

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003116.D
 Acq On : 11 Oct 2018 22:57
 Operator : MJ/SJ
 Sample : J5230-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0

Manual Integrations
 APPROVED

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Quant Time: Oct 12 07:08:11 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 : Fri Oct 12 05:29:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1704	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6820	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3395	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5924m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4432m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4937m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2710	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	4717m	0.28	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	9530	0.545	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	5895	0.489	ng/ul	97
7) Acenaphthylene	13.98	152	69694	4.487	ng/ul	98
8) Acenaphthene	14.32	153	2724	0.231	ng/ul	97
9) Fluorene	15.32	166	4704	0.348	ng/ul#	97
12) Phenanthrene	17.06	178	100436m	6.082	ng/ul	
13) Anthracene	17.15	178	65609m	4.206	ng/ul	
15) Fluoranthene	19.08	202	446774m	23.061	ng/ul	
17) Pyrene	19.44	202	383577	22.283	ng/ul	99
18) Benzo(a)anthracene	21.20	228	212340m	14.888	ng/ul	
19) Chrysene	21.26	228	243721m	16.829	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	380645m	21.409	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	131422m	7.130	ng/ul	
23) Benzo(a)pyrene	23.34	252	192761m	12.097	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	160865m	8.785	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	48246m	3.292	ng/ul	
26) Benzo(a,h,i)perylene	26.31	276	133371m	8.638	ng/ul	

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

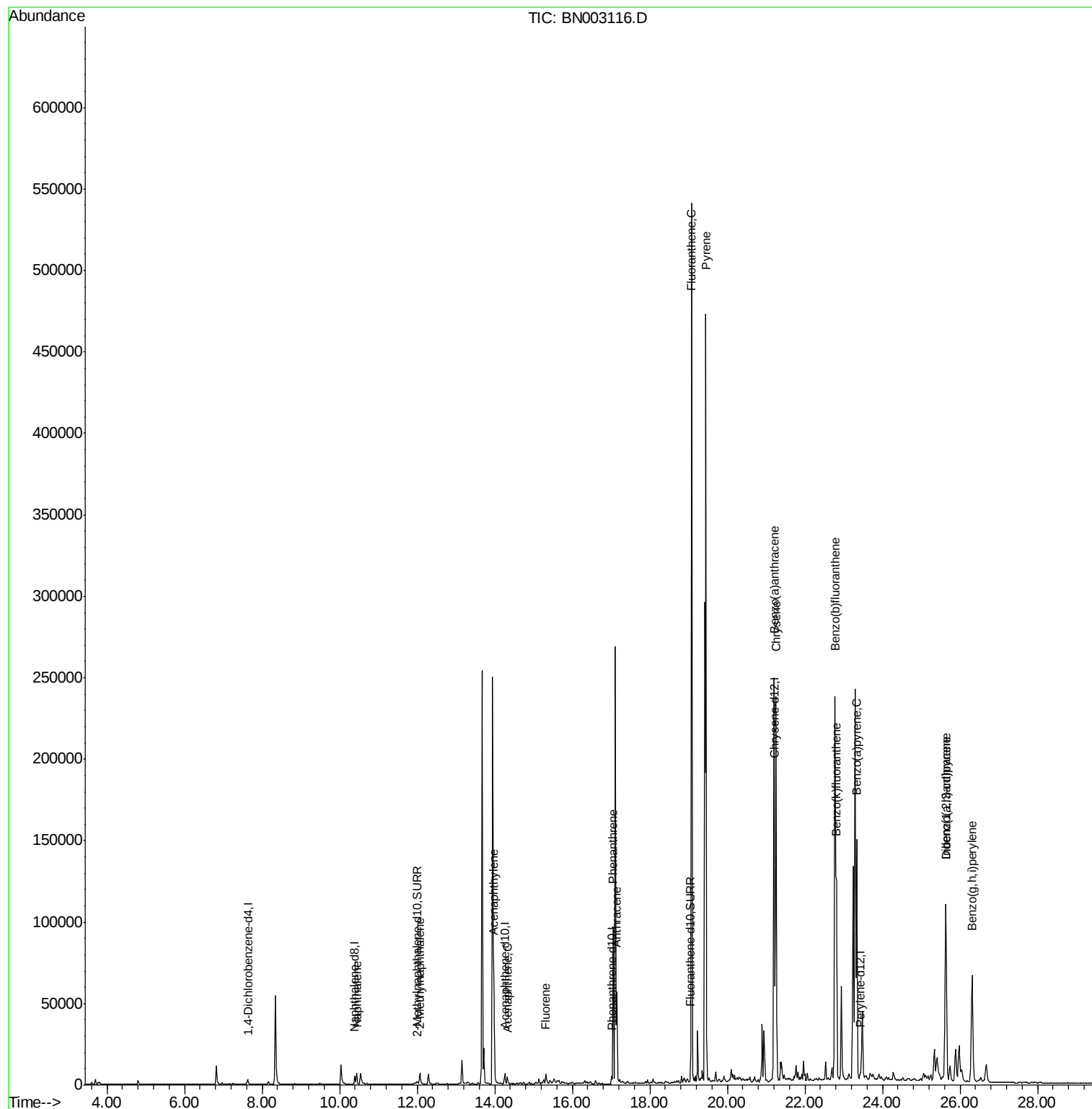
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003116.D
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Operator : MJ/SJ
Sample : J5230-04
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ALS Vial : 18 Sample Multiplier: 1

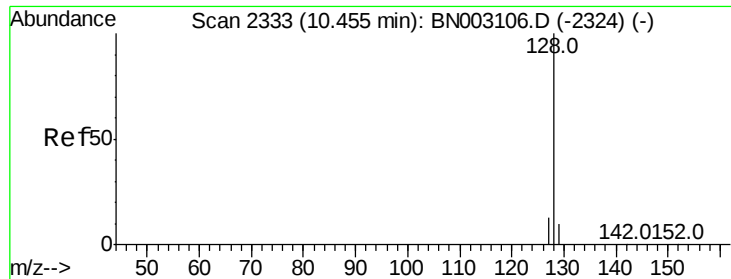
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.545 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

ClientSampleId :

A3YY0

Tot Ion:128 Resp: 9530

Ion Ratio Lower Upper

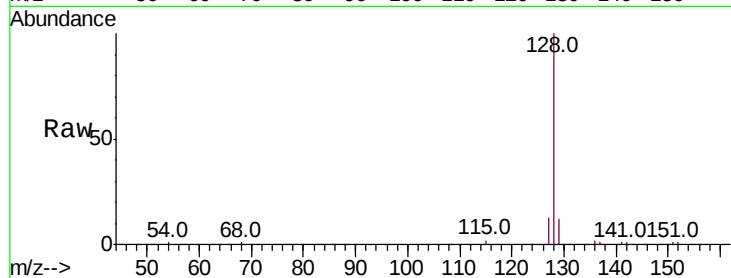
128 100

129 12.1 10.4 15.6

127 13.4 11.7 17.5

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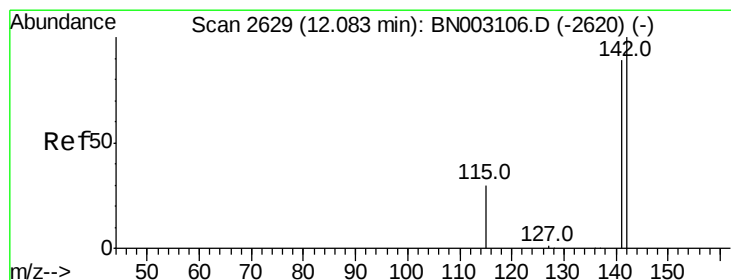
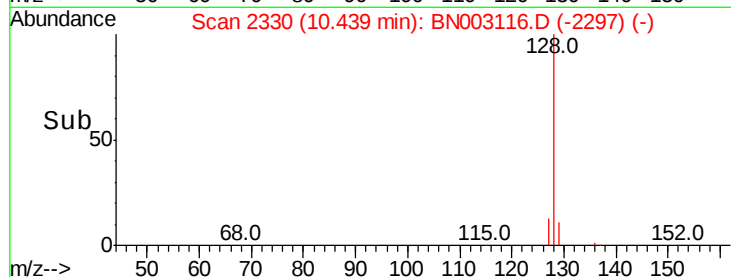
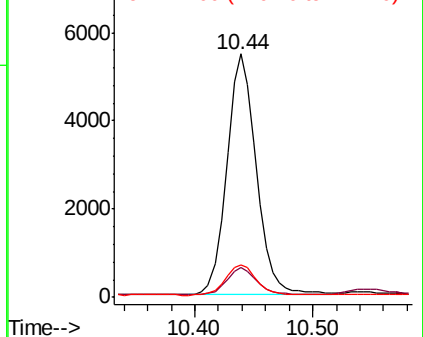
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.489 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BN003116.D

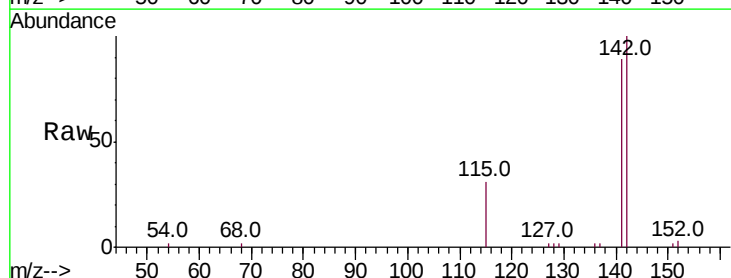
Acq: 11 Oct 2018 22:57

Tgt Ion:142 Resp: 5895

Ion Ratio Lower Upper

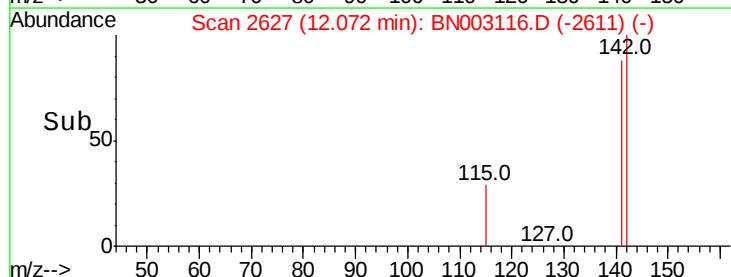
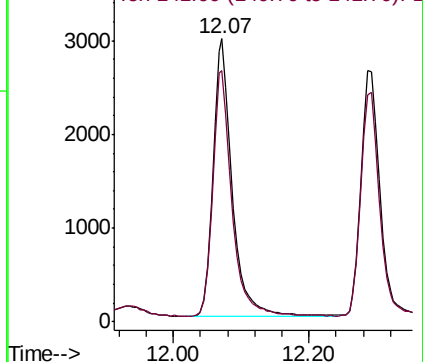
142 100

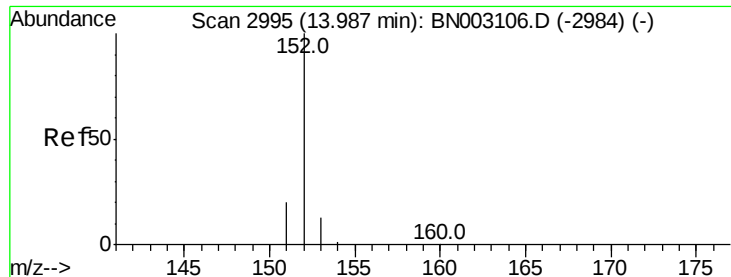
141 88.8 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.487 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

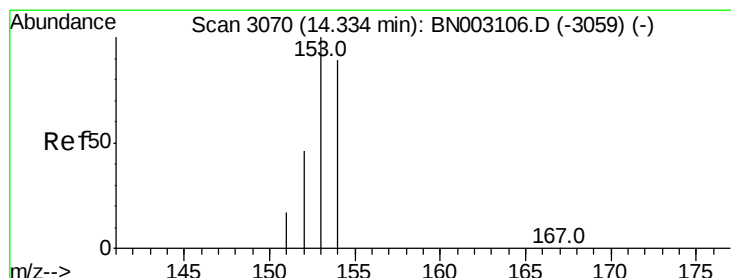
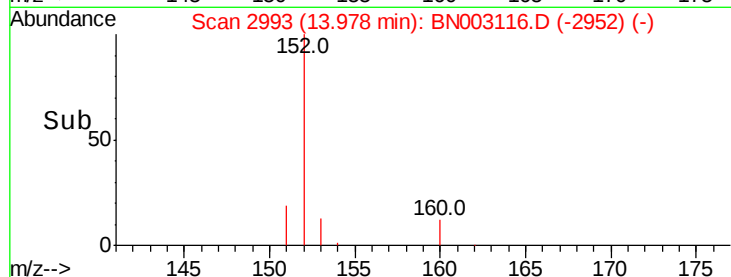
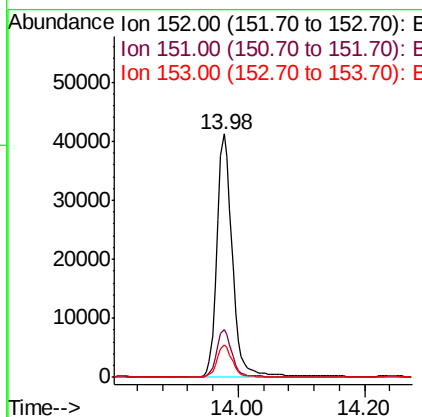
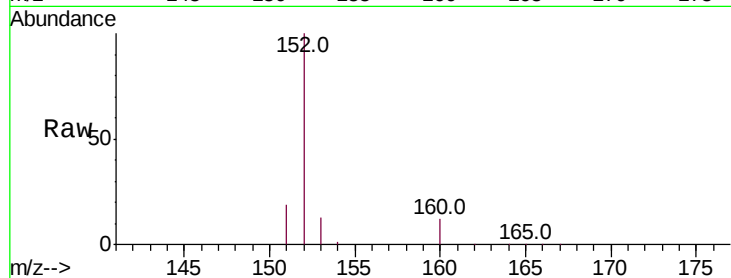
ClientSampled :

A3YY0

Tot Ion:	152	Resp:	69694
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.5	24.7
153	13.4	11.4	17.2

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#8

Acenaphthene

Concen: 0.231 ng/ul

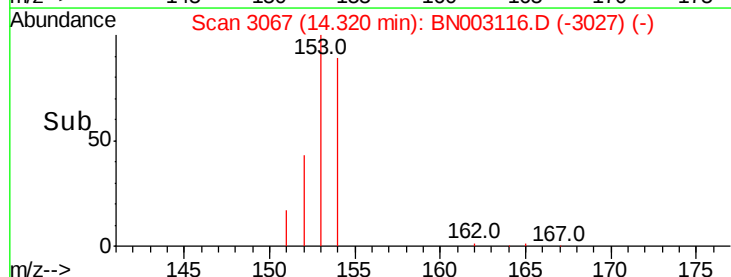
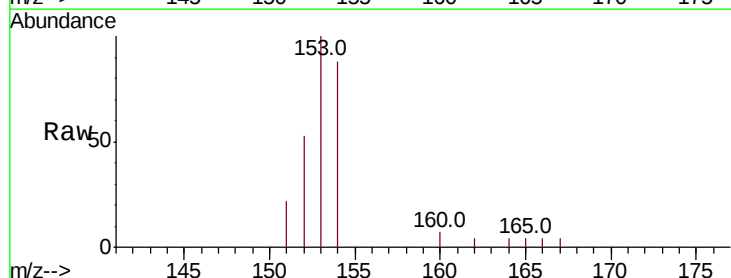
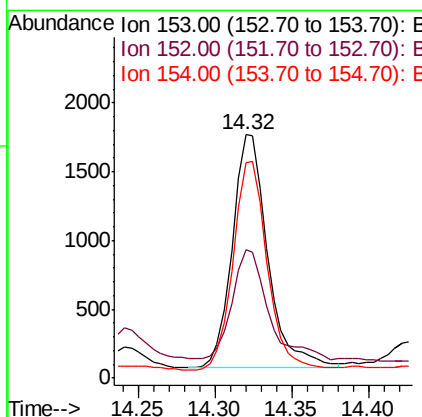
RT: 14.32 min Scan# 3067

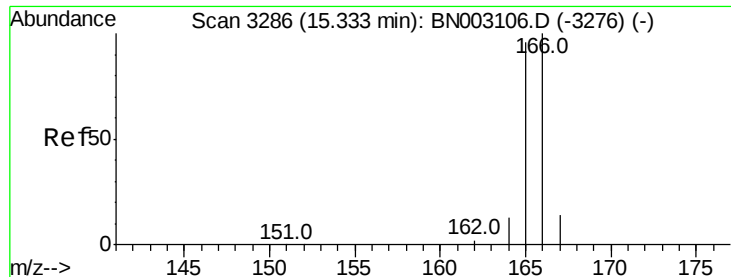
Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Tgt Ion:	153	Resp:	2724
Ion Ratio	Lower	Upper	
153	100		
152	52.7	38.2	57.4
154	88.5	70.2	105.2





#9

Fluorene

Concen: 0.348 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

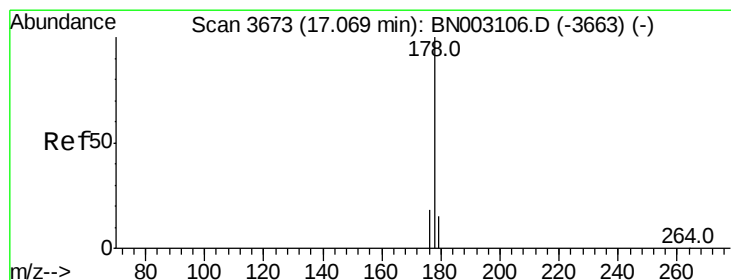
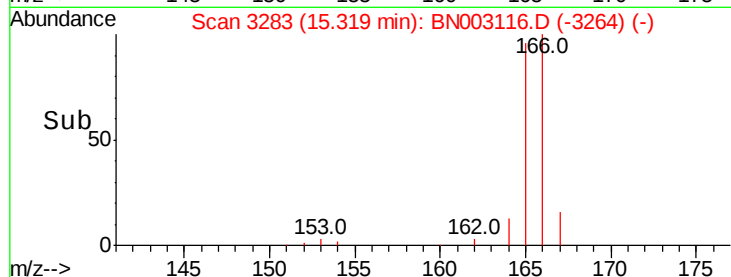
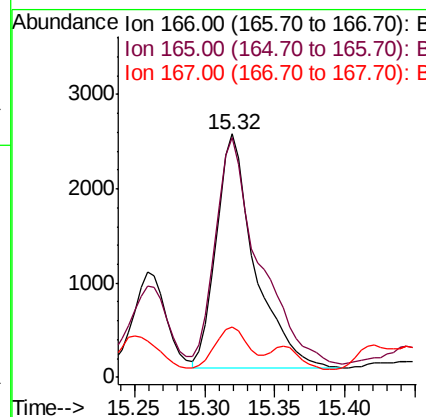
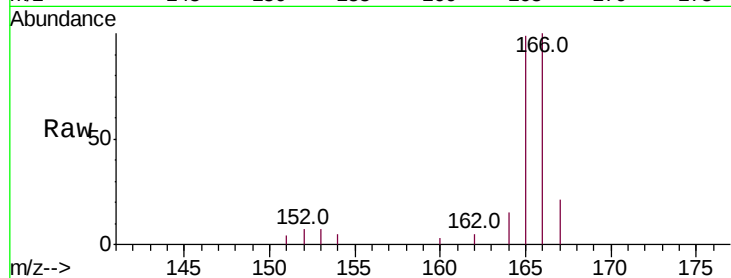
ClientSampleId :

A3YY0

Tot Ion:	166	Resp:	4704
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.5	117.7
167	20.8	11.6	17.4#

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#12

Phenanthrene

Concen: 6.082 ng/ul m

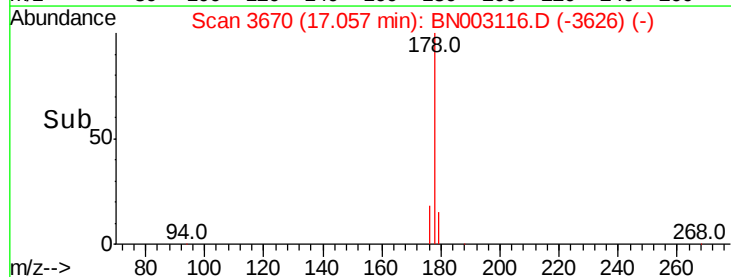
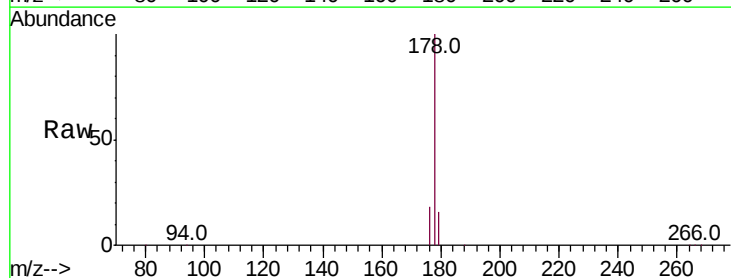
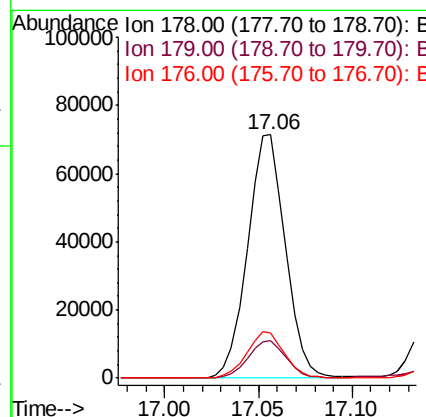
RT: 17.06 min Scan# 3670

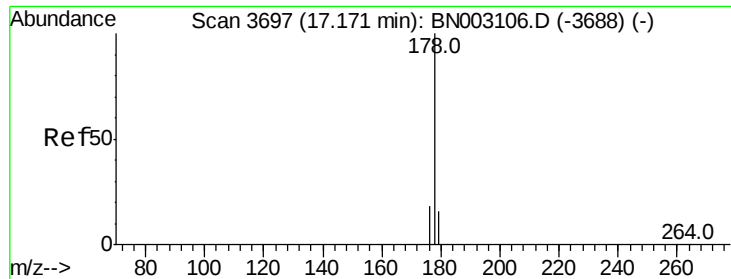
Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Tgt Ion:	178	Resp:	100436
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	18.4	15.4	23.2





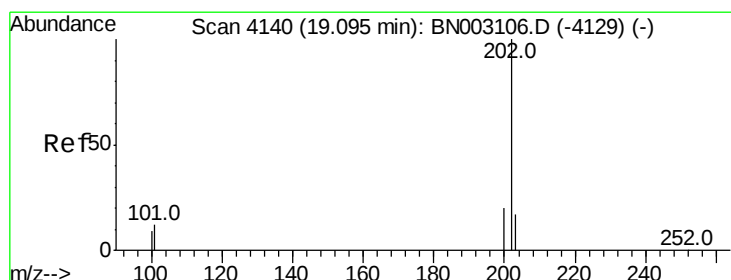
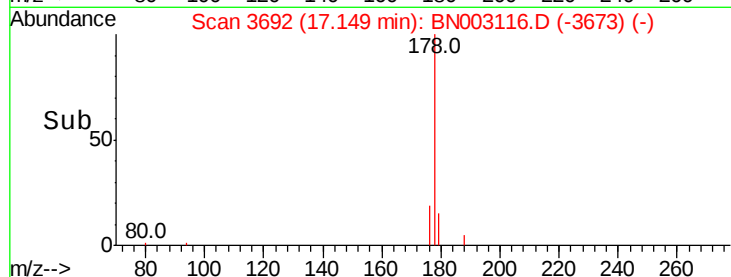
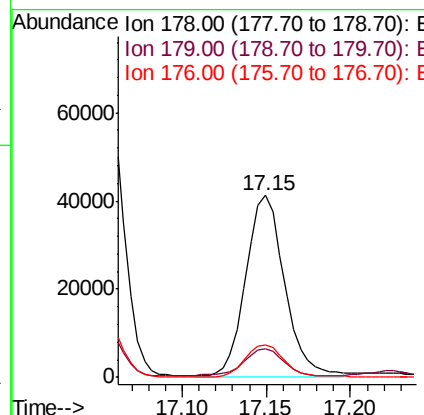
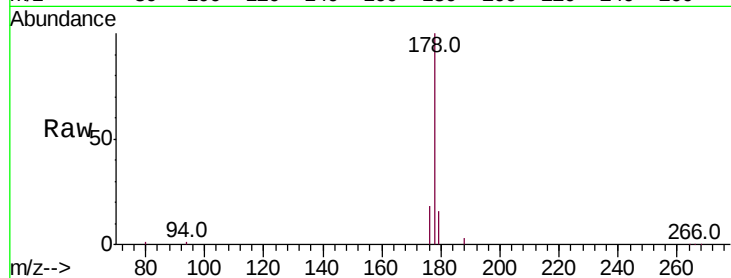
#13
 Anthracene
 Concen: 4.206 ng/ul m
 RT: 17.15 min Scan# 3692
 Delta R.T. -0.02 min
 Lab File: BN003116.D
 Acq: 11 Oct 2018 22:57

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0

Tot Ion:178 Resp: 65609
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.0 19.6
 176 18.1 15.3 22.9

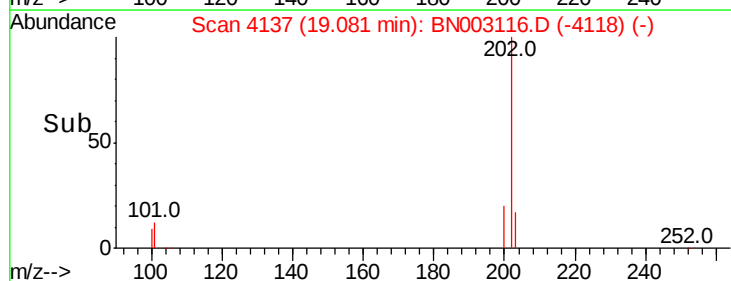
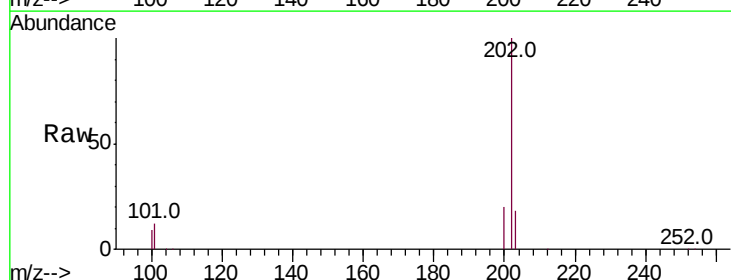
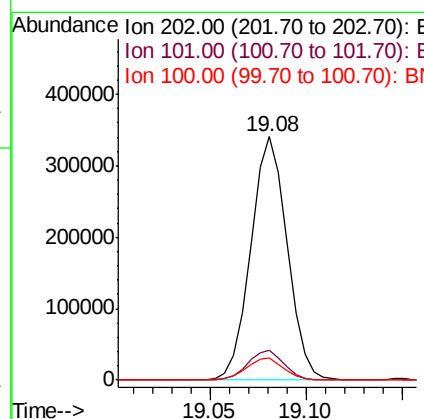
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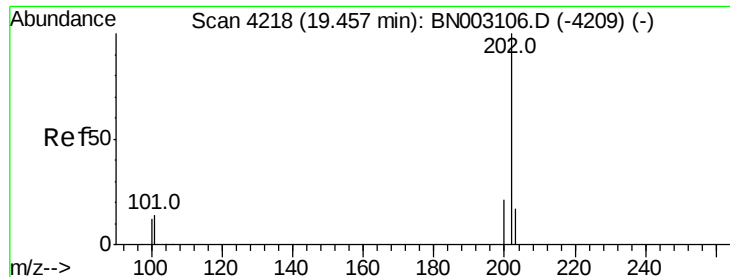
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#15
 Fluoranthene
 Concen: 23.061 ng/ul m
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN003116.D
 Acq: 11 Oct 2018 22:57

Tgt Ion:202 Resp: 446774
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.3
 100 8.9 0.0 29.1





#17

Pvrene

Concen: 22.283 ng/ul

RT: 19.44 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

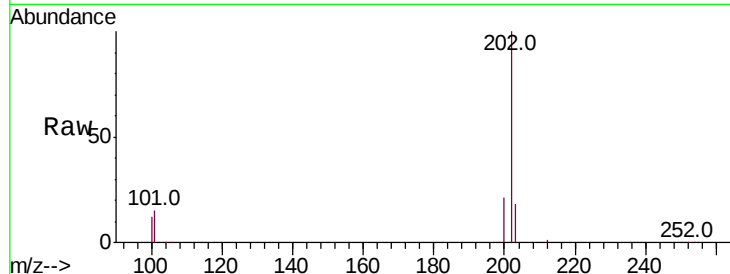
ClientSampleId :

A3YY0

Tot Ion:	202	Resp:	383577
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.9	17.9
100	11.8	9.9	14.9

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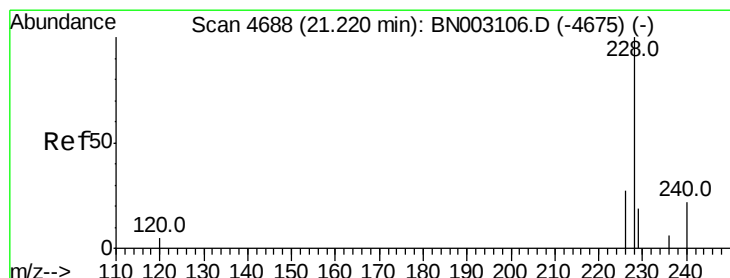
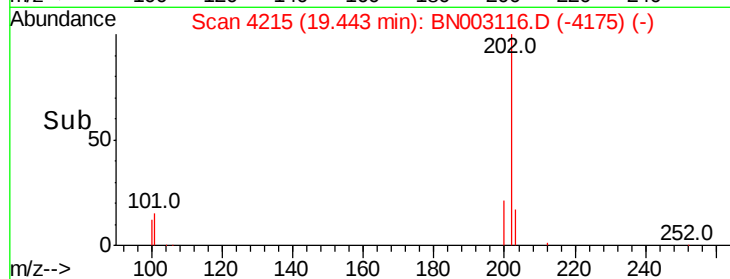
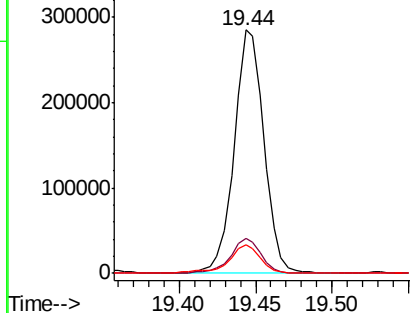
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 14.888 ng/ul m

RT: 21.20 min Scan# 4682

Delta R.T. -0.02 min

Lab File: BN003116.D

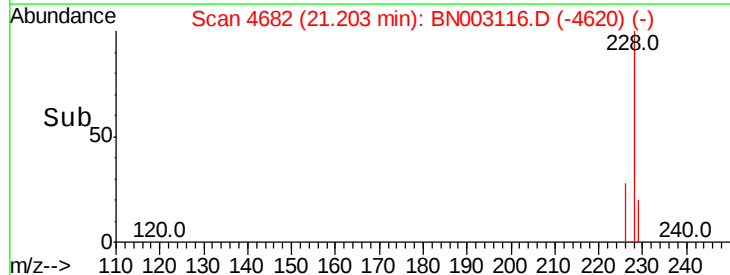
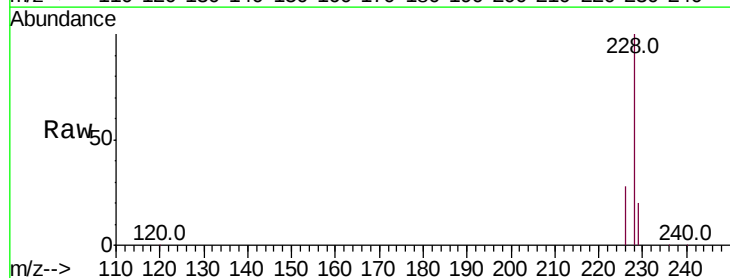
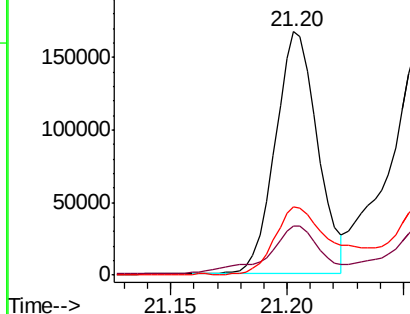
Acq: 11 Oct 2018 22:57

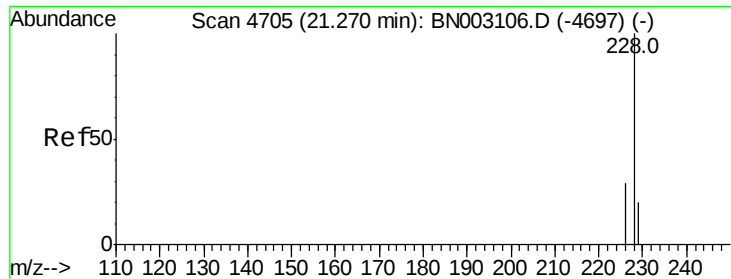
Tgt Ion:	228	Resp:	212340
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.2	24.2
226	27.9	22.3	33.5

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: 16.829 ng/ul m

RT: 21.26 min Scan# 4700

Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

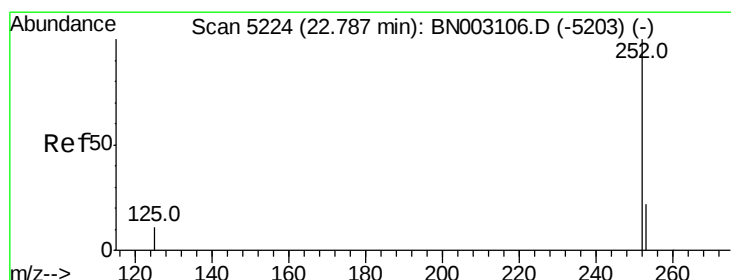
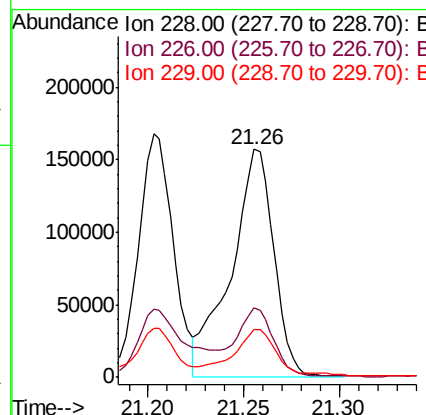
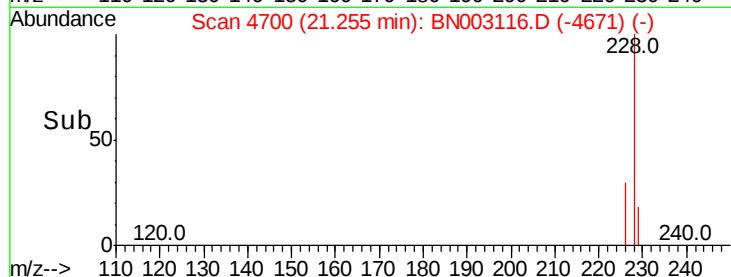
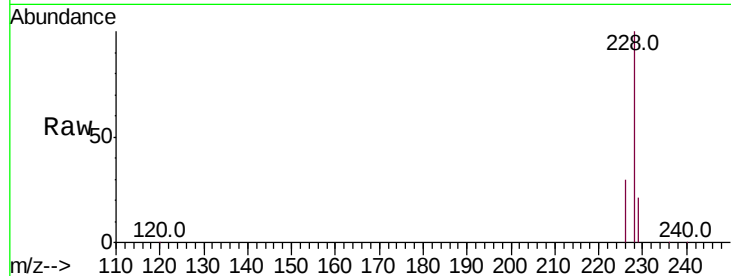
ClientSampled :

A3YY0

Tot Ion:	228	Resp:	243721
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.4
229	20.8	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 21.409 ng/ul m

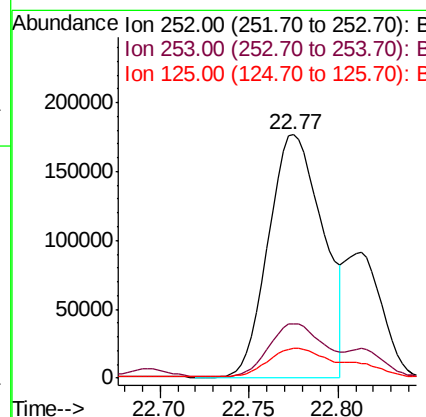
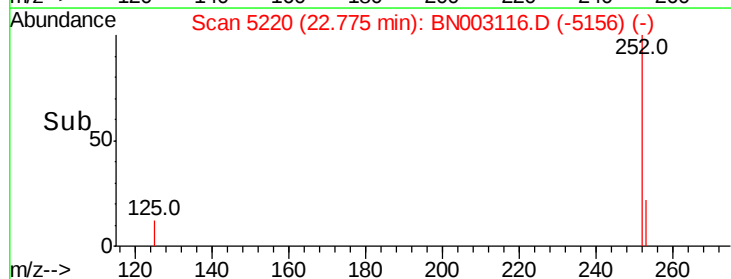
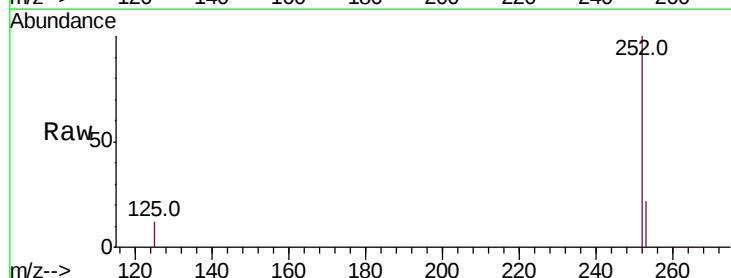
RT: 22.77 min Scan# 5220

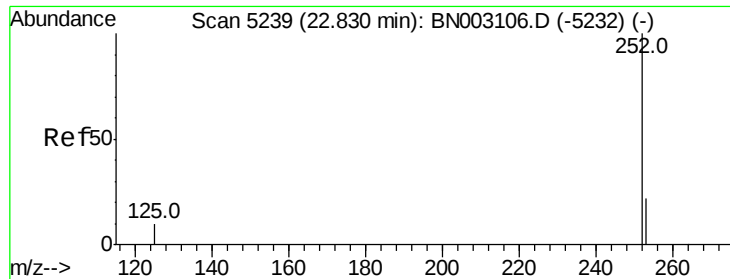
Delta R.T. -0.01 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Tgt Ion:	252	Resp:	380645
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	53.2
125	12.1	0.0	34.2





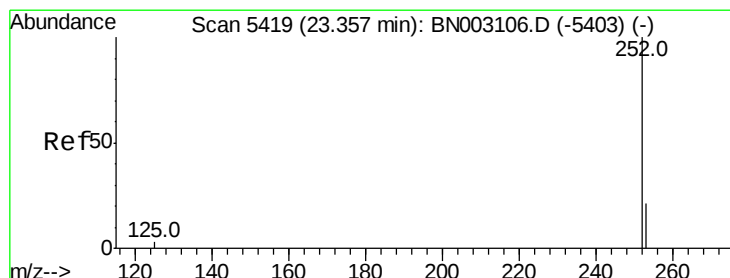
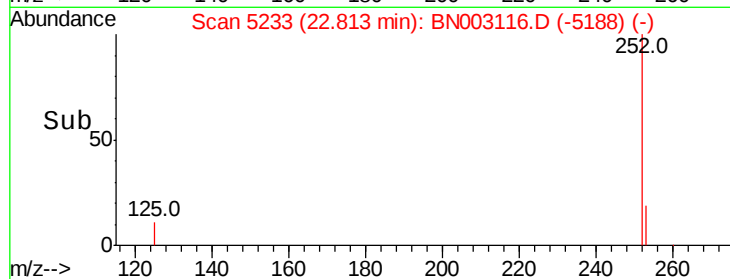
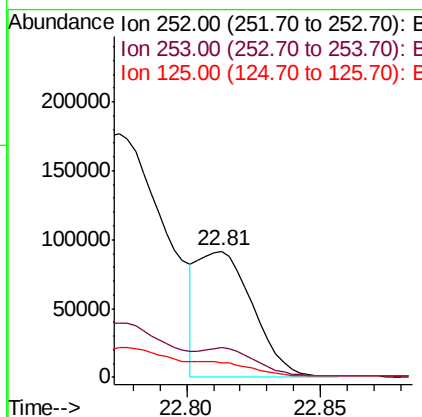
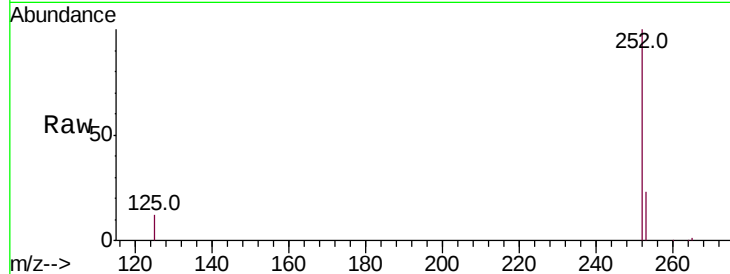
#22
Benzo(k)fluoranthene
Concen: 7.130 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Instrument :
BNA_N
ClientSampleId :
A3YY0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.3	31.9
125	11.9	14.1	21.1#

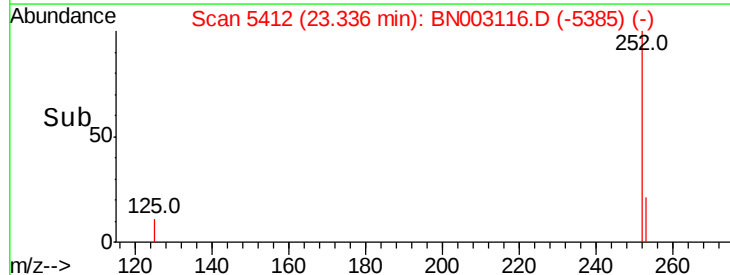
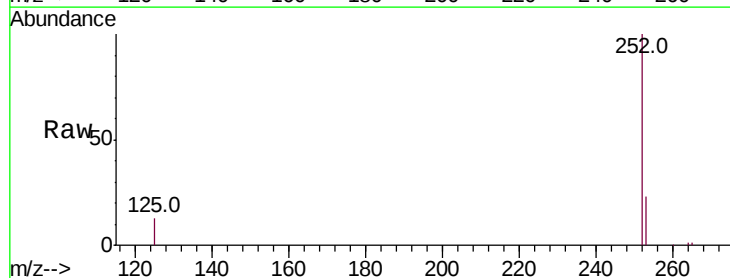
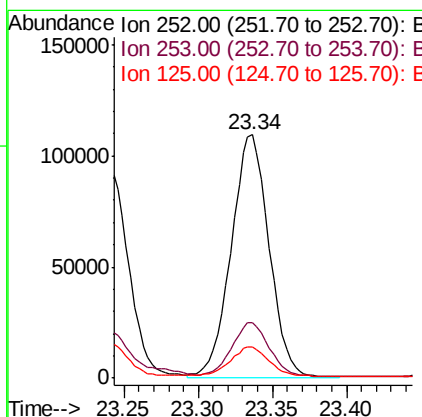
Manual Integrations
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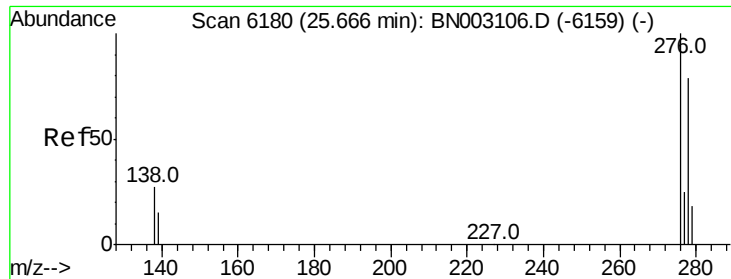
Sohil
10/12/2018 6:38:25 PM



#23
Benzo(a)pyrene
Concen: 12.097 ng/ul m
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003116.D
Acq: 11 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	23.1	34.7#
125	12.7	16.9	25.3#





#24

Indeno(1,2,3-cd)pyrene

Concen: 8.785 ng/ul m

RT: 25.64 min Scan# 6171

Delta R.T. -0.03 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

ClientSampleId :

A3YY0

Tot Ion:276 Resp: 160865

Ion Ratio Lower Upper

276 100

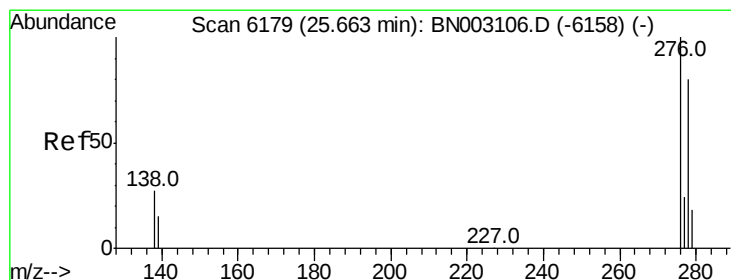
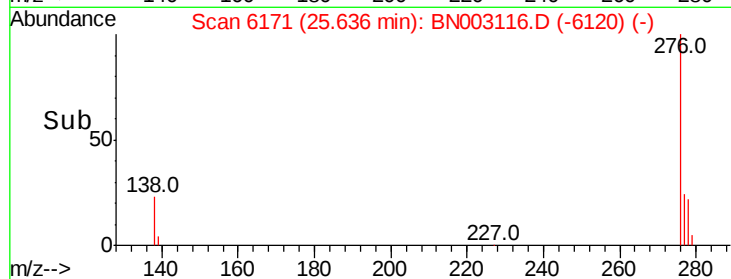
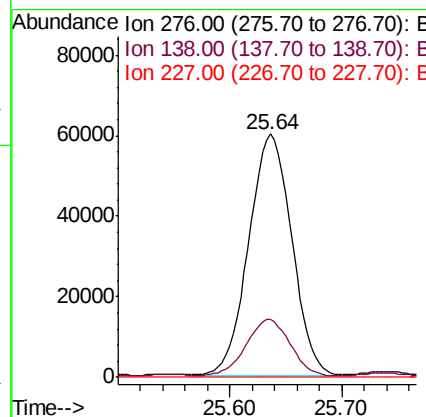
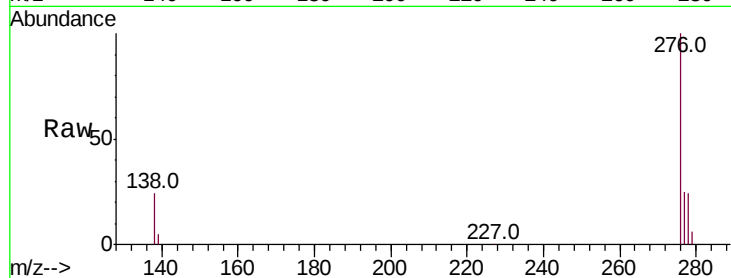
138 4.1 21.5 32.3#

227 0.0 0.3 0.5#

Manual Integrations
APPROVED

Sohil

10/12/2018 6:38:25 PM



#25

Dibenzo(a,h)anthracene

Concen: 3.292 ng/ul m

RT: 25.64 min Scan# 6171

Delta R.T. -0.03 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

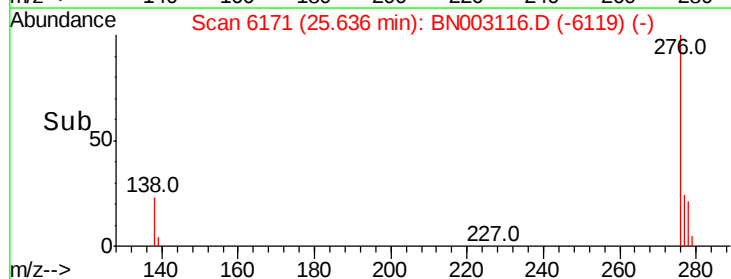
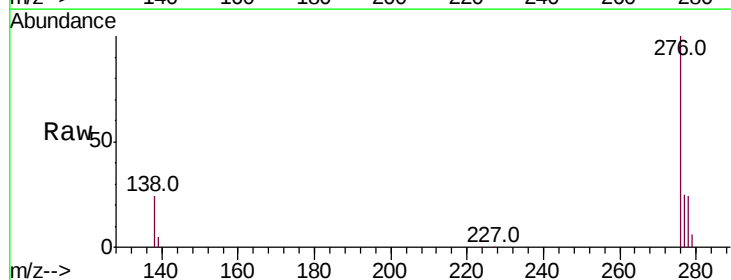
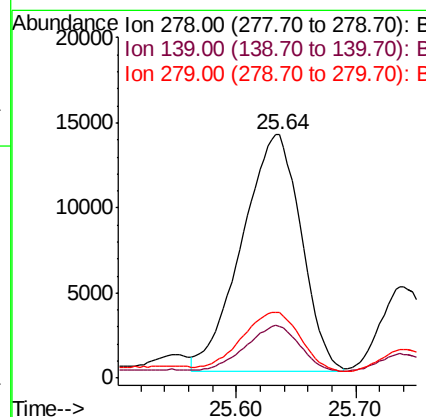
Tgt Ion:278 Resp: 48246

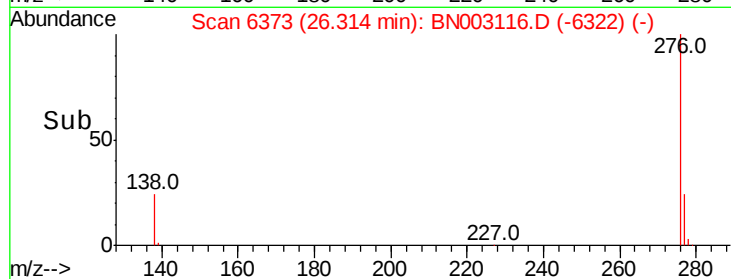
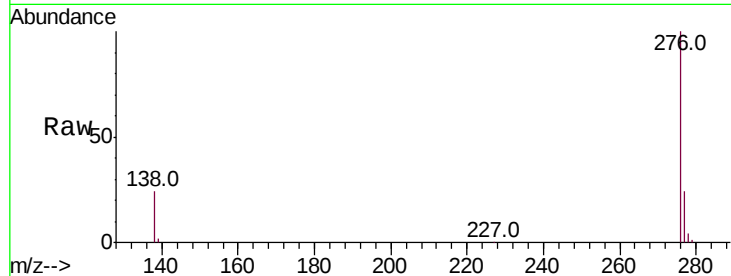
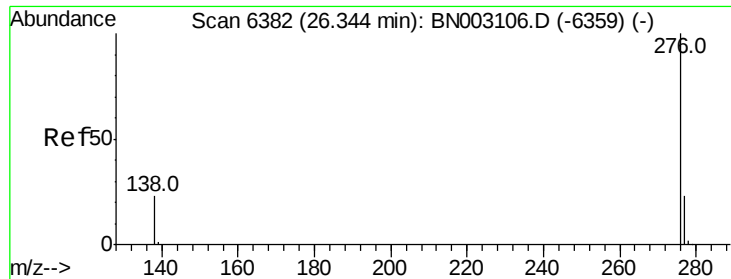
Ion Ratio Lower Upper

278 100

139 21.3 20.2 30.4

279 27.0 23.8 35.8





#26

Benzo(a,h,i)perylene

Concen: 8.638 ng/ul m

RT: 26.31 min Scan# 6373

Delta R.T. -0.03 min

Lab File: BN003116.D

Acq: 11 Oct 2018 22:57

Instrument :

BNA_N

ClientSampleId :

A3YY0

Tot Ion	Ratio	Resp	Lower	Upper
276	100	133371		
138	24.1		23.0	34.4
277	24.2		22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:25 PM

