

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
 Data File : BM008714.D
 Acq On : 29 Dec 2016 11:13
 Operator : UM/SJ
 Sample : H6067-09DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

Manual Integrations
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Sohil
 12/30/2016 8:42:34 AM

Quant Time: Dec 30 01:37:48 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	327m	0.40	ng/ul	-0.15
2) Naphthalene-d8	10.49	136	993m	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	615m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.06	188	1223m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1242m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1197m	0.40	ng/ul	-0.03

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	72m	0.05	ng/ul	-0.03
14) Fluoranthene-d10	19.10	212	217m	0.06	ng/ul	-0.02

Target Compounds						Ovalue
7) Acenaphthylene	14.02	152	2561m	0.92	ng/ul	
12) Phenanthrene	17.11	178	509m	0.14	ng/ul	
13) Anthracene	17.19	178	2995m	0.83	ng/ul	
15) Fluoranthene	19.12	202	2098m	0.46	ng/ul	
17) Pyrene	19.48	202	3850m	0.80	ng/ul	
18) Benzo(a)anthracene	21.24	228	4901m	1.20	ng/ul	
19) Chrysene	21.29	228	11951m	2.68	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	34185m	7.25	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	7203m	1.57	ng/ul	
23) Benzo(a)pyrene	23.39	252	22257m	5.09	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	22330m	4.29	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	5939m	1.43	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	22952m	5.14	ng/ul	

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

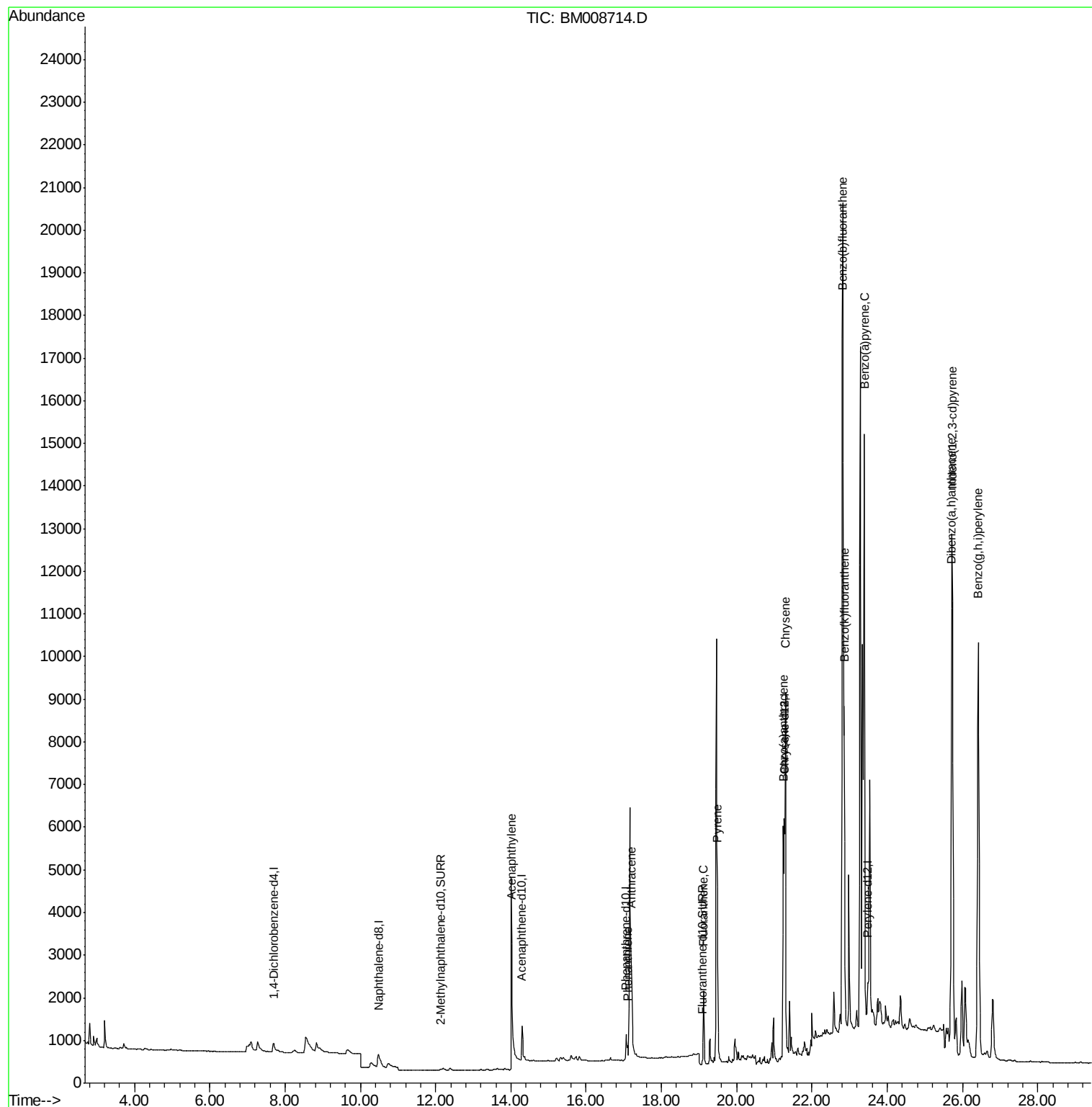
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
Data File : BM008714.D
Acq On : 29 Dec 2016 11:13
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Misc :
ALS Vial : 3 Sample Multiplier: 1

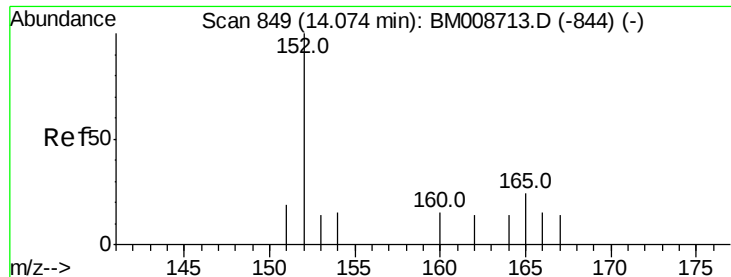
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#7

Acenaphthylene

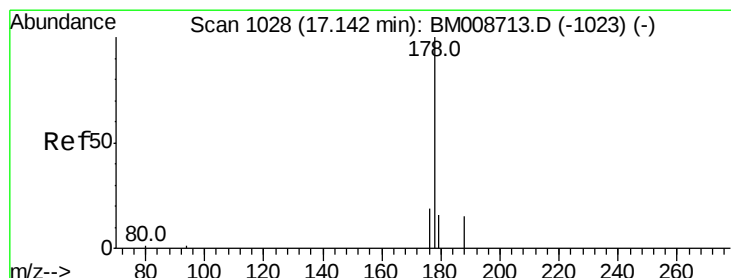
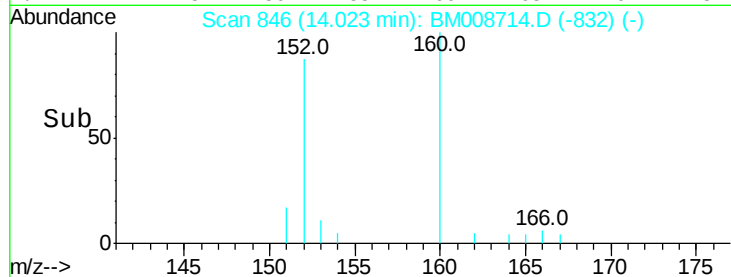
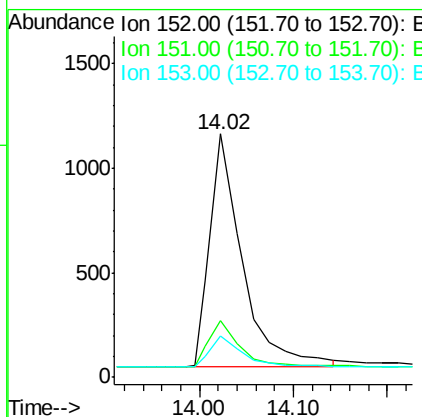
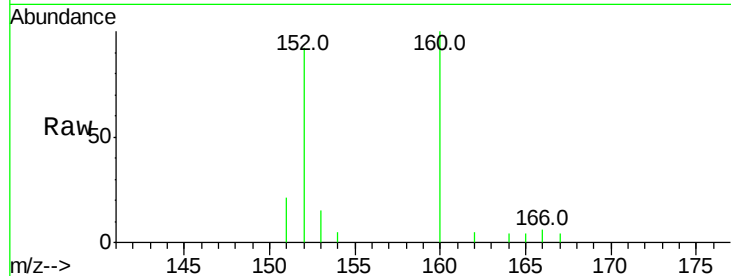
Concen: 0.92 ng/ul m
RT: 14.02 min Scan# 846
Delta R.T. -0.05 min
Lab File: BM008714.D
Acq: 29 Dec 2016 11:13

Instrument :
BNA_M
ClientSampleId :
DA7G0DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.4	17.1	25.7
153	16.8	12.8	19.2

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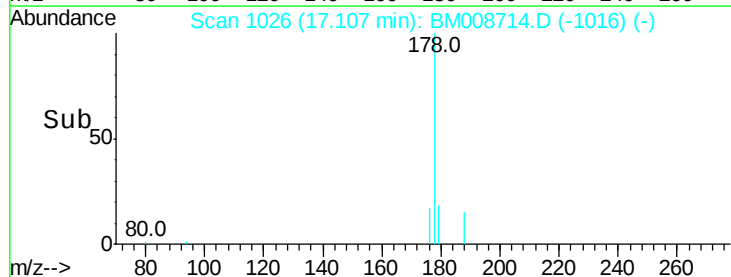
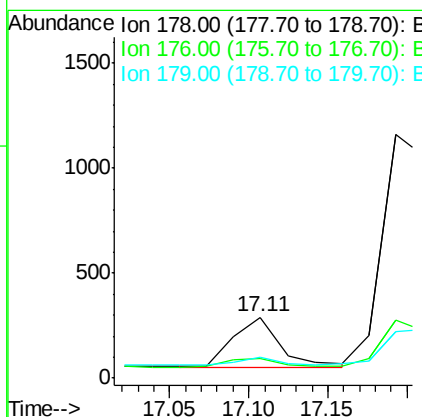
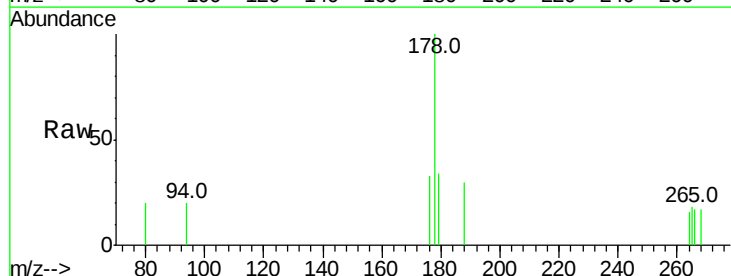


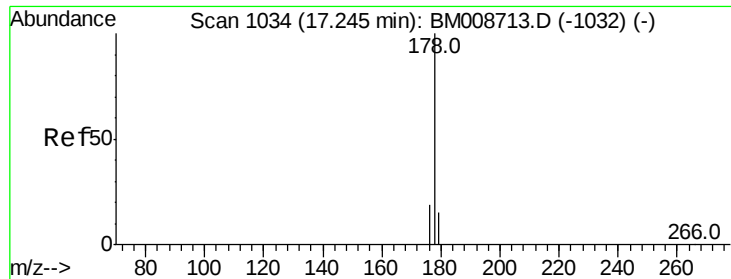
#12

Phenanthrene

Concen: 0.14 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BM008714.D
Acq: 29 Dec 2016 11:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	32.5	18.4	27.6#
179	33.9	13.6	20.4#





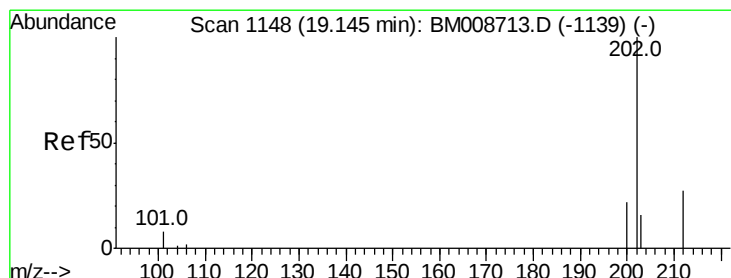
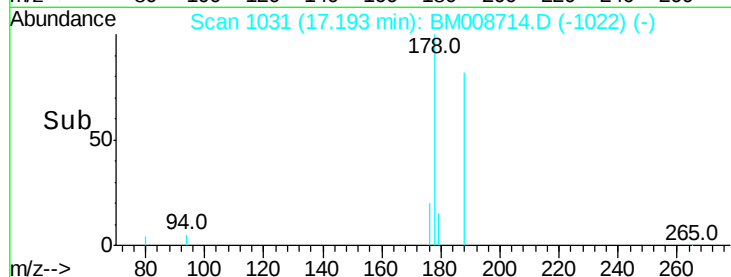
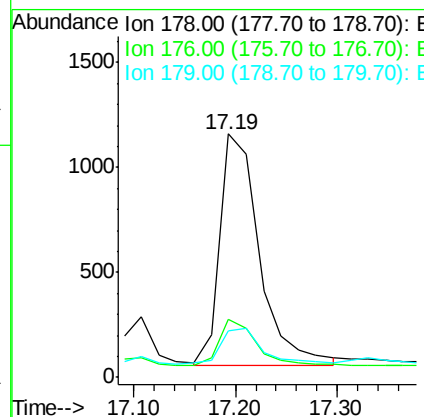
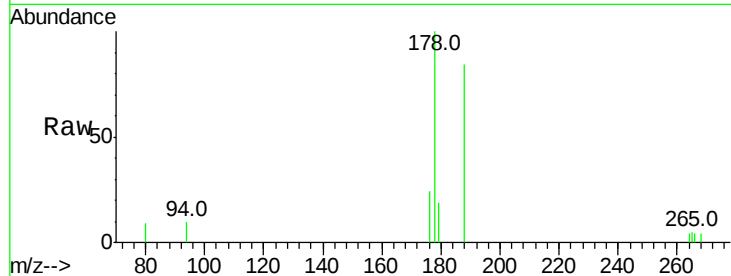
#13
 Anthracene
 Concen: 0.83 ng/ul m
 RT: 17.19 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.1	27.1
179	19.1	14.7	22.1

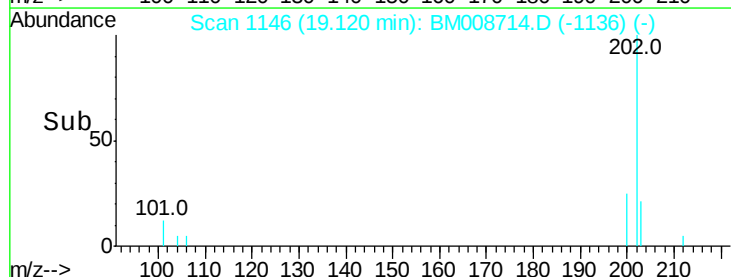
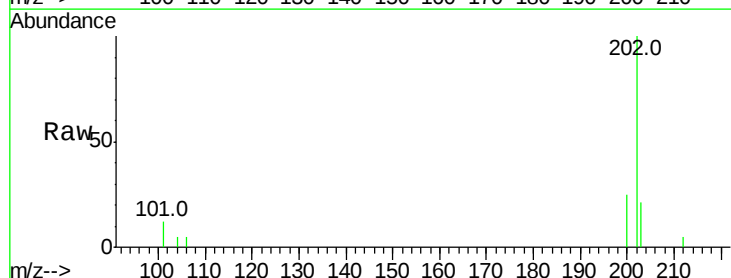
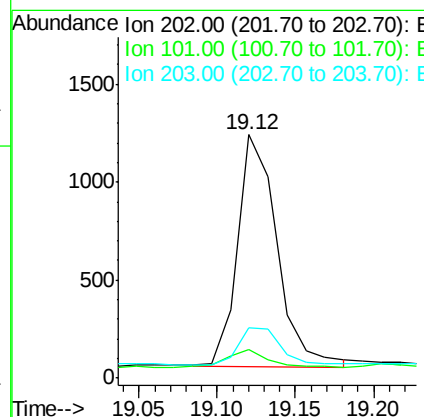
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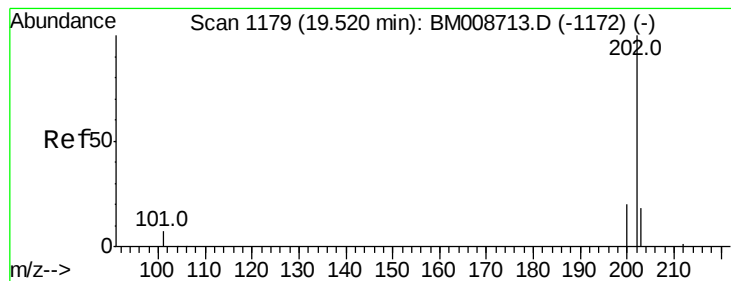
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#15
 Fluoranthene
 Concen: 0.46 ng/ul m
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
203	20.6	0.0	39.5





#17

Pvrene

Concen: 0.80 ng/ul m

RT: 19.48 min Scan# 1176

Delta R.T. -0.04 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Instrument :

BNA_M

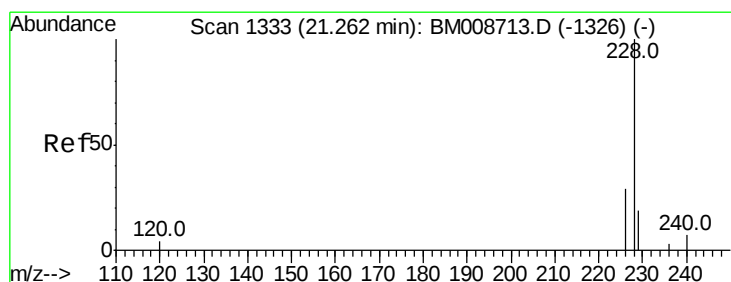
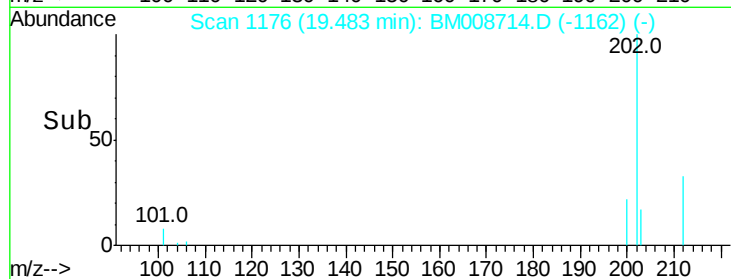
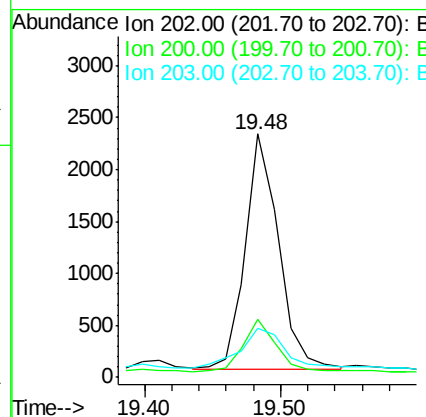
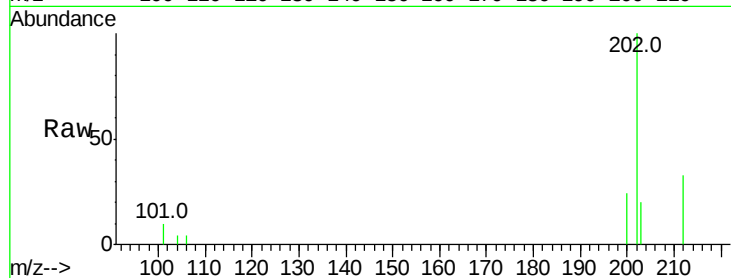
ClientSampleId :

DA7G0DL

Tot Ion:	202	Resp:	3850
Ion Ratio	Lower	Upper	
202	100		
200	23.6	18.2	27.4
203	20.3	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 1.20 ng/ul m

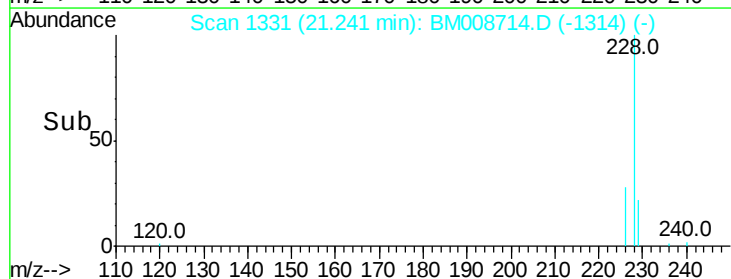
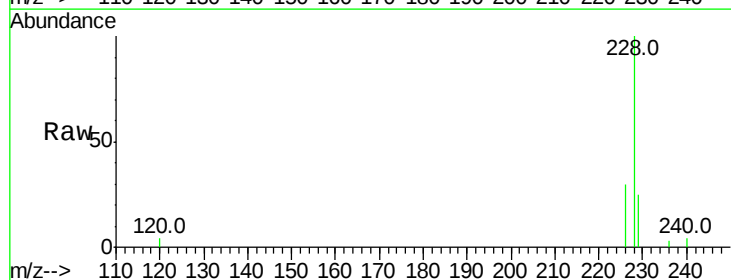
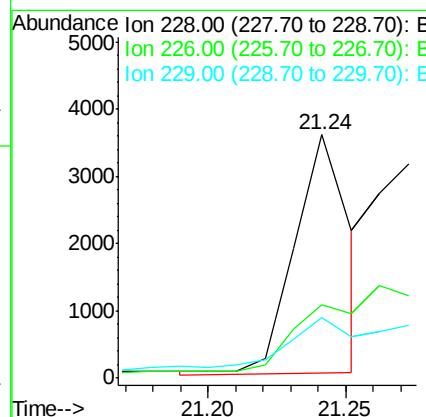
RT: 21.24 min Scan# 1331

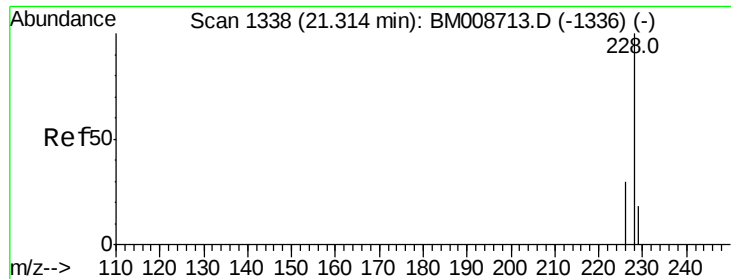
Delta R.T. -0.02 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Tgt Ion:	228	Resp:	4901
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.8	34.2
229	24.7	17.0	25.6





#19

Chrysene

Concen: 2.68 ng/ul m

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Instrument :

BNA_M

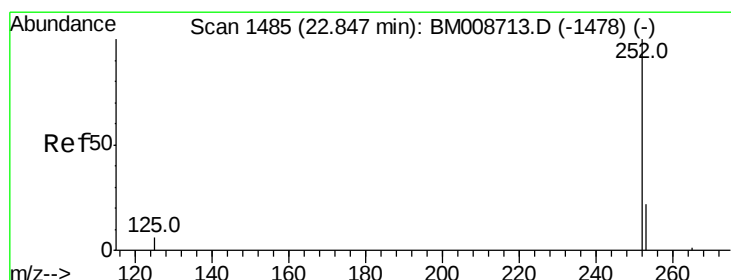
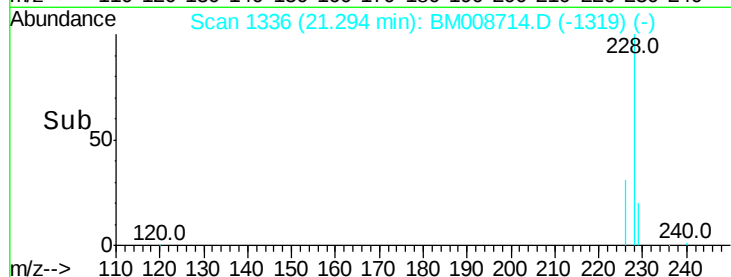
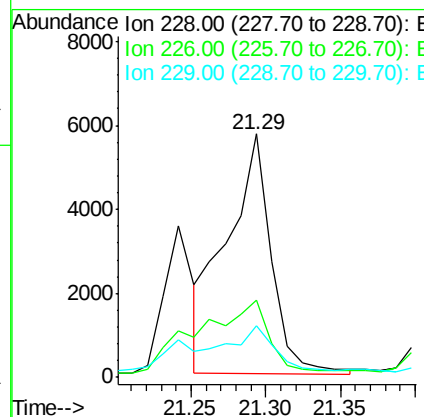
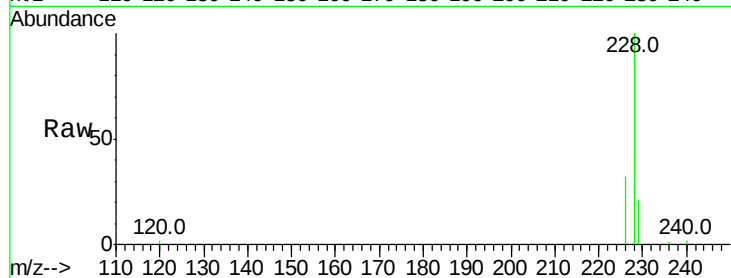
ClientSampleId :

DA7G0DL

Tot Ion:	228	Resp:	11951
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.0
229	21.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 7.25 ng/ul m

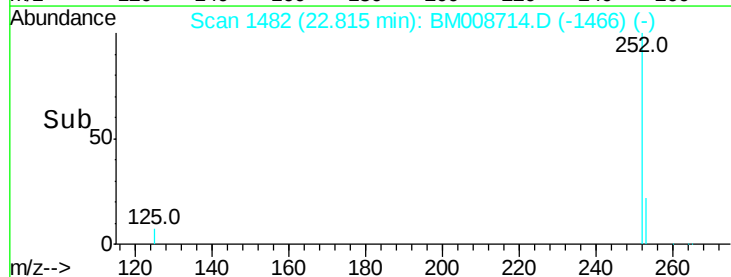
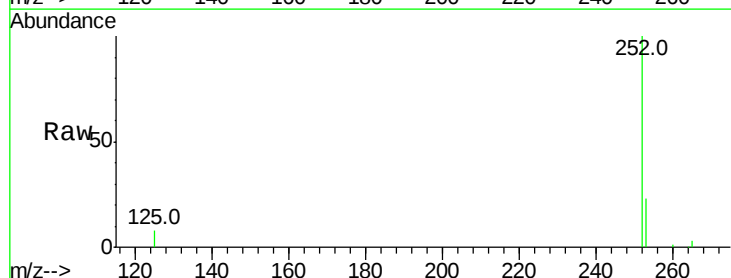
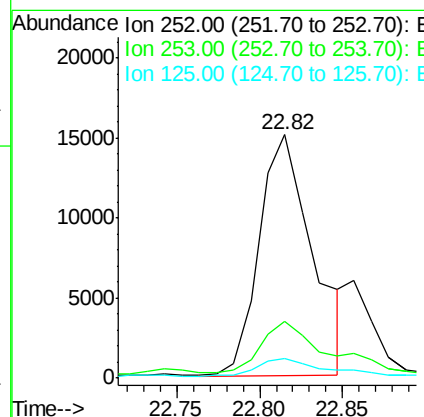
RT: 22.82 min Scan# 1482

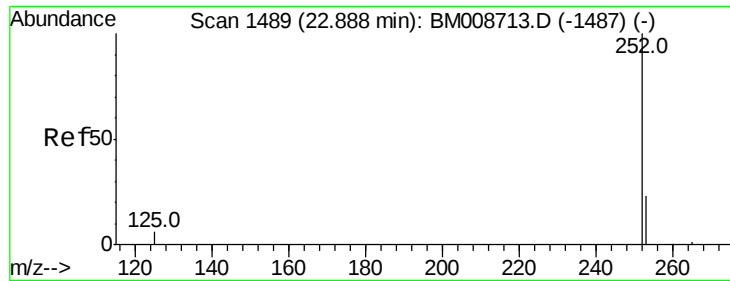
Delta R.T. -0.03 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Tgt Ion:	252	Resp:	34185
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	8.0	0.0	35.0





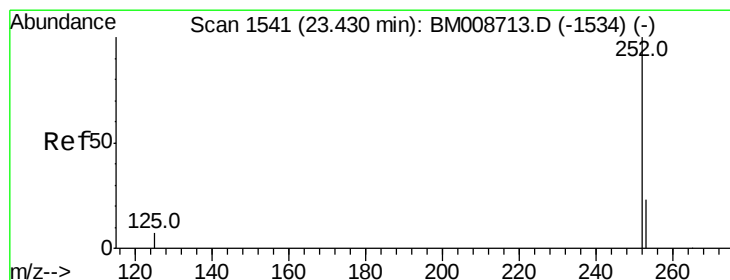
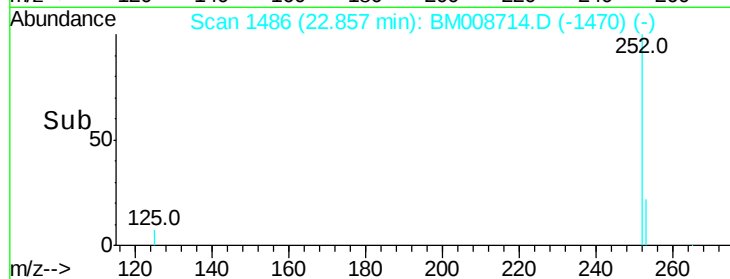
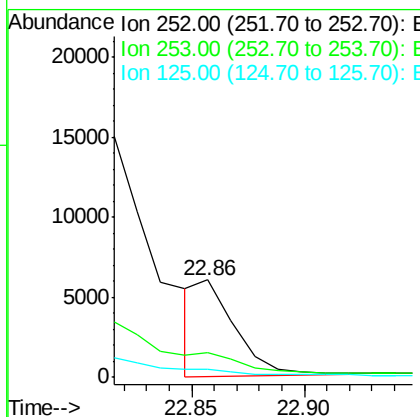
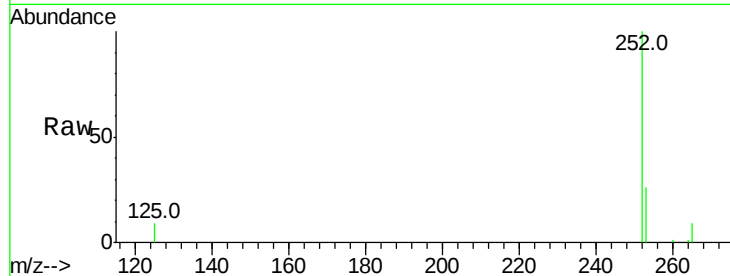
#22
Benzo(k)fluoranthene
Concen: 1.57 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.03 min
Lab File: BM008714.D
Acq: 29 Dec 2016 11:13

Instrument :
BNA_M
ClientSampleId :
DA7G0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	24.5	36.7
125	8.7	13.7	20.5#

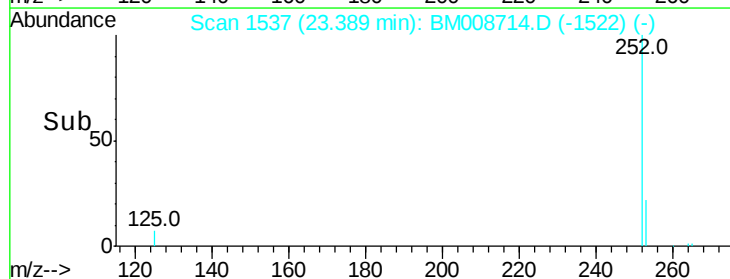
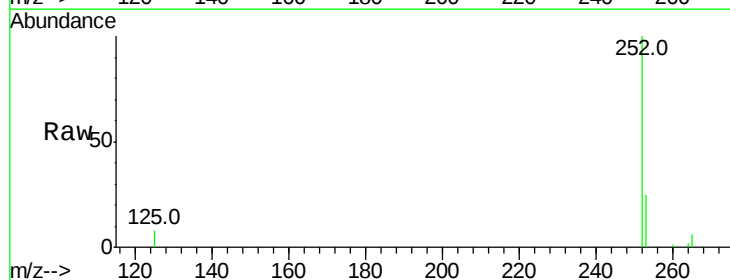
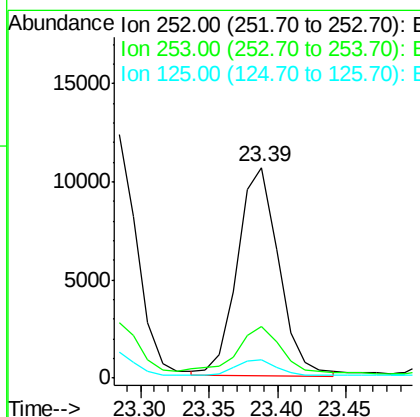
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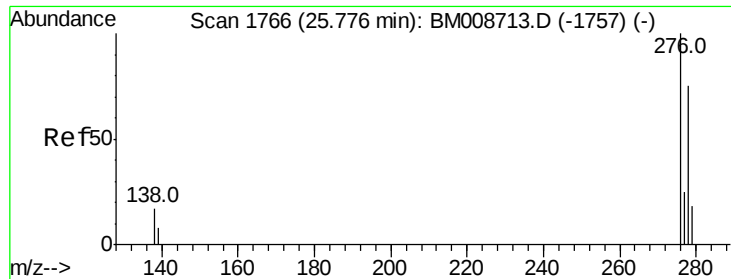
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#23
Benzo(a)pyrene
Concen: 5.09 ng/ul m
RT: 23.39 min Scan# 1537
Delta R.T. -0.04 min
Lab File: BM008714.D
Acq: 29 Dec 2016 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.5	42.7#
125	8.4	18.1	27.1#





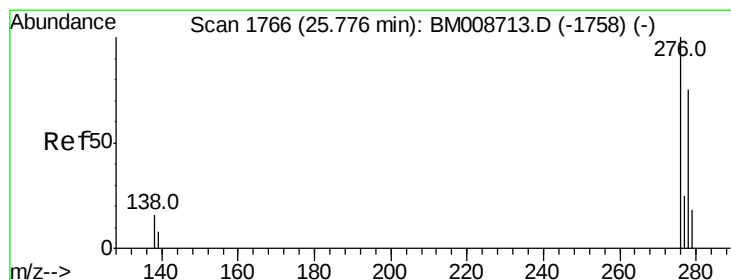
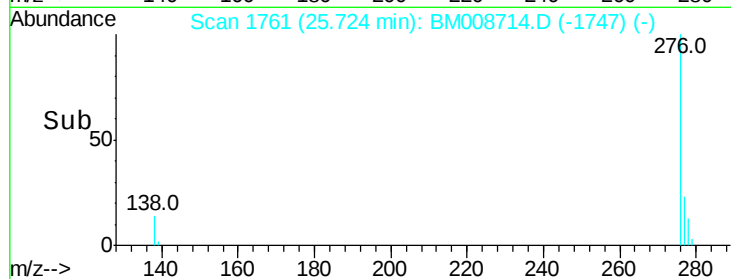
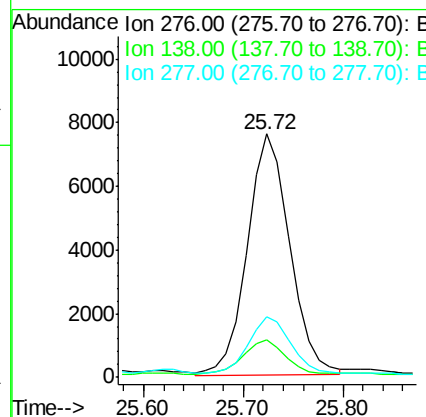
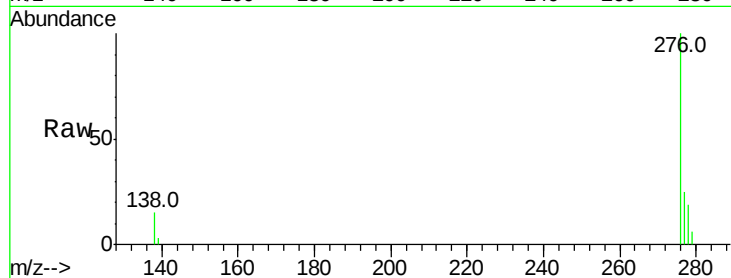
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.29 ng/ul m
 RT: 25.72 min Scan# 1761
 Delta R.T. -0.05 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

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

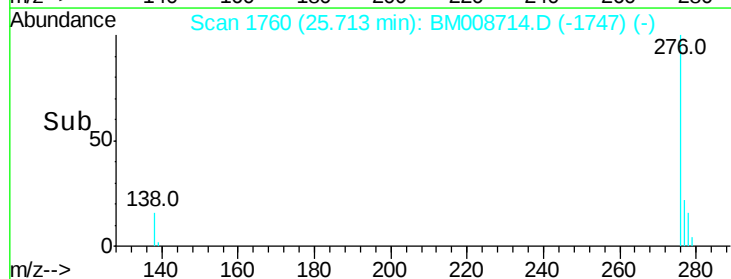
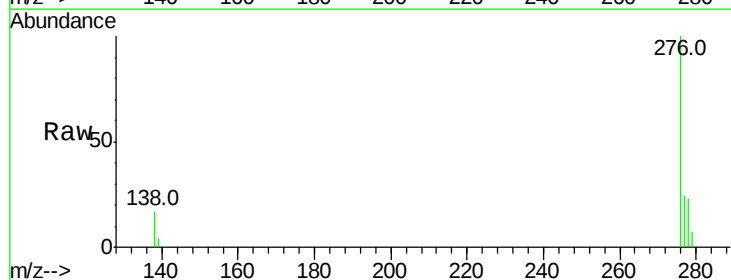
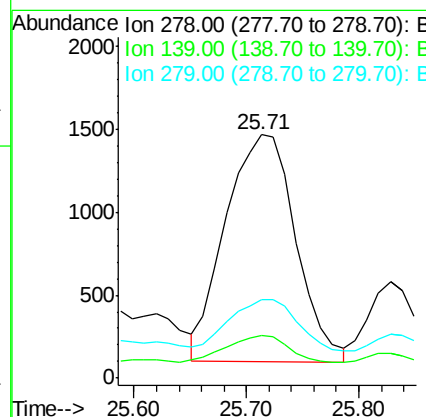
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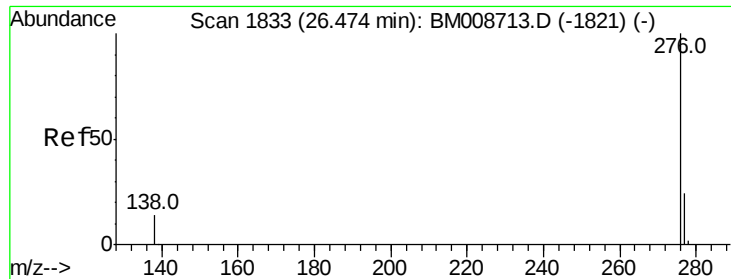
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.43 ng/ul m
 RT: 25.71 min Scan# 1760
 Delta R.T. -0.06 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.4	26.0#
279	32.0	25.9	38.9





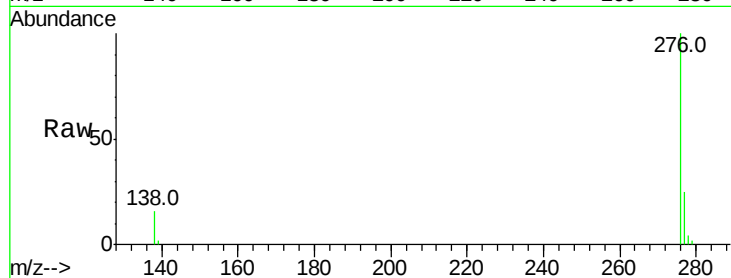
#26
 Benzo(a,h,i)perylene
 Concen: 5.14 ng/ul m
 RT: 26.41 min Scan# 1827
 Delta R.T. -0.06 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.8	32.8
138	16.3	20.5	30.7

Manual Integrations
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 12/30/2016 8:42:34 AM



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

