LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.987	46	51	72	rBV	5588206	10669828	19.75%	4.643%
2	5.228	416	432	436	rBV	7049514	28412279	52.59%	12.363%
3	7.781	851	866	876	rBV2	6042197	27871248	51.58%	12.128%
4	7.981	876	900	904	rVV	7529645	45754254	84.68%	19.910%
5	8.334	932	960	964	rBV	7652211	54030681	100.00%	23.511%
6	9.057	1078	1083	1094	rVB	1034628	1726946	3.20%	0.751%
7	9.345	1125	1132	1139	rVB	492691	824203	1.53%	0.359%
8	9.657	1179	1185	1191	rVV	346642	615419	1.14%	0.268%
9	9.722	1191	1196	1211	rVB2	234663	562068	1.04%	0.245%
10	10.257	1280	1287	1295	rBV	329288	588400	1.09%	0.256%
11	10.551	1321	1337	1338	rBV4	6223045	22864698	42.32%	9.949%
12	10.657	1349	1355	1361	rBV	387828	572982	1.06%	0.249%
13	11.051	1408	1422	1428	rBV	5898930	15992059	29.60%	6.959%
14	11.245	1446	1455	1462	rBV	1966993	3481365	6.44%	1.515%
15	11.451	1480	1490	1499	rBV	500193	861883	1.60%	0.375%
16	12.663	1692	1696	1703	rVB	407613	630070	1.17%	0.274%
17	13.274	1793	1800	1807	rBV	1333865	2049915	3.79%	0.892%
18	13.886	1894	1904	1909	rBV	646527	1227852	2.27%	0.534%
19	14.169	1946	1952	1959	rBV	757703	1111113	2.06%	0.483%
20	14.480	1998	2005	2017	rVB2	451100	728481	1.35%	0.317%
21	15.468	2166	2173	2179	rBV	967551	1400174	2.59%	0.609%
22	17.221	2464	2471	2477	rBV	590502	826607	1.53%	0.360%
23	17.315	2481	2487	2497	rBV2	1007485	1490026	2.76%	0.648%
24	19.615	2871	2878	2888	rBV	1243775	1759805	3.26%	0.766%
25	21.403	3176	3182	3187	rBV	764335	1007829	1.87%	0.439%
26	23.556	3541	3548	3561	rVB	876316	1787457	3.31%	0.778%
27	23.703	3566	3573	3584	rVB	481841	961141	1.78%	0.418%

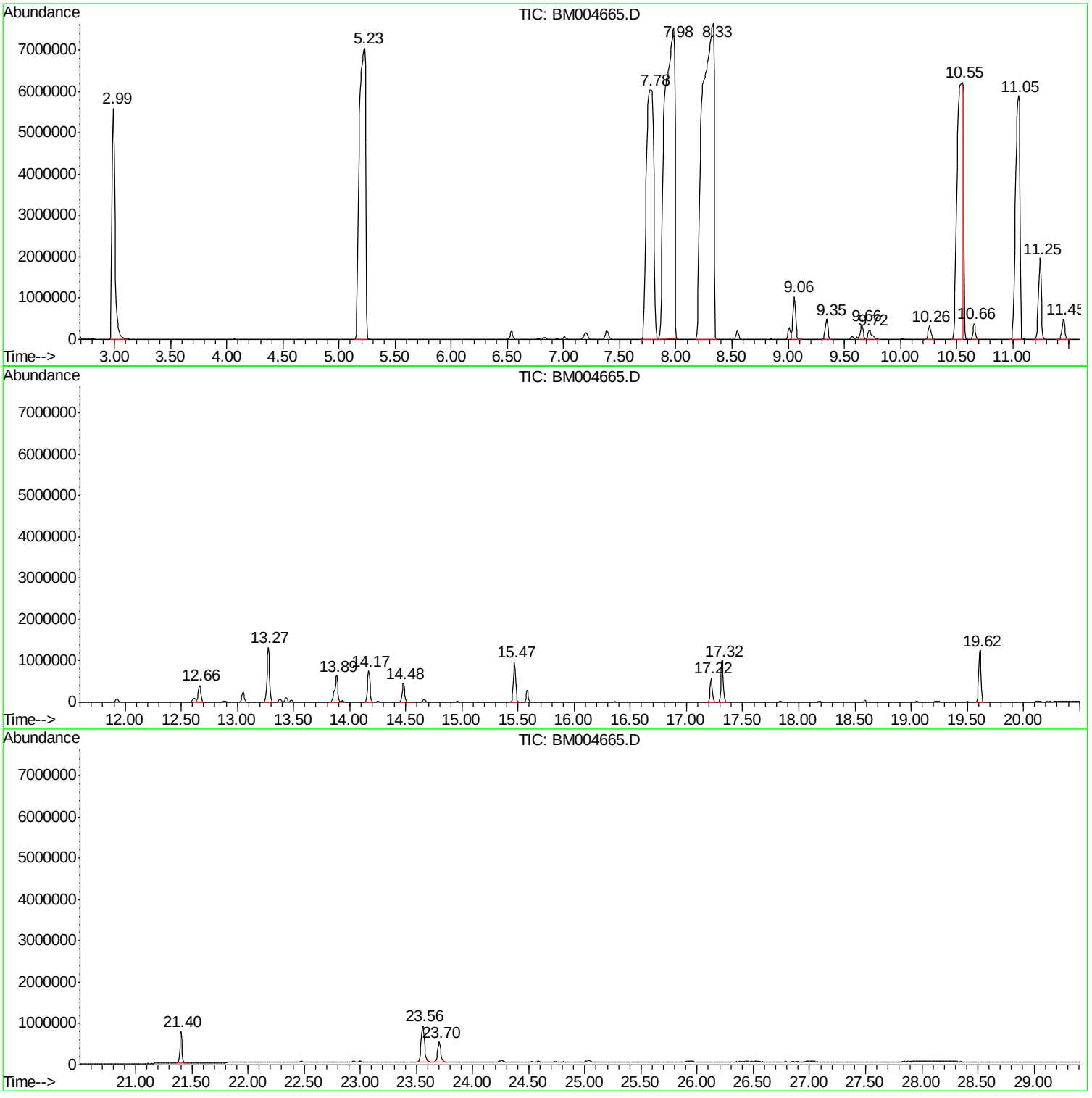
Sum of corrected areas: 229808783

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
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Misc :
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Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

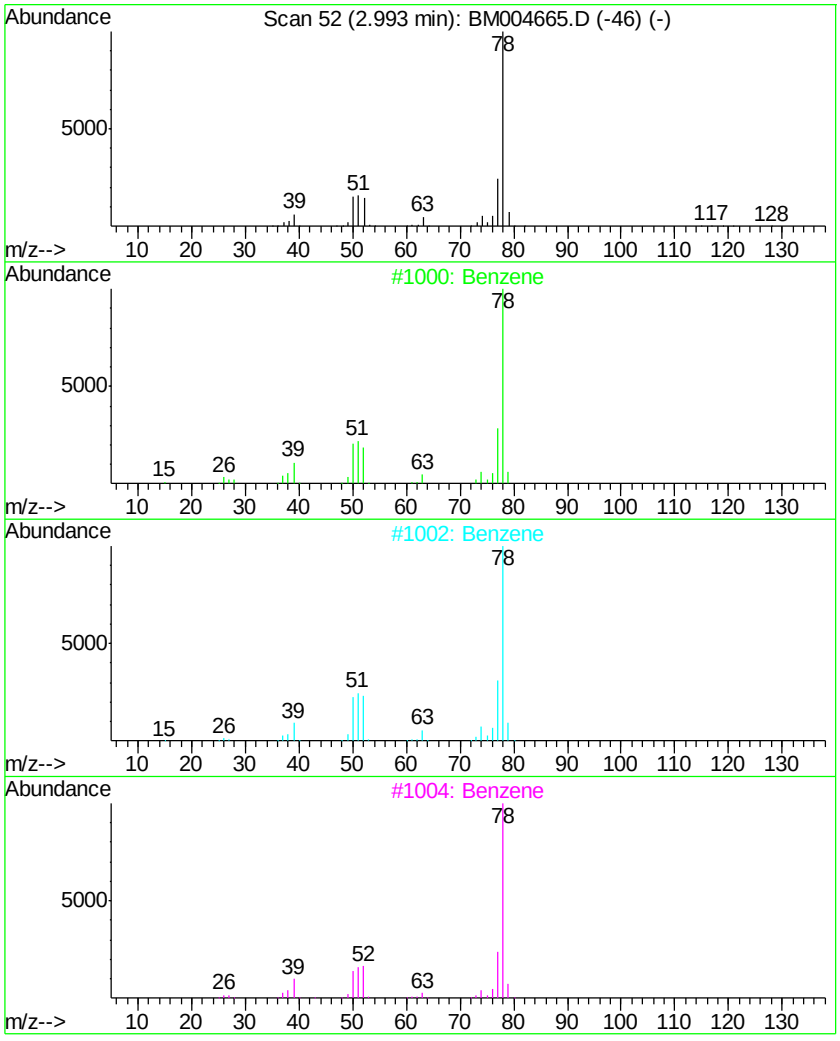
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

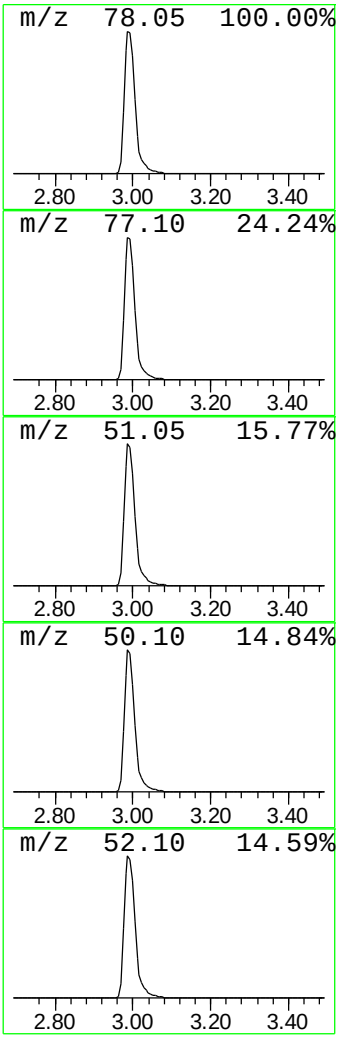
****

Peak Number 1 Benzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	7.66 ng/ul	10669800	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene	78	C6H6	000071-43-2	95
2	Benzene	78	C6H6	000071-43-2	95
3	Benzene	78	C6H6	000071-43-2	91
4	Benzene	78	C6H6	000071-43-2	91
5	Benzene	78	C6H6	000071-43-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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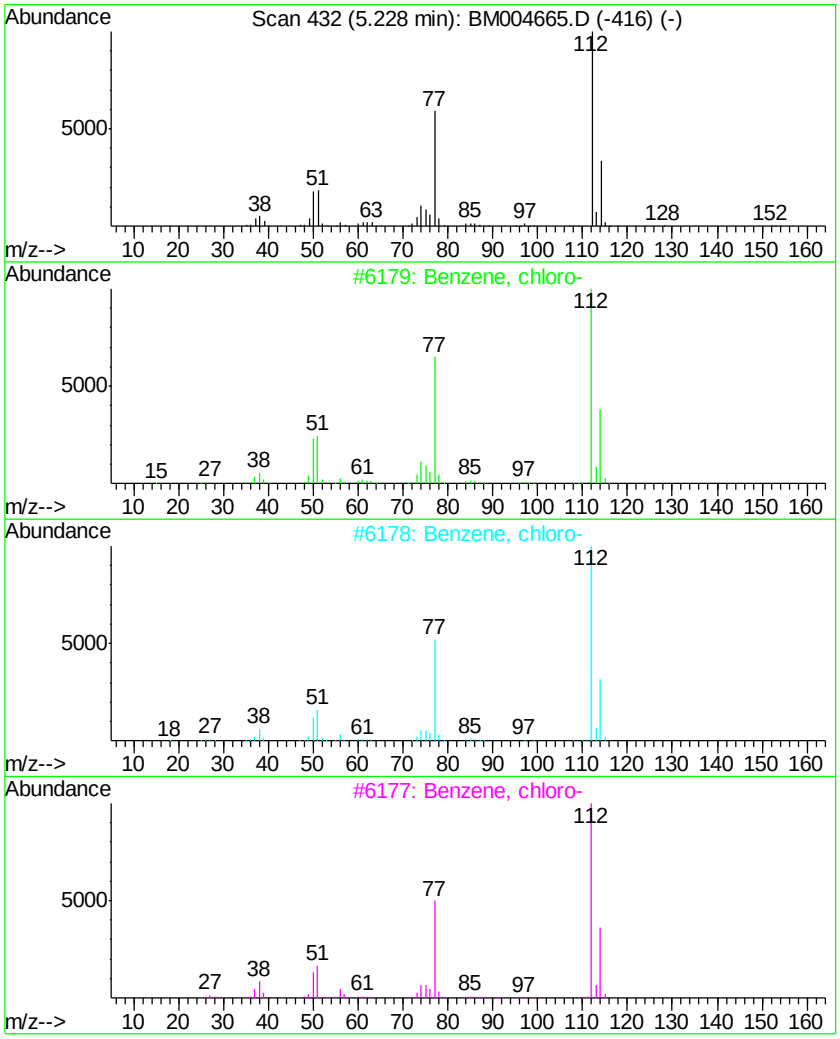
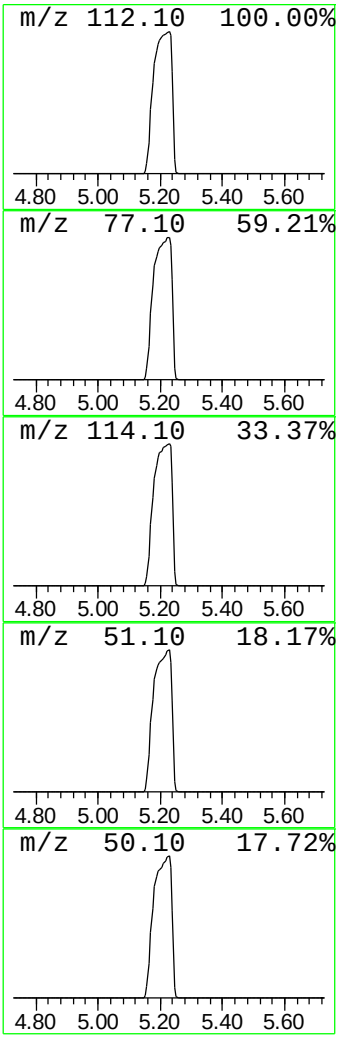
Peak Number 2 Benzene, chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	20.39 ng/ul	28412300	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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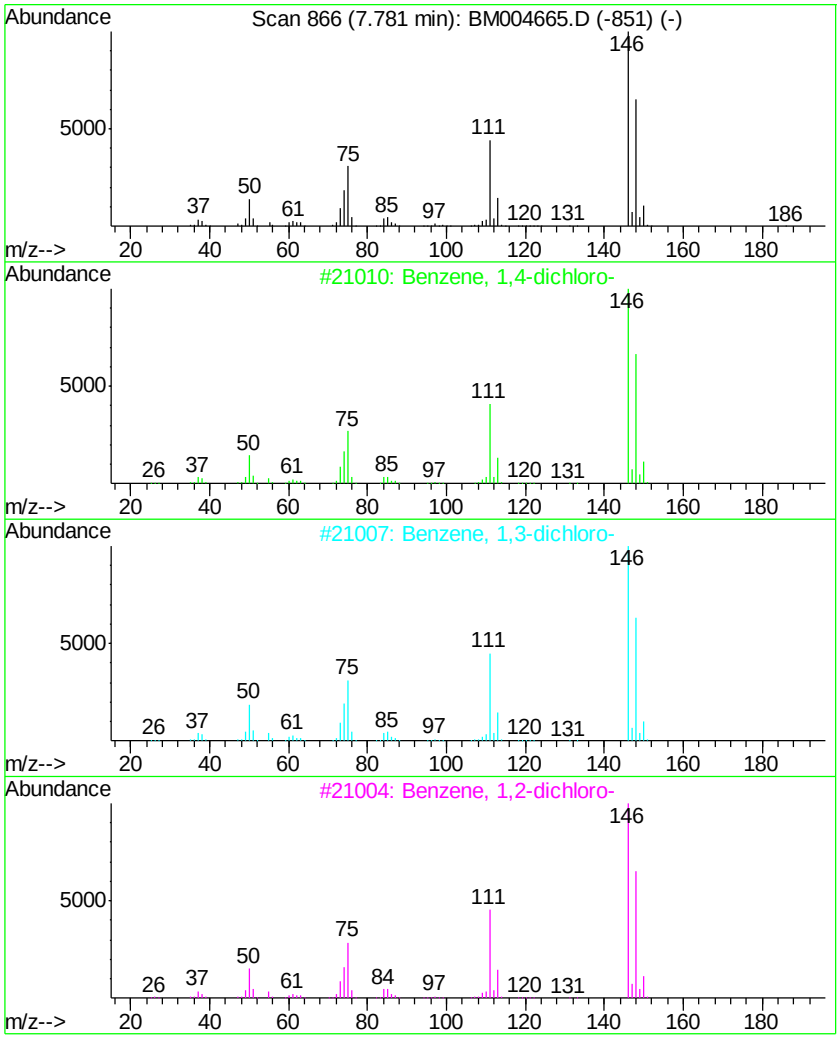
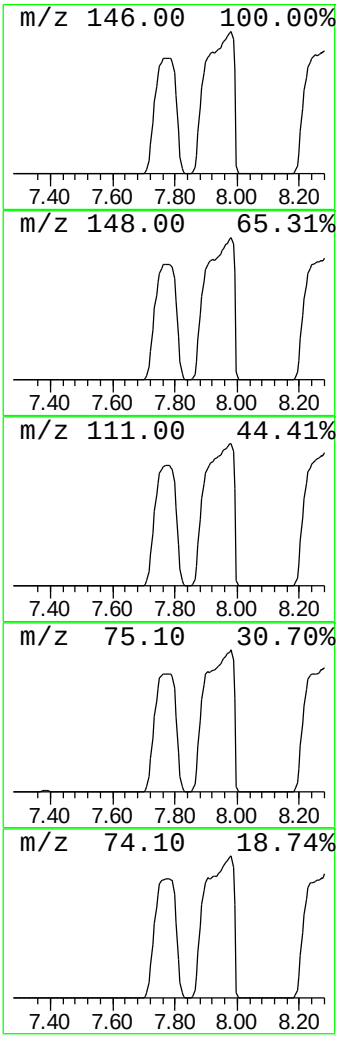
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	20.00 ng/ul	27871200	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

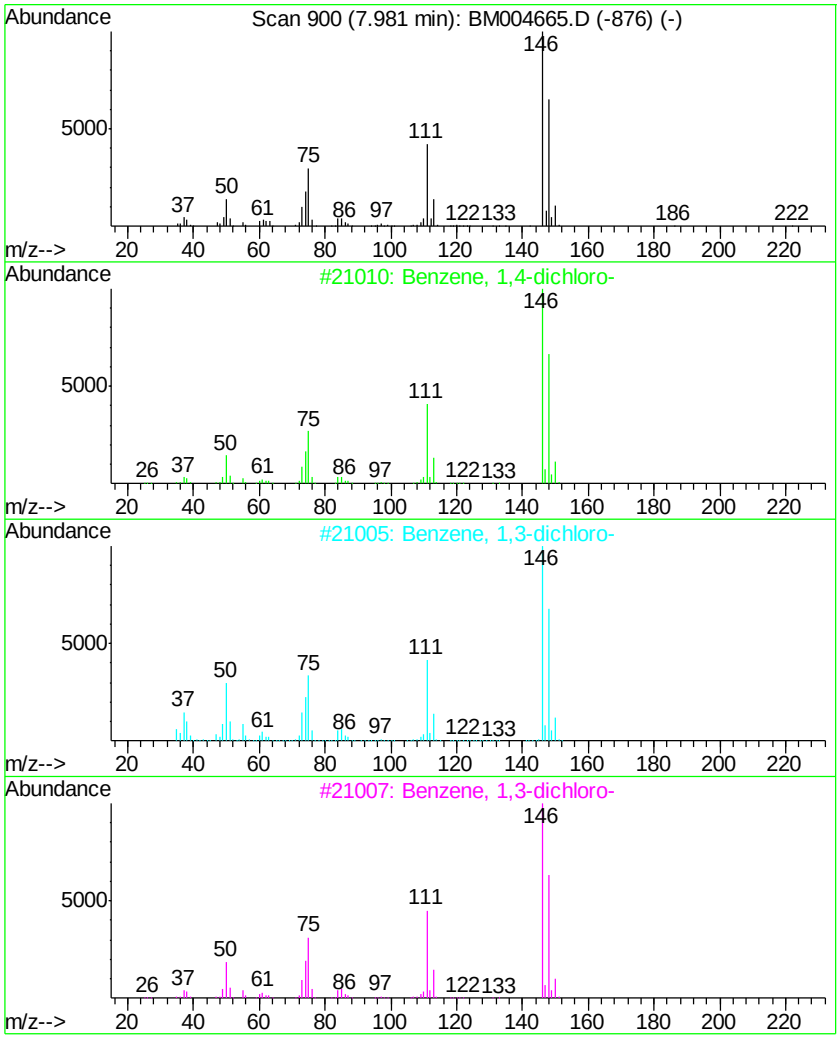
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

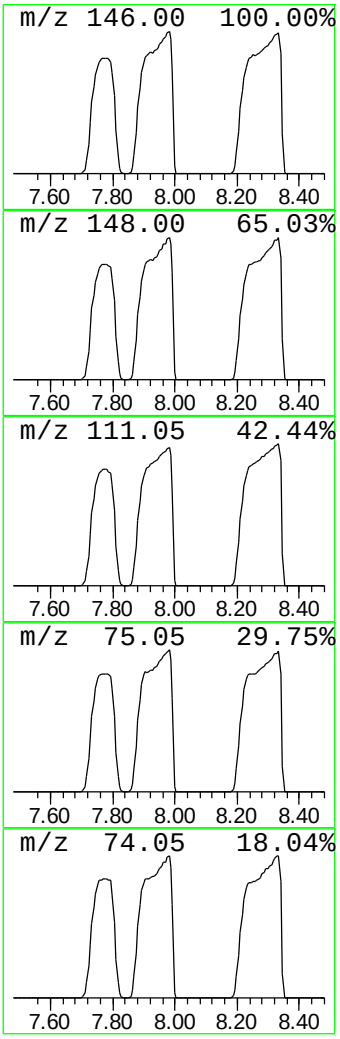
****

Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	32.83 ng/ul	45754300	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

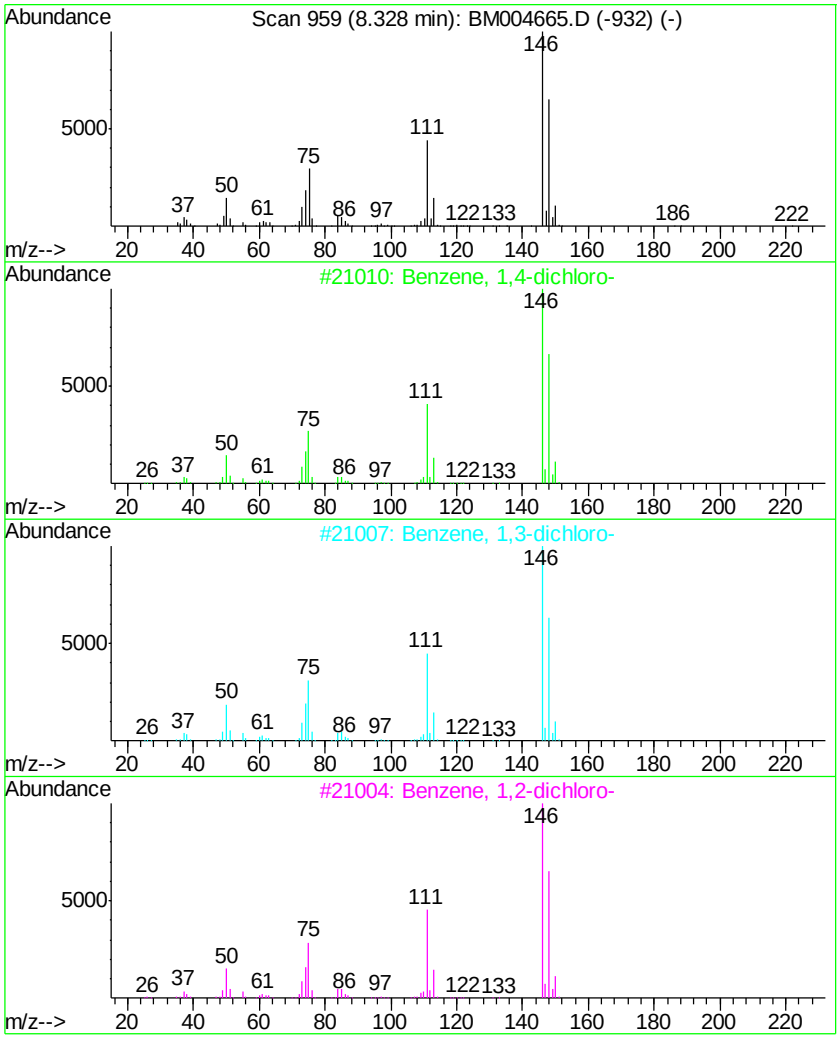
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

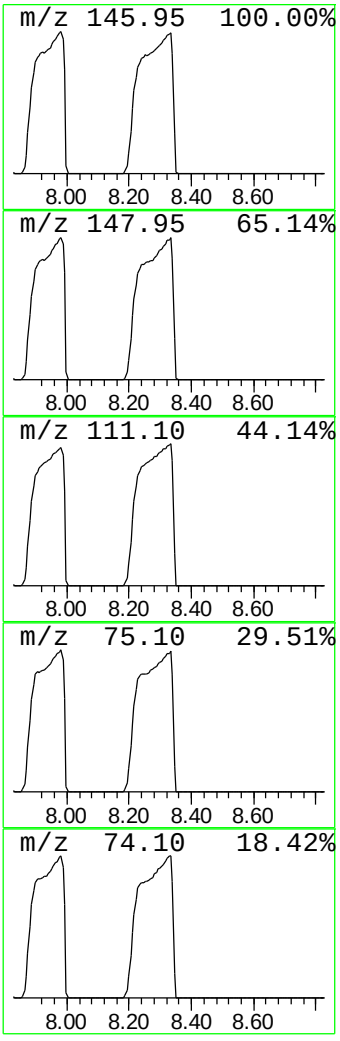
****

Peak Number 5 Benzene, 1,2-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	38.77 ng/ul	54030700	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
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Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

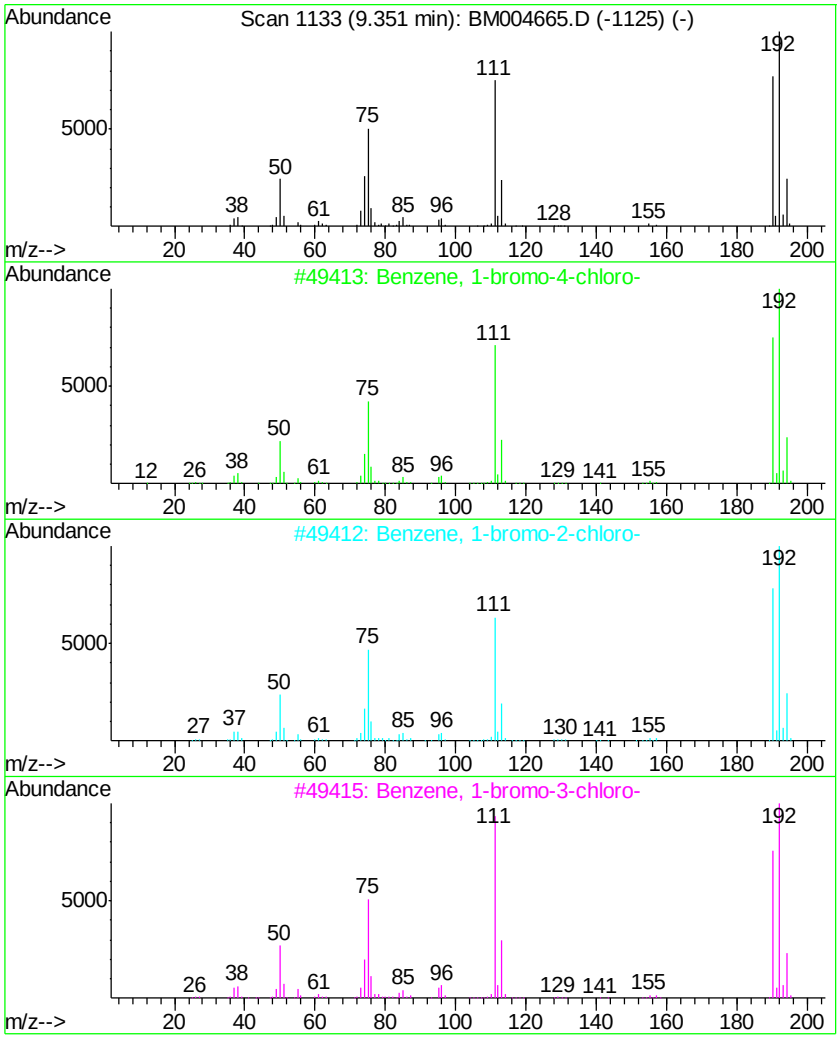
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

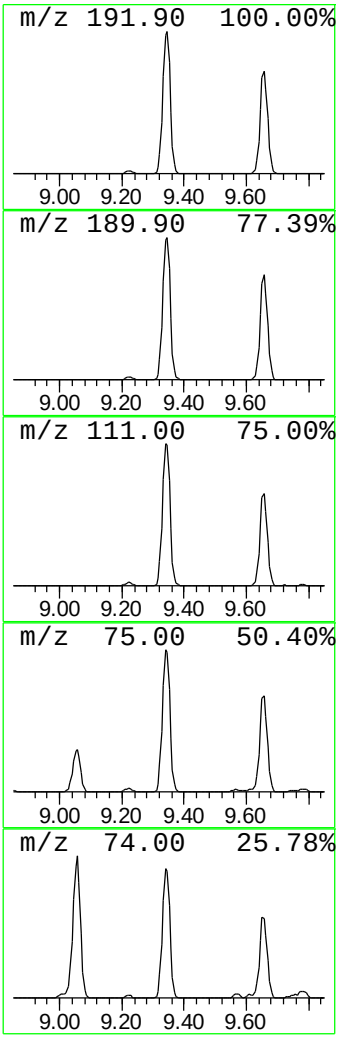
****

Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	28.77 ng/ul	824203	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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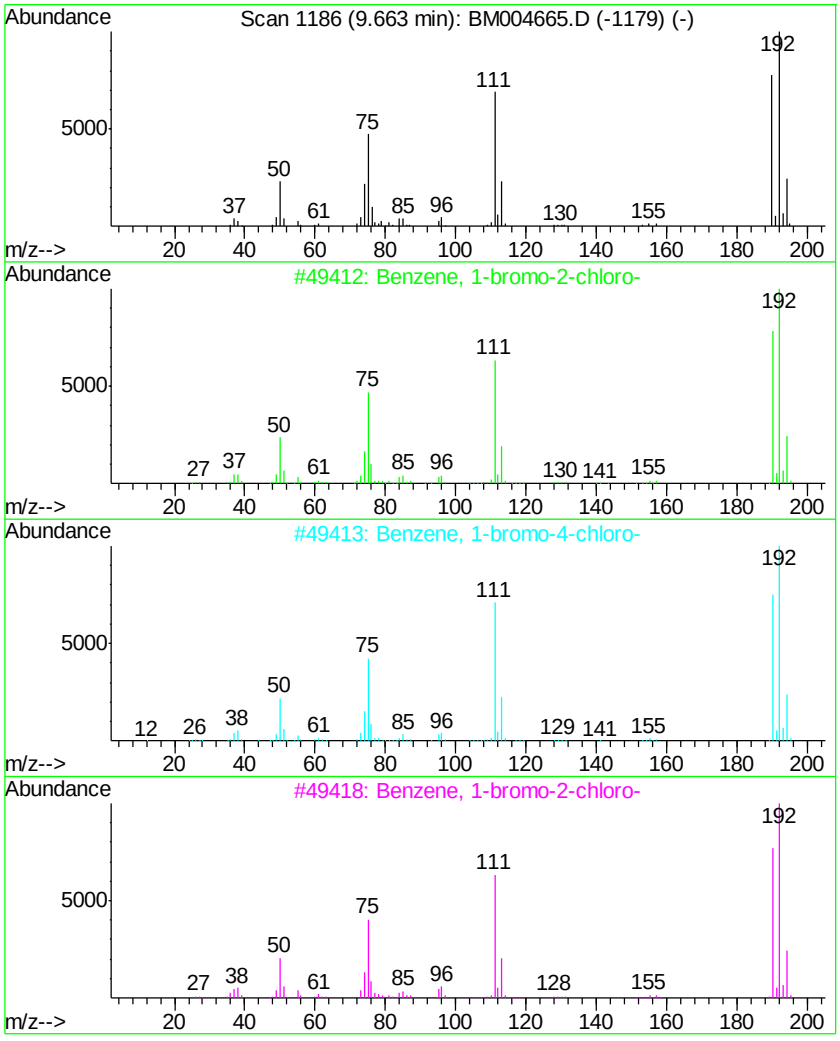
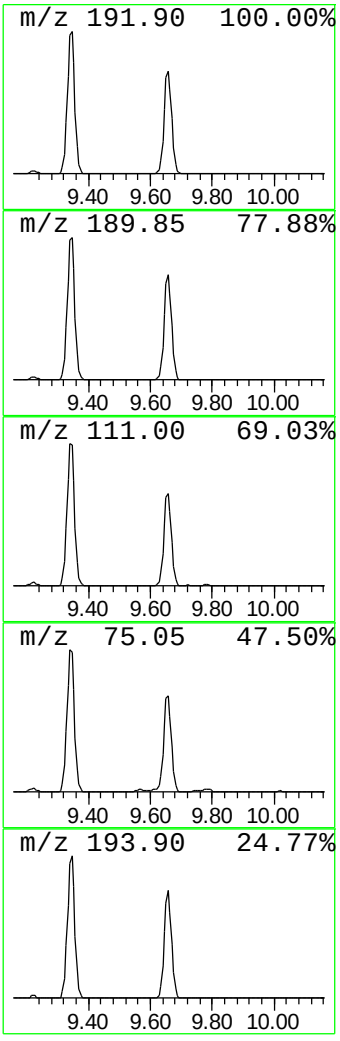
Peak Number 7 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	21.48 ng/ul	615419	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





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Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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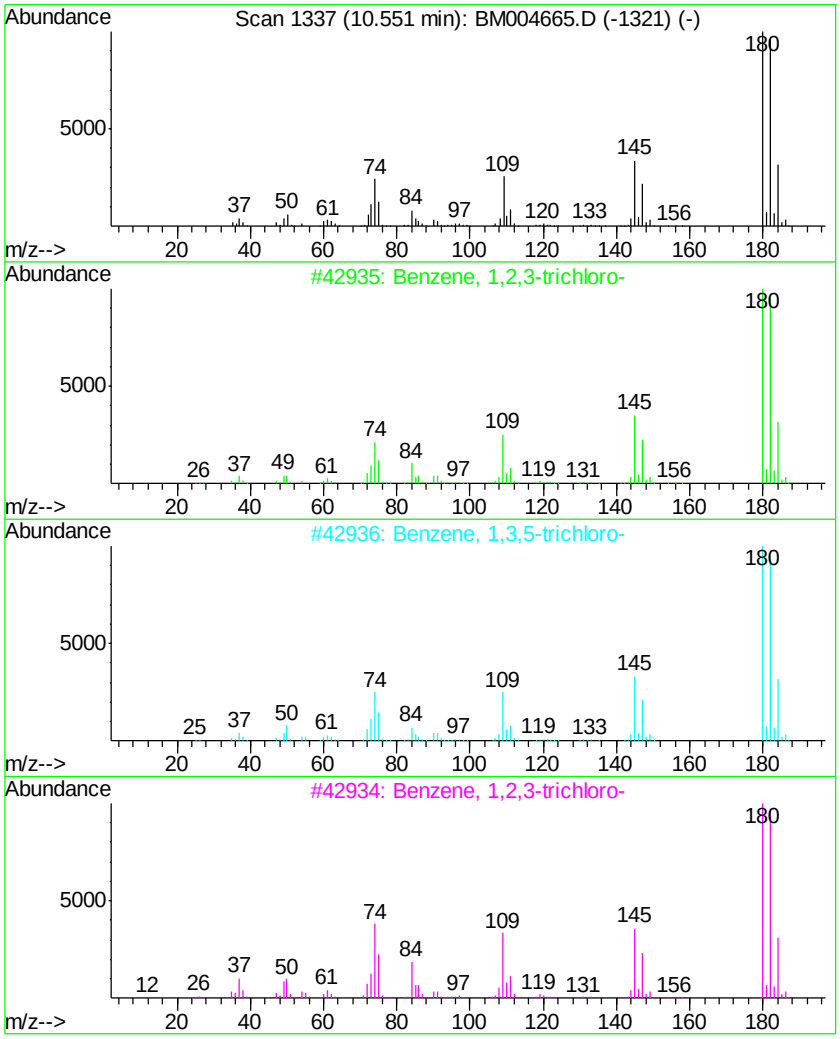
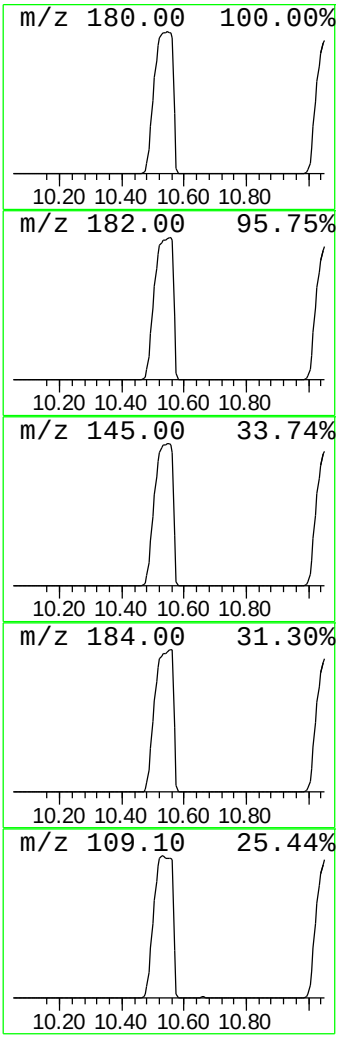
Peak Number 8 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	798.10 ng/ul	22864700	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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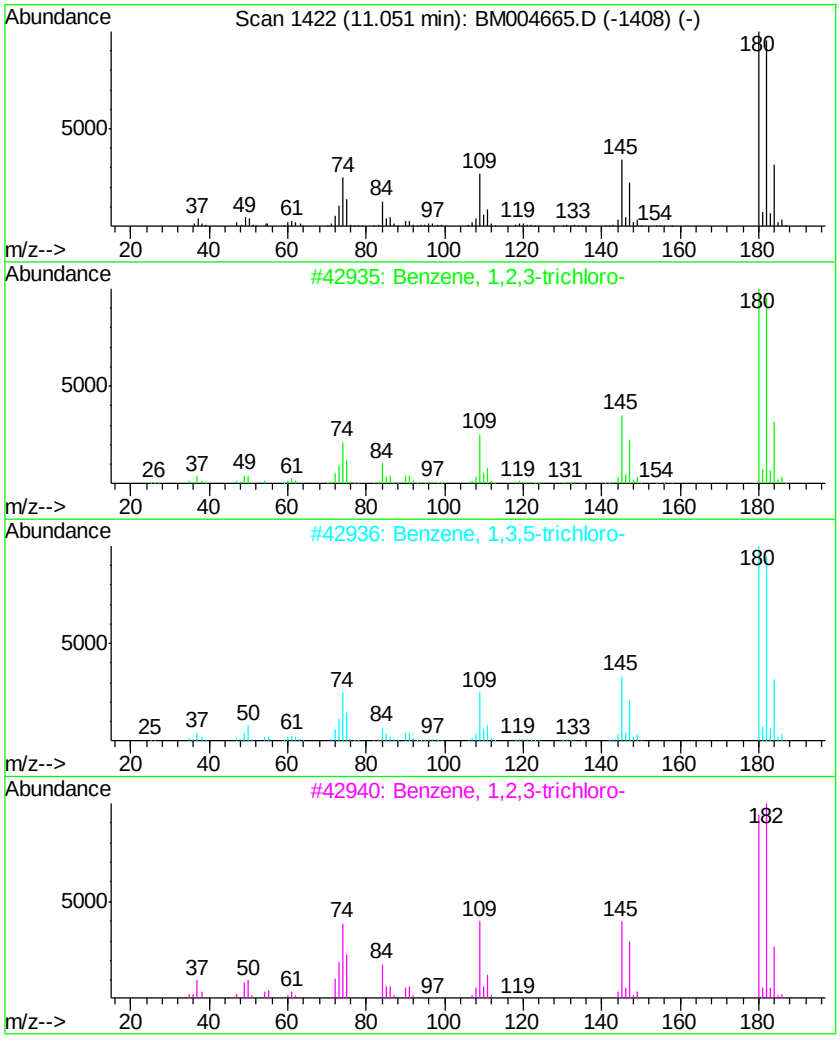
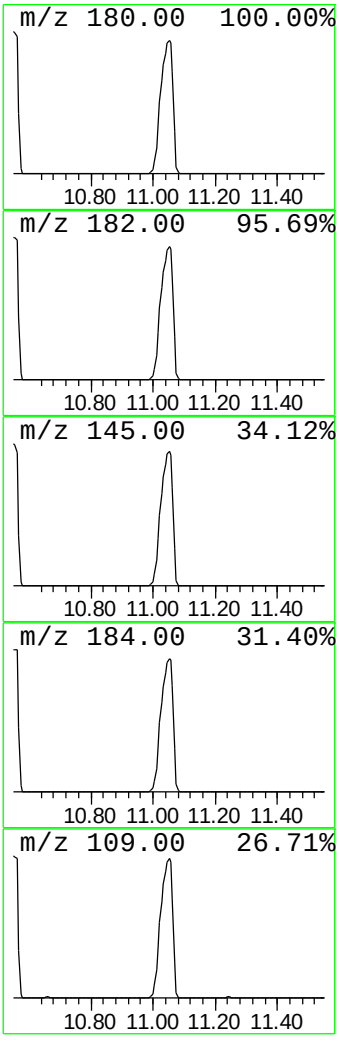
Peak Number 9 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	558.21 ng/ul	15992100	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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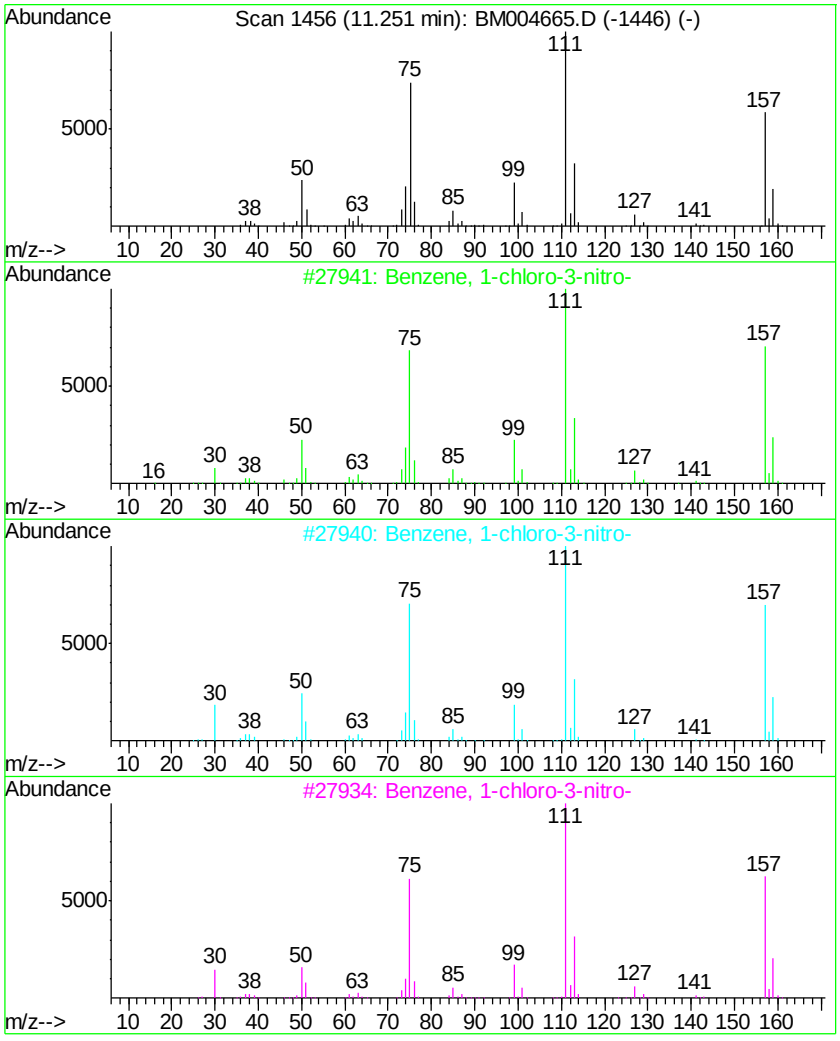
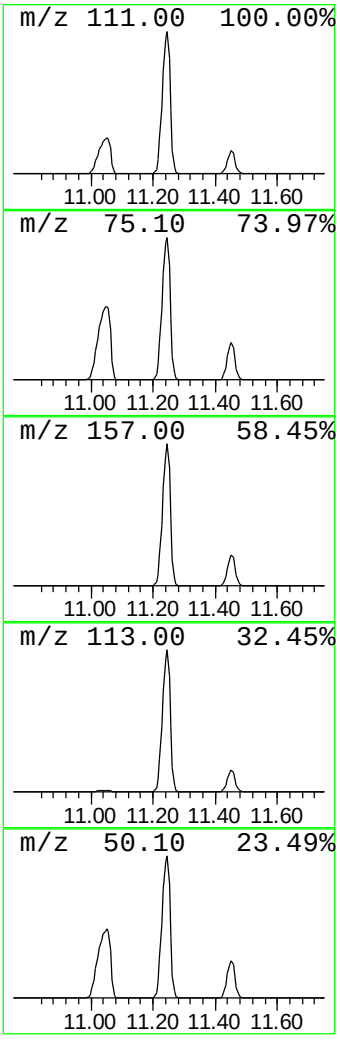
Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	121.52 ng/ul	3481370	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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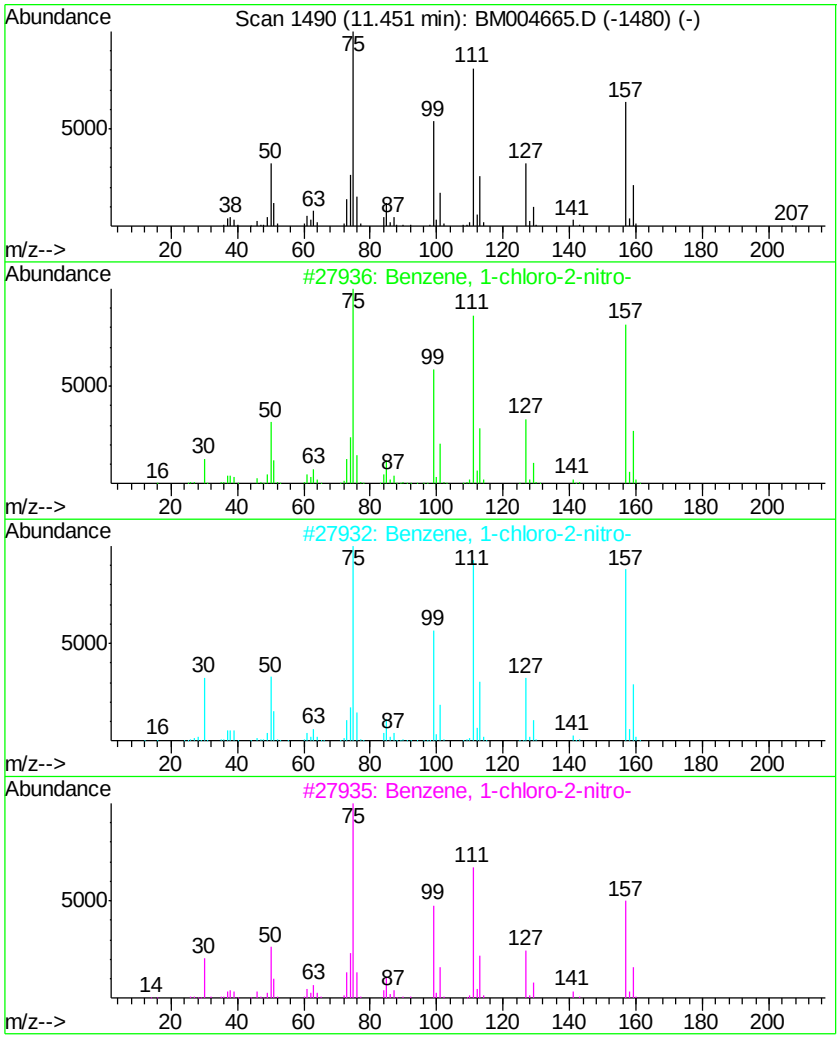
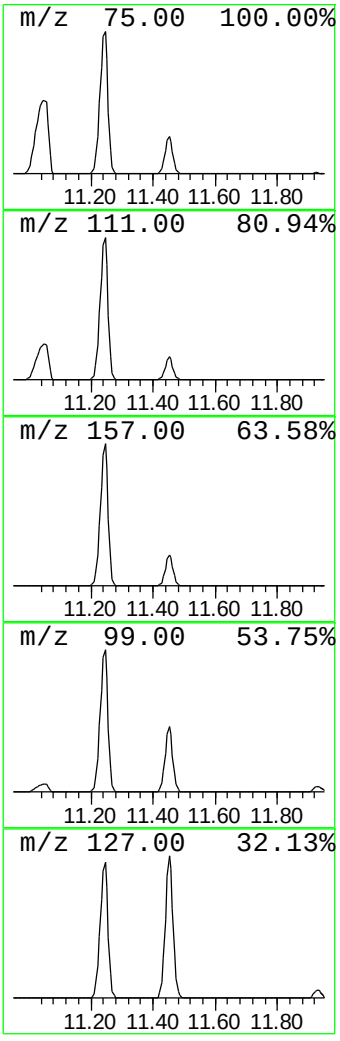
Peak Number 11 Benzene, 1-chloro-2-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	30.08 ng/ul	861883	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene	2.99	7.7	ng/ul	10669800	1	7.87	27871200	20.0
Benzene, chloro-	5.23	20.4	ng/ul	28412300	1	7.87	27871200	20.0
Benzene, 1,4-dich...	7.78	20.0	ng/ul	27871200	1	7.87	27871200	20.0
Benzene, 1,3-dich...	7.98	32.8	ng/ul	45754300	1	7.87	27871200	20.0
Benzene, 1,2-dich...	8.33	38.8	ng/ul	54030700	1	7.87	27871200	20.0
Benzene, 1-bromo-...	9.35	28.8	ng/ul	824203	2	10.66	572982	20.0
Benzene, 1-bromo-...	9.66	21.5	ng/ul	615419	2	10.66	572982	20.0
Benzene, 1,2,3-tr...	10.55	798.1	ng/ul	22864700	2	10.66	572982	20.0
Benzene, 1,3,5-tr...	11.05	558.2	ng/ul	15992100	2	10.66	572982	20.0
Benzene, 1-chloro...	11.25	121.5	ng/ul	3481370	2	10.66	572982	20.0
Benzene, 1-chloro...	11.45	30.1	ng/ul	861883	2	10.66	572982	20.0