

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003080.D
 Acq On : 11 Oct 2018 00:37
 Operator : MJ/SJ
 Sample : J5157-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Manual Integrations
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 10/11/2018 5:45:53 PM

Quant Time: Oct 11 08:27:53 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 08:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1540	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6272	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3567	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	6871m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4474m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4150m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4371	0.45	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	8295m	0.42	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1204	0.075	ng/ul#	87
7) Acenaphthylene	13.98	152	1889	0.116	ng/ul#	92
8) Acenaphthene	14.32	153	328	0.026	ng/ul#	94
9) Fluorene	15.32	166	436	0.031	ng/ul#	94
12) Phenanthrene	17.06	178	3202	0.167	ng/ul	97
13) Anthracene	17.15	178	3063m	0.169	ng/ul	
15) Fluoranthene	19.09	202	11252m	0.501	ng/ul	
17) Pyrene	19.44	202	24064m	1.385	ng/ul	
18) Benzo(a)anthracene	21.21	228	10847	0.753	ng/ul	98
19) Chrysene	21.26	228	12121	0.829	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	27576m	1.845	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	9815m	0.633	ng/ul	
23) Benzo(a)pyrene	23.33	252	16759	1.251	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.65	276	9881	0.642	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.65	278	2607	0.212	ng/ul	91
26) Benzo(a,h,i)perylene	26.33	276	7560	0.582	ng/ul	98

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

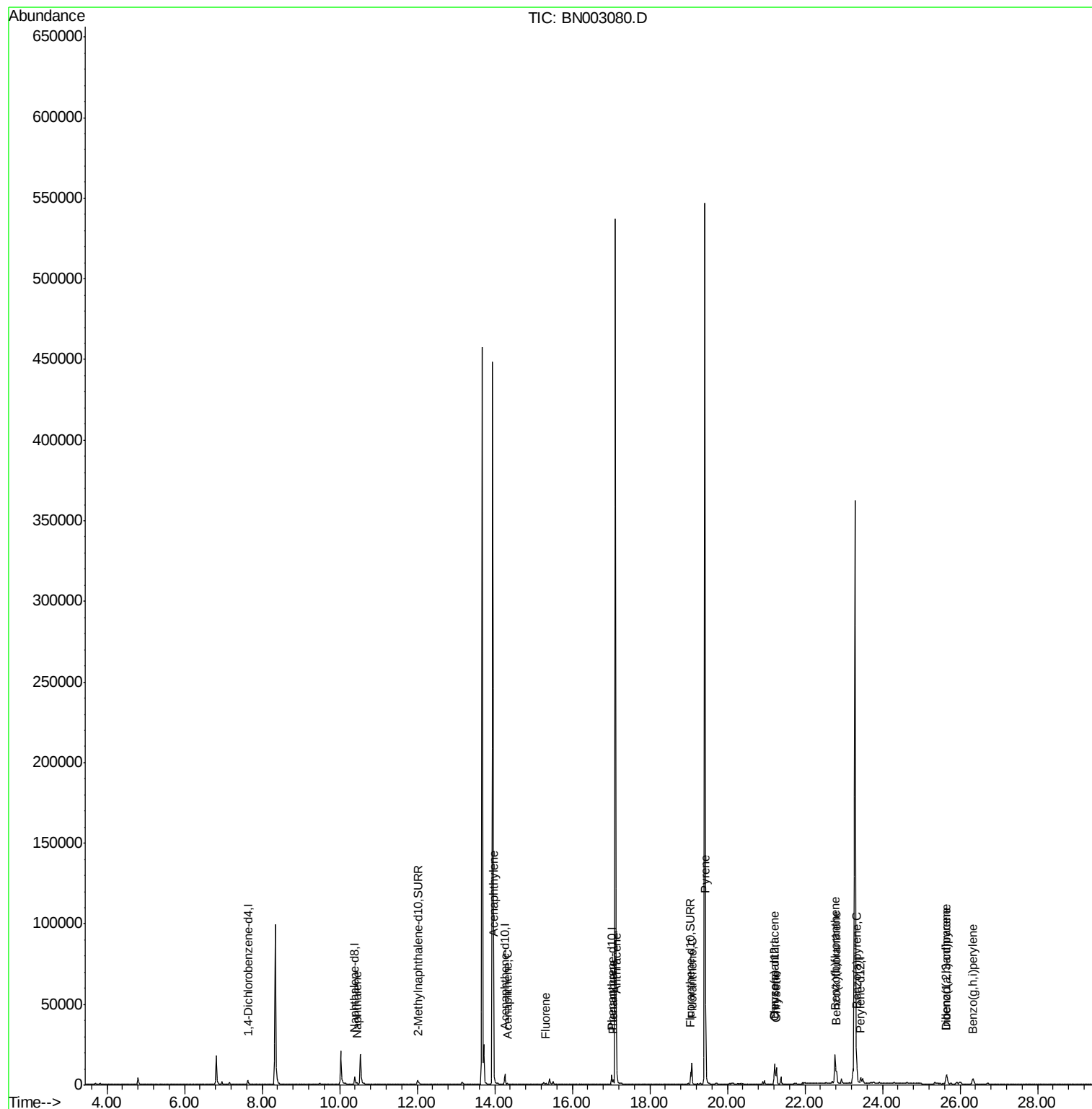
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003080.D
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ALS Vial : 17 Sample Multiplier: 1

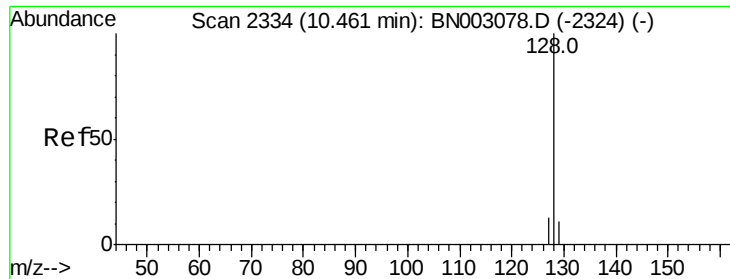
Instrument :
BNA_N
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C0AD0

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Quant Time: Oct 11 08:27:53 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 08:10:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

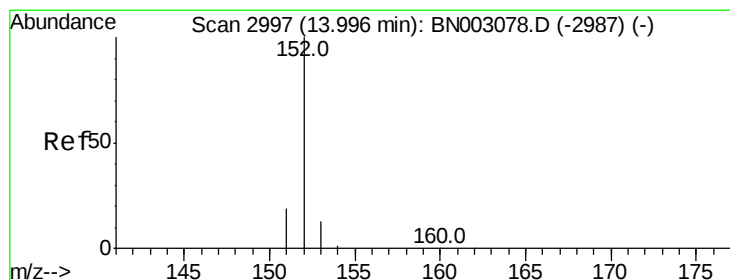
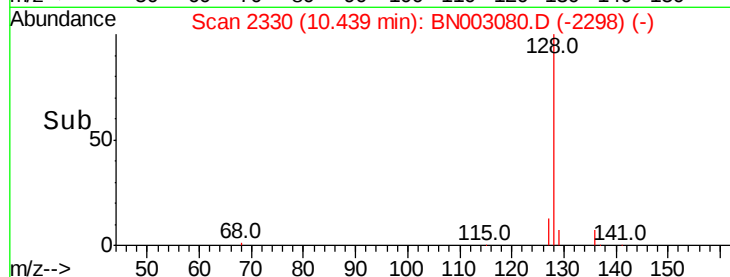
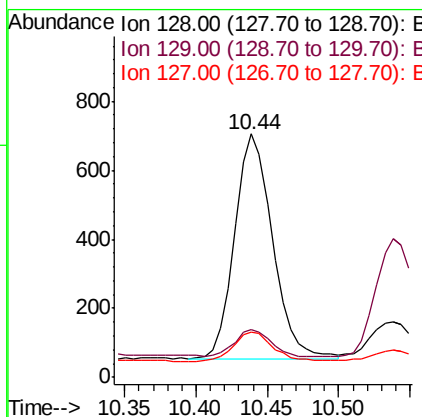
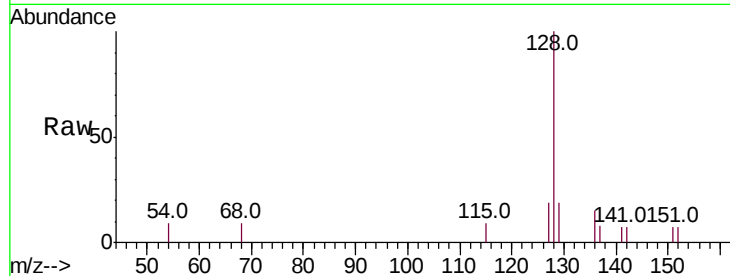
ClientSampleId :

C0AD0

Tot Ion:	128	Resp:	1204
Ion Ratio	Lower	Upper	
128	100		
129	19.4	10.4	15.6#
127	18.6	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.116 ng/ul

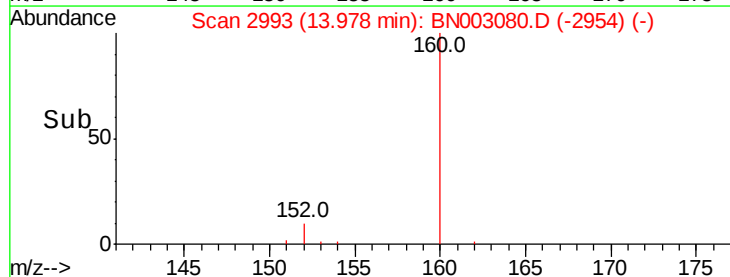
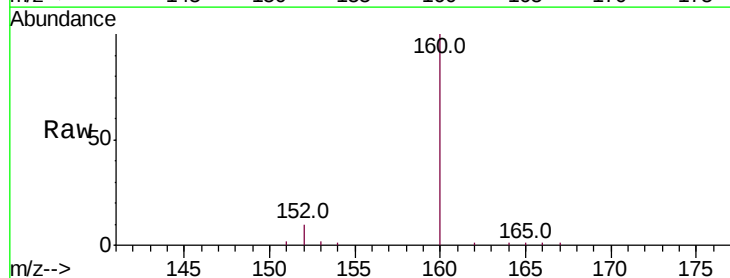
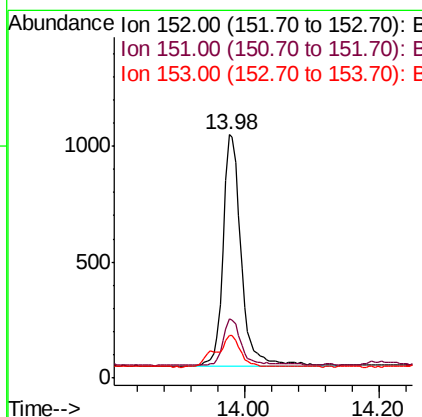
RT: 13.98 min Scan# 2993

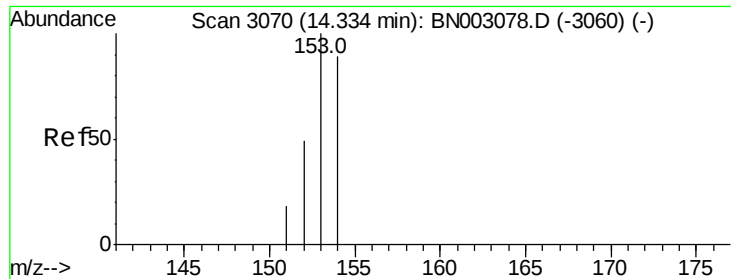
Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Tgt Ion:	152	Resp:	1889
Ion Ratio	Lower	Upper	
152	100		
151	24.6	16.5	24.7
153	17.3	11.4	17.2#





#8

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

ClientSampleId :

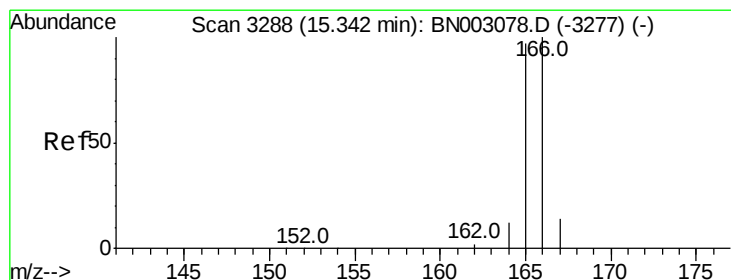
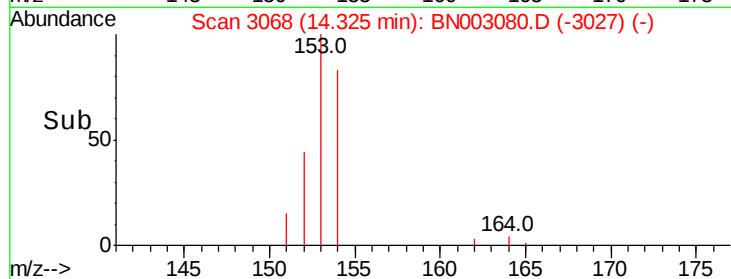
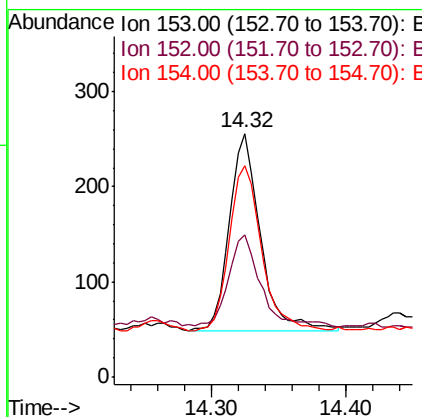
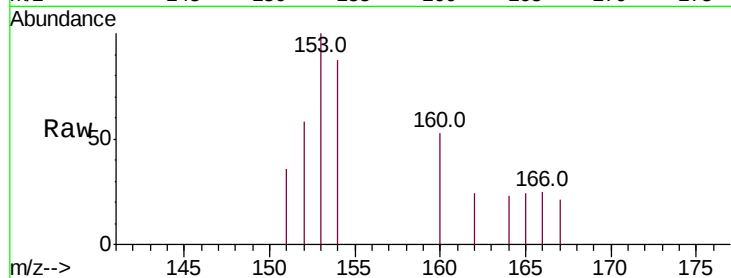
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Tot Ion:153 Resp: 328

Ion	Ratio	Lower	Upper
153	100		
152	58.2	38.2	57.4#
154	86.7	70.2	105.2

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#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.32 min Scan# 3283

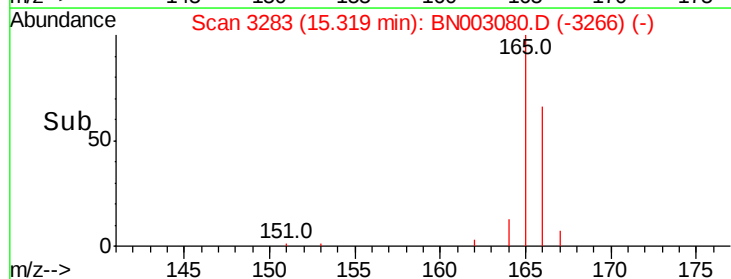
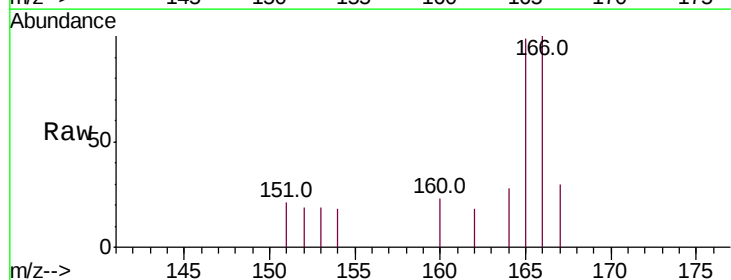
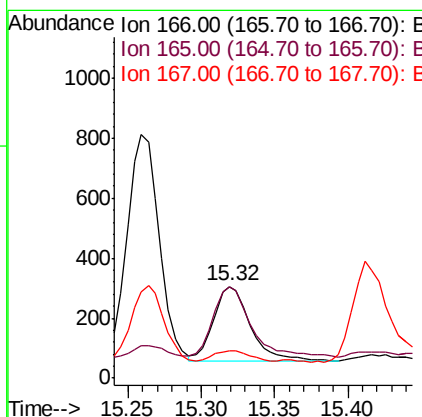
Delta R.T. -0.02 min

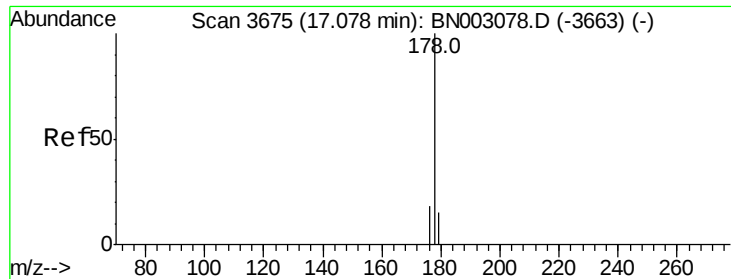
Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Tgt Ion:166 Resp: 436

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.5	117.7
167	29.5	11.6	17.4#





#12

Phenanthrene

Concen: 0.167 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003080.D

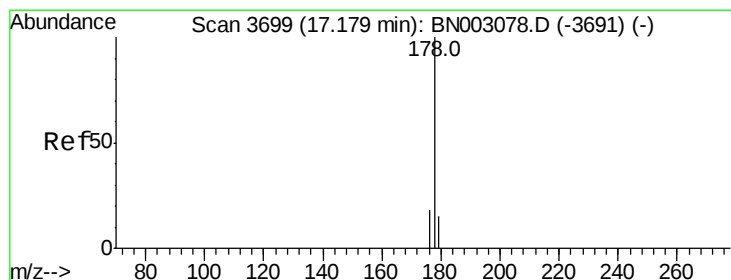
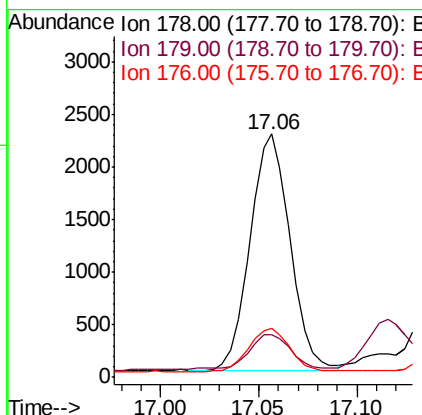
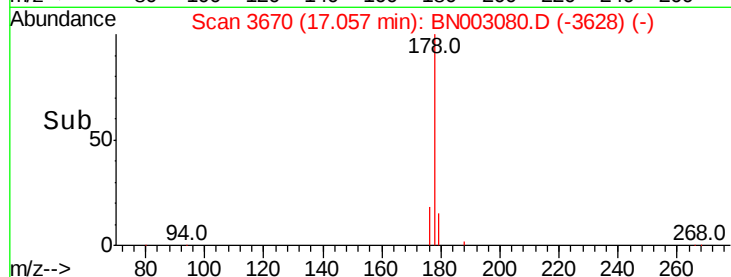
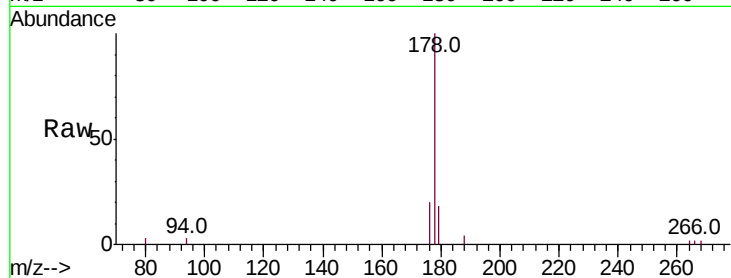
Acq: 11 Oct 2018 00:37

Instrument :
BNA_N
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.9	19.3
176	20.3	15.4	23.2

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#13

Anthracene

Concen: 0.169 ng/ul m

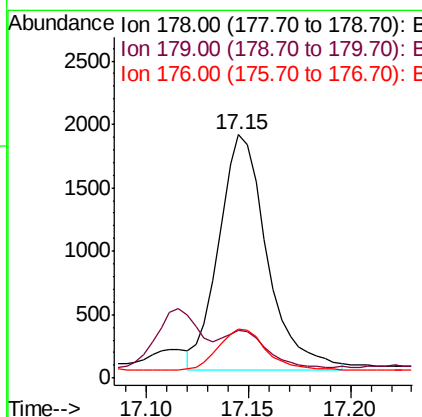
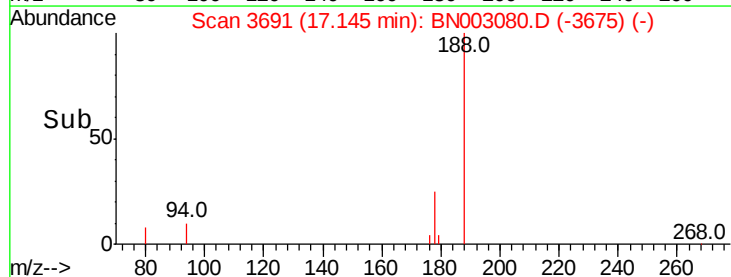
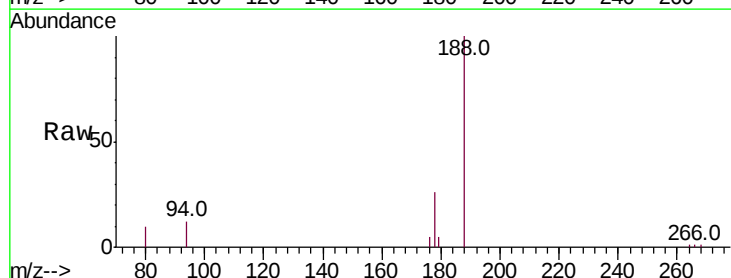
RT: 17.15 min Scan# 3691

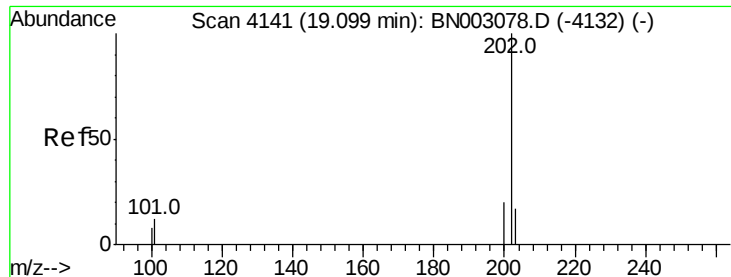
Delta R.T. -0.03 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.0	19.6#
176	20.2	15.3	22.9





#15

Fluoranthene

Concen: 0.501 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Instrument :

BNA_N

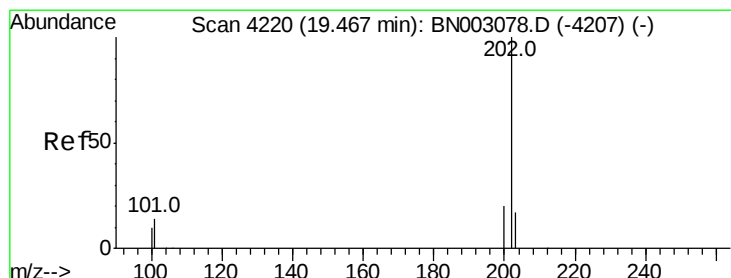
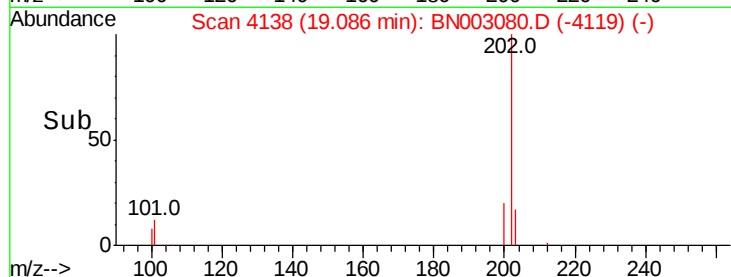
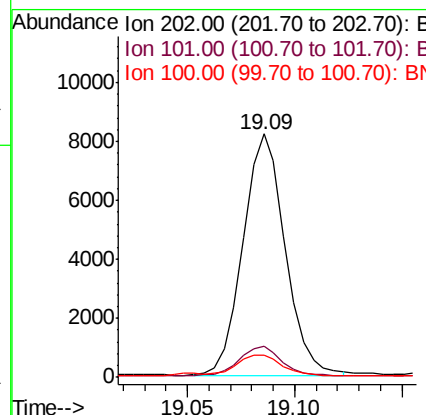
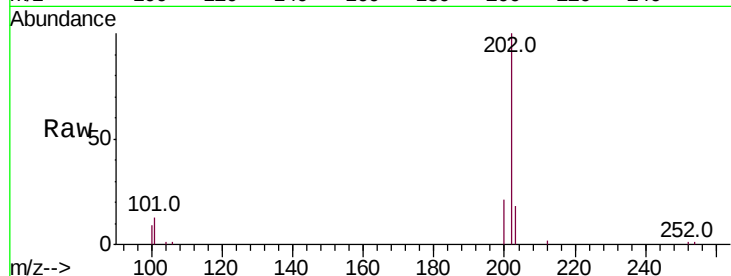
ClientSampleId :

C0AD0

Tot Ion:	202	Resp:	11252
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.3
100	9.1	0.0	29.1

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#17

Pyrene

Concen: 1.385 ng/ul m

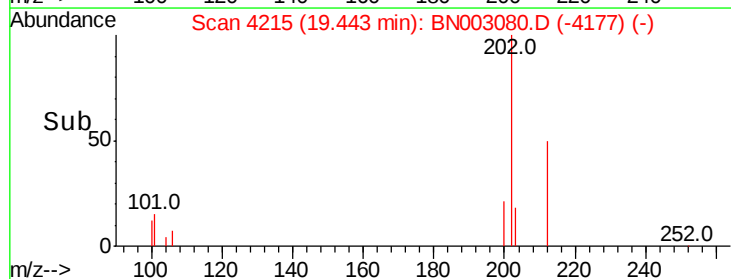
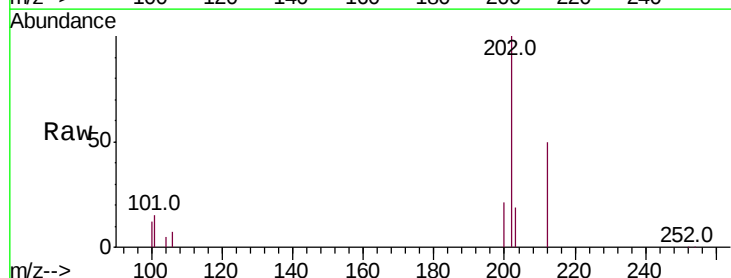
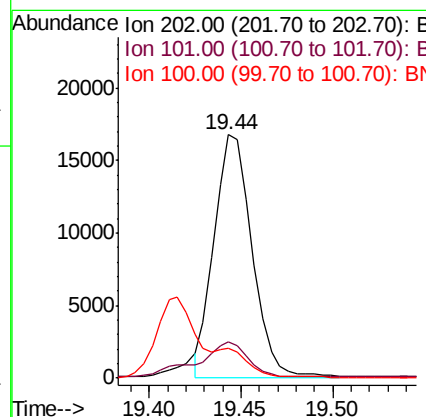
RT: 19.44 min Scan# 4215

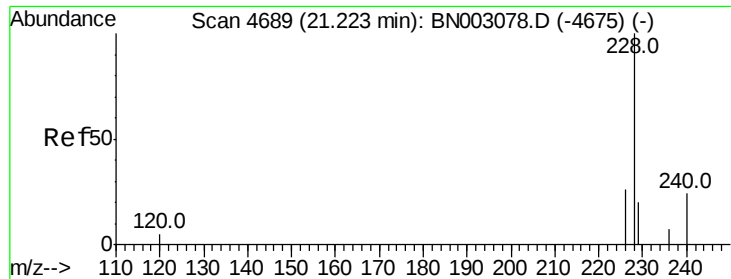
Delta R.T. -0.02 min

Lab File: BN003080.D

Acq: 11 Oct 2018 00:37

Tgt Ion:	202	Resp:	24064
Ion Ratio	Lower	Upper	
202	100		
101	14.9	11.9	17.9
100	12.3	9.9	14.9





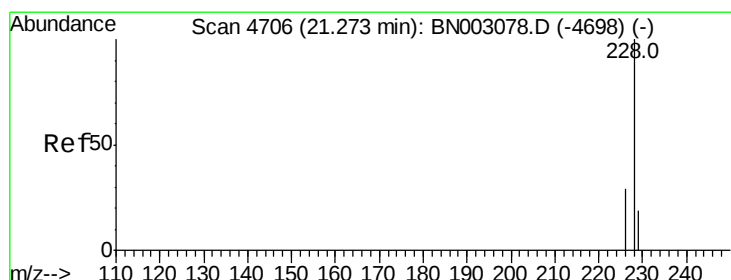
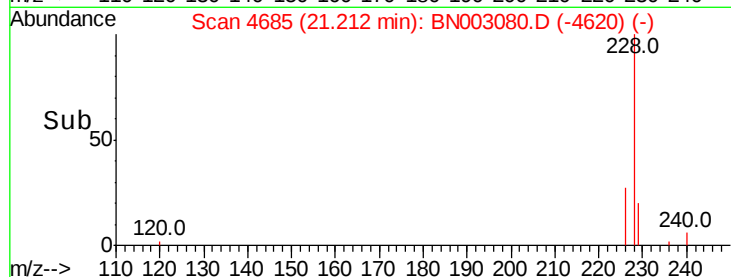
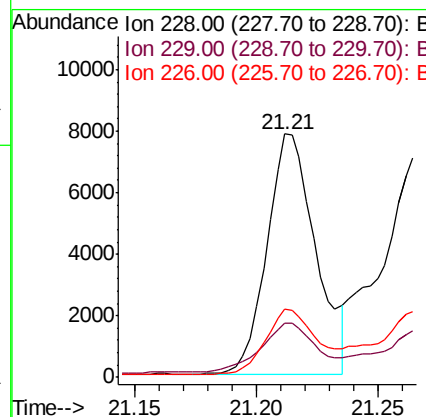
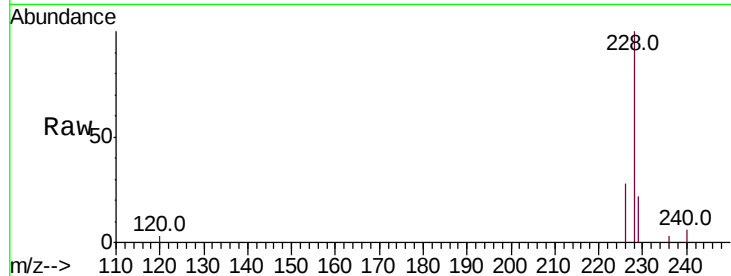
#18
Benzo(a)anthracene
Concen: 0.753 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Instrument :
BNA_N
ClientSampled :
C0AD0

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	28.3	22.3	33.5

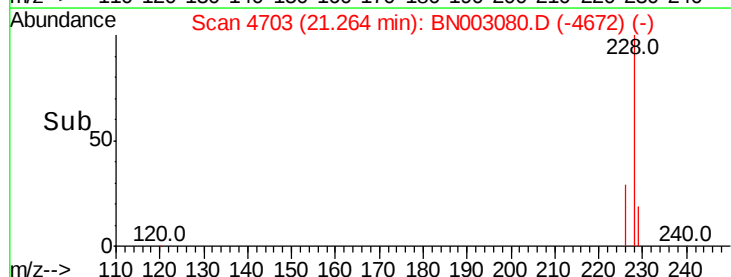
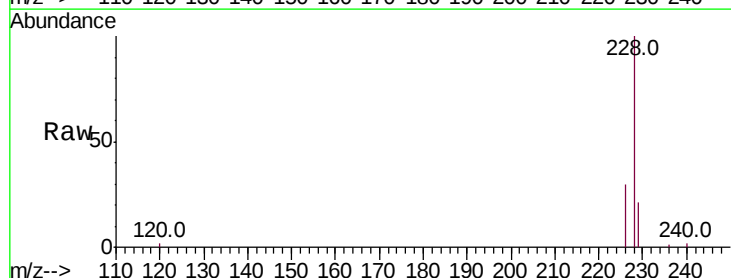
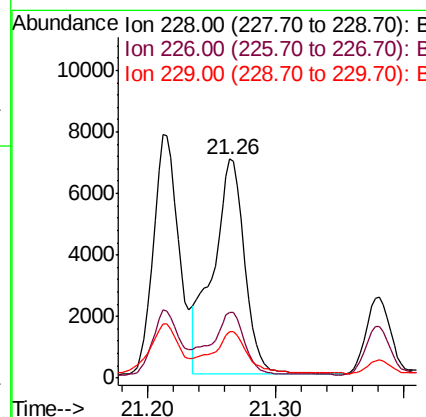
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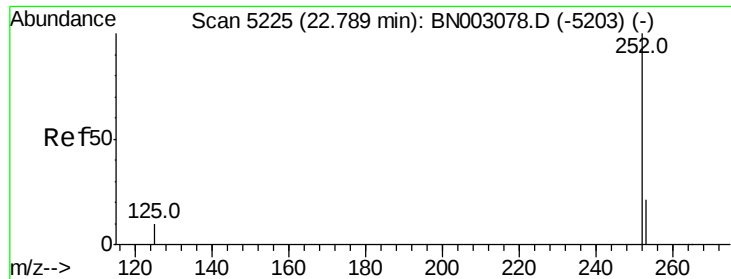
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#19
Chrysene
Concen: 0.829 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.2	16.7	25.1





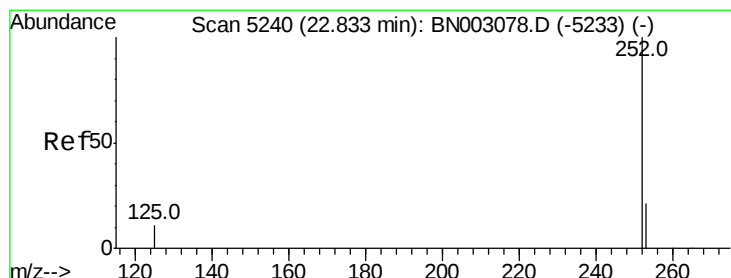
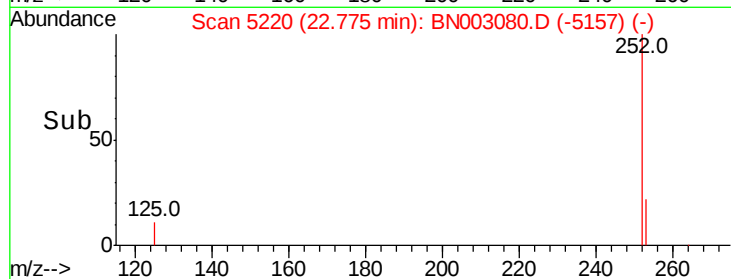
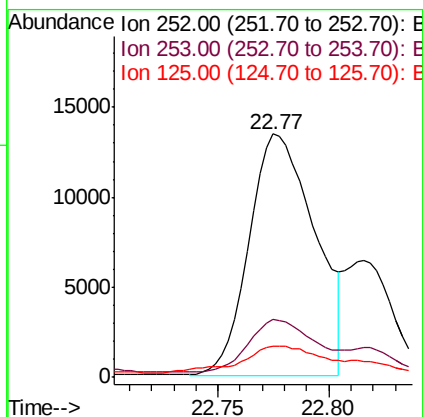
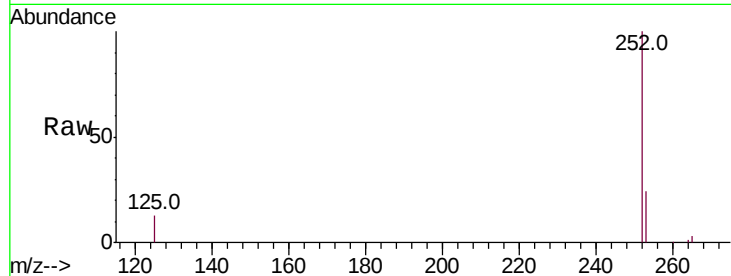
#21
Benzo(b)fluoranthene
Concen: 1.845 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Instrument :
BNA_N
ClientSampled :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	53.2
125	12.8	0.0	34.2

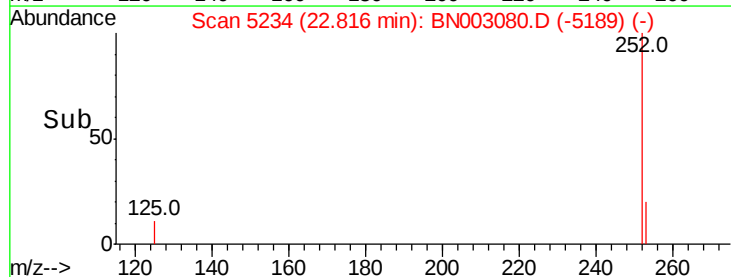
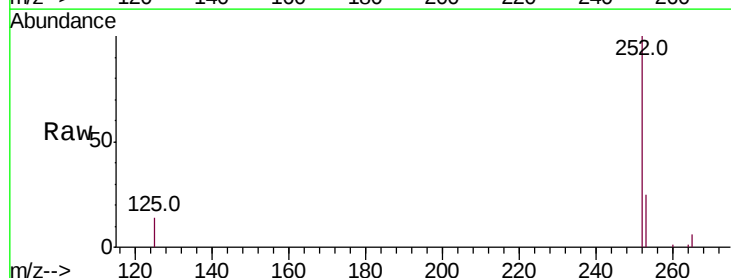
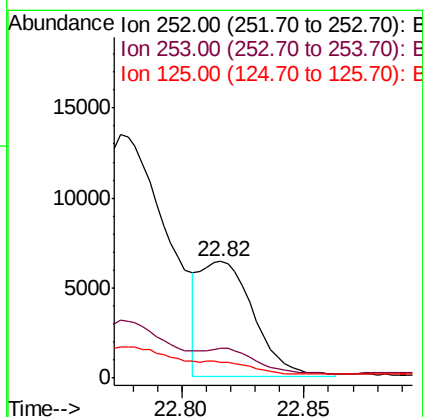
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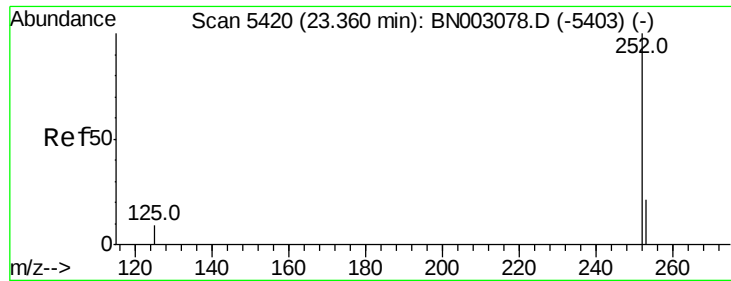
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#22
Benzo(k)fluoranthene
Concen: 0.633 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.3	31.9
125	13.8	14.1	21.1#





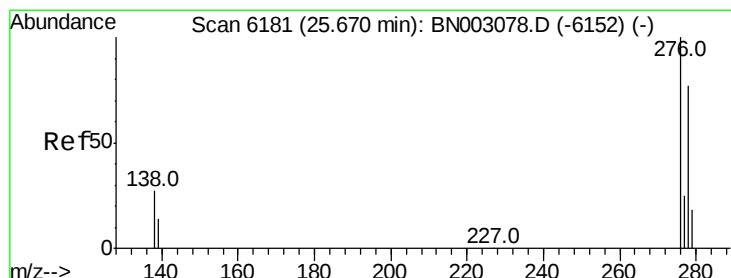
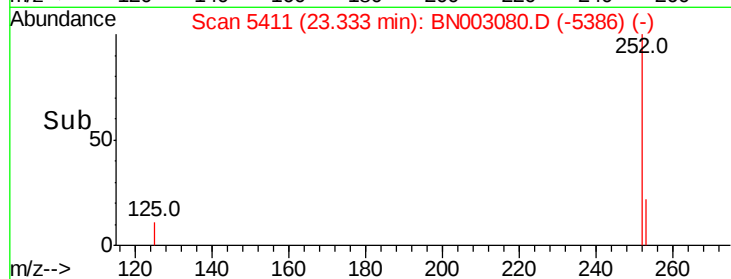
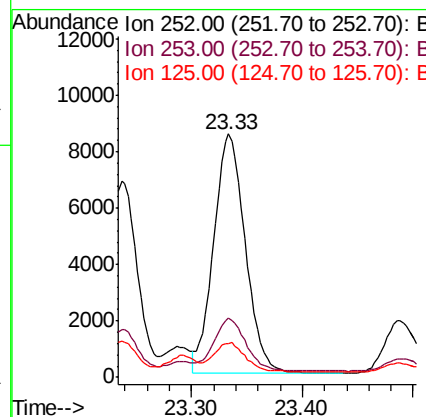
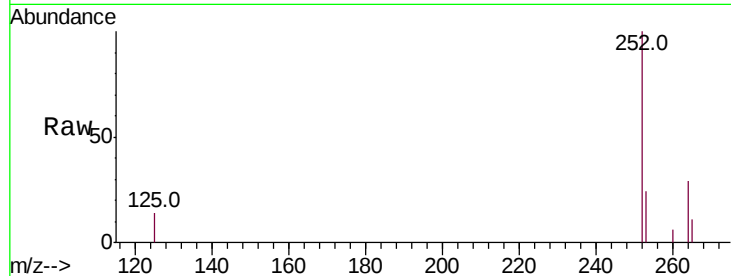
#23
Benzo(a)pyrene
Concen: 1.251 ng/ul
RT: 23.33 min Scan# 5411
Delta R.T. -0.03 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Instrument :
BNA_N
ClientSampled :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	23.1	34.7
125	14.0	16.9	25.3

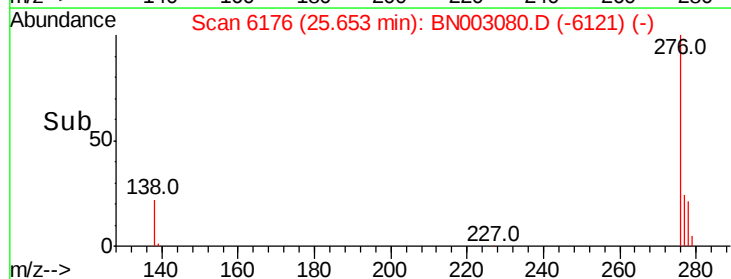
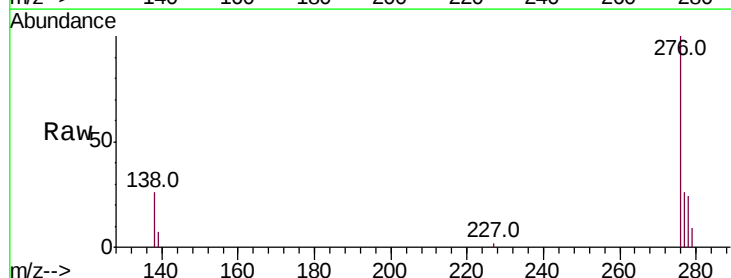
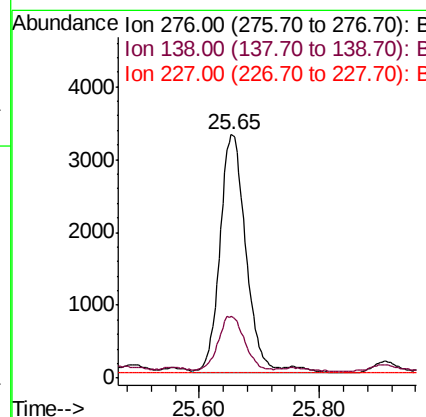
Manual Integrations
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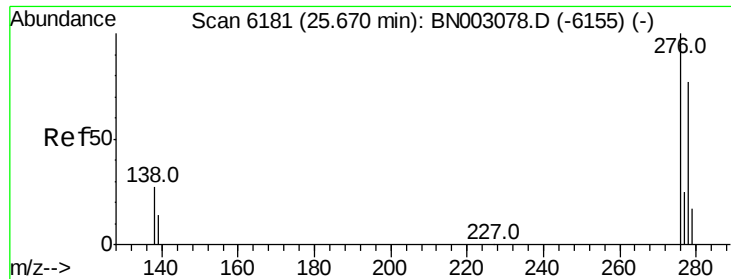
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.642 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.02 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.5	32.3
227	0.1	0.3	0.5





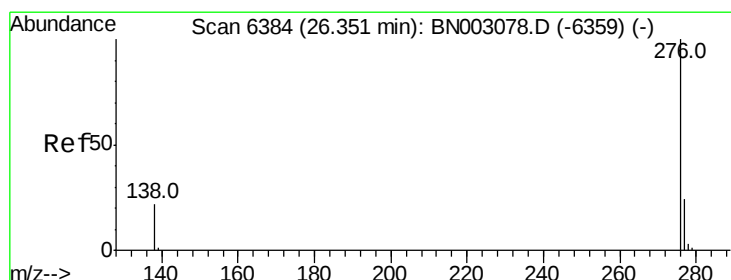
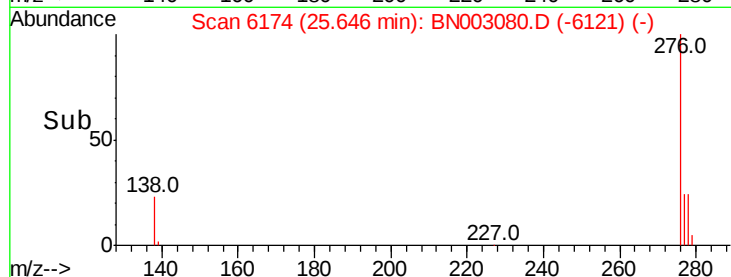
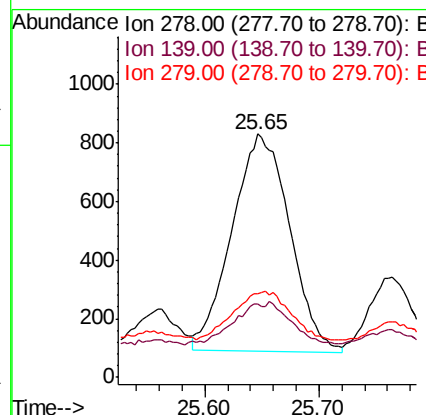
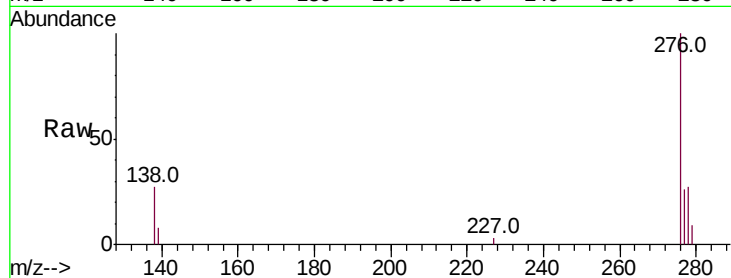
#25
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Instrument :
BNA_N
ClientSampled :
C0AD0

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.2	20.2	30.4
279	34.5	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:53 PM



#26
Benzo(g,h,i)perylene
Concen: 0.582 ng/ul
RT: 26.33 min Scan# 6379
Delta R.T. -0.02 min
Lab File: BN003080.D
Acq: 11 Oct 2018 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.0	34.4
277	26.5	22.0	33.0

