

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\

Data File : BM014477.D

Acq On : 05 Mar 2018 17:41

Operator : SJ/JU

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Mar 05 23:00:00 2018

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

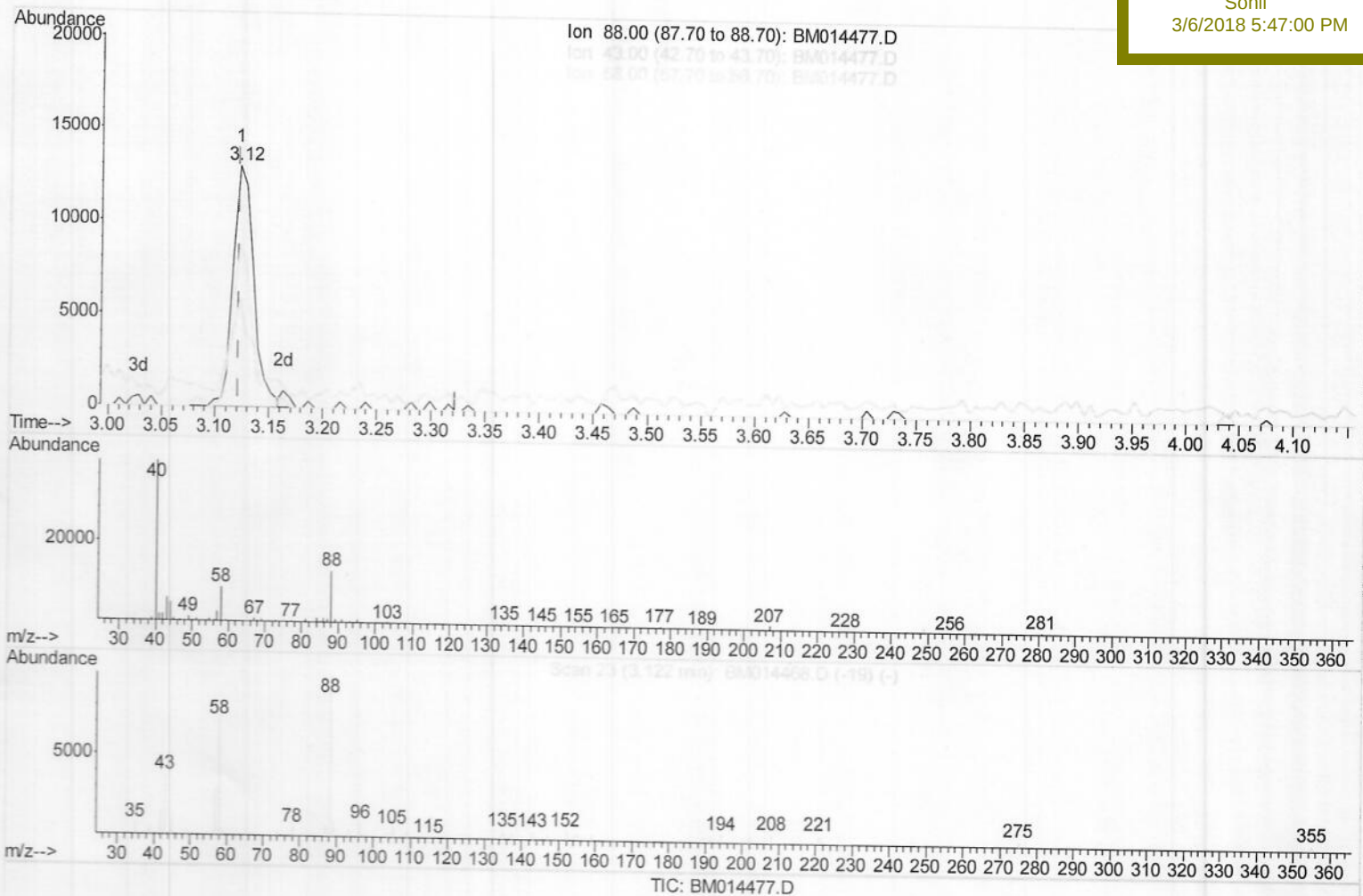
SSTD02032

Manual Integrations

APPROVED

Sohil

3/6/2018 5:47:00 PM



Quantitation Report (Qedit)

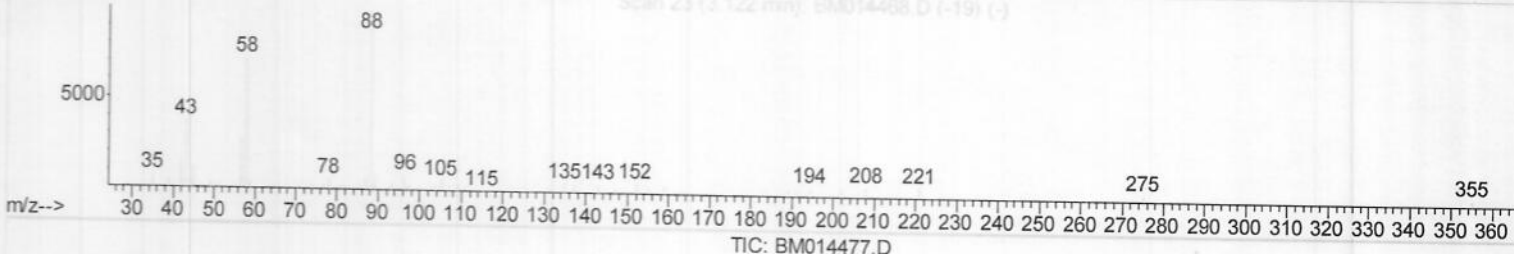
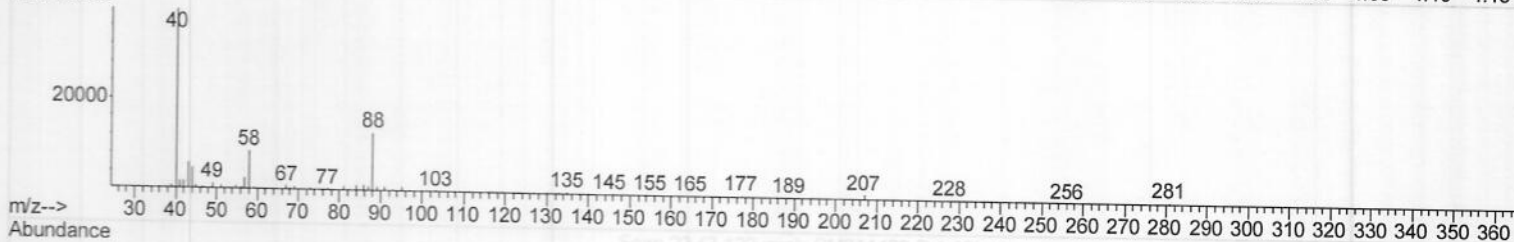
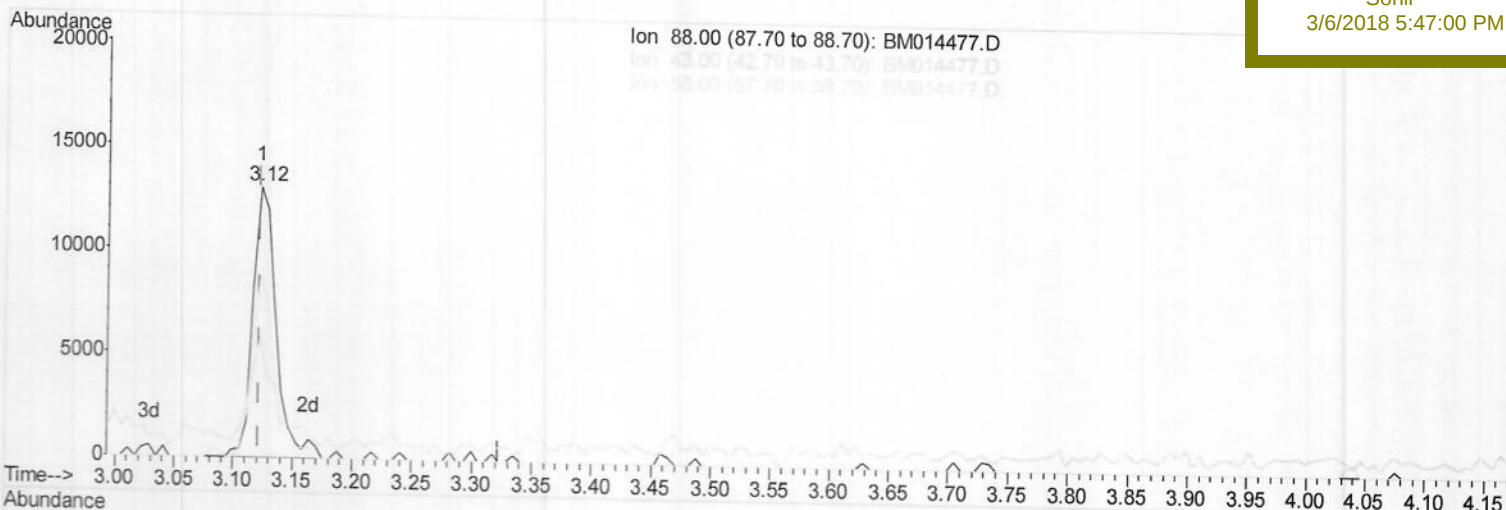
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM



(2) 1,4-Dioxane

3.122min (+0.000) 6.11ng/uL m

response 17629

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	43.98#
58.00	100.00	63.73#
0.00	0.00	0.00

SJ
 03/06/18

TIC: BM014477.D

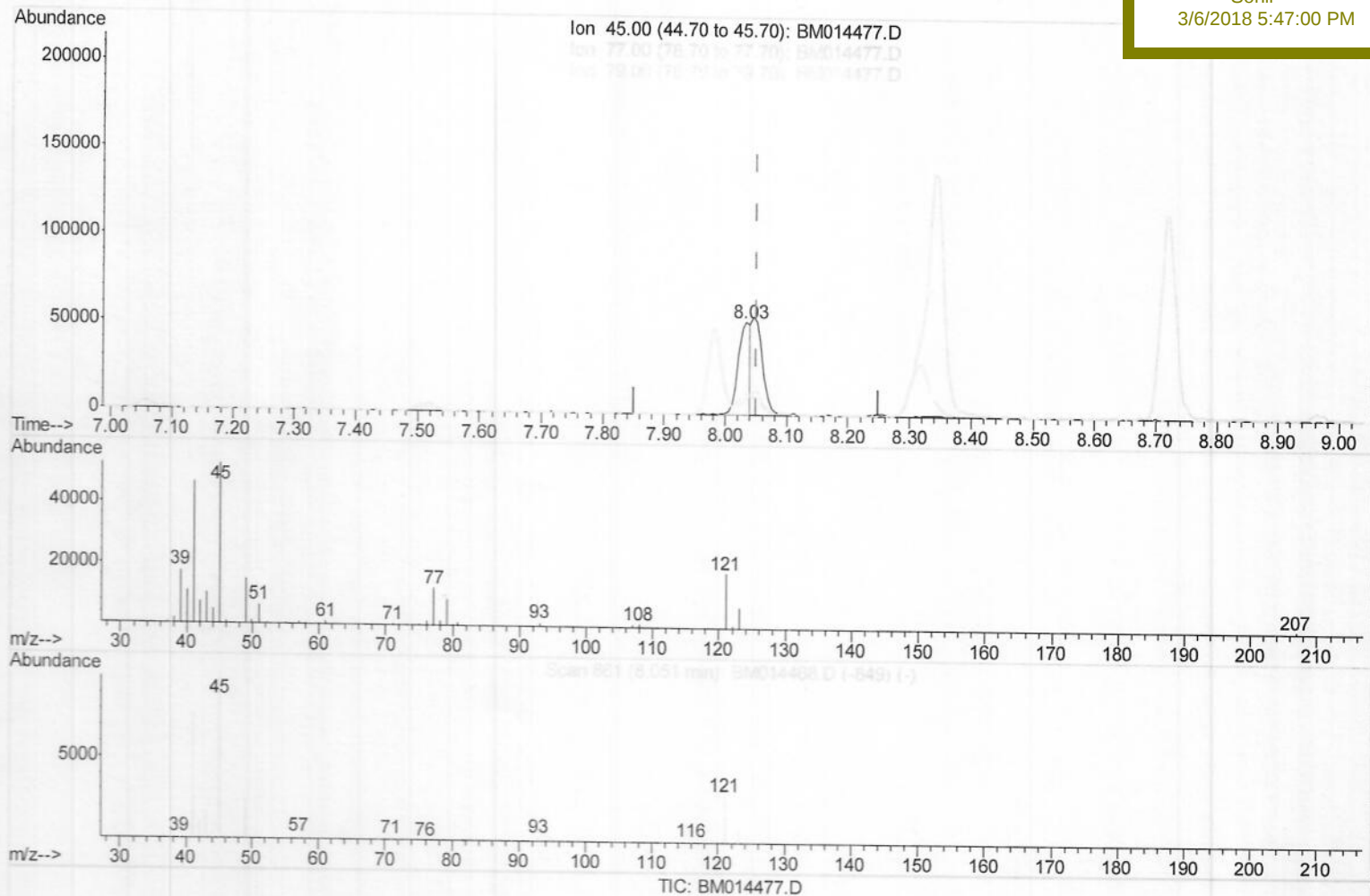
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014477.D
Acq On : 05 Mar 2018 17:41
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02032

Manual Integrations
APPROVED

Sohil
3/6/2018 5:47:00 PM



(12) 2,2'-oxybis(1-Chloropropane)

8.034min (-0.017) 10.20ng/ul

response 73595

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	23.60#
79.00	10.00	16.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

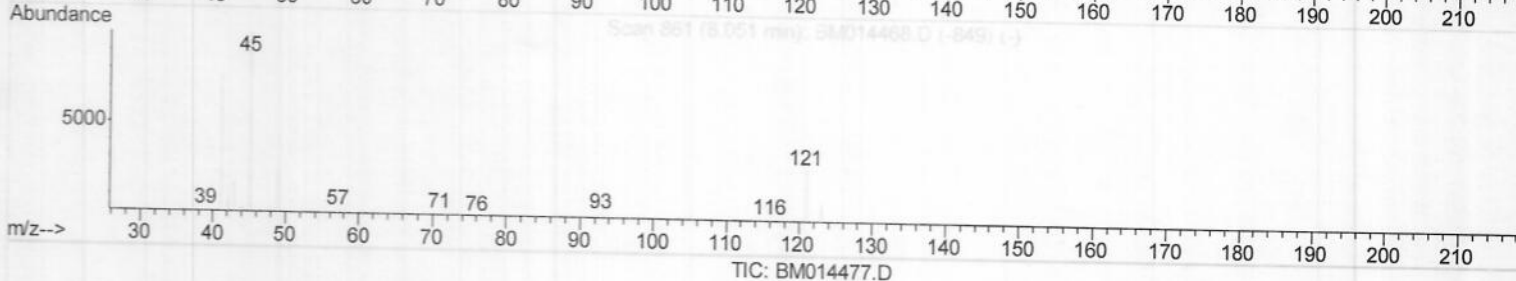
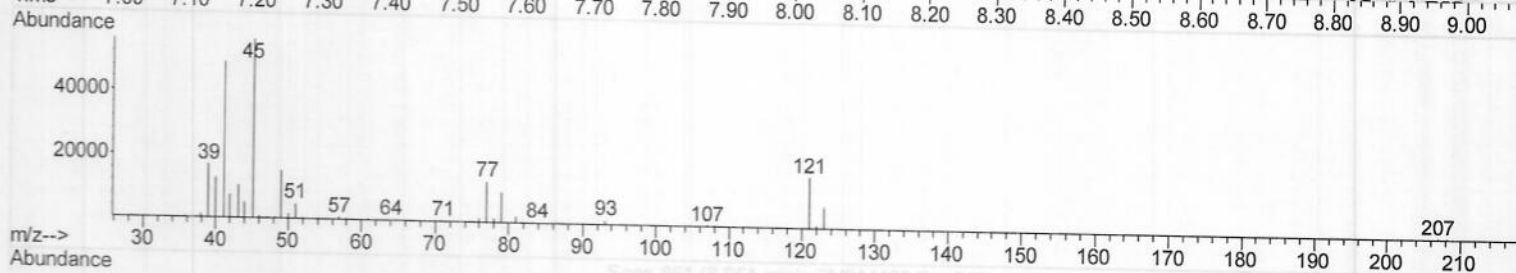
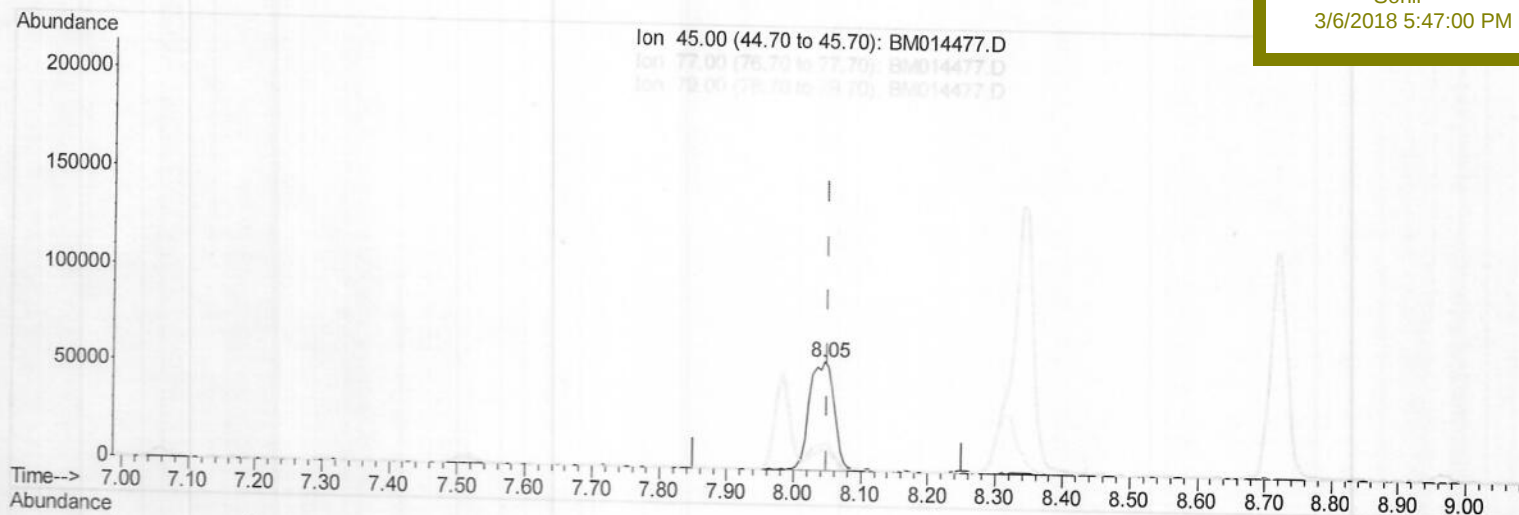
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM



(12) 2,2'-oxybis(1-Chloropropane)

8.046min (-0.006) 19.28ng/ul m

response 139121

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	23.39#
79.00	10.00	17.71#
0.00	0.00	0.00

SJ
 03/06/18

Quantitation Report (Qedit)

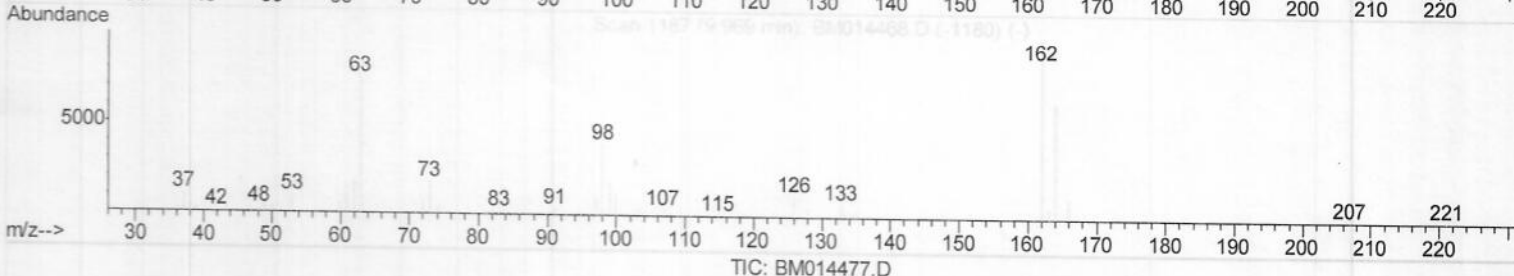
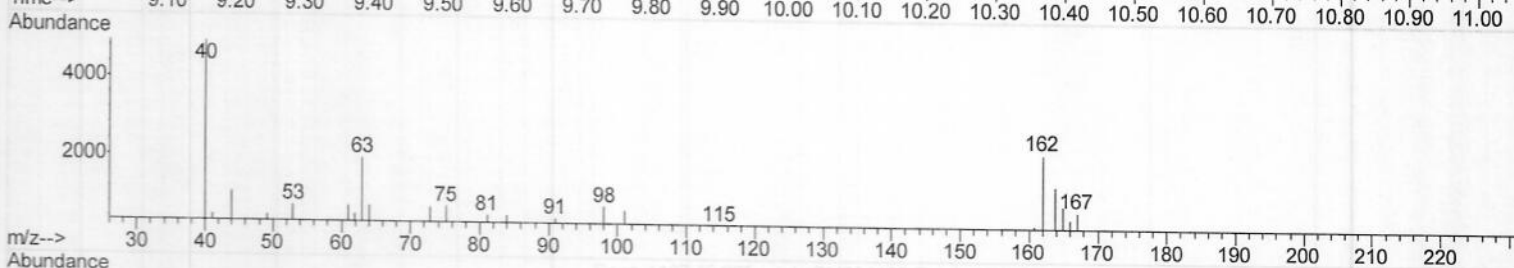
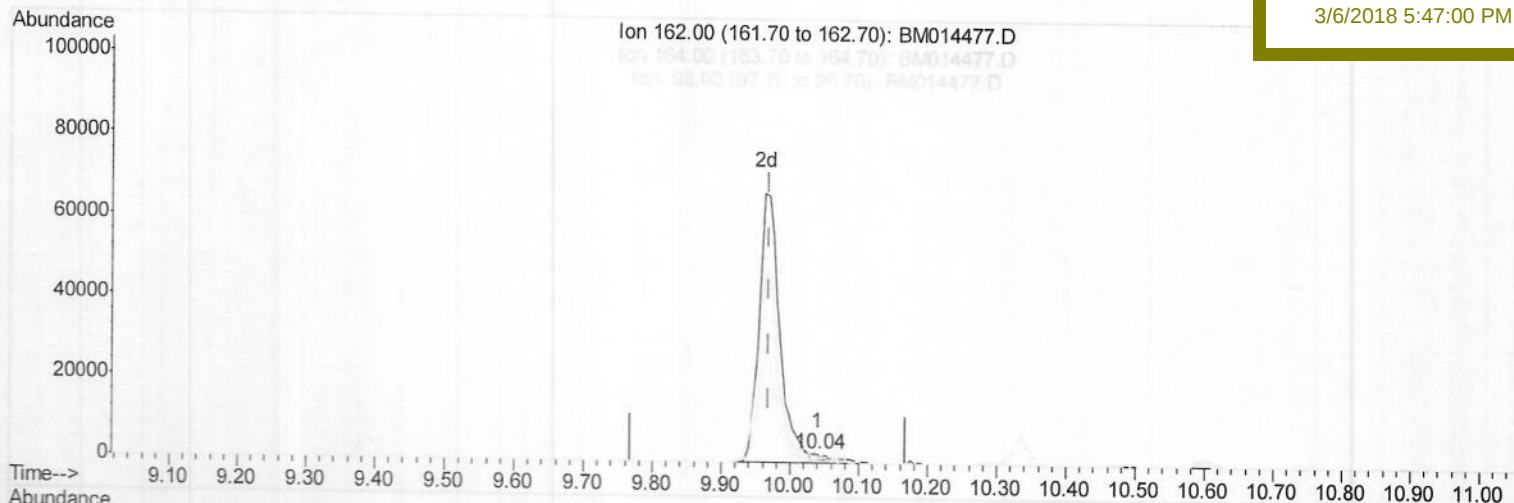
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM



(27) 2,4-Dichlorophenol (C)

10.040min (+0.071) 0.25ng/ul

response 1778

Ion	Exp%	Act%
162.00	100	100
164.00	59.70	62.38
98.00	28.70	34.01
0.00	0.00	0.00

Quantitation Report (Qedit)

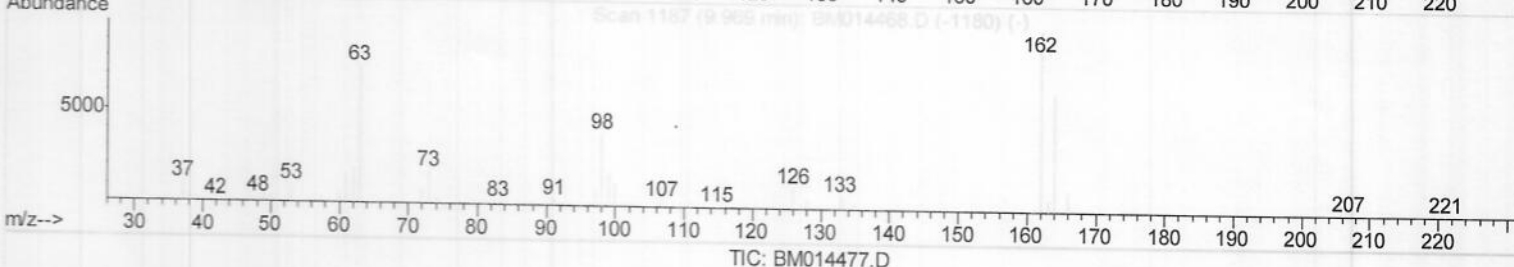
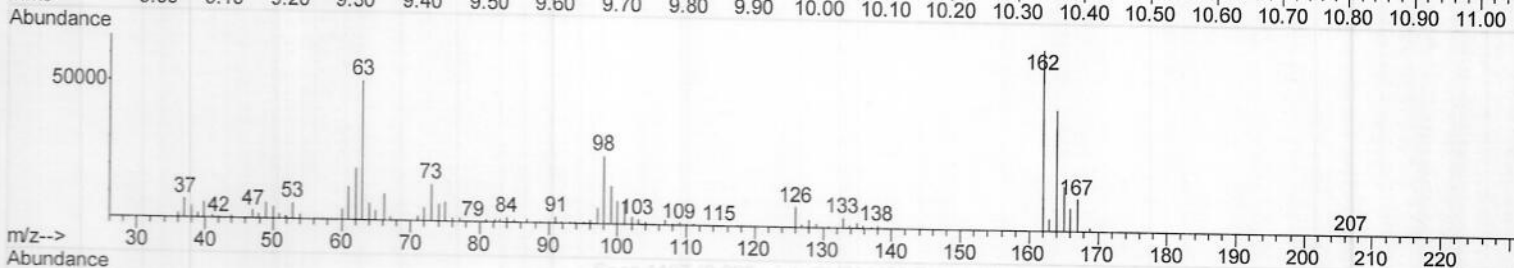
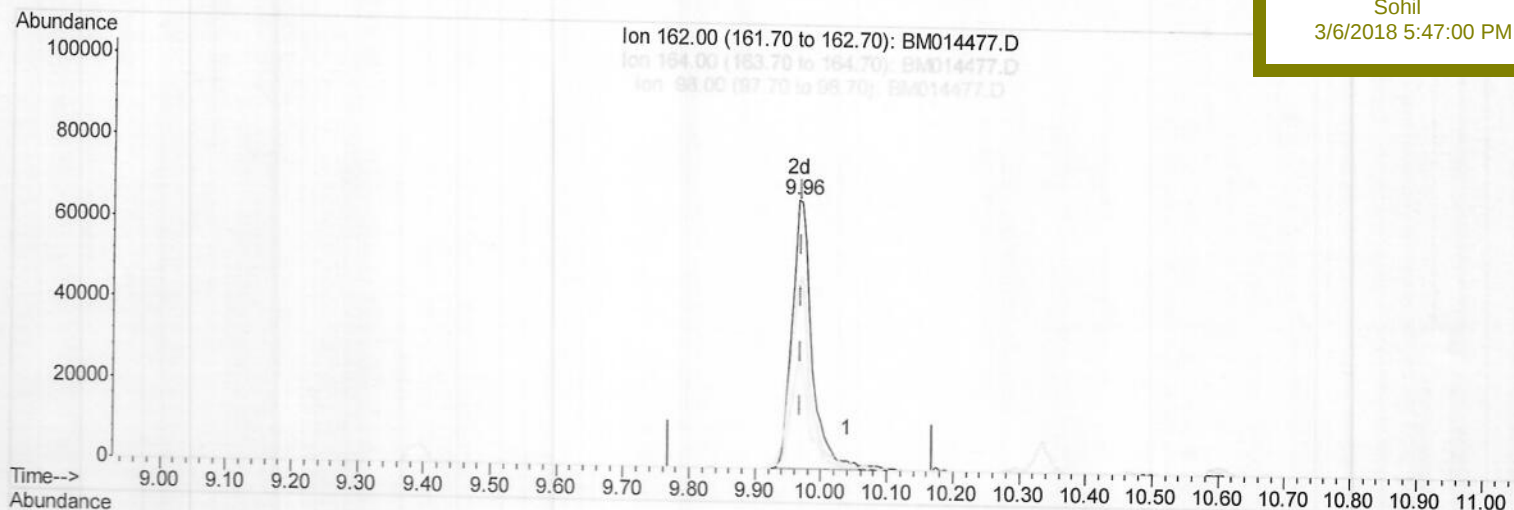
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM



(27) 2,4-Dichlorophenol (C)
 9.963min (-0.006) 19.95ng/ul m
 response 140850

Ion	Exp%	Act%
162.00	100	100
164.00	59.70	67.57
98.00	28.70	38.25#
0.00	0.00	0.00

SJ
 03/06/18

TIC: BM014477.D

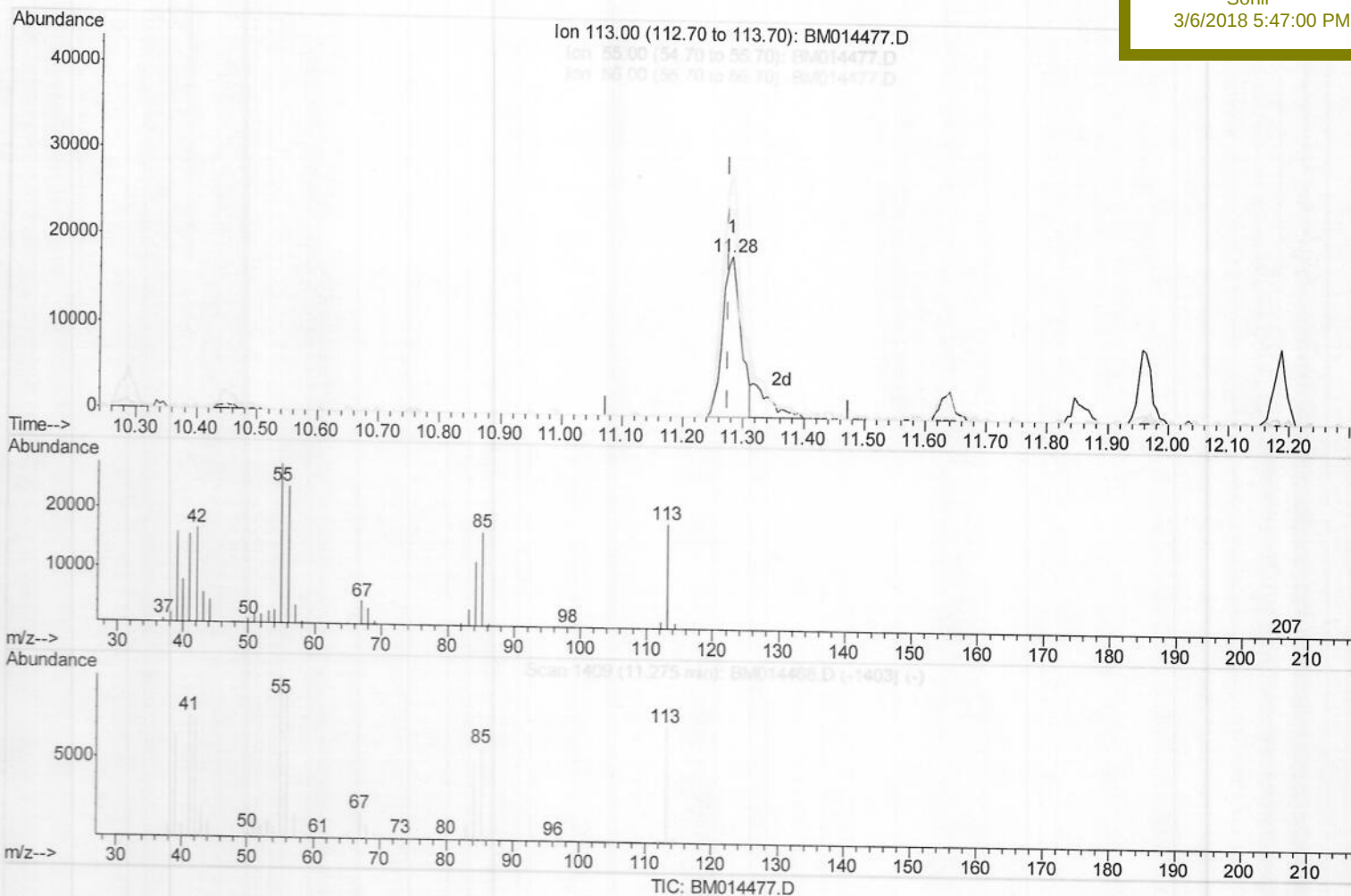
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014477.D
Acq On : 05 Mar 2018 17:41
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02032

Manual Integrations
APPROVED

Sohil
3/6/2018 5:47:00 PM



(32) Caprolactam

11.281min (+0.006) 16.98ng/ul

response 38390

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	150.96#
56.00	200.00	130.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

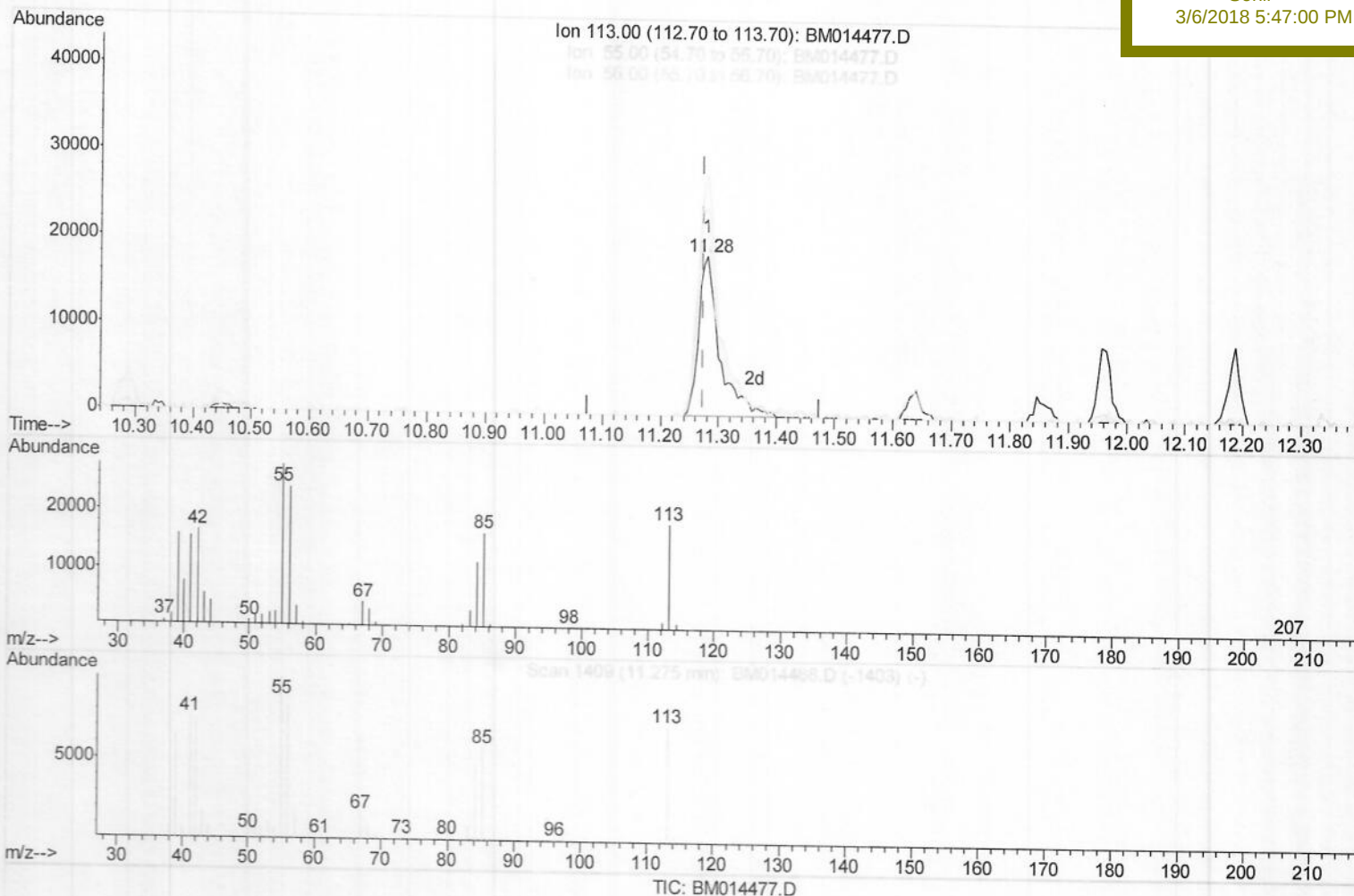
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:01:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM



(32) Caprolactam

11.281min (+0.006) 20.72ng/ul m

response 46862

Ion Exp% Act%

113.00	100	100
55.00	260.00	150.96#
56.00	200.00	130.47#
0.00	0.00	0.00

SJ
 03106118

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:49:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	111105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	469692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	285652	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	596931	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	451349	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	342574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	15925	6.14	ng/uL	0.00
5) Phenol-d5	6.73	99	179744	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	105571	18.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	143749	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	150188	18.28	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	74711	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	84009	23.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	144383	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	164708	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	481284	20.40	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	597190	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	76933	23.62	ng/ul	0.00
57) Fluorene-d10	15.18	176	385902	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	67590	18.88	ng/ul	0.00
70) Anthracene-d10	17.04	188	559271	19.42	ng/ul	0.00
76) Pyrene-d10	19.35	212	520255	22.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	328659	19.71	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
2) 1,4-Dioxane	3.12	88	17629m	6.113	ng/uL		
4) Benzaldehyde	6.68	77	79048	20.647	ng/ul	96	
6) Phenol	6.76	94	183156	18.587	ng/ul	93	
8) Bis(2-Chloroethyl)ether	6.96	93	141969	19.857	ng/ul	99	
10) 2-Chlorophenol	7.09	128	144070	19.597	ng/ul	98	
11) 2-Methylphenol	7.98	108	137465	18.239	ng/ul	92	
12) 2,2'-oxybis(1-Chloropropan	8.05	45	139121m	19.282	ng/ul		
14) Acetophenone	8.35	105	241704	17.051	ng/ul#	96	
15) N-Nitroso-di-n-propylamine	8.32	70	131159	18.463	ng/ul#	77	
16) 4-Methylphenol	8.32	108	145766	17.748	ng/ul	96	
17) Hexachloroethane	8.56	117	69416	18.125	ng/ul#	68	
20) Nitrobenzene	8.72	77	198272	19.315	ng/ul	95	
21) Isophorone	9.24	82	363622	20.709	ng/ul	98	
23) 2-Nitrophenol	9.42	139	86154	22.142	ng/ul	95	
24) 2,4-Dimethylphenol	9.50	107	186031	19.501	ng/ul	86	
25) Bis(2-Chloroethoxy)methane	9.72	93	191349	20.688	ng/ul	94	
27) 2,4-Dichlorophenol	9.96	162	140850m	19.950	ng/ul		
28) Naphthalene	10.33	128	479726	19.886	ng/ul	99	
30) 4-Chloroaniline	10.47	127	163584	21.880	ng/ul	98	
31) Hexachlorobutadiene	10.60	225	105059	18.756	ng/ul#	88	
32) Caprolactam	11.28	113	46862m	20.724	ng/ul		
33) 4-Chloro-3-methylphenol	11.63	107	162953	19.102	ng/ul	99	
34) 2-Methylnaphthalene	11.96	142	344995	18.789	ng/ul	97	

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014477.D
 Acq On : 05 Mar 2018 17:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 23:49:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	188643	20.573	ng/ul#	94
37) Hexachlorocyclopentadiene	12.30	237	107004	21.443	ng/ul	95
38) 2,4,6-Trichlorophenol	12.61	196	122298	21.378	ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	123370	21.102	ng/ul	93
40) 1,1'-Biphenyl	13.00	154	473599	21.523	ng/ul	99
41) 2-Chloronaphthalene	13.04	162	363014	20.652	ng/ul#	92
42) 2-Nitroaniline	13.28	65	130036	21.863	ng/ul	95
44) Dimethylphthalate	13.65	163	466325	20.047	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	98538	22.297	ng/ul#	76
47) Acenaphthylene	13.90	152	553632	20.137	ng/ul	99
48) 3-Nitroaniline	14.13	138	73371	19.588	ng/ul	99
49) Acenaphthene	14.24	153	383333	19.800	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	35101	14.768	ng/ul#	77
52) 4-Nitrophenol	14.50	109	76812	17.989	ng/ul#	48
53) Dibenzofuran	14.58	168	541781	18.664	ng/ul	90
54) 2,4-Dinitrotoluene	14.60	165	139536	19.706	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.83	232	98201	16.610	ng/ul#	78
56) Diethylphthalate	15.02	149	491421	18.959	ng/ul#	92
58) Fluorene	15.24	166	436367	17.413	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.23	204	228824	17.457	ng/ul#	87
60) 4-Nitroaniline	15.30	138	70062	16.679	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	15.37	198	67915	18.635	ng/ul#	81
64) N-Nitrosodiphenylamine	15.46	169	370485	21.598	ng/ul	97
65) 4-Bromophenyl-phenylether	16.13	248	140611	21.110	ng/ul#	86
66) Hexachlorobenzene	16.25	284	134378	19.184	ng/ul#	77
67) Atrazine	16.43	200	143365	21.162	ng/ul	89
68) Pentachlorophenol	16.62	266	76627	20.876	ng/ul	95
69) Phenanthrene	16.99	178	654618	19.034	ng/ul	98
71) Anthracene	17.08	178	669457	19.355	ng/ul	98
72) Carbazole	17.36	167	539397	18.546	ng/ul	98
73) Di-n-butylphthalate	17.92	149	711374	18.959	ng/ul	98
74) Fluoranthene	19.02	202	663606	16.150	ng/ul#	95
77) Pyrene	19.39	202	646232	21.544	ng/ul#	95
78) Butylbenzylphthalate	20.29	149	270761	21.832	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.09	252	175295	22.091	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	548371	19.467	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	350401	19.727	ng/ul#	98
82) Chrysene	21.20	228	522813	19.896	ng/ul	97
84) Di-n-octyl phthalate	21.93	149	535313	18.210	ng/ul#	82
85) Benzo(b)fluoranthene	22.69	252	445586	19.426	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	401681	18.418	ng/ul#	94
88) Benzo(a)pyrene	23.25	252	399072	19.469	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.53	276	436802	21.961	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.52	278	355468	21.508	ng/ul#	95
91) Benzo(a,h,i)perylene	26.20	276	335219	20.804	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014477.D
Acq On    : 05 Mar 2018   17:41
Operator  : SJ/JU
Sample    : SSTDCCC020
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

Quant Time: Mar 05 23:49:10 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02032

Manual Integrations APPROVED

Sohil
3/6/2018 5:47:00 PM

