LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.075	76	80	94	rBV	1981839	2451470	100.00%	14.675%
2	2.623	330	334	340	rVB	16072	27753	1.13%	0.166%
3	4.794	682	690	702	rVB2	13117	41953	1.71%	0.251%
4	5.178	740	753	762	rBV	27565	84391	3.44%	0.505%
5	5.513	795	808	823	rBV	273928	786694	32.09%	4.709%
6	5.672	823	834	852	rVV	303458	855009	34.88%	5.118%
7	6.074	890	900	916	rBV	304893	794270	32.40%	4.755%
8	6.867	1020	1030	1051	rBV	468085	1118868	45.64%	6.698%
9	8.659	1318	1324	1328	rBV	197920	310824	12.68%	1.861%
10	8.720	1328	1334	1341	rVV	1340439	2121582	86.54%	12.700%
11	8.787	1341	1345	1352	rVB	59699	100002	4.08%	0.599%
12	9.317	1427	1432	1440	rBV	24932	42012	1.71%	0.251%
13	10.116	1554	1563	1574	rBV	918133	1293405	52.76%	7.742%
14	10.360	1597	1603	1612	rVB	23493	35985	1.47%	0.215%
15	10.701	1655	1659	1665	rBV	65928	88042	3.59%	0.527%
16	11.140	1726	1731	1744	rVB	1119117	1480934	60.41%	8.865%
17	11.671	1815	1818	1823	rVB	19157	25170	1.03%	0.151%
18	12.085	1880	1886	1892	rBV	1025457	1313040	53.56%	7.860%
19	12.146	1892	1896	1902	rVB	59834	72476	2.96%	0.434%
20	12.305	1919	1922	1929	rVB2	35935	52672	2.15%	0.315%
21	12.378	1929	1934	1941	rVB3	17986	31396	1.28%	0.188%
22	12.670	1977	1982	1986	rBV	28079	35985	1.47%	0.215%
23	12.762	1992	1997	2005	rBV3	20905	41453	1.69%	0.248%
24	12.908	2016	2021	2026	rVB2	23965	33350	1.36%	0.200%
25	12.981	2029	2033	2036	rBV	21544	27972	1.14%	0.167%
26	13.024	2036	2040	2044	rVB	21656	26791	1.09%	0.160%
27	13.109	2044	2054	2055	rBV7	15504	31720	1.29%	0.190%
28	13.158	2055	2062	2067	rVV5	26597	87266	3.56%	0.522%
29	13.231	2071	2074	2077	rVB3	18534	24619	1.00%	0.147%
30	13.353	2089	2094	2099	rVB2	120049	162830	6.64%	0.975%
31	13.487	2111	2116	2123	rBV	87929	112800	4.60%	0.675%
32	13.646	2138	2142	2148	rVB3	32559	58572	2.39%	0.351%
33	13.725	2153	2155	2161	rVB2	40103	54346	2.22%	0.325%
34	13.841	2171	2174	2180	rVB2	24464	36899	1.51%	0.221%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Title : SW846 8260

35	13.920	2182	2187	2192	rVB	41519	63537	2.59%	0.380%
36	13.993	2192	2199	2203	rBV2	67977	104593	4.27%	0.626%
37	14.140	2218	2223	2226	rBV	36715	45742	1.87%	0.274%
38	14.292	2241	2248	2255	rBV2	102508	206833	8.44%	1.238%
39	14.384	2259	2263	2267	rBV	34037	40919	1.67%	0.245%
40	14.438	2267	2272	2276	rVB	82517	98065	4.00%	0.587%
41	14.548	2284	2290	2295	rBV2	148862	212677	8.68%	1.273%
42	14.682	2303	2312	2314	rBV	71230	115699	4.72%	0.693%
43	14.737	2318	2321	2326	rVB	60697	77177	3.15%	0.462%
44	14.792	2326	2330	2334	rBV2	24947	36450	1.49%	0.218%
45	14.847	2335	2339	2342	rVV2	40339	57982	2.37%	0.347%
46	14.883	2342	2345	2348	rVV2	51733	75708	3.09%	0.453%
47	14.914	2348	2350	2355	rVV2	39374	45604	1.86%	0.273%
48	14.969	2355	2359	2367	rVV3	45244	93573	3.82%	0.560%
49	15.054	2367	2373	2377	rVB6	12826	27004	1.10%	0.162%
50	15.121	2380	2384	2388	rVB2	23993	33582	1.37%	0.201%
51	15.255	2402	2406	2414	rVB2	112434	225109	9.18%	1.348%
52	15.328	2414	2418	2425	rVB5	29599	48045	1.96%	0.288%
53	15.450	2433	2438	2442	rBV3	50253	83907	3.42%	0.502%
54	15.554	2448	2455	2460	rBV2	125165	215361	8.78%	1.289%
55	15.603	2460	2463	2468	rVB2	30451	49241	2.01%	0.295%
56	15.694	2473	2478	2482	rVV	150920	260164	10.61%	1.557%
57	15.731	2482	2484	2492	rVB	97046	143234	5.84%	0.857%
58	15.926	2513	2516	2522	rVB2	50377	84430	3.44%	0.505%
59	16.072	2535	2540	2545	rBV4	27821	56790	2.32%	0.340%
60	16.182	2552	2558	2563	rBV	41888	76252	3.11%	0.456%
61	16.286	2567	2575	2581	rVB5	19752	57193	2.33%	0.342%
62	16.450	2600	2602	2610	rVB	26406	34034	1.39%	0.204%
63	16.523	2610	2614	2619	rVB2	15561	26373	1.08%	0.158%
64	16.664	2628	2637	2639	rBV9	17568	41387	1.69%	0.248%
65	16.700	2639	2643	2648	rVB2	29752	53267	2.17%	0.319%
66	16.761	2648	2653	2657	rBV2	28862	52786	2.15%	0.316%

Sum of corrected areas: 16705269

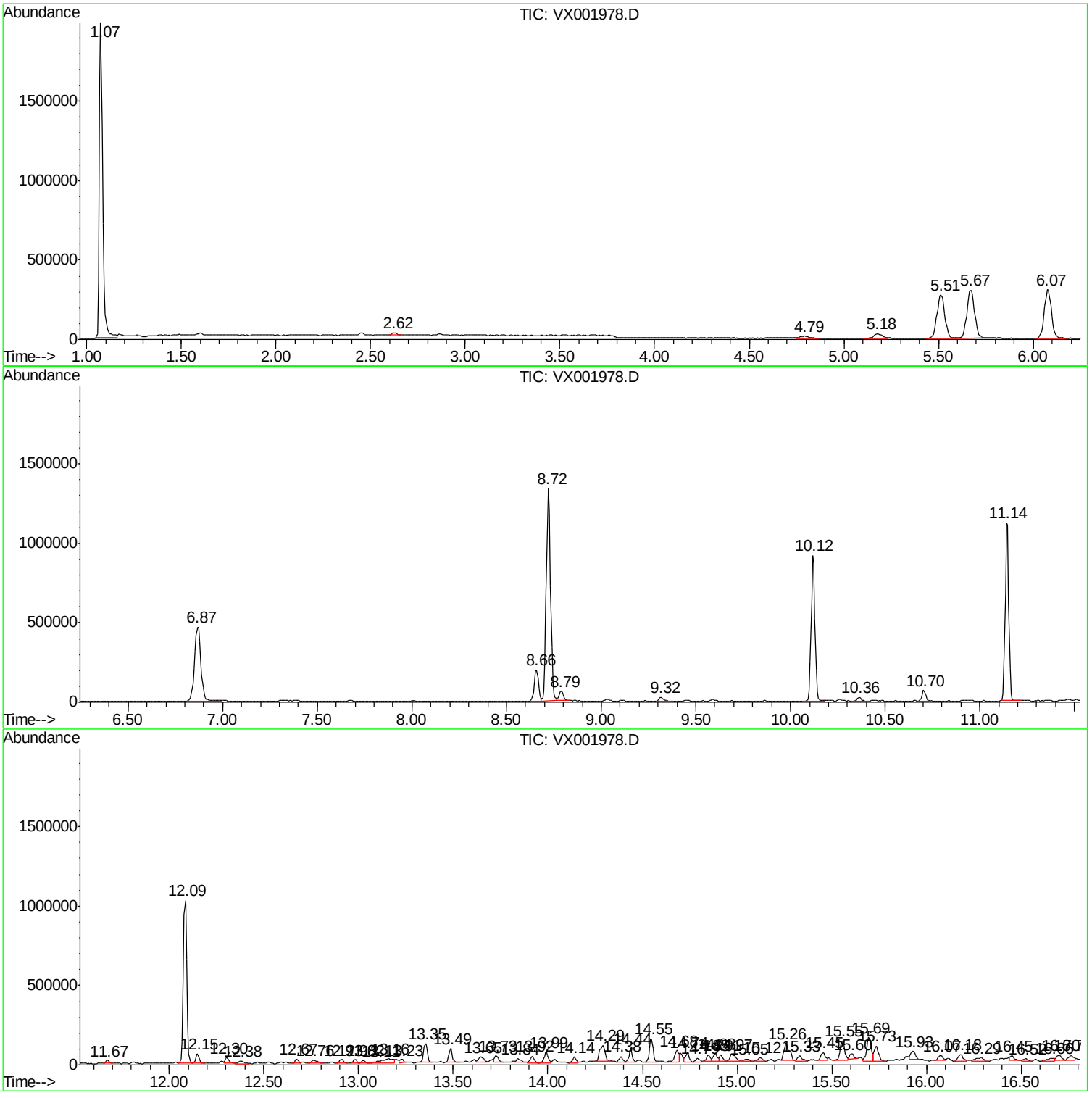
LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

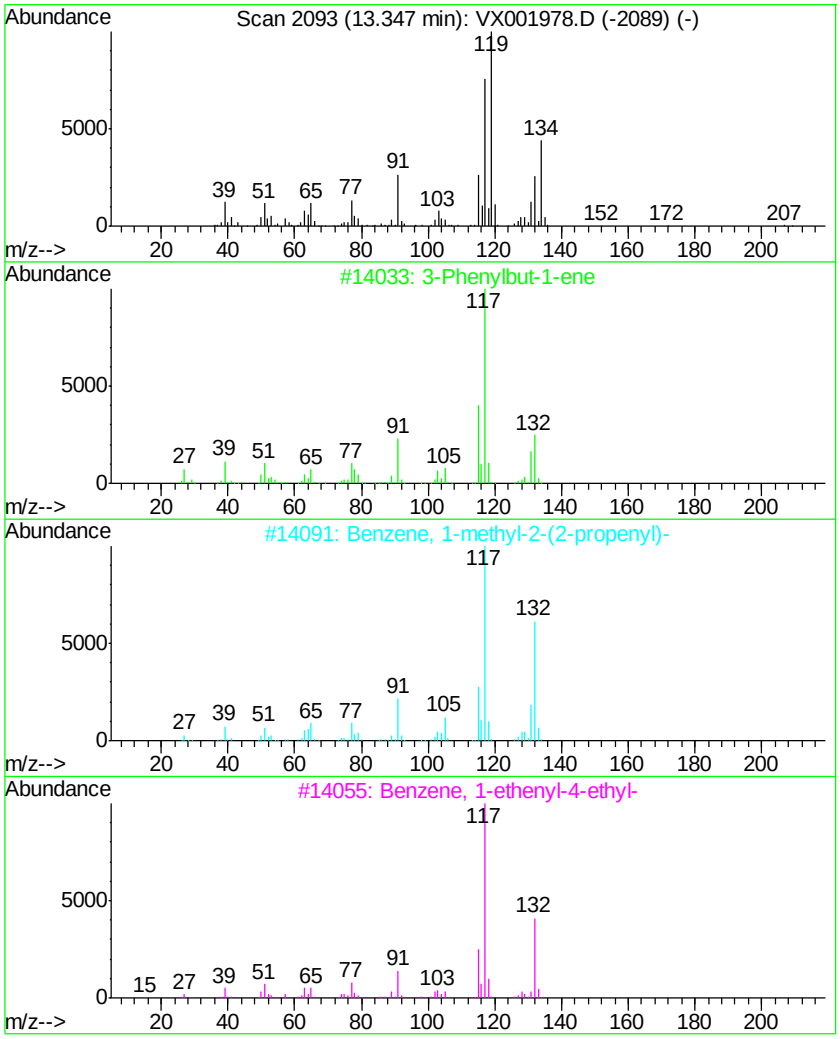
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

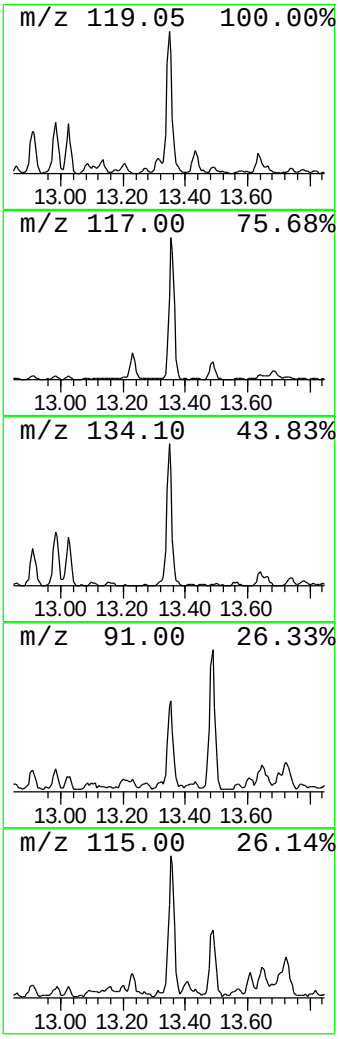
****

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	6.20 ug/l	162830	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

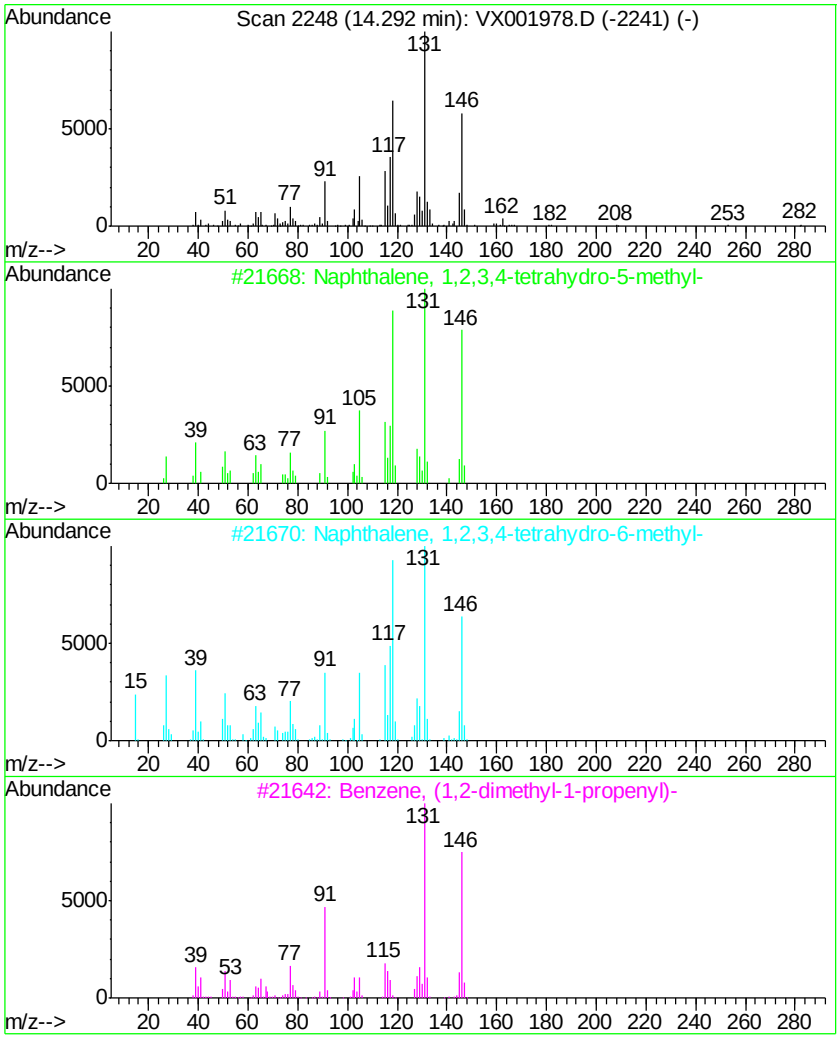
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

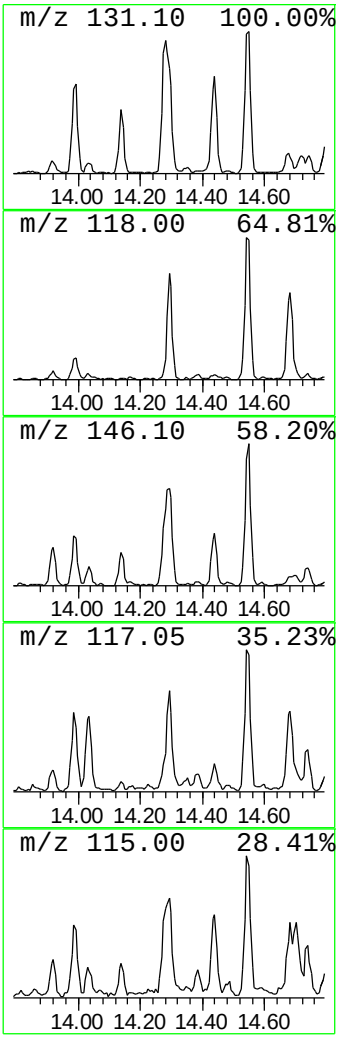
****

Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.88 ug/l	206833	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	74
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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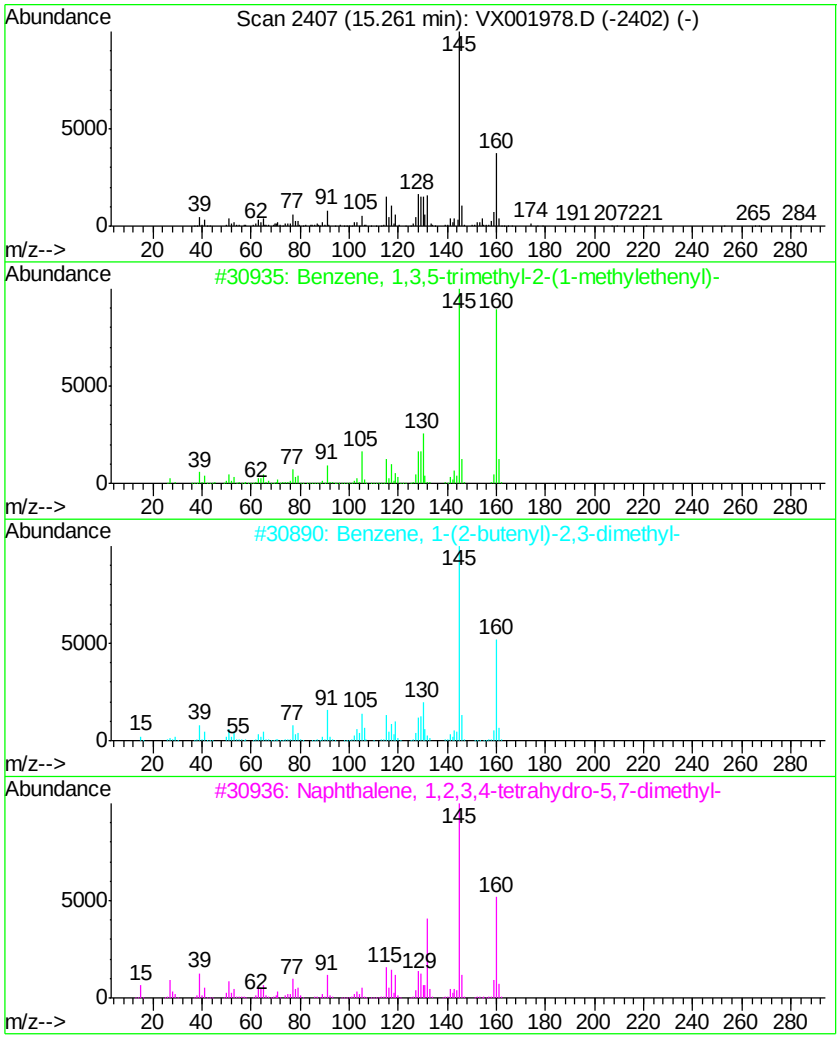
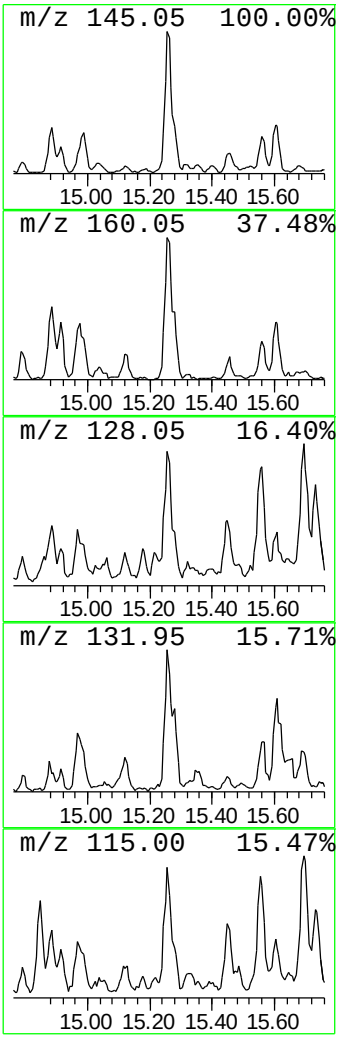
Peak Number 5 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	8.57 ug/l	225109	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	96
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	89
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	89
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

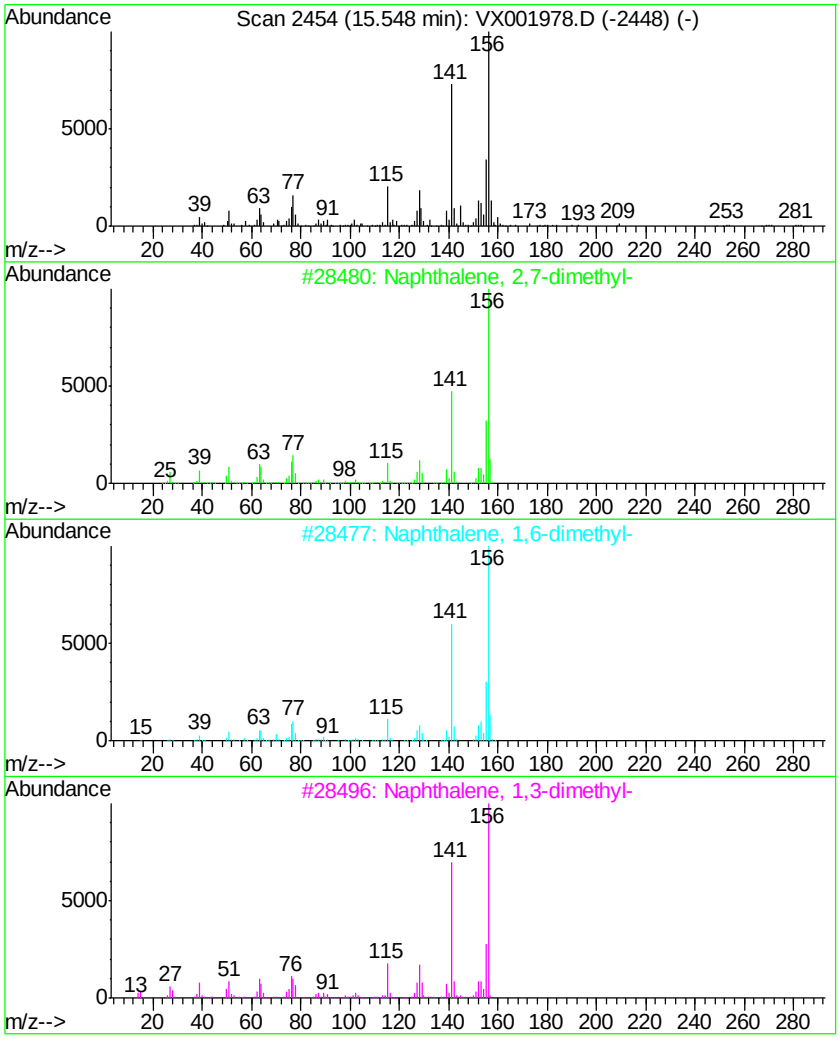
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

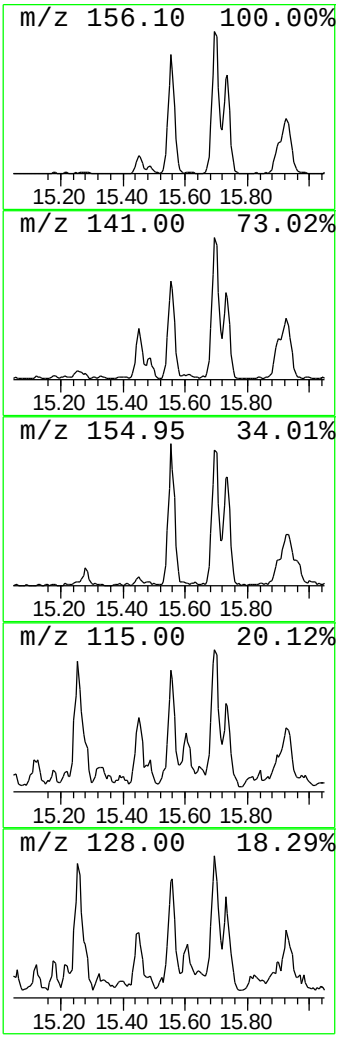
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	8.20 ug/l	215361	1,4-Dichlorobenzene-d4	12.09

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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

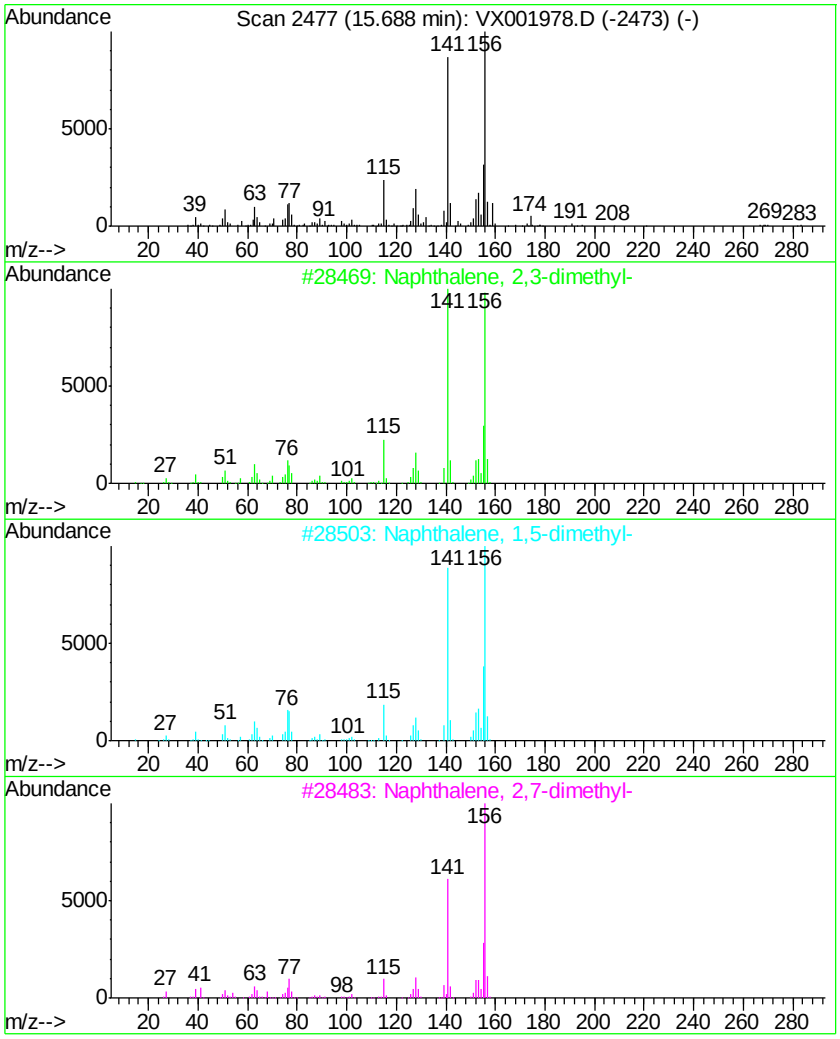
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

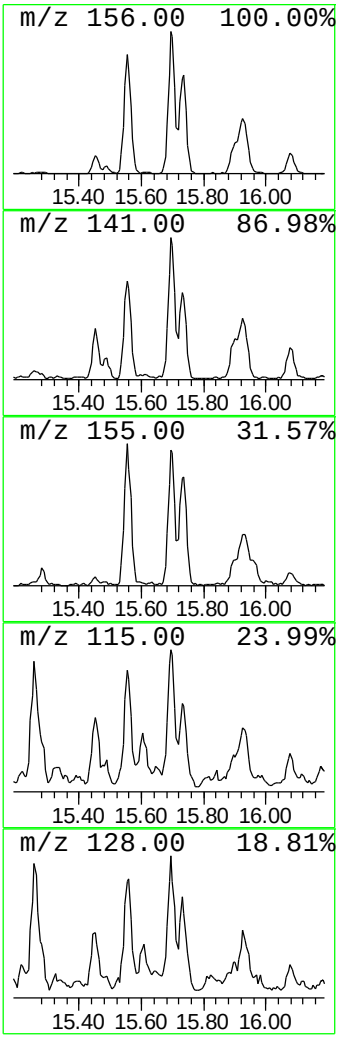
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	9.91 ug/l	260164	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

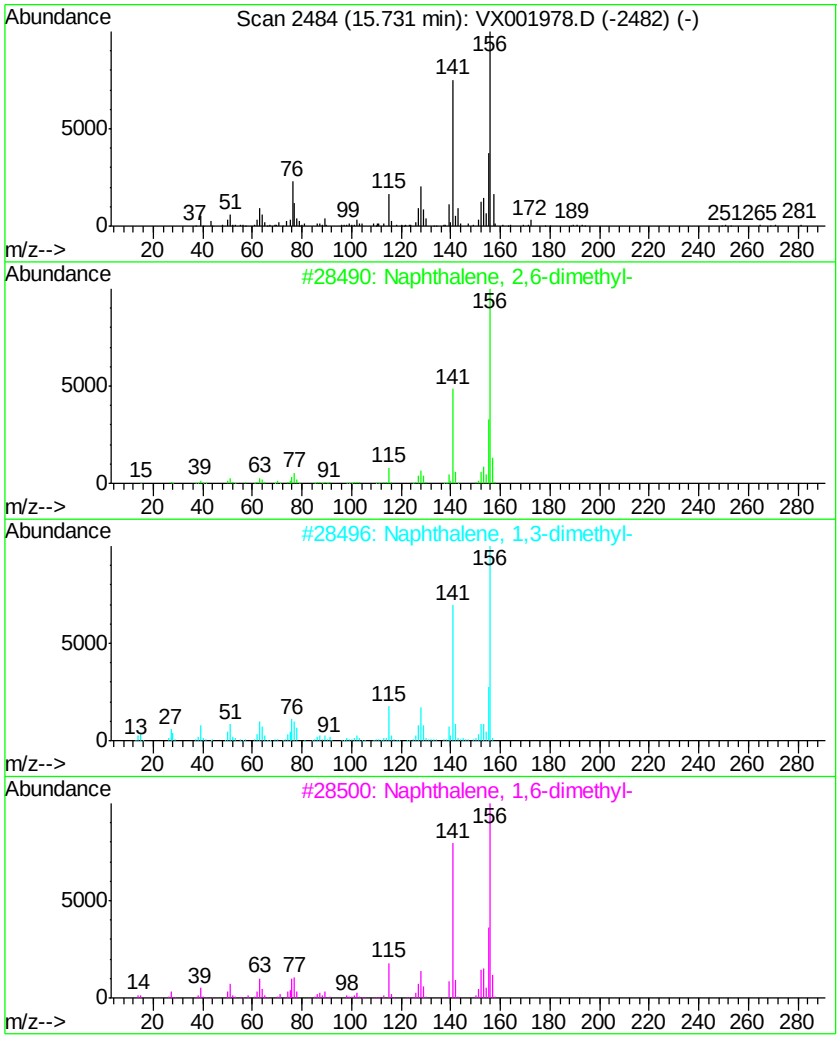
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

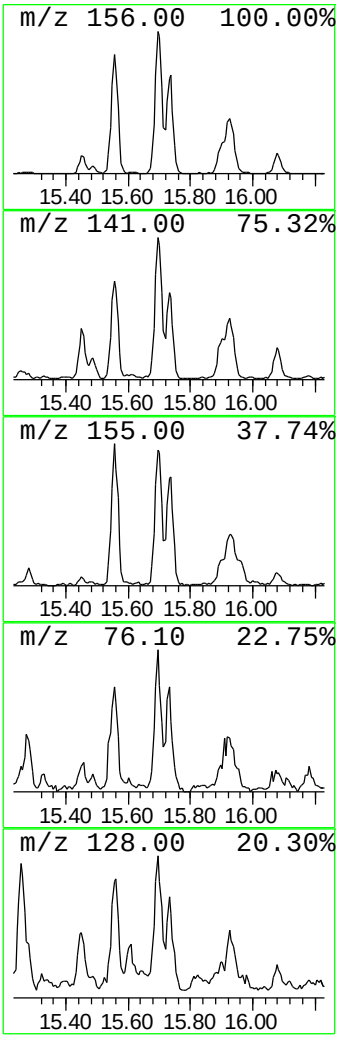
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	5.45 ug/l	143234	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Phenylbut-1-ene	13.35	6.2	ug/l	162830	4	12.09	1313040	50.0
Naphthalene, 1,2,...	14.29	7.9	ug/l	206833	4	12.09	1313040	50.0
Benzene, 1,3,5-tr...	15.26	8.6	ug/l	225109	4	12.09	1313040	50.0
Naphthalene, 2,7-...	15.55	8.2	ug/l	215361	4	12.09	1313040	50.0
Naphthalene, 2,3-...	15.69	9.9	ug/l	260164	4	12.09	1313040	50.0
Naphthalene, 2,6-...	15.73	5.5	ug/l	143234	4	12.09	1313040	50.0