
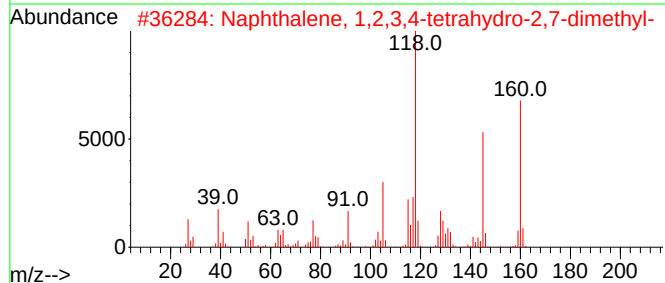
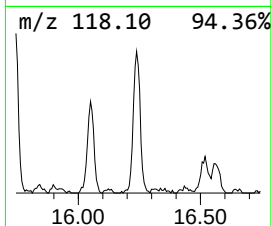
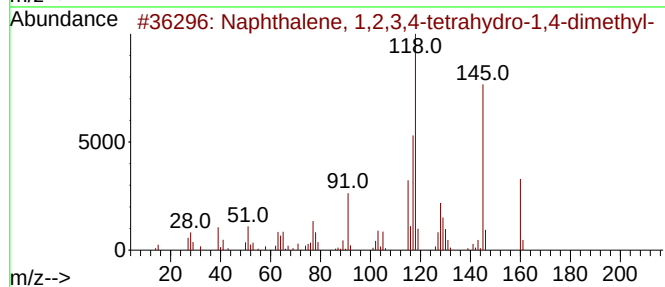
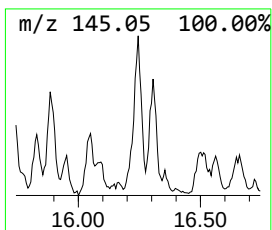
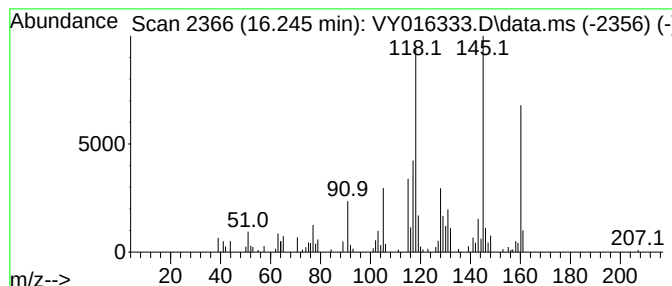
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.245	7.41 ug/l	78117	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016333.D
Acq On : 13 Nov 2023 19:16
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLK

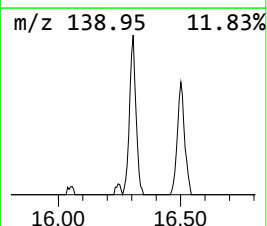
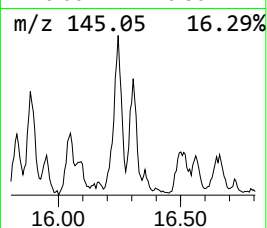
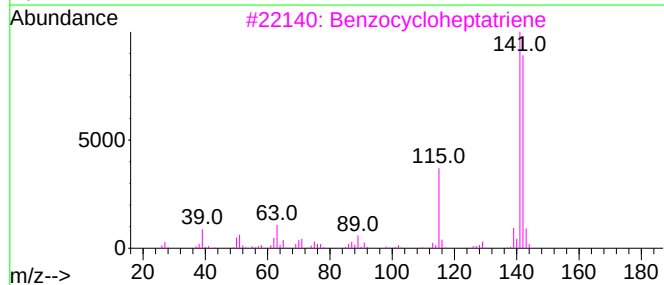
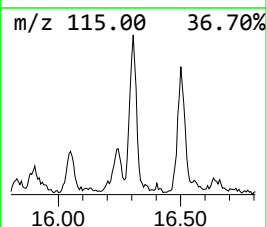
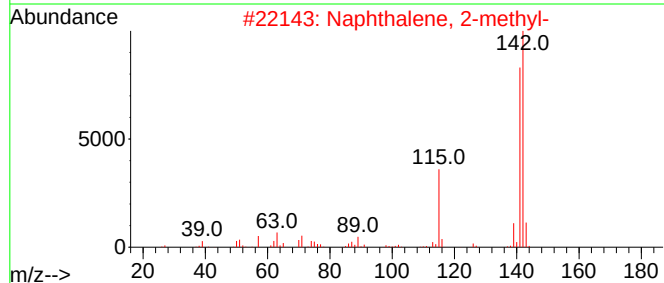
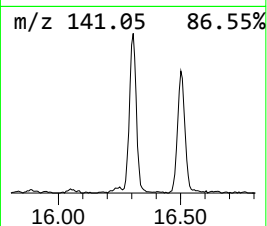
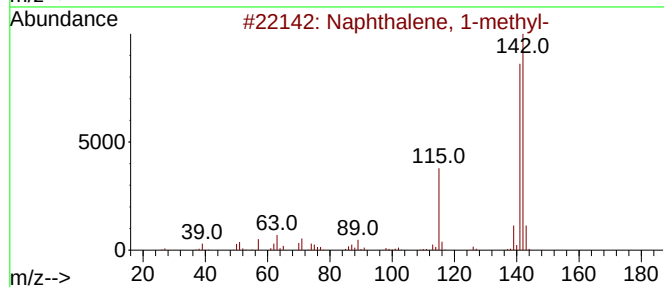
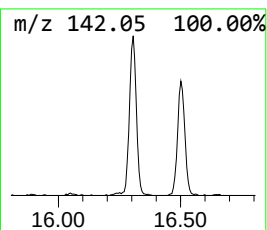
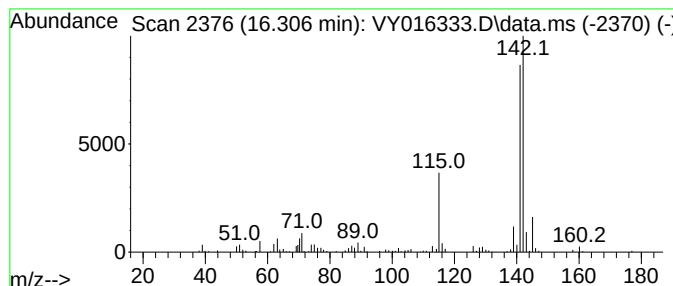
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.306	12.86 ug/l	135522	1,4-Dichlorobenzene-d4	13.440

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	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	93
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016333.D
Acq On : 13 Nov 2023 19:16
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	12.983	8.4	ug/l	89086	4	13.440	526908	50.0
Benzene, 1-ethe...	14.696	7.5	ug/l	78710	4	13.440	526908	50.0
Naphthalene, 1,...	15.306	7.1	ug/l	74363	4	13.440	526908	50.0
1H-1,3,2-Benzod...	15.739	9.5	ug/l	100051	4	13.440	526908	50.0
Naphthalene, 1,...	16.050	6.6	ug/l	69847	4	13.440	526908	50.0
Naphthalene, 1,...	16.245	7.4	ug/l	78117	4	13.440	526908	50.0
Naphthalene, 1-...	16.306	12.9	ug/l	135522	4	13.440	526908	50.0