

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003123.D
 Acq On : 12 Oct 2018 03:04
 Operator : MJ/SJ
 Sample : J5230-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z13

Manual Integrations
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 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:36:05 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 07:27:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1513	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5465	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5210m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4741m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4855	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2619	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	5072m	0.34	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	17404	1.241	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	10650	1.103	ng/ul	97
7) Acenaphthylene	13.98	152	22537	1.822	ng/ul	99
8) Acenaphthene	14.32	153	3483	0.371	ng/ul	98
9) Fluorene	15.32	166	4347	0.404	ng/ul#	98
12) Phenanthrene	17.05	178	94817m	6.529	ng/ul	
13) Anthracene	17.15	178	28307m	2.063	ng/ul	
15) Fluoranthene	19.08	202	183309m	10.759	ng/ul	
17) Pyrene	19.45	202	170394	9.254	ng/ul	96
18) Benzo(a)anthracene	21.21	228	86338m	5.659	ng/ul	
19) Chrysene	21.26	228	89364	5.768	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	132667m	7.588	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	47512m	2.621	ng/ul	
23) Benzo(a)pyrene	23.34	252	80435	5.133	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.64	276	62674	3.481	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	16746	1.162	ng/ul	99
26) Benzo(a,h,i)perylene	26.32	276	56549	3.724	ng/ul	93

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

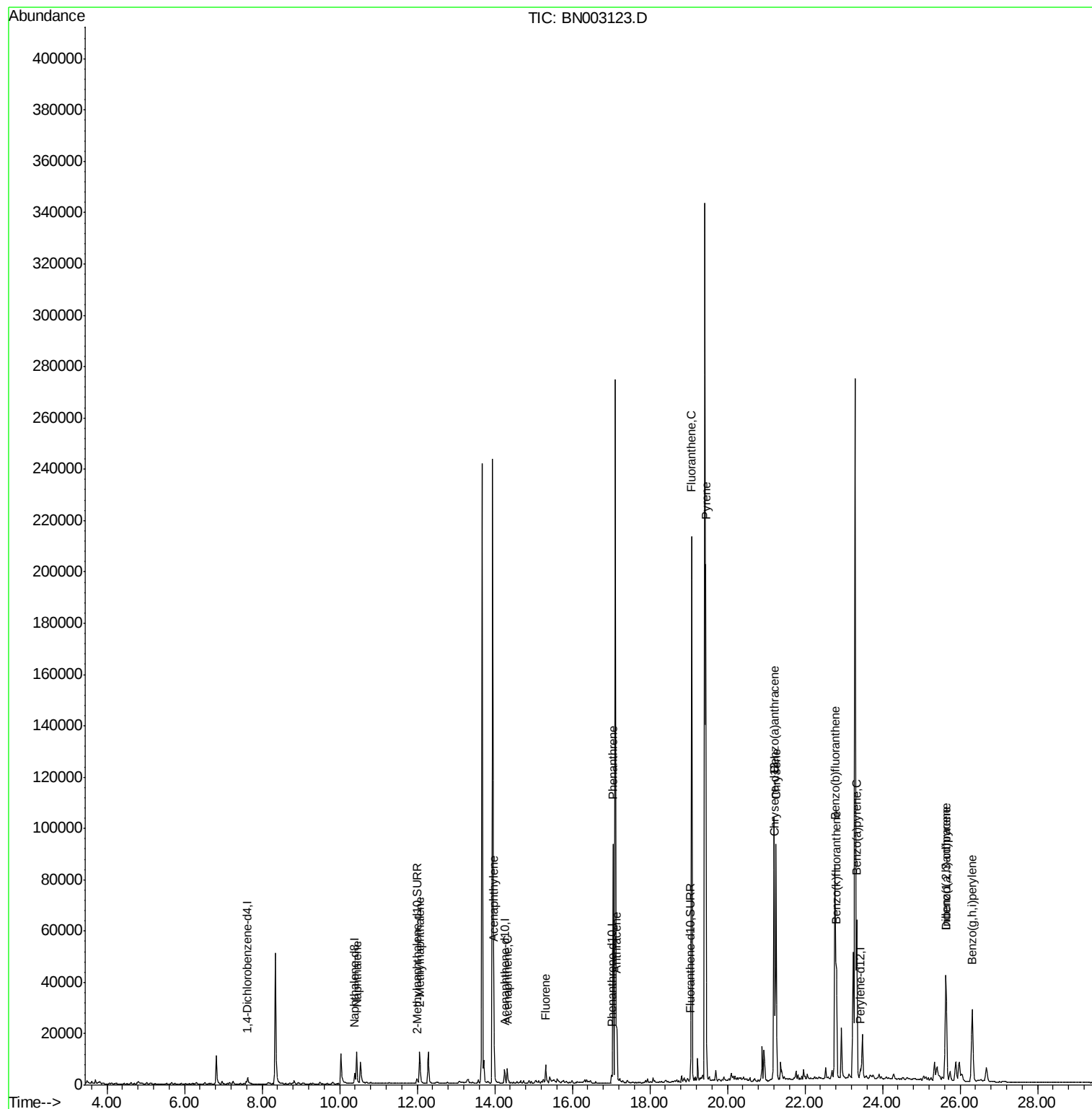
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003123.D
Acq On : 12 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5230-14
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ALS Vial : 24 Sample Multiplier: 1

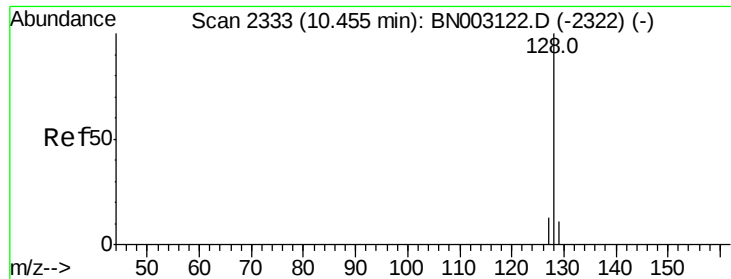
Instrument :
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Quant Time: Oct 12 07:36:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.241 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

ClientSampleId :

A3Z13

Tot Ion:128 Resp: 17404

Ion Ratio Lower Upper

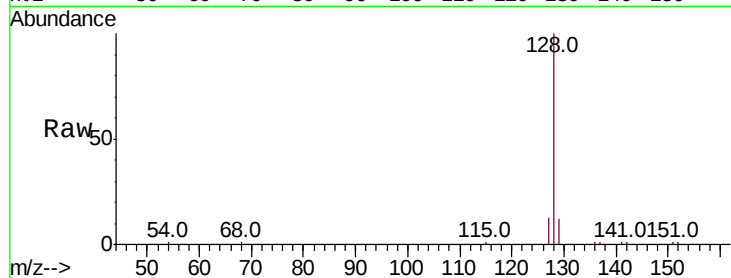
128 100

129 11.8 10.4 15.6

127 13.3 11.7 17.5

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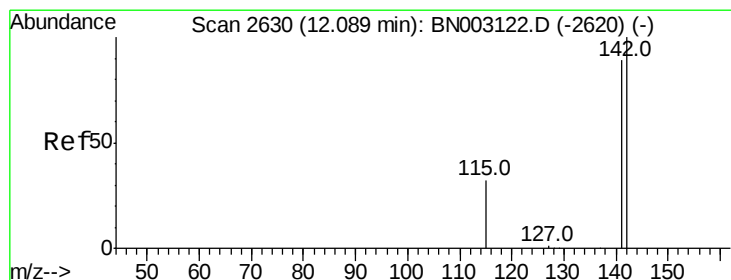
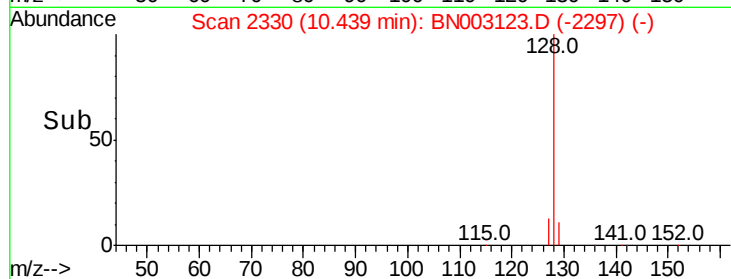
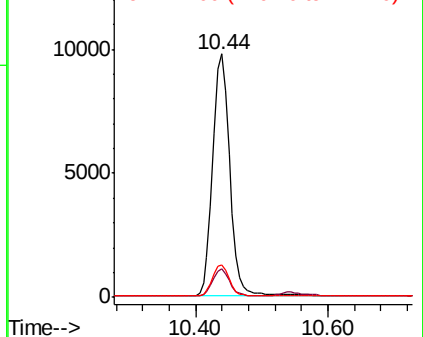
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.103 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN003123.D

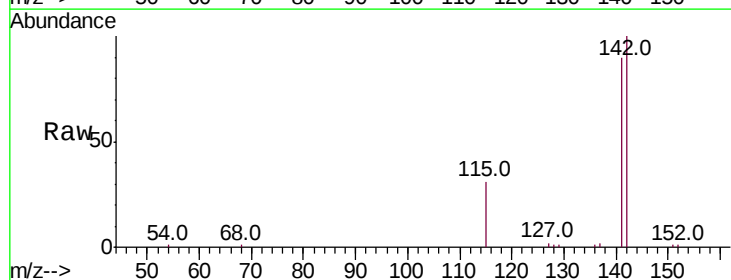
Acq: 12 Oct 2018 03:04

Tgt Ion:142 Resp: 10650

Ion Ratio Lower Upper

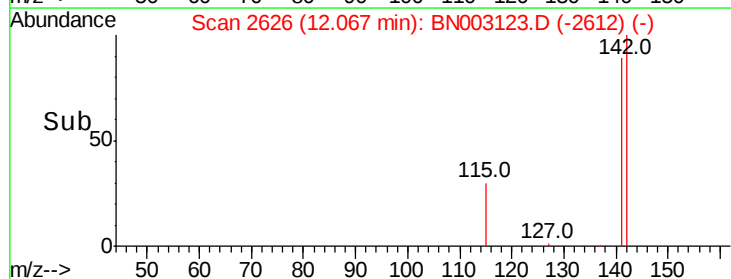
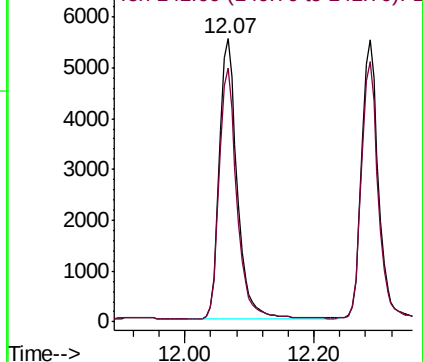
142 100

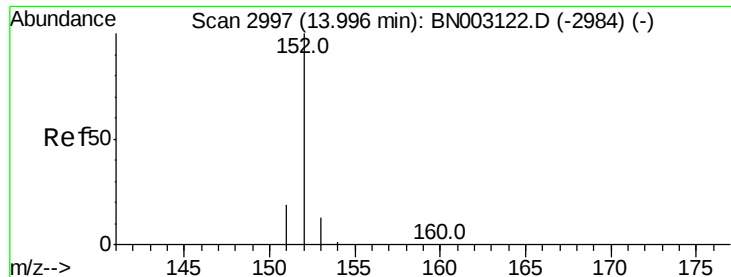
141 88.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.822 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

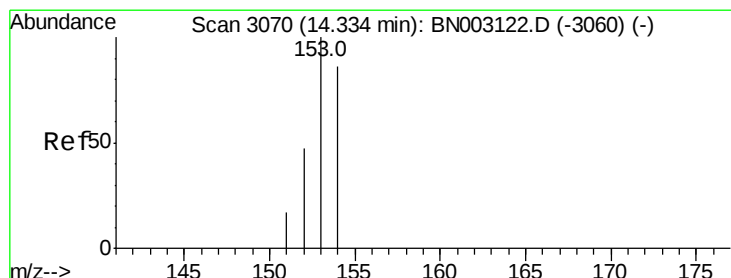
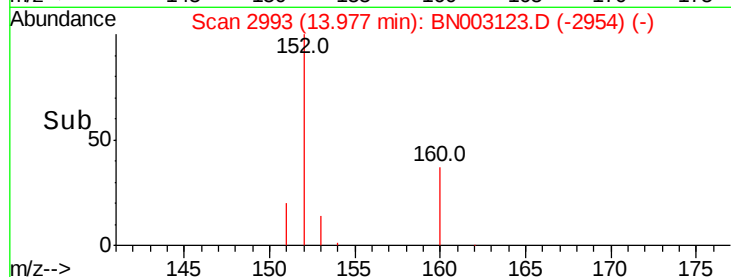
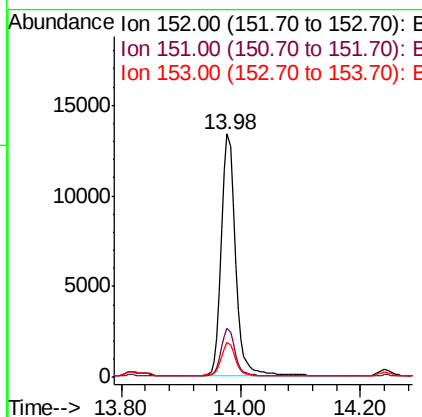
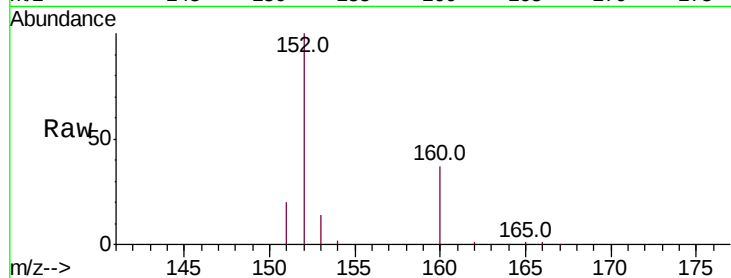
ClientSampleId :

A3Z13

Tot Ion:	152	Resp:	22537
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.5	24.7
153	14.4	11.4	17.2

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#8

Acenaphthene

Concen: 0.371 ng/ul

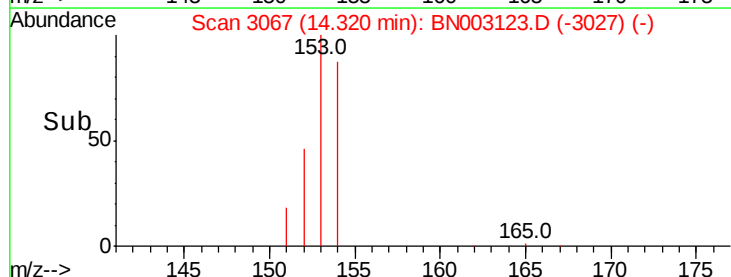
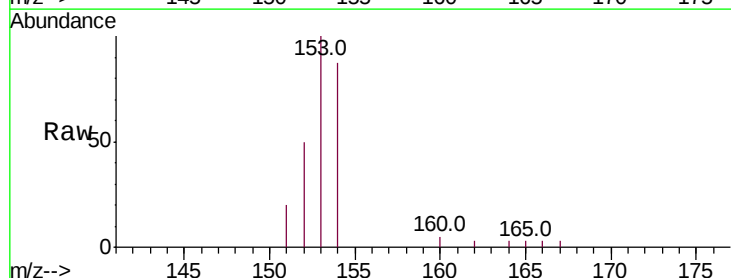
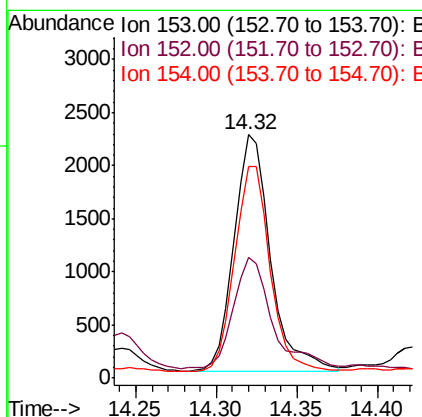
RT: 14.32 min Scan# 3067

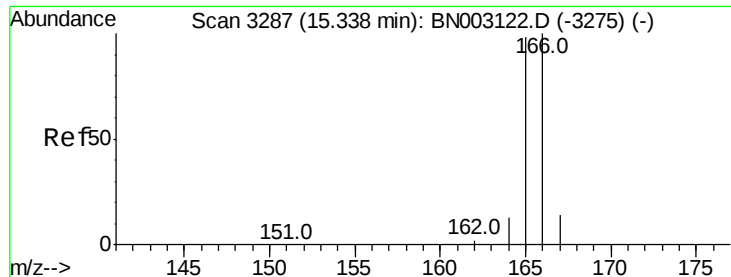
Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Tgt Ion:	153	Resp:	3483
Ion Ratio	Lower	Upper	
153	100		
152	49.8	38.2	57.4
154	87.0	70.2	105.2





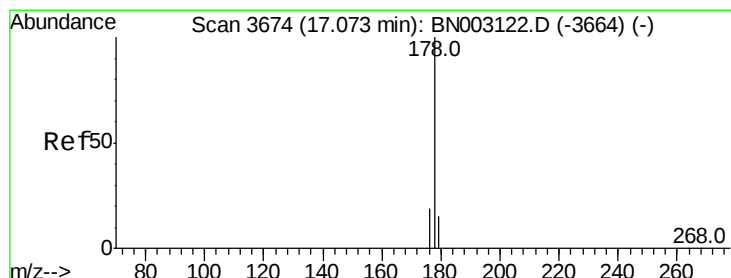
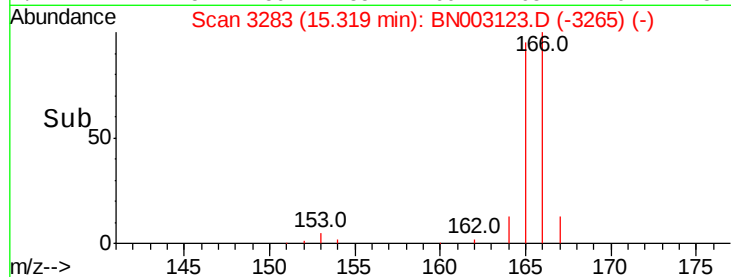
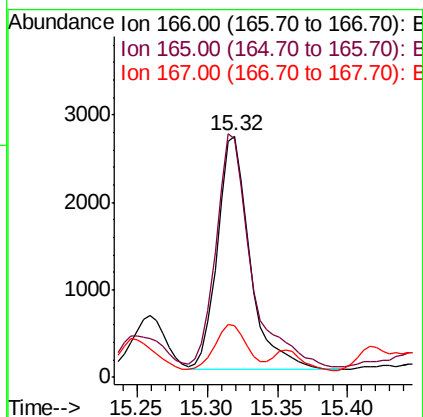
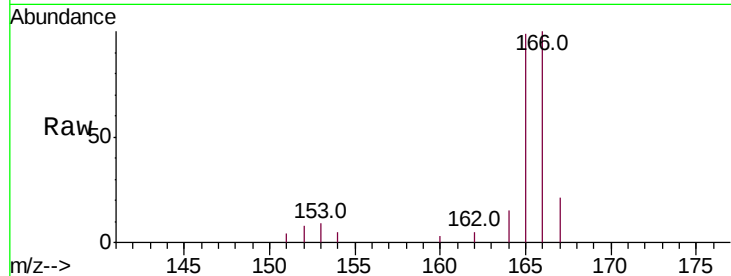
#9
Fluorene
 Concen: 0.404 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003123.D
 Acq: 12 Oct 2018 03:04

Instrument :
 BNA_N
 ClientSampleId :
 A3Z13

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.5	117.7
167	21.1	11.6	17.4#

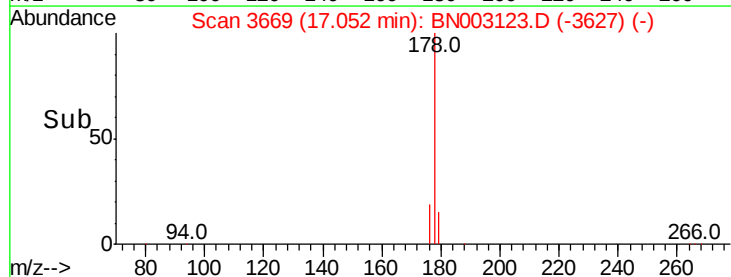
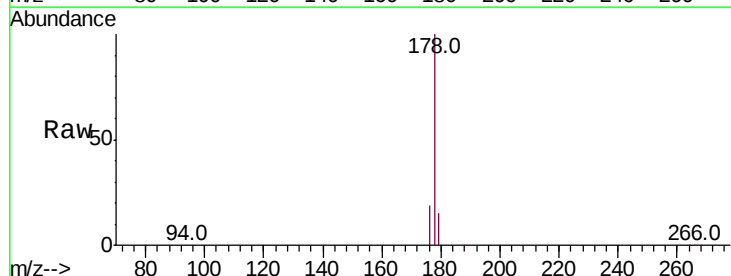
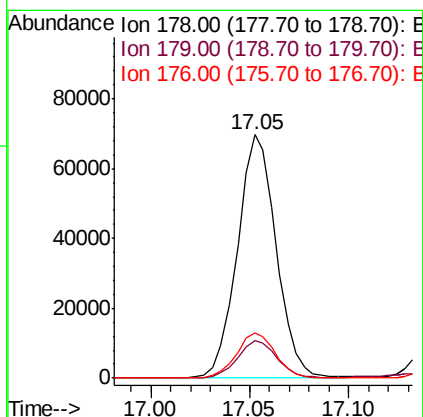
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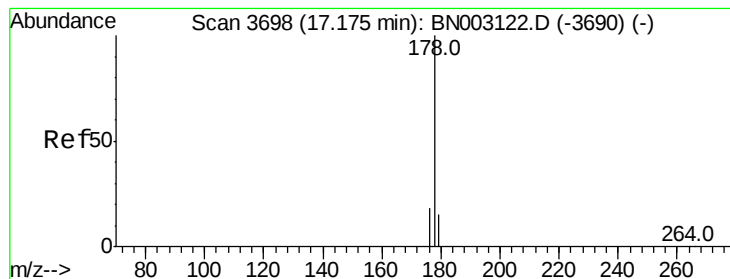
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#12
Phenanthrene
 Concen: 6.529 ng/ul m
 RT: 17.05 min Scan# 3669
 Delta R.T. -0.02 min
 Lab File: BN003123.D
 Acq: 12 Oct 2018 03:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.7	15.4	23.2





#13

Anthracene

Concen: 2.063 ng/ul m

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

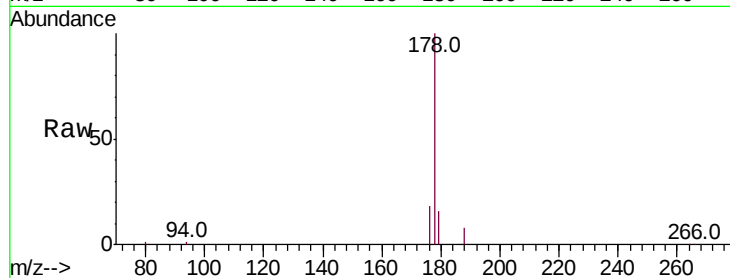
ClientSampleId :

A3Z13

Tot Ion:	178	Resp:	28307
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.0	19.6
176	18.0	15.3	22.9

Manual Integrations
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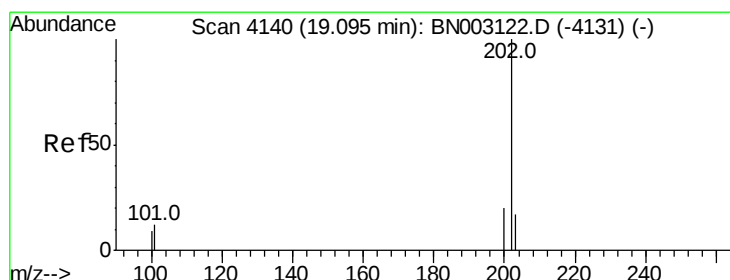
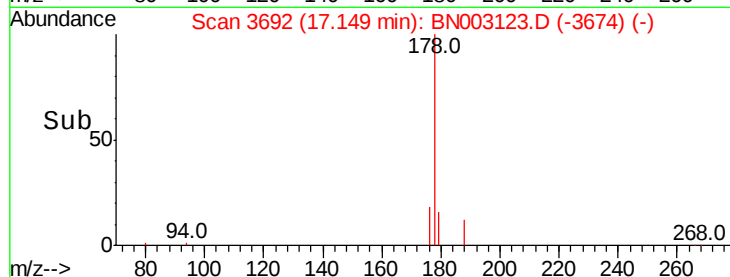
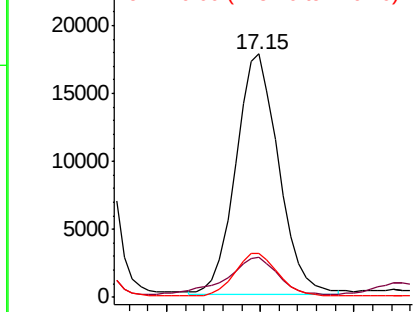


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 10.759 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

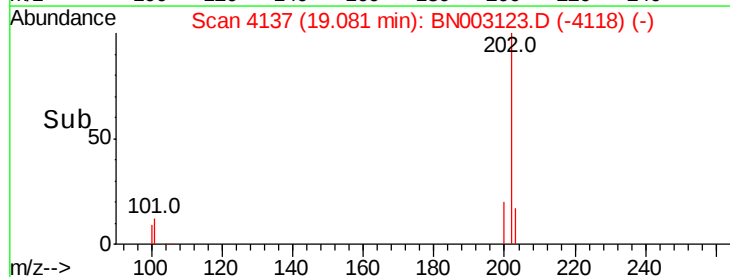
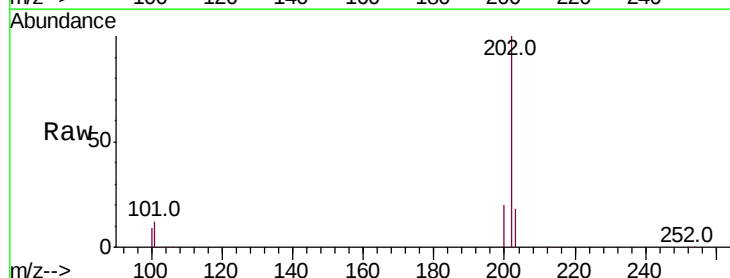
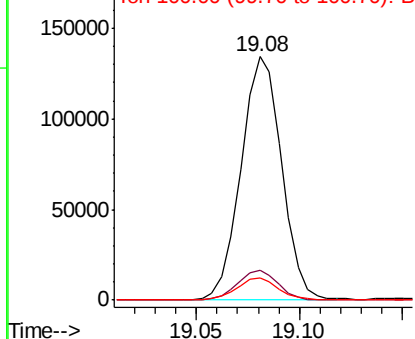
Tgt Ion:	202	Resp:	183309
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.3
100	9.1	0.0	29.1

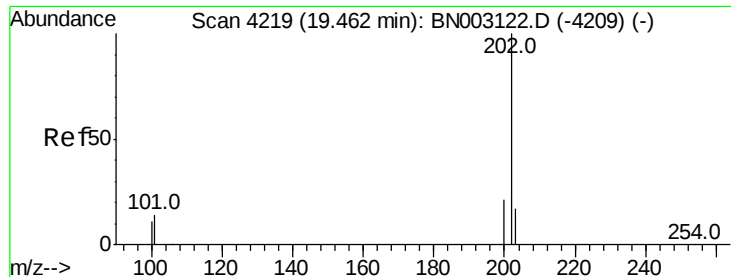
Abundance

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

Pvrene

Concen: 9.254 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

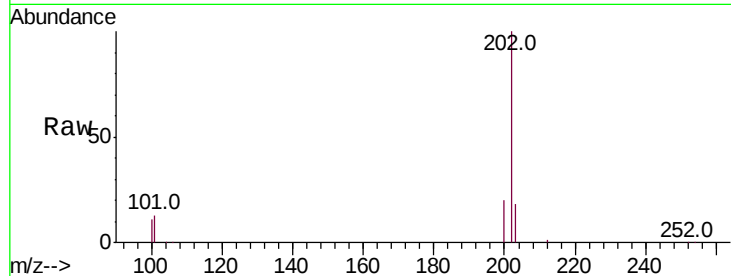
ClientSampleId :

A3Z13

Tot Ion:	202	Resp:	170394
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.9	17.9
100	10.6	9.9	14.9

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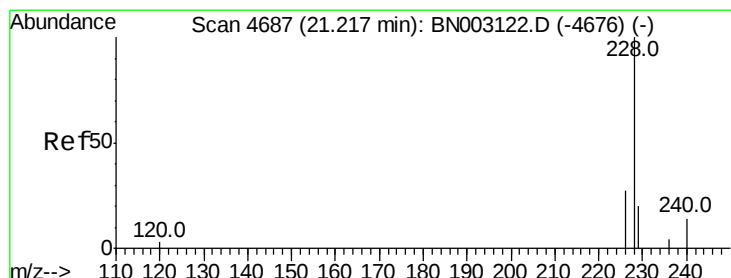
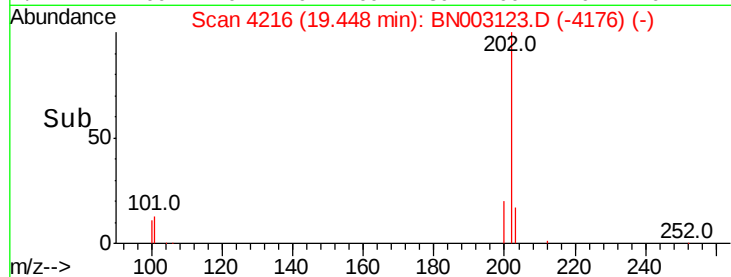
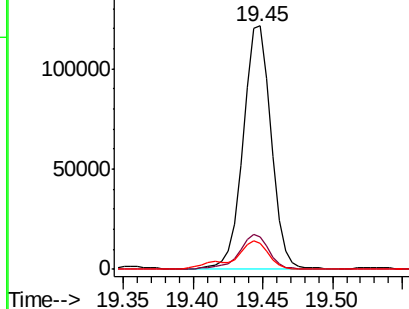
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 5.659 ng/ul m

RT: 21.21 min Scan# 4683

Delta R.T. -0.01 min

Lab File: BN003123.D

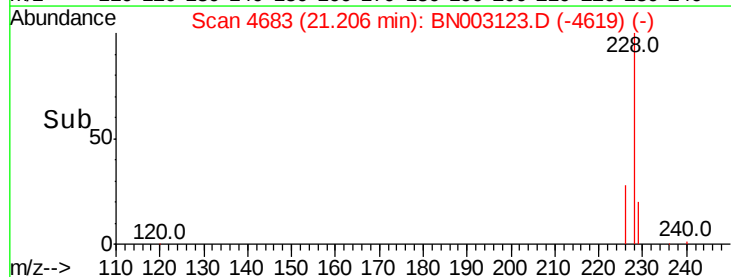
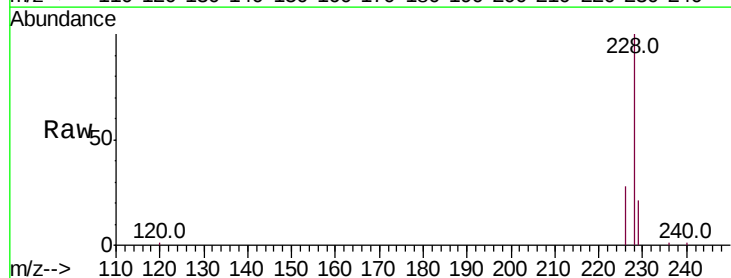
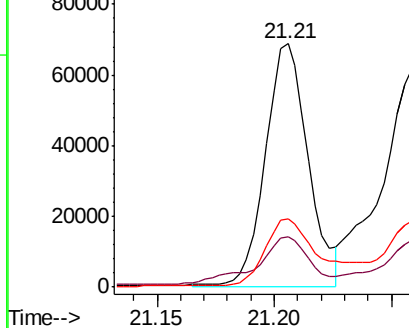
Acq: 12 Oct 2018 03:04

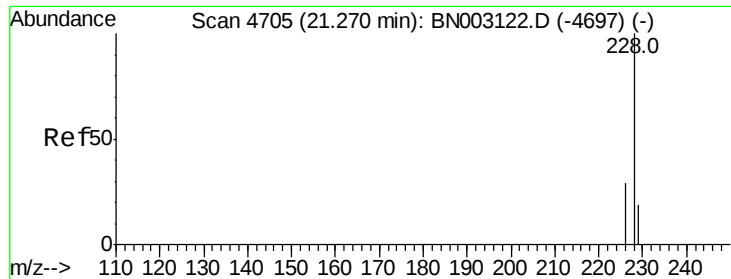
Tgt Ion:	228	Resp:	86338
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.2	24.2
226	28.2	22.3	33.5

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: 5.768 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

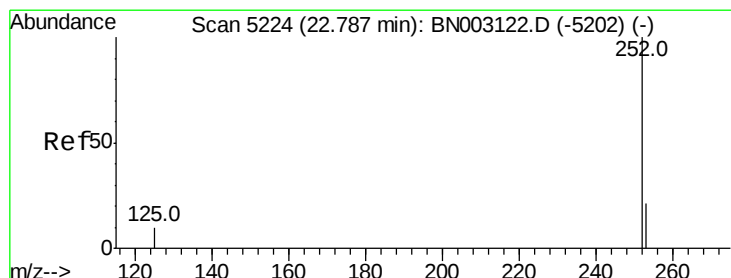
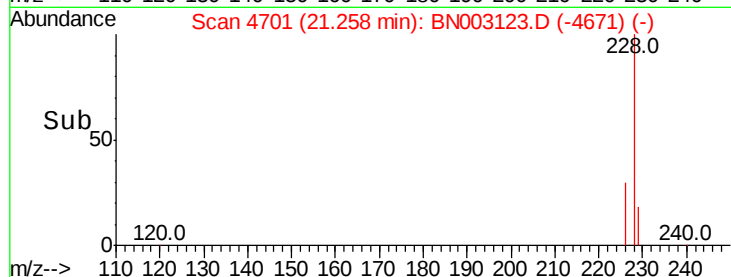
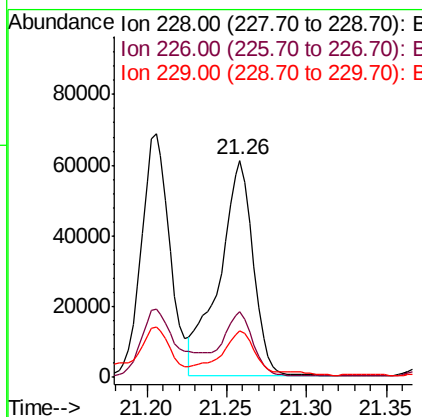
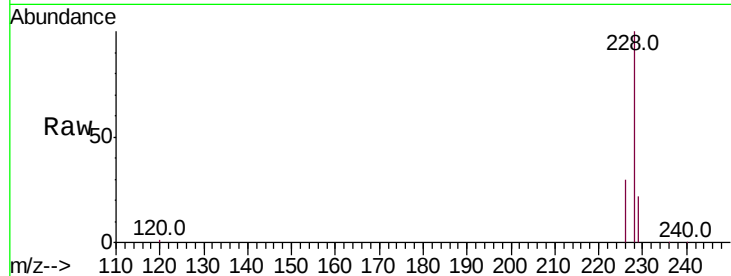
ClientSampleId :

A3Z13

Tot Ion:	228	Resp:	89364
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.2	36.4
229	21.7	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 7.588 ng/ul m

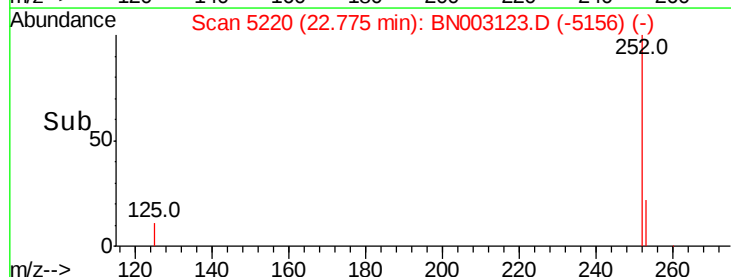
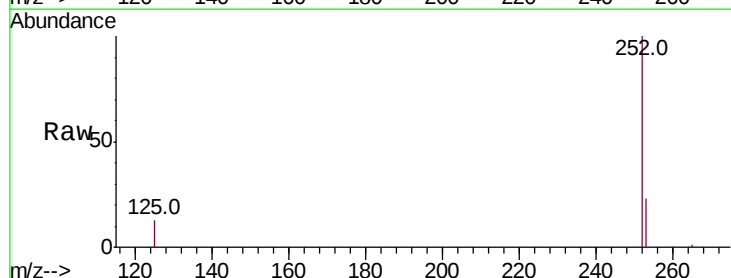
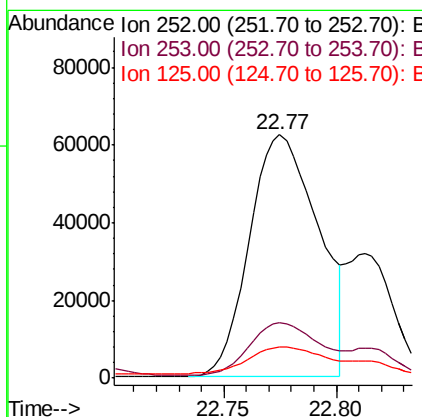
RT: 22.77 min Scan# 5220

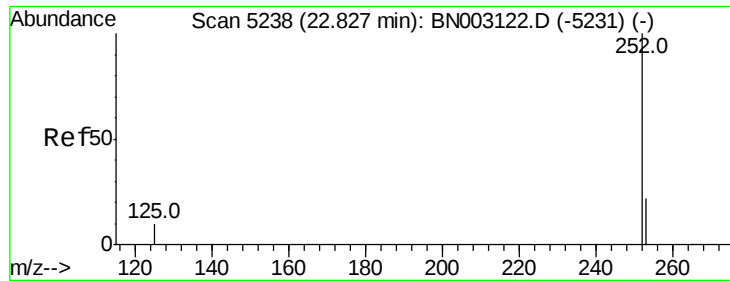
Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Tgt Ion:	252	Resp:	132667
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	53.2
125	12.8	0.0	34.2





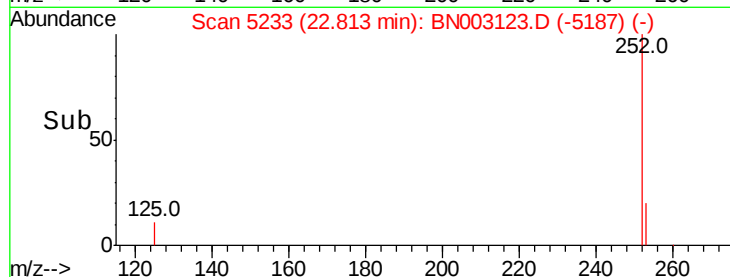
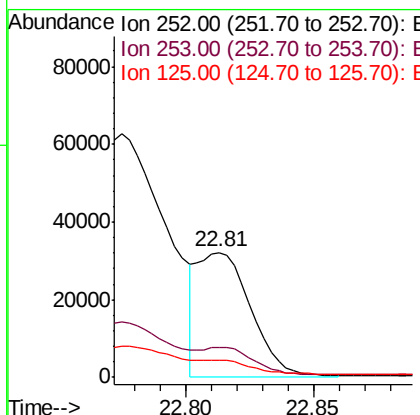
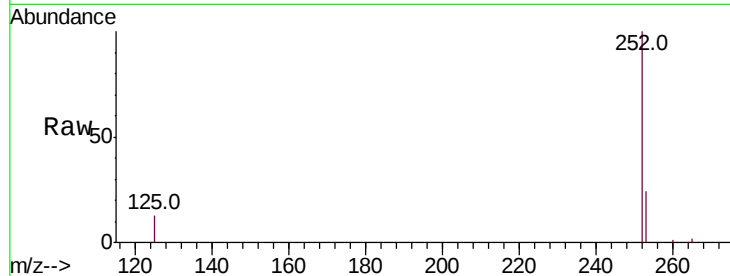
#22
Benzo(k)fluoranthene
Concen: 2.621 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Instrument :
BNA_N
ClientSampleId :
A3Z13

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.3	31.9
125	13.4	14.1	21.1#

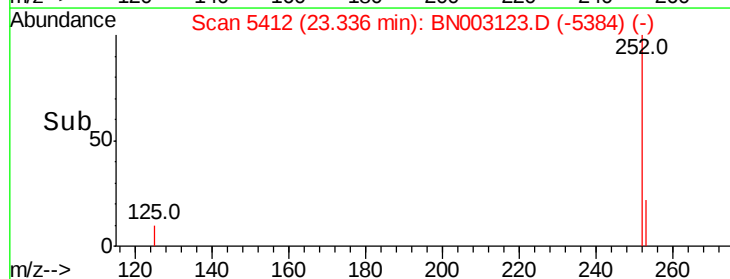
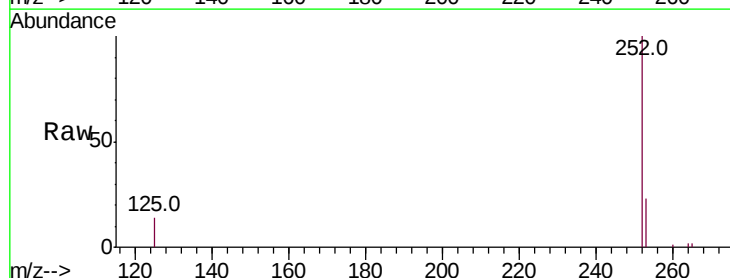
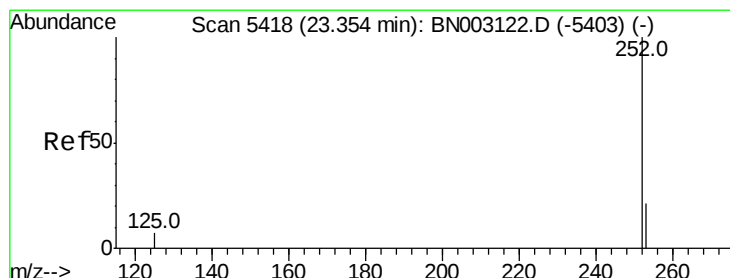
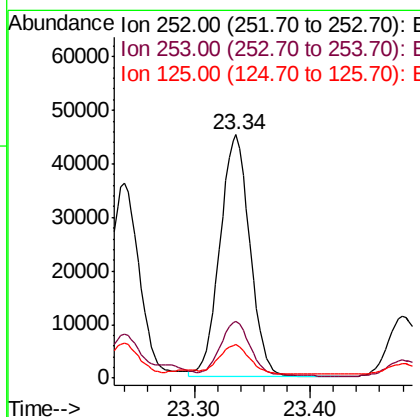
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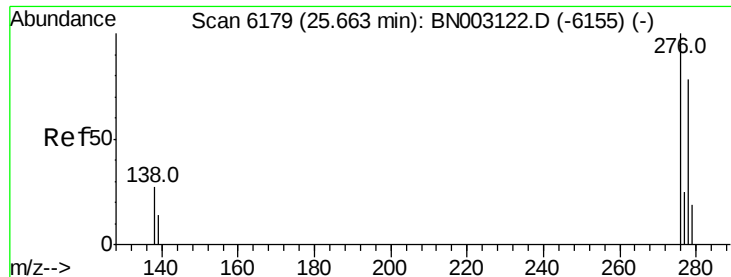
Sohil
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#23
Benzo(a)pyrene
Concen: 5.133 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	23.1	34.7
125	13.6	16.9	25.3#





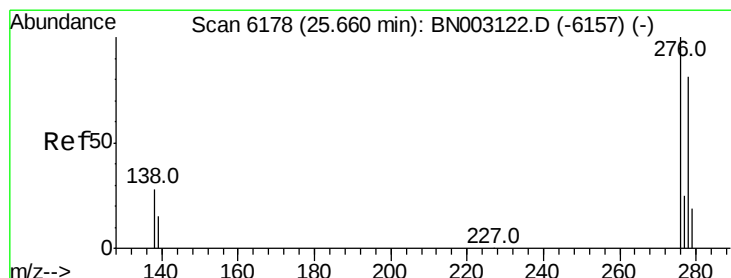
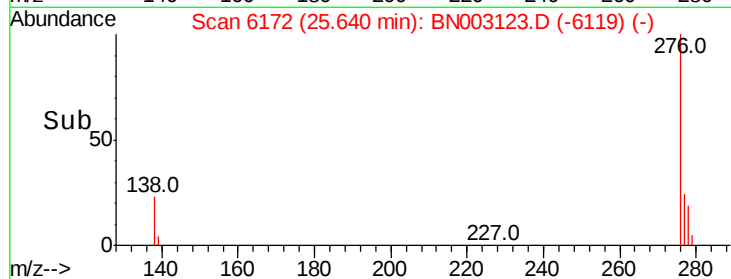
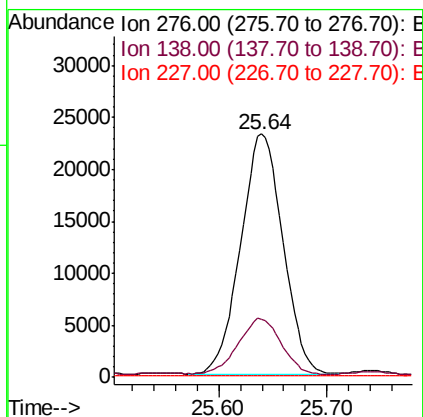
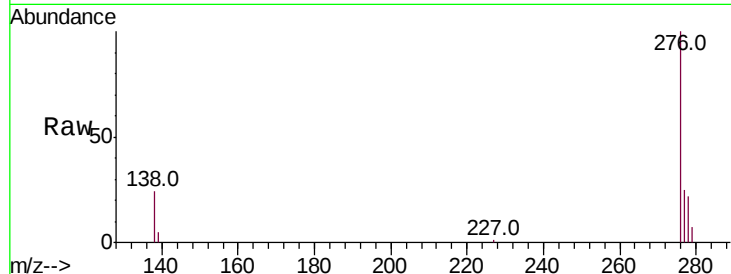
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.481 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Instrument :
BNA_N
ClientSampleId :
A3Z13

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.5	32.3
227	0.1	0.3	0.5

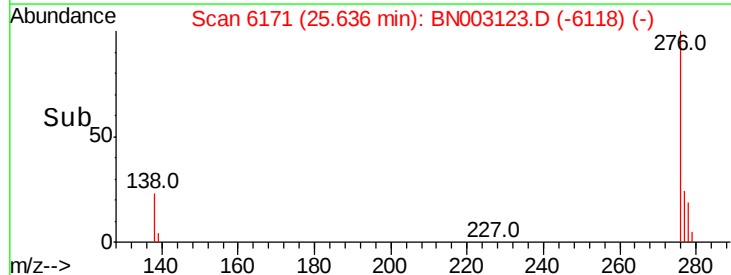
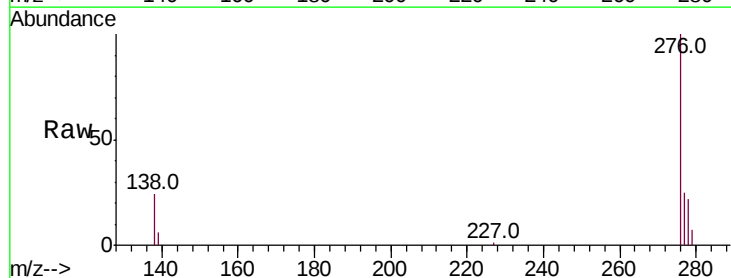
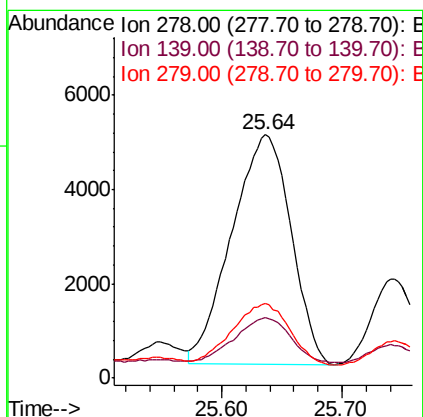
Manual Integrations
APPROVED

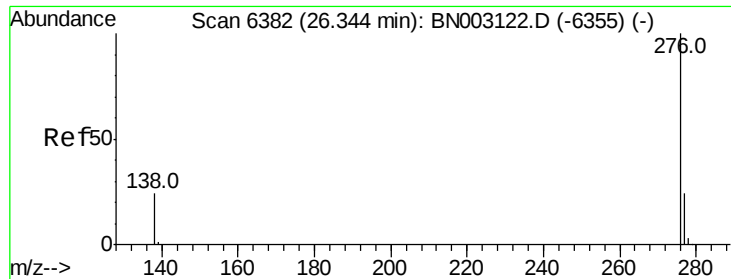
Sohil
10/12/2018 6:38:32 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.162 ng/ul
RT: 25.64 min Scan# 6171
Delta R.T. -0.02 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.0	20.2	30.4
279	30.5	23.8	35.8





#26
Benzo(a,h,i)perylene
Concen: 3.724 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.03 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Instrument :
BNA_N
ClientSampleId :
A3Z13

Tot Ion:	276	Resp:	56549
Ion Ratio	Lower	Upper	
276	100		
138	24.9	23.0	34.4
277	24.4	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:32 PM

