

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006384.D
 Acq On : 18 Jun 2019 19:34
 Operator : JU/SJ
 Sample : K3335-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4224

Manual Integrations
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mohammad
 6/21/2019 8:39:20 AM

Quant Time: Jun 19 01:58:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4024	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15217	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7783	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14862m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11316m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	10620m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5521	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11348m	0.28	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1771	0.041	ng/ul#	89
12) Phenanthrene	17.09	178	14413	0.302	ng/ul	98
13) Anthracene	17.18	178	3487m	0.077	ng/ul	
15) Fluoranthene	19.11	202	37819m	0.718	ng/ul	
17) Pyrene	19.48	202	33643m	0.564	ng/ul	
18) Benzo(a)anthracene	21.25	228	14937	0.298	ng/ul	98
19) Chrysene	21.30	228	14865	0.316	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	20843m	0.471	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	7531m	0.175	ng/ul	
23) Benzo(a)pyrene	23.40	252	13828m	0.335	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	9710m	0.218	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	2011m	0.056	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	8224m	0.220	ng/ul	

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

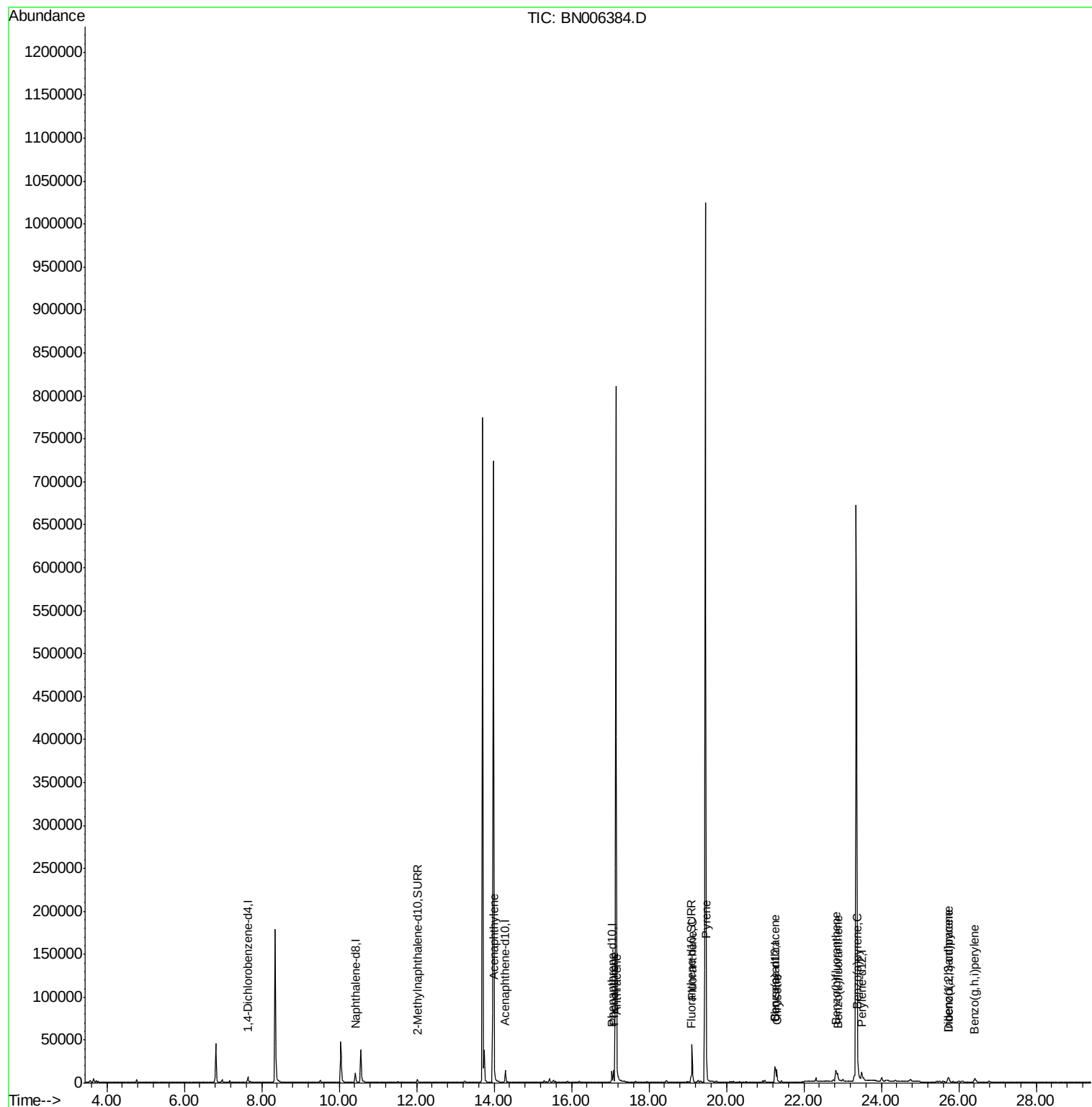
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006384.D
Acq On : 18 Jun 2019 19:34
Operator : JU/SJ
Sample : K3335-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

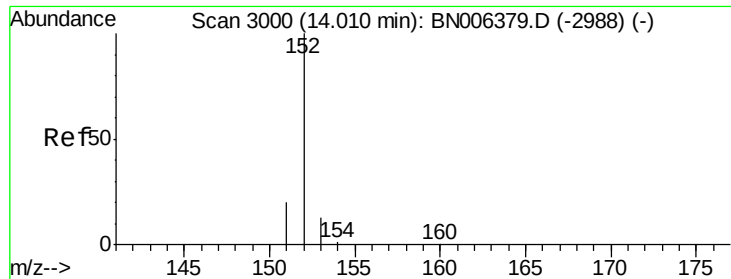
Instrument :
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QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Instrument :

BNA_N

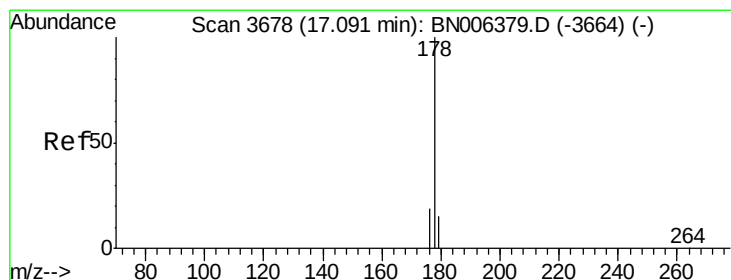
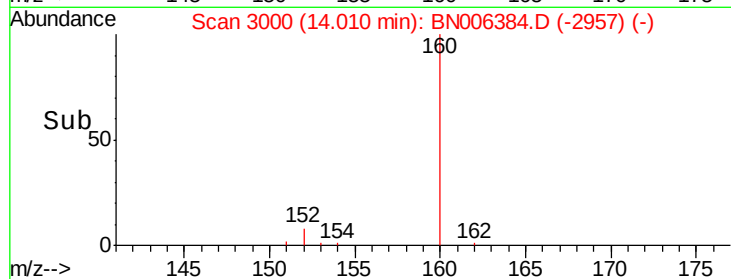
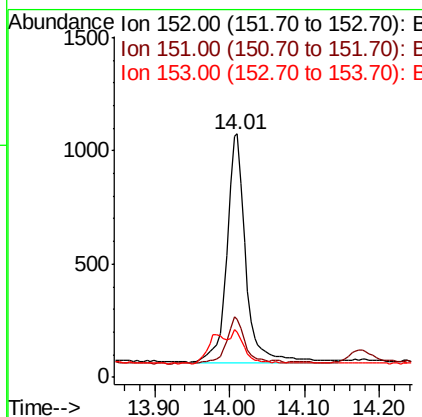
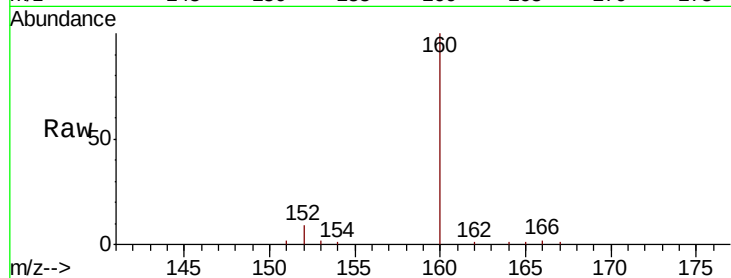
ClientSampleId :

A4224

Tot Ion:	152	Resp:	1771
Ion Ratio	Lower	Upper	
152	100		
151	23.9	15.8	23.8#
153	18.8	10.8	16.2#

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#12

Phenanthrene

Concen: 0.302 ng/ul

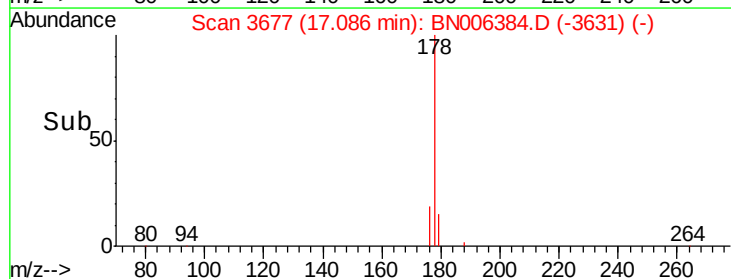
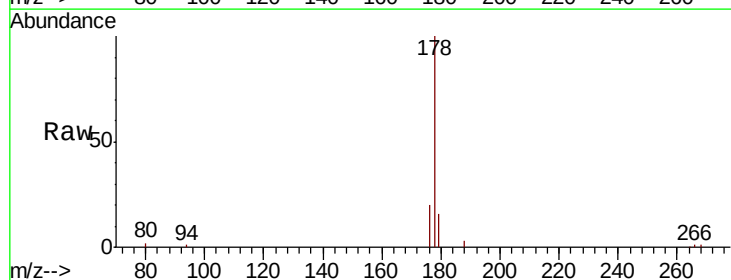
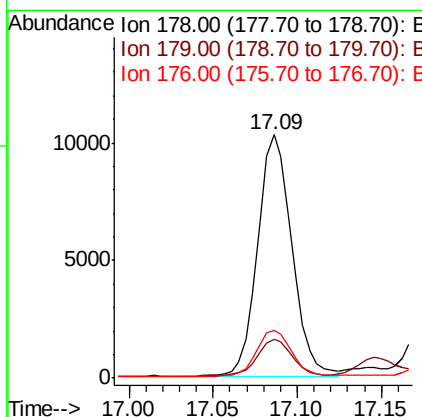
RT: 17.09 min Scan# 3677

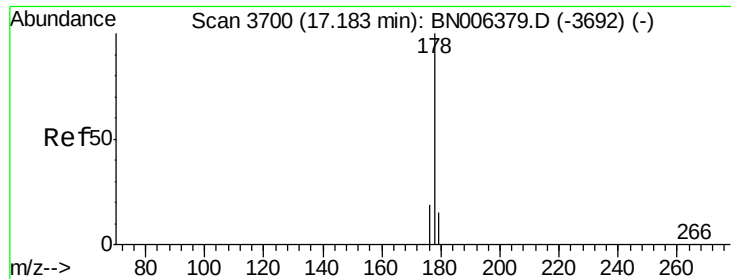
Delta R.T. -0.00 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Tgt Ion:	178	Resp:	14413
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	19.9	15.3	22.9





#13

Anthracene

Concen: 0.077 ng/ul m

RT: 17.18 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Instrument :

BNA_N

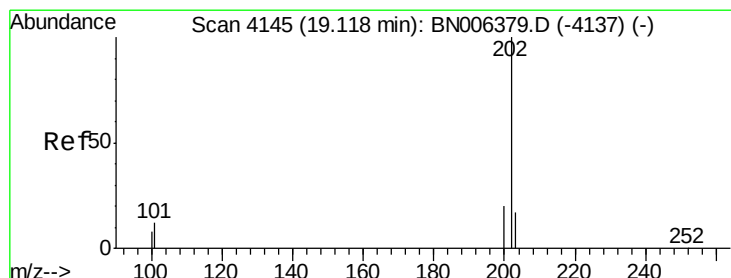
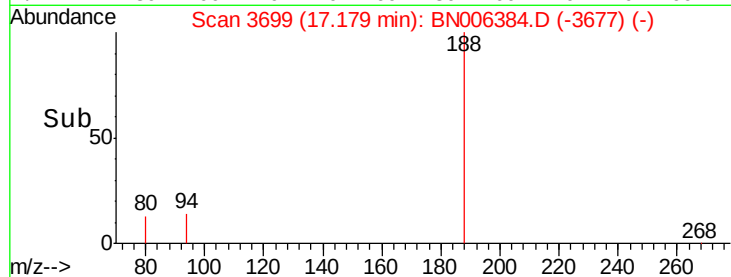
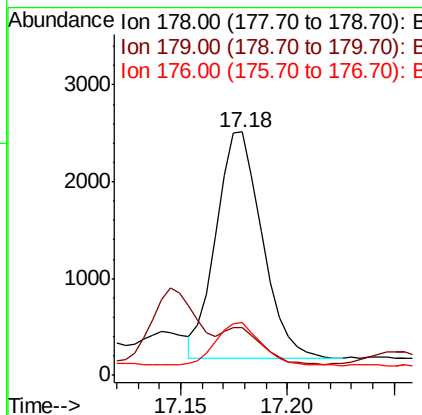
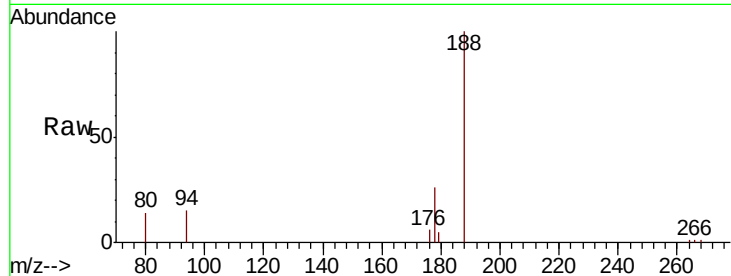
ClientSampleId :

A4224

Tot Ion:	178	Resp:	3487
Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.2	18.4#
176	21.8	15.1	22.7

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#15

Fluoranthene

Concen: 0.718 ng/ul m

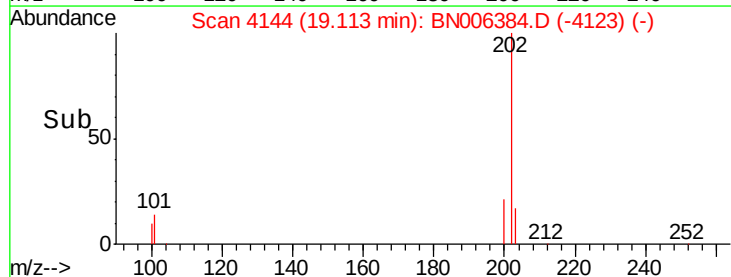
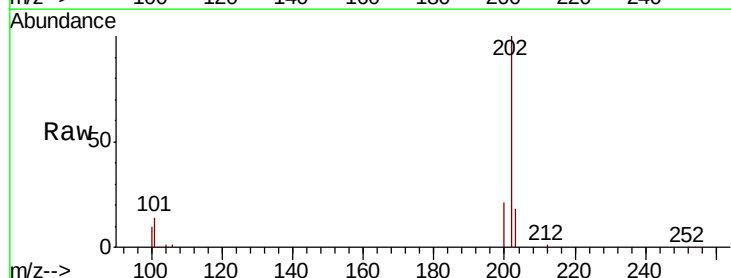
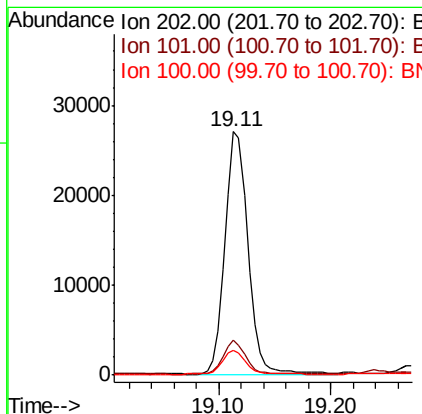
RT: 19.11 min Scan# 4144

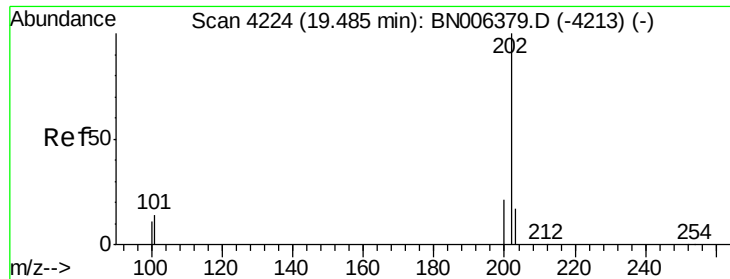
Delta R.T. -0.00 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Tgt Ion:	202	Resp:	37819
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	32.1
100	10.2	0.0	28.7





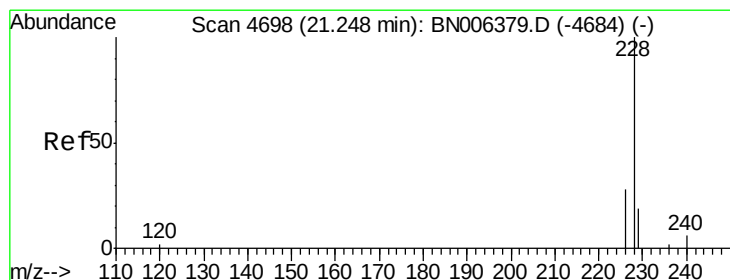
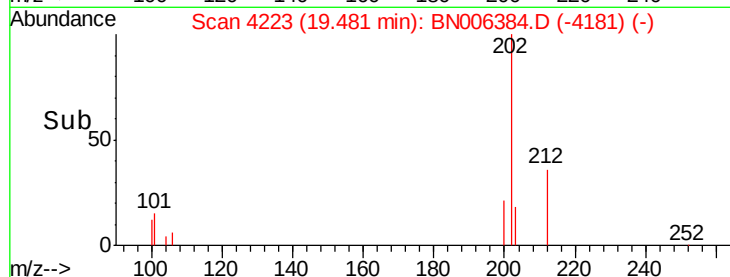
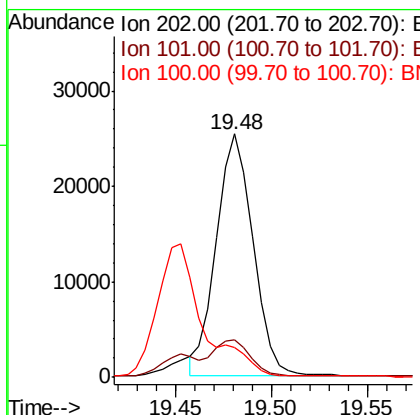
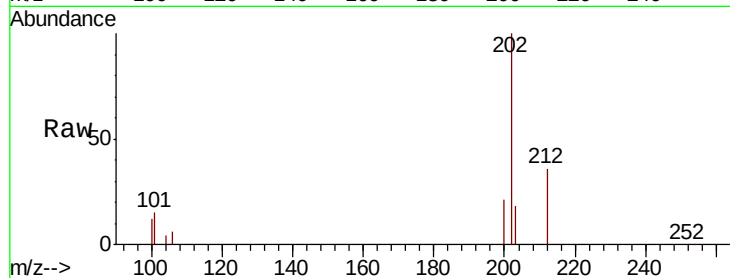
#17
 Pyrene
 Concen: 0.564 ng/ul m
 RT: 19.48 min Scan# 4223
 Delta R.T. -0.00 min
 Lab File: BN006384.D
 Acq: 18 Jun 2019 19:34

Instrument :
 BNA_N
 ClientSampleId :
 A4224

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.2
100	12.5	9.8	14.6

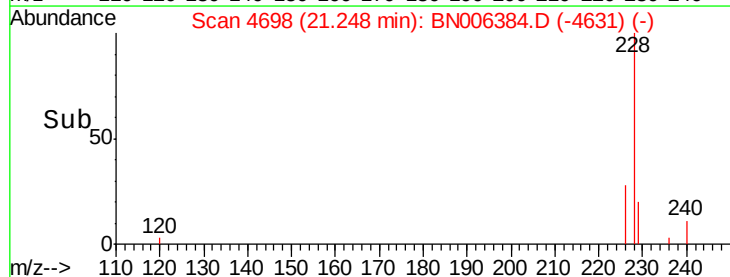
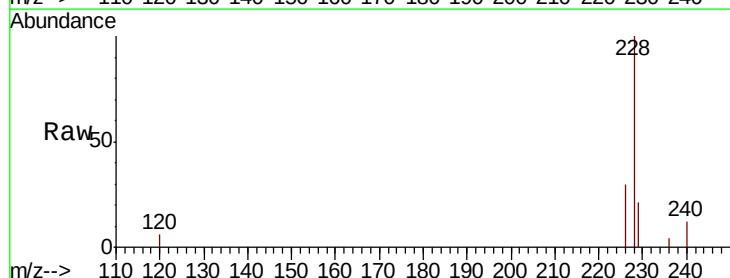
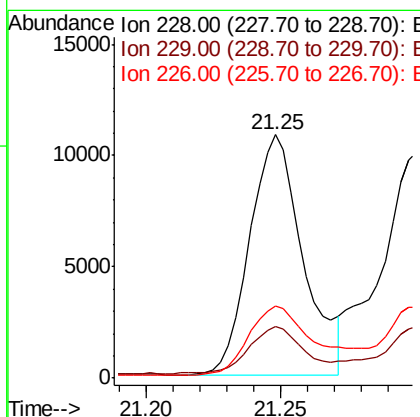
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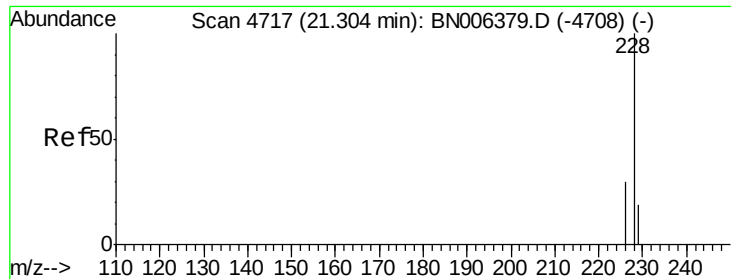
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#18
 Benzo(a)anthracene
 Concen: 0.298 ng/ul
 RT: 21.25 min Scan# 4698
 Delta R.T. -0.01 min
 Lab File: BN006384.D
 Acq: 18 Jun 2019 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.5	24.7
226	29.7	22.8	34.2





#19

Chrysene

Concen: 0.316 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.01 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Instrument :

BNA_N

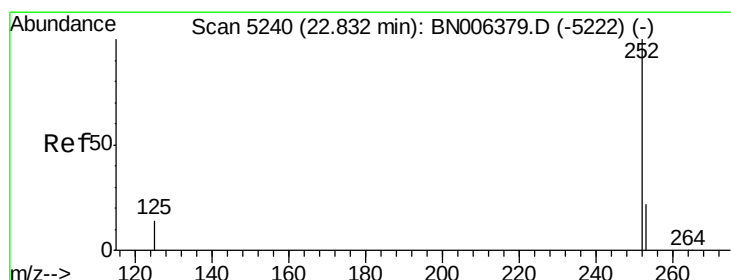
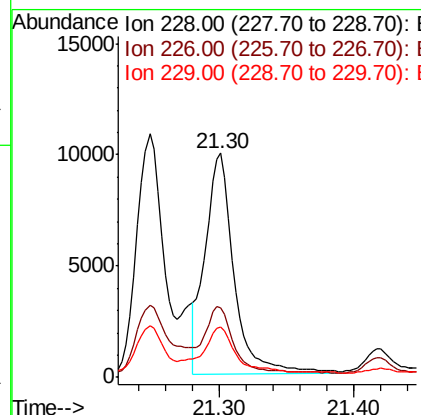
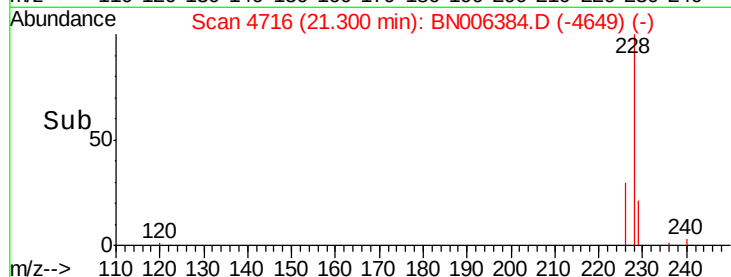
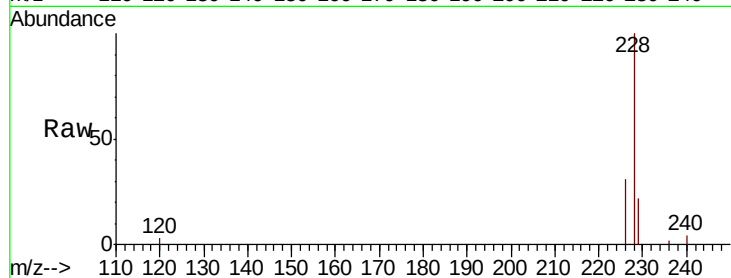
ClientSampleId :

A4224

Tot Ion:	228	Resp:	14865
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	22.5	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.471 ng/ul m

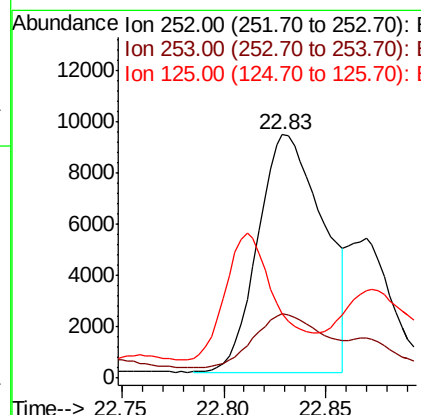
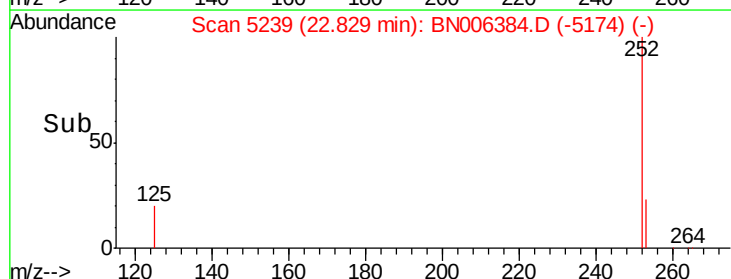
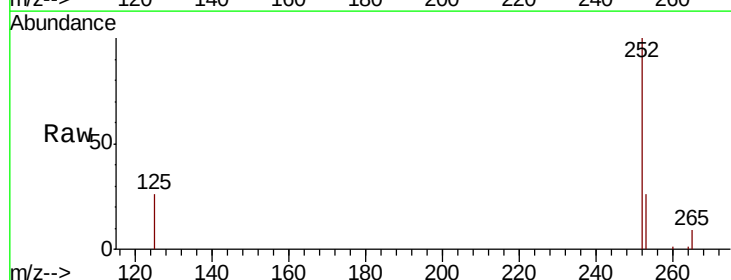
RT: 22.83 min Scan# 5239

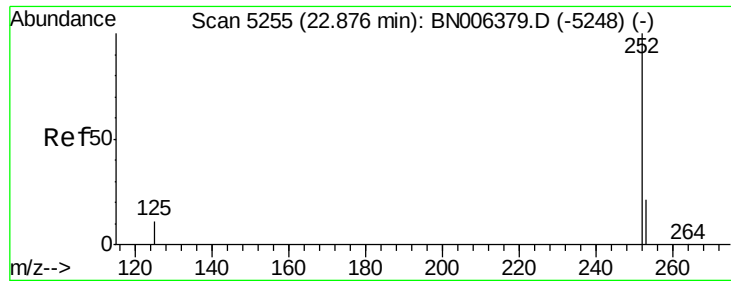
Delta R.T. -0.01 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Tgt Ion:	252	Resp:	20843
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	51.4
125	26.3	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.175 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. -0.01 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Instrument :

BNA_N

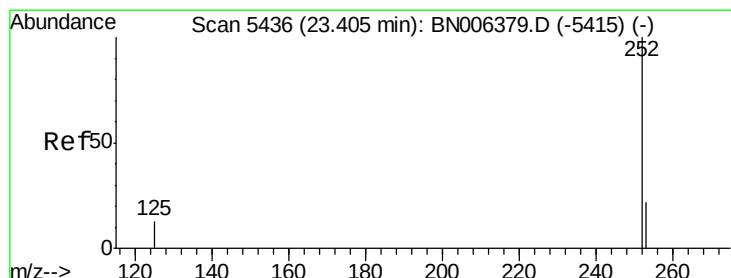
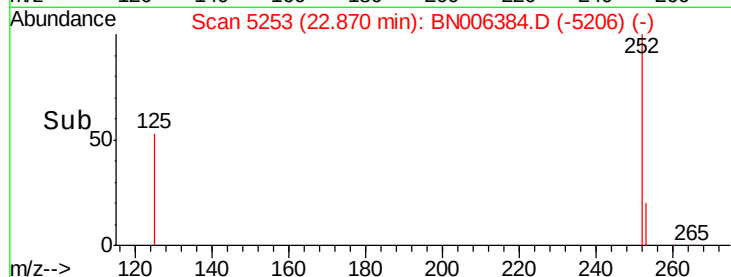
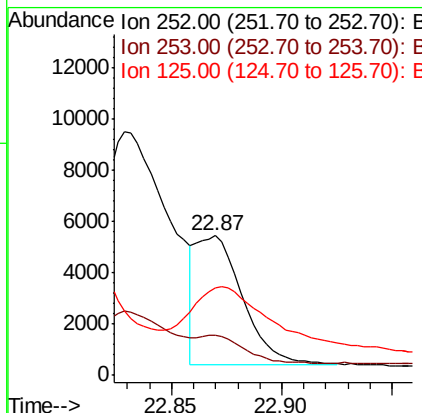
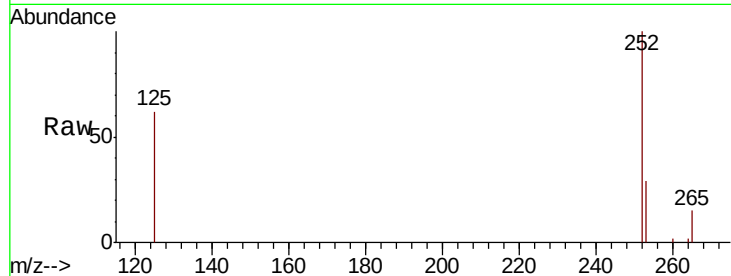
ClientSampleId :

A4224

Tot Ion:	252	Resp:	7531
Ion Ratio	Lower	Upper	
252	100		
253	28.9	20.3	30.5
125	62.5	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.335 ng/ul m

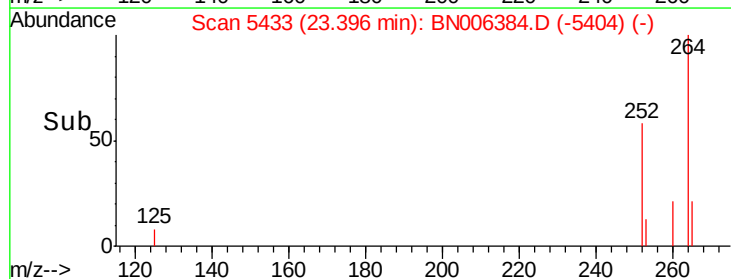
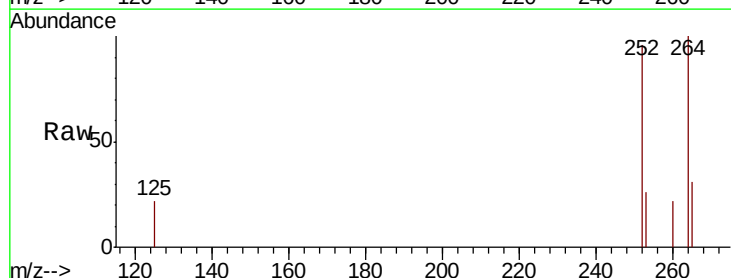
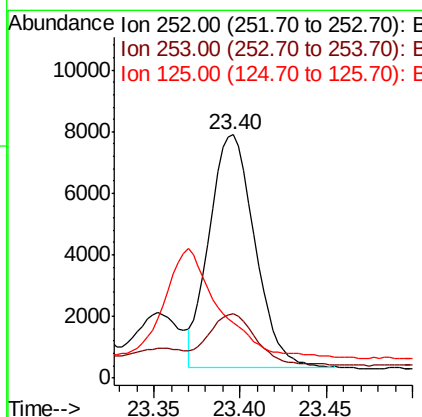
RT: 23.40 min Scan# 5433

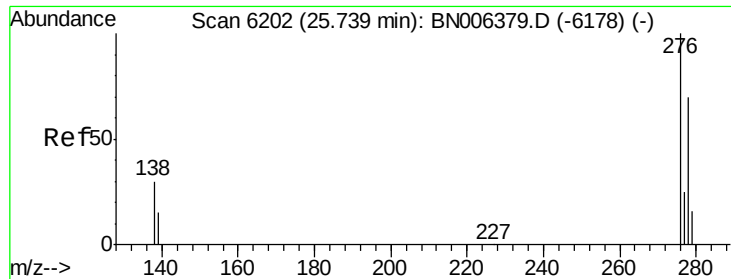
Delta R.T. -0.01 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Tgt Ion:	252	Resp:	13828
Ion Ratio	Lower	Upper	
252	100		
253	26.7	21.1	31.7
125	22.7	20.3	30.5





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.218 ng/ul m

RT: 25.73 min Scan# 6199

Delta R.T. -0.02 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Instrument :

BNA_N

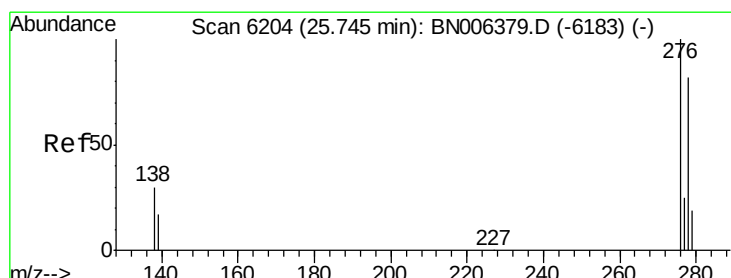
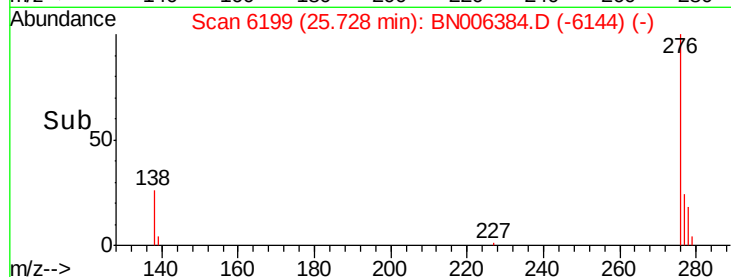
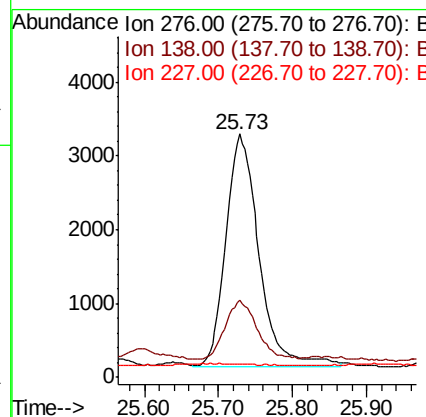
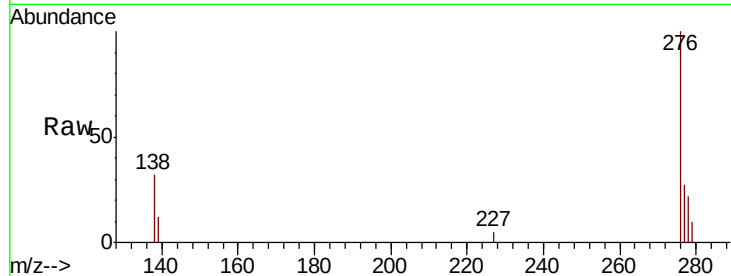
ClientSampleId :

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Tot Ion:	276	Resp:	9710
Ion Ratio	Lower	Upper	
276	100		
138	1.8	25.6	38.4#
227	0.1	0.3	0.5#

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#25

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul m

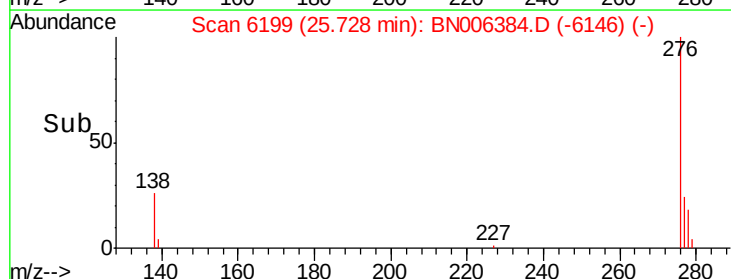
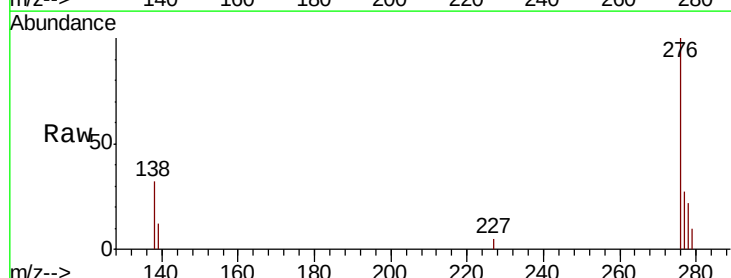
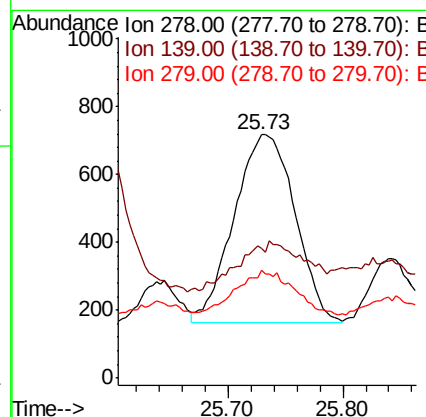
RT: 25.73 min Scan# 6199

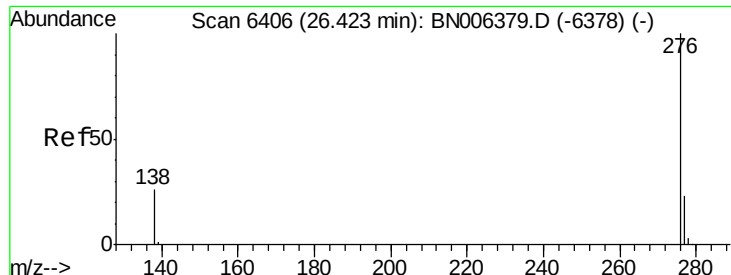
Delta R.T. -0.02 min

Lab File: BN006384.D

Acq: 18 Jun 2019 19:34

Tgt Ion:	278	Resp:	2011
Ion Ratio	Lower	Upper	
278	100		
139	53.5	21.2	31.8#
279	44.2	22.6	33.8#





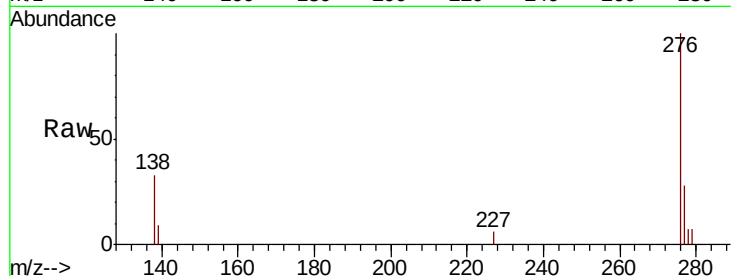
#26
 Benzo(a,h,i)perylene
 Concen: 0.220 ng/ul m
 RT: 26.41 min Scan# 6403
 Delta R.T. -0.02 min
 Lab File: BN006384.D
 Acq: 18 Jun 2019 19:34

Instrument :
 BNA_N
 ClientSampleId :
 A4224

Tot Ion:	276	Resp:	8224
Ion Ratio	Lower	Upper	
276	100		
138	33.1	24.2	36.4
277	27.6	21.5	32.3

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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

