

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003114.D
 Acq On : 11 Oct 2018 21:47
 Operator : MJ/SJ
 Sample : J5368-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ7

Manual Integrations
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Quant Time: Oct 12 06:55:59 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	1713	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7389	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4343	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	8837m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5403m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4634m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3748	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	7384m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	952	0.050	ng/ul#	83
5) 2-Methylnaphthalene	12.08	142	634	0.049	ng/ul	98
7) Acenaphthylene	13.98	152	2051	0.103	ng/ul#	7
8) Acenaphthene	14.32	153	1100	0.073	ng/ul#	91
9) Fluorene	15.32	166	1576	0.091	ng/ul#	89
12) Phenanthrene	17.06	178	27127	1.101	ng/ul	99
13) Anthracene	17.15	178	7196m	0.309	ng/ul	
15) Fluoranthene	19.09	202	49652m	1.718	ng/ul	
17) Pyrene	19.45	202	43665	2.081	ng/ul	96
18) Benzo(a)anthracene	21.21	228	20531	1.181	ng/ul	97
19) Chrysene	21.26	228	20271	1.148	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	25401m	1.522	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	9645m	0.557	ng/ul	
23) Benzo(a)pyrene	23.34	252	18329	1.225	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.66	276	13203	0.768	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3446	0.250	ng/ul#	66
26) Benzo(a,h,i)perylene	26.33	276	11673	0.805	ng/ul	98

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

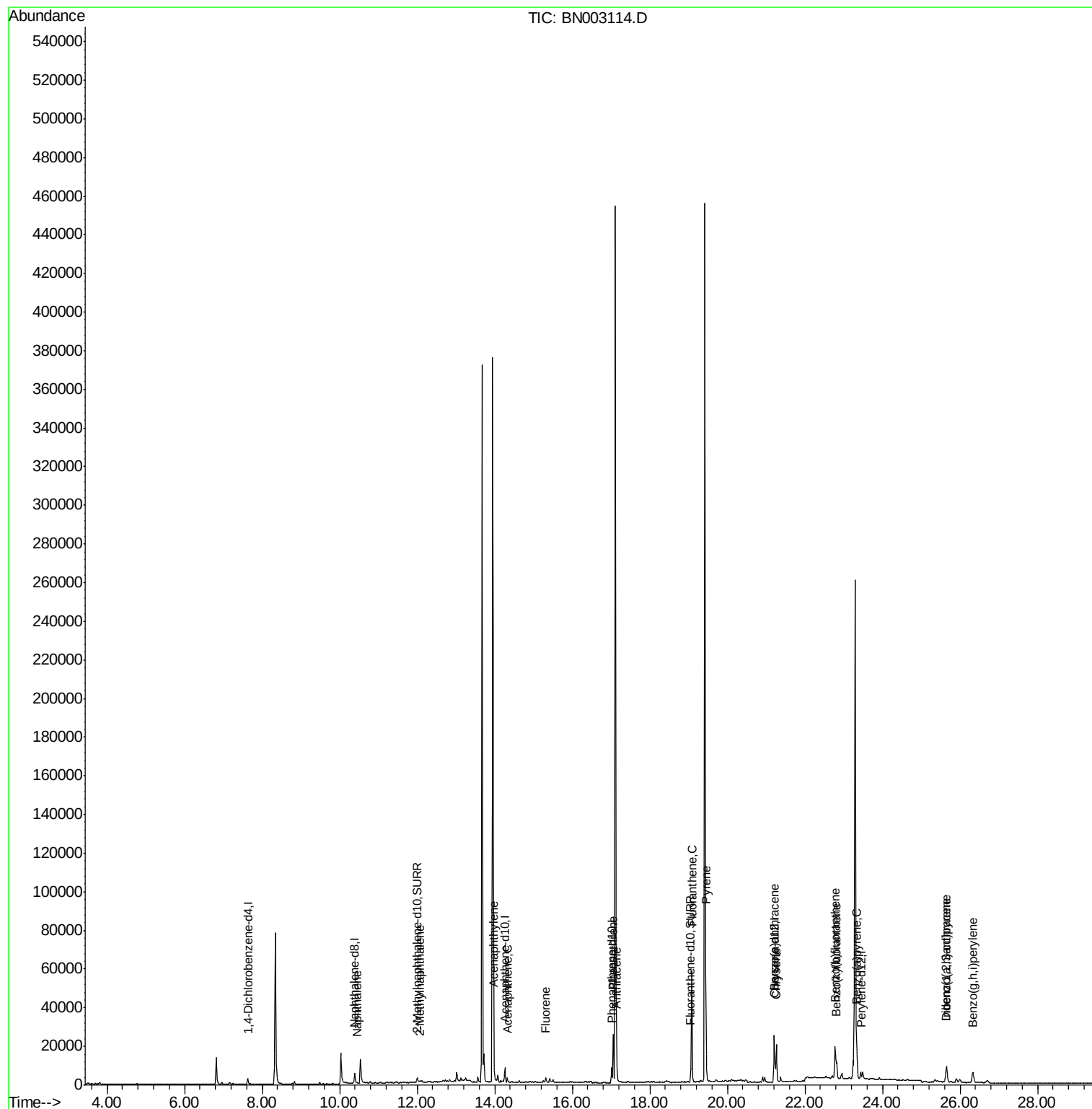
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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ALS Vial : 16 Sample Multiplier: 1

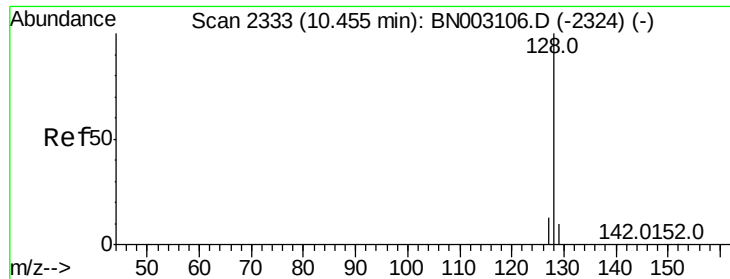
Instrument :
BNA_N
ClientSampleId :
A3YZ7

Quant Time: Oct 12 06:55:59 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

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#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

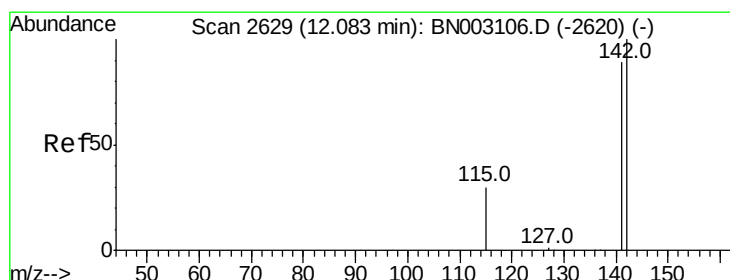
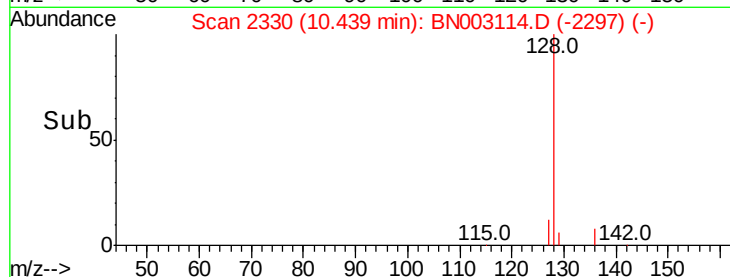
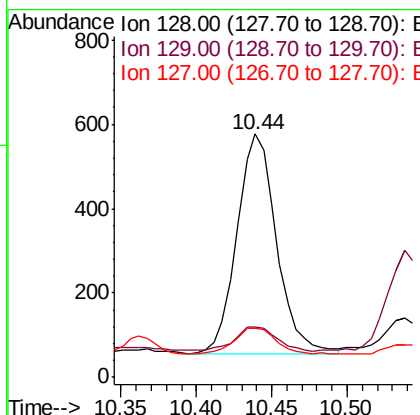
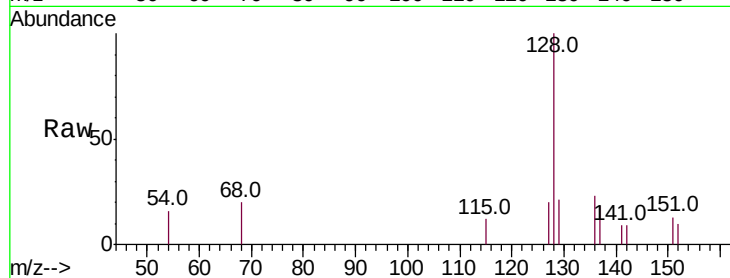
ClientSampled :

A3YZ7

Tot Ion:	128	Resp:	952
Ion Ratio	Lower	Upper	
128	100		
129	21.0	10.4	15.6#
127	20.3	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.049 ng/ul

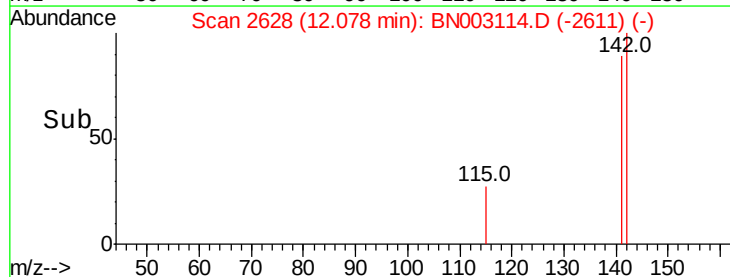
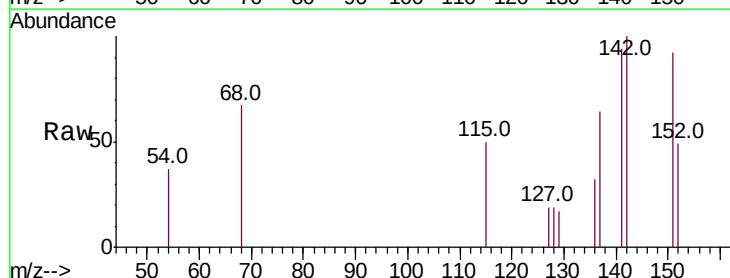
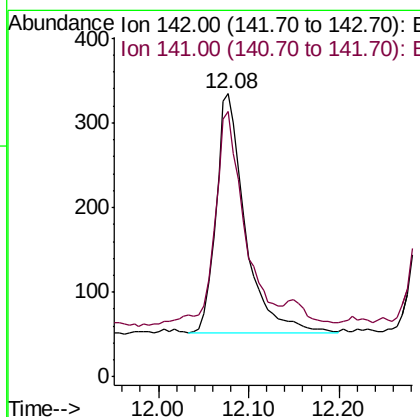
RT: 12.08 min Scan# 2628

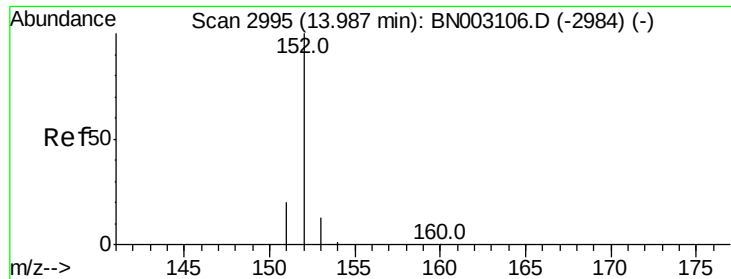
Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Tgt Ion:	142	Resp:	634
Ion Ratio	Lower	Upper	
142	100		
141	93.4	73.4	110.0





#7

Acenaphthylene

Concen: 0.103 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

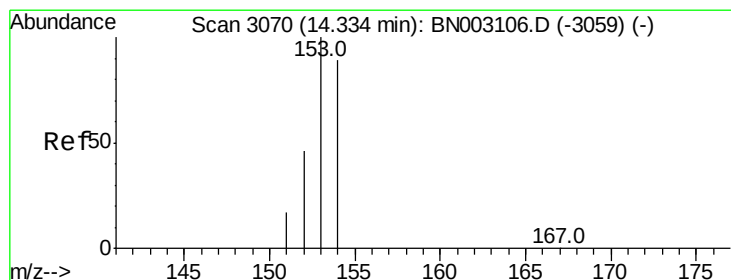
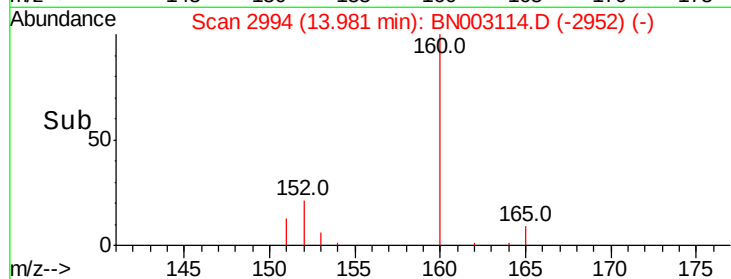
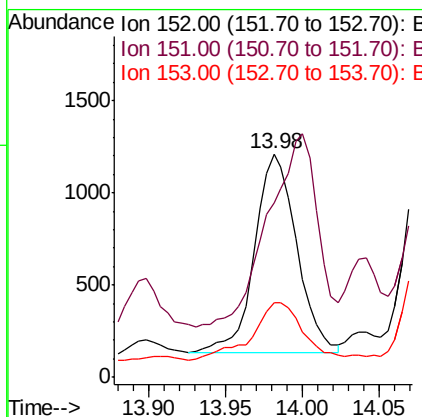
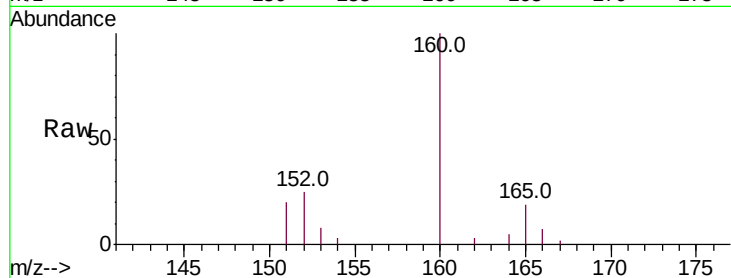
ClientSampleId :

A3YZ7

Tot Ion:	152	Resp:	2051
Ion Ratio	Lower	Upper	
152	100		
151	78.3	16.5	24.7#
153	33.6	11.4	17.2#

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#8

Acenaphthene

Concen: 0.073 ng/ul

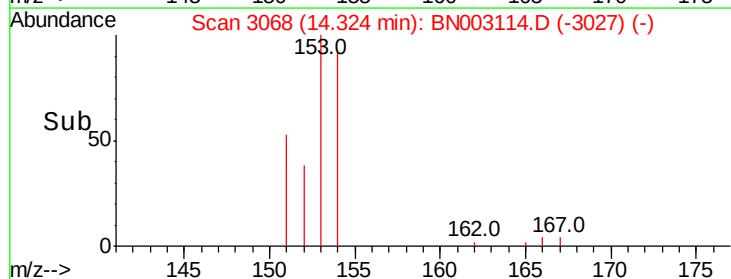
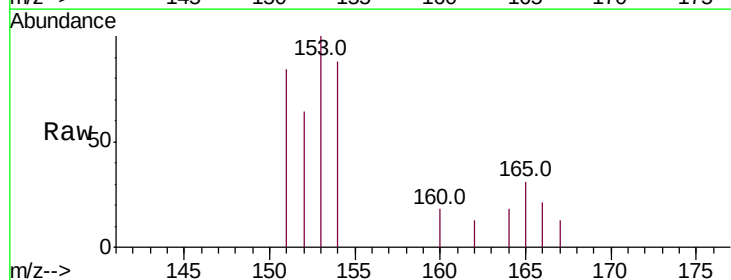
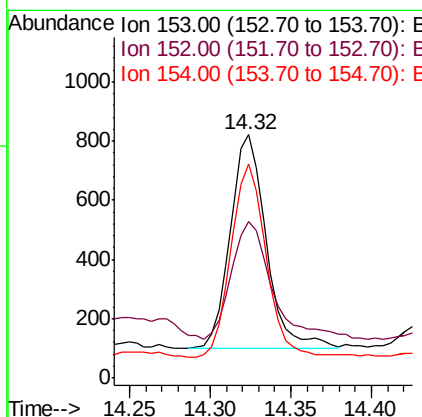
RT: 14.32 min Scan# 3068

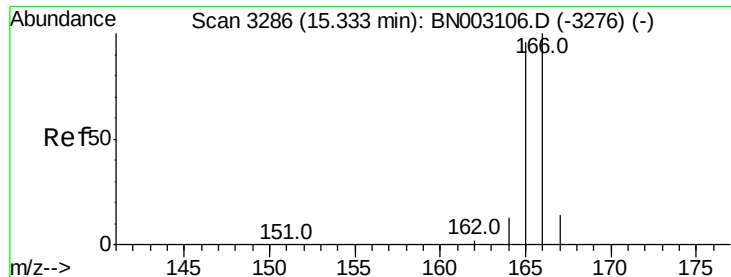
Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Tgt Ion:	153	Resp:	1100
Ion Ratio	Lower	Upper	
153	100		
152	64.2	38.2	57.4#
154	88.0	70.2	105.2





#9

Fluorene

Concen: 0.091 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

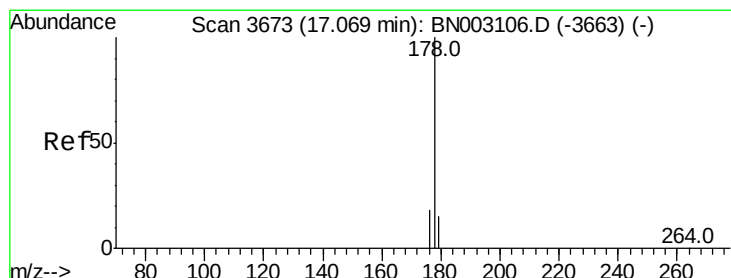
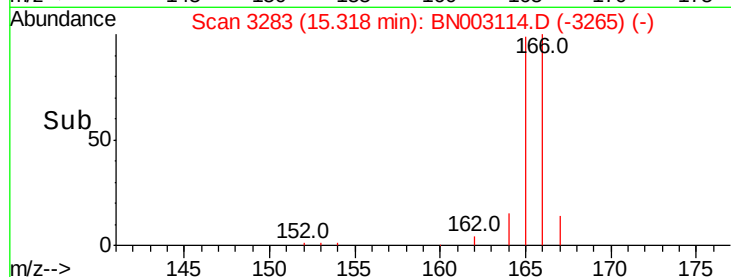
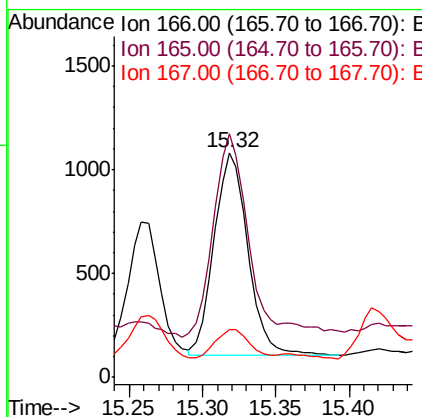
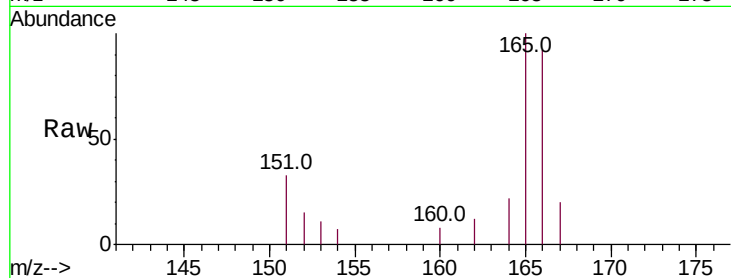
ClientSampled :

A3YZ7

Tot Ion:	166	Resp:	1576
Ion Ratio	Lower	Upper	
166	100		
165	108.3	78.5	117.7
167	21.3	11.6	17.4#

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#12

Phenanthrene

Concen: 1.101 ng/ul

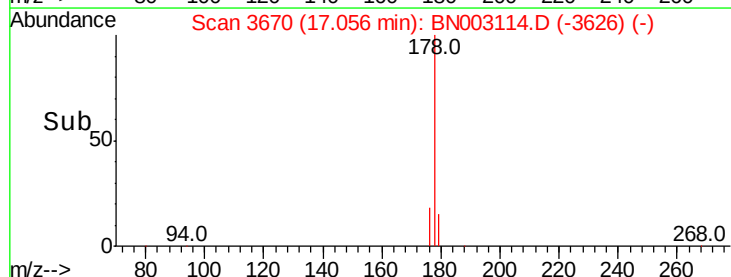
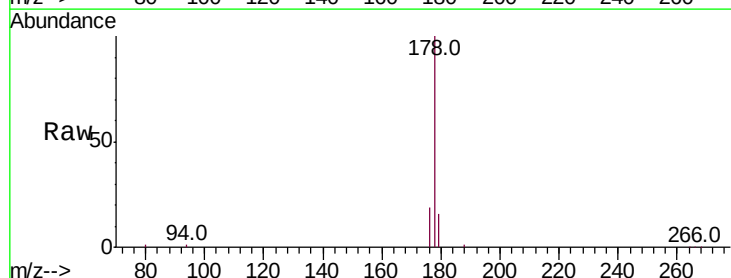
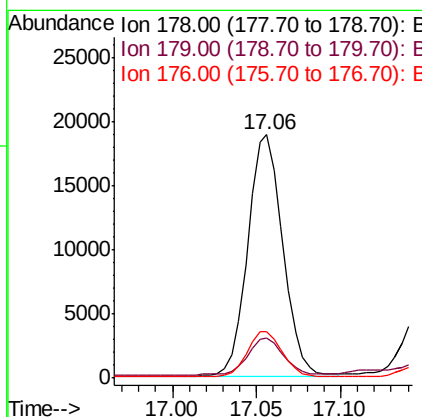
RT: 17.06 min Scan# 3670

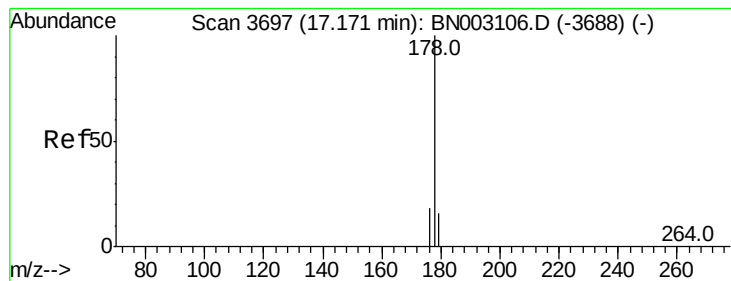
Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Tgt Ion:	178	Resp:	27127
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.9	19.3
176	18.8	15.4	23.2





#13

Anthracene

Concen: 0.309 ng/ul m

RT: 17.15 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

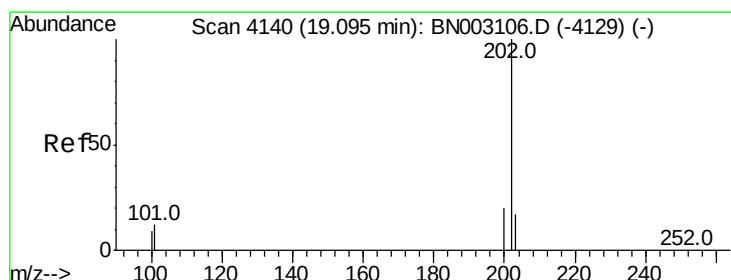
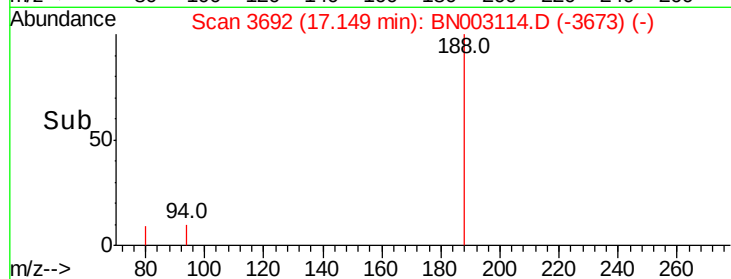
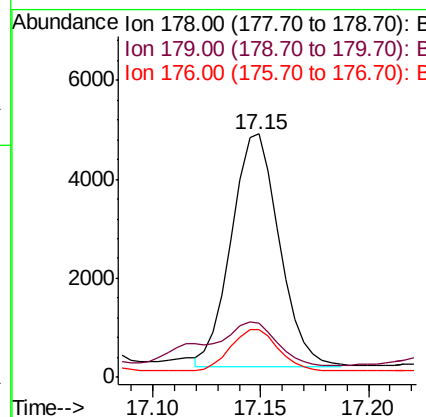
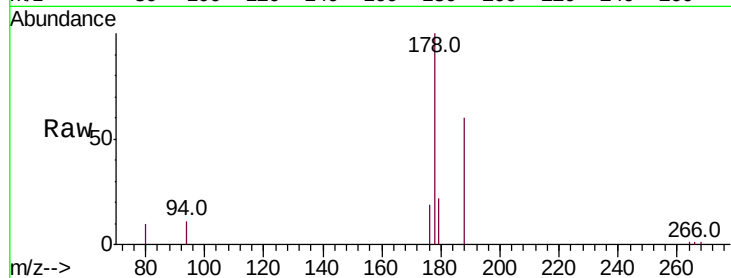
ClientSampled :

A3YZ7

Tot Ion:	178	Resp:	7196
Ion Ratio	Lower	Upper	
178	100		
179	22.3	13.0	19.6#
176	19.5	15.3	22.9

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#15

Fluoranthene

Concen: 1.718 ng/ul m

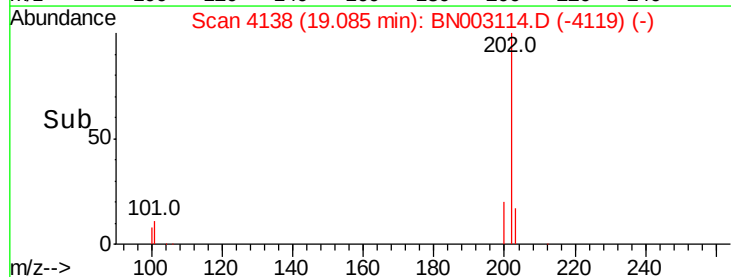
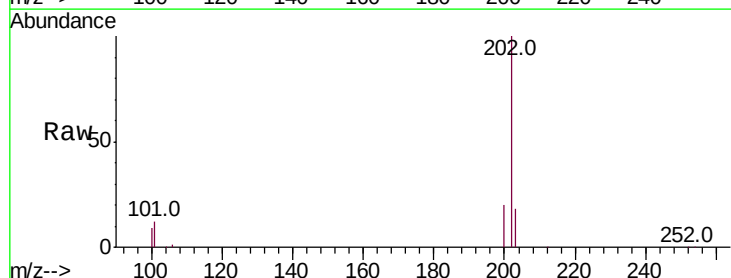
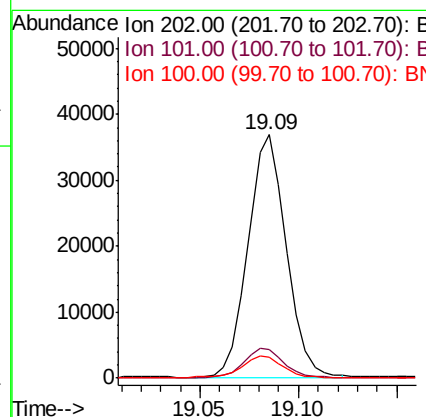
RT: 19.09 min Scan# 4138

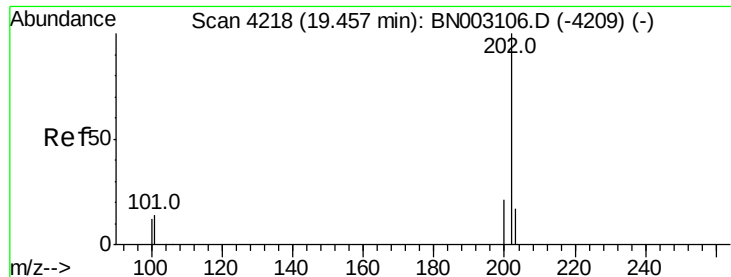
Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Tgt Ion:	202	Resp:	49652
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.3
100	8.7	0.0	29.1





#17

Pvrene

Concen: 2.081 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

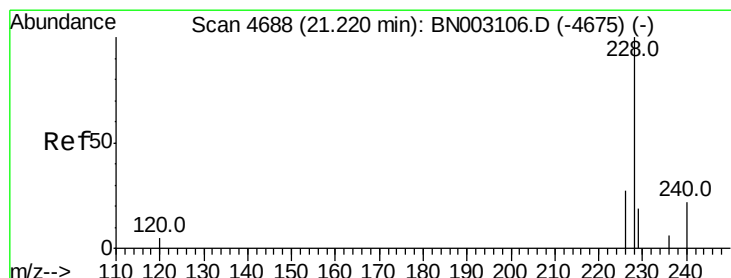
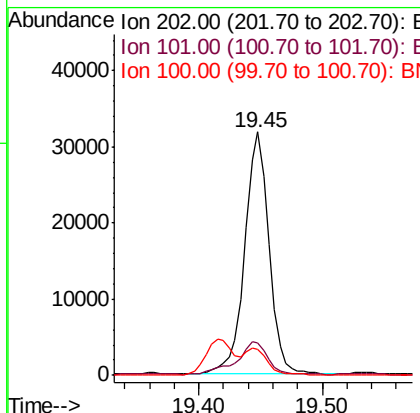
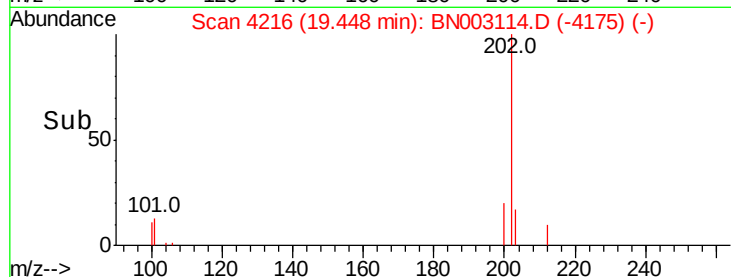
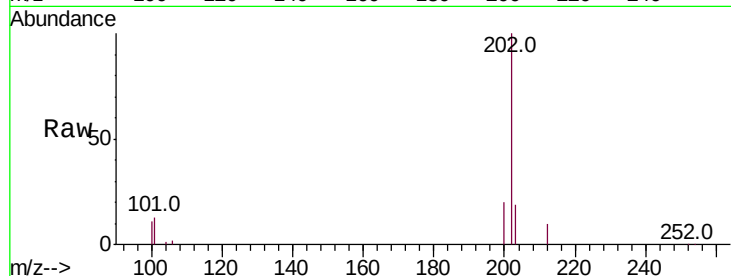
ClientSampleId :

A3YZ7

Tot Ion:	202	Resp:	43665
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.9	17.9
100	10.9	9.9	14.9

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#18

Benzo(a)anthracene

Concen: 1.181 ng/ul

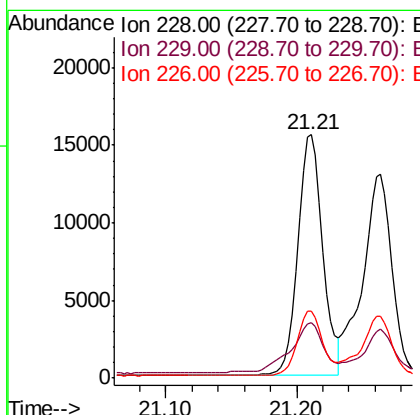
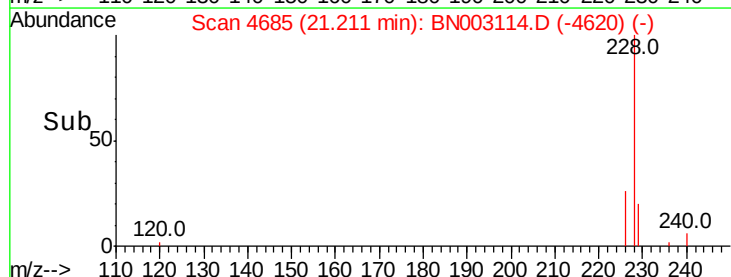
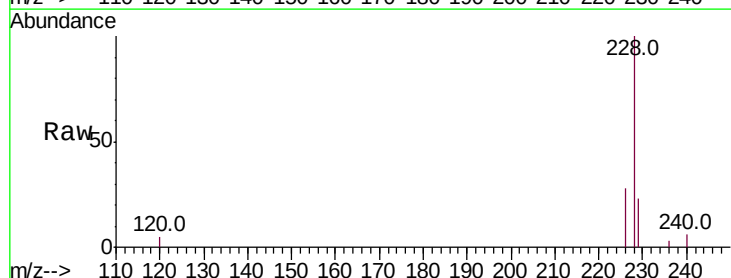
RT: 21.21 min Scan# 4685

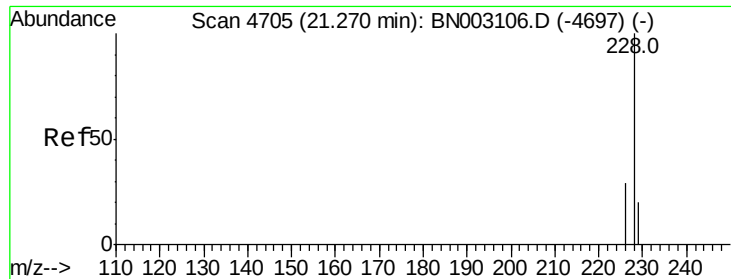
Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Tgt Ion:	228	Resp:	20531
Ion Ratio	Lower	Upper	
228	100		
229	22.6	16.2	24.2
226	27.5	22.3	33.5





#19

Chrysene

Concen: 1.148 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

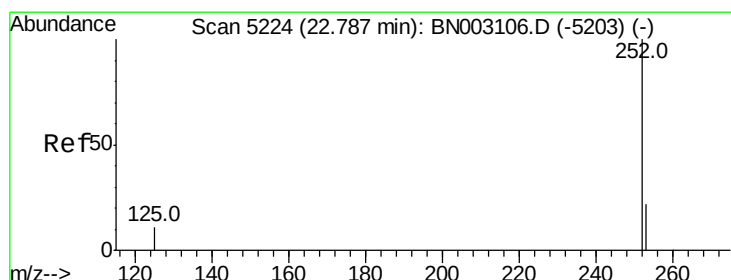
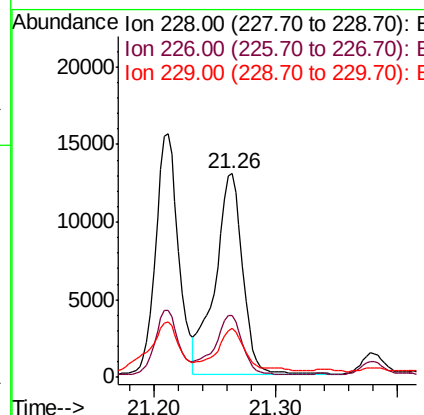
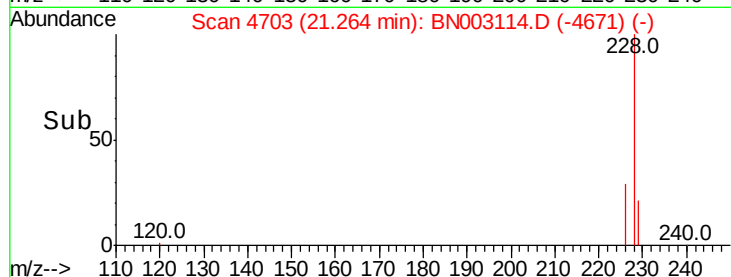
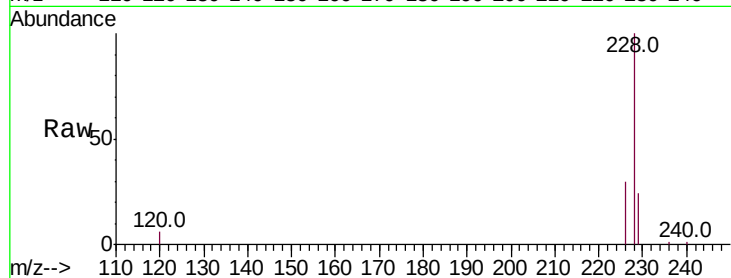
ClientSampleId :

A3YZ7

Tot Ion:228	Resp:	20271
Ion Ratio	Lower	Upper
228 100		
226 30.3	24.2	36.4
229 23.9	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 1.522 ng/ul m

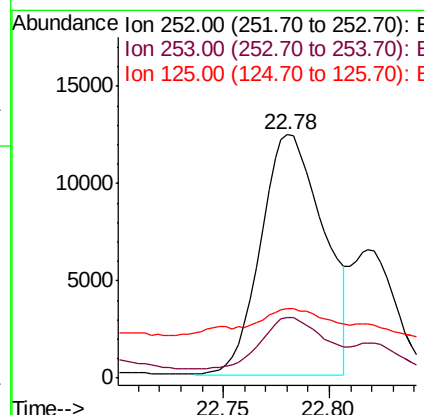
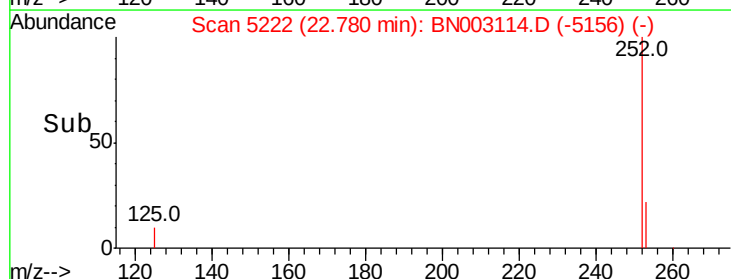
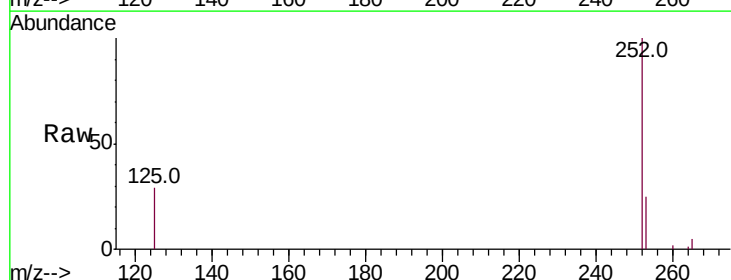
RT: 22.78 min Scan# 5222

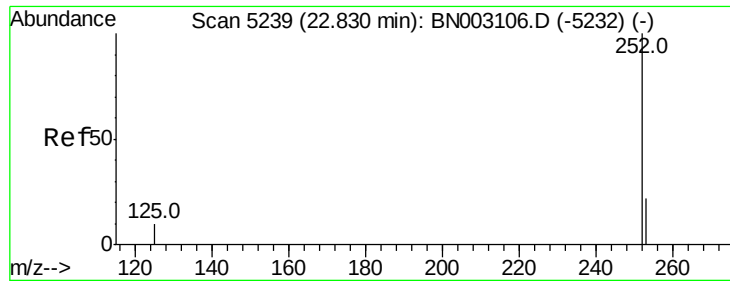
Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Tgt Ion:252	Resp:	25401
Ion Ratio	Lower	Upper
252 100		
253 24.7	0.0	53.2
125 28.8	0.0	34.2





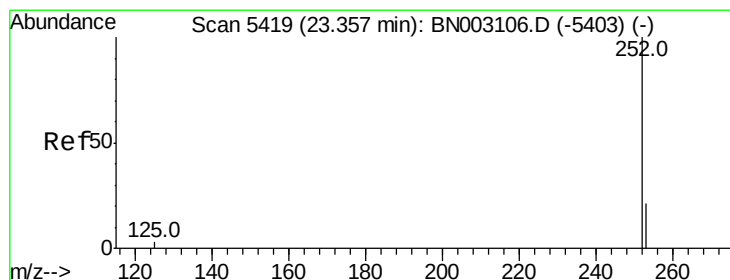
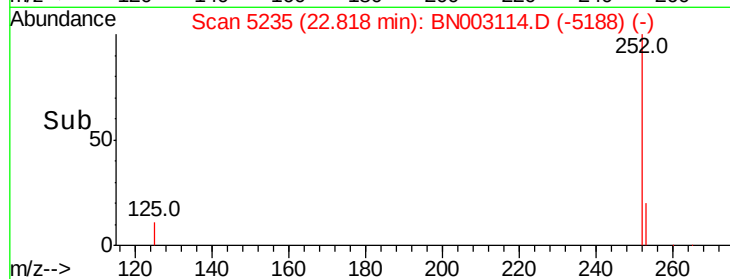
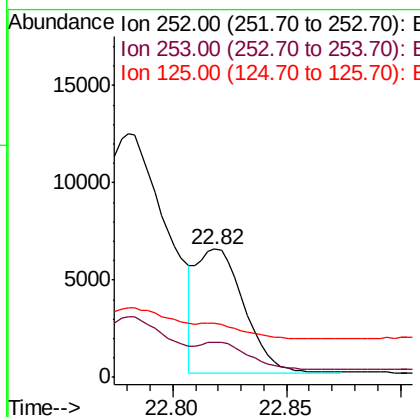
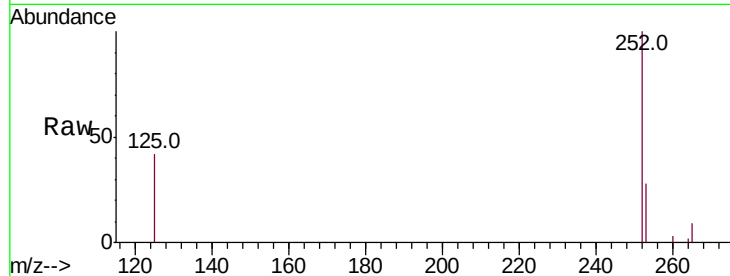
#22
Benzo(k)fluoranthene
Concen: 0.557 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003114.D
Acq: 11 Oct 2018 21:47

Instrument :
BNA_N
ClientSampleId :
A3YZ7

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.3	31.9
125	42.5	14.1	21.1#

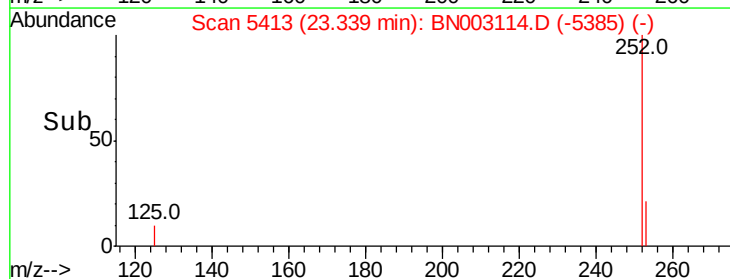
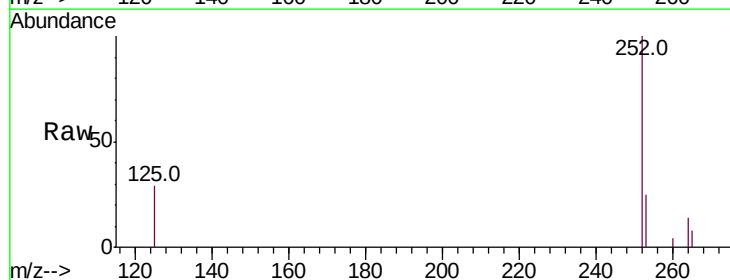
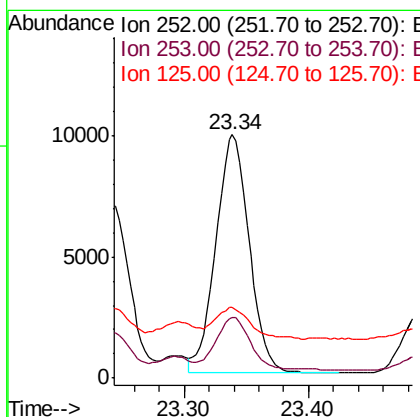
Manual Integrations
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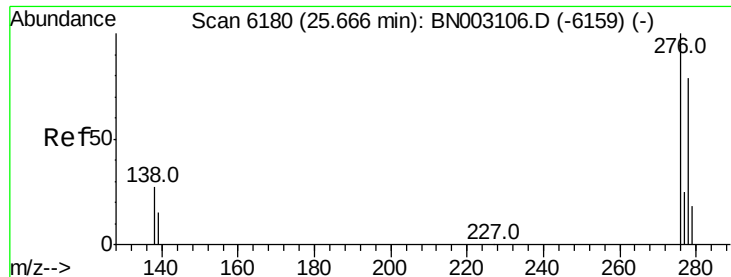
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#23
Benzo(a)pyrene
Concen: 1.225 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003114.D
Acq: 11 Oct 2018 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	23.1	34.7
125	29.0	16.9	25.3#





#24

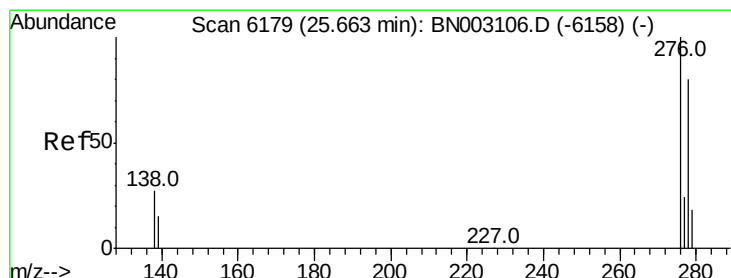
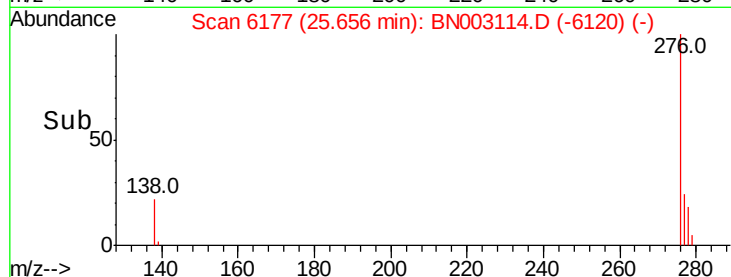
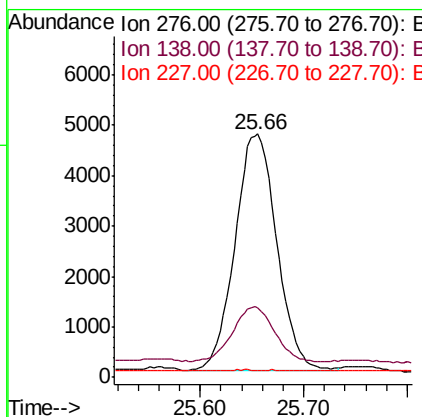
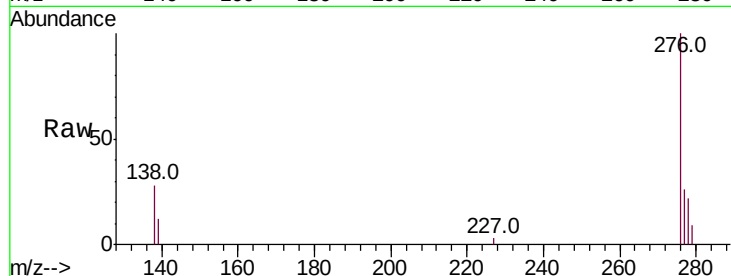
Indeno(1,2,3-cd)pyrene
Concen: 0.768 ng/ul
RT: 25.66 min Scan# 6177
Delta R.T. -0.01 min
Lab File: BN003114.D
Acq: 11 Oct 2018 21:47

Instrument :
BNA_N
ClientSampleId :
A3YZ7

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.1	0.3	0.5

Manual Integrations
APPROVED

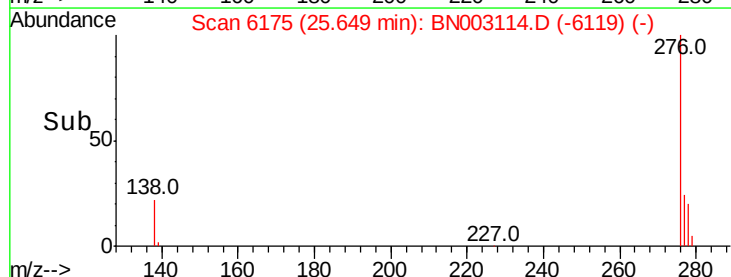
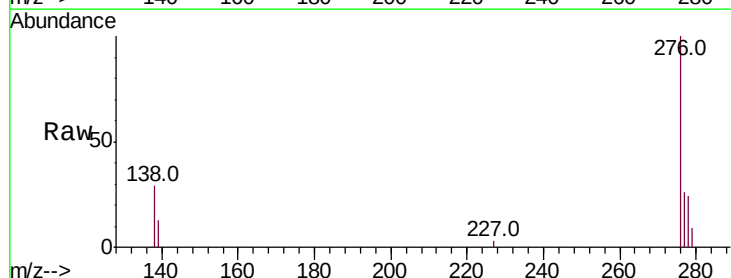
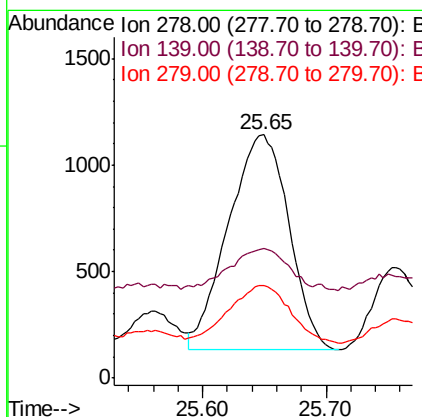
Sohil
10/12/2018 6:38:22 PM

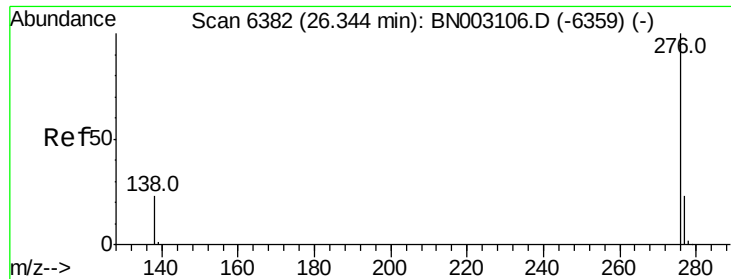


#25

Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.01 min
Lab File: BN003114.D
Acq: 11 Oct 2018 21:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.5	20.2	30.4
279	38.2	23.8	35.8





#26

Benzo(a,h,i)perylene

Concen: 0.805 ng/ul

RT: 26.33 min Scan# 6378

Delta R.T. -0.01 min

Lab File: BN003114.D

Acq: 11 Oct 2018 21:47

Instrument :

BNA_N

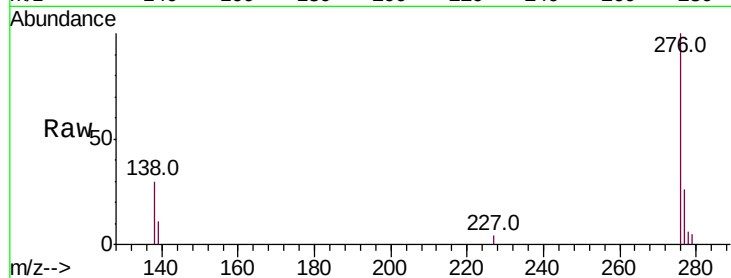
ClientSampleId :

A3YZ7

Tot Ion:	276	Resp:	11673
Ion Ratio	Lower	Upper	
276	100		
138	29.9	23.0	34.4
277	26.1	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:22 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

5000

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

