

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

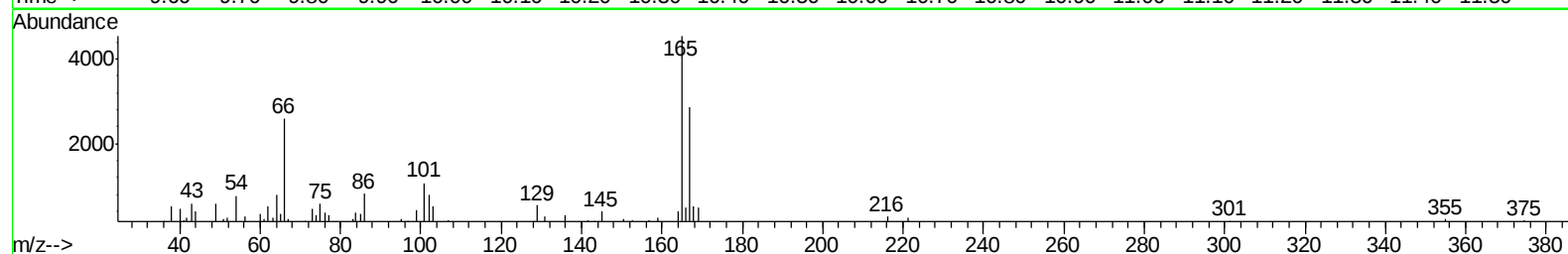
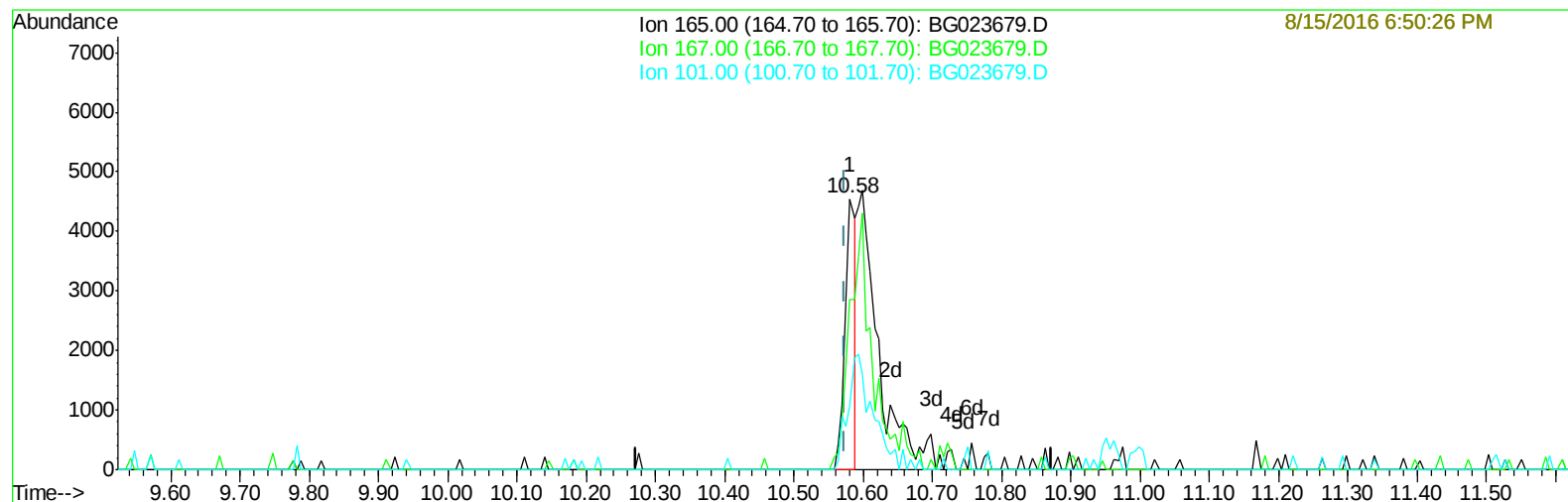
Manual Integrations
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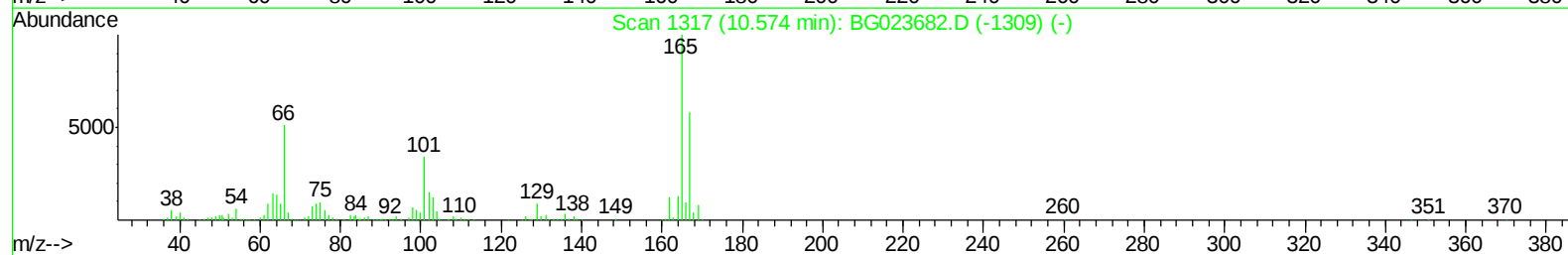
Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

8/15/2016 6:50:26 PM

Ion 165.00 (164.70 to 165.70): BG023679.D
Ion 167.00 (166.70 to 167.70): BG023679.D
Ion 101.00 (100.70 to 101.70): BG023679.D



Scan 1317 (10.574 min): BG023682.D (-1309) (-)



TIC: BG023679.D

(26) 2,4-Dichlorophenol-d3 (S)

10.581min (+0.008) 0.56ng/ul

response 4614

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	62.87
101.00	31.80	23.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
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Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

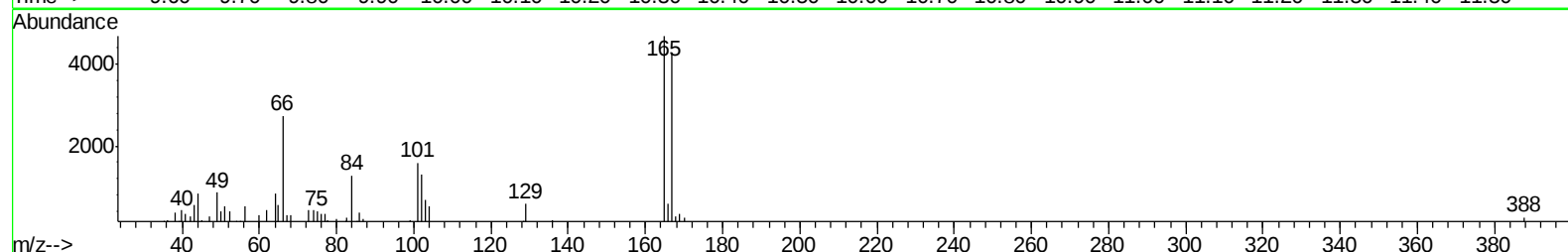
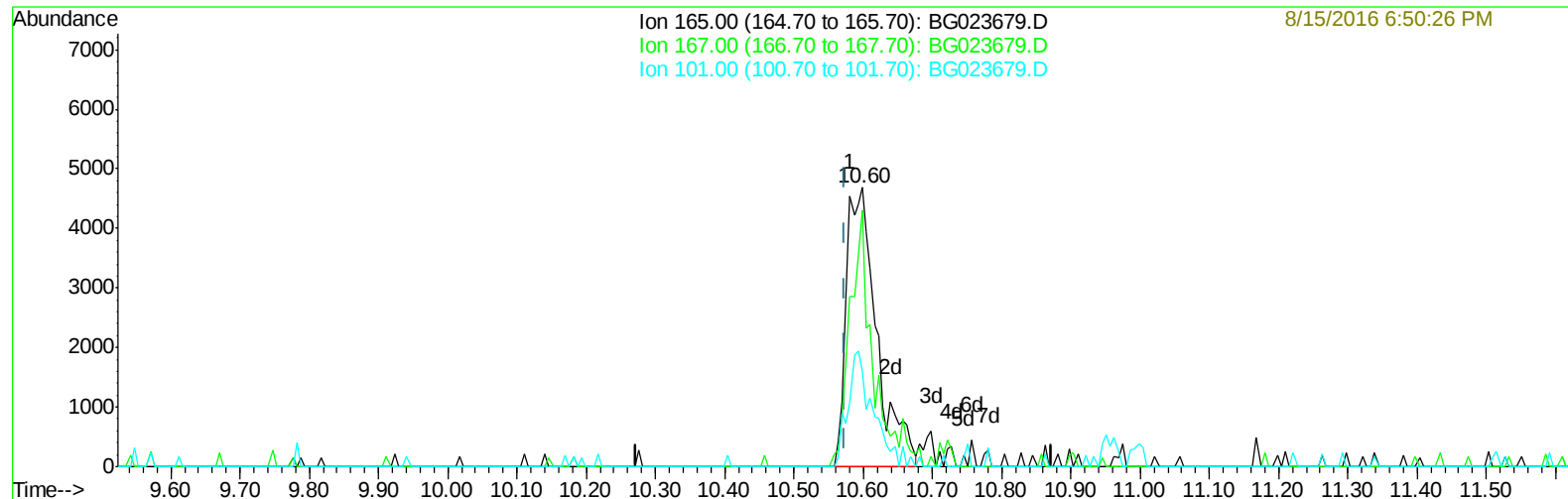
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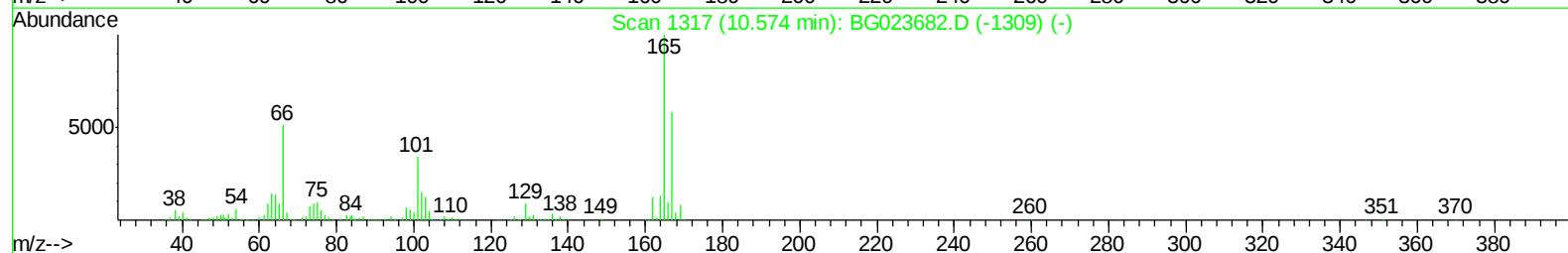
Quant Time: Aug 15 18:25:51 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
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8/15/2016 6:50:26 PM

Ion 165.00 (164.70 to 165.70): BG023679.D
Ion 167.00 (166.70 to 167.70): BG023679.D
Ion 101.00 (100.70 to 101.70): BG023679.D



Scan 1317 (10.574 min): BG023682.D (-1309) (-)



TIC: BG023679.D

(26) 2,4-Dichlorophenol-d3 (S)

10.599min (+0.025) 1.72ng/ul m

response 14206

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	91.70#
101.00	31.80	34.06
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

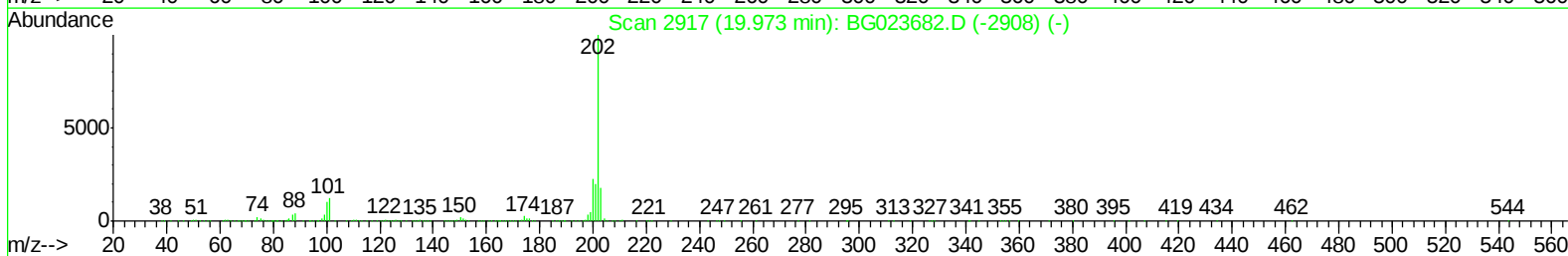
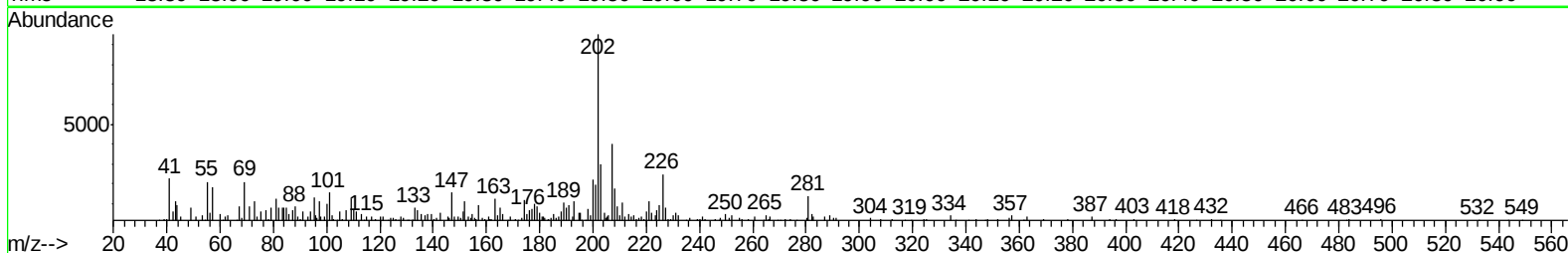
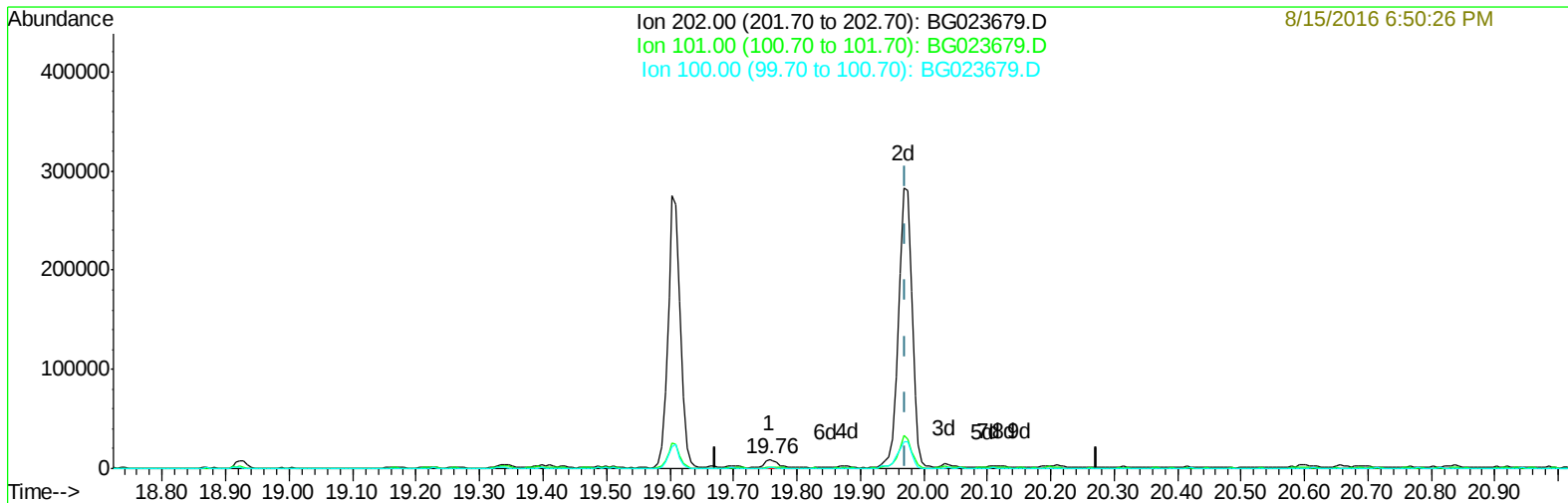
Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Manual Integrations
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Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

8/15/2016 6:50:26 PM



TIC: BG023679.D

(77) Pyrene

19.757min (-0.216) 0.30ng/ul

response 14135

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	16.34
100.00	12.80	10.43
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

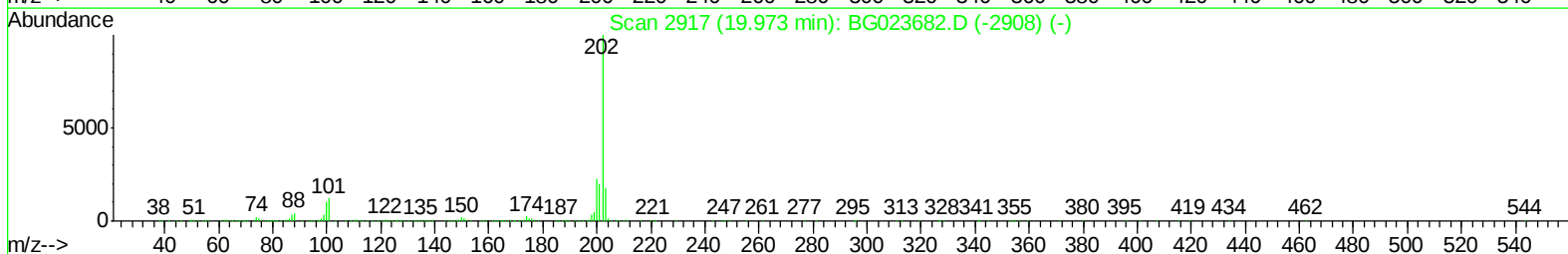
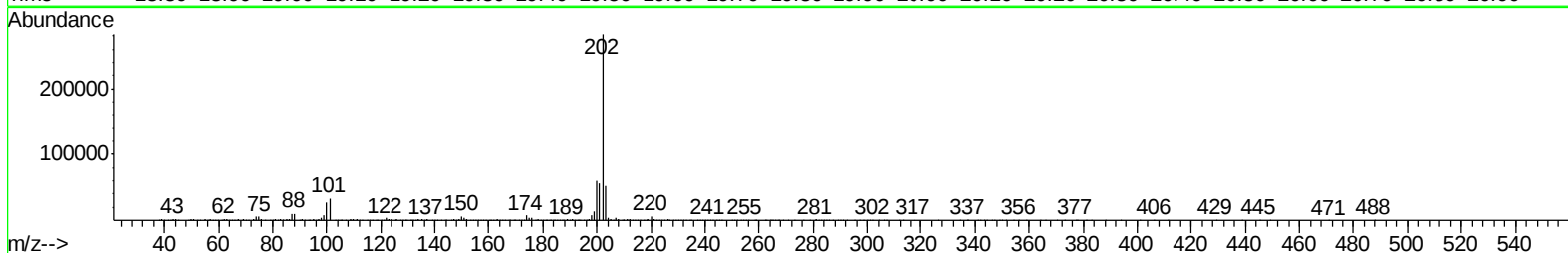
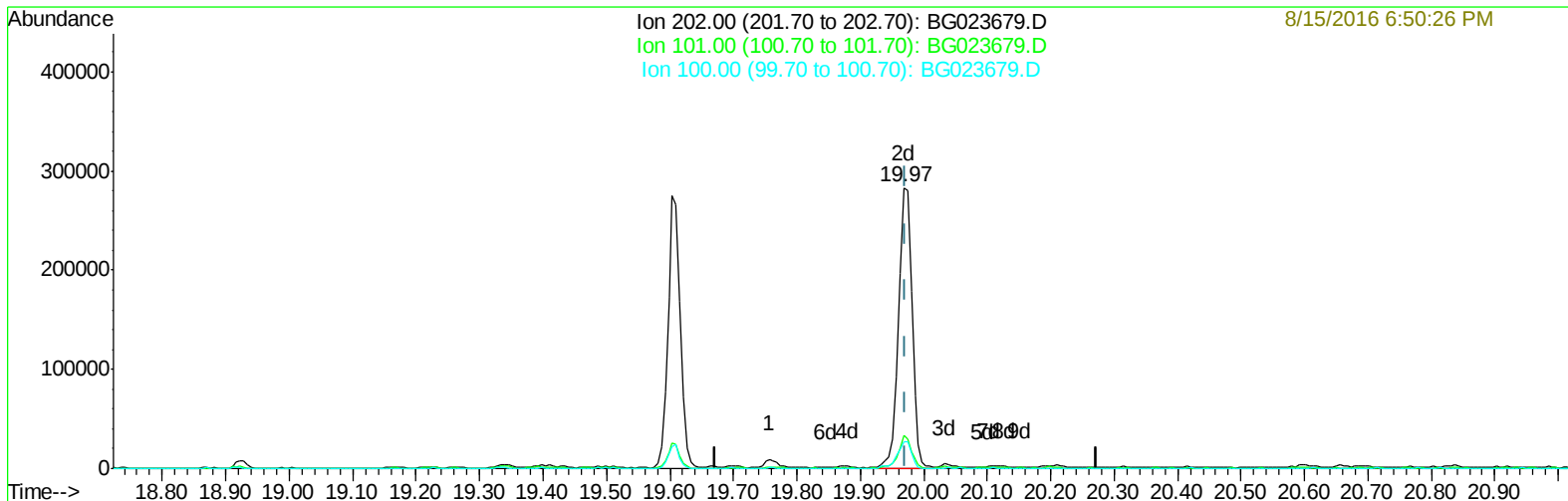
Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Manual Integrations
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Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

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TIC: BG023679.D

(77) Pyrene

19.968min (-0.004) 8.84ng/ul m

response 422332

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	12.03#
100.00	12.80	9.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

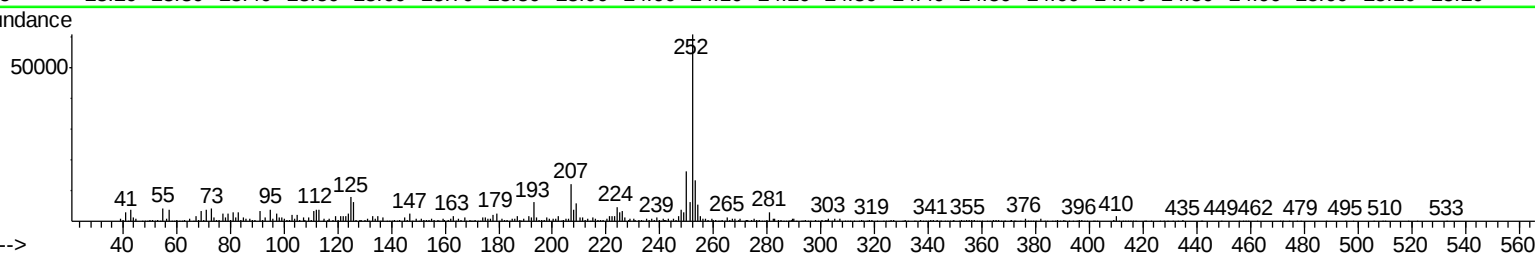
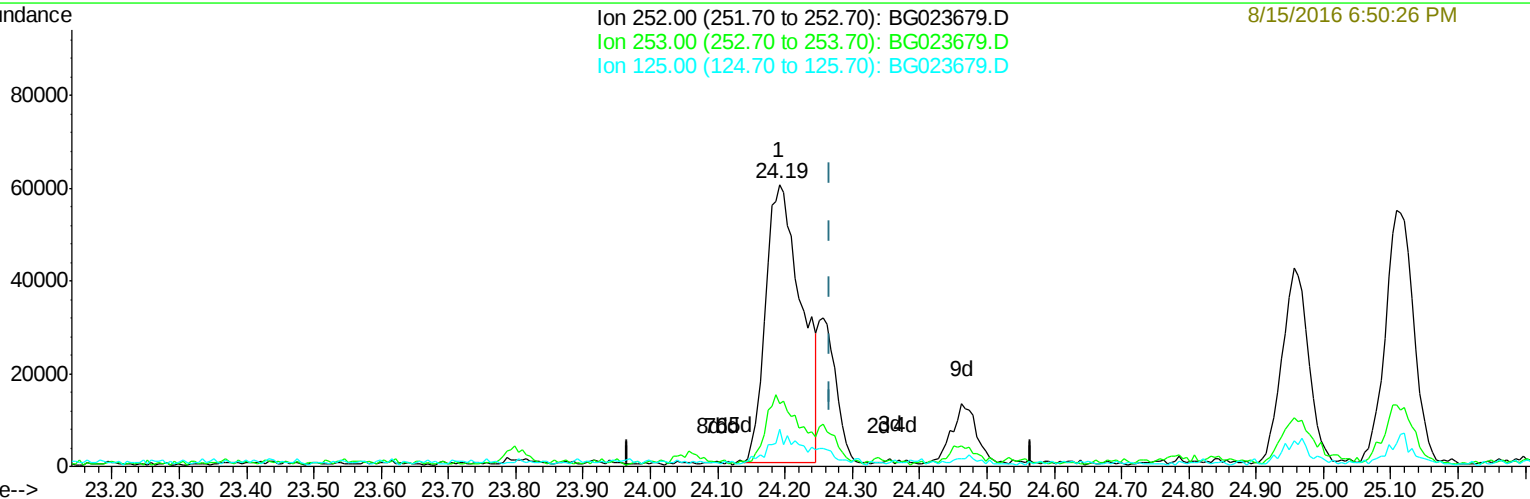
Manual Integrations
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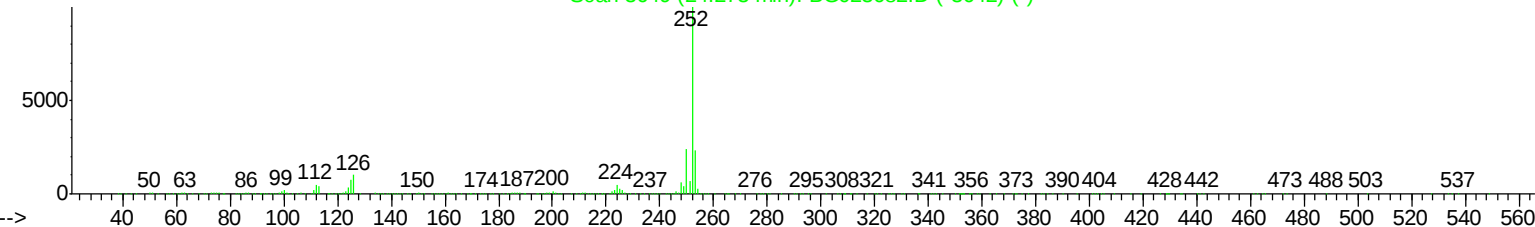
Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

8/15/2016 6:50:26 PM

Ion 252.00 (251.70 to 252.70): BG023679.D
Ion 253.00 (252.70 to 253.70): BG023679.D
Ion 125.00 (124.70 to 125.70): BG023679.D



Scan 3649 (24.273 min): BG023682.D (-3642) (-)



TIC: BG023679.D

(86) Benzo(k)fluoranthene

24.192min (-0.075) 5.17ng/ul

response 222236

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	22.13
125.00	13.30	13.04
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

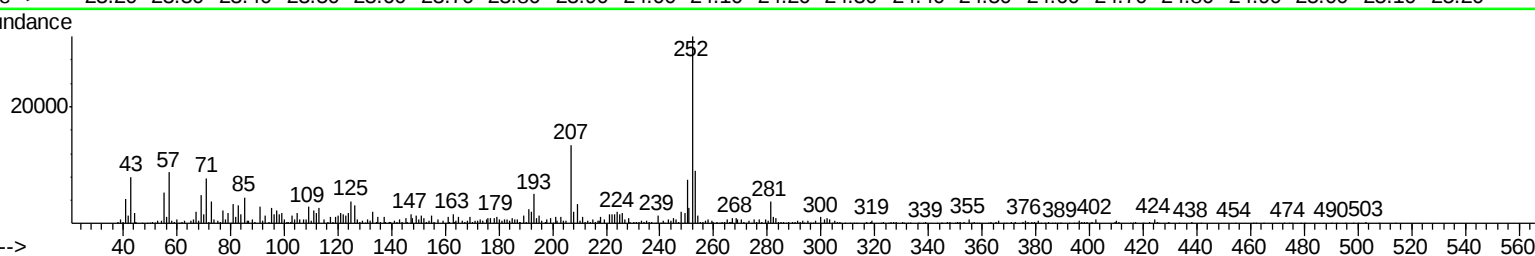
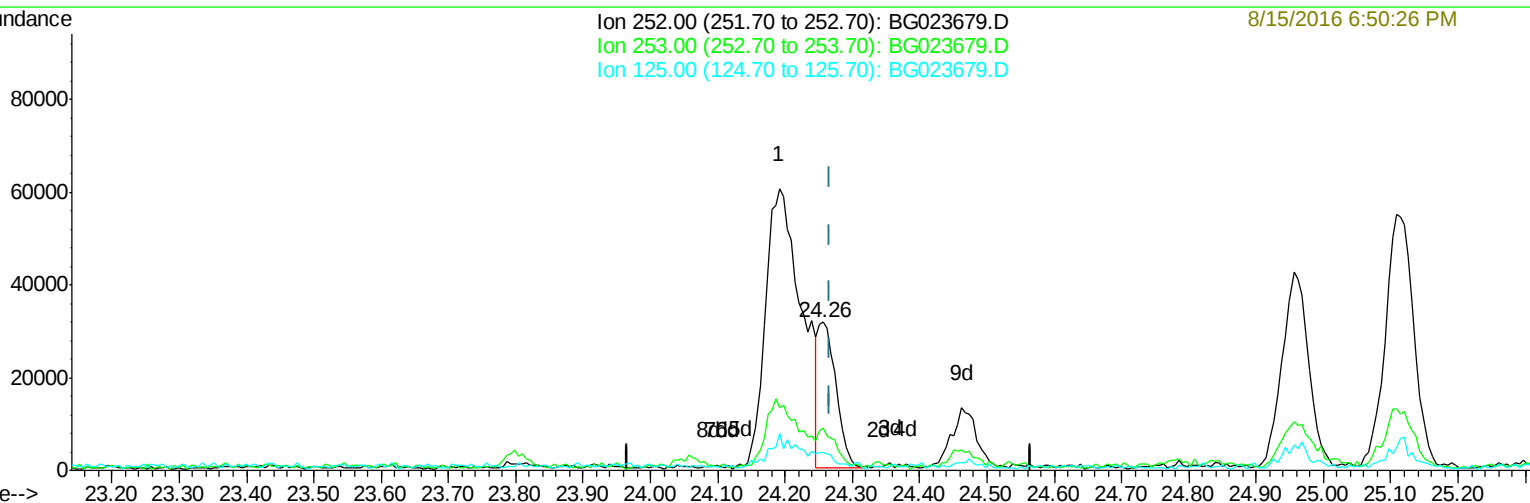
Manual Integrations
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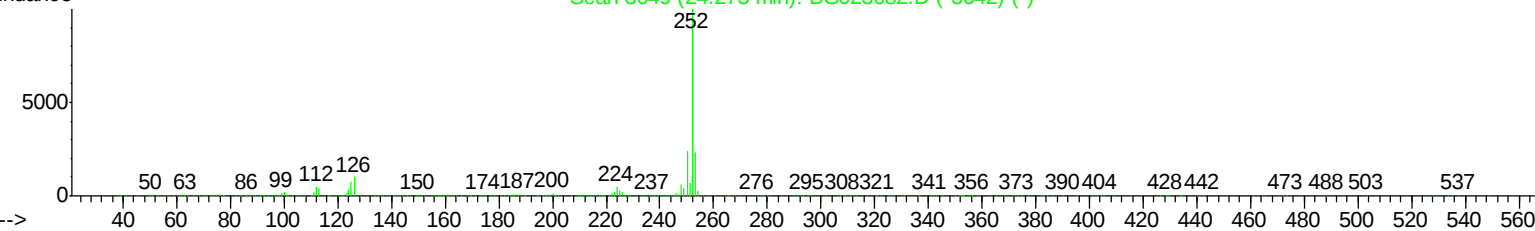
Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

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Ion 252.00 (251.70 to 252.70): BG023679.D
Ion 253.00 (252.70 to 253.70): BG023679.D
Ion 125.00 (124.70 to 125.70): BG023679.D



Scan 3649 (24.273 min): BG023682.D (-3642) (-)



TIC: BG023679.D

(86) Benzo(k)fluoranthene

24.257min (-0.010) 1.35ng/ul m

response 58205

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	28.40#
125.00	13.30	12.06
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

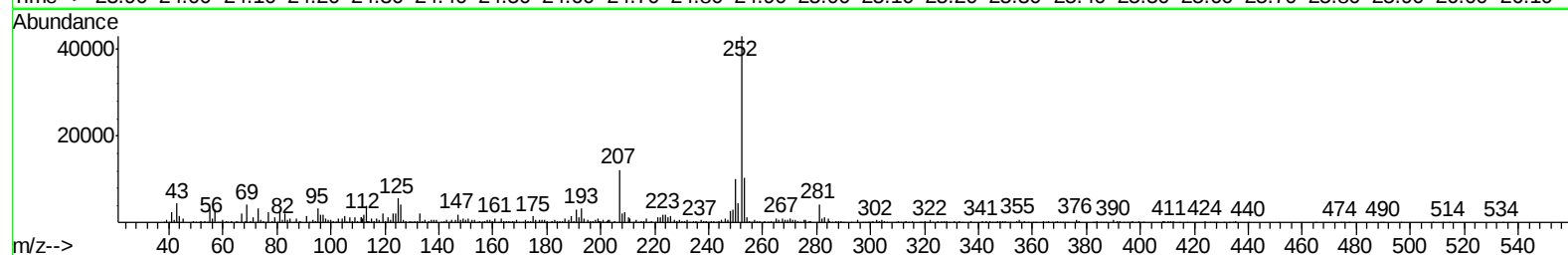
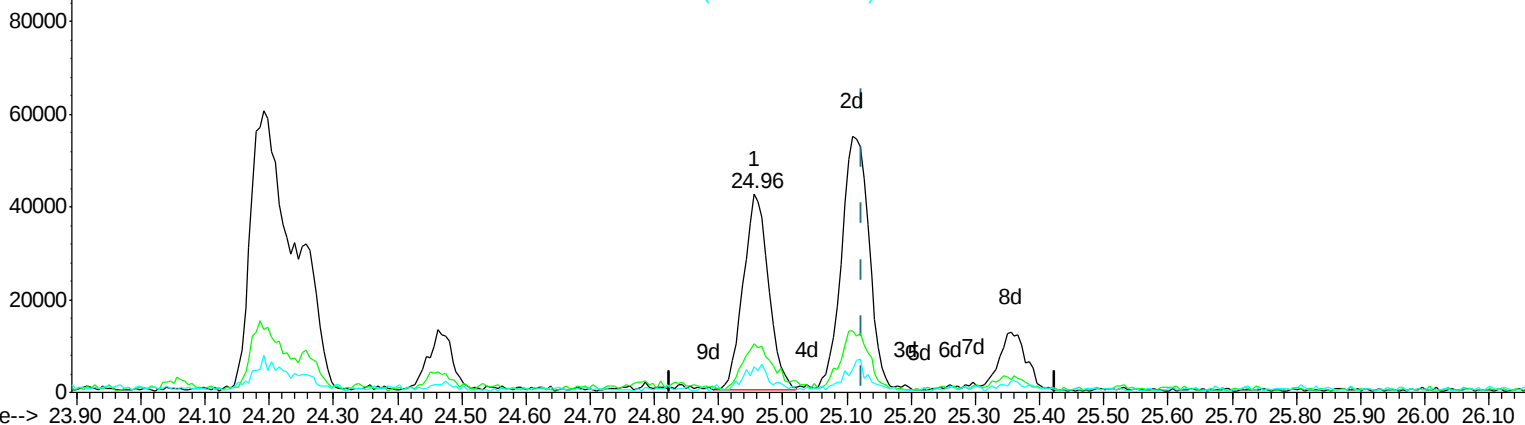
Manual Integrations
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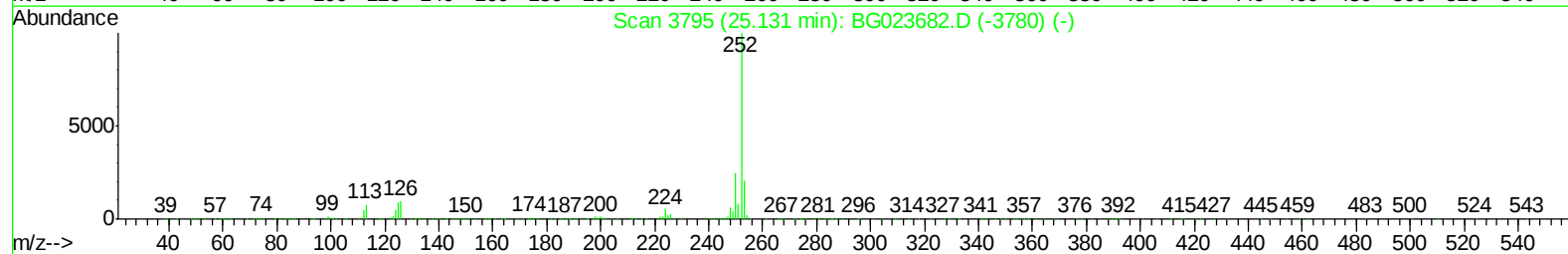
Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

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Ion 252.00 (251.70 to 252.70): BG023679.D
Ion 253.00 (252.70 to 253.70): BG023679.D
Ion 125.00 (124.70 to 125.70): BG023679.D



Scan 3795 (25.131 min): BG023682.D (-3780) (-)



TIC: BG023679.D

(88) Benzo(a)pyrene (C)

24.956min (-0.169) 2.72ng/ul

response 114829

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.17
125.00	15.00	13.16
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

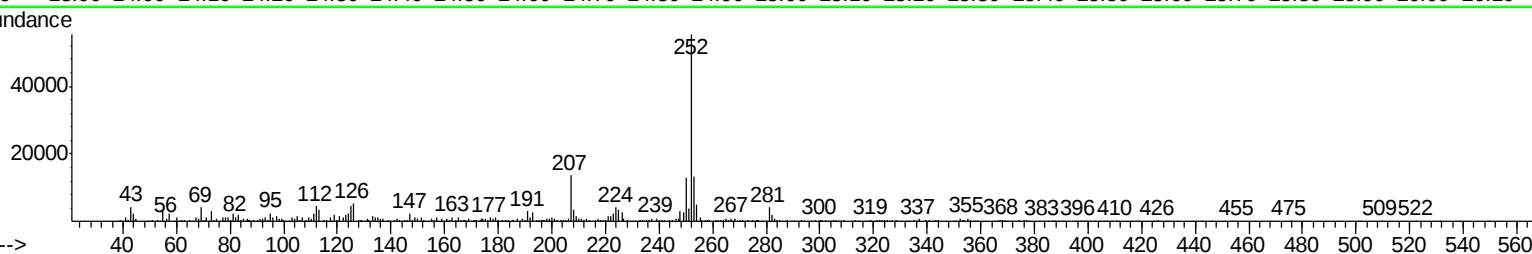
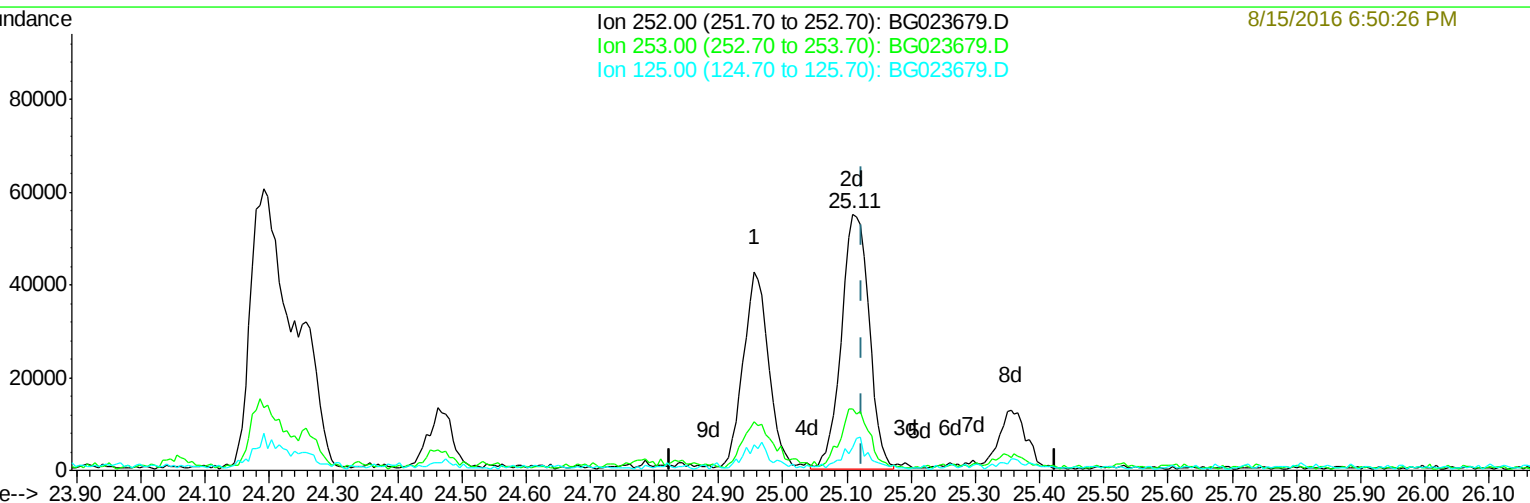
Manual Integrations
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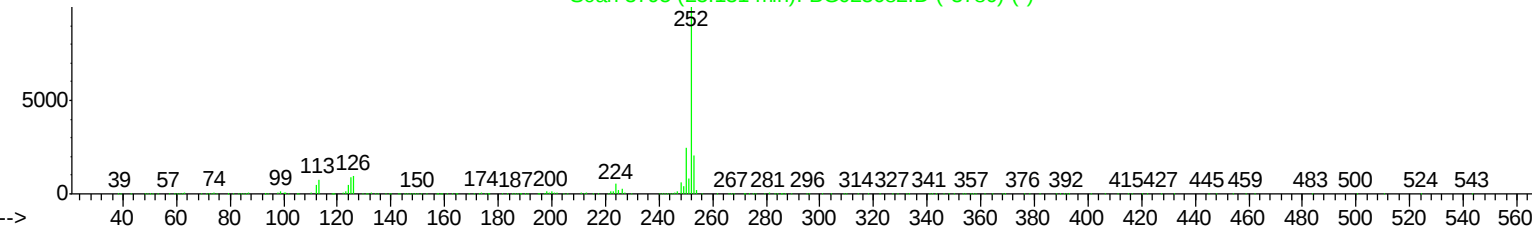
Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

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Ion 252.00 (251.70 to 252.70): BG023679.D
Ion 253.00 (252.70 to 253.70): BG023679.D
Ion 125.00 (124.70 to 125.70): BG023679.D



Scan 3795 (25.131 min): BG023682.D (-3780) (-)



TIC: BG023679.D

(88) Benzo(a)pyrene (C)

25.108min (-0.016) 3.87ng/ul m

response 163431

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.96
125.00	15.00	8.82#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

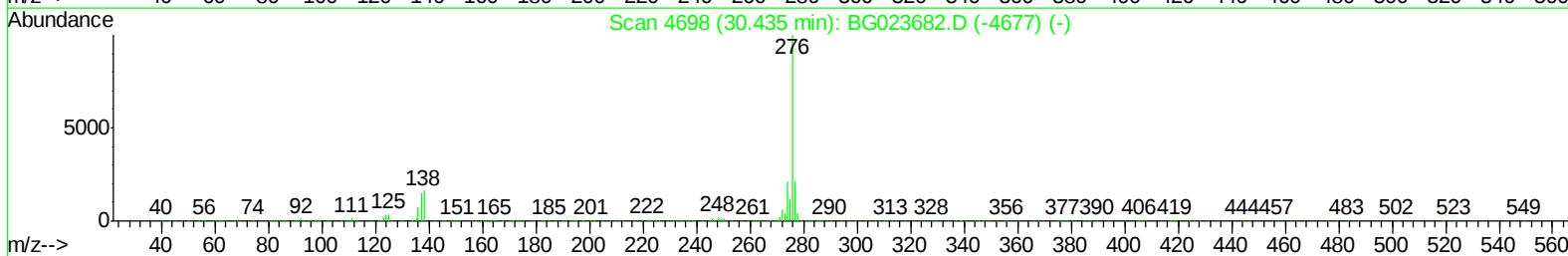
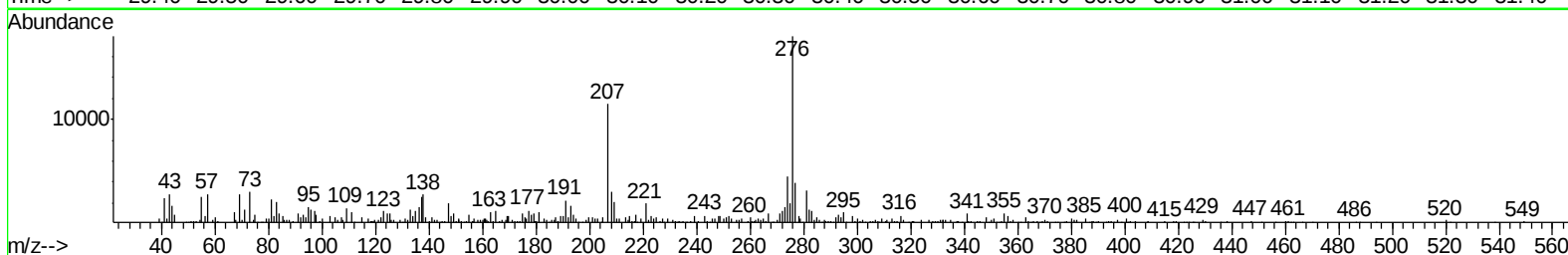
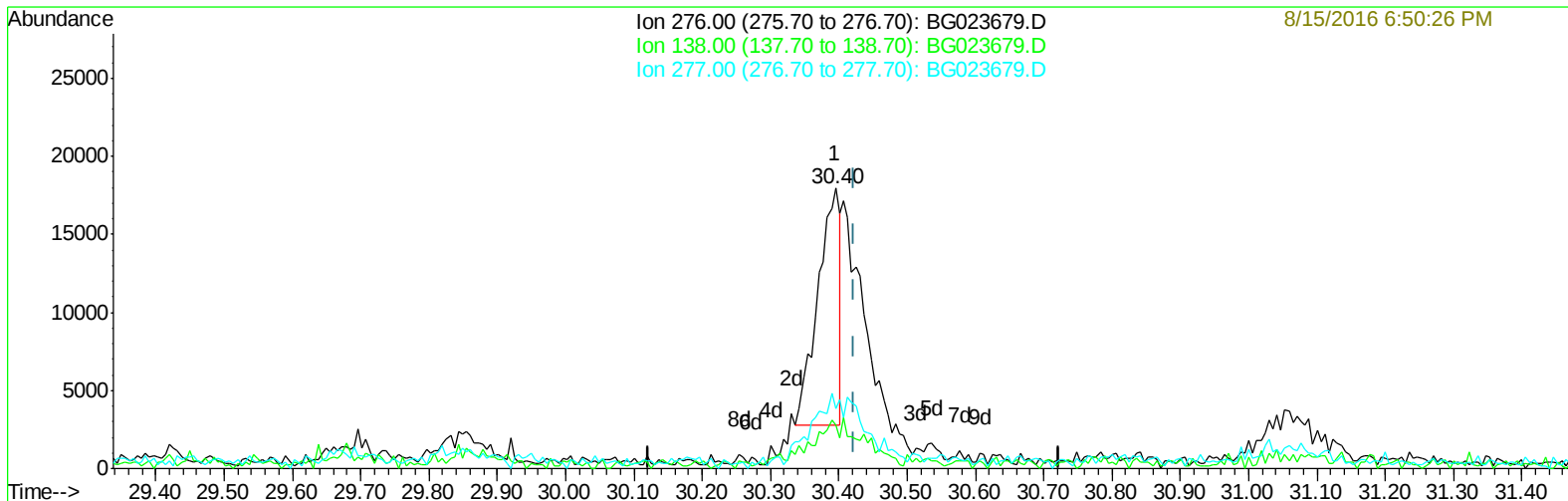
Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG023679.D

(91) Benzo(g,h,i)perylene
30.395min (-0.028) 0.83ng/ul
response 33940

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.52#
277.00	21.20	21.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
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Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

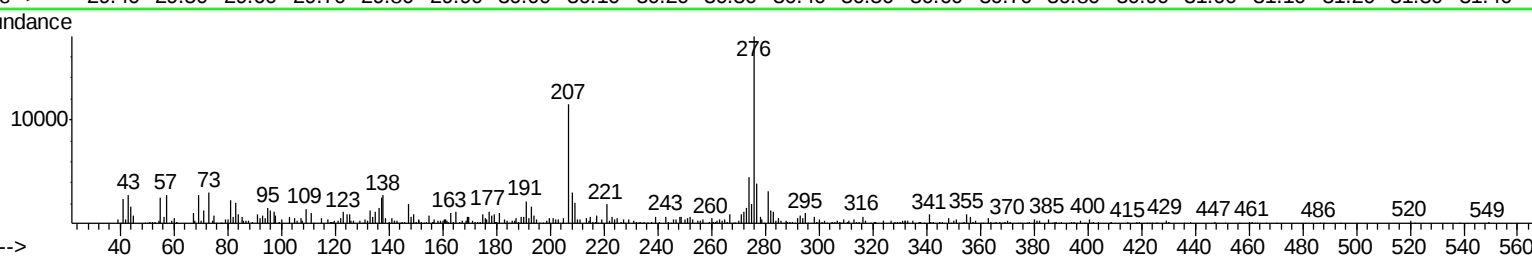
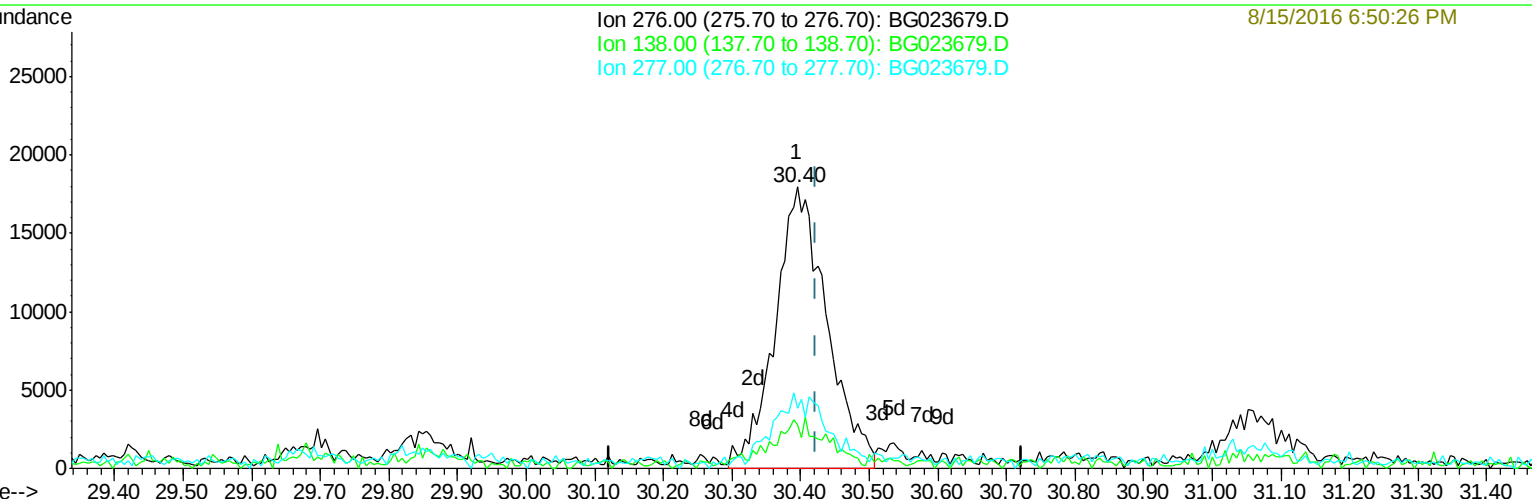
Manual Integrations
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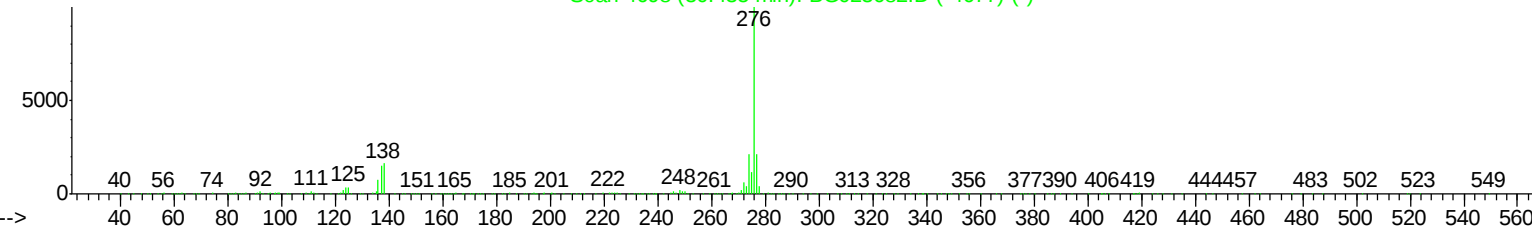
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

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Ion 276.00 (275.70 to 276.70): BG023679.D
Ion 138.00 (137.70 to 138.70): BG023679.D
Ion 277.00 (276.70 to 277.70): BG023679.D



Scan 4698 (30.435 min): BG023682.D (-4677) (-)



TIC: BG023679.D

(91) Benzo(g,h,i)perylene

30.395min (-0.028) 2.29ng/ul m

response 93944

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.52#
277.00	21.20	21.59
0.00	0.00	0.00

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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 15 18:29:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards R.T. QIon Response Conc Units Dev(Min) 8/15/2016 6:50:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	101811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	482316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	329942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	777765	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	772848	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	768344	20.00	ng/ul	0.00

System Monitoring Compounds

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.27	99	12670	1.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	13297	2.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13046	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	8540	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	6843	1.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	8210	1.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	14206m	1.72	ng/ul	0.03
29) 4-Chloroaniline-d4	11.10	131	11756	1.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	61213	2.27	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	69685	2.29	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.79	176	57345	2.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	3165	0.63	ng/ul	0.00
70) Anthracene-d10	17.65	188	80996	2.31	ng/ul	0.00
76) Pyrene-d10	19.94	212	91853	2.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	78218	2.25	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	14.23	163	30506	1.14	ng/ul#	91
69) Phenanthrene	17.59	178	311180	7.73	ng/ul	98
71) Anthracene	17.69	178	59494	1.45	ng/ul	93
74) Fluoranthene	19.60	202	381658	9.26	ng/ul#	91
77) Pyrene	19.97	202	422332m	8.84	ng/ul	
80) Benzo(a)anthracene	21.85	228	191218	4.39	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	5119422	210.10	ng/ul#	41
82) Chrysene	21.92	228	202239	5.11	ng/ul	99
84) Di-n-octyl phthalate	23.00	149	335600	8.65	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	222236	5.09	ng/ul	99
86) Benzo(k)fluoranthene	24.26	252	58205m	1.35	ng/ul	
88) Benzo(a)pyrene	25.11	252	163431m	3.87	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	104667	2.11	ng/ul#	85
91) Benzo(g,h,i)perylene	30.40	276	93944m	2.29	ng/ul	

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

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Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Manual Integrations
APPROVED

sohil

Quant Time: Aug 15 18:29:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

