

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
 Data File : BN003428.D
 Acq On : 05 Nov 2018 14:16
 Operator : MJ/SJ
 Sample : J5704-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40K2

Manual Integrations
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Sohil
 11/6/2018 1:23:50 PM

Quant Time: Nov 05 15:18:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:38:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10631	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	44507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25969	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	57115m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	41784m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	34561m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	21794	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	48436m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	5755	0.046	ng/ul#	94
5) 2-Methylnaphthalene	12.31	142	3191	0.036	ng/ul	99
7) Acenaphthylene	14.21	152	45335	0.402	ng/ul	99
8) Acenaphthene	14.55	153	3924	0.039	ng/ul	99
9) Fluorene	15.54	166	15629	0.132	ng/ul	99
12) Phenanthrene	17.27	178	337315m	1.801	ng/ul	
13) Anthracene	17.36	178	56634m	0.371	ng/ul	
15) Fluoranthene	19.29	202	902565m	4.287	ng/ul	
17) Pyrene	19.65	202	721761	4.749	ng/ul	100
18) Benzo(a)anthracene	21.39	228	336152m	2.566	ng/ul	
19) Chrysene	21.45	228	389197m	2.614	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	483038m	3.244	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	171788m	1.191	ng/ul	
23) Benzo(a)pyrene	23.62	252	302272m	2.431	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	228325m	1.715	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	57369m	0.529	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	166463m	1.458	ng/ul	

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

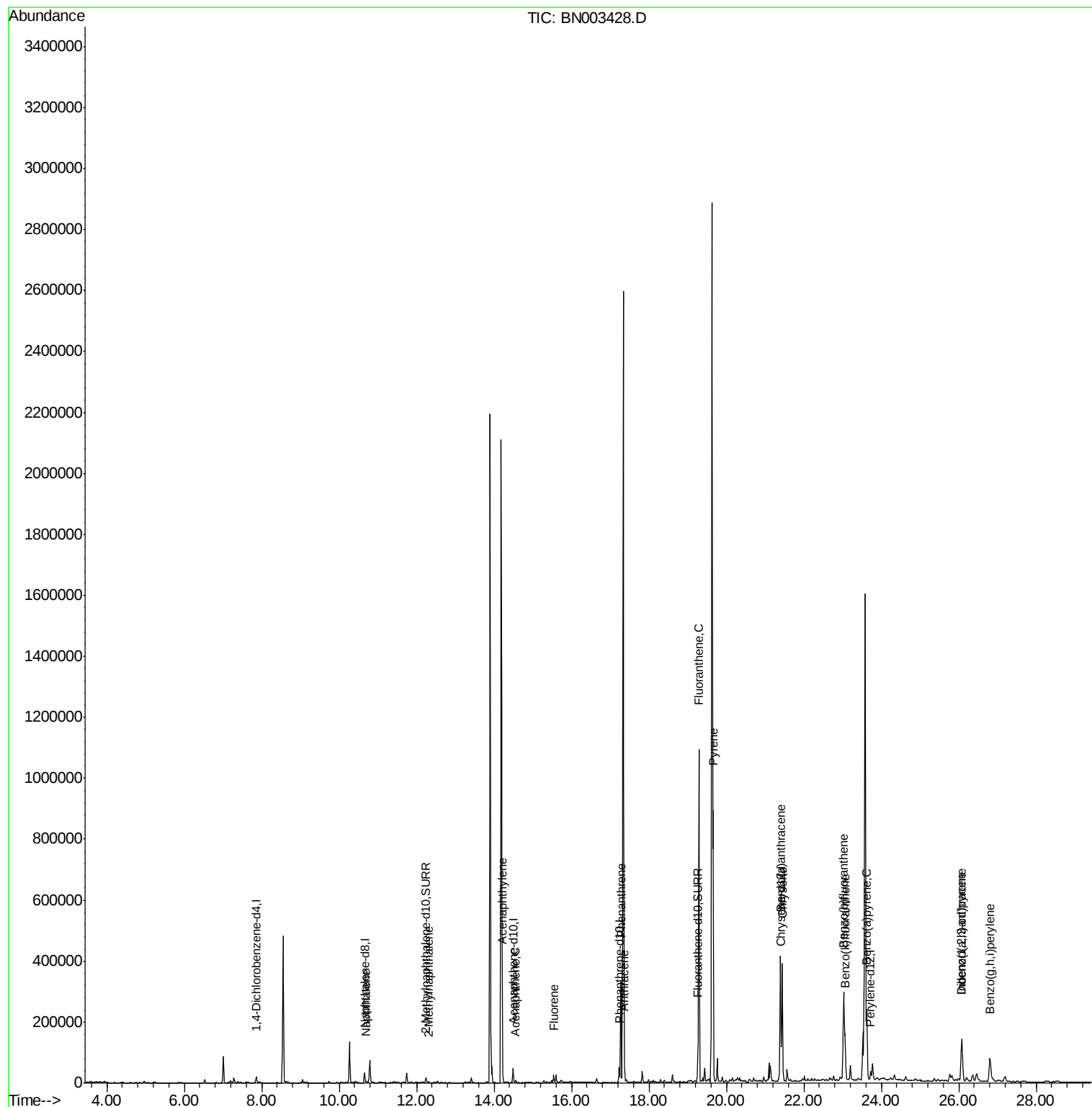
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
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ALS Vial : 8 Sample Multiplier: 1

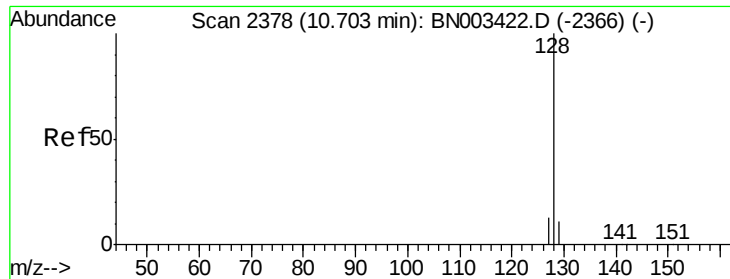
Instrument :
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A40K2

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Quant Time: Nov 05 15:18:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Instrument :

BNA_N

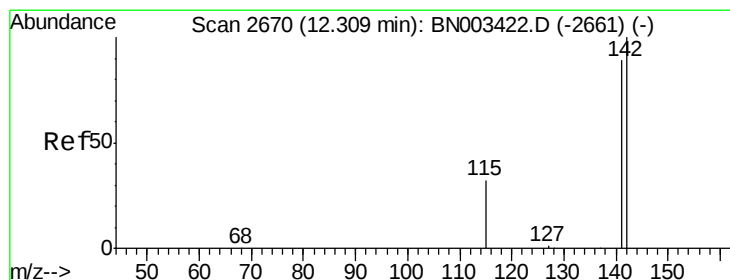
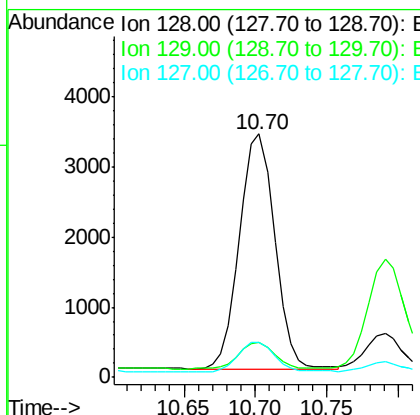
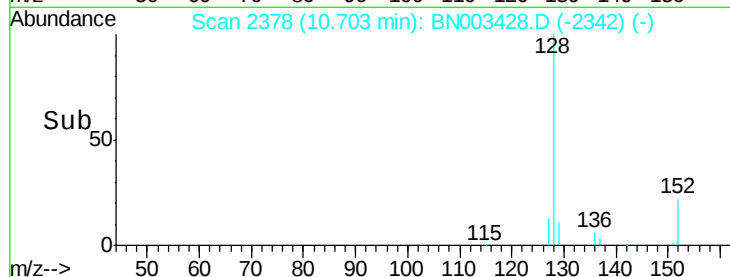
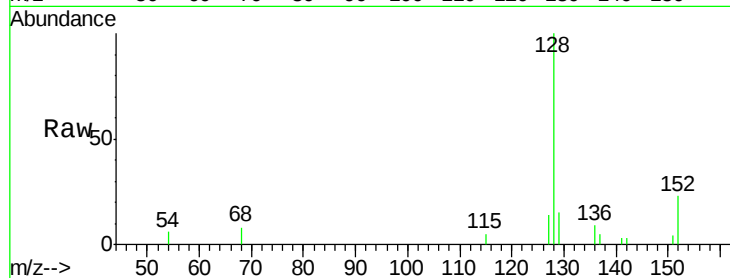
ClientSampleId :

A40K2

Tgt Ion:	128	Resp:	5755
Ion Ratio	Lower	Upper	
128	100		
129	14.5	9.0	13.6#
127	14.5	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

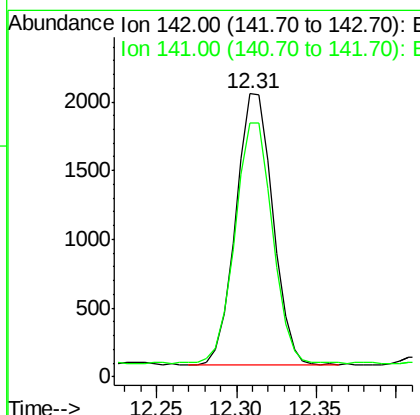
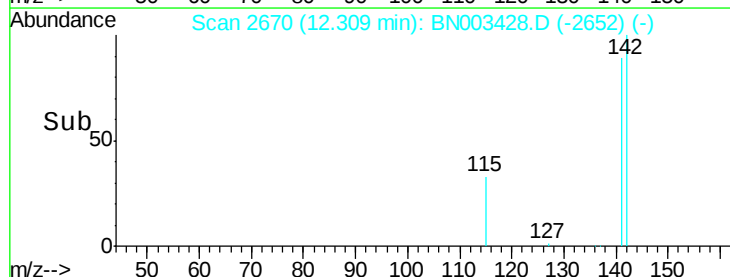
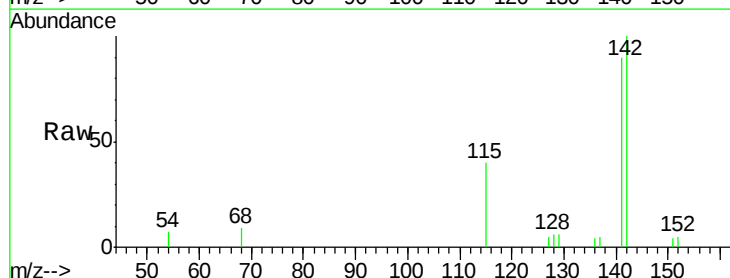
RT: 12.31 min Scan# 2670

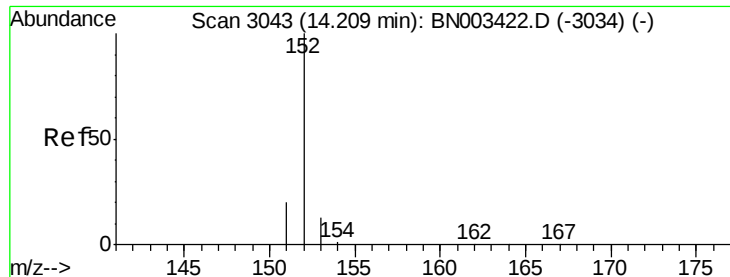
Delta R.T. -0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Tgt Ion:	142	Resp:	3191
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.2	106.8





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Instrument :

BNA_N

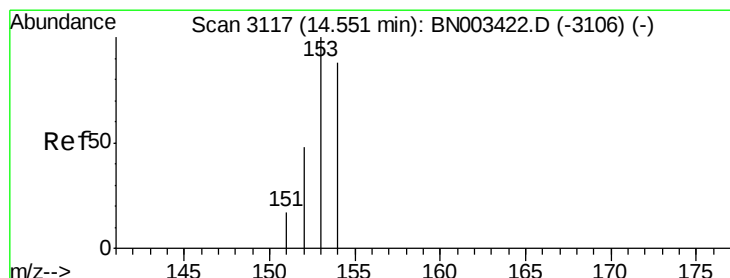
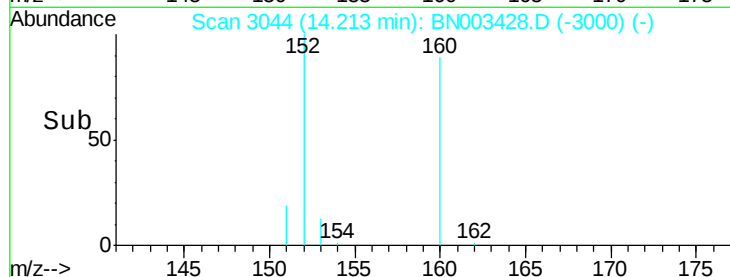
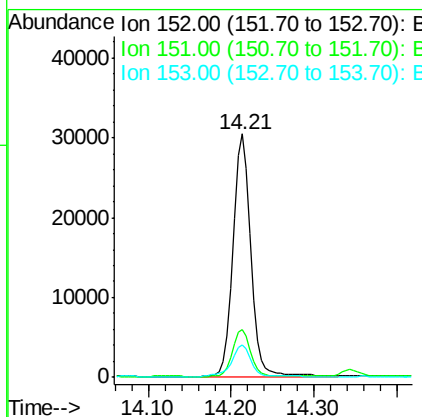
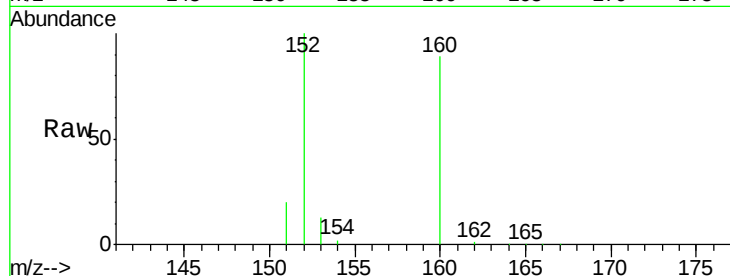
ClientSampleId :

A40K2

Tgt Ion:	152	Resp:	45335
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.6	23.4
153	13.5	10.4	15.6

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#8

Acenaphthene

Concen: 0.039 ng/ul

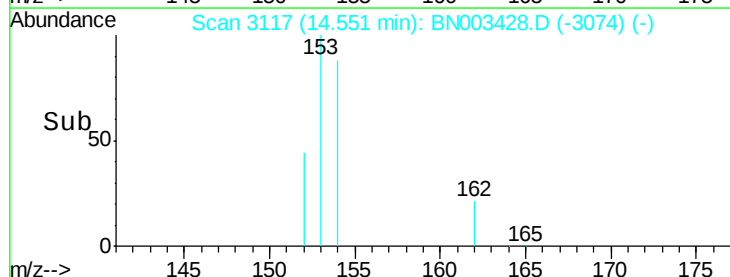
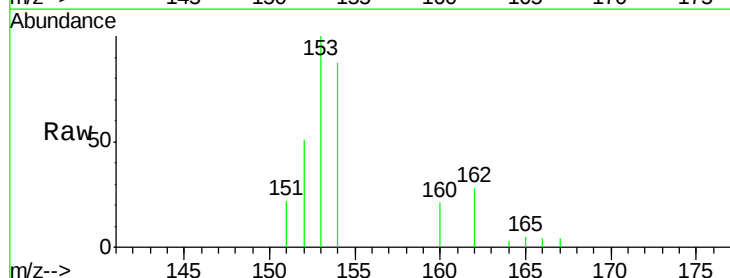
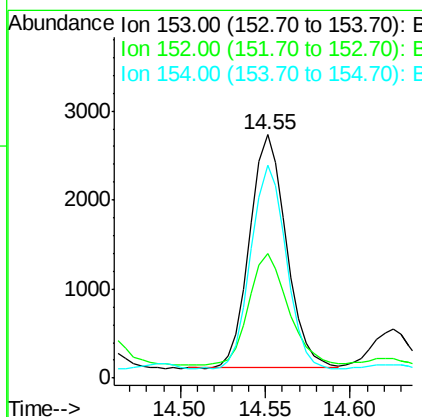
RT: 14.55 min Scan# 3117

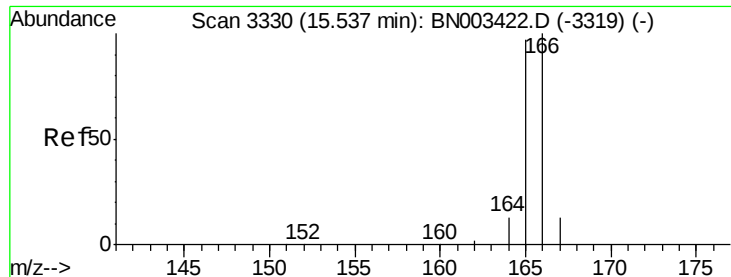
Delta R.T. -0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Tgt Ion:	153	Resp:	3924
Ion Ratio	Lower	Upper	
153	100		
152	51.4	39.5	59.3
154	87.4	70.3	105.5





#9

Fluorene

Concen: 0.132 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Instrument :

BNA_N

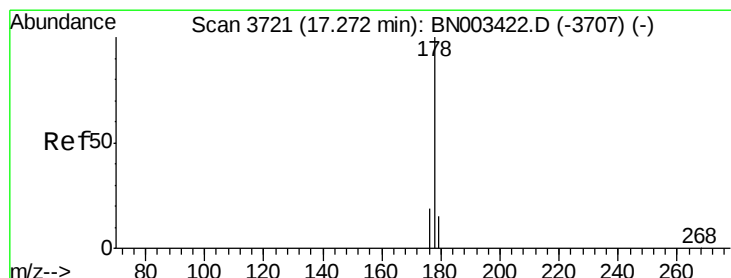
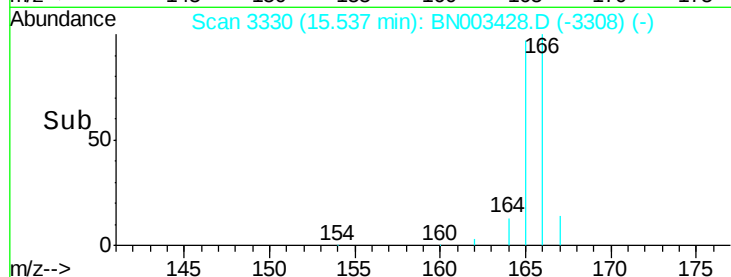
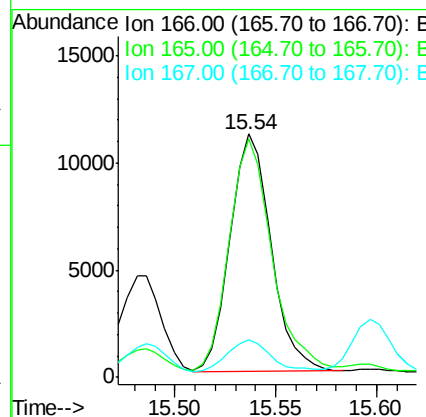
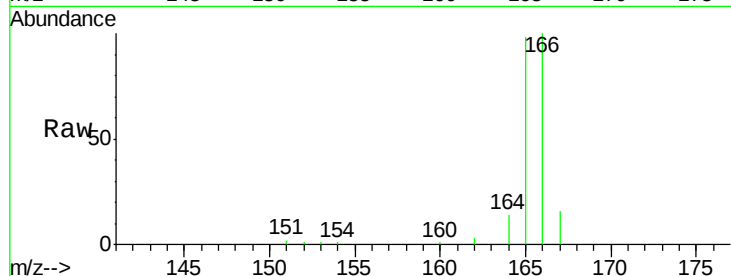
ClientSampled :

A40K2

Tgt Ion:	166	Resp:	15629
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.3	117.5
167	15.6	10.8	16.2

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#12

Phenanthrene

Concen: 1.801 ng/ul m

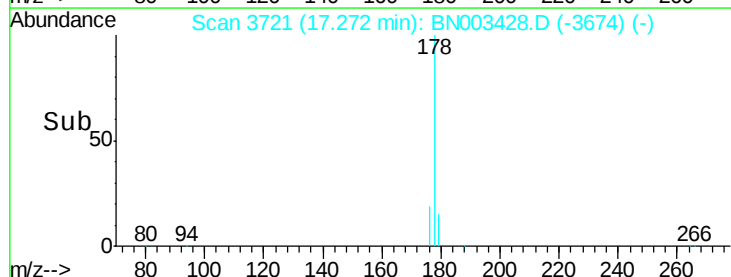
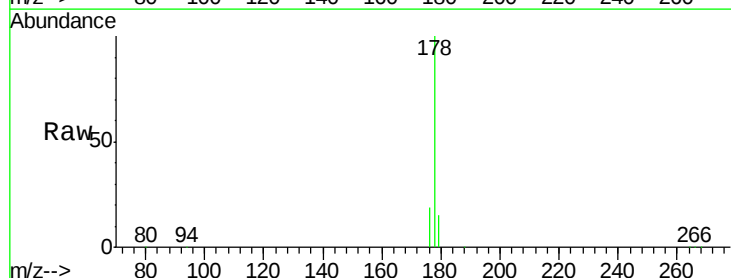
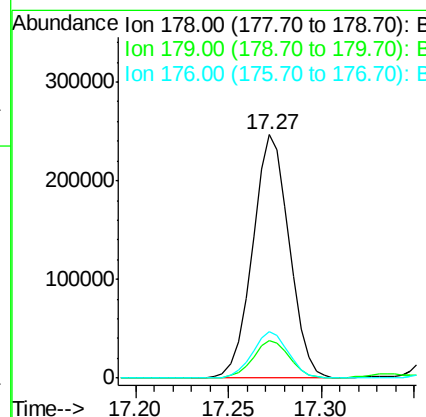
RT: 17.27 min Scan# 3721

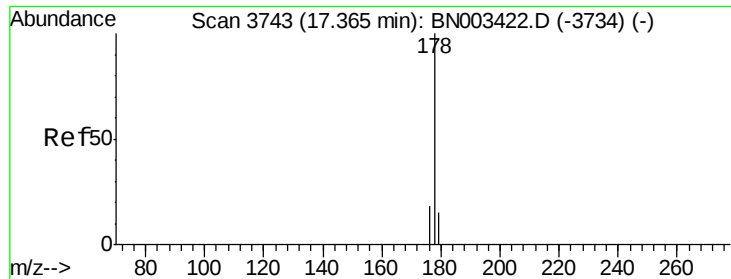
Delta R.T. -0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Tgt Ion:	178	Resp:	337315
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	19.0	15.0	22.4





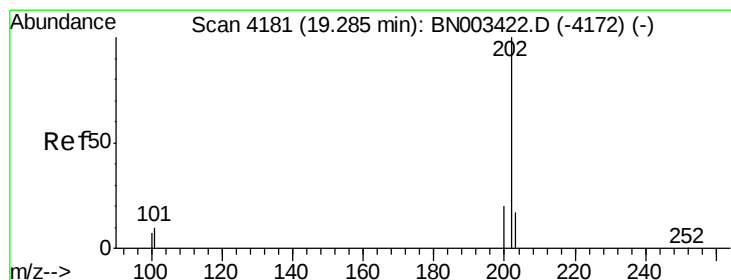
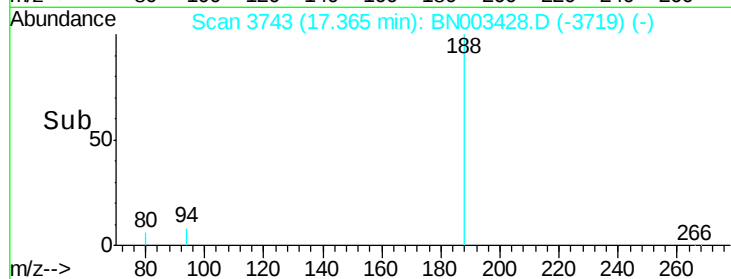
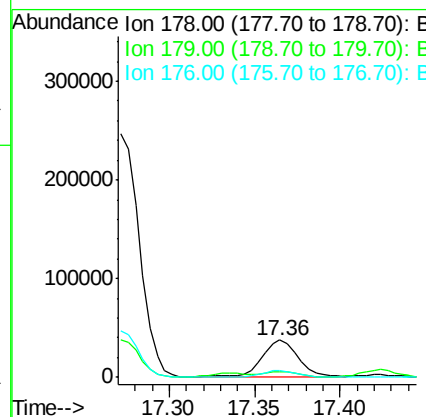
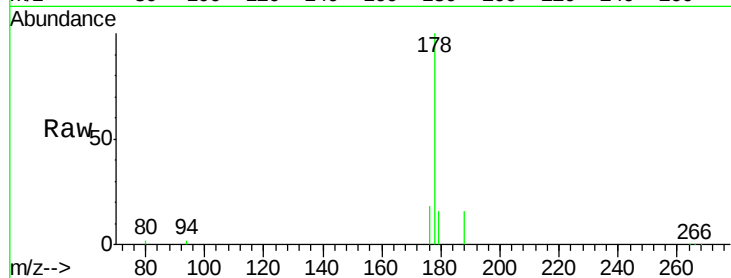
#13
 Anthracene
 Concen: 0.371 ng/ul m
 RT: 17.36 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BN003428.D
 Acq: 05 Nov 2018 14:16

Instrument :
 BNA_N
 ClientSampleId :
 A40K2

Tgt Ion:178 Resp: 56634
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.2
 176 18.4 14.7 22.1

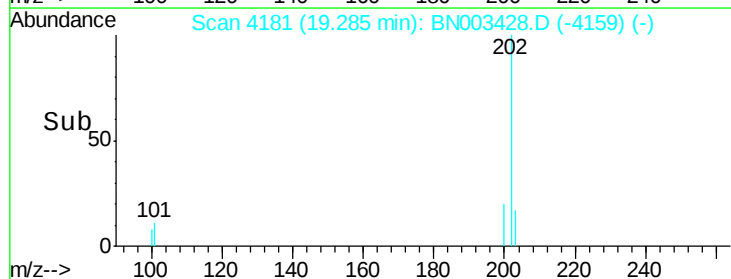
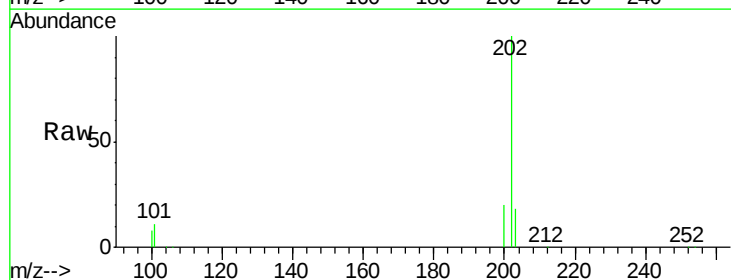
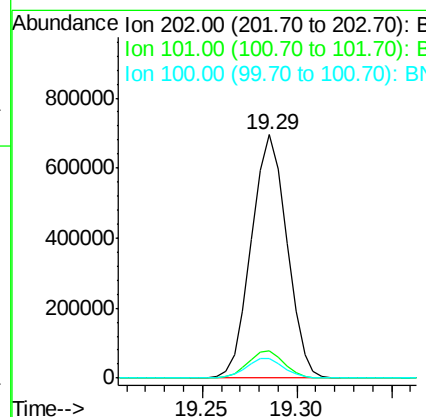
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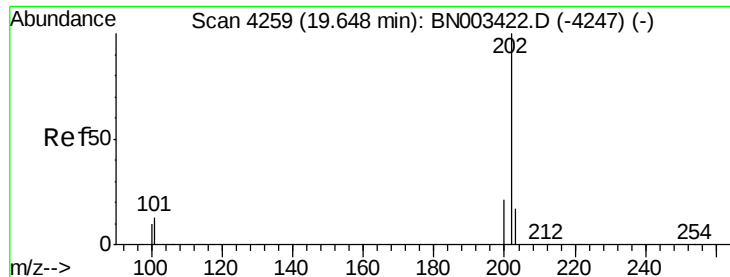
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#15
 Fluoranthene
 Concen: 4.287 ng/ul m
 RT: 19.29 min Scan# 4181
 Delta R.T. -0.00 min
 Lab File: BN003428.D
 Acq: 05 Nov 2018 14:16

Tgt Ion:202 Resp: 902565
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.7
 100 8.1 0.0 28.0





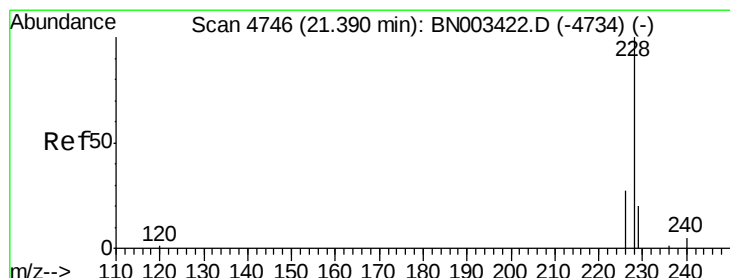
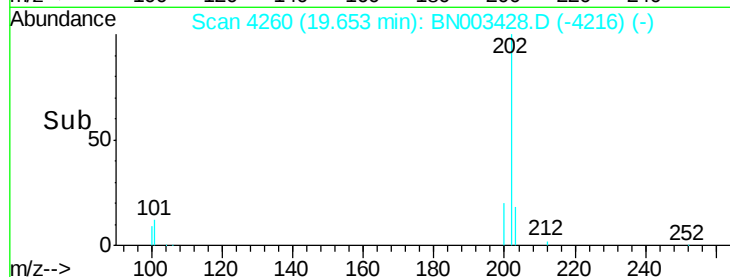
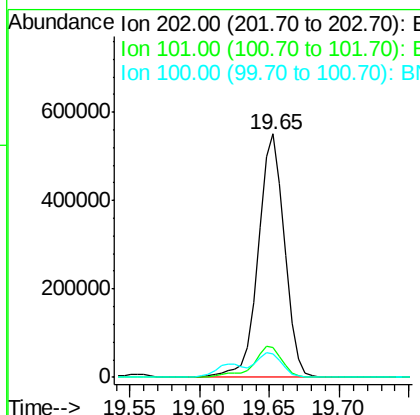
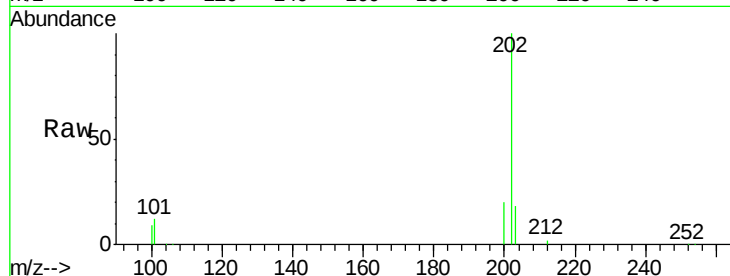
#17
 Pyrene
 Concen: 4.749 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: BN003428.D
 Acq: 05 Nov 2018 14:16

Instrument :
 BNA_N
 ClientSampleId :
 A40K2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	9.5	14.3
100	9.4	7.5	11.3

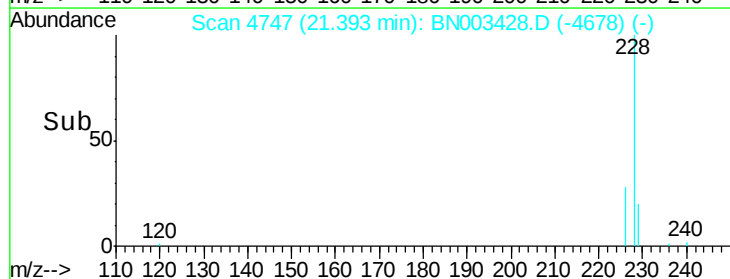
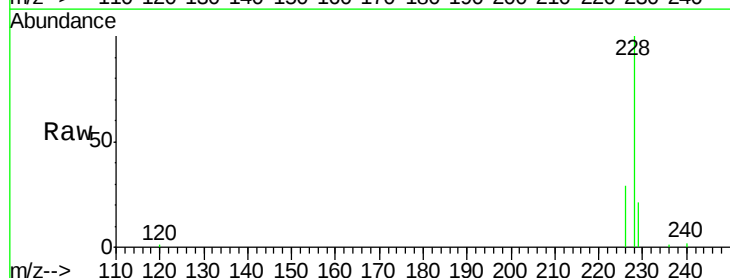
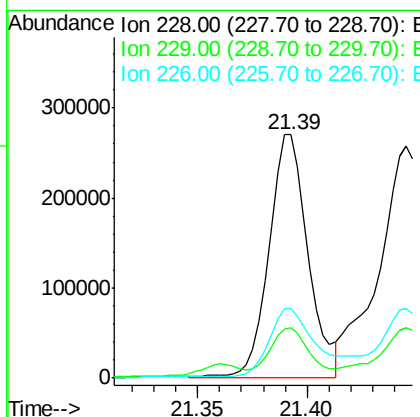
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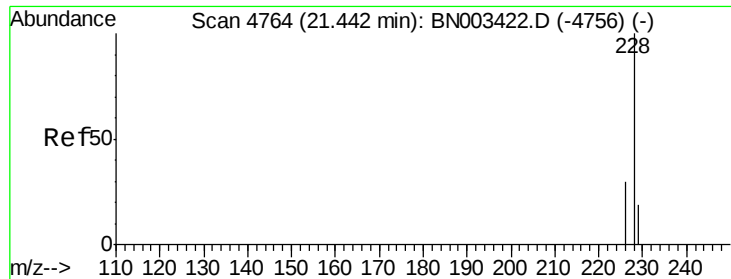
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#18
 Benzo(a)anthracene
 Concen: 2.566 ng/ul m
 RT: 21.39 min Scan# 4747
 Delta R.T. 0.00 min
 Lab File: BN003428.D
 Acq: 05 Nov 2018 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	15.5	23.3
226	28.6	21.5	32.3





#19

Chrysene

Concen: 2.614 ng/ul m

RT: 21.45 min Scan# 4765

Delta R.T. 0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Instrument :

BNA_N

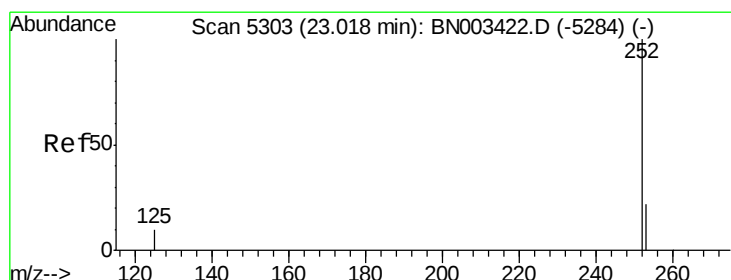
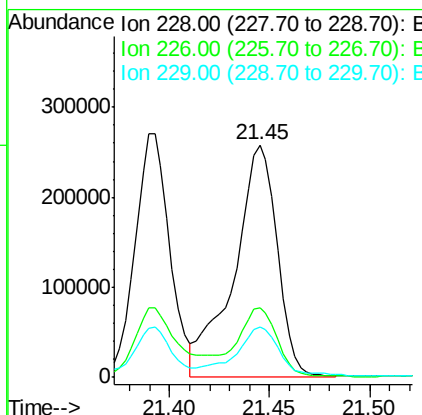
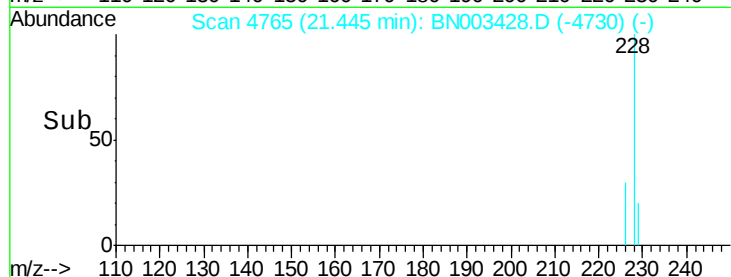
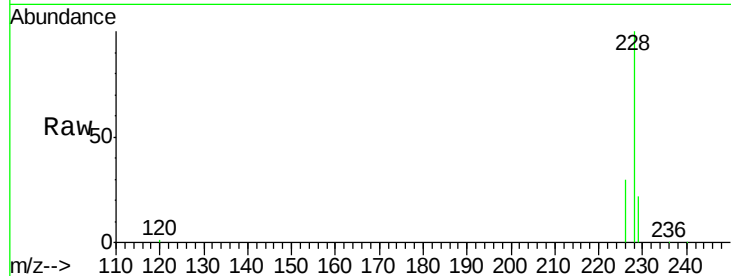
ClientSampleId :

A40K2

Tgt Ion:	228	Resp:	389197
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	21.6	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 3.244 ng/ul m

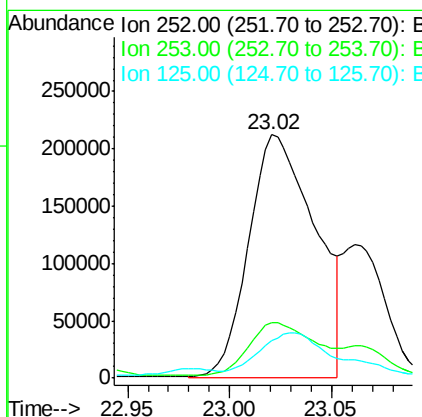
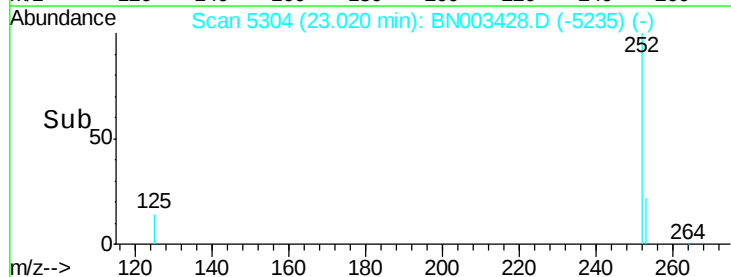
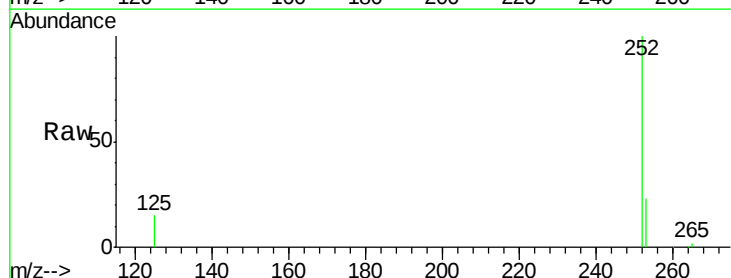
RT: 23.02 min Scan# 5304

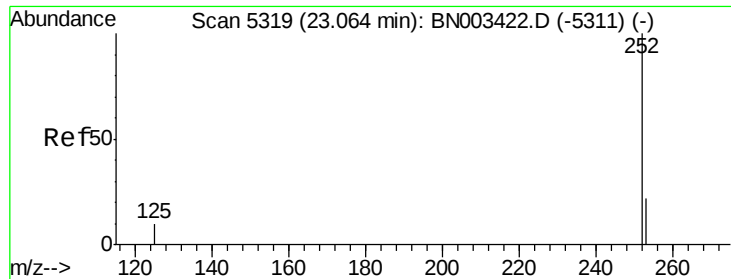
Delta R.T. 0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Tgt Ion:	252	Resp:	483038
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	45.6
125	15.2	0.0	21.8





#22

Benzo(k)fluoranthene

Concen: 1.191 ng/ul m

RT: 23.06 min Scan# 5318

Delta R.T. -0.00 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

Instrument :

BNA_N

ClientSampleId :

A40K2

Tgt Ion:252 Resp: 171788

Ion Ratio Lower Upper

252 100

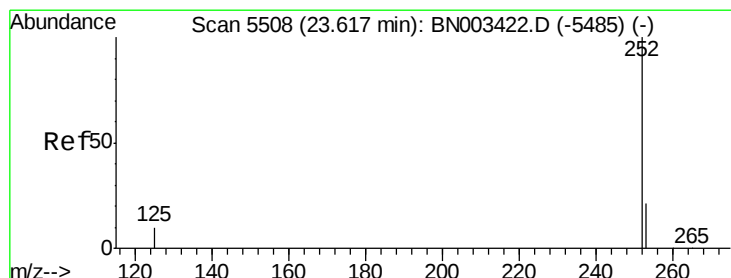
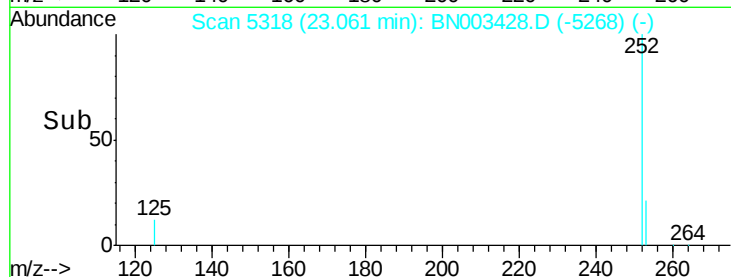
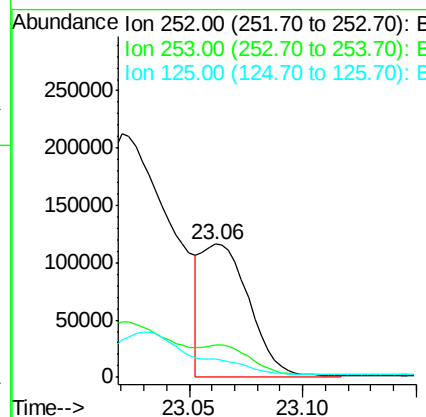
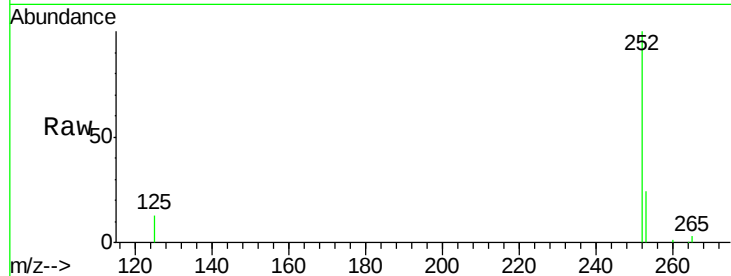
253 24.1 18.2 27.4

125 13.3 8.6 13.0#

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#23

Benzo(a)pyrene

Concen: 2.431 ng/ul m

RT: 23.62 min Scan# 5510

Delta R.T. 0.01 min

Lab File: BN003428.D

Acq: 05 Nov 2018 14:16

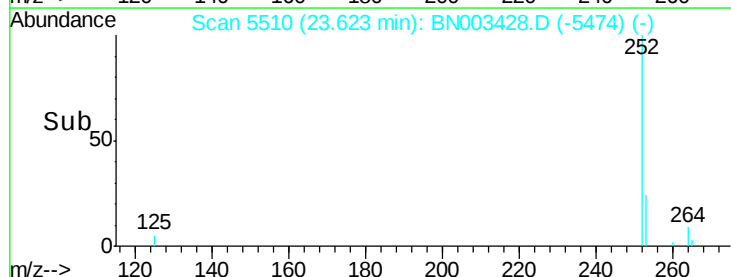
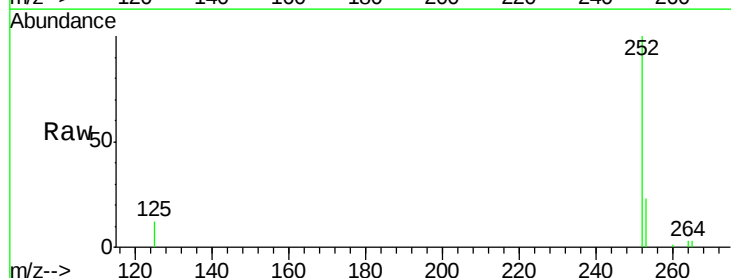
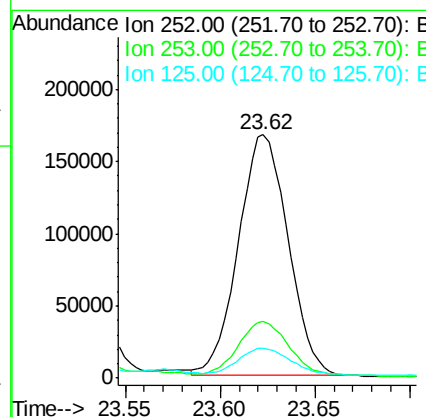
Tgt Ion:252 Resp: 302272

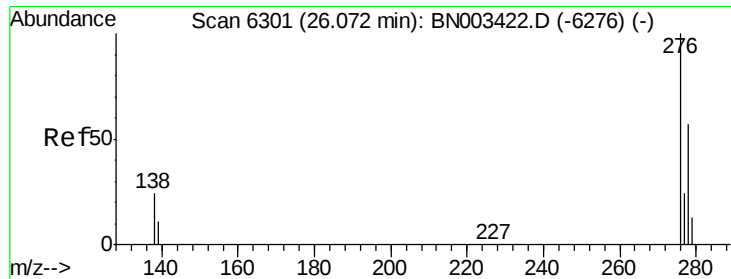
Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

125 12.4 9.9 14.9





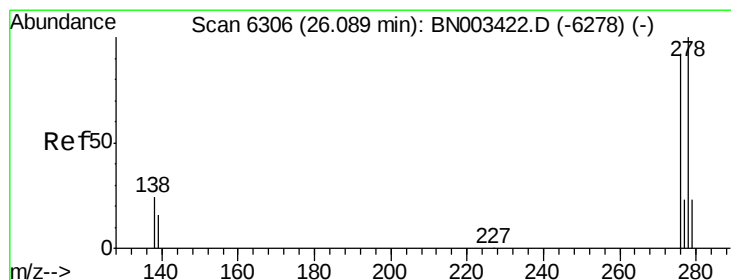
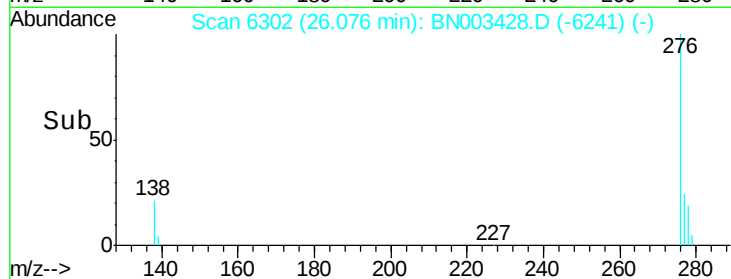
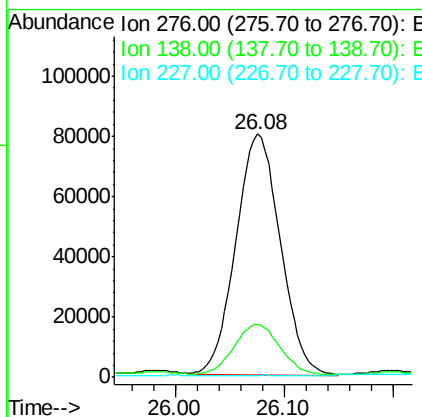
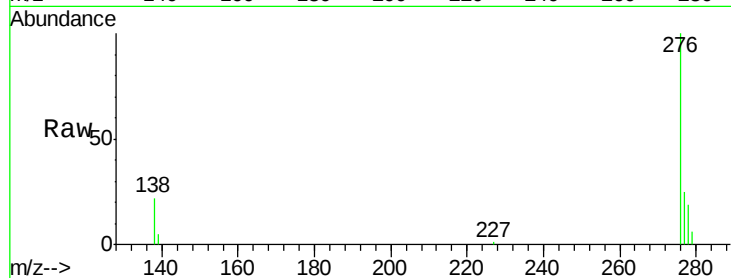
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.715 ng/ul m
RT: 26.08 min Scan# 6302
Delta R.T. 0.00 min
Lab File: BN003428.D
Acq: 05 Nov 2018 14:16

Instrument :
BNA_N
ClientSampled :
A40K2

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.0	19.8	29.8#
227	0.1	0.2	0.2#

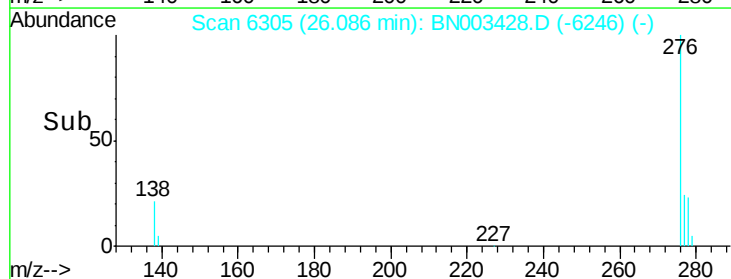
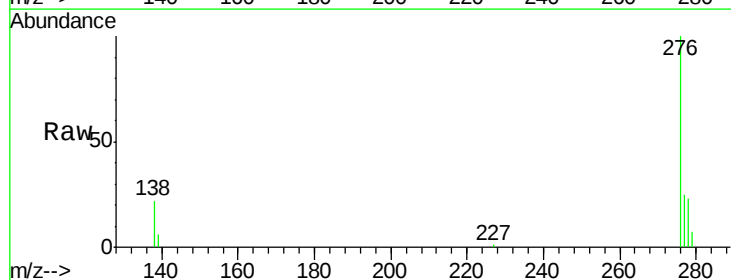
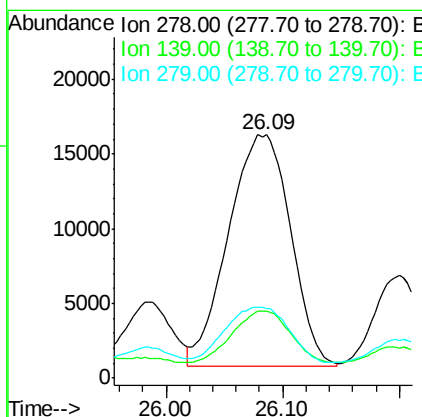
Manual Integrations
APPROVED

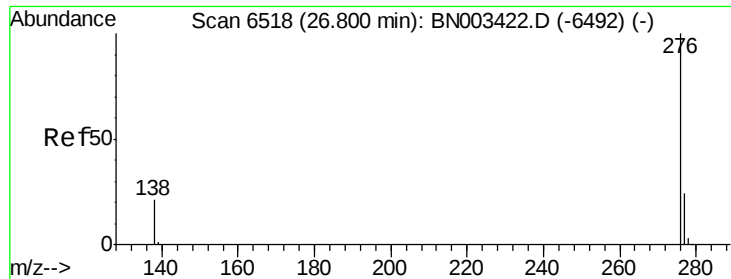
Sohil
11/6/2018 1:23:50 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.529 ng/ul m
RT: 26.09 min Scan# 6305
Delta R.T. -0.00 min
Lab File: BN003428.D
Acq: 05 Nov 2018 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	27.7	13.1	19.7#
279	28.7	19.5	29.3





#26
Benzo(g,h,i)perylene
Concen: 1.458 ng/ul m
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003428.D
Acq: 05 Nov 2018 14:16

Instrument :
BNA_N
ClientSampleId :
A40K2

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		166463		
138	22.3			17.0	25.6
277	24.7			19.2	28.8

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:50 PM

