

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003108.D
 Acq On : 11 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:17 PM

Quant Time: Oct 11 19:05:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1863	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7831	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4453	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9136m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5396m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4849m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2672	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	4901m	0.19	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	2169	0.108	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	1278	0.092	ng/ul	99
7) Acenaphthylene	13.98	152	3291	0.162	ng/ul#	35
8) Acenaphthene	14.32	153	4432	0.287	ng/ul	98
9) Fluorene	15.32	166	5149	0.291	ng/ul	95
12) Phenanthrene	17.06	178	127500m	5.006	ng/ul	
13) Anthracene	17.15	178	35245m	1.465	ng/ul	
15) Fluoranthene	19.08	202	223646m	7.485	ng/ul	
17) Pyrene	19.45	202	189753	9.054	ng/ul	96
18) Benzo(a)anthracene	21.21	228	109024m	6.279	ng/ul	
19) Chrysene	21.26	228	109148m	6.190	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	195764m	11.210	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	56133m	3.101	ng/ul	
23) Benzo(a)pyrene	23.34	252	129671m	8.285	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	101884m	5.665	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	28441m	1.976	ng/ul	
26) Benzo(a,h,i)perylene	26.32	276	87063m	5.741	ng/ul	

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

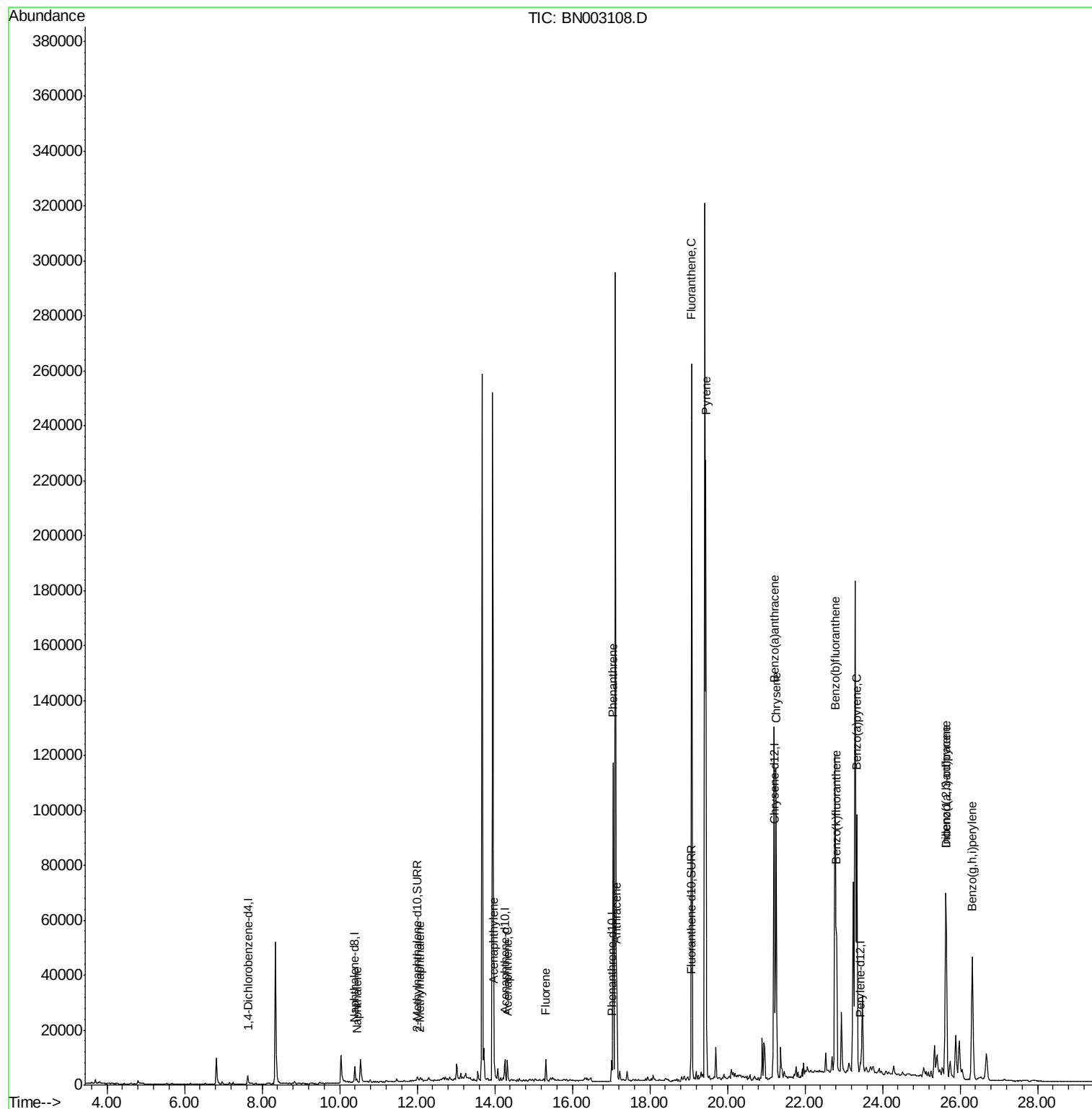
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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ALS Vial : 10 Sample Multiplier: 1

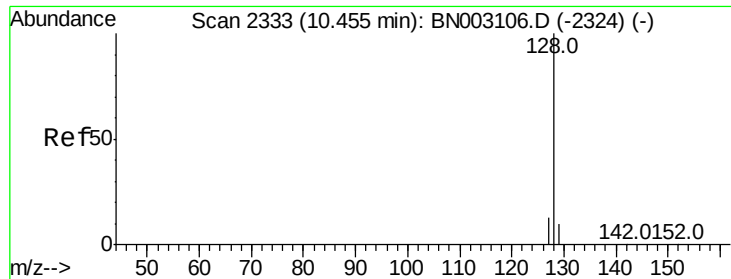
Instrument :
BNA_N
ClientSampleId :
A3Z47

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Quant Time: Oct 11 19:05:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.108 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Instrument :

BNA_N

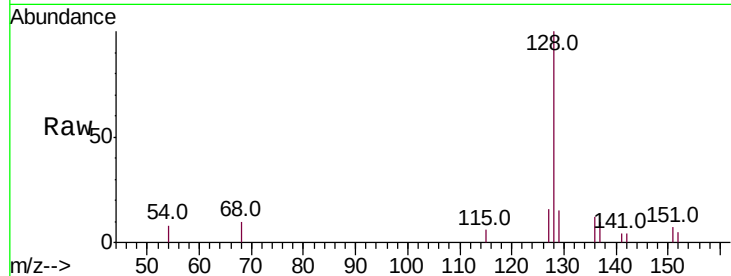
ClientSampleId :

A3Z47

Tot Ion:	128	Resp:	2169
Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.4	15.6
127	16.3	11.7	17.5

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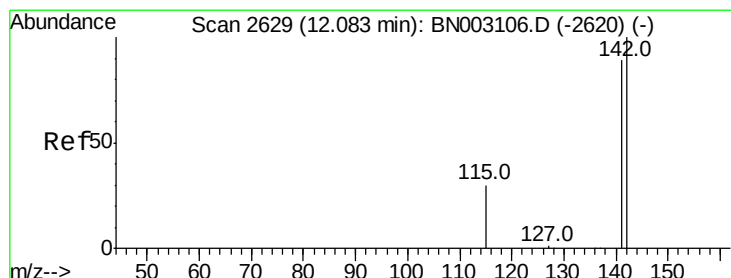
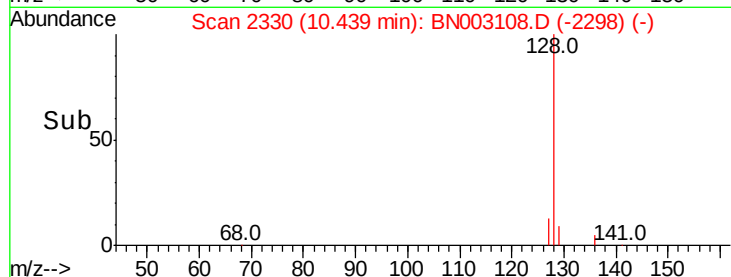
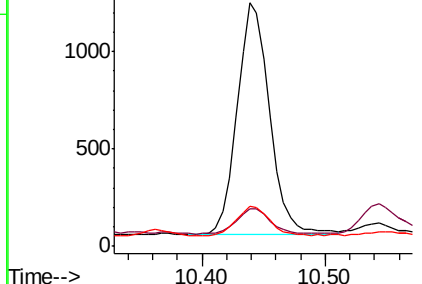
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.092 ng/ul

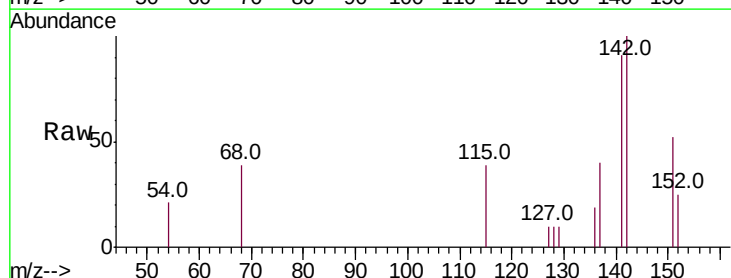
RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN003108.D

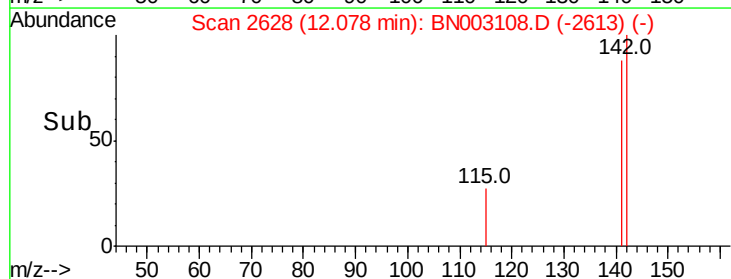
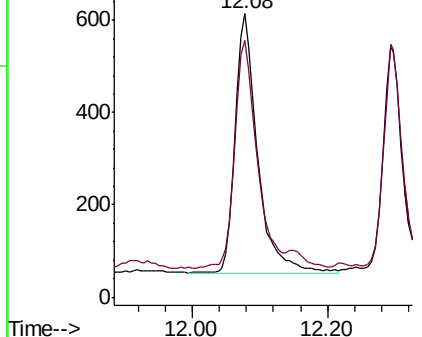
Acq: 11 Oct 2018 18:16

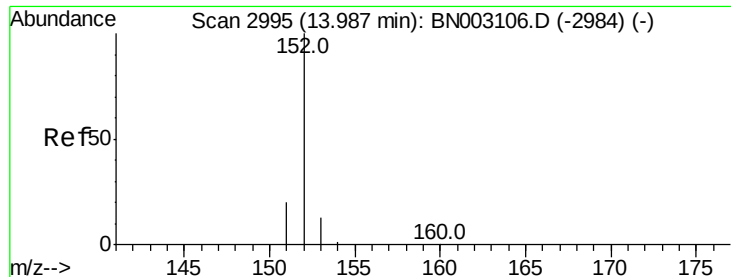
Tgt Ion:	142	Resp:	1278
Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.162 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Instrument :

BNA_N

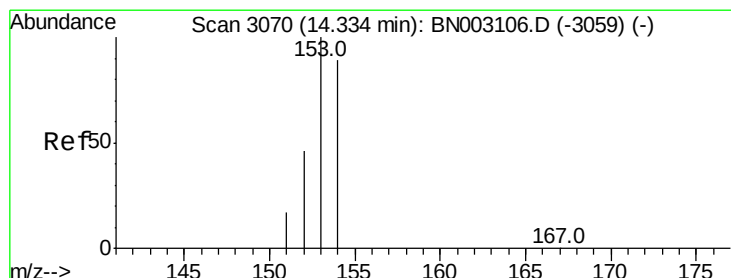
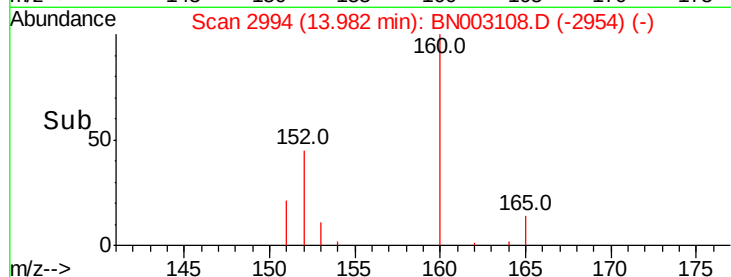
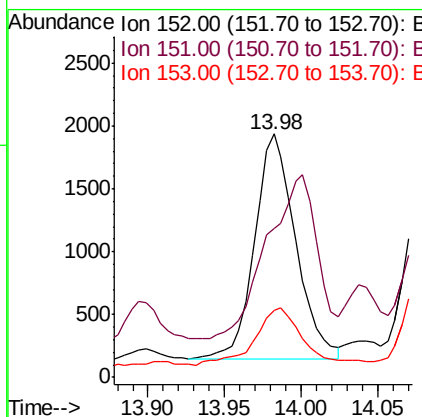
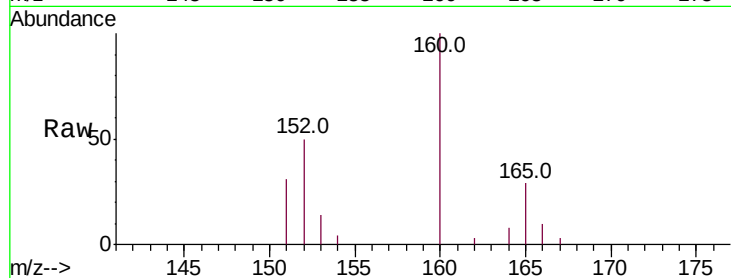
ClientSampled :

A3Z47

Tot Ion:	152	Resp:	3291
Ion Ratio	Lower	Upper	
152	100		
151	61.2	16.5	24.7#
153	27.5	11.4	17.2#

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#8

Acenaphthene

Concen: 0.287 ng/ul

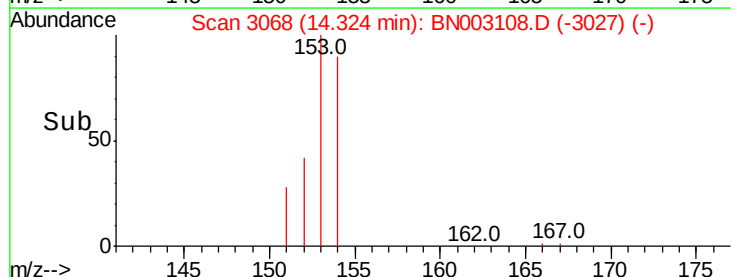
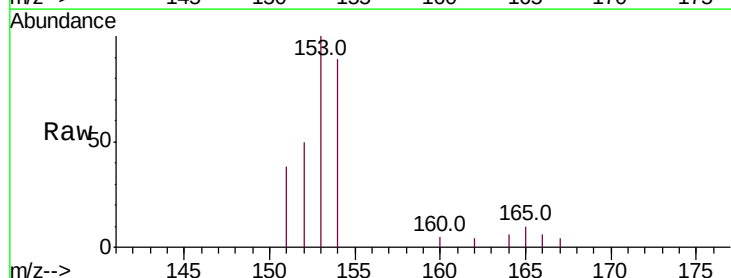
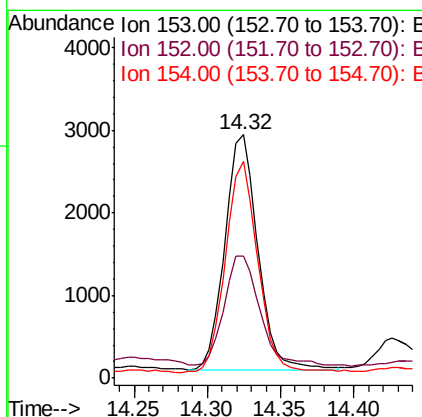
RT: 14.32 min Scan# 3068

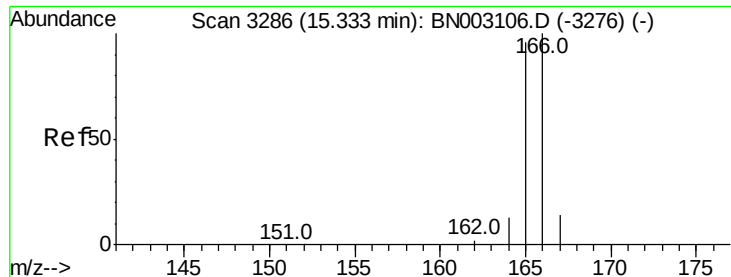
Delta R.T. -0.01 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Tgt Ion:	153	Resp:	4432
Ion Ratio	Lower	Upper	
153	100		
152	50.2	38.2	57.4
154	88.9	70.2	105.2





#9

Fluorene

Concen: 0.291 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Instrument :

BNA_N

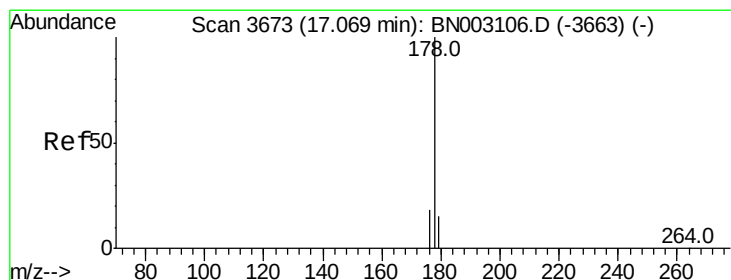
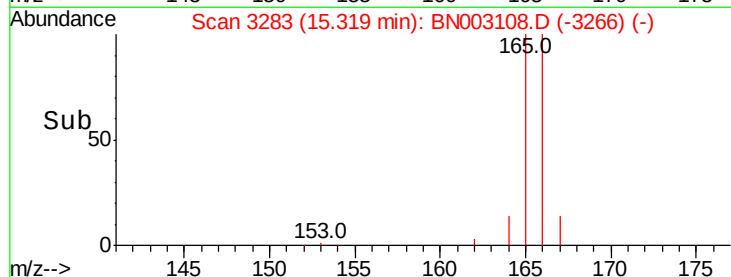
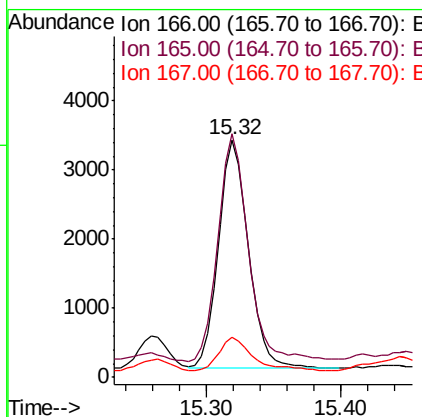
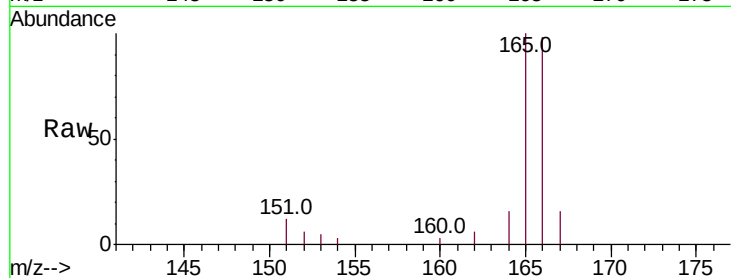
ClientSampleId :

A3Z47

Tot Ion:	166	Resp:	5149
Ion Ratio	Lower	Upper	
166	100		
165	102.5	78.5	117.7
167	16.6	11.6	17.4

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#12

Phenanthrene

Concen: 5.006 ng/ul m

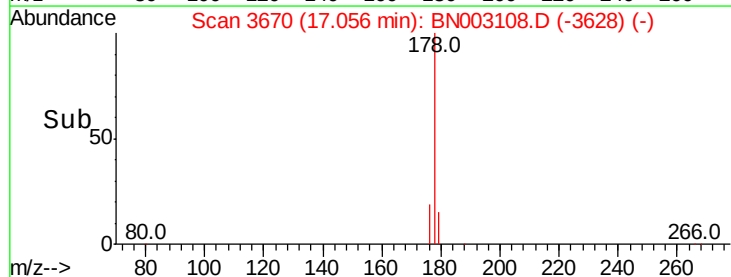
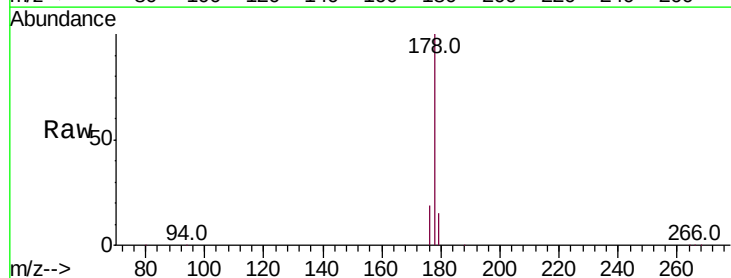
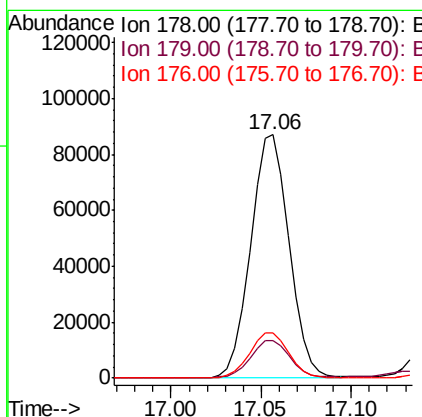
RT: 17.06 min Scan# 3670

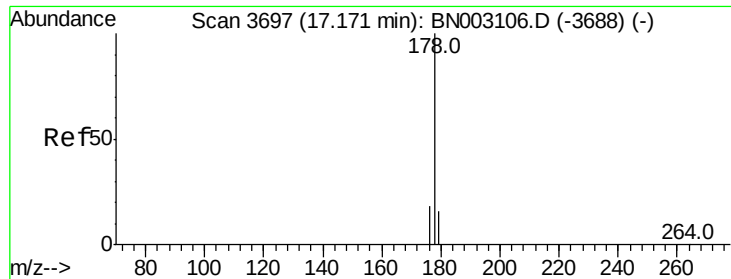
Delta R.T. -0.02 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Tgt Ion:	178	Resp:	127500
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.6	15.4	23.2





#13

Anthracene

Concen: 1.465 ng/ul m

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Instrument :

BNA_N

ClientSampleId :

A3Z47

Tot Ion:178 Resp: 35245

Ion Ratio Lower Upper

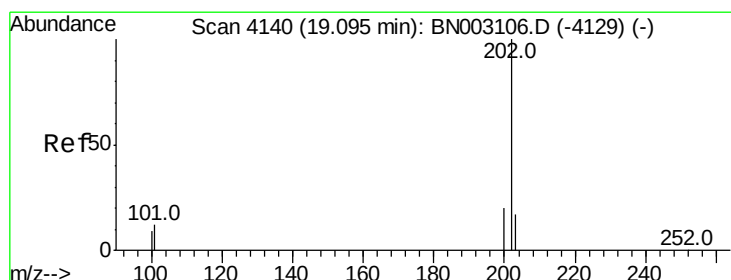
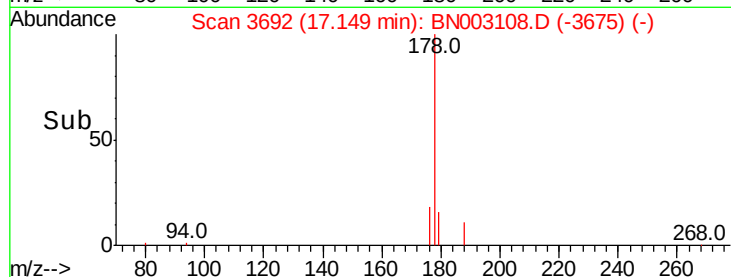
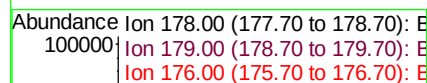
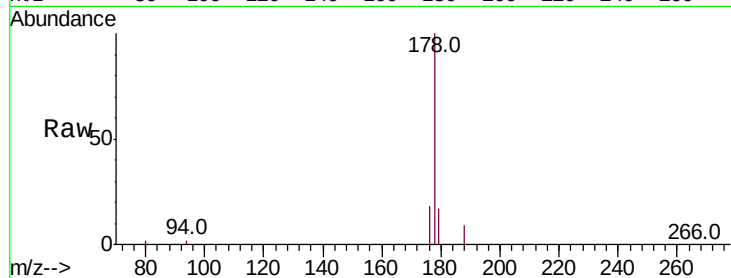
178 100

179 17.2 13.0 19.6

176 18.2 15.3 22.9

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#15

Fluoranthene

Concen: 7.485 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.02 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

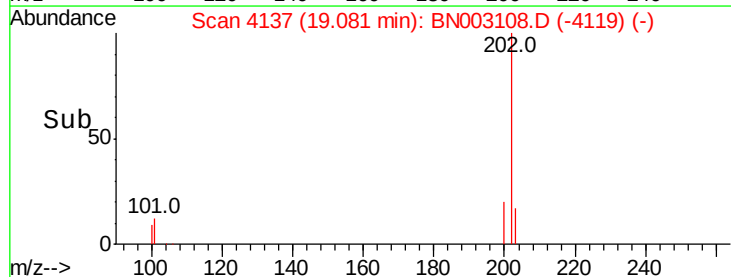
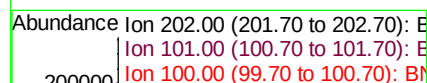
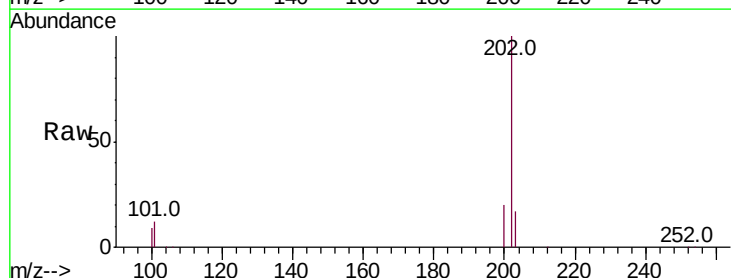
Tgt Ion:202 Resp: 223646

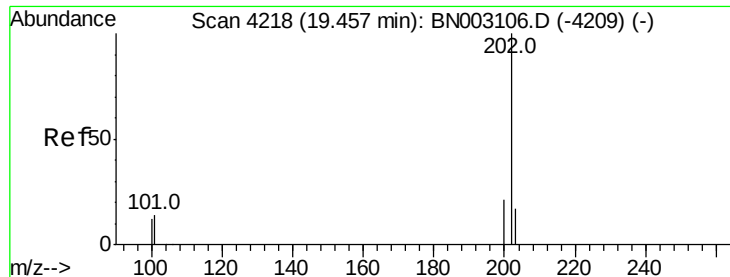
Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.3

100 9.0 0.0 29.1





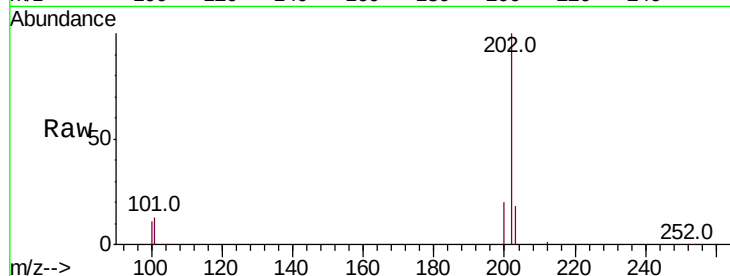
#17
Pvrene
Concen: 9.054 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003108.D
Acq: 11 Oct 2018 18:16

Instrument :
BNA_N
ClientSampleId :
A3Z47

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	11.9	17.9
100	10.7	9.9	14.9

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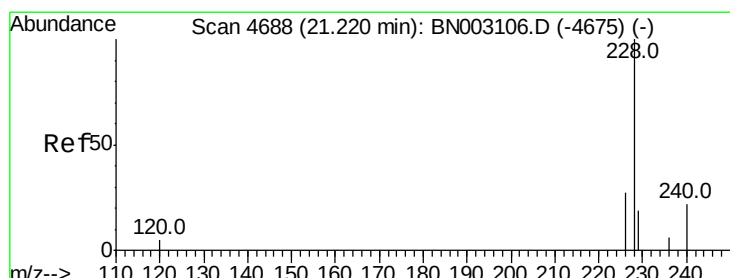
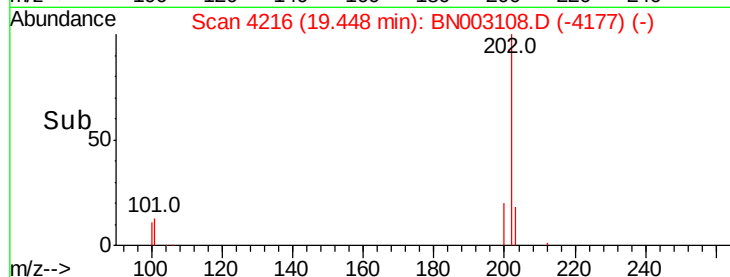
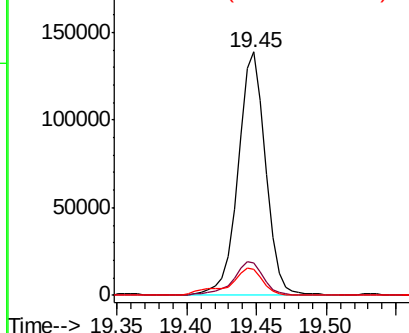


Abundance

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



#18
Benzo(a)anthracene
Concen: 6.279 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003108.D
Acq: 11 Oct 2018 18:16

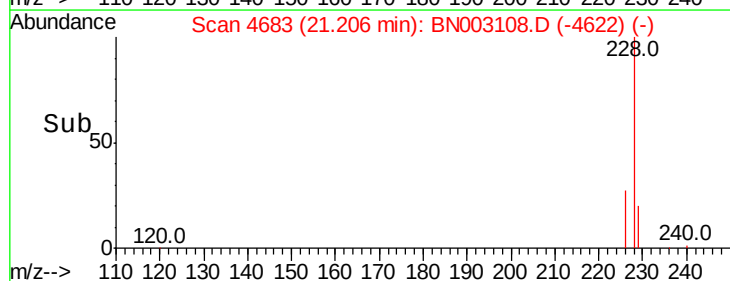
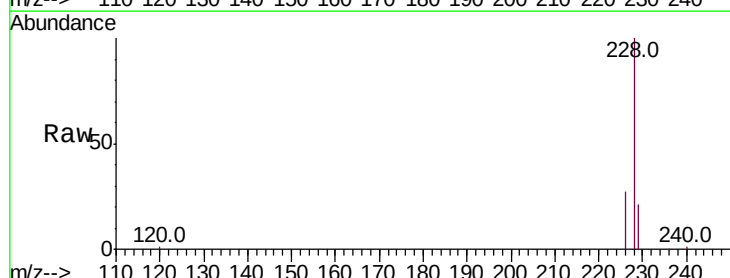
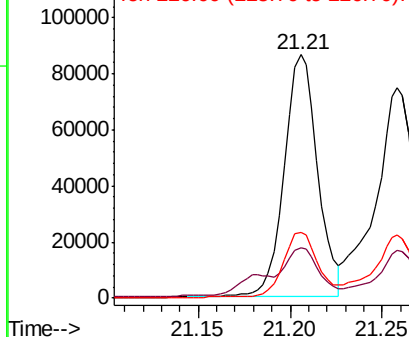
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	16.2	24.2
226	26.9	22.3	33.5

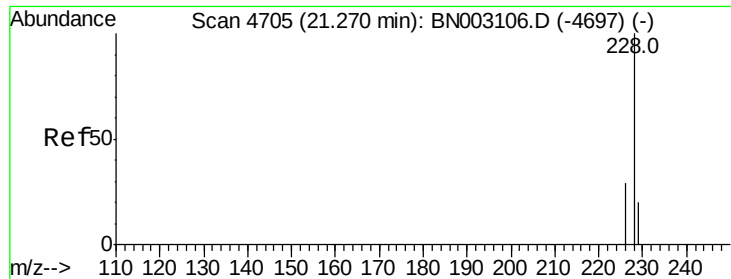
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 6.190 ng/ul m

RT: 21.26 min Scan# 4701

Delta R.T. -0.02 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Instrument :

BNA_N

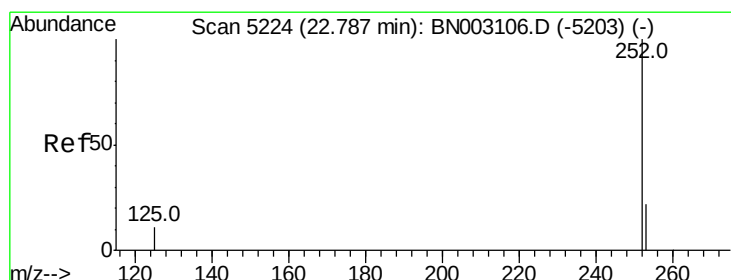
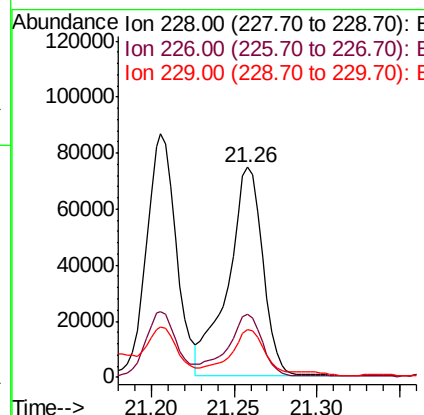
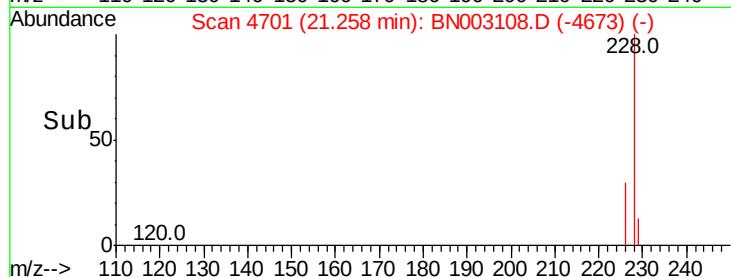
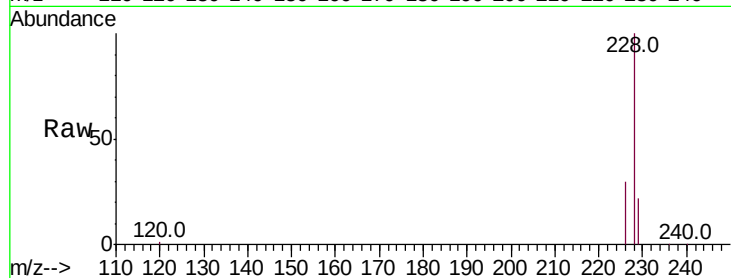
ClientSampled :

A3Z47

Tot Ion:228	Resp:	109148
Ion Ratio	Lower	Upper
228 100		
226 30.0	24.2	36.4
229 22.5	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 11.210 ng/ul m

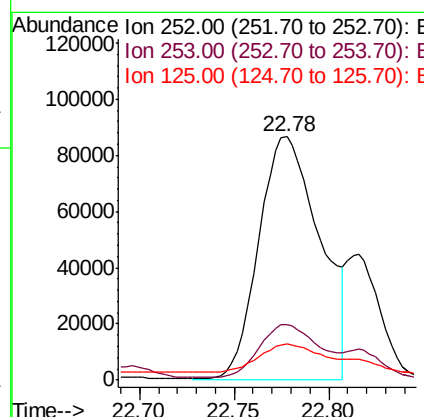
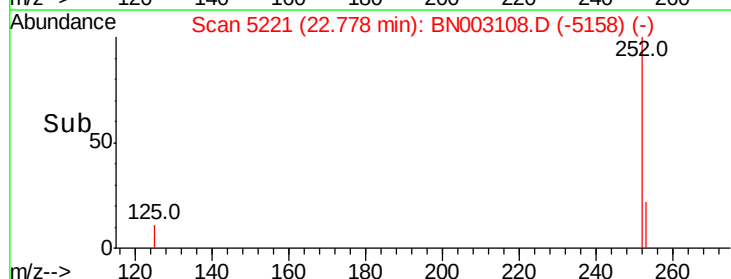
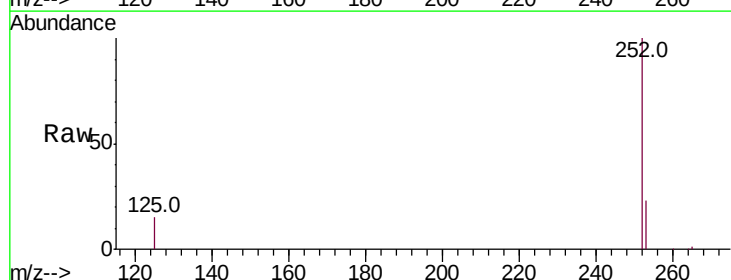
RT: 22.78 min Scan# 5221

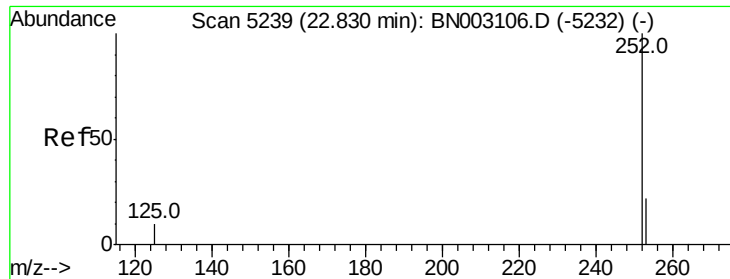
Delta R.T. -0.01 min

Lab File: BN003108.D

Acq: 11 Oct 2018 18:16

Tgt Ion:252	Resp:	195764
Ion Ratio	Lower	Upper
252 100		
253 22.8	0.0	53.2
125 14.6	0.0	34.2





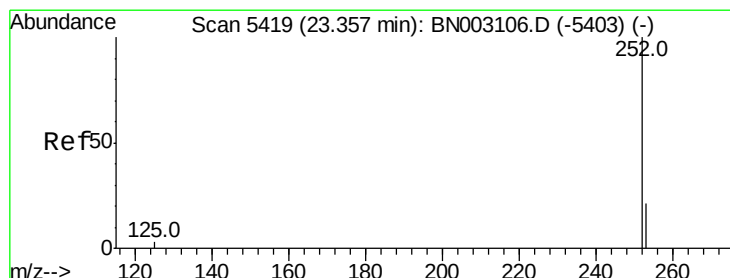
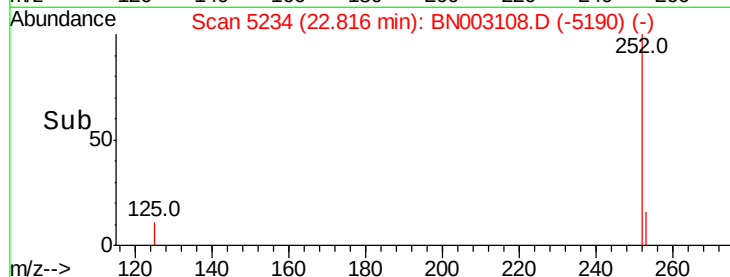
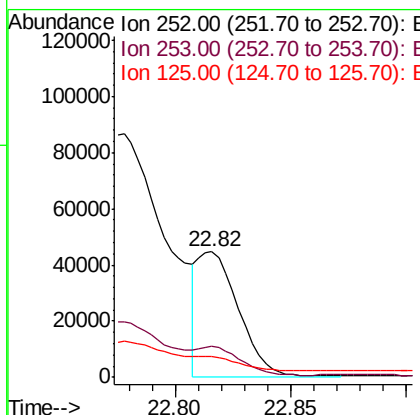
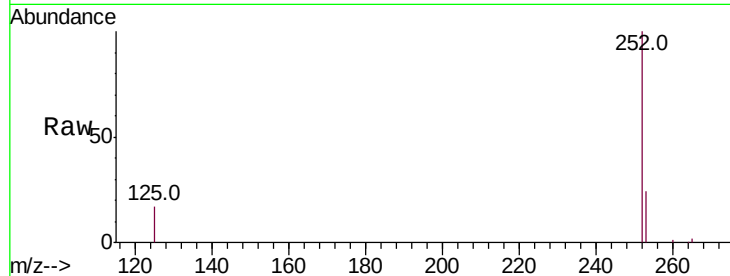
#22
Benzo(k)fluoranthene
Concen: 3.101 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003108.D
Acq: 11 Oct 2018 18:16

Instrument :
BNA_N
ClientSampled :
A3Z47

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.3	31.9
125	16.6	14.1	21.1

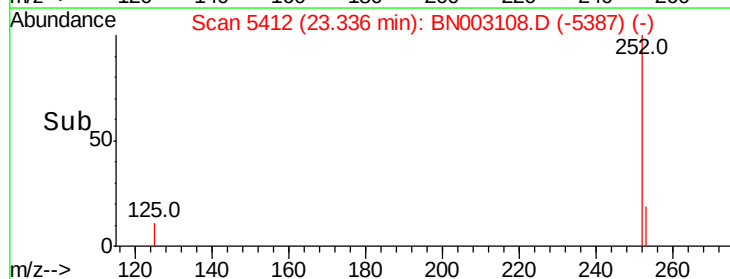
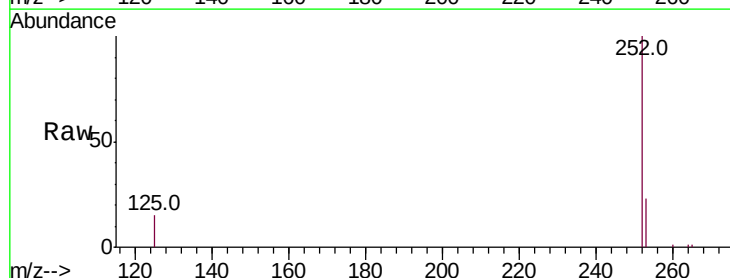
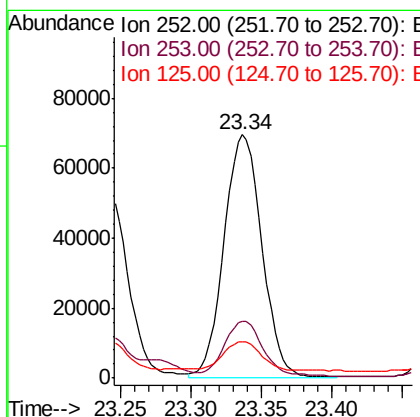
Manual Integrations
APPROVED

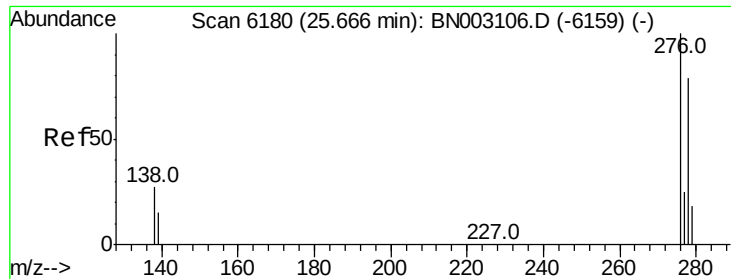
Sohil
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#23
Benzo(a)pyrene
Concen: 8.285 ng/ul m
RT: 23.34 min Scan# 5412
Delta R.T. -0.03 min
Lab File: BN003108.D
Acq: 11 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.1	34.7
125	15.1	16.9	25.3#





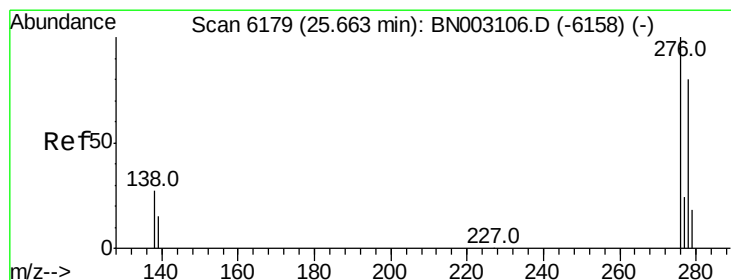
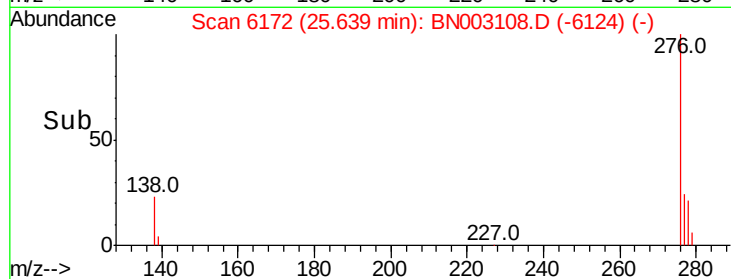
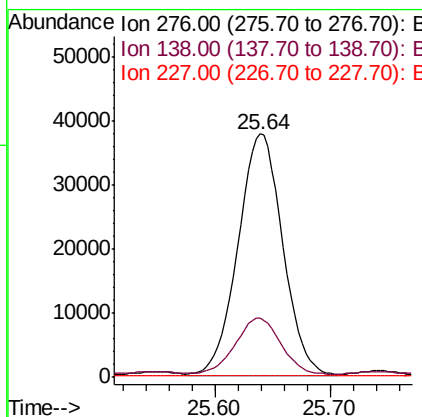
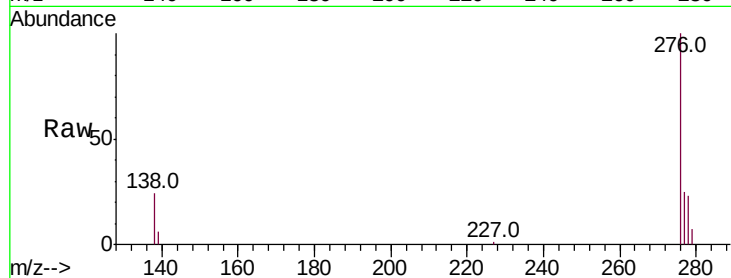
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.665 ng/ul m
 RT: 25.64 min Scan# 6172
 Delta R.T. -0.04 min
 Lab File: BN003108.D
 Acq: 11 Oct 2018 18:16

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.0	21.5	32.3#
227	0.0	0.3	0.5#

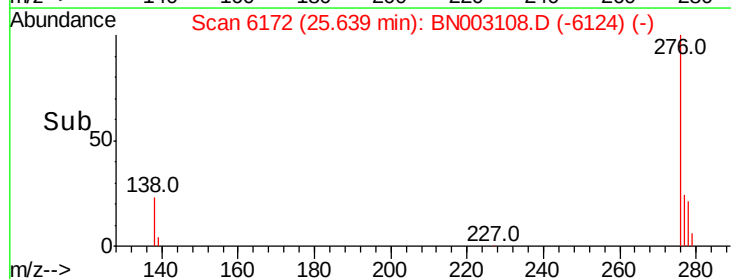
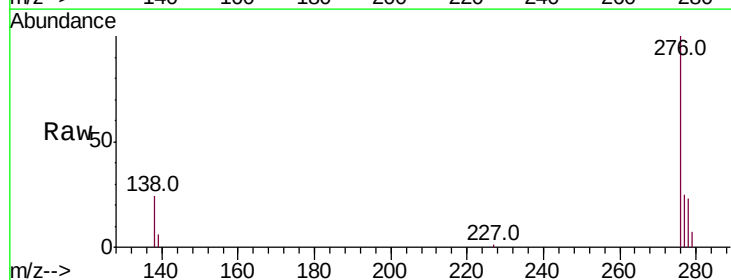
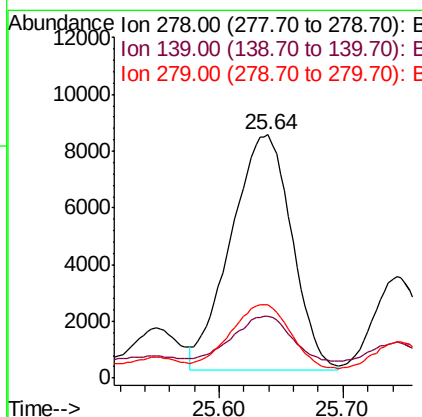
Manual Integrations
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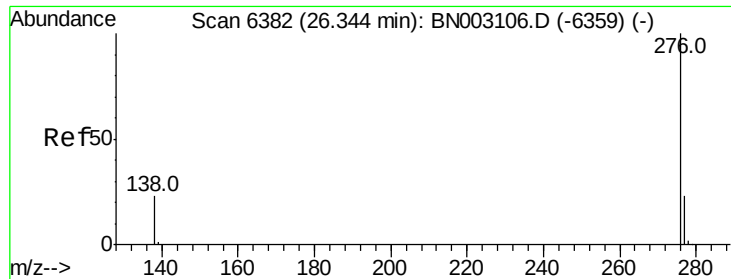
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.976 ng/ul m
 RT: 25.64 min Scan# 6172
 Delta R.T. -0.04 min
 Lab File: BN003108.D
 Acq: 11 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.2	20.2	30.4
279	30.1	23.8	35.8





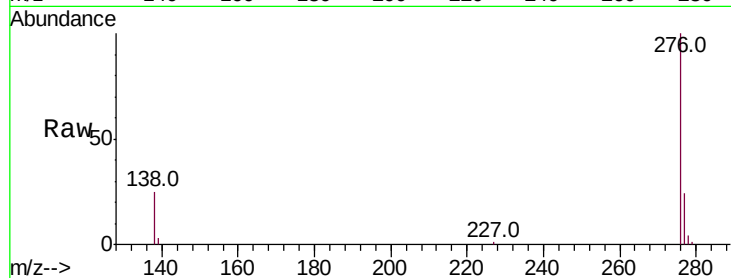
#26
Benzo(a,h,i)perylene
Concen: 5.741 ng/ul m
RT: 26.32 min Scan# 6374
Delta R.T. -0.04 min
Lab File: BN003108.D
Acq: 11 Oct 2018 18:16

Instrument :
BNA_N
ClientSampleId :
A3Z47

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.0	34.4
277	24.3	22.0	33.0

Manual Integrations
APPROVED

Sohil
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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

