

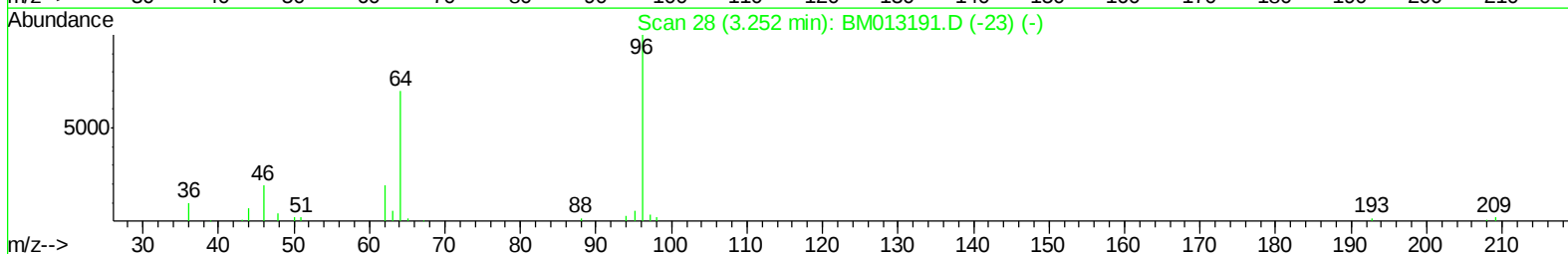
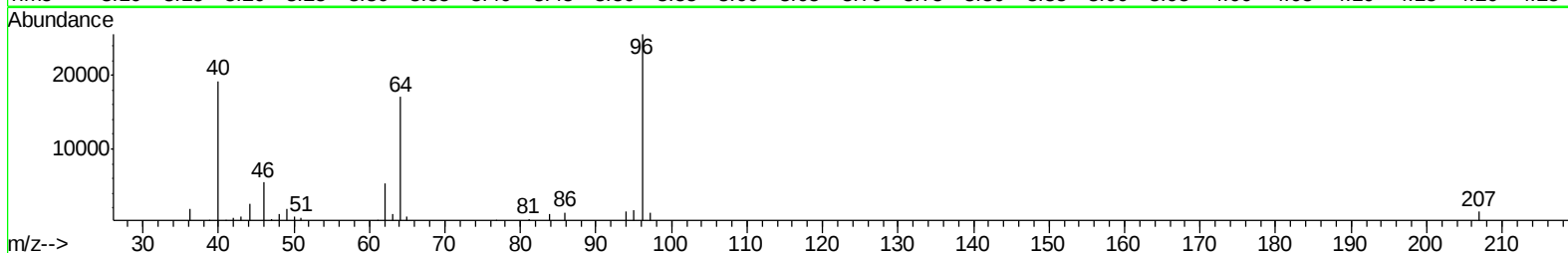
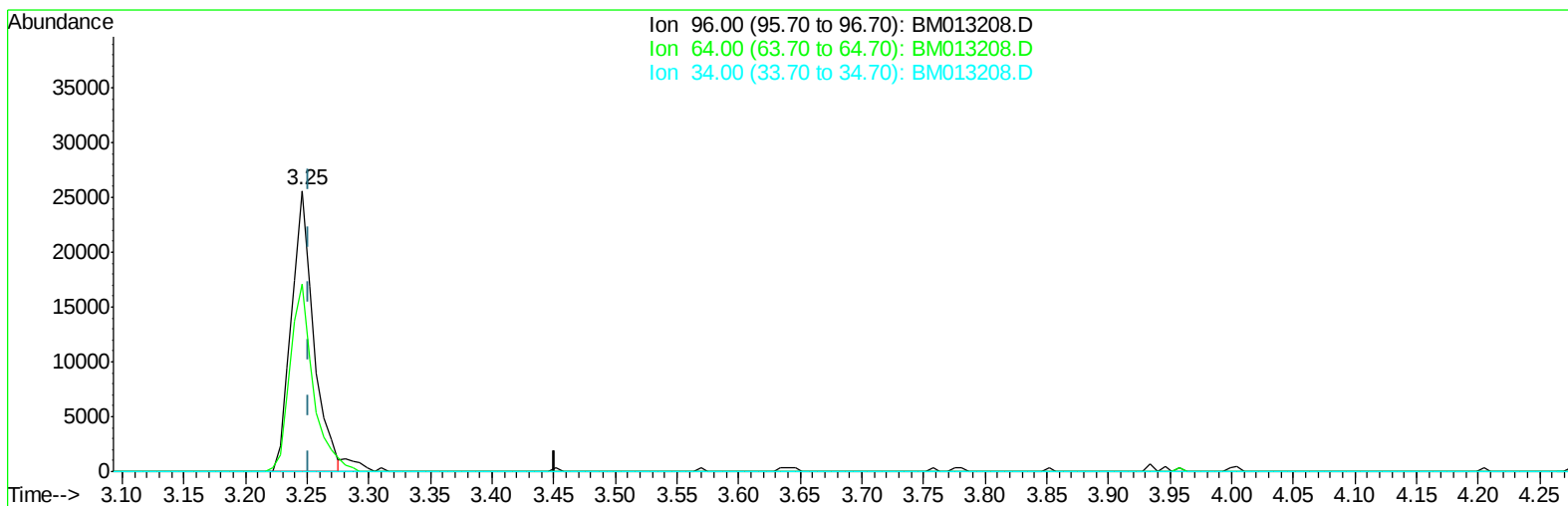
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
Data File : BM013208.D
Acq On : 06 Dec 2017 02:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

Sohil
12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:24:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 06 01:31:21 2017
Response via : Initial Calibration



TIC: BM013208.D

(3) 1,4-Dioxane-d8 (S)

3.246min (-0.006) 7.35ng/uL

response 31601

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	69.87
34.00	0.00	0.00
0.00	0.00	0.00

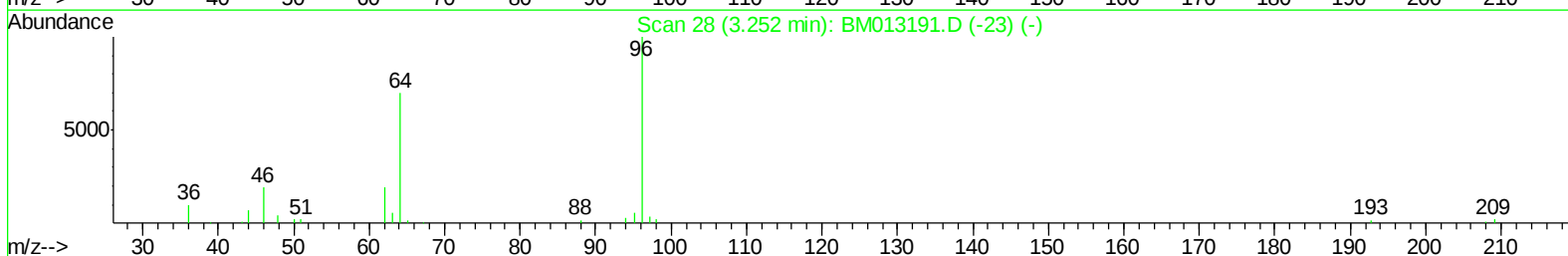
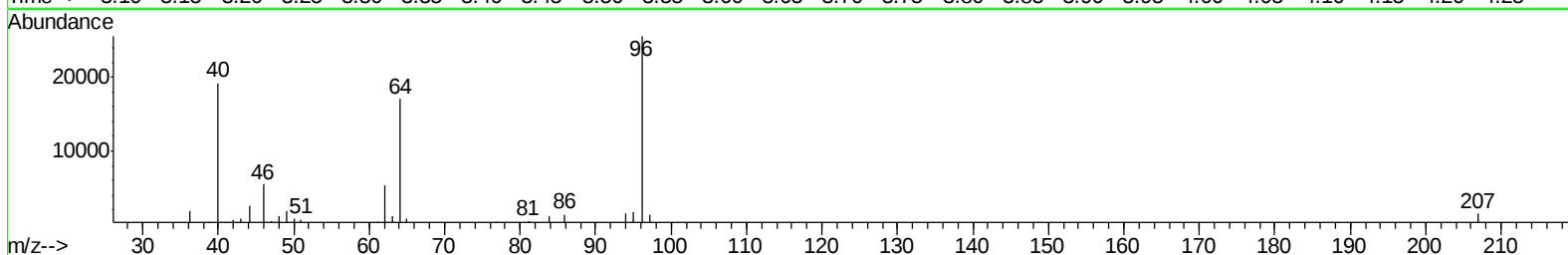
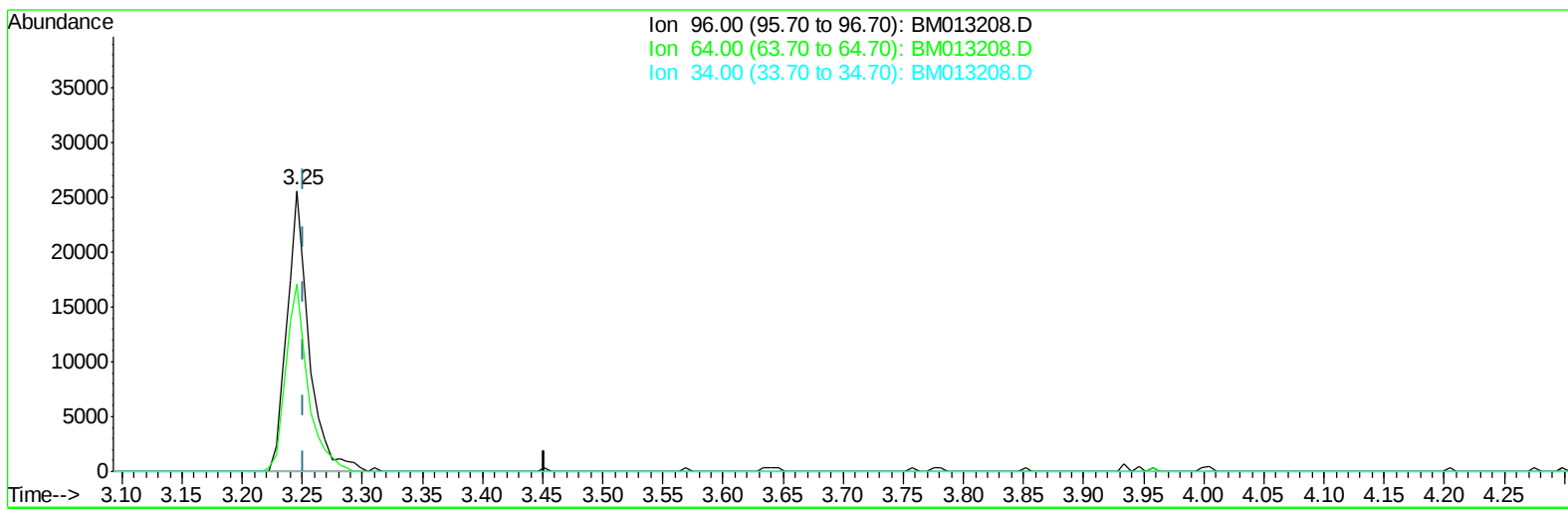
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
Data File : BM013208.D
Acq On : 06 Dec 2017 02:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

Sohil
12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:24:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 06 01:31:21 2017
Response via : Initial Calibration



TIC: BM013208.D

(3) 1,4-Dioxane-d8 (S)

3.246min (-0.006) 7.62ng/uL m

response 32765

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	67.39
34.00	0.00	0.00
0.00	0.00	0.00

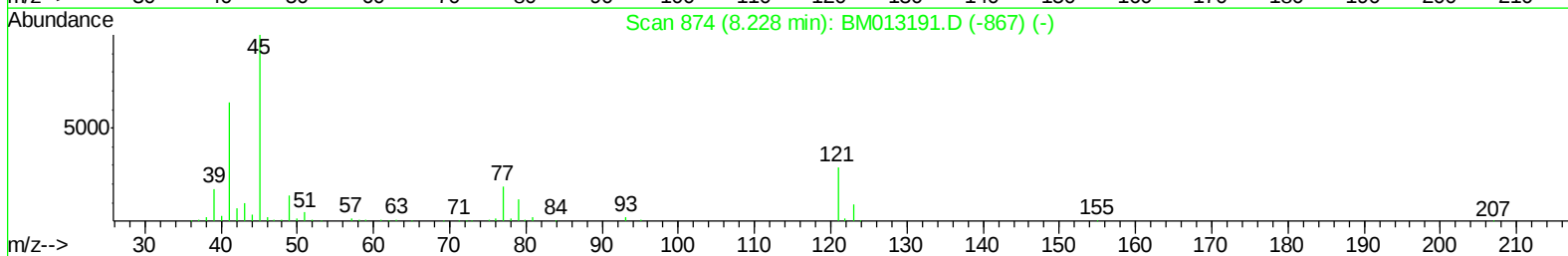
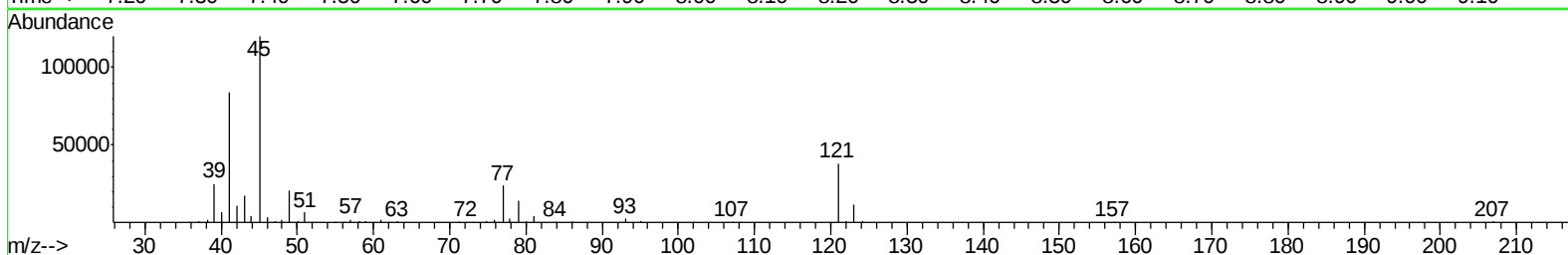
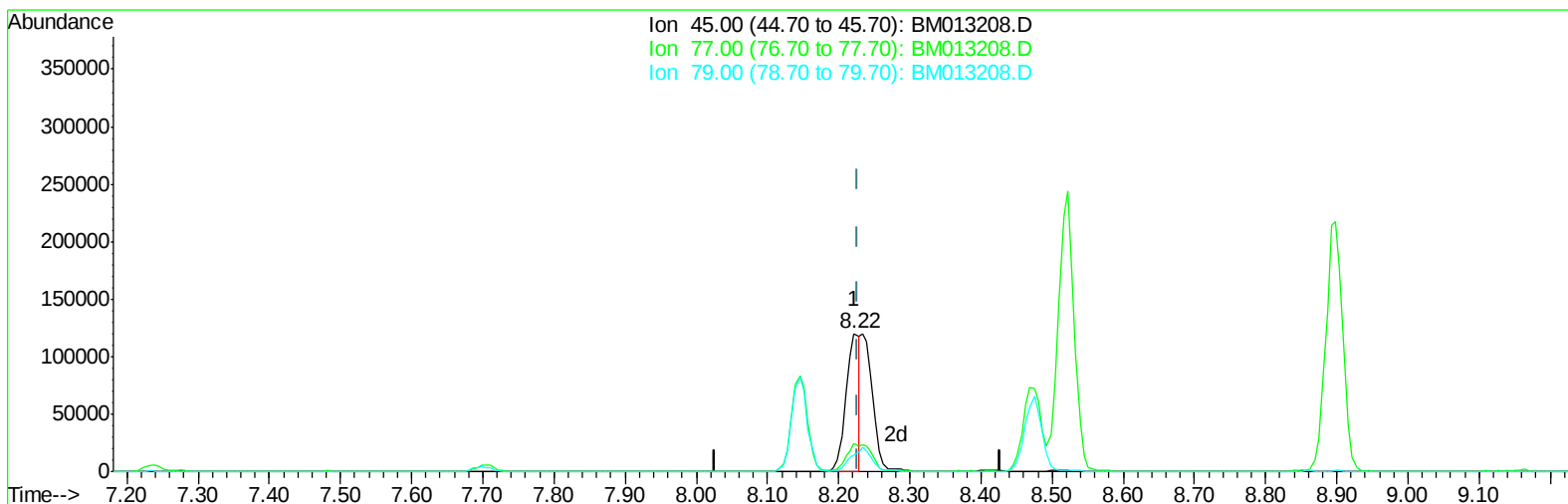
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 Data File : BM013208.D
 Acq On : 06 Dec 2017 02:41
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:31:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 06 01:31:21 2017
 Response via : Initial Calibration



TIC: BM013208.D

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

8.222min (-0.006) 10.89ng/ul

response 159244

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	20.05#
79.00	10.00	12.10#
0.00	0.00	0.00

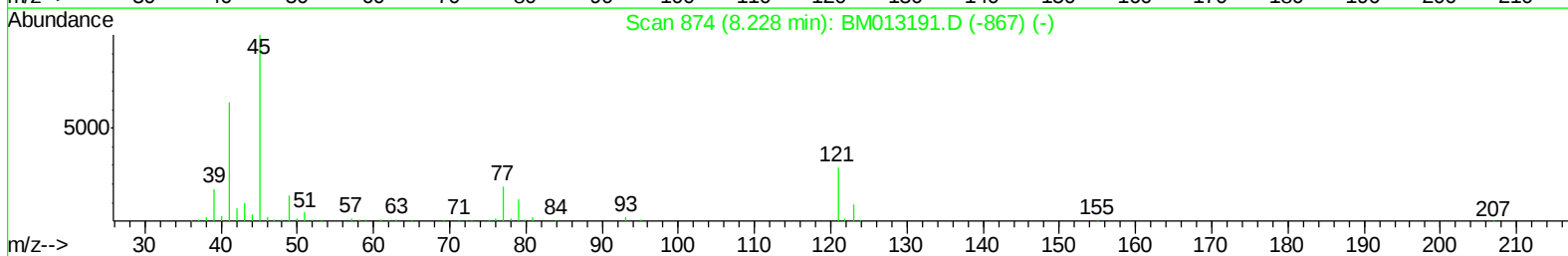
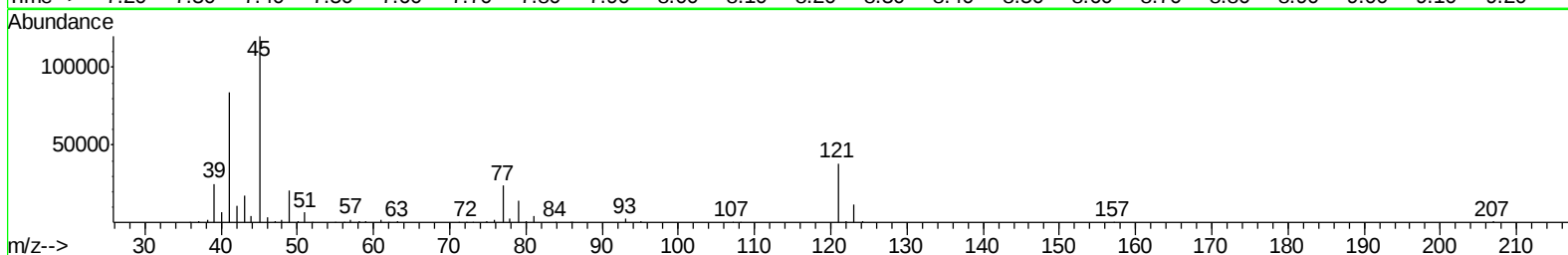
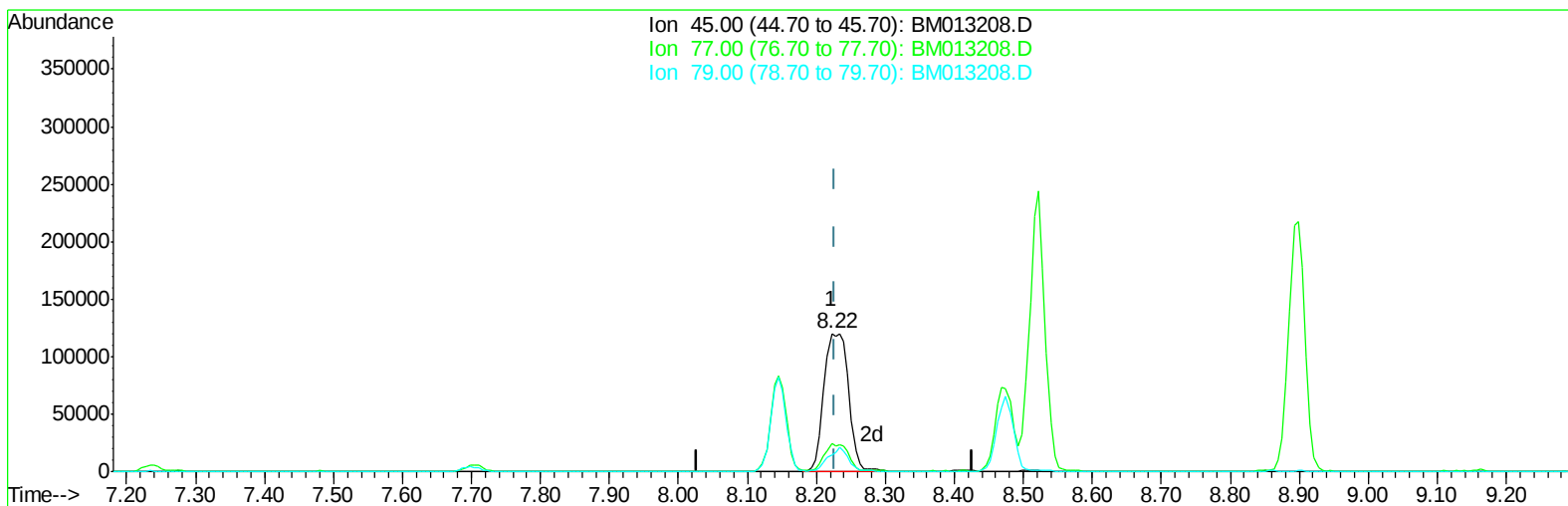
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013208.D
 Acq On : 06 Dec 2017 02:41
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:31:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 06 01:31:21 2017
 Response via : Initial Calibration



TIC: BM013208.D

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

8.222min (-0.006) 20.47ng/ul m

response 299408

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	20.05#
79.00	10.00	12.10#
0.00	0.00	0.00

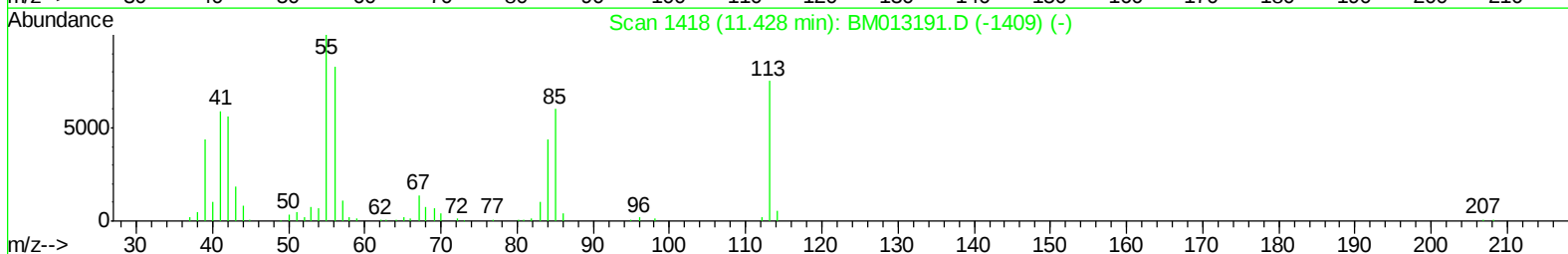
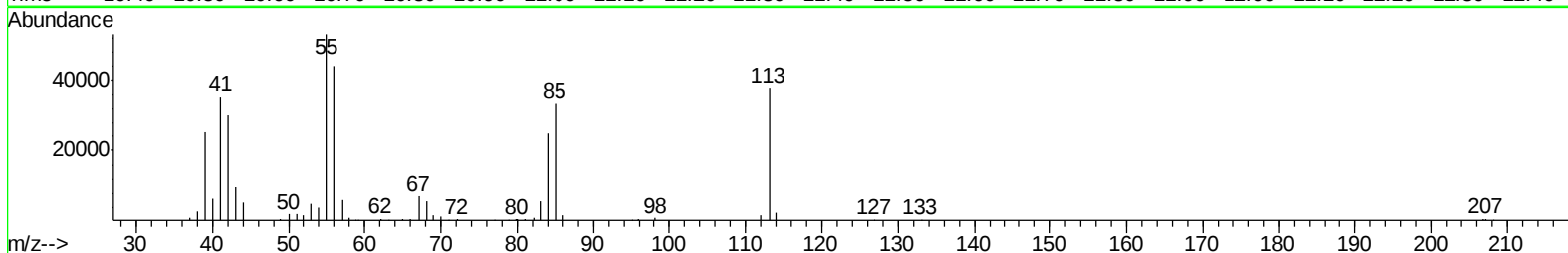
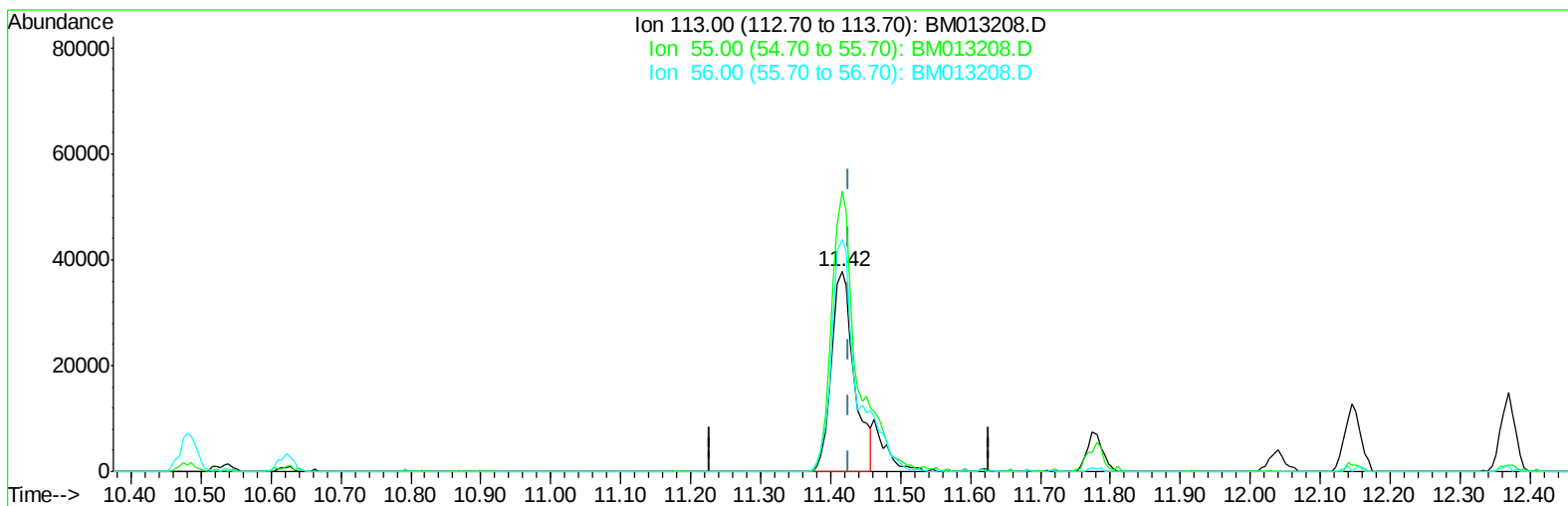
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
Data File : BM013208.D
Acq On : 06 Dec 2017 02:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

Sohil
12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:31:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 06 01:31:21 2017
Response via : Initial Calibration



TIC: BM013208.D

(32) Caprolactam

11.416min (-0.012) 17.49ng/ul

response 85701

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	140.21#
56.00	200.00	116.22#
0.00	0.00	0.00

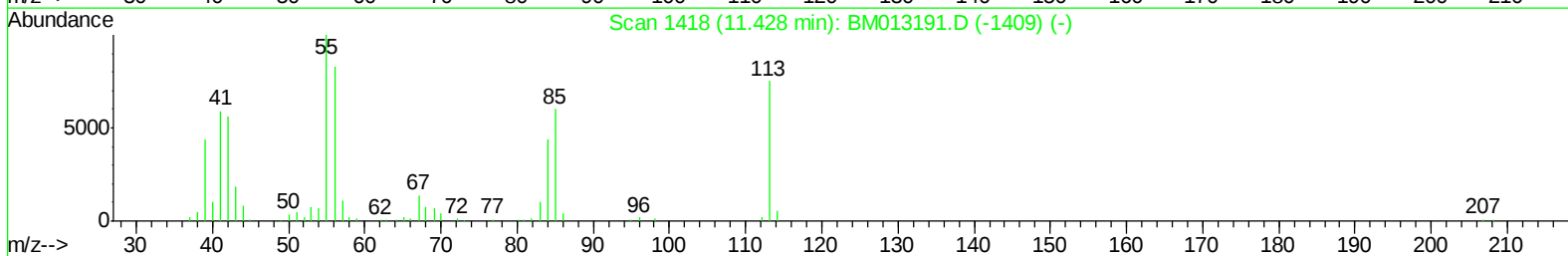
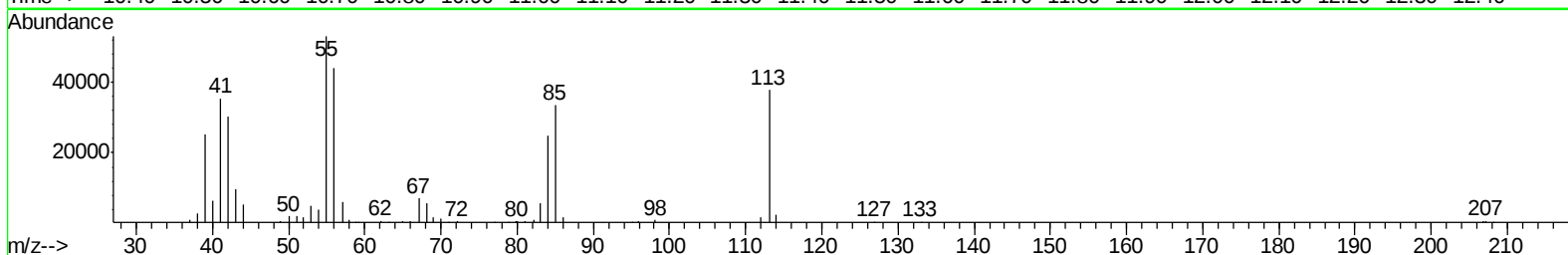
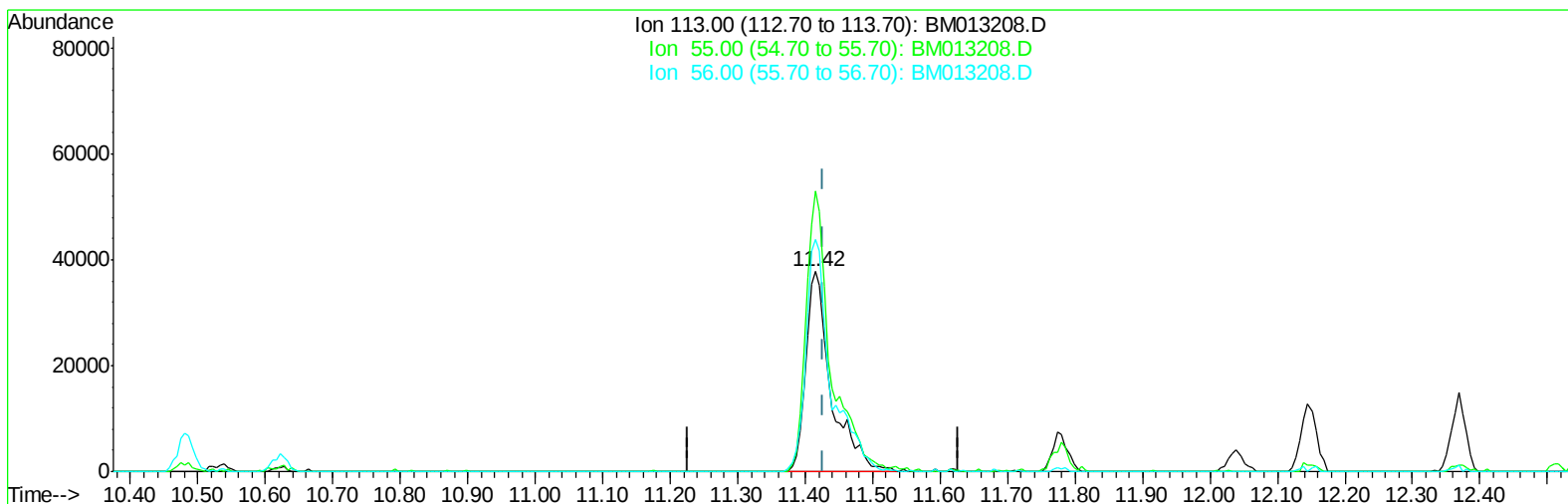
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
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Acq On : 06 Dec 2017 02:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

Sohil
12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:31:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 06 01:31:21 2017
Response via : Initial Calibration



TIC: BM013208.D

(32) Caprolactam

11.416min (-0.012) 20.07ng/ul m

response 98365

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	140.21#
56.00	200.00	116.22#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013208.D
 Acq On : 06 Dec 2017 02:41
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:33:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 06 01:31:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	212964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	949127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	597621	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1426701	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1414164	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1116853	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32765m	7.62	ng/uL	0.00
5) Phenol-d5	6.88	99	360433	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	208567	19.85	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	285790	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	307023	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	151796	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	157893	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	326915	19.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.62	131	368282	24.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1012687	19.04	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1274998	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	171034	18.51	ng/ul	0.00
57) Fluorene-d10	15.34	176	875476	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	159443	17.77	ng/ul	0.00
70) Anthracene-d10	17.19	188	1405496	19.67	ng/ul	0.00
76) Pyrene-d10	19.49	212	1527524	21.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1118351	19.66	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	34172	7.079	ng/uL# 70
4) Benzaldehyde	6.85	77	190416	20.885	ng/ul 89
6) Phenol	6.90	94	358802	19.698	ng/ul# 88
8) Bis(2-Chloroethyl)ether	7.13	93	269338	19.339	ng/ul 96
10) 2-Chlorophenol	7.27	128	279247	19.779	ng/ul 96
11) 2-Methylphenol	8.15	108	273873	19.441	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	299408m	20.475	ng/ul
14) Acetophenone	8.52	105	464943	19.422	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.51	70	241417	20.021	ng/ul# 72
16) 4-Methylphenol	8.47	108	298388	19.807	ng/ul 100
17) Hexachloroethane	8.77	117	116013	18.874	ng/ul 81
20) Nitrobenzene	8.90	77	359036	18.936	ng/ul 93
21) Isophorone	9.42	82	665740	19.954	ng/ul# 93
23) 2-Nitrophenol	9.60	139	170342	20.397	ng/ul# 81
24) 2,4-Dimethylphenol	9.67	107	357271	19.614	ng/ul# 87
25) Bis(2-Chloroethoxy)methane	9.90	93	386126	19.775	ng/ul 95
27) 2,4-Dichlorophenol	10.13	162	303346	19.783	ng/ul# 90
28) Naphthalene	10.53	128	951019	19.476	ng/ul 100
30) 4-Chloroaniline	10.65	127	355109	24.041	ng/ul 96
31) Hexachlorobutadiene	10.82	225	208462	18.769	ng/ul 93
32) Caprolactam	11.42	113	98365m	20.072	ng/ul
33) 4-Chloro-3-methylphenol	11.78	107	333036	19.799	ng/ul 98
34) 2-Methylnaphthalene	12.15	142	718746	19.580	ng/ul 91

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\
 Data File : BM013208.D
 Acq On : 06 Dec 2017 02:41
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:15:11 PM

Quant Time: Dec 06 03:33:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 06 01:31:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	411877	19.100	ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	223939	15.778	ng/ul	96
38) 2,4,6-Trichlorophenol	12.77	196	270301	20.106	ng/ul	96
39) 2,4,5-Trichlorophenol	12.84	196	278718	19.517	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	967549	19.156	ng/ul	100
41) 2-Chloronaphthalene	13.21	162	769304	19.414	ng/ul	98
42) 2-Nitroaniline	13.42	65	231711	19.959	ng/ul	95
44) Dimethylphthalate	13.80	163	974441	19.158	ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	205474	19.807	ng/ul	94
47) Acenaphthylene	14.06	152	1168034	19.233	ng/ul	98
48) 3-Nitroaniline	14.25	138	194420	20.967	ng/ul	84
49) Acenaphthene	14.40	153	787192	19.027	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	92243	16.068	ng/ul	89
52) 4-Nitrophenol	14.57	109	166856	18.408	ng/ul#	80
53) Dibenzofuran	14.74	168	1178161	19.290	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	292233	19.365	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	255126	19.485	ng/ul#	90
56) Diethylphthalate	15.17	149	980882	19.227	ng/ul	94
58) Fluorene	15.39	166	959721	18.995	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	518529	18.908	ng/ul	96
60) 4-Nitroaniline	15.42	138	214736	19.628	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	162980	18.172	ng/ul	97
64) N-Nitrosodiphenylamine	15.61	169	826056	19.655	ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	329588	19.652	ng/ul	97
66) Hexachlorobenzene	16.39	284	348434	18.839	ng/ul#	92
67) Atrazine	16.56	200	321362	20.716	ng/ul#	89
68) Pentachlorophenol	16.74	266	198201	18.528	ng/ul	97
69) Phenanthrene	17.13	178	1566525	19.327	ng/ul	99
71) Anthracene	17.22	178	1604258	19.363	ng/ul	99
72) Carbazole	17.49	167	1366286	19.173	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1676675	20.154	ng/ul	99
74) Fluoranthene	19.15	202	1850066	18.626	ng/ul#	94
77) Pyrene	19.52	202	1868879	21.753	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	769593	22.926	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.20	252	571223	19.215	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	1774050	19.772	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1130356	22.340	ng/ul#	99
82) Chrysene	21.31	228	1626261	19.536	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1822563	22.948	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1525021	20.256	ng/ul#	96
86) Benzo(k)fluoranthene	22.88	252	1434395	20.245	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1334526	19.732	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	1306483	19.469	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.75	278	1105269	19.343	ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1051738	19.869	ng/ul#	96

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

