

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008072.D
 Acq On : 24 Nov 2016 13:53
 Operator : UM/SJ
 Sample : H5701-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD0

Manual Integrations
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Quant Time: Nov 28 11:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	724	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2515	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1487	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2842	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2893	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2483m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	560	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1286	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.06	152	994	0.15	ng/ul#	90
12) Phenanthrene	17.12	178	2151	0.24	ng/ul	98
13) Anthracene	17.23	178	651m	0.08	ng/ul	
15) Fluoranthene	19.16	202	6731	0.59	ng/ul	95
17) Pyrene	19.52	202	6570	0.65	ng/ul	98
18) Benzo(a)anthracene	21.27	228	3707m	0.42	ng/ul	
19) Chrysene	21.32	228	4339	0.39	ng/ul	95
21) Benzo(b)fluoranthene	22.86	252	6052m	0.61	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	2175m	0.21	ng/ul	
23) Benzo(a)pyrene	23.42	252	4182m	0.45	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	2947m	0.26	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	941m	0.10	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	2541m	0.25	ng/ul	

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

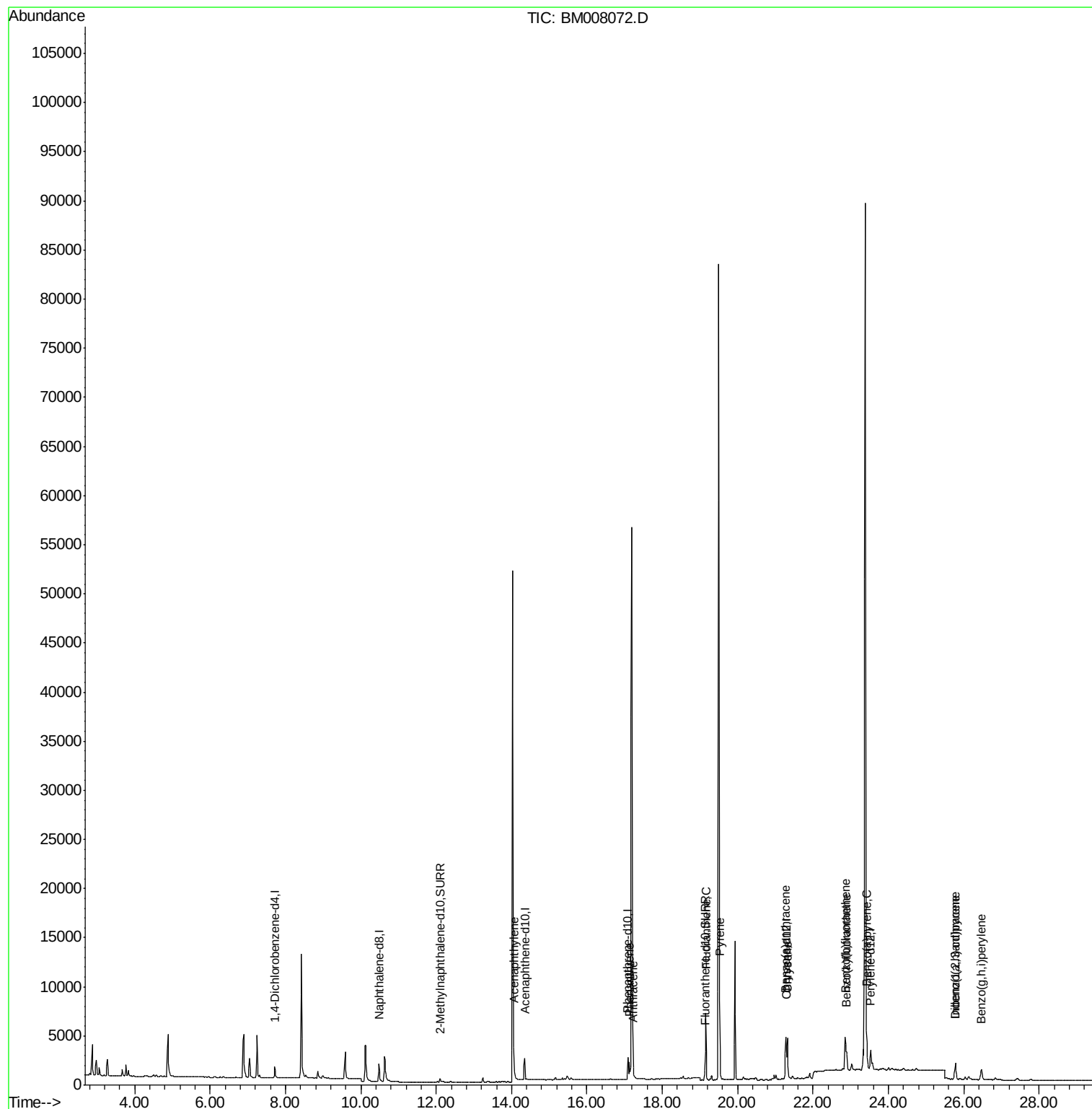
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008072.D
Acq On : 24 Nov 2016 13:53
Operator : UM/SJ
Sample : H5701-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

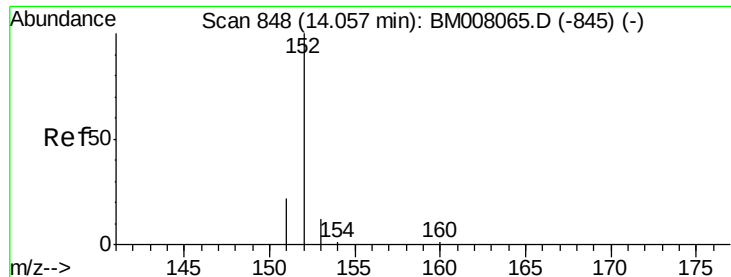
Instrument :
BNA_M
ClientSampleId :
A4WD0

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Quant Time: Nov 28 11:07:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.15 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

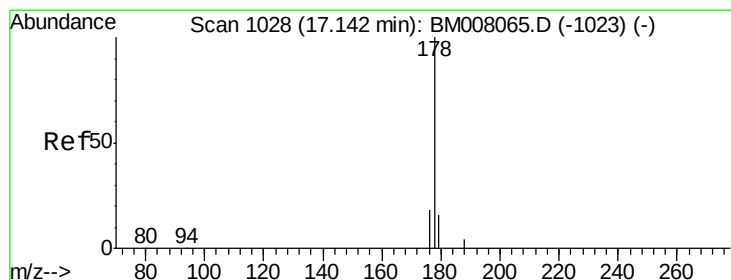
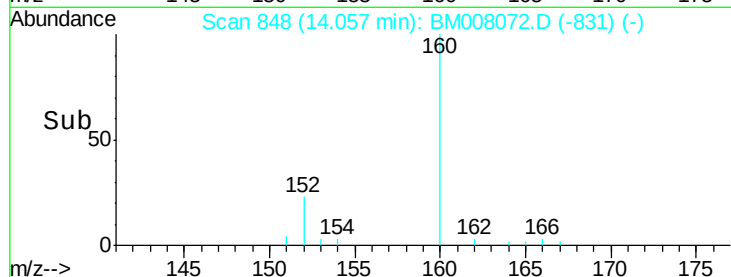
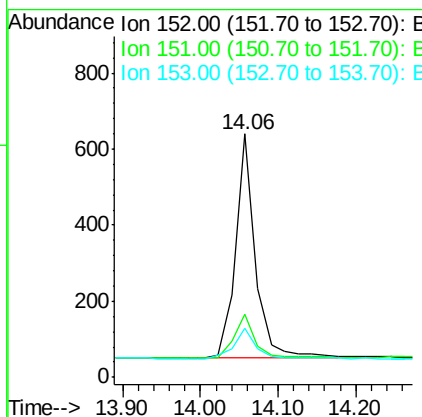
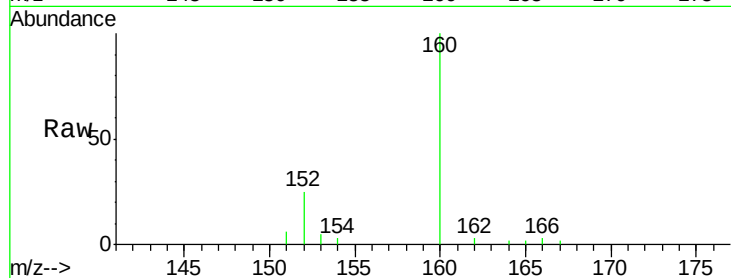
ClientSampleId :

A4WD0

Tot Ion:	152	Resp:	994
Ion Ratio	Lower	Upper	
152	100		
151	26.1	17.1	25.7#
153	20.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.24 ng/ul

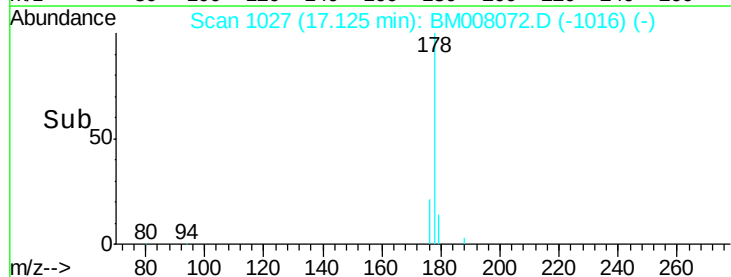
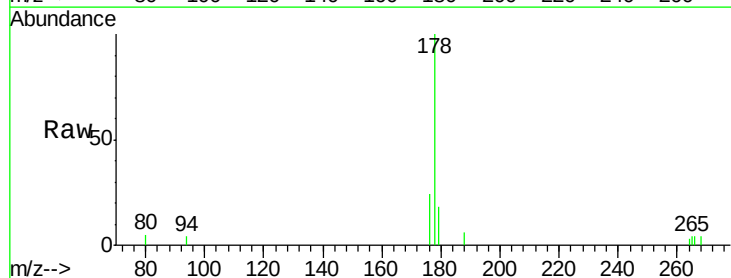
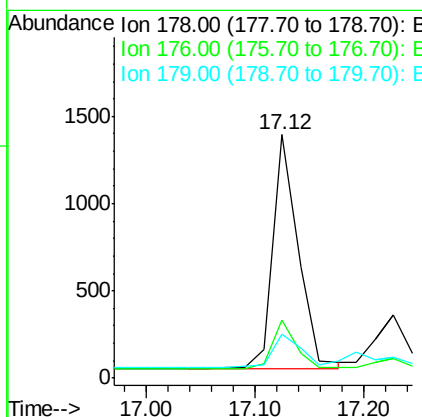
RT: 17.12 min Scan# 1027

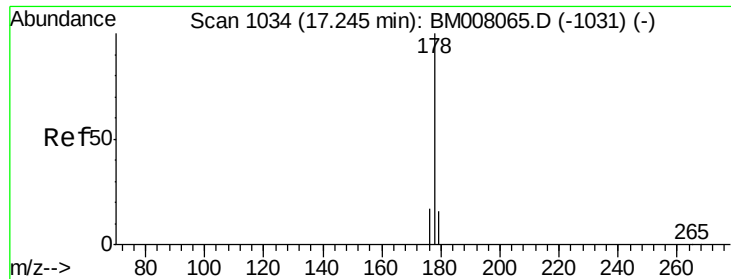
Delta R.T. -0.02 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Tgt Ion:	178	Resp:	2151
Ion Ratio	Lower	Upper	
178	100		
176	23.7	18.4	27.6
179	17.9	13.6	20.4





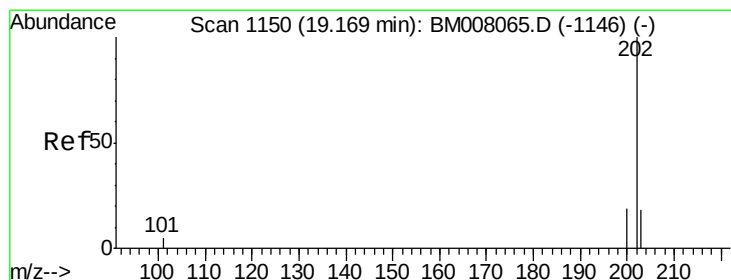
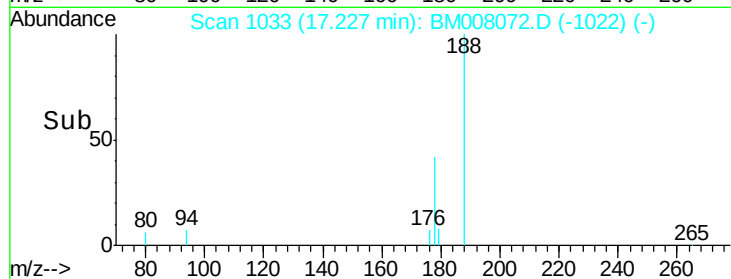
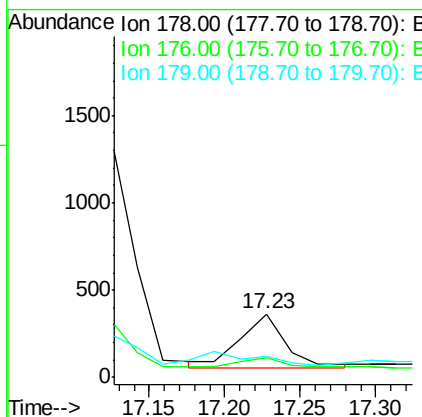
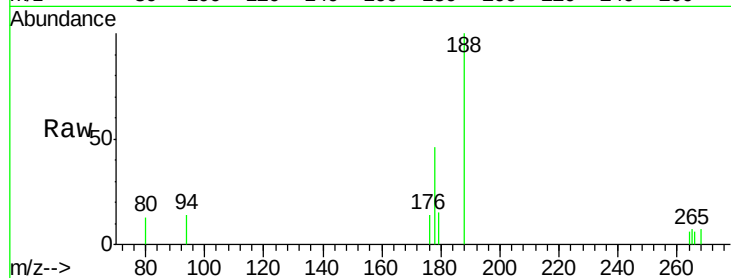
#13
 Anthracene
 Concen: 0.08 ng/ul m
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BM008072.D
 Acq: 24 Nov 2016 13:53

Instrument :
 BNA_M
 ClientSampleId :
 A4WD0

Tot Ion	Ratio	Lower	Upper
178	100		
176	30.5	18.1	27.1#
179	33.0	14.7	22.1#

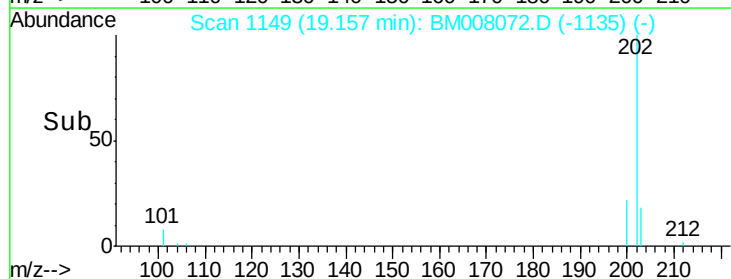
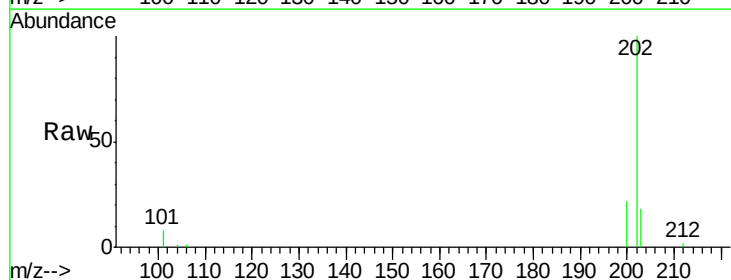
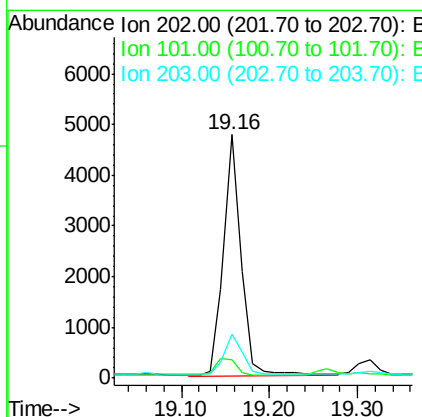
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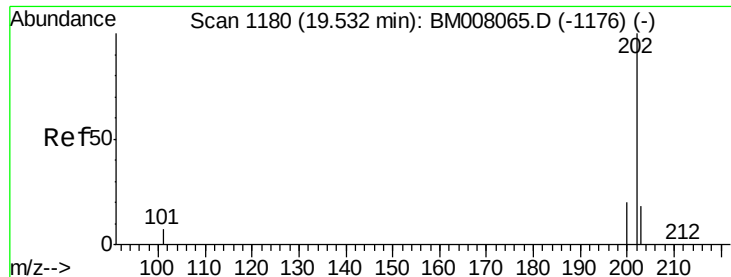
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#15
 Fluoranthene
 Concen: 0.59 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008072.D
 Acq: 24 Nov 2016 13:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.3
203	18.1	0.0	39.5





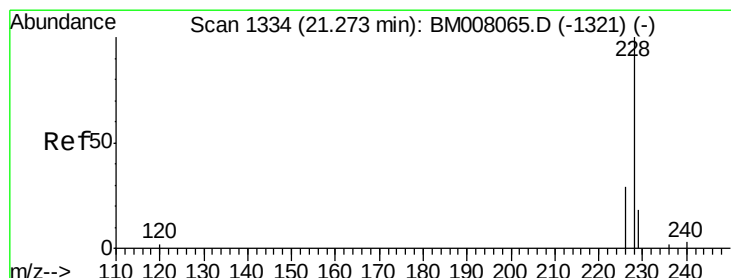
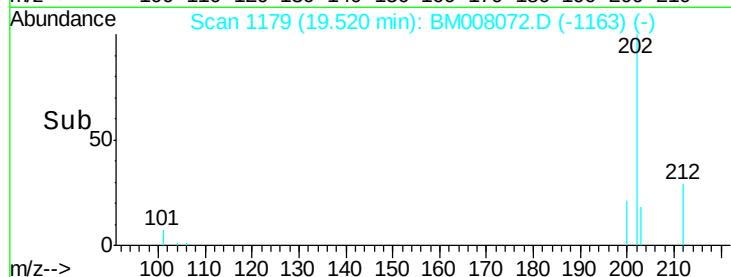
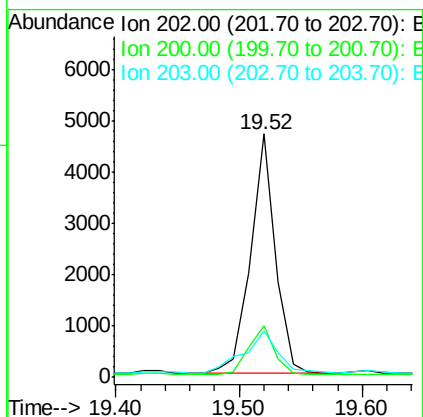
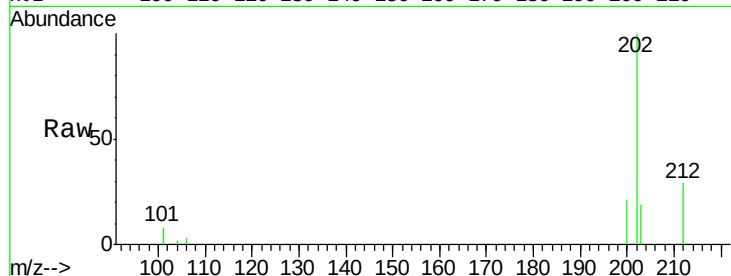
#17
Pvrene
Concen: 0.65 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008072.D
Acq: 24 Nov 2016 13:53

Instrument :
BNA_M
ClientSampleId :
A4WD0

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	19.2	15.6	23.4

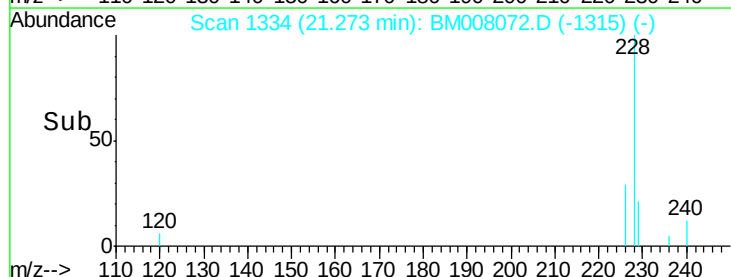
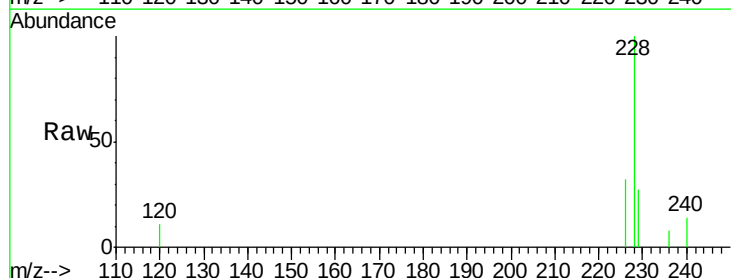
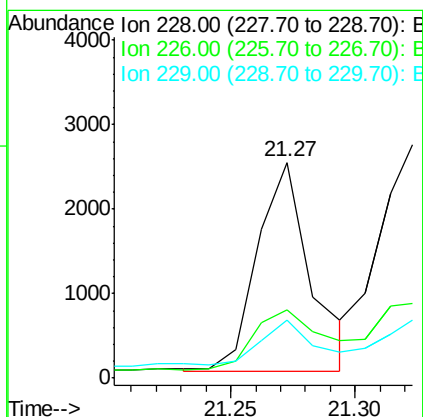
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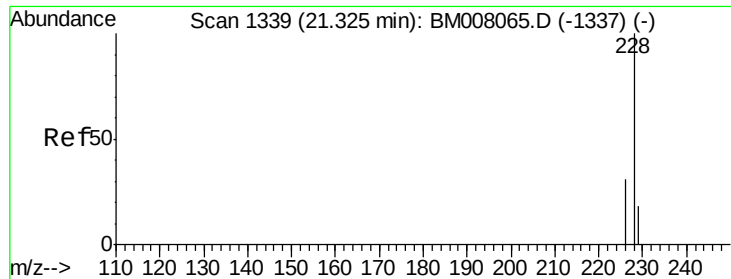
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#18
Benzo(a)anthracene
Concen: 0.42 ng/ul m
RT: 21.27 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM008072.D
Acq: 24 Nov 2016 13:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.8	34.2
229	26.8	17.0	25.6





#19

Chrysene

Concen: 0.39 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

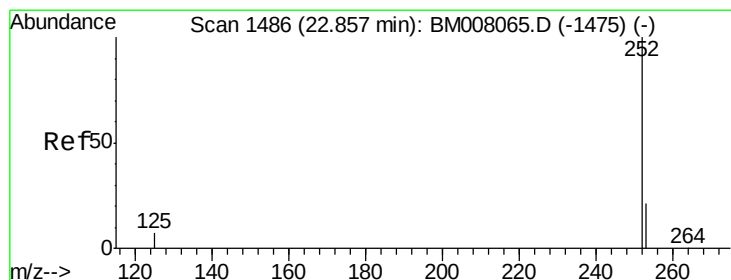
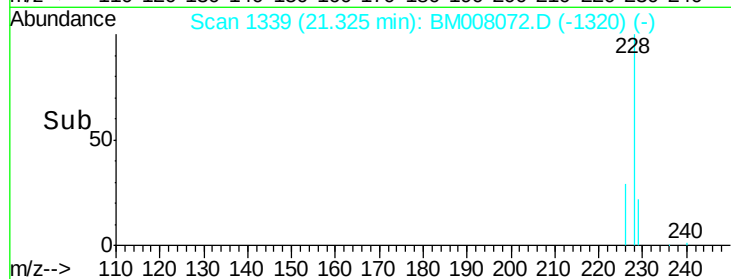
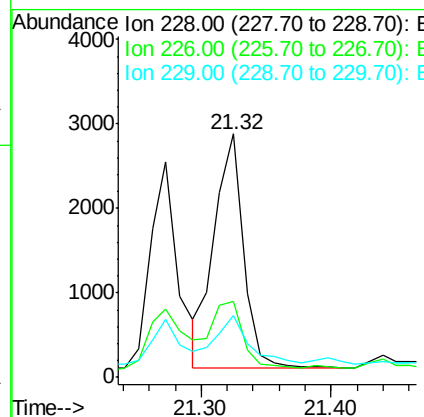
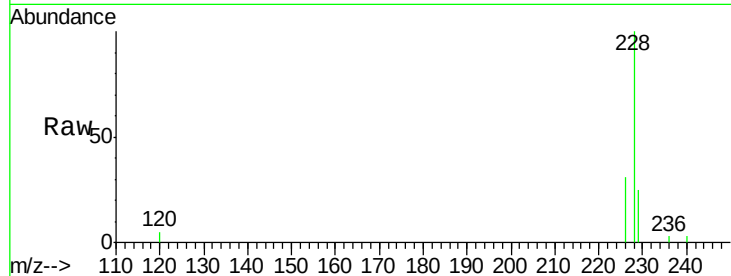
ClientSampleId :

A4WD0

Tot Ion:	228	Resp:	4339
Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	25.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.61 ng/ul m

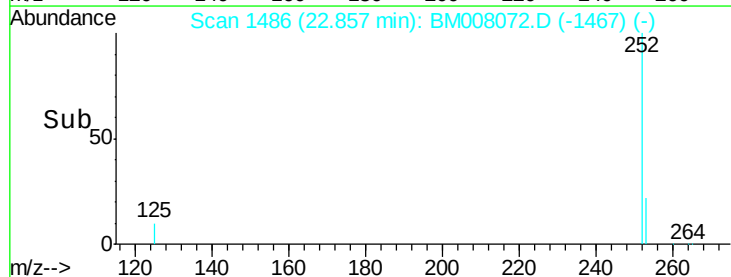
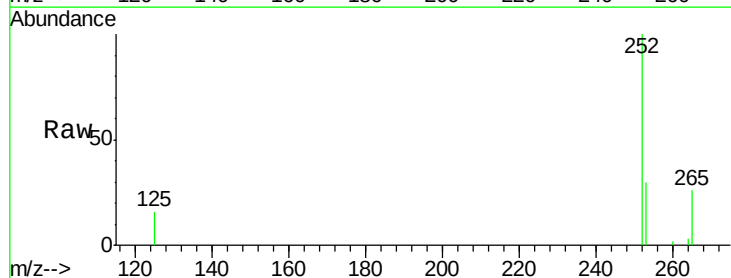
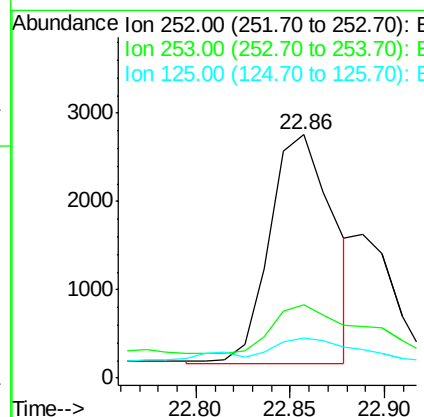
RT: 22.86 min Scan# 1486

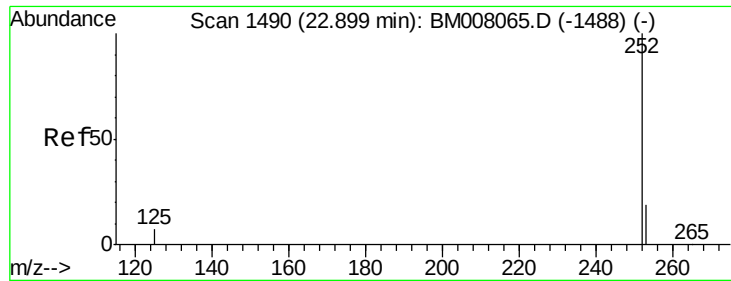
Delta R.T. -0.00 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Tgt Ion:	252	Resp:	6052
Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	64.2
125	16.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.21 ng/ul m

RT: 22.89 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Instrument :

BNA_M

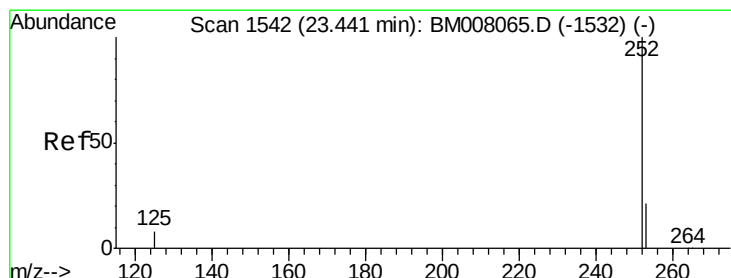
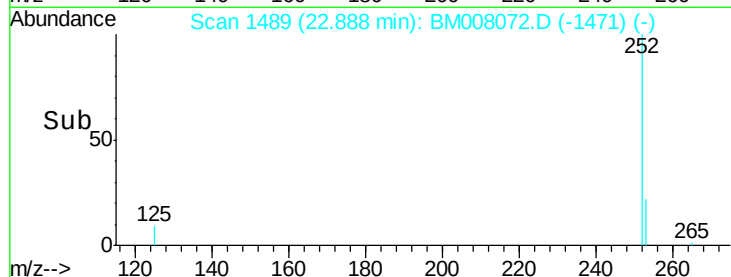
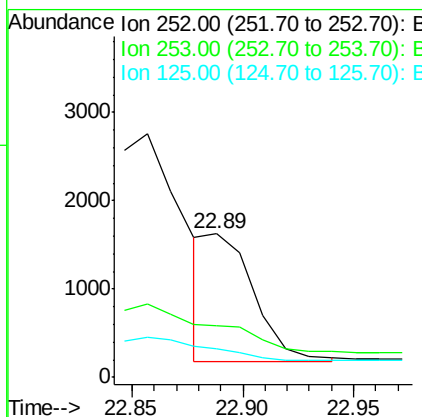
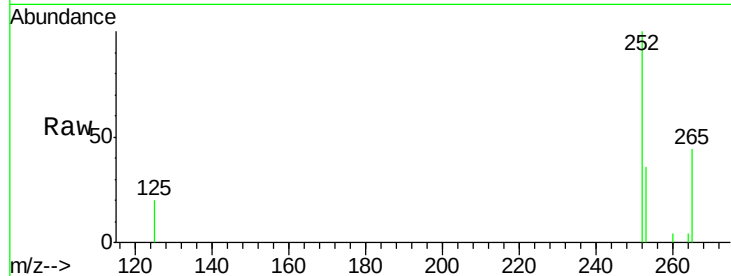
ClientSampleId :

A4WD0

Tot Ion:	252	Resp:	2175
Ion Ratio	Lower	Upper	
252	100		
253	35.9	24.5	36.7
125	20.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.45 ng/ul m

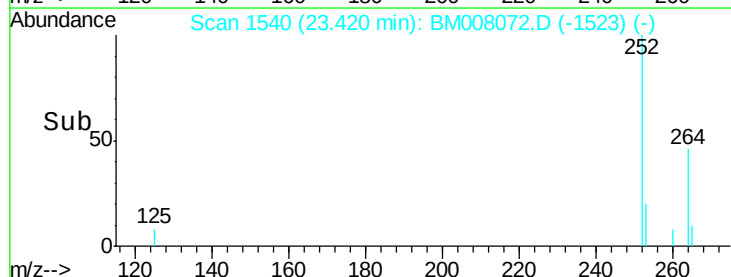
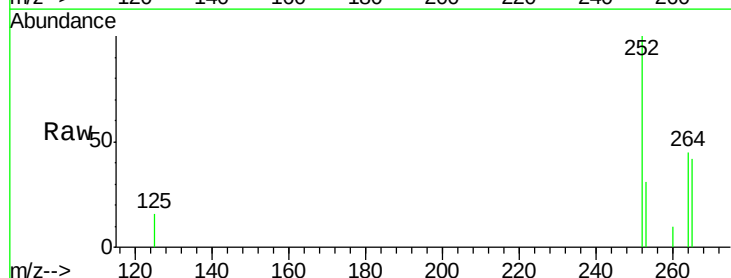
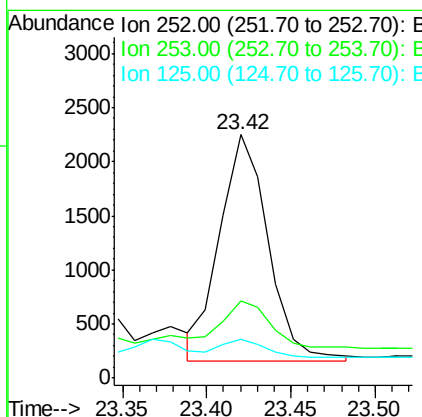
RT: 23.42 min Scan# 1540

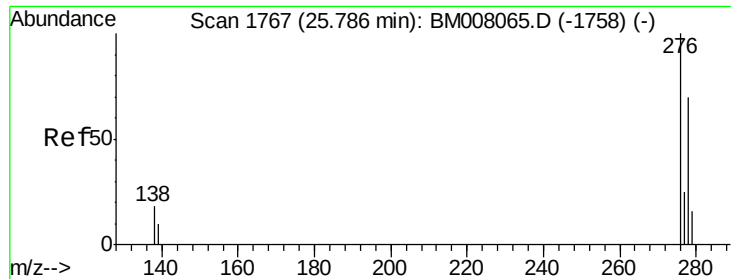
Delta R.T. -0.02 min

Lab File: BM008072.D

Acq: 24 Nov 2016 13:53

Tgt Ion:	252	Resp:	4182
Ion Ratio	Lower	Upper	
252	100		
253	31.5	28.5	42.7
125	16.1	18.1	27.1#





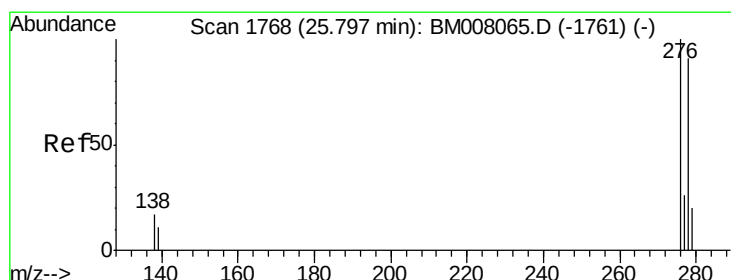
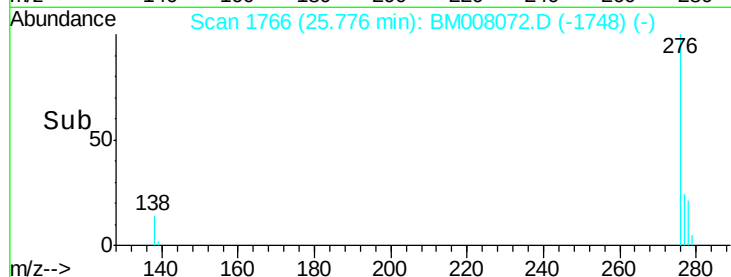
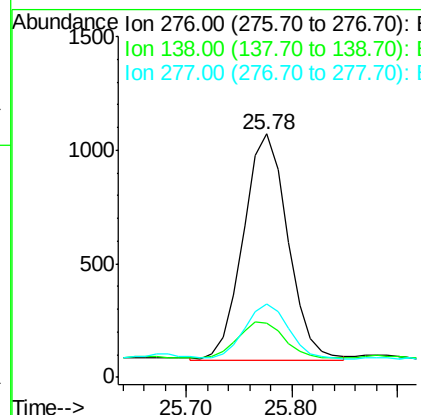
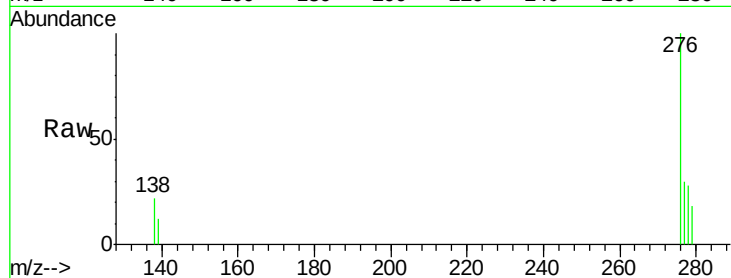
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng/ul m
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BM008072.D
 Acq: 24 Nov 2016 13:53

Instrument :
 BNA_M
 ClientSampleId :
 A4WD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	42.7	19.6	29.4#

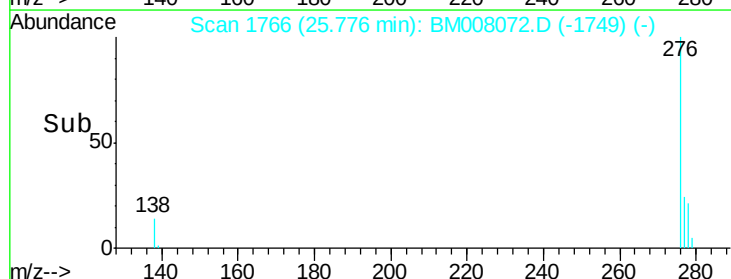
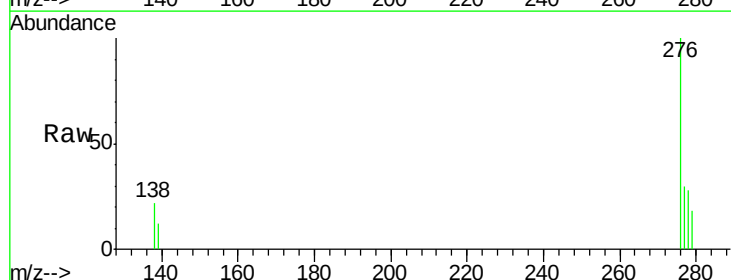
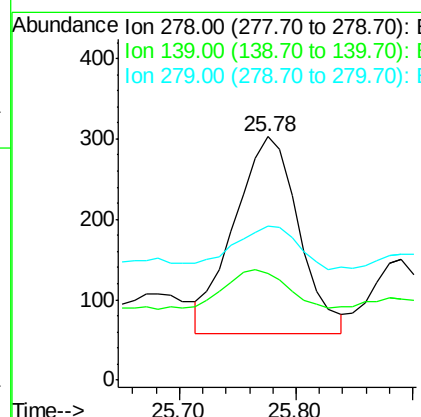
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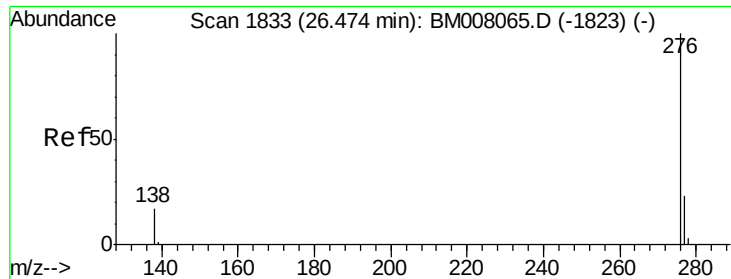
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul m
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.02 min
 Lab File: BM008072.D
 Acq: 24 Nov 2016 13:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.9	17.4	26.0#
279	63.0	25.9	38.9#





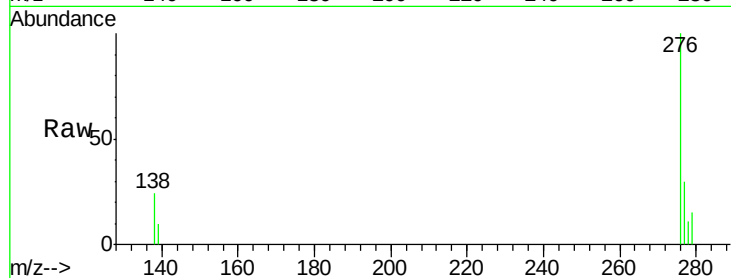
#26
Benzo(a,h,i)perylene
Concen: 0.25 ng/ul m
RT: 26.46 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM008072.D
Acq: 24 Nov 2016 13:53

Instrument :
BNA_M
ClientSampleId :
A4WD0

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.3	21.8	32.8
138	24.2	20.5	30.7

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

