

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
 Data File : BN006948.D
 Acq On : 22 Jul 2019 19:24
 Operator : HP/JU
 Sample : K3823-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52J8

Manual Integrations
 APPROVED

mohammad
 7/23/2019 8:42:14 AM

Quant Time: Jul 23 06:45:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2320	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8333	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	3626m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8905m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6978m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5537m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3564	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	9031m	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	3363	0.141	ng/ul#	91
5) 2-Methylnaphthalene	12.06	142	498	0.031	ng/ul	98
9) Fluorene	15.29	166	654	0.041	ng/ul#	90
12) Phenanthrene	17.04	178	4019	0.140	ng/ul	95
15) Fluoranthene	19.08	202	6708m	0.189	ng/ul	
17) Pyrene	19.43	202	5215m	0.164	ng/ul	
18) Benzo(a)anthracene	21.22	228	2018	0.070	ng/ul#	87
19) Chrysene	21.27	228	2690	0.084	ng/ul#	91
21) Benzo(b)fluoranthene	22.80	252	4064m	0.179	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	1474m	0.062	ng/ul	
23) Benzo(a)pyrene	23.34	252	2240m	0.101	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	2000m	0.089	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	2155m	0.115	ng/ul	

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

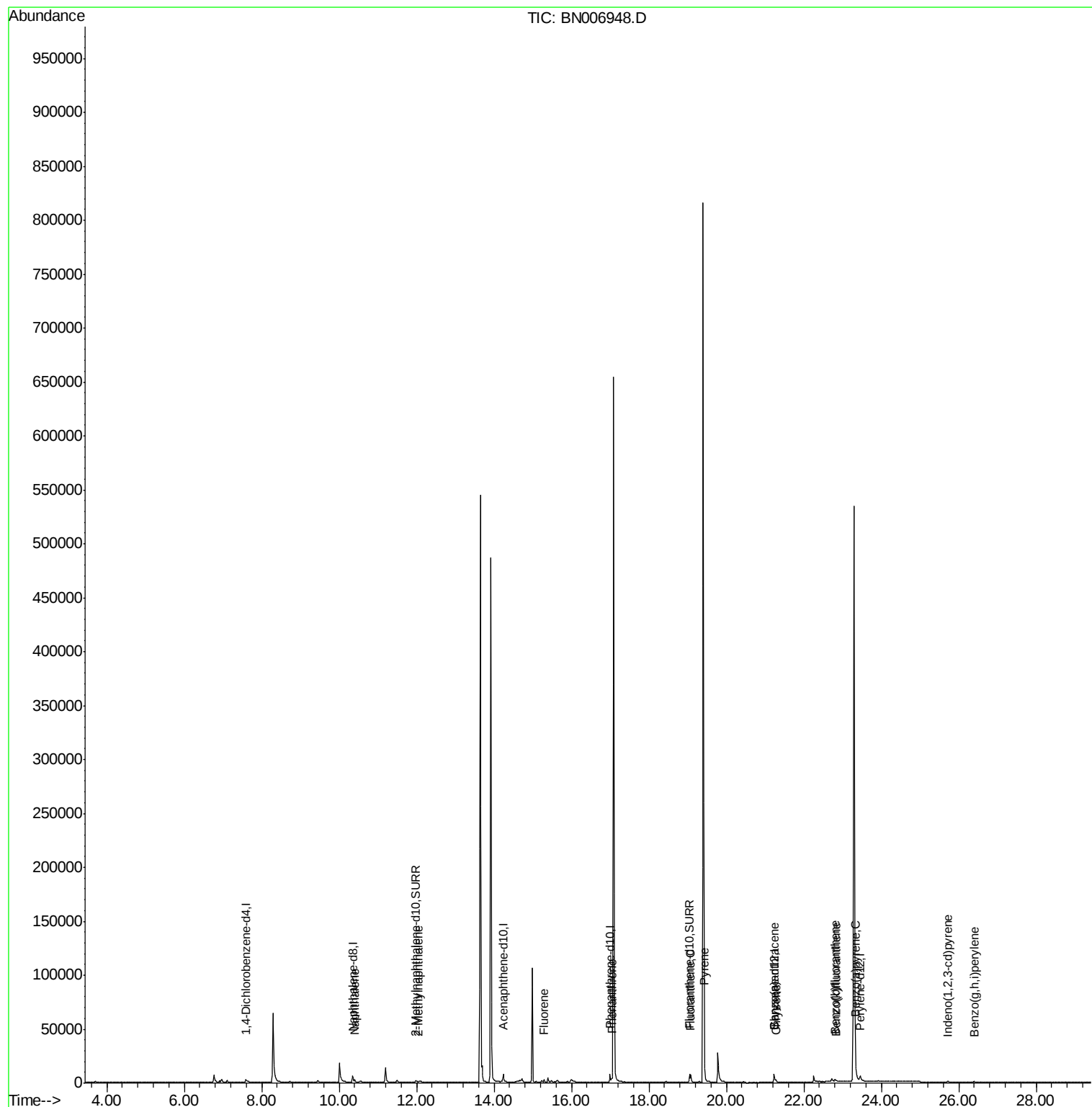
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006948.D
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ALS Vial : 8 Sample Multiplier: 1

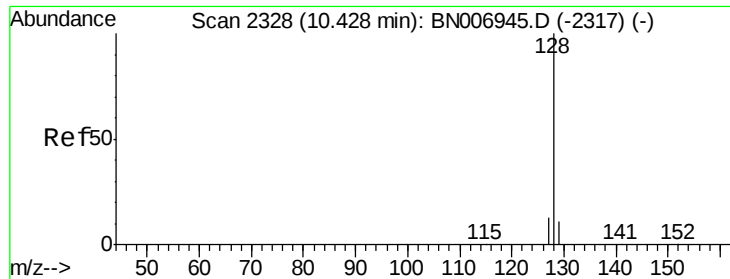
Instrument :
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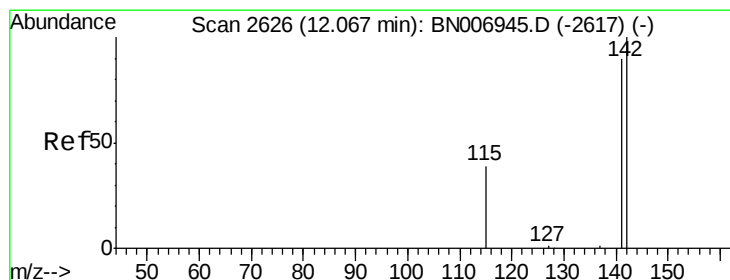
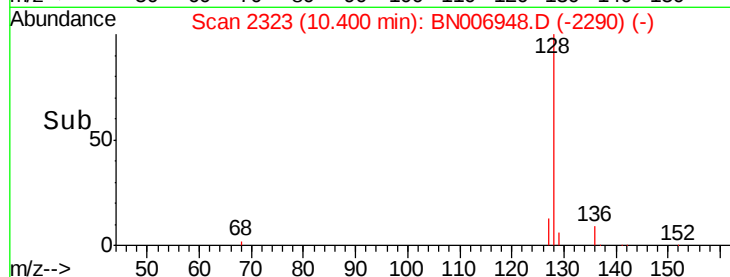
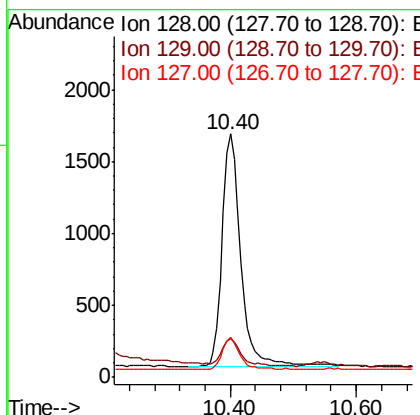
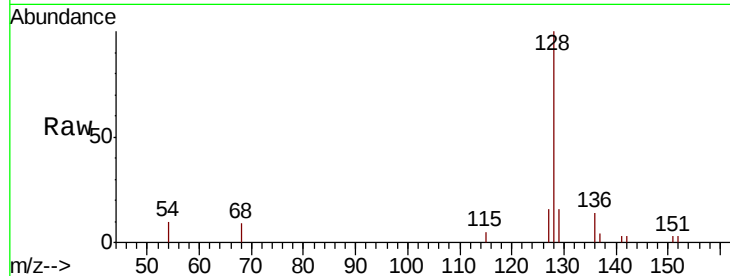
#3
Naphthalene
Concen: 0.141 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BN006948.D
Acq: 22 Jul 2019 19:24

Instrument :
BNA_N
ClientSampleId :
A52J8

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.4	14.0#
127	16.2	10.6	16.0#

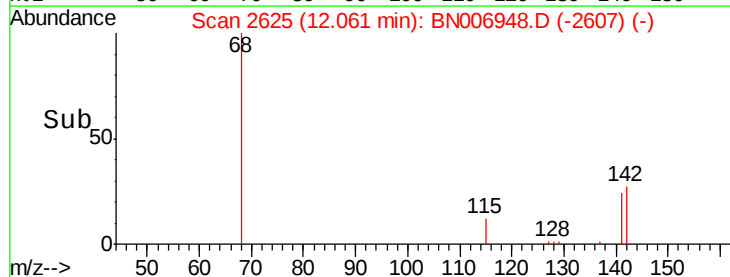
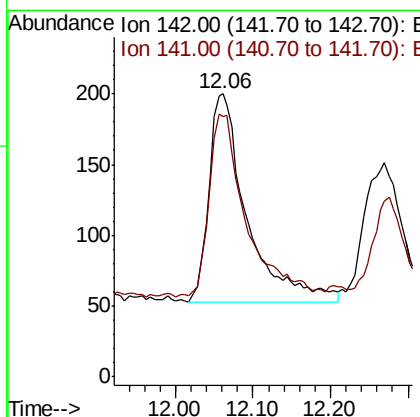
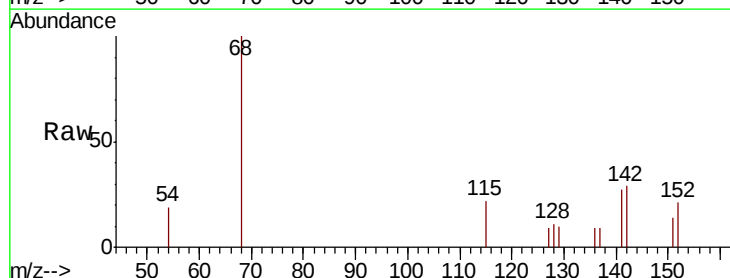
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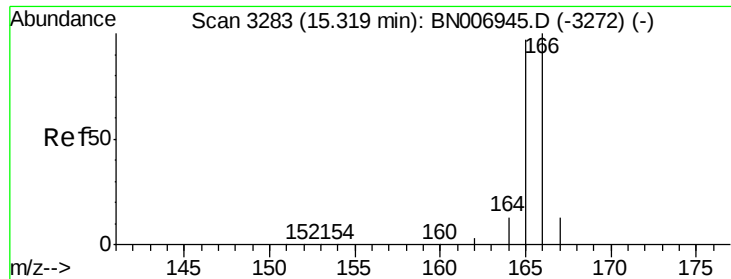
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#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN006948.D
Acq: 22 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.8	107.6





#9

Fluorene

Concen: 0.041 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Instrument :

BNA_N

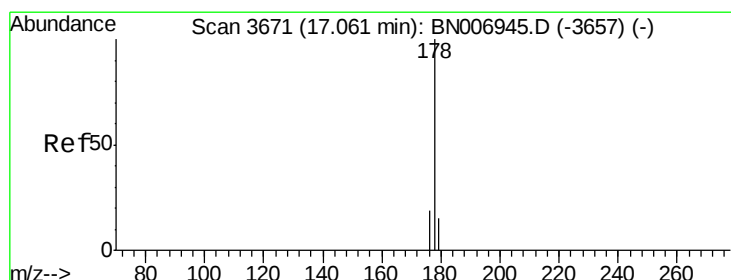
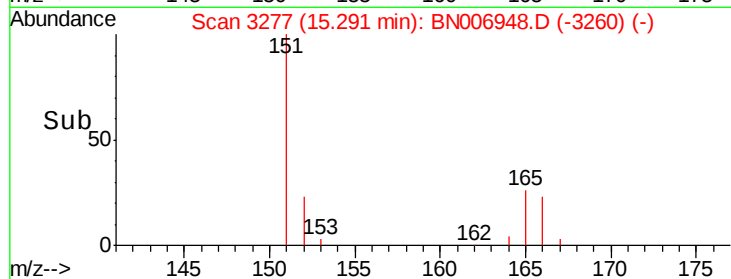
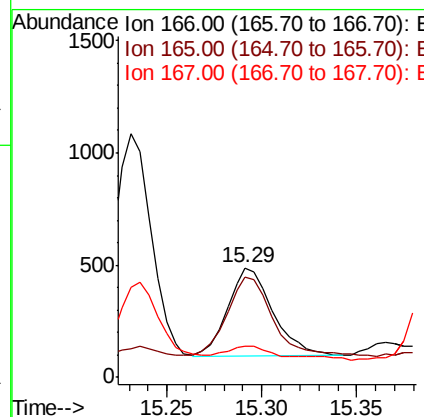
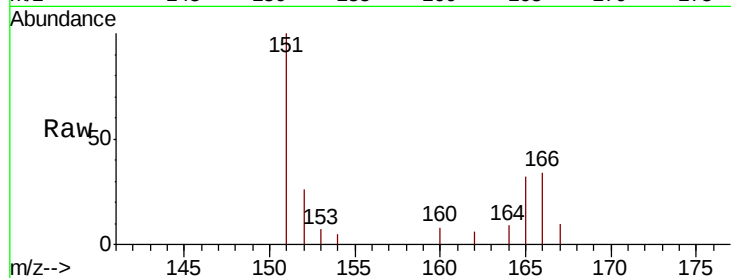
ClientSampleId :

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Tot Ion:	166	Resp:	654
Ion	Ratio	Lower	Upper
166	100		
165	91.8	78.2	117.4
167	28.1	11.3	16.9#

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#12

Phenanthrene

Concen: 0.140 ng/ul

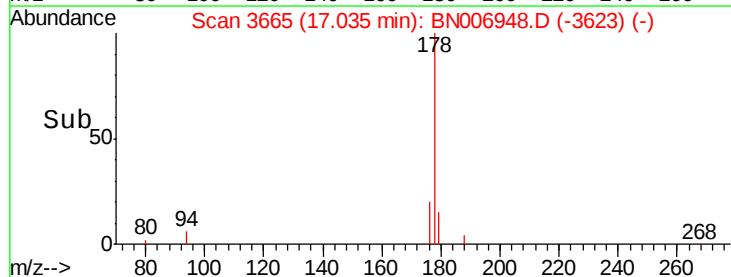
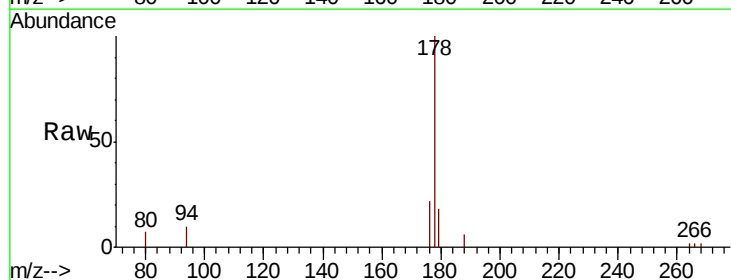
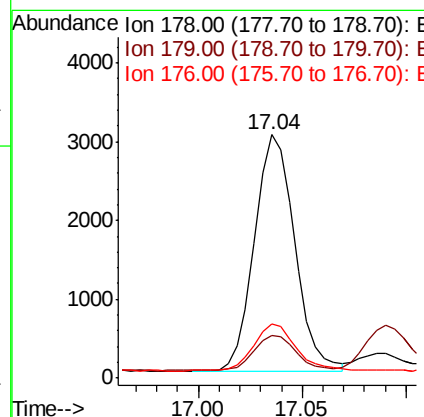
RT: 17.04 min Scan# 3665

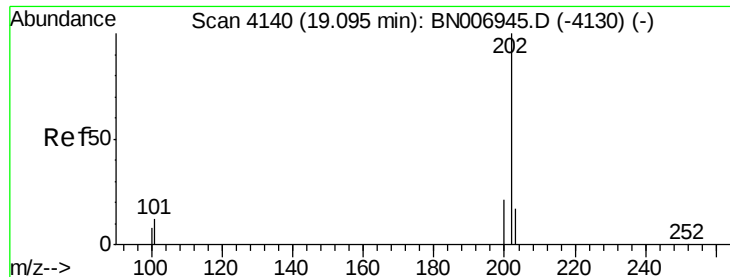
Delta R.T. -0.02 min

Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Tgt Ion:	178	Resp:	4019
Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	19.0
176	22.4	15.8	23.8





#15

Fluoranthene

Concen: 0.189 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.00 min

Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Instrument :

BNA_N

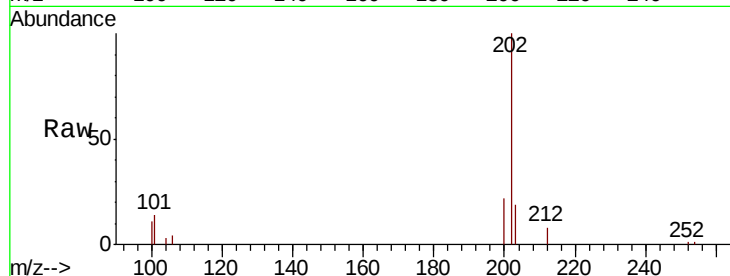
ClientSampled :

A52J8

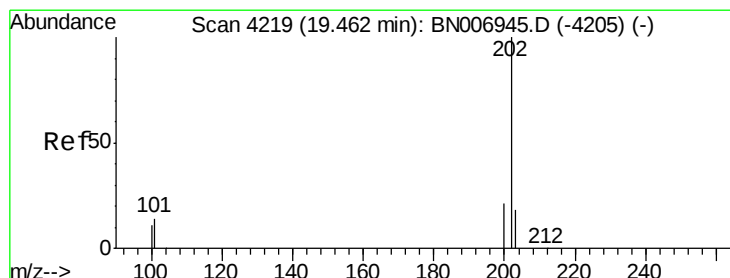
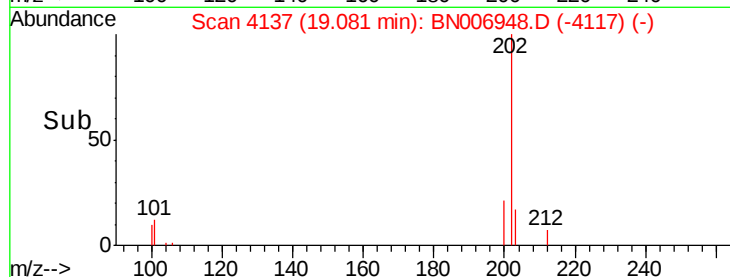
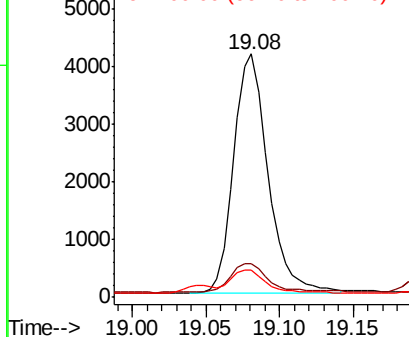
Tot Ion:	202	Resp:	6708
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.2
100	11.1	0.0	29.9

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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: 0.164 ng/ul m

RT: 19.43 min Scan# 4213

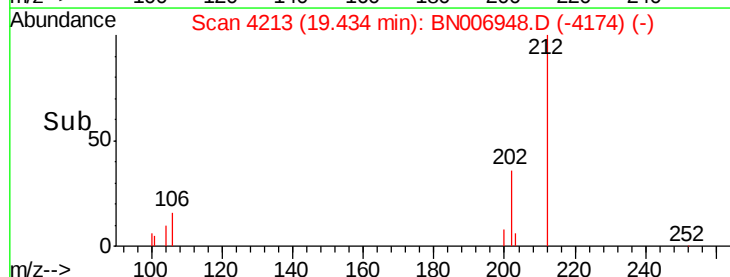
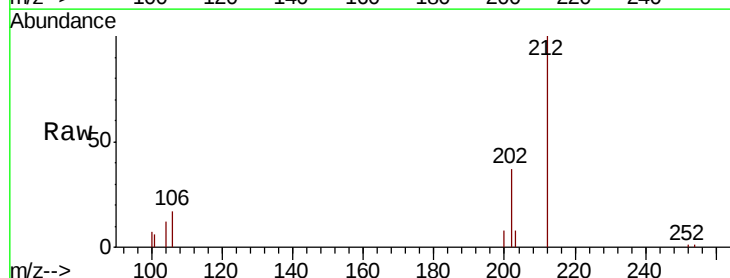
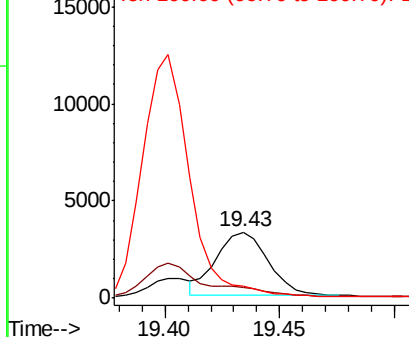
Delta R.T. -0.02 min

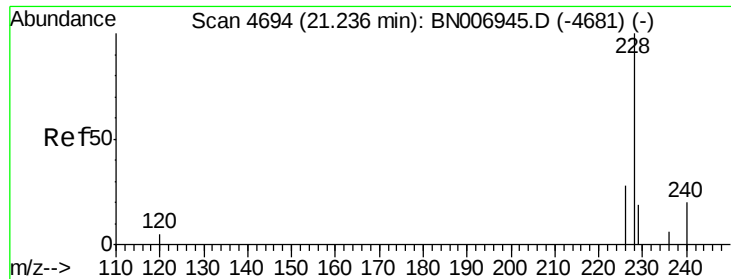
Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Tgt Ion:	202	Resp:	5215
Ion Ratio	Lower	Upper	
202	100		
101	16.9	12.2	18.2
100	18.0	9.8	14.8#

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





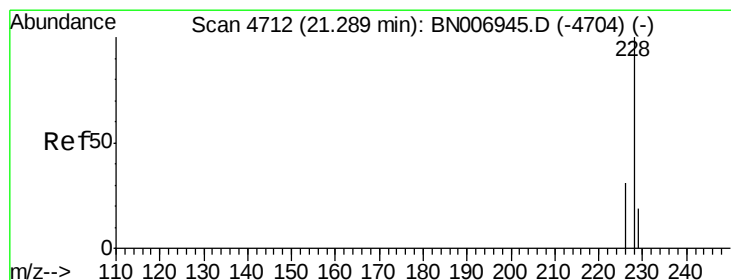
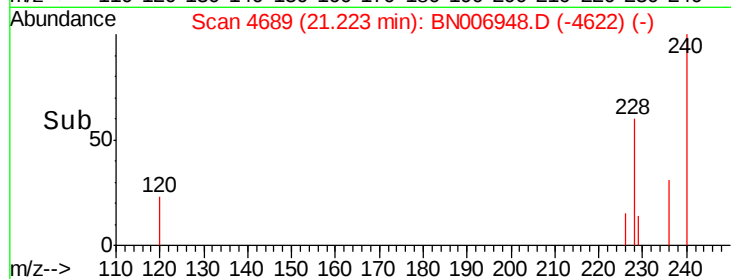
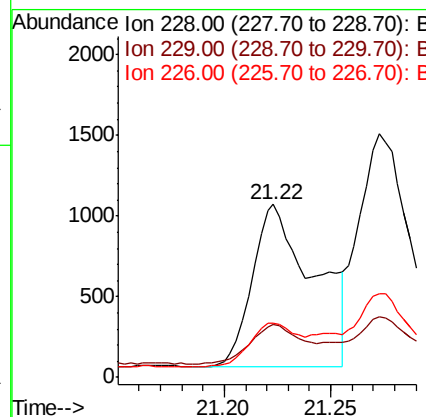
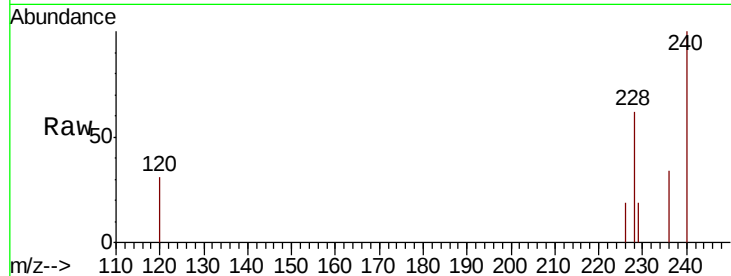
#18
Benzo(a)anthracene
Concen: 0.070 ng/ul
RT: 21.22 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN006948.D
Acq: 22 Jul 2019 19:24

Instrument :
BNA_N
ClientSampleId :
A52J8

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.6	15.9	23.9#
226	31.1	22.6	34.0

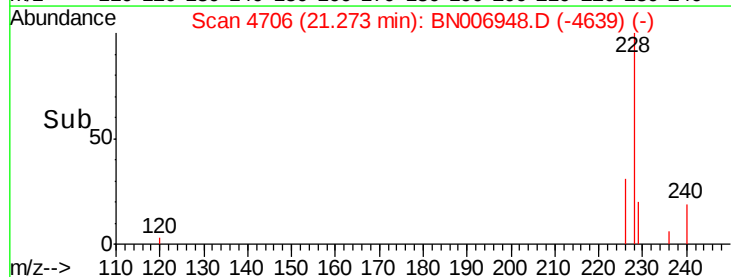
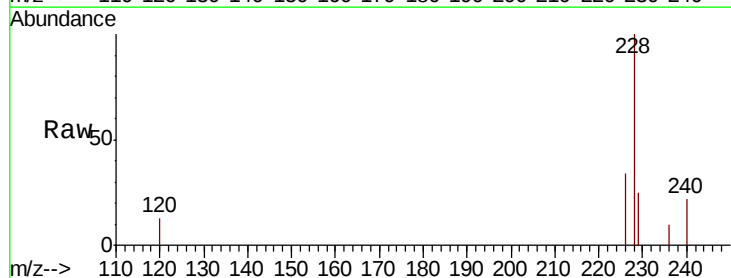
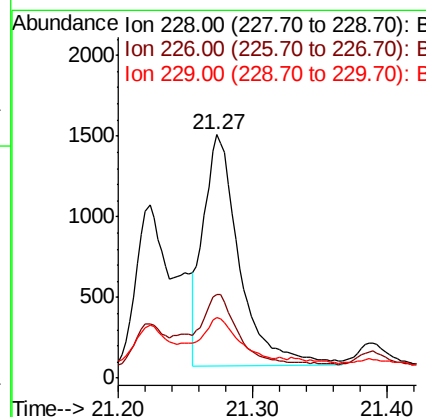
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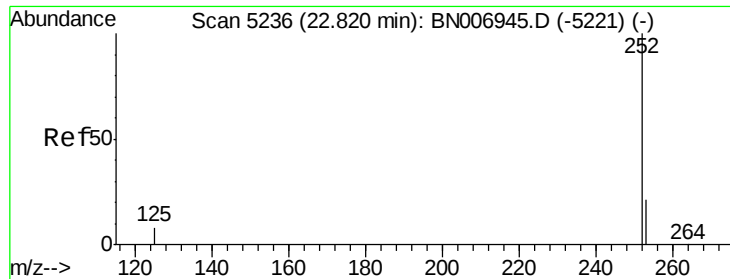
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#19
Chrysene
Concen: 0.084 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN006948.D
Acq: 22 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.2	36.4
229	24.7	15.5	23.3#





#21

Benzo(b)fluoranthene

Concen: 0.179 ng/ul m

RT: 22.80 min Scan# 5228

Delta R.T. -0.00 min

Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Instrument :

BNA_N

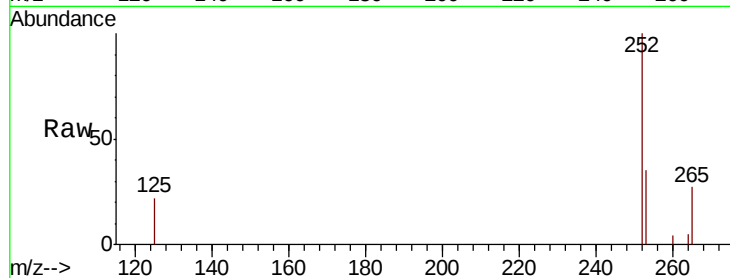
ClientSampleId :

A52J8

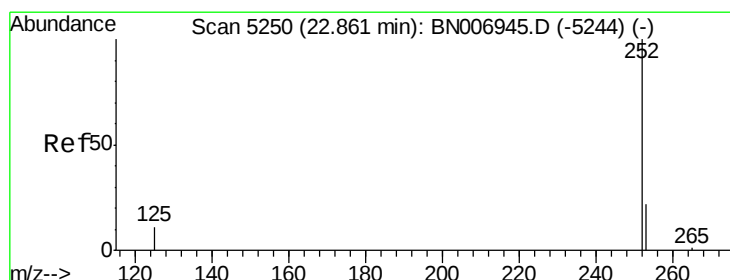
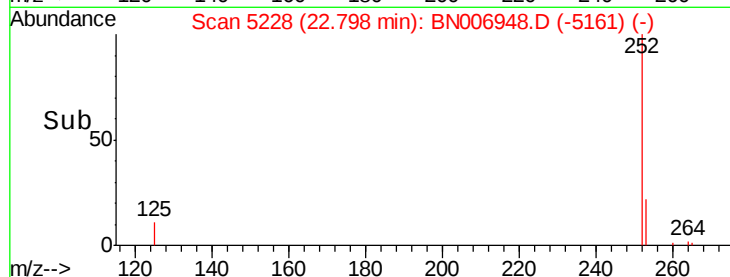
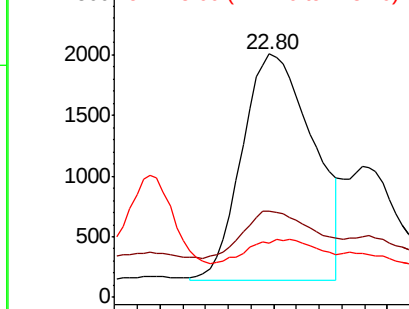
Tot Ion:	252	Resp:	4064
Ion Ratio	Lower	Upper	
252	100		
253	35.3	0.0	47.8
125	22.1	0.0	29.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.062 ng/ul m

RT: 22.84 min Scan# 5242

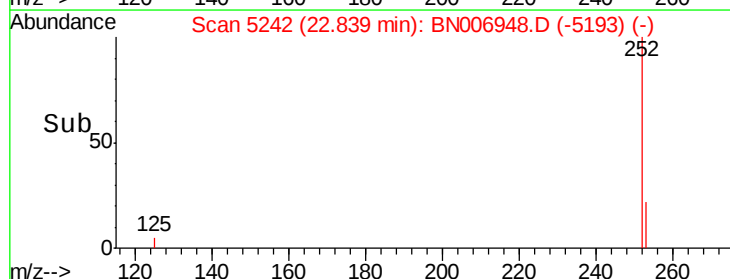
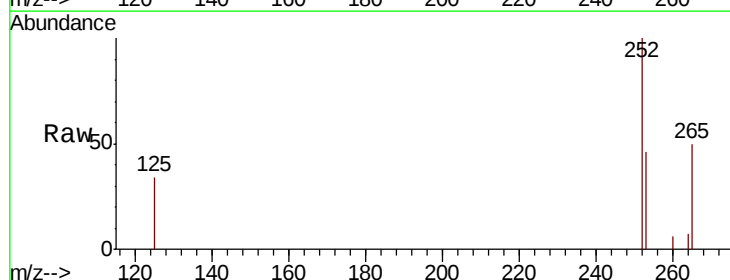
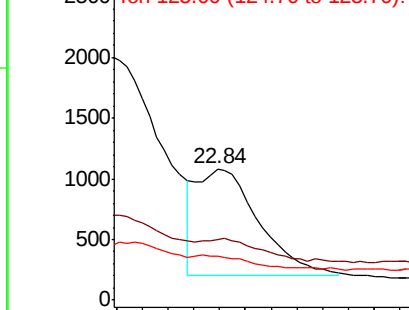
Delta R.T. -0.01 min

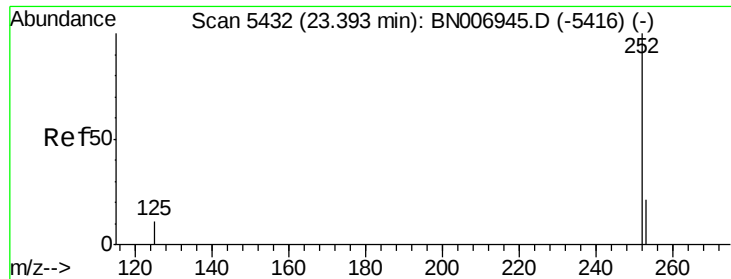
Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Tgt Ion:	252	Resp:	1474
Ion Ratio	Lower	Upper	
252	100		
253	46.5	19.2	28.8#
125	33.6	11.0	16.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.101 ng/ul m

RT: 23.34 min Scan# 5415

Delta R.T. -0.04 min

Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Instrument :

BNA_N

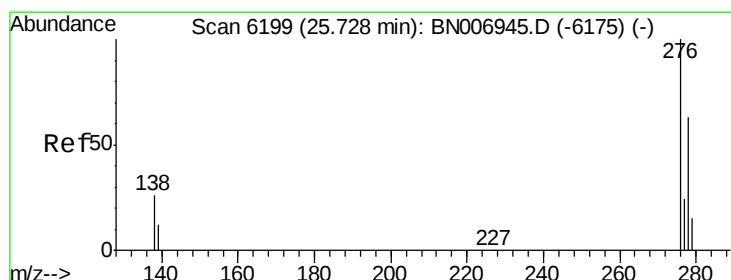
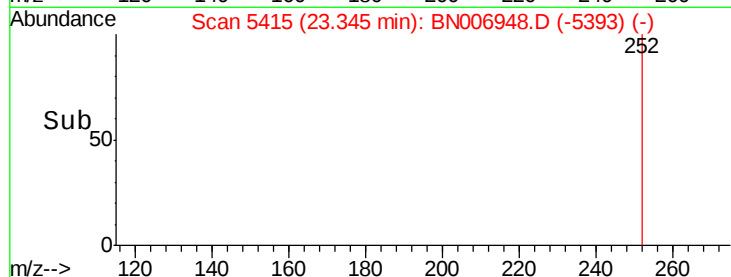
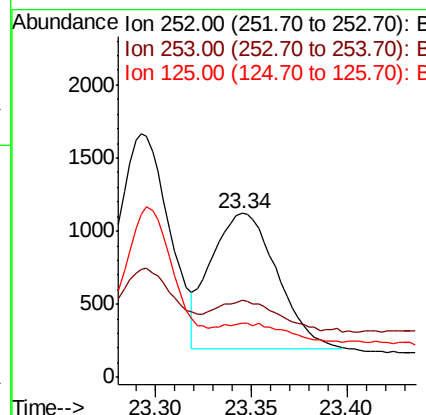
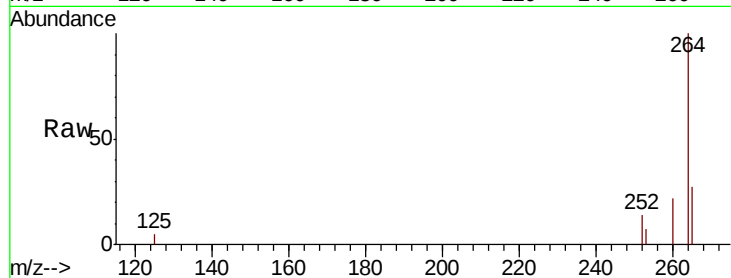
ClientSampleId :

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Tot Ion:	252	Resp:	2240
Ion Ratio	Lower	Upper	
252	100		
253	47.5	19.4	29.2#
125	33.1	12.6	19.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.089 ng/ul m

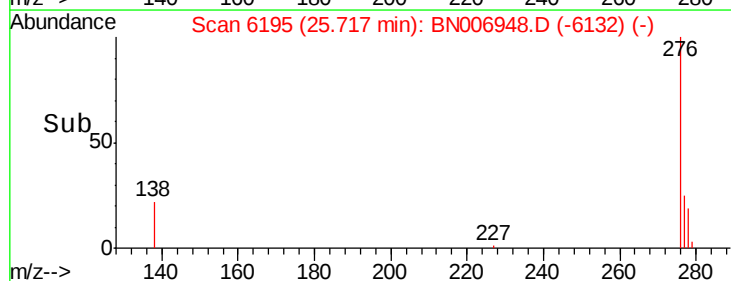
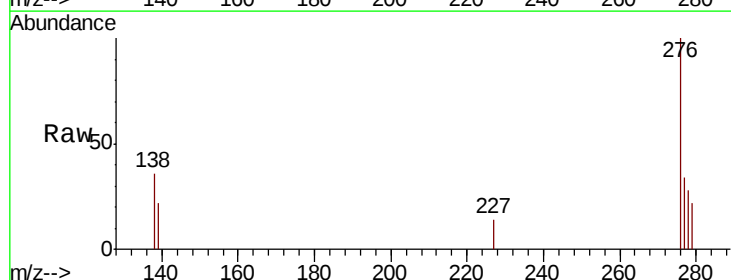
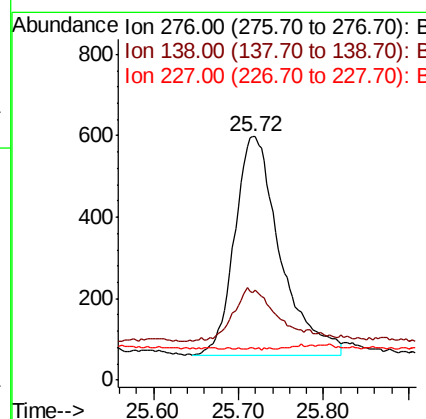
RT: 25.72 min Scan# 6195

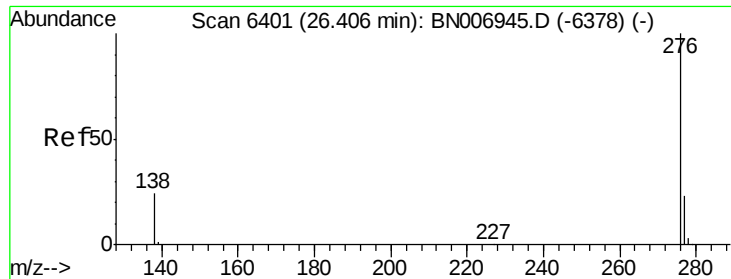
Delta R.T. 0.01 min

Lab File: BN006948.D

Acq: 22 Jul 2019 19:24

Tgt Ion:	276	Resp:	2000
Ion Ratio	Lower	Upper	
276	100		
138	0.0	24.3	36.5#
227	0.1	0.2	0.4#





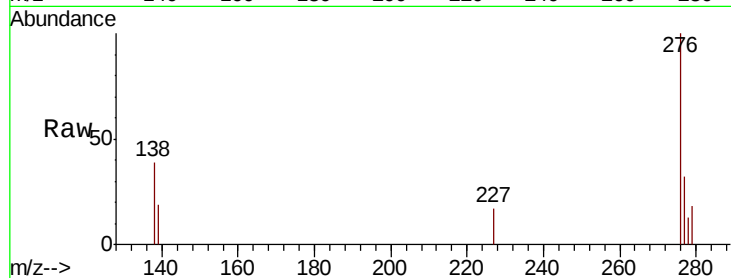
#26
 Benzo(a,h,i)perylene
 Concen: 0.115 ng/ul m
 RT: 26.39 min Scan# 6396
 Delta R.T. 0.01 min
 Lab File: BN006948.D
 Acq: 22 Jul 2019 19:24

Instrument :
 BNA_N
 ClientSampleId :
 A52J8

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.1	22.2	33.2#
277	31.9	19.5	29.3#

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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

