

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029238.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:43:48 PM

Quant Time: Oct 15 04:06:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	114125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	512399	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	308345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	652506	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	577561	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	569198	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9896	3.52	ng/uL	0.00
5) Phenol-d5	7.32	99	188691	17.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	124461	18.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	142010	18.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	125884	14.23	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	75282	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	78565	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	148667	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	168055	16.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	496095	18.82	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	606067	18.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	66050	13.57	ng/ul	0.00
57) Fluorene-d10	15.78	176	426970	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	48921	15.36	ng/ul	0.00
70) Anthracene-d10	17.62	188	608243	19.71	ng/ul	0.00
76) Pyrene-d10	19.90	212	611119	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	529367	19.64	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.35	94	22205	1.959	ng/ul#	85
44) Dimethylphthalate	14.23	163	228534	8.888	ng/ul	98
69) Phenanthrene	17.57	178	168419	4.775	ng/ul	98
71) Anthracene	17.66	178	36857	1.013	ng/ul	98
74) Fluoranthene	19.57	202	356050	9.032	ng/ul#	90
77) Pyrene	19.93	202	297997	7.698	ng/ul#	88
80) Benzo(a)anthracene	21.78	228	161179	4.453	ng/ul	96
82) Chrysene	21.85	228	149100	4.534	ng/ul	95
85) Benzo(b)fluoranthene	24.06	252	188039	5.503	ng/ul	98
86) Benzo(k)fluoranthene	24.12	252	58069m	1.758	ng/ul	
88) Benzo(a)pyrene	24.95	252	126130	3.792	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.89	276	85222	2.265	ng/ul#	82
91) Benzo(g,h,i)perylene	30.08	276	60208	1.930	ng/ul#	87

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

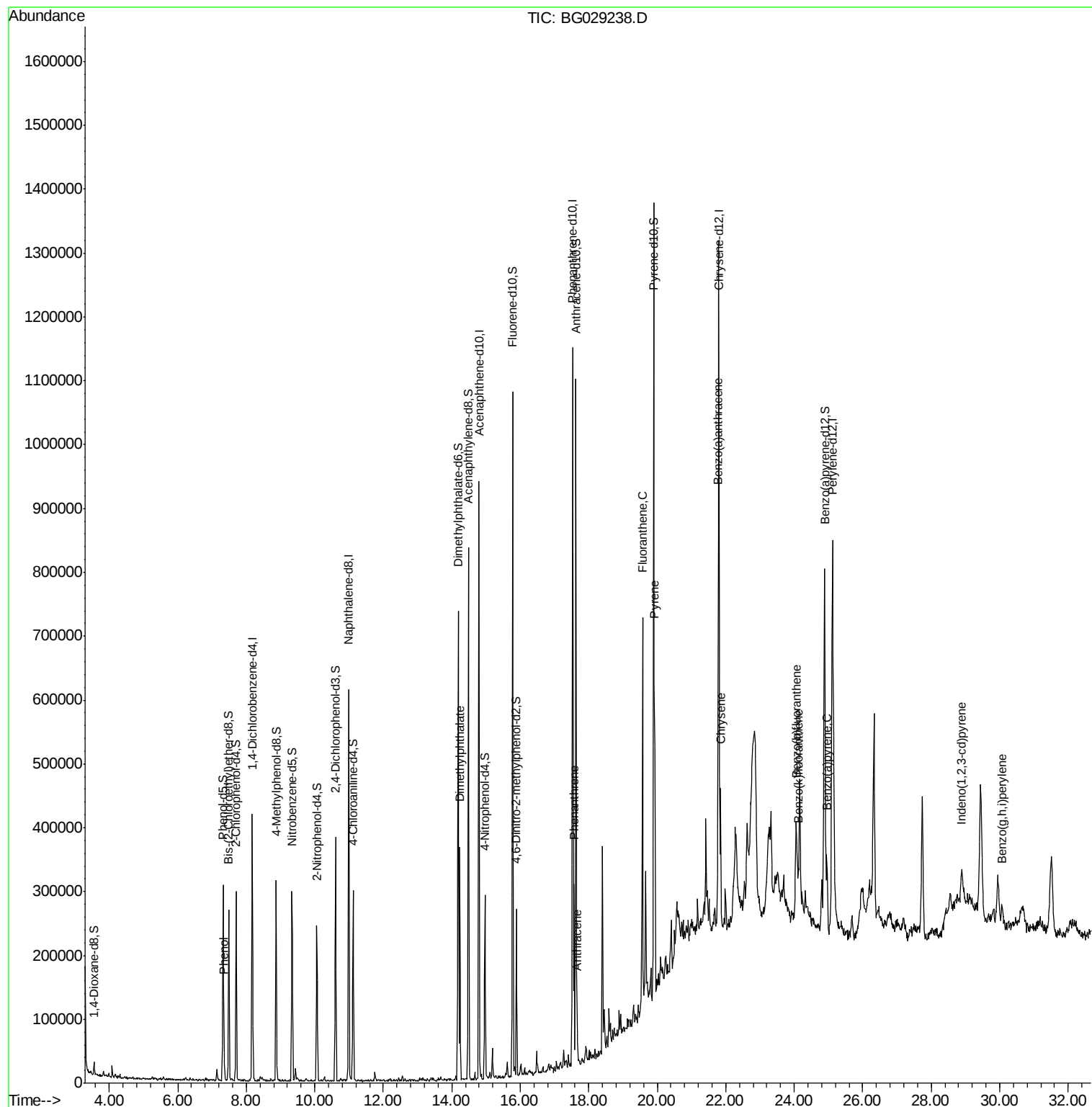
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029238.D
Acq On : 15 Oct 2017 00:54
Operator : SJ/JU
Sample : I5548-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

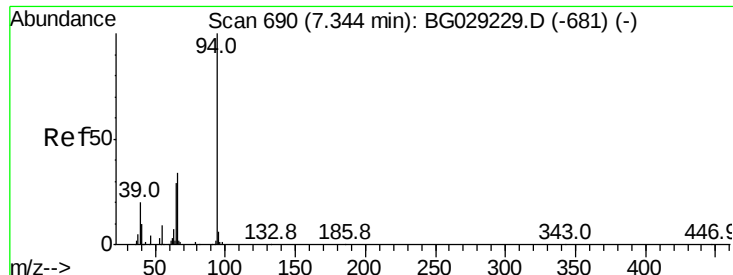
Instrument :
BNA_G
ClientSampled :
C0AC2

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10/16/2017 7:43:48 PM

Quant Time: Oct 15 04:06:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.959 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

ClientSampleId :

C0AC2

Tot Ion: 94 Resp: 22205

Ion Ratio Lower Upper

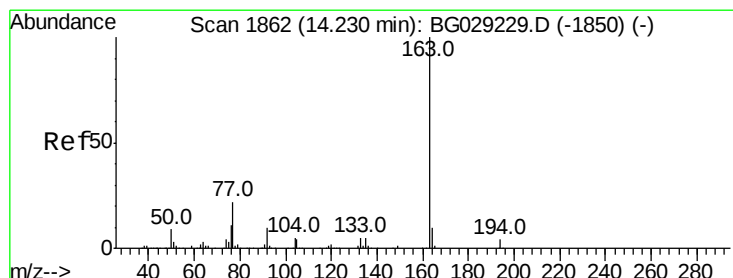
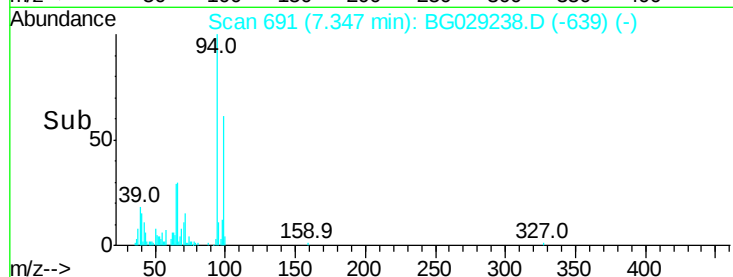
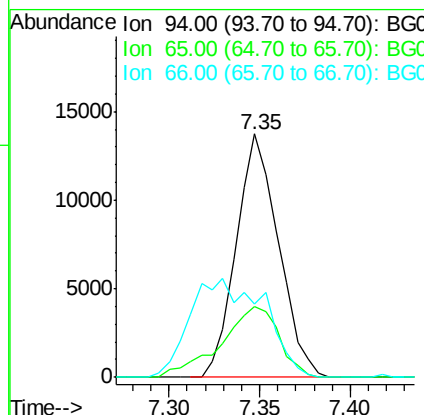
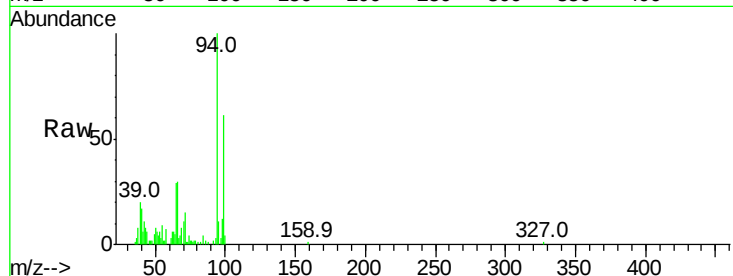
94 100

65 29.1 27.1 40.7

66 30.0 34.6 52.0#

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#44

Dimethylphthalate

Concen: 8.888 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

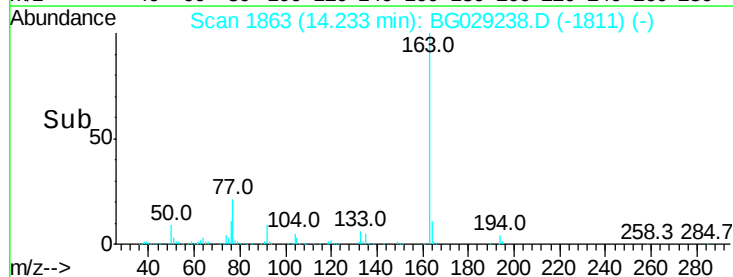
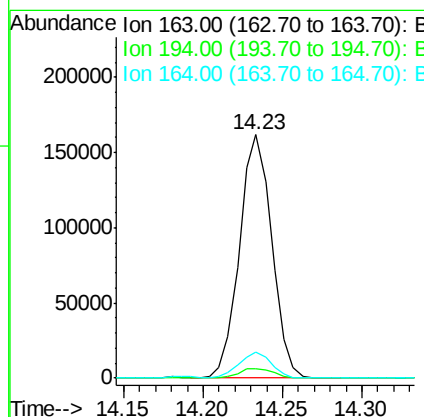
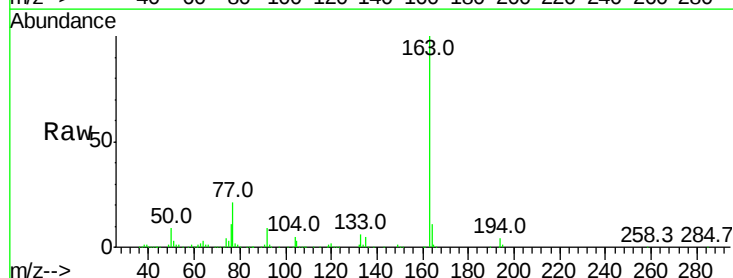
Tgt Ion:163 Resp: 228534

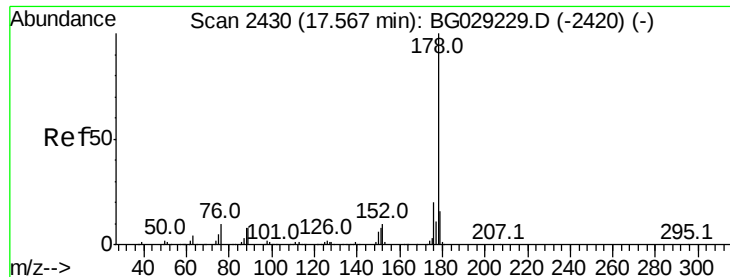
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.5 7.6 11.4





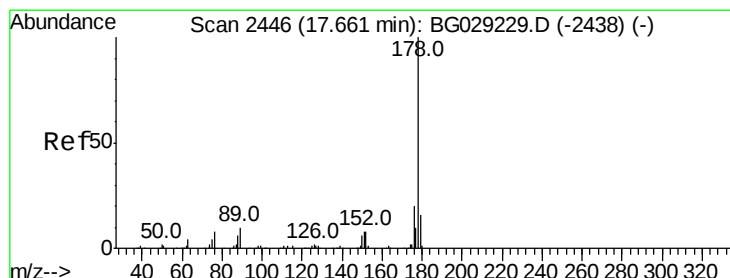
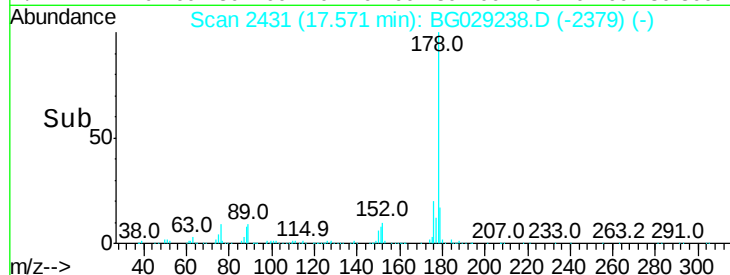
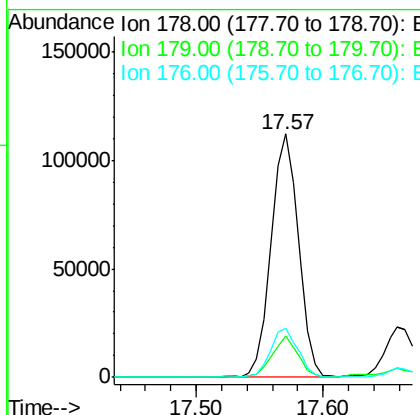
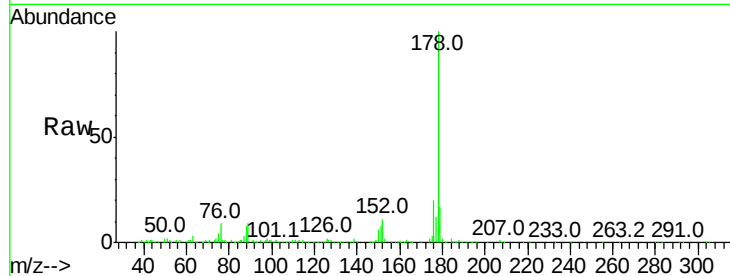
#69
 Phenanthrene
 Concen: 4.775 ng/ul
 RT: 17.57 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG029238.D
 Acq: 15 Oct 2017 00:54

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

Tot Ion:	178	Resp:	168419
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.0	19.6
176	20.0	15.3	22.9

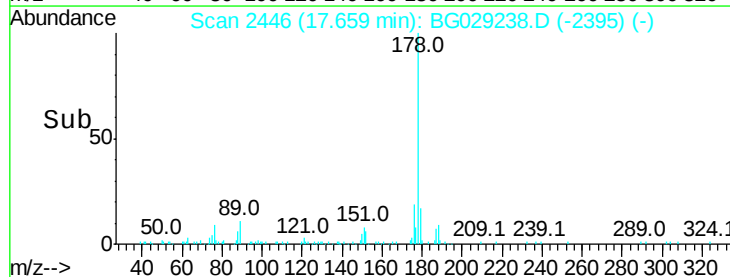
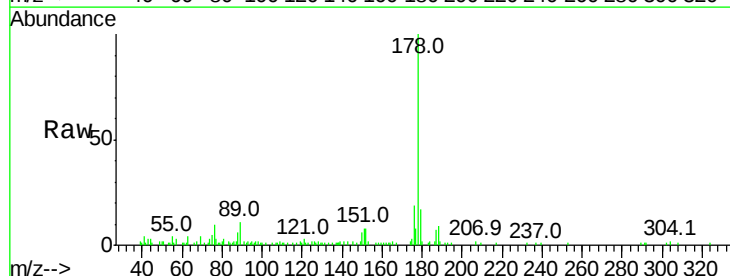
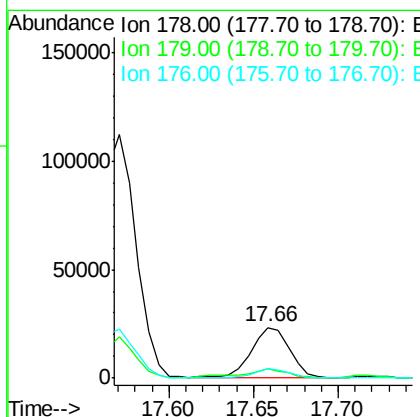
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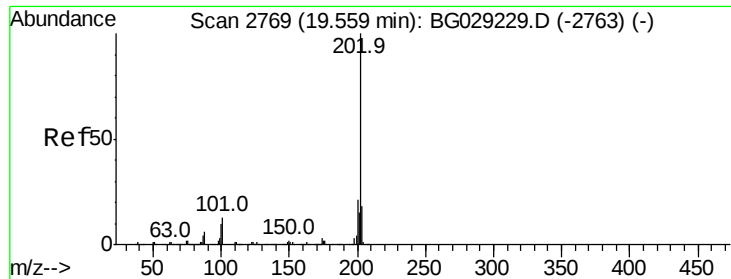
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#71
 Anthracene
 Concen: 1.013 ng/ul
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG029238.D
 Acq: 15 Oct 2017 00:54

Tgt Ion:	178	Resp:	36857
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.2	19.8
176	19.1	16.0	24.0





#74

Fluoranthene

Concen: 9.032 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

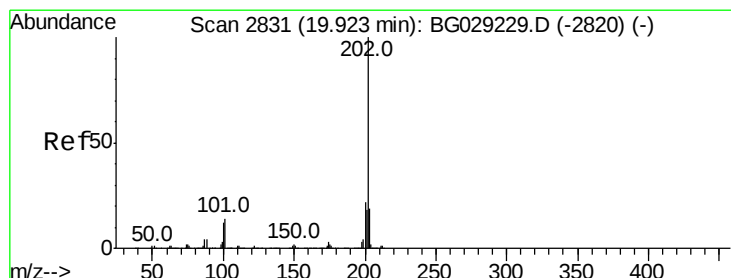
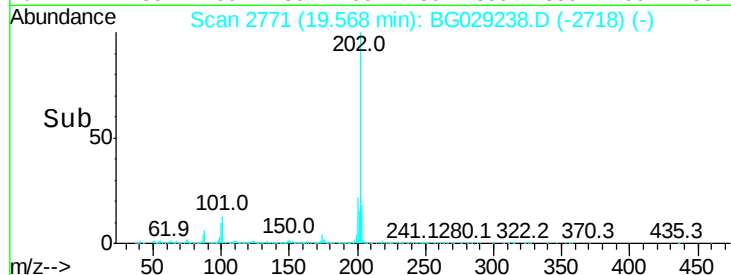
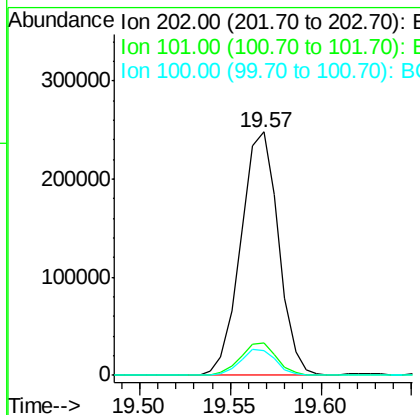
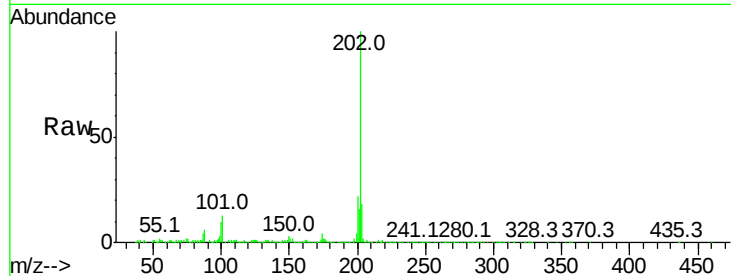
ClientSampleId :

C0AC2

Tot Ion:	202	Resp:	356050
Ion Ratio	Lower	Upper	
202	100		
101	13.1	7.4	11.2#
100	9.9	5.6	8.4#

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#77

Pyrene

Concen: 7.698 ng/ul

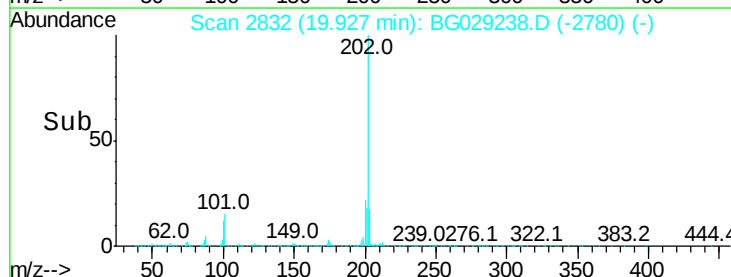
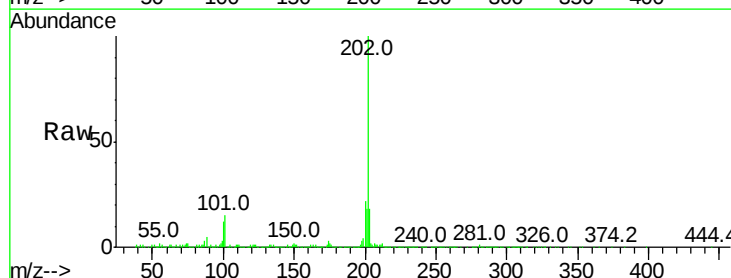
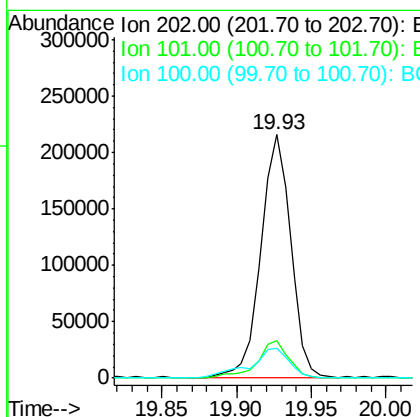
RT: 19.93 min Scan# 2832

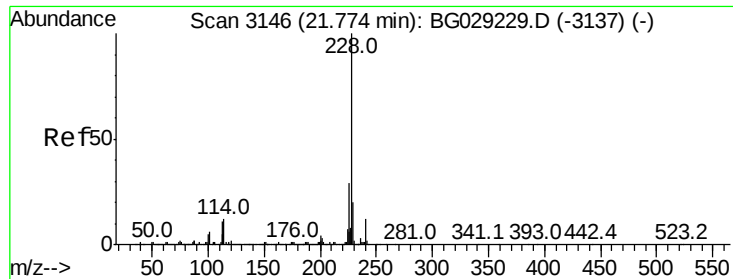
Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Tgt Ion:	202	Resp:	297997
Ion Ratio	Lower	Upper	
202	100		
101	15.4	8.4	12.6#
100	12.3	7.0	10.6#





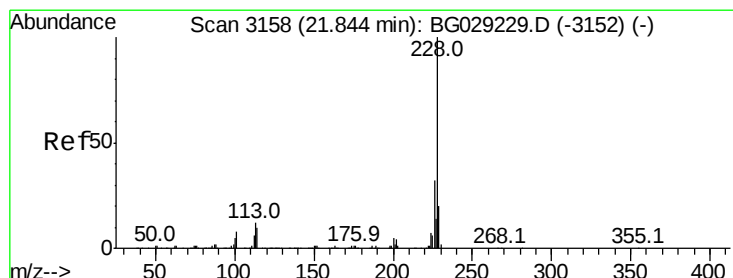
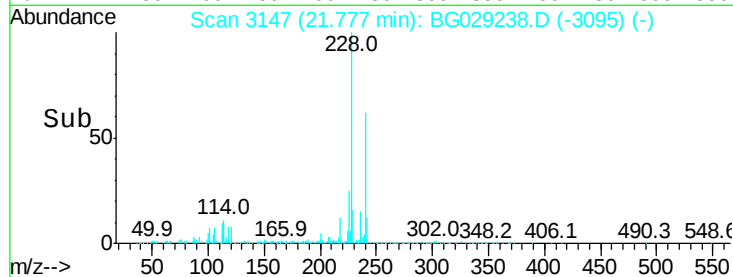
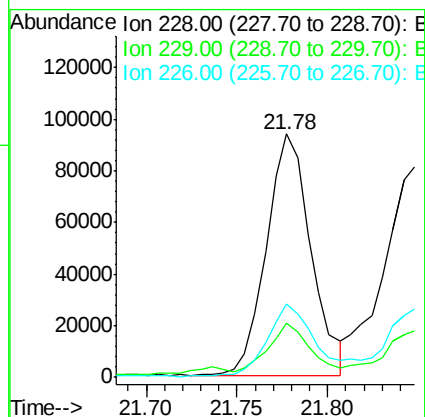
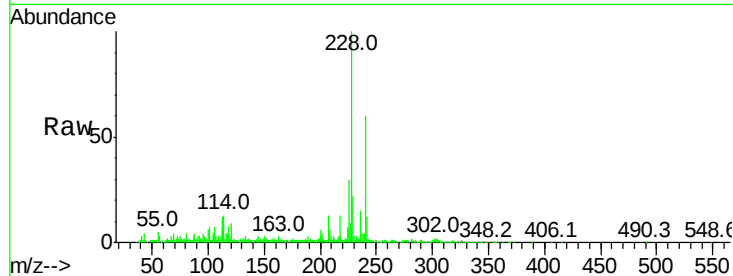
#80
Benzo(a)anthracene
Concen: 4.453 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG029238.D
Acq: 15 Oct 2017 00:54

Instrument :
BNA_G
ClientSampleId :
C0AC2

Tot Ion:228	Resp:	161179
Ion Ratio	Lower	Upper
228 100		
229 22.2	16.2	24.4
226 30.1	22.2	33.2

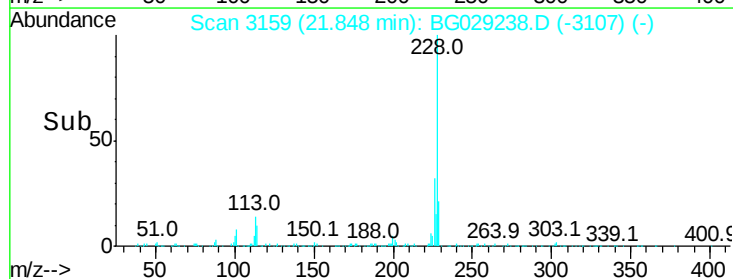
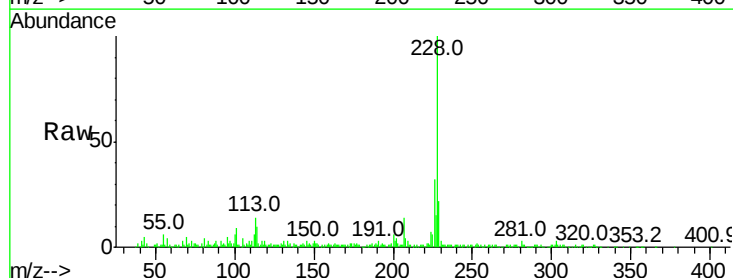
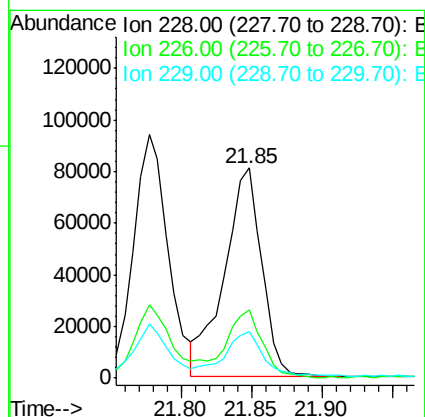
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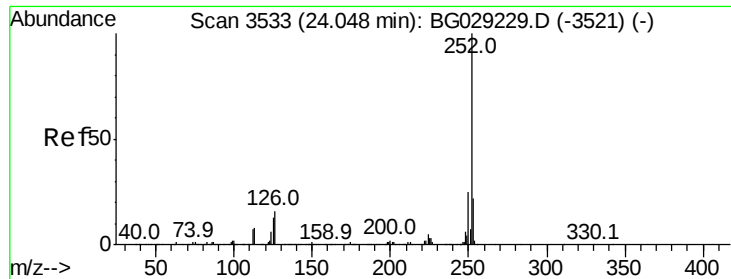
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#82
Chrysene
Concen: 4.534 ng/ul
RT: 21.85 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG029238.D
Acq: 15 Oct 2017 00:54

Tgt Ion:228	Resp:	149100
Ion Ratio	Lower	Upper
228 100		
226 32.2	24.2	36.2
229 22.2	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 5.503 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.02 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

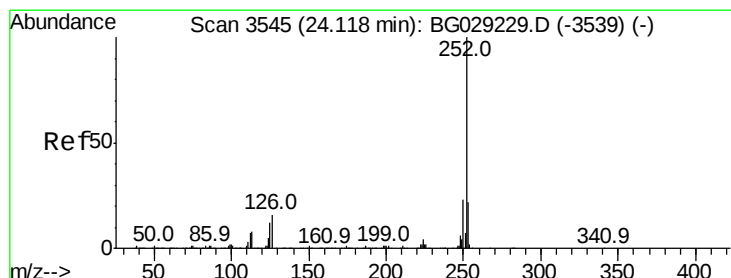
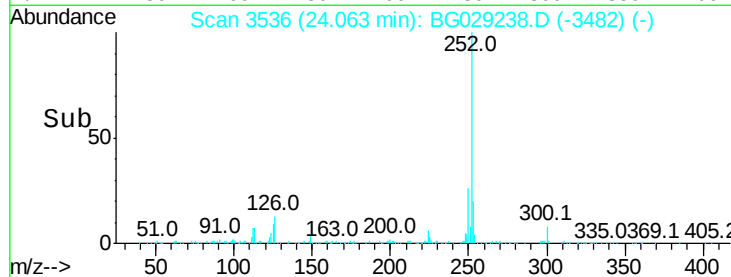
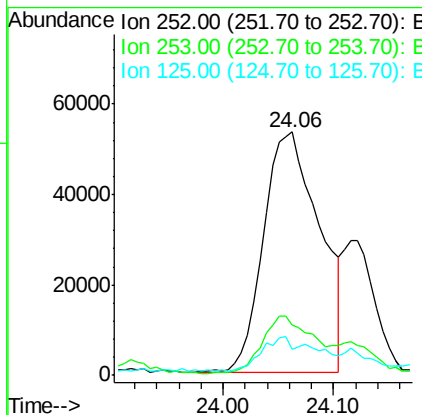
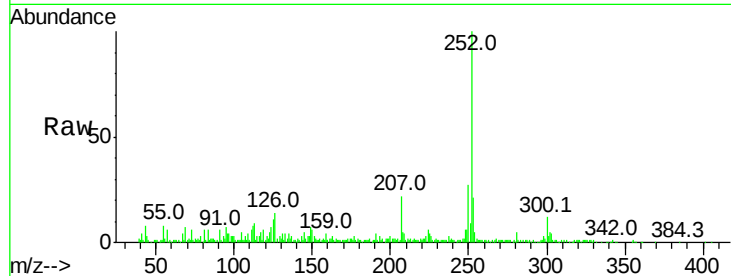
ClientSampleId :

C0AC2

Tot Ion:	252	Resp:	188039
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.0	25.4
125	10.9	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 1.758 ng/ul m

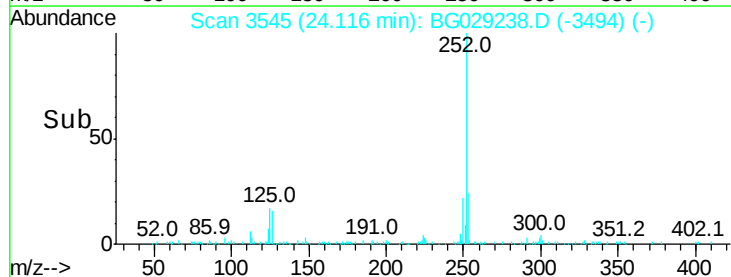
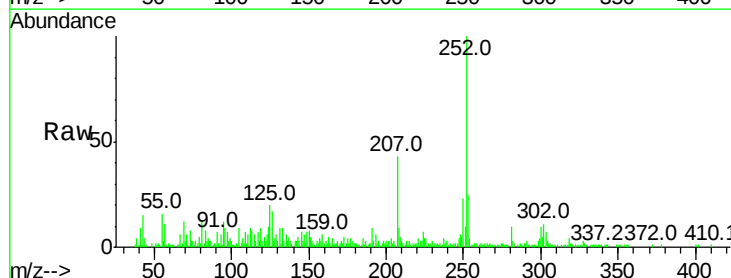
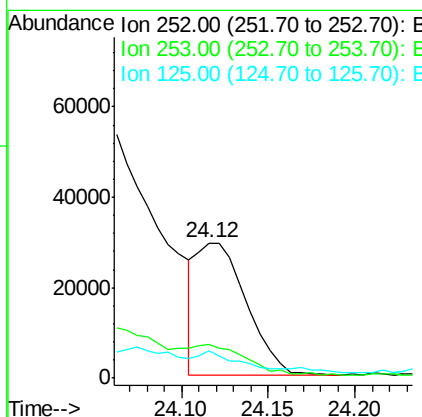
RT: 24.12 min Scan# 3545

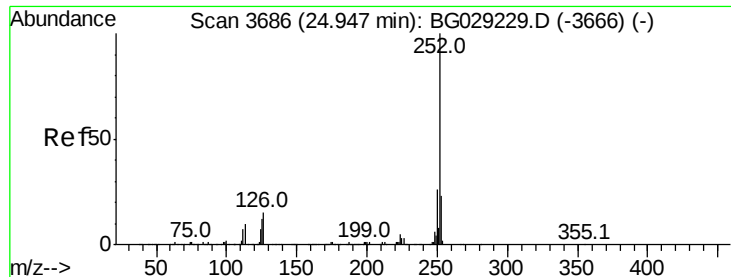
Delta R.T. -0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Tgt Ion:	252	Resp:	58069
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.2	25.8
125	20.0	7.8	11.8#





#88

Benzo(a)pyrene

Concen: 3.792 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

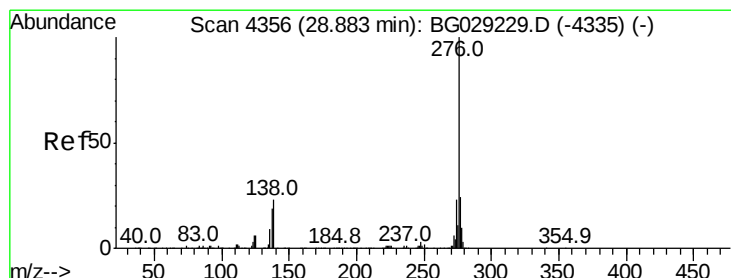
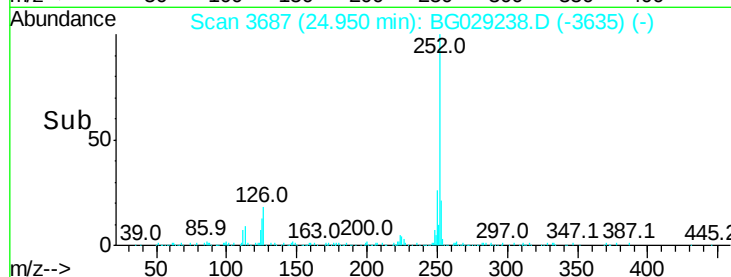
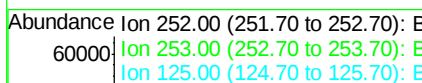
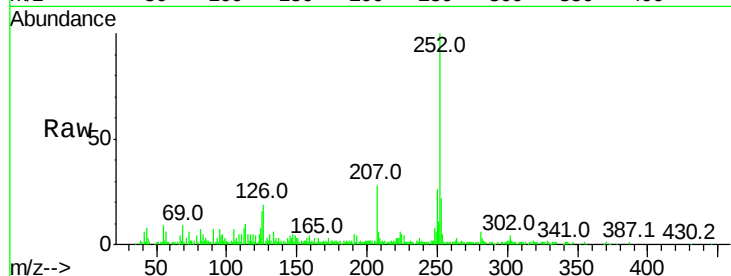
ClientSampleId :

C0AC2

Tot Ion:	252	Resp:	126130
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	15.6	7.8	11.8#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.265 ng/ul

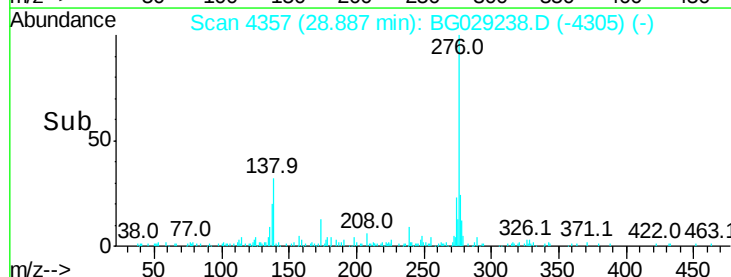
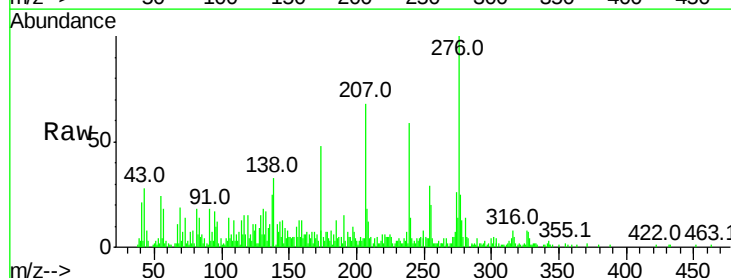
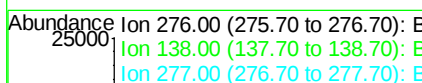
RT: 28.89 min Scan# 4357

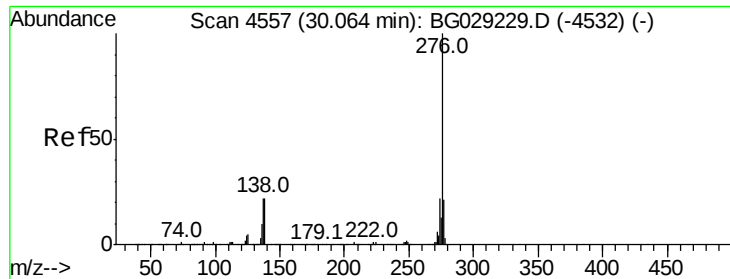
Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Tgt Ion:	276	Resp:	85222
Ion Ratio	Lower	Upper	
276	100		
138	33.4	13.4	20.0#
277	25.1	18.6	28.0





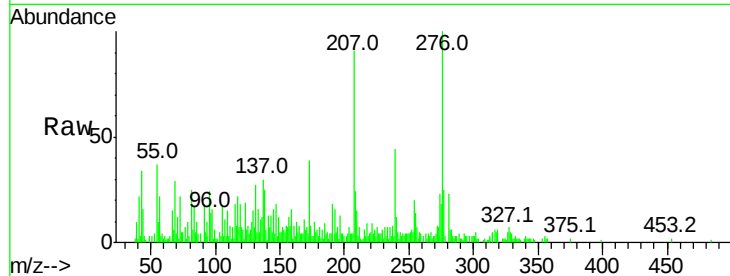
#91
 Benzo(a,h,i)perylene
 Concen: 1.930 ng/ul
 RT: 30.08 min Scan# 4560
 Delta R.T. 0.02 min
 Lab File: BG029238.D
 Acq: 15 Oct 2017 00:54

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	12.1	18.1#
277	25.0	17.7	26.5

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

