

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022086.D
 Acq On : 14 Aug 2019 01:32
 Operator : HP/JU
 Sample : K4183-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

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Quant Time: Aug 14 08:31:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	700	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	2897	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.26	164	1517	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3602m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	3653m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4021m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	981	0.21	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	2811m	0.23	ng/ul	-0.02
Target Compounds				Qvalue		
7) Acenaphthylene	13.98	152	365	0.052	ng/ul#	69
12) Phenanthrene	17.06	178	2343	0.224	ng/ul	95
13) Anthracene	17.15	178	688m	0.077	ng/ul	
15) Fluoranthene	19.08	202	28150m	2.005	ng/ul	
17) Pyrene	19.44	202	29047	1.935	ng/ul	99
18) Benzo(a)anthracene	21.20	228	31978m	2.447	ng/ul	
19) Chrysene	21.25	228	37535m	2.234	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	45902m	3.385	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	17527m	1.142	ng/ul	
23) Benzo(a)pyrene	23.33	252	38200m	2.770	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	21924m	1.332	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	7655m	0.575	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	25359	1.711	ng/ul	99

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

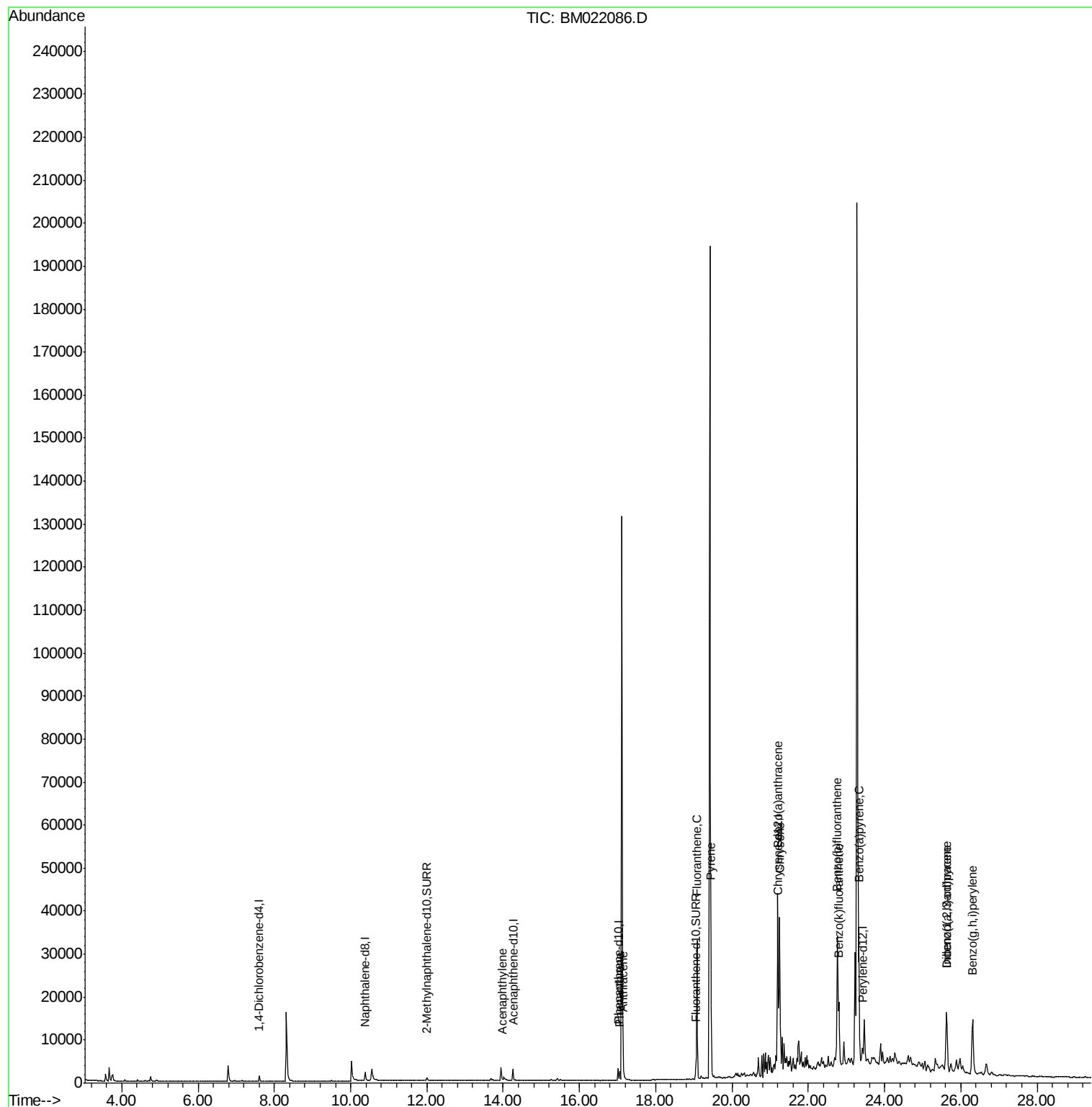
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

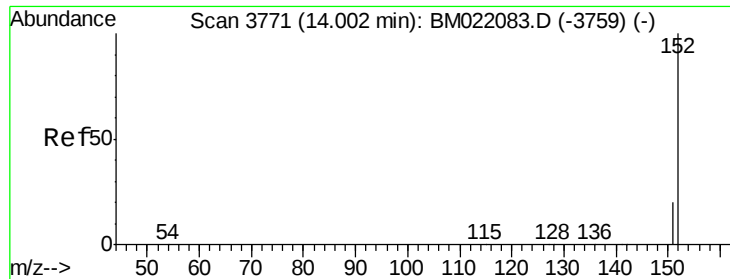
Instrument :
BNA_M
ClientSampleId :
C0AF0

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Quant Time: Aug 14 08:31:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Instrument :

BNA_M

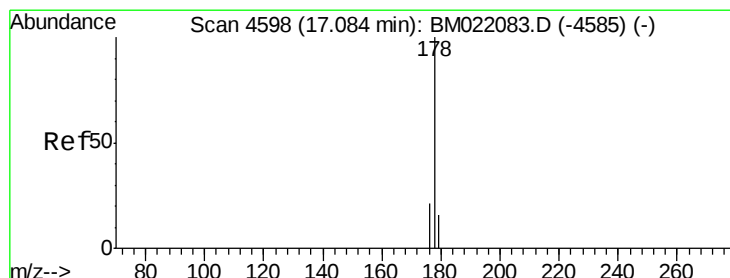
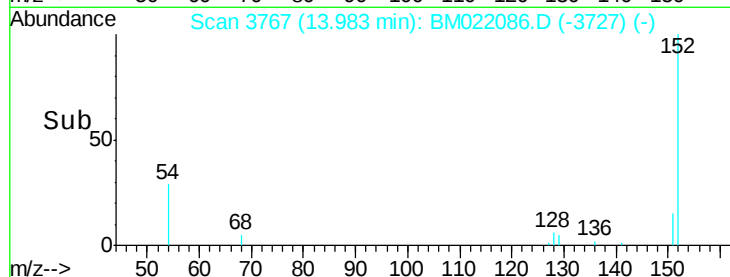
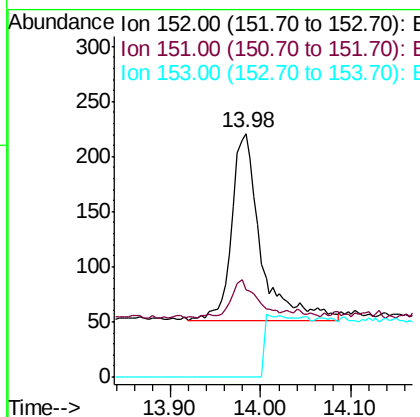
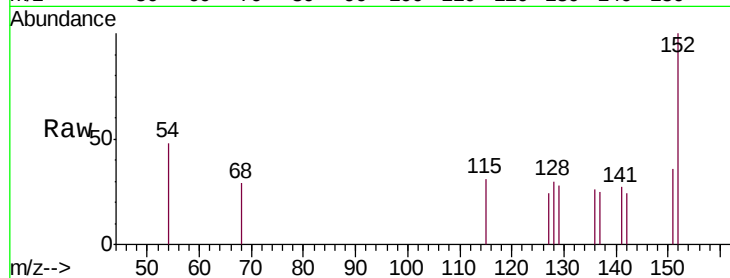
ClientSampleId :

C0AF0

Tgt Ion	Ratio	Lower	Upper
152	100		
151	35.7	18.3	27.5#
153	0.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.224 ng/ul

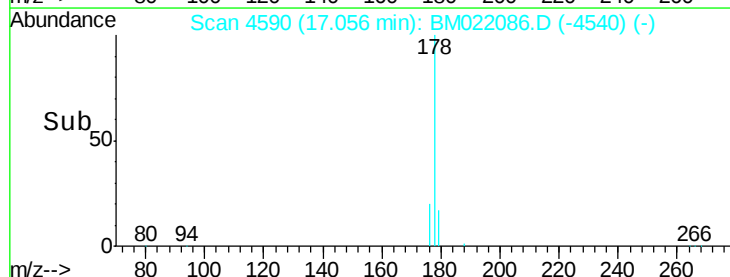
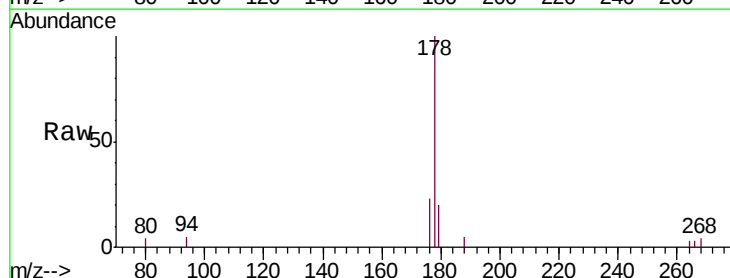
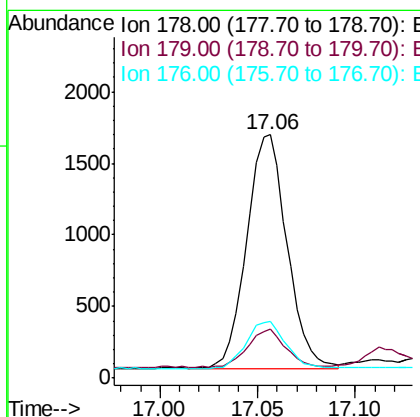
RT: 17.06 min Scan# 4590

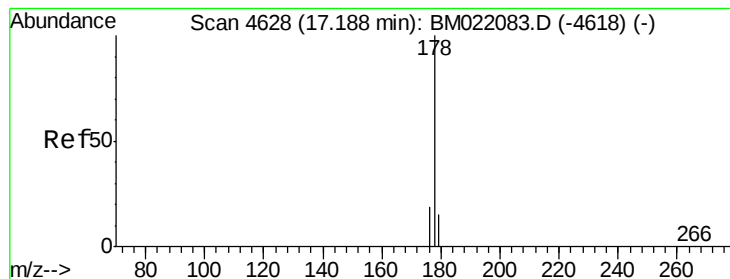
Delta R.T. -0.03 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.4	14.2	21.2
176	23.2	16.8	25.2





#13

Anthracene

Concen: 0.077 ng/ul m

RT: 17.15 min Scan# 4617

Delta R.T. -0.04 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Instrument :

BNA_M

ClientSampleId :

C0AF0

Tgt Ion:178 Resp: 688

Ion Ratio Lower Upper

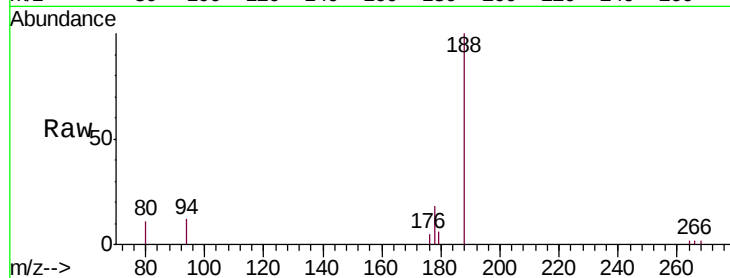
178 100

179 31.4 15.5 23.3#

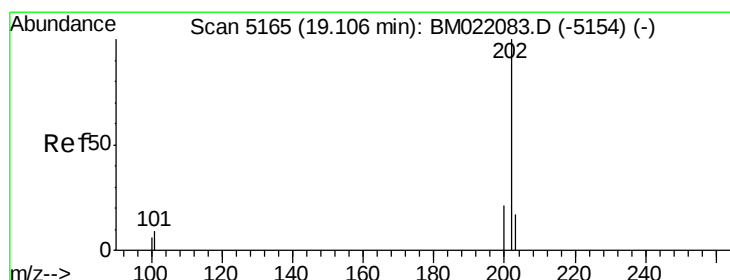
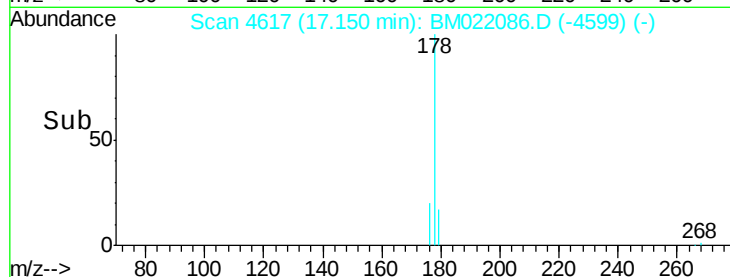
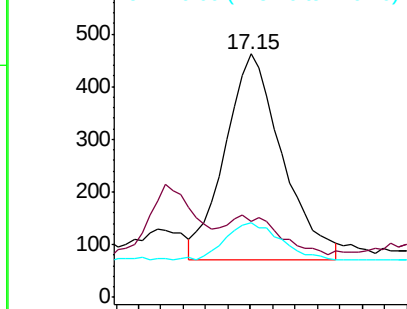
176 30.7 16.6 25.0#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 2.005 ng/ul m

RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

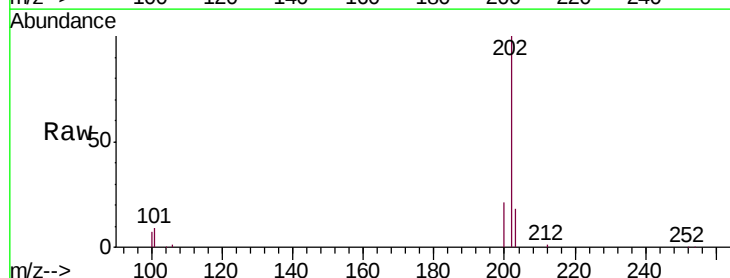
Tgt Ion:202 Resp: 28150

Ion Ratio Lower Upper

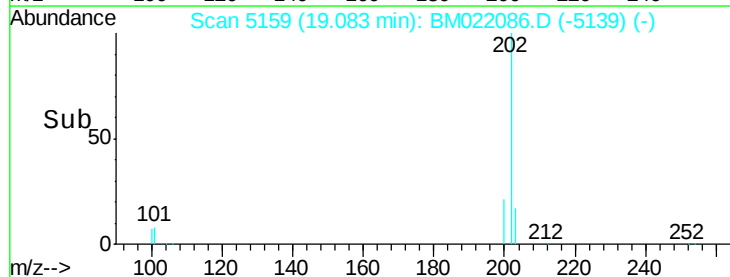
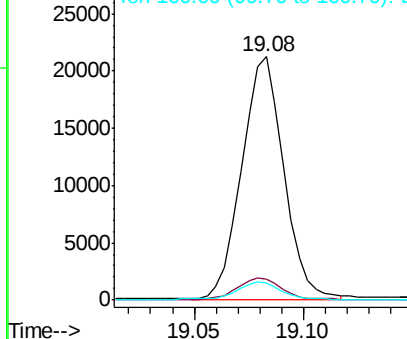
202 100

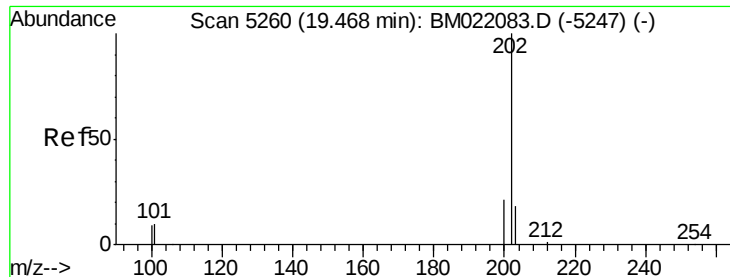
101 8.6 0.0 30.2

100 6.8 0.0 28.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





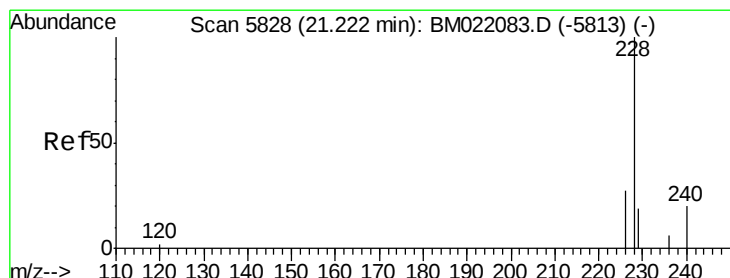
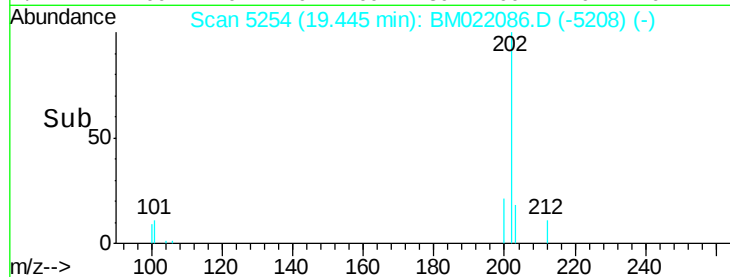
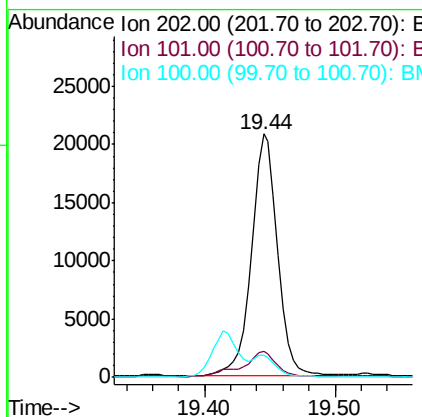
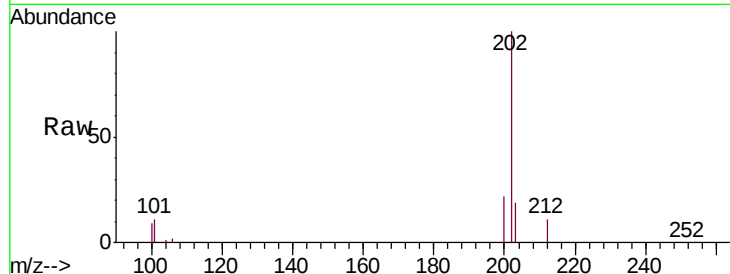
#17
Pyrene
 Concen: 1.935 ng/ul
 RT: 19.44 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Instrument :
 BNA_M
 ClientSampled :
 C0AF0

Tgt Ion:	202	Resp:	29047
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	9.3	7.2	10.8

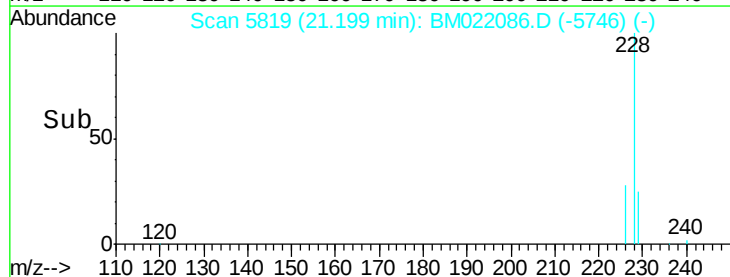
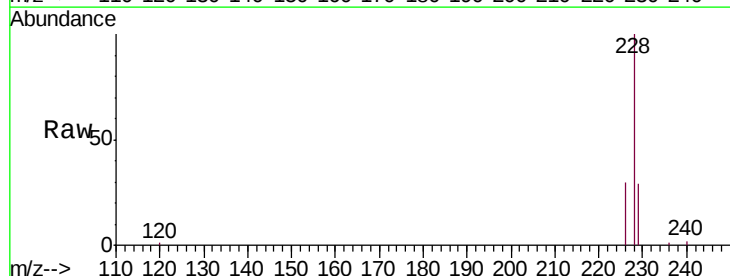
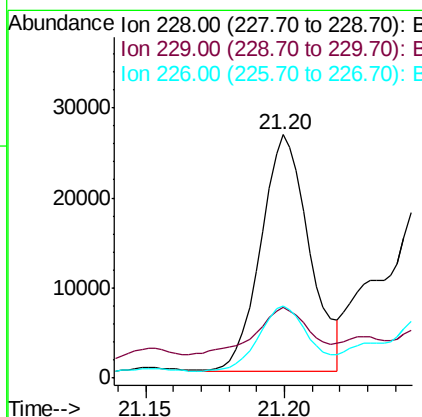
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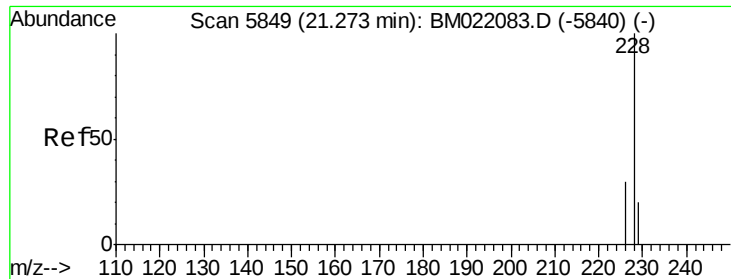
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#18
Benzo(a)anthracene
 Concen: 2.447 ng/ul m
 RT: 21.20 min Scan# 5819
 Delta R.T. -0.02 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Tgt Ion:	228	Resp:	31978
Ion Ratio	Lower	Upper	
228	100		
229	29.0	17.2	25.8#
226	29.9	22.6	34.0





#19

Chrysene

Concen: 2.234 ng/ul m

RT: 21.25 min Scan# 5841

Delta R.T. -0.02 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Instrument :

BNA_M

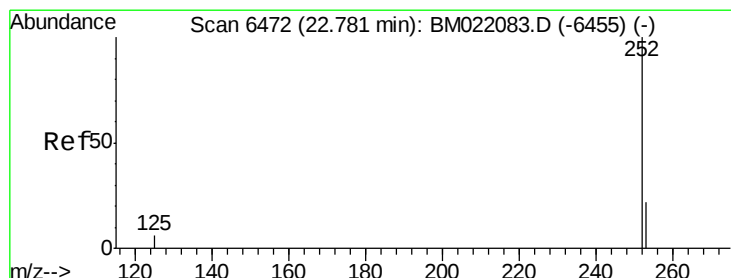
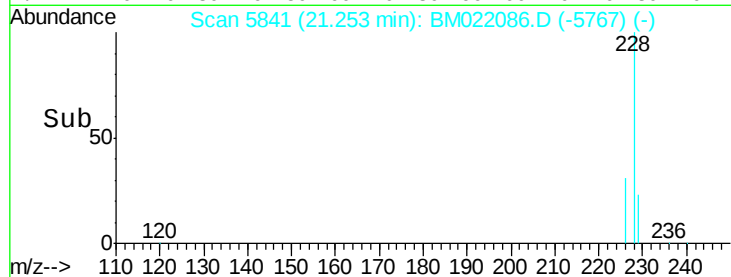
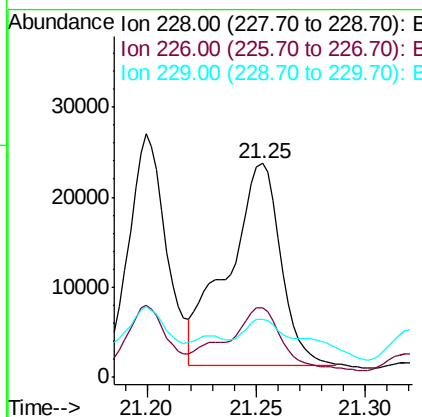
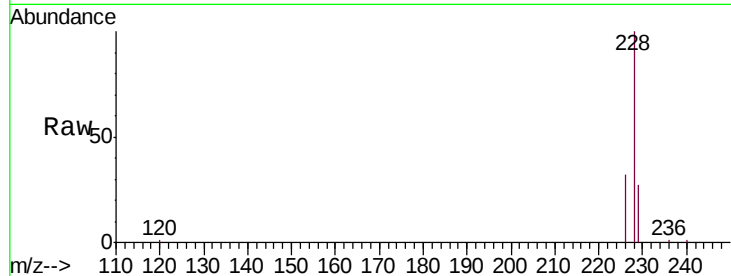
ClientSampleId :

C0AF0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	27.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 3.385 ng/ul m

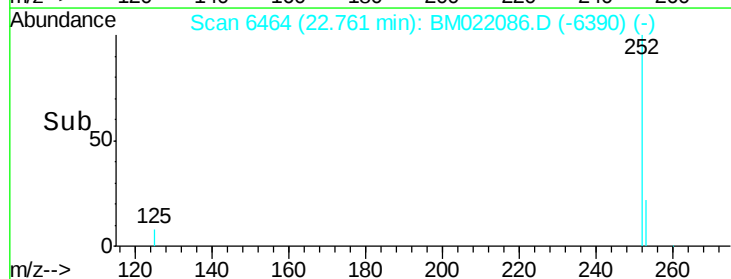
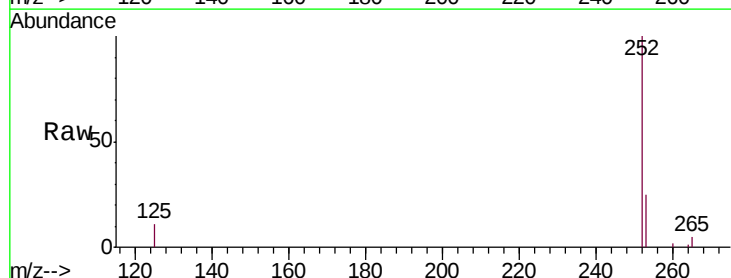
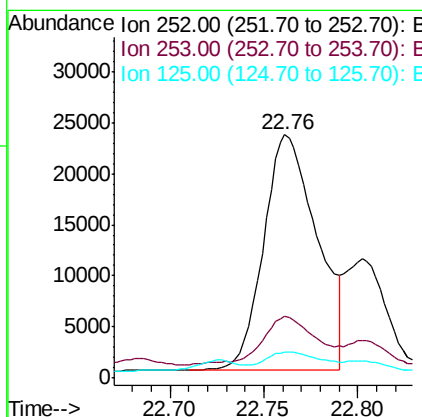
RT: 22.76 min Scan# 6464

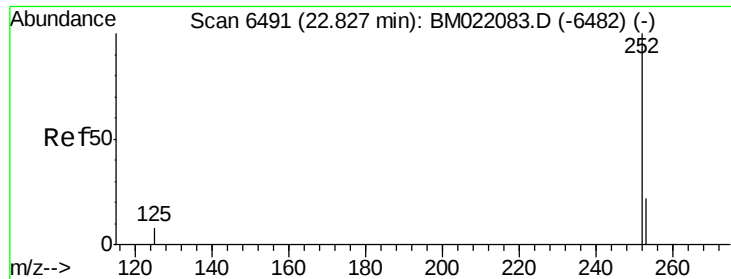
Delta R.T. -0.02 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	67.4
125	10.8	0.0	31.0





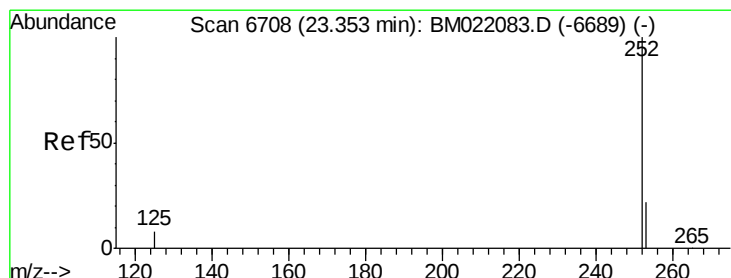
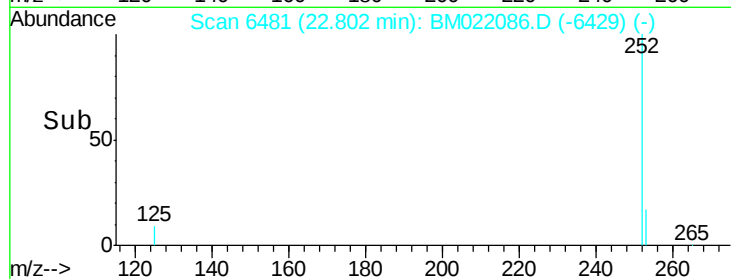
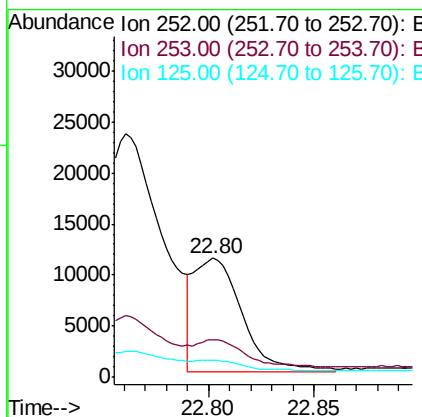
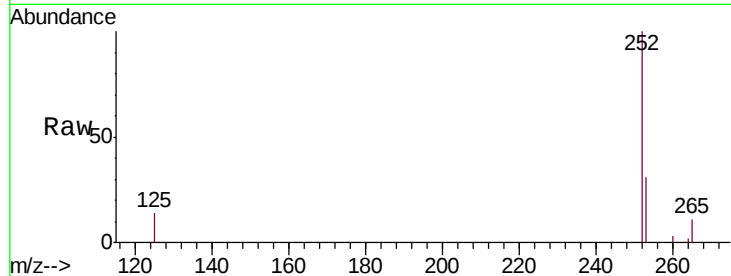
#22
Benzo(k)fluoranthene
Concen: 1.142 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.02 min
Lab File: BM022086.D
Acq: 14 Aug 2019 01:32

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	27.0	40.4
125	14.3	12.2	18.2

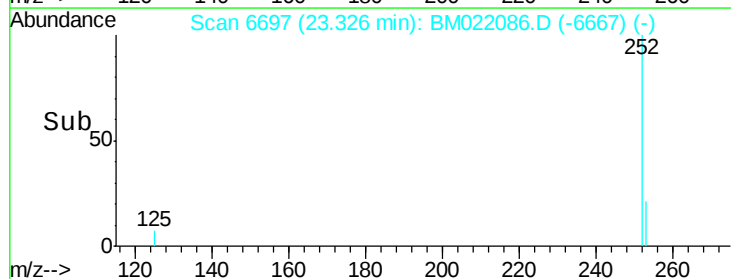
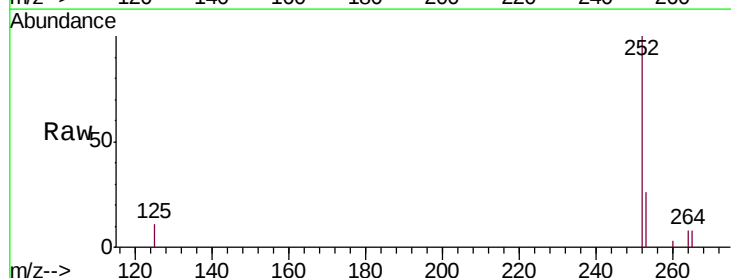
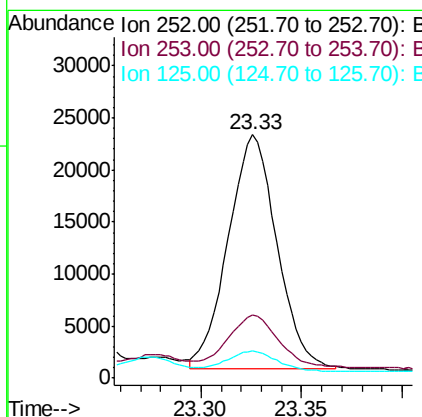
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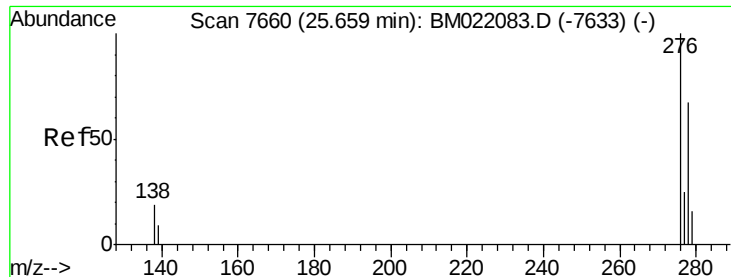
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#23
Benzo(a)pyrene
Concen: 2.770 ng/ul m
RT: 23.33 min Scan# 6697
Delta R.T. -0.03 min
Lab File: BM022086.D
Acq: 14 Aug 2019 01:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	31.7	47.5#
125	11.2	14.6	21.8#





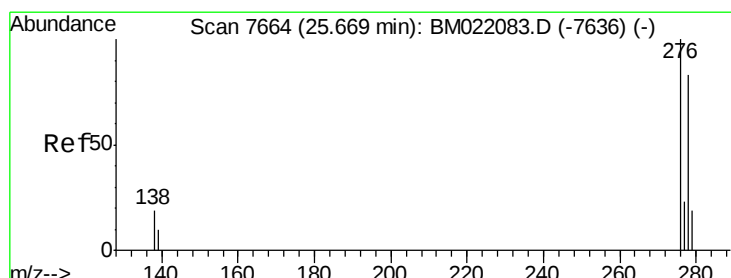
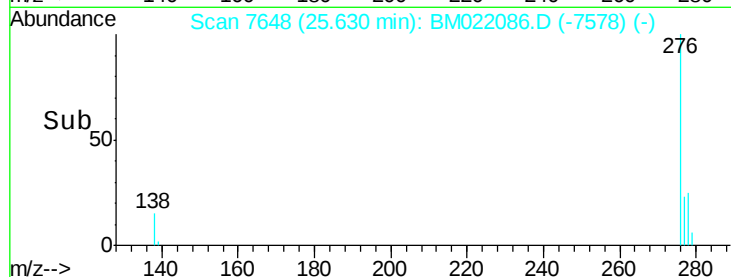
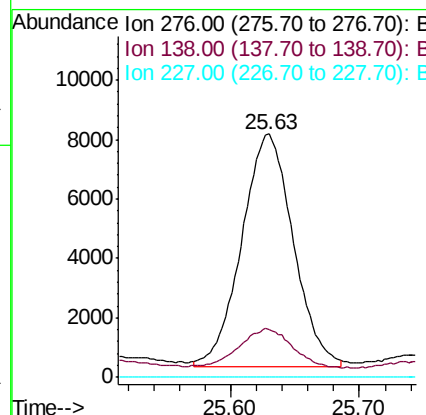
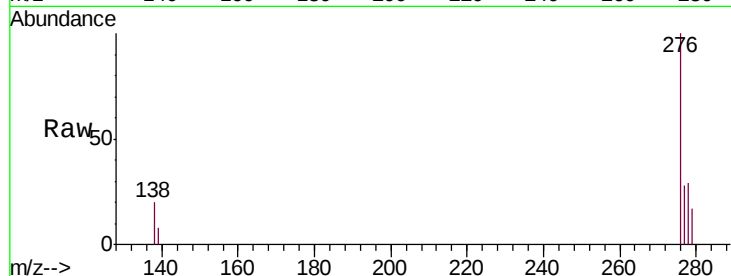
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.332 ng/ul m
 RT: 25.63 min Scan# 7648
 Delta R.T. -0.03 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Instrument :
 BNA_M
 ClientSampleId :
 COAF0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.2	15.1	22.7#
227	0.0	0.0	0.0

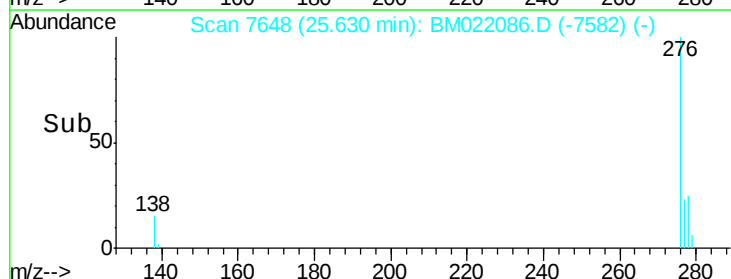
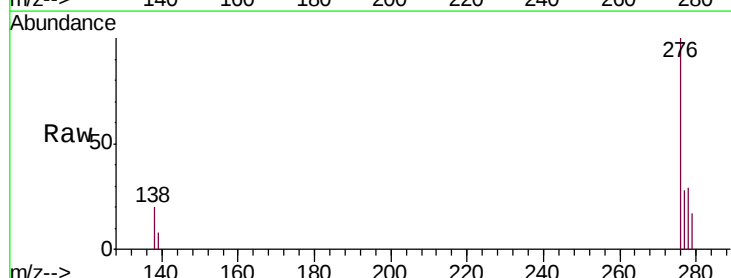
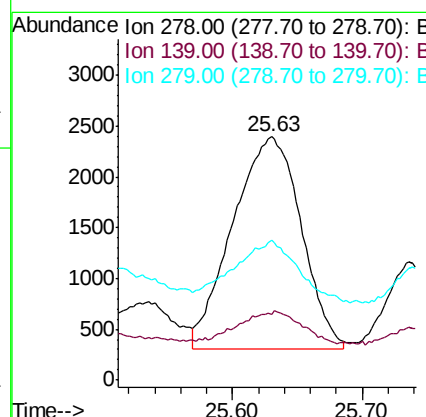
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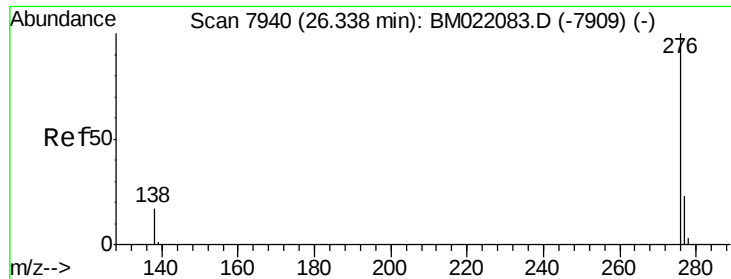
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.575 ng/ul m
 RT: 25.63 min Scan# 7648
 Delta R.T. -0.04 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

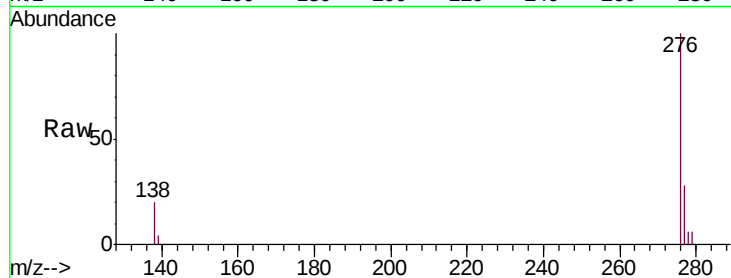
Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.8	14.2	21.2#
279	57.6	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 1.711 ng/ul
 RT: 26.31 min Scan# 7928
 Delta R.T. -0.03 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0



Tgt Ion:	276	Resp:	25359
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.5	23.3
277	27.6	21.4	32.2

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