

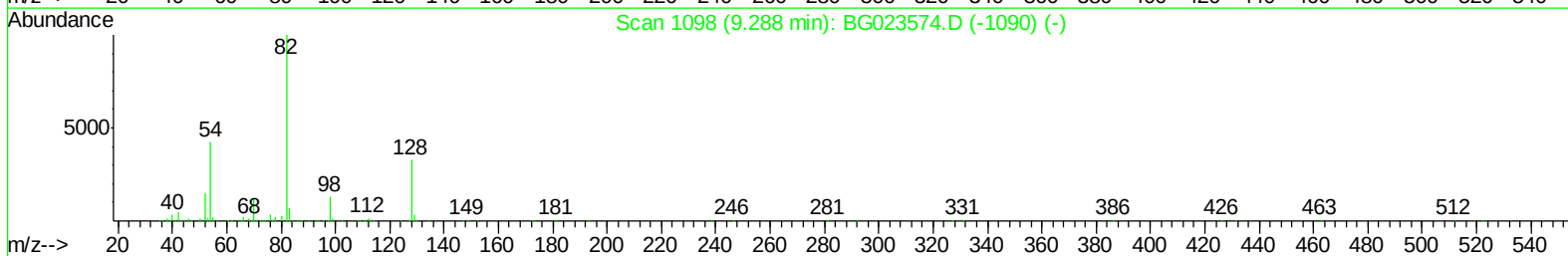
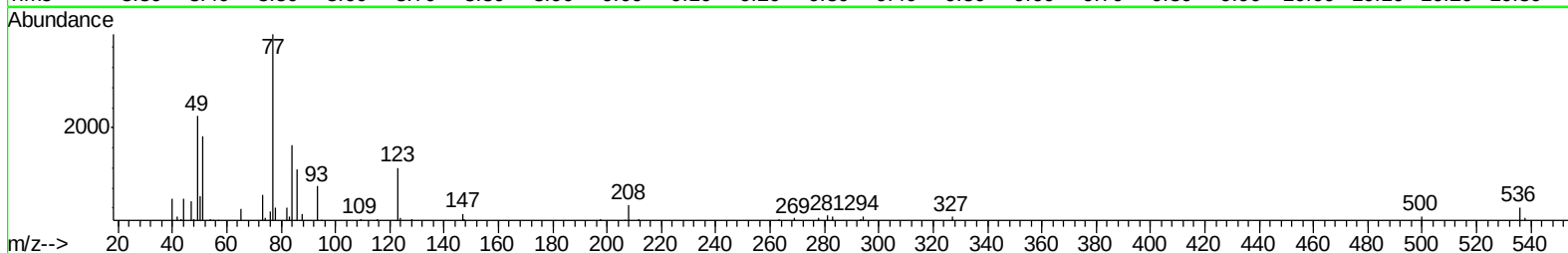
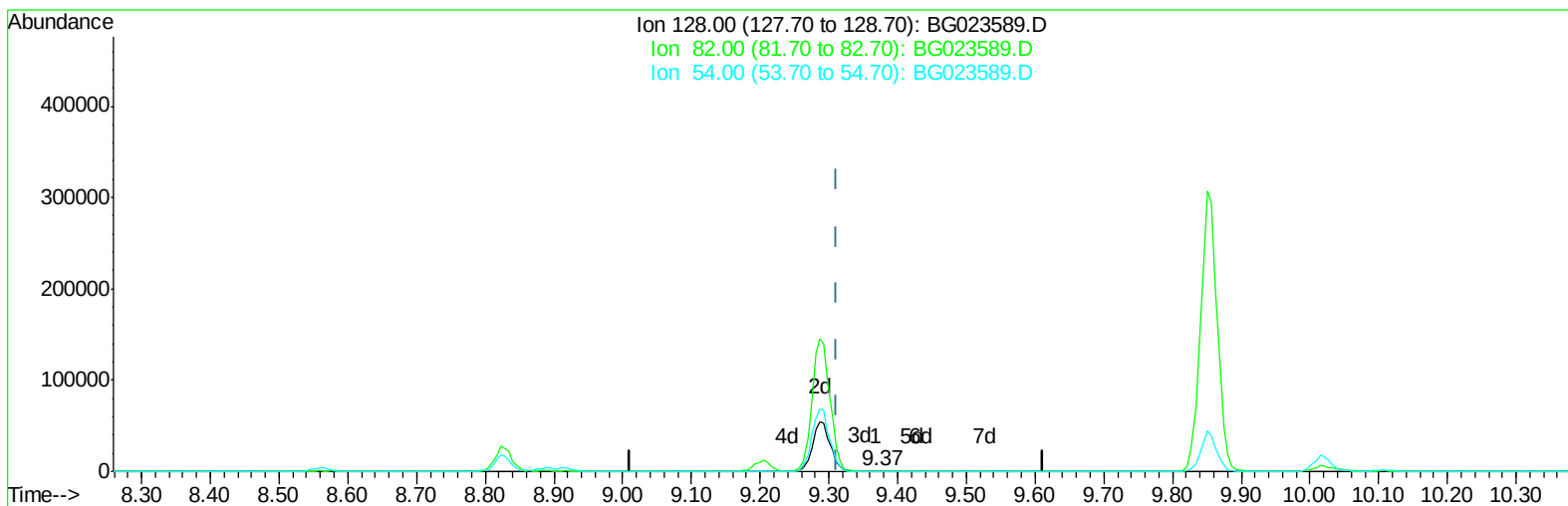
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations
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8/11/2016 6:11:26 PM

Quant Time: Aug 11 03:53:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023589.D

(19) Nitrobenzene-d5 (S)

9.369min (+0.058) 0.03ng/ul

response 122

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	218.23
54.00	78.50	92.19
0.00	0.00	0.00

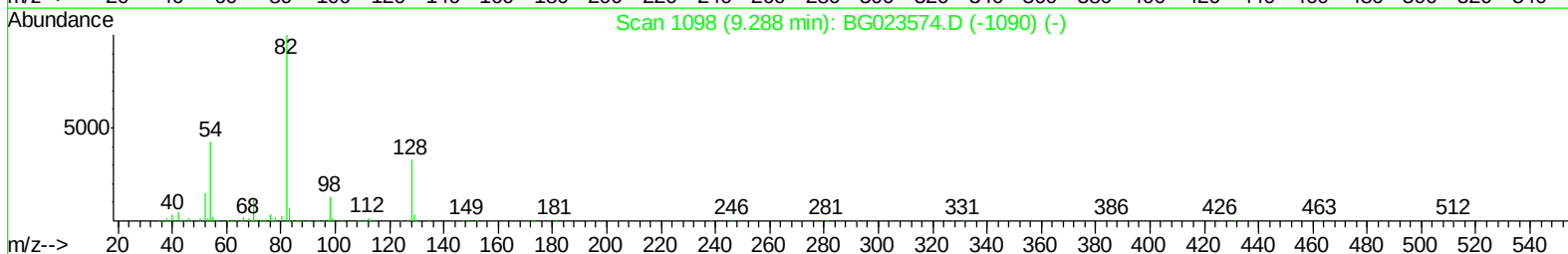
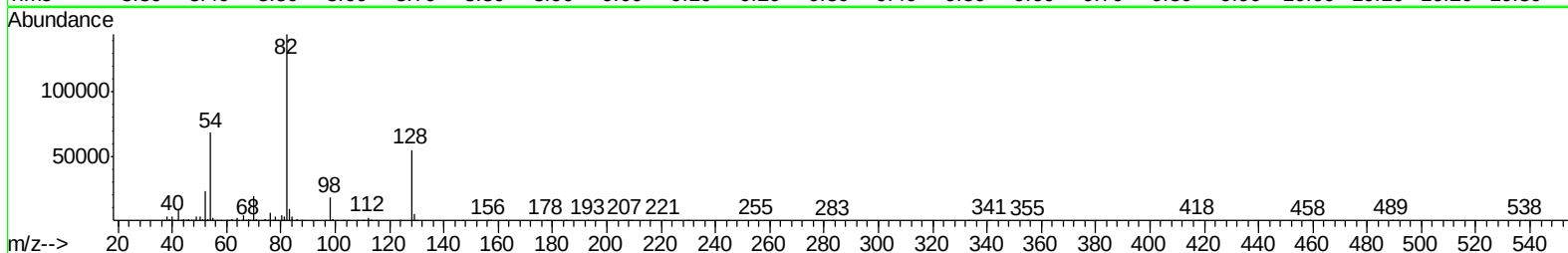
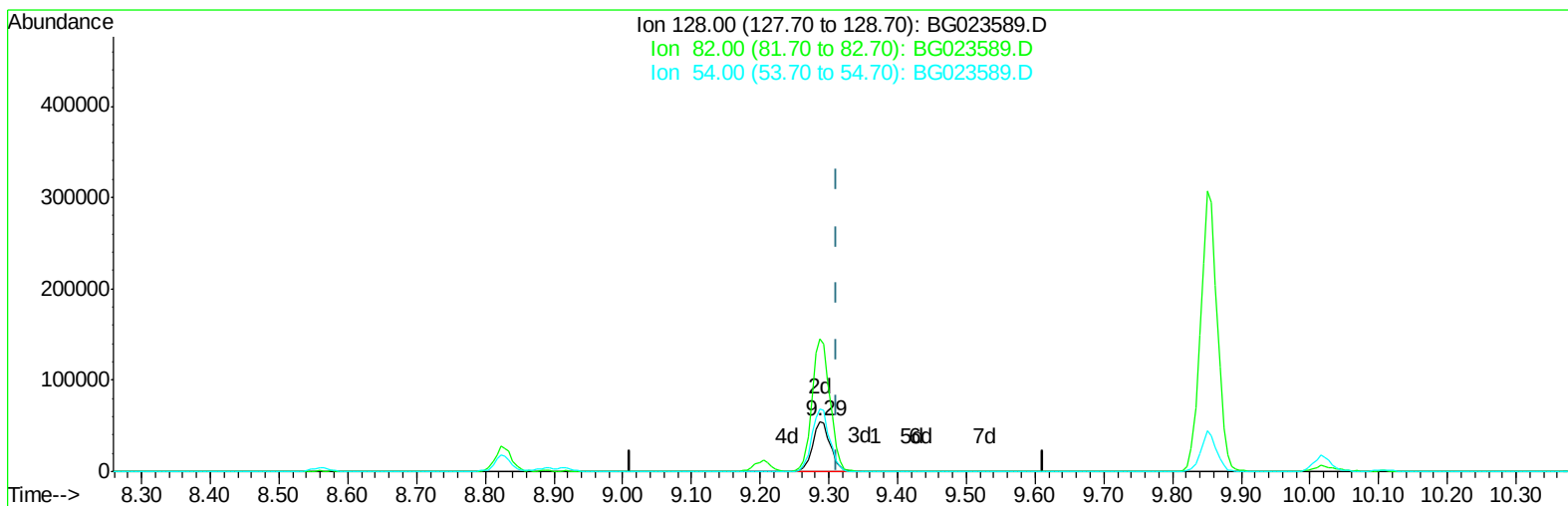
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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Quant Time: Aug 11 03:53:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023589.D

(19) Nitrobenzene-d5 (S)

9.287min (-0.025) 20.88ng/ul m

response 97788

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	264.33#
54.00	78.50	124.59#
0.00	0.00	0.00

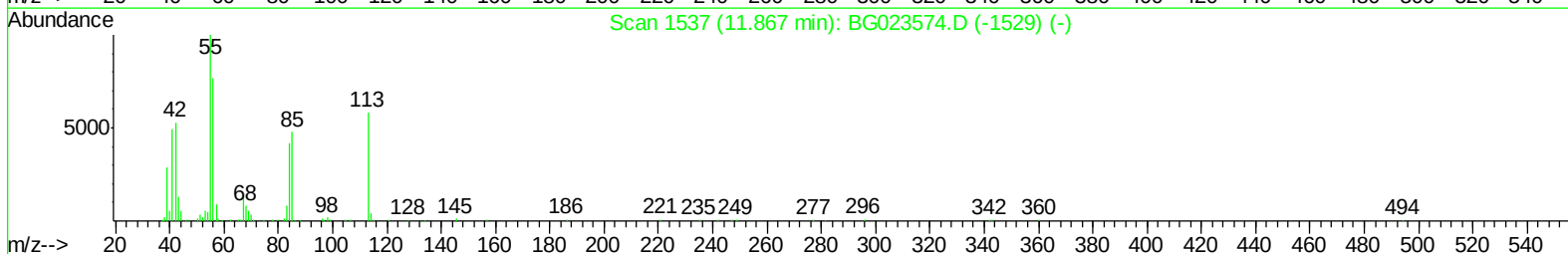
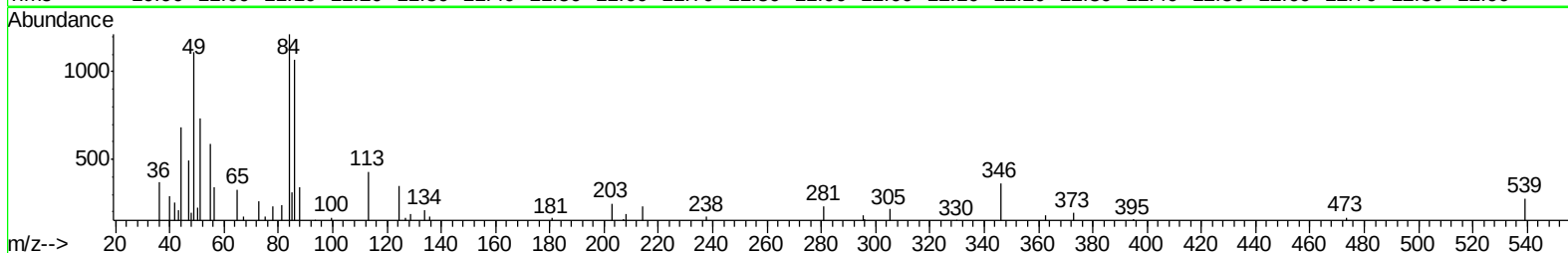
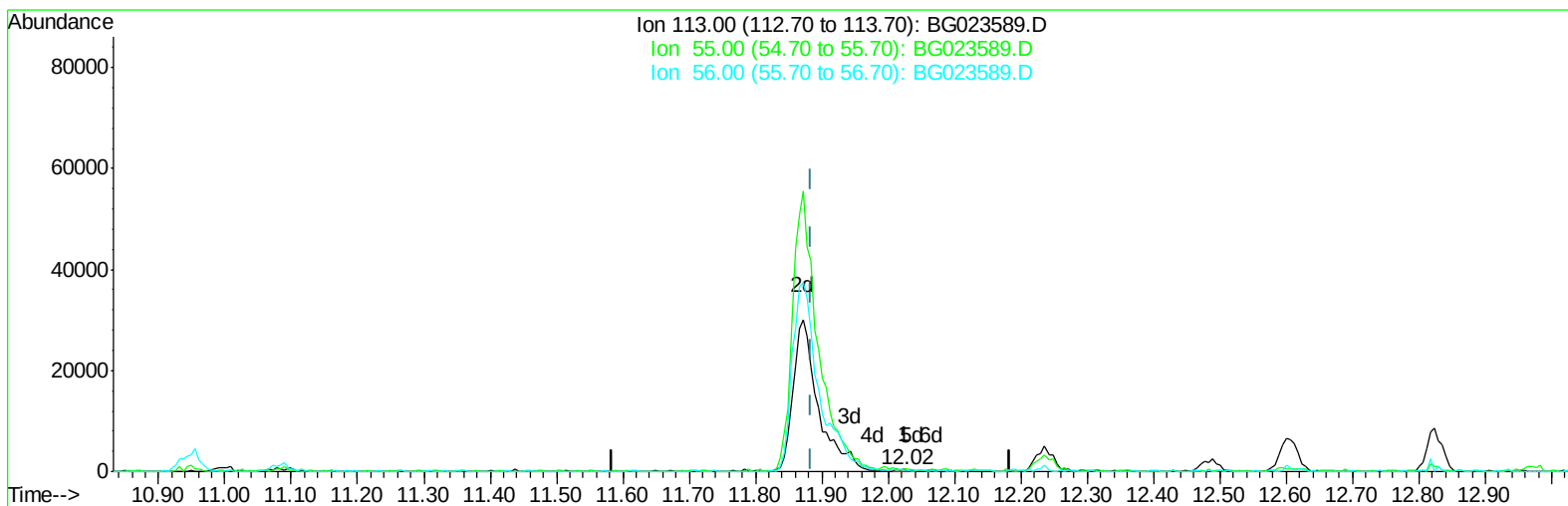
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations
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Quant Time: Aug 11 03:53:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023589.D

(32) Caprolactam

12.024min (+0.140) 0.10ng/ul

response 436

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	135.42
56.00	83.00	78.47
0.00	0.00	0.00

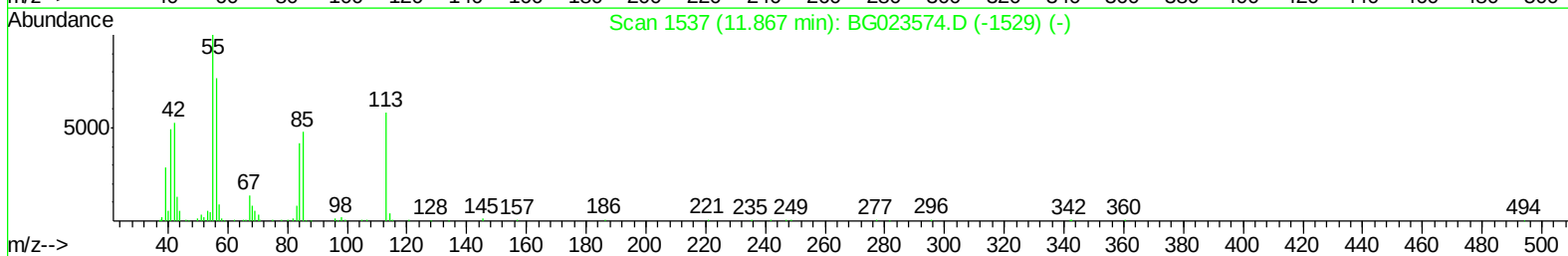
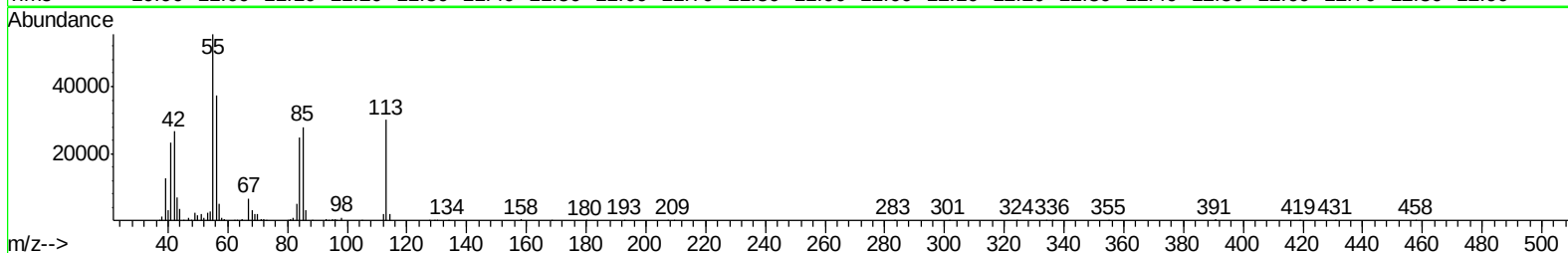
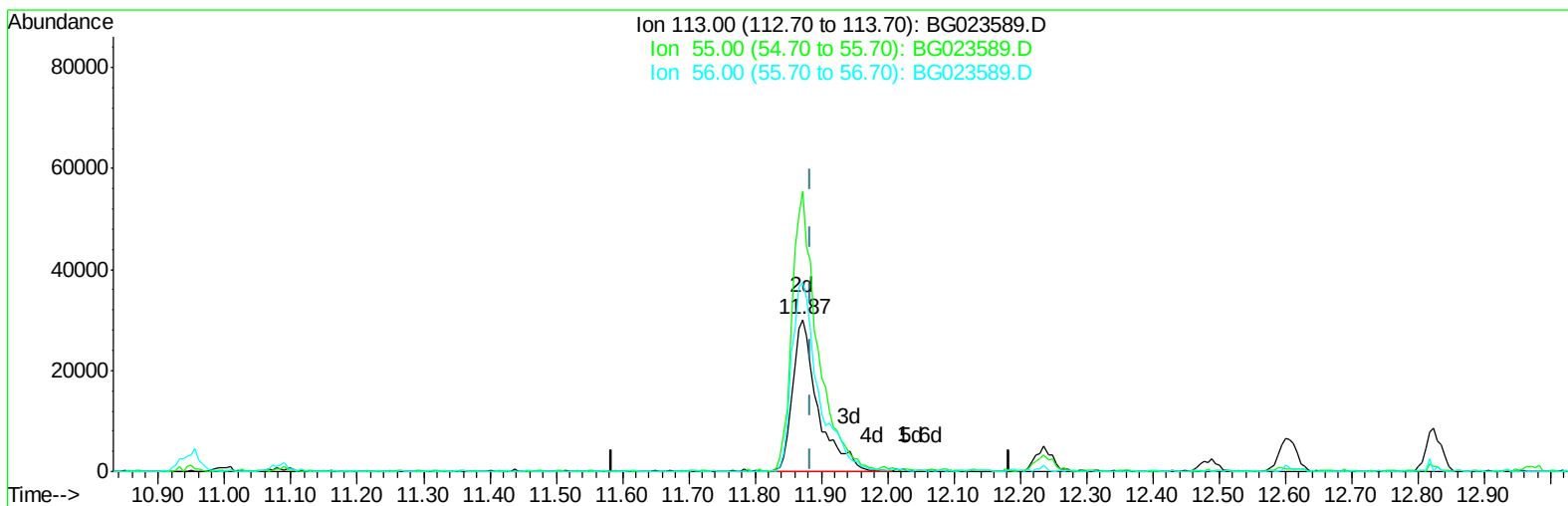
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 11 03:53:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023589.D

(32) Caprolactam

11.872min (-0.013) 19.12ng/ul m

response 81225

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	184.41#
56.00	83.00	124.41#
0.00	0.00	0.00

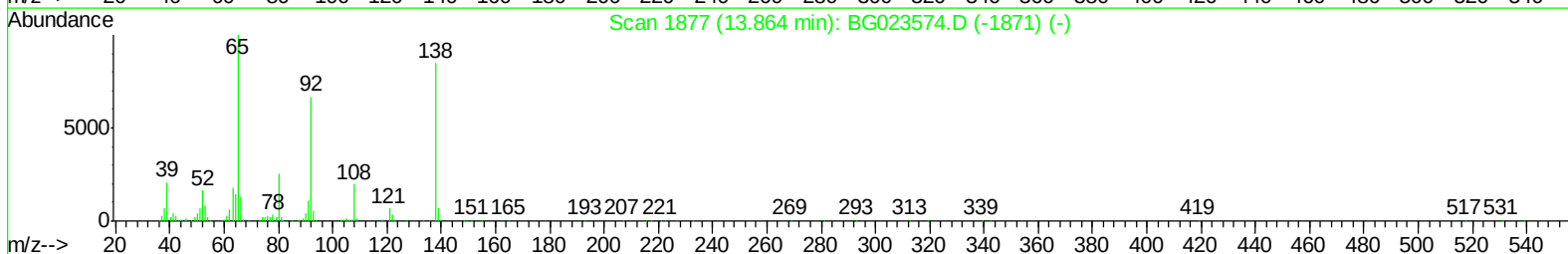
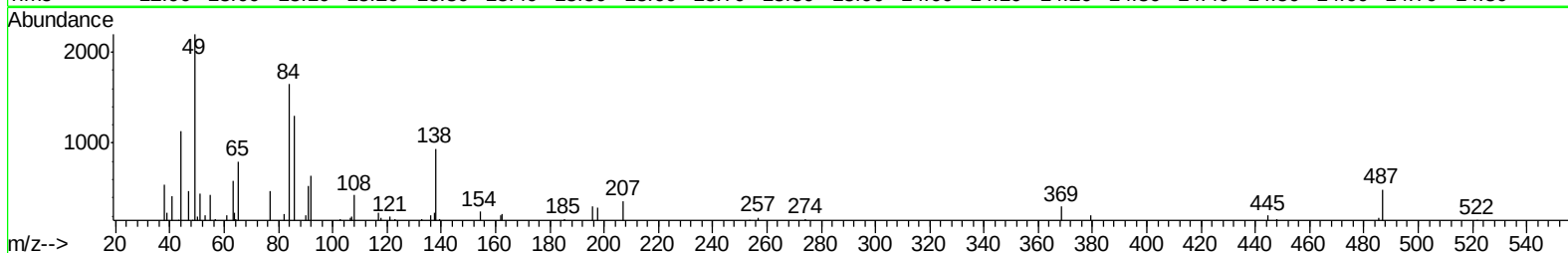
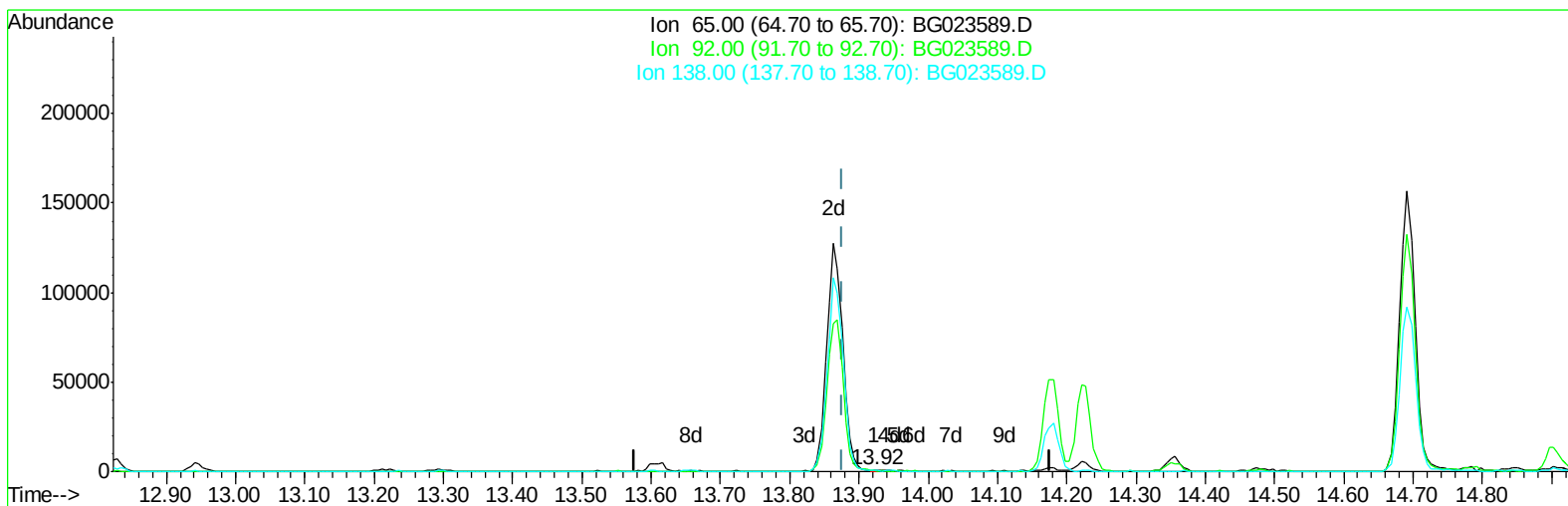
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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TIC: BG023589.D

(42) 2-Nitroaniline

13.922min (+0.046) 0.04ng/ul

response 400

Ion	Exp%	Act%
65.00	100	100
92.00	83.90	79.33
138.00	137.00	117.06
0.00	0.00	0.00

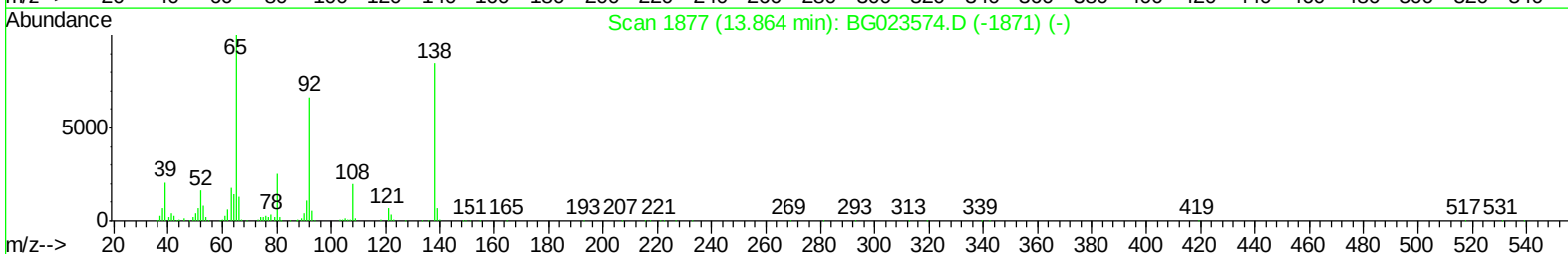
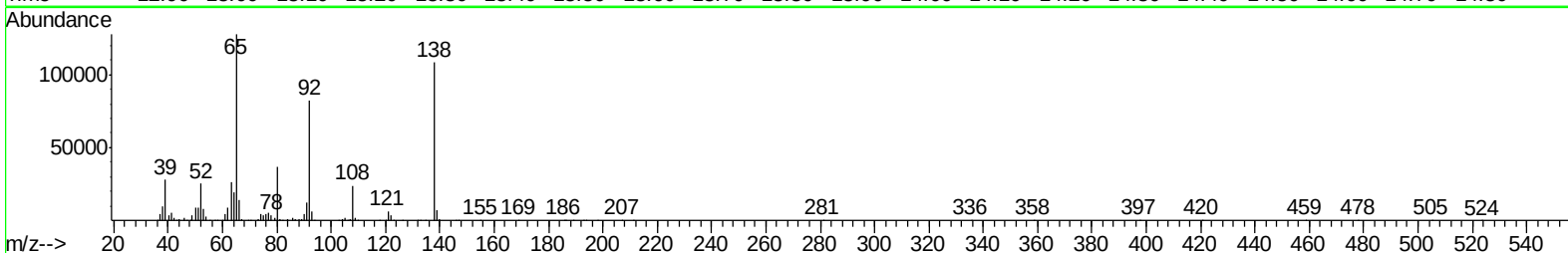
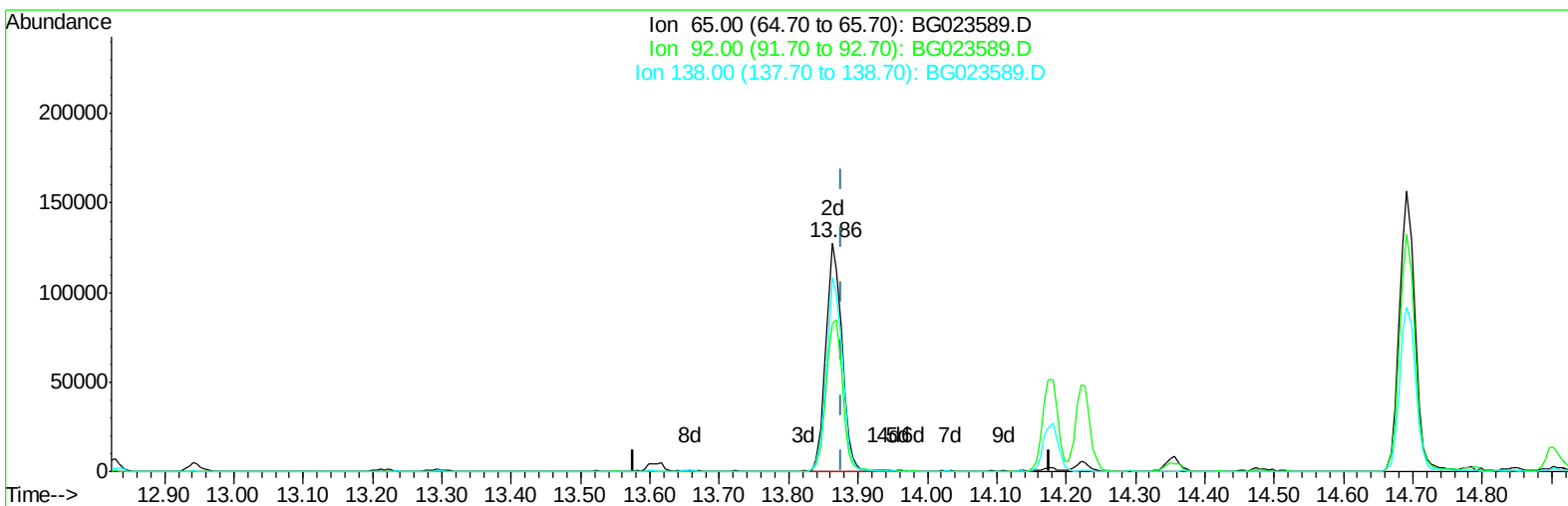
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations
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Quant Time: Aug 11 03:53:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023589.D

(42) 2-Nitroaniline

13.863min (-0.013) 21.04ng/ul m

response 206774

Ion	Exp%	Act%
65.00	100	100
92.00	83.90	64.71#
138.00	137.00	84.89#
0.00	0.00	0.00

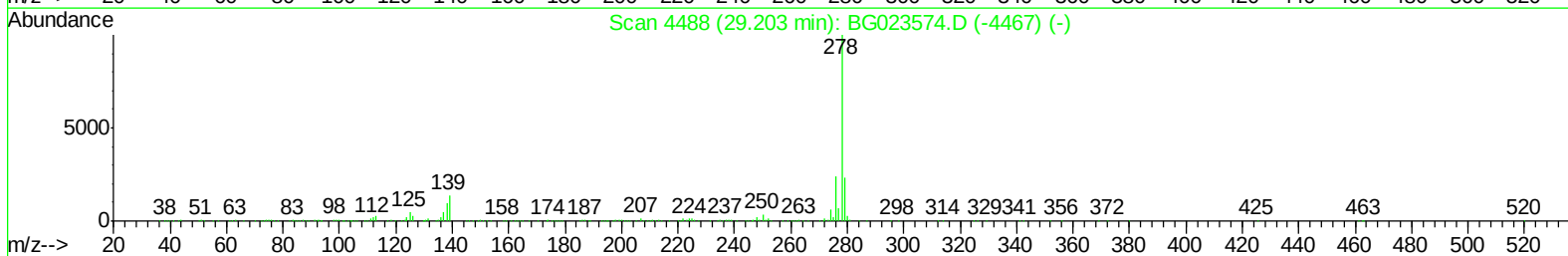
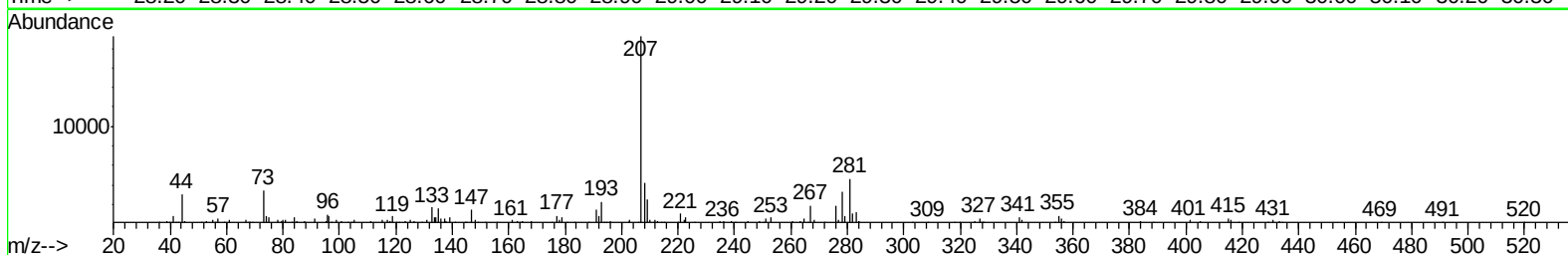
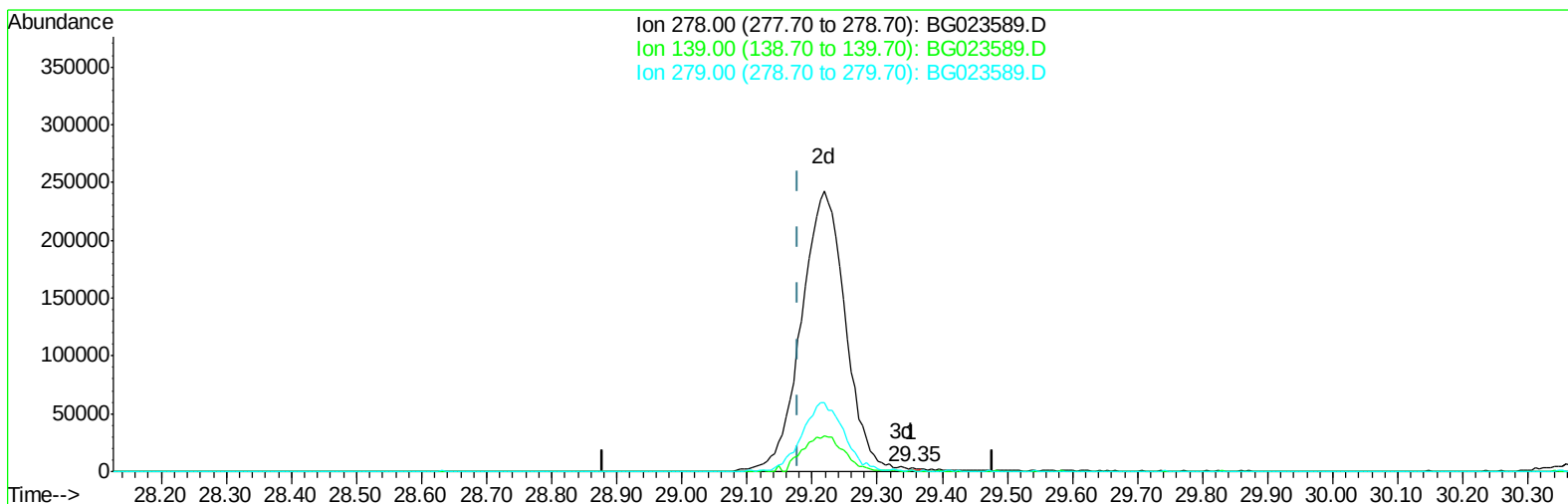
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
Data File : BG023589.D
Acq On : 10 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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Quant Time: Aug 11 03:53:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023589.D

(90) Dibenzo(a,h)anthracene

29.354min (+0.175) 0.02ng/ul

response 1188

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	18.30
279.00	23.90	23.07
0.00	0.00	0.00

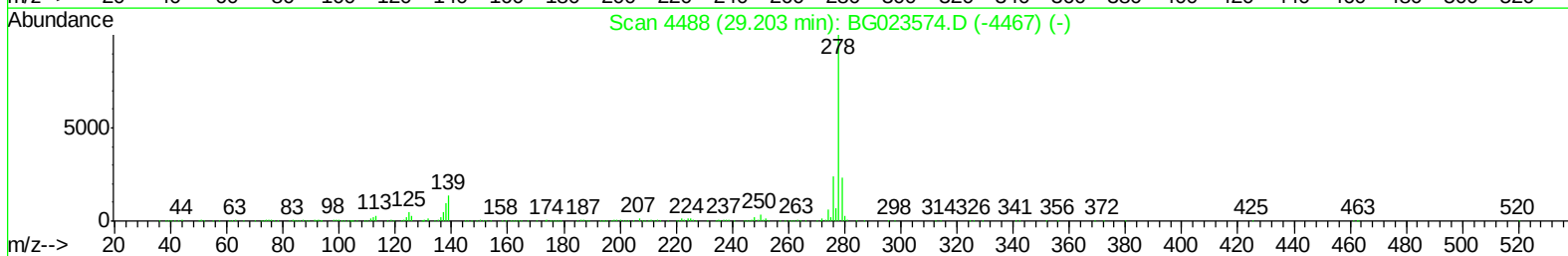
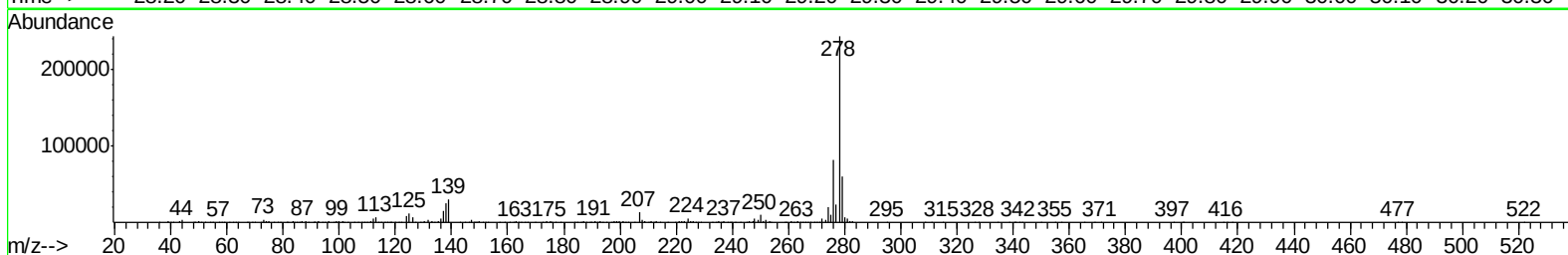
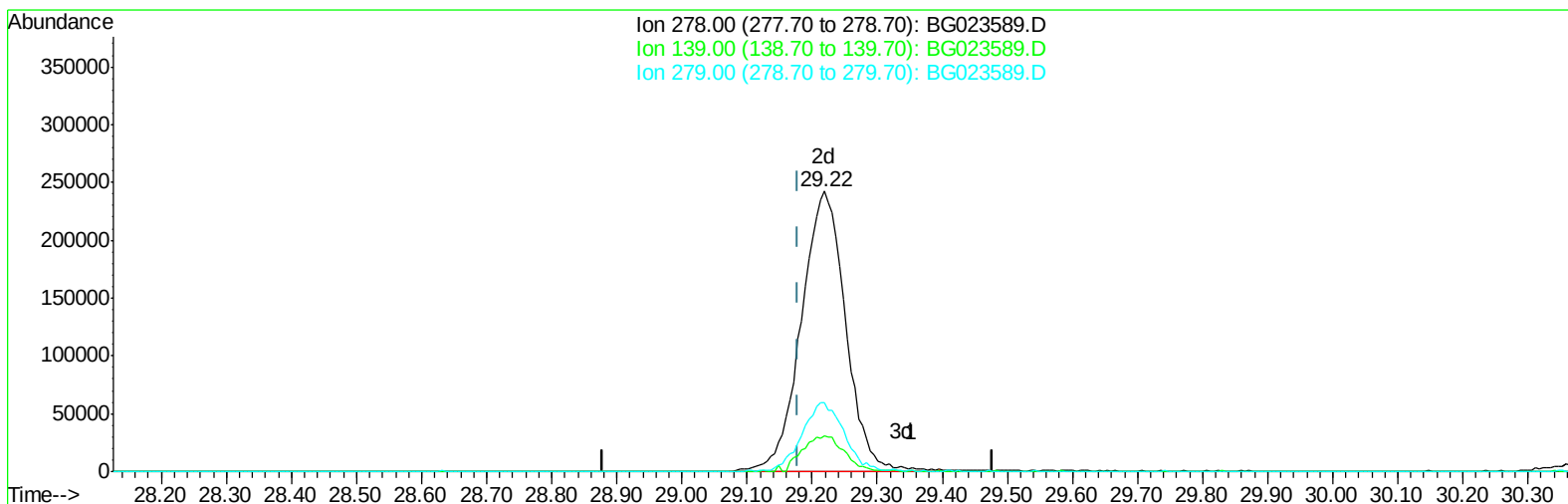
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081016\
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 Acq On : 10 Aug 2016 12:08
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02022

Manual Integrations
 APPROVED

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Quant Time: Aug 11 03:53:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration



TIC: BG023589.D

(90) Dibenzo(a,h)anthracene

29.219min (+0.040) 21.27ng/ul m

response 1151081

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	12.65#
279.00	23.90	24.66
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023589.D
 Acq On : 10 Aug 2016 12:08
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02022

Manual Integrations
 APPROVED

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Quant Time: Aug 11 03:56:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	133959	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	594093	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	421306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1021466	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1041136	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	983363	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	24719	7.85	ng/uL	0.00
5) Phenol-d5	7.27	99	262492	19.45	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	170156	19.68	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	178547	19.39	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	208098	19.75	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	97788m	20.88	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	110545	20.55	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	210048	20.70	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.08	131	267051	22.44	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	689656	19.99	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	804035	20.71	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.99	143	115229	19.57	ng/ul	-0.01
57) Fluorene-d10	15.78	176	638887	20.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	130547	19.92	ng/ul	0.00
70) Anthracene-d10	17.65	188	975495	21.20	ng/ul	0.00
76) Pyrene-d10	19.94	212	1089589	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	939443	21.11	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.52	88	27102	8.20 ng/uL#	91
4) Benzaldehyde	7.24	77	175884	21.38 ng/ul	85
6) Phenol	7.29	94	271664	19.33 ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.52	93	202012	19.80 ng/ul	88
10) 2-Chlorophenol	7.67	128	182035	19.41 ng/ul#	84
11) 2-Methylphenol	8.56	108	200834	18.98 ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.65	45	279659	20.03 ng/ul	98
14) Acetophenone	8.94	105	338154	20.01 ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	200256	19.70 ng/ul#	82
16) 4-Methylphenol	8.89	108	227075	19.14 ng/ul	98
17) Hexachloroethane	9.20	117	76513	18.91 ng/ul#	89
20) Nitrobenzene	9.33	77	274372	19.99 ng/ul#	80
21) Isophorone	9.85	82	519422	20.57 ng/ul#	92
23) 2-Nitrophenol	10.05	139	113791	19.60 ng/ul#	50
24) 2,4-Dimethylphenol	10.10	107	262953	20.64 ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.34	93	299083	20.54 ng/ul	97
27) 2,4-Dichlorophenol	10.60	162	207361	20.27 ng/ul	95
28) Naphthalene	11.00	128	627019	20.79 ng/ul	97
30) 4-Chloroaniline	11.11	127	265159	22.45 ng/ul	96
31) Hexachlorobutadiene	11.28	225	137412	20.17 ng/ul	97
32) Caprolactam	11.87	113	81225m	19.12 ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	266990	20.28 ng/ul#	83
34) 2-Methylnaphthalene	12.61	142	497164	20.33 ng/ul	91

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023589.D
 Acq On : 10 Aug 2016 12:08
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02022

Manual Integrations
 APPROVED

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 8/11/2016 6:11:26 PM

Quant Time: Aug 11 03:56:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	272188	21.04	ng/ul	98
37) Hexachlorocyclopentadiene	12.95	237	138387	19.34	ng/ul	92
38) 2,4,6-Trichlorophenol	13.22	196	189328	21.13	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	196245	20.43	ng/ul	94
40) 1,1'-Biphenyl	13.61	154	661647	21.37	ng/ul	96
41) 2-Chloronaphthalene	13.66	162	514171	21.36	ng/ul	97
42) 2-Nitroaniline	13.86	65	206774m	21.04	ng/ul	
44) Dimethylphthalate	14.22	163	684078	20.03	ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	147045	19.86	ng/ul#	80
47) Acenaphthylene	14.50	152	855347	21.07	ng/ul	99
48) 3-Nitroaniline	14.69	138	146656	21.06	ng/ul#	57
49) Acenaphthene	14.84	153	558170	20.18	ng/ul	92
50) 2,4-Dinitrophenol	14.90	184	80749	17.67	ng/ul#	89
52) 4-Nitrophenol	15.01	109	108574	18.41	ng/ul#	72
53) Dibenzofuran	15.18	168	832569	20.31	ng/ul	89
54) 2,4-Dinitrotoluene	15.15	165	221018	19.70	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.41	232	194060	19.67	ng/ul	99
56) Diethylphthalate	15.59	149	705881	19.77	ng/ul	95
58) Fluorene	15.84	166	677500	19.84	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	343310	19.99	ng/ul	94
60) 4-Nitroaniline	15.86	138	169945	21.05	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.92	198	142770	20.75	ng/ul#	95
64) N-Nitrosodiphenylamine	16.04	169	618869	21.68	ng/ul	95
65) 4-Bromophenyl-phenylether	16.72	248	244010	20.83	ng/ul	94
66) Hexachlorobenzene	16.85	284	258360	20.70	ng/ul	93
67) Atrazine	16.99	200	246753	20.93	ng/ul	94
68) Pentachlorophenol	17.20	266	131819	19.14	ng/ul	94
69) Phenanthrene	17.59	178	1128377	21.33	ng/ul	99
71) Anthracene	17.68	178	1160056	21.49	ng/ul	99
72) Carbazole	17.96	167	1020463	23.46	ng/ul	99
73) Di-n-butylphthalate	18.50	149	1202169	22.07	ng/ul#	96
74) Fluoranthene	19.60	202	1312109	24.23	ng/ul	95
77) Pyrene	19.97	202	1343990	20.88	ng/ul	95
78) Butylbenzylphthalate	20.85	149	527651	21.37	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.76	252	412161	22.47	ng/ul#	98
80) Benzo(a)anthracene	21.85	228	1226845	20.92	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	724380	22.07	ng/ul#	98
82) Chrysene	21.92	228	1118111	20.97	ng/ul	95
84) Di-n-octyl phthalate	23.00	149	1182029	23.80	ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	1196162	21.39	ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	1155015	20.98	ng/ul#	90
88) Benzo(a)pyrene	25.11	252	1148209	21.26	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.15	276	1324589	20.87	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.22	278	1151081m	21.27	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	1089370	20.71	ng/ul#	85

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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sohil
8/11/2016 6:11:26 PM

Quant Time: Aug 11 03:56:36 2016
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QLast Update : Wed Aug 10 05:01:49 2016
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