

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003076.D
 Acq On : 10 Oct 2018 22:17
 Operator : MJ/SJ
 Sample : J5157-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE2

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:44 PM

Quant Time: Oct 11 08:05:33 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 07:04:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1618	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6453	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3408	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	6443m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	4539m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4324m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2876	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	4726m	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	676	0.041	ng/ul#	79
7) Acenaphthylene	13.98	152	1081	0.069	ng/ul#	86
12) Phenanthrene	17.06	178	848m	0.047	ng/ul	
13) Anthracene	17.15	178	1669m	0.098	ng/ul	
15) Fluoranthene	19.09	202	2979m	0.141	ng/ul	
17) Pyrene	19.45	202	4403m	0.250	ng/ul	
18) Benzo(a)anthracene	21.22	228	2234m	0.153	ng/ul	
19) Chrysene	21.27	228	5036	0.340	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	6686m	0.429	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2931m	0.182	ng/ul	
23) Benzo(a)pyrene	23.34	252	4584	0.328	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.67	276	3228	0.201	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.67	278	993	0.077	ng/ul#	60
26) Benzo(g,h,i)perylene	26.35	276	3019	0.223	ng/ul	95

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

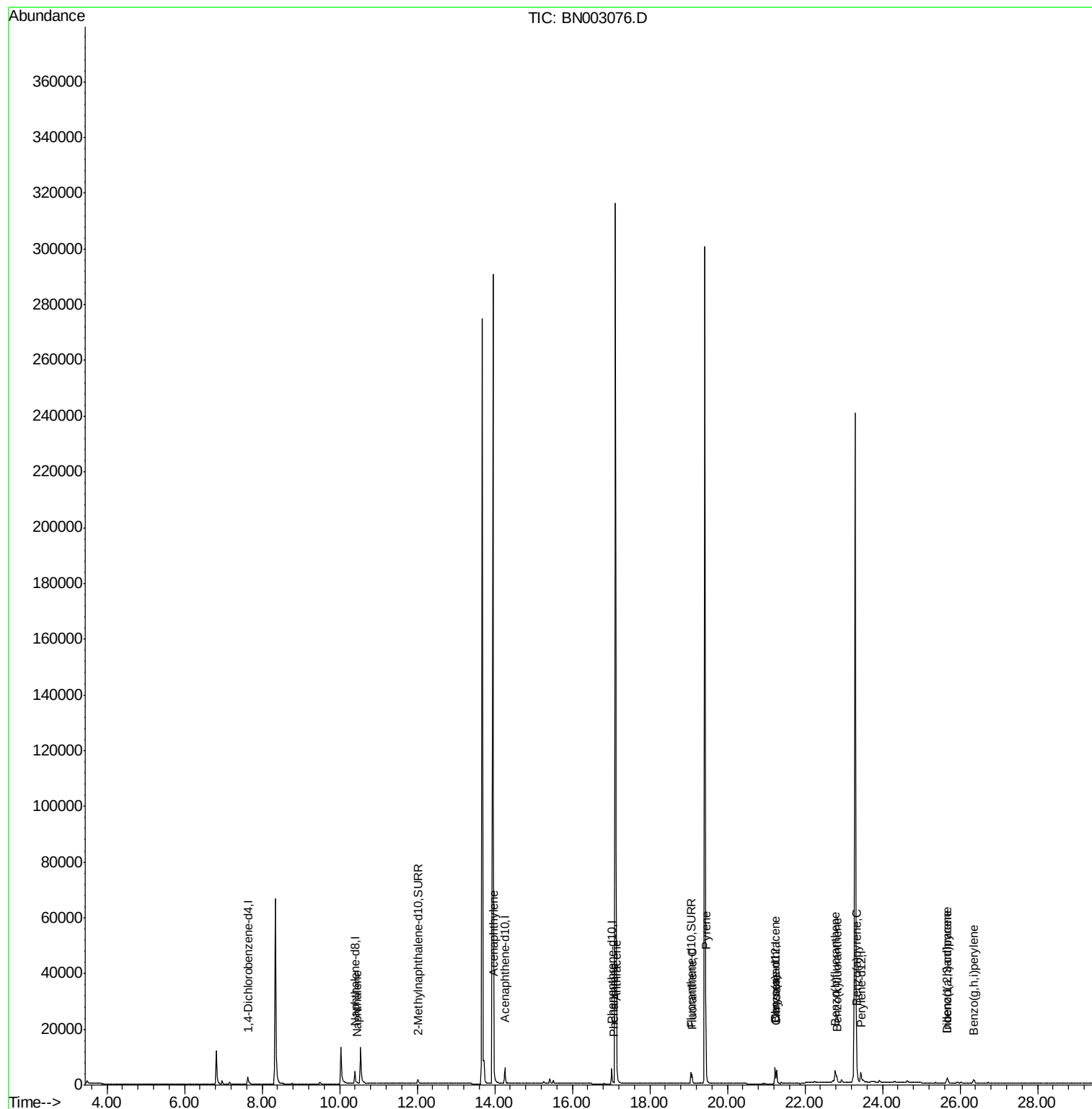
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003076.D
Acq On : 10 Oct 2018 22:17
Operator : MJ/SJ
Sample : J5157-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

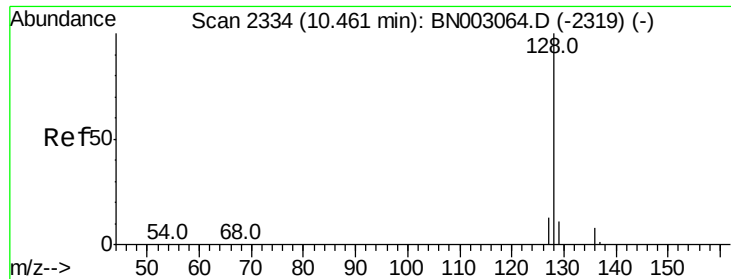
Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:44 PM

Quant Time: Oct 11 08:05:33 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 07:04:52 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003076.D

Acq: 10 Oct 2018 22:17

Instrument :

BNA_N

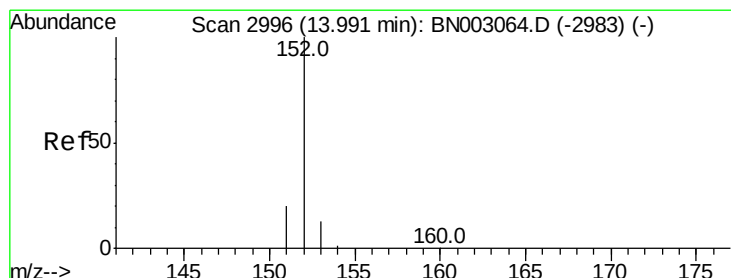
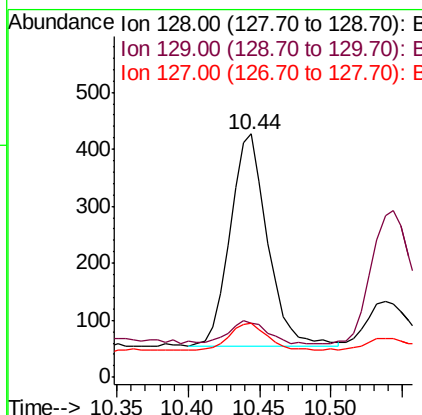
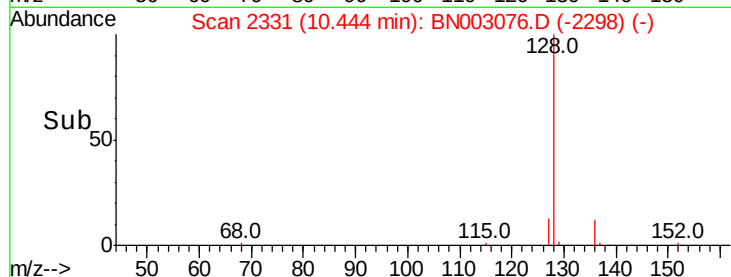
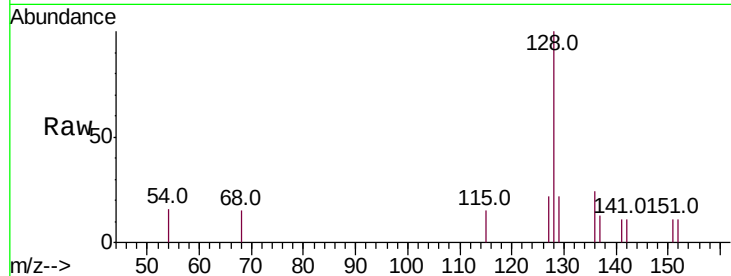
ClientSampled :

C0AE2

Tot Ion:	128	Resp:	676
Ion	Ratio	Lower	Upper
128	100		
129	22.5	10.4	15.6#
127	22.0	11.7	17.5#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:44 PM



#7

Acenaphthylene

Concen: 0.069 ng/ul

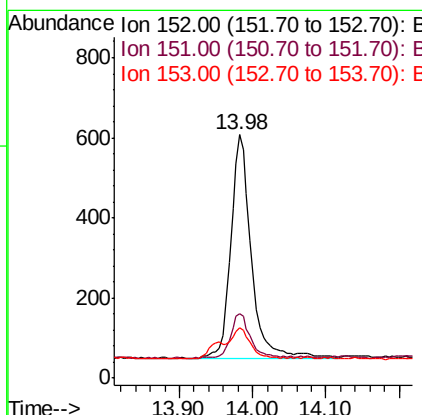
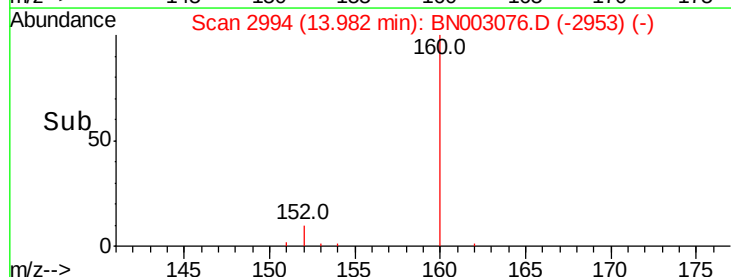
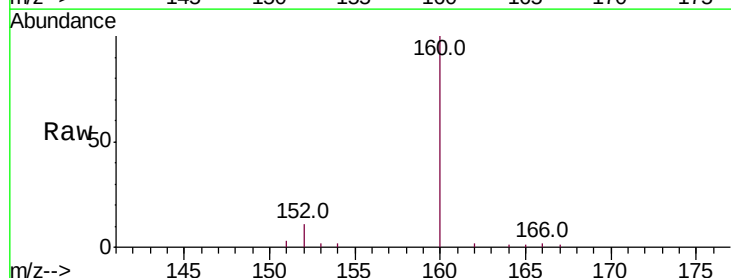
RT: 13.98 min Scan# 2994

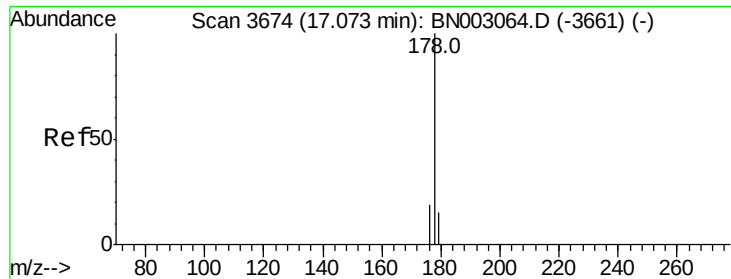
Delta R.T. -0.01 min

Lab File: BN003076.D

Acq: 10 Oct 2018 22:17

Tgt Ion:	152	Resp:	1081
Ion	Ratio	Lower	Upper
152	100		
151	26.5	16.5	24.7#
153	20.7	11.4	17.2#





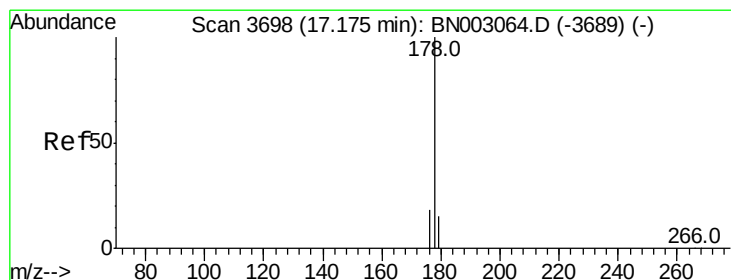
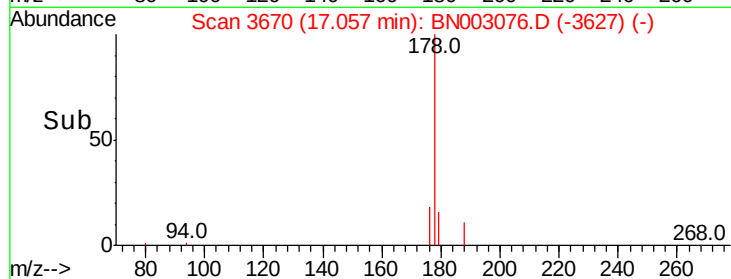
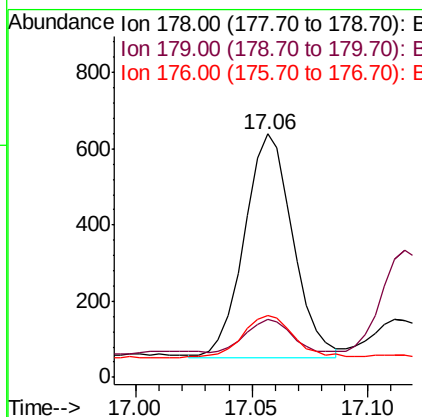
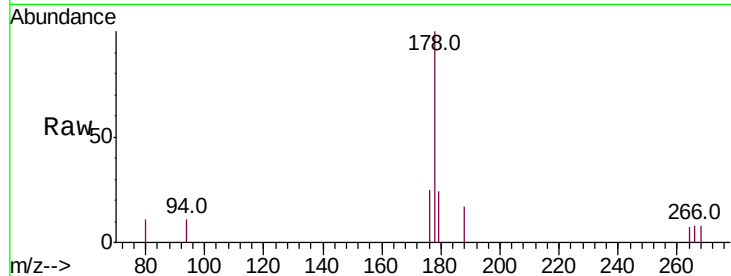
#12
Phenanthrene
Concen: 0.047 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Instrument :
BNA_N
ClientSampleId :
C0AE2

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.1	12.9	19.3#
176	25.2	15.4	23.2#

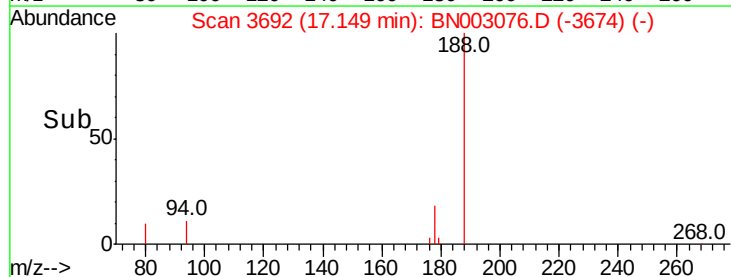
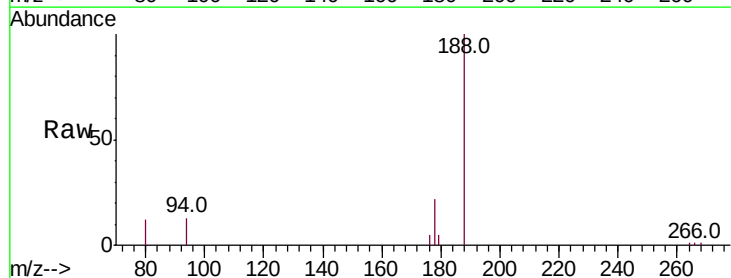
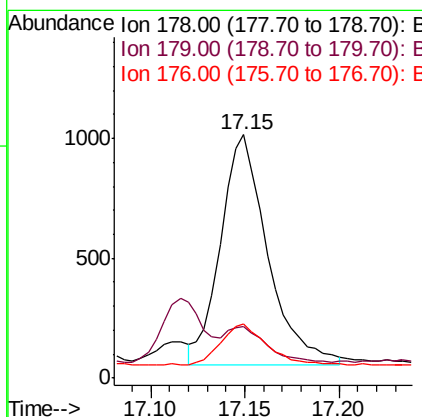
Manual Integrations
APPROVED

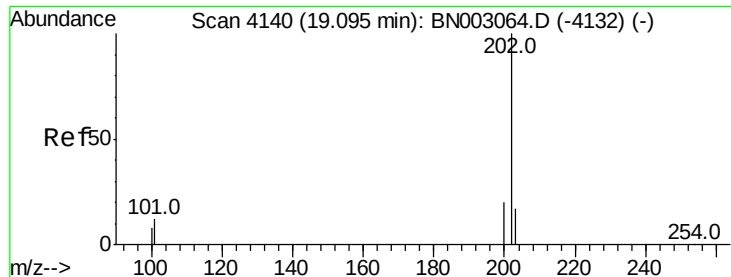
Sohil
10/11/2018 5:45:44 PM



#13
Anthracene
Concen: 0.098 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.5	13.0	19.6#
176	22.1	15.3	22.9





#15

Fluoranthene

Concen: 0.141 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003076.D

Acq: 10 Oct 2018 22:17

Instrument :

BNA_N

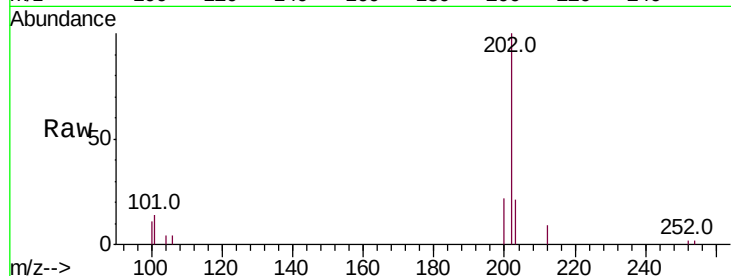
ClientSampled :

C0AE2

Tot Ion:	202	Resp:	2979
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	32.3
100	11.5	0.0	29.1

Manual Integrations
APPROVED

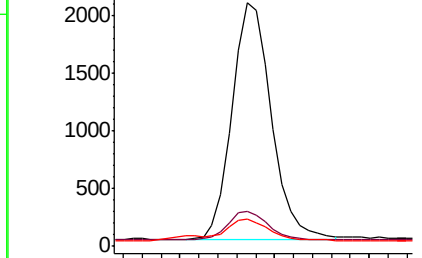
Sohil
10/11/2018 5:45:44 PM



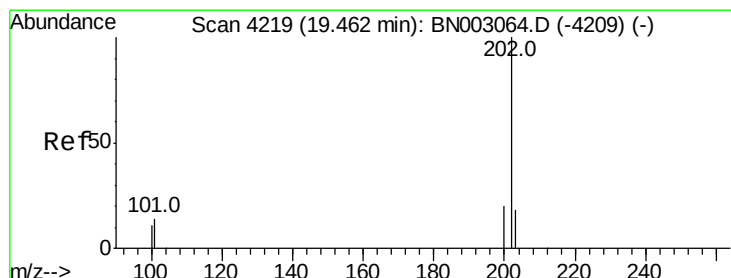
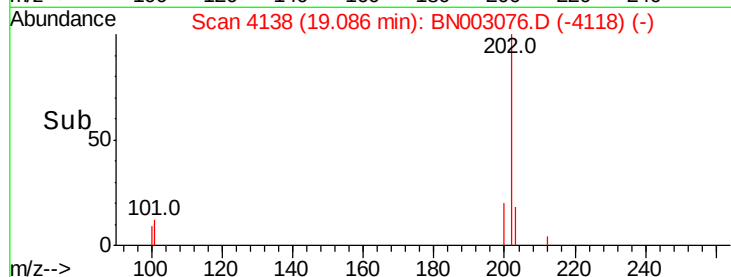
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 0.250 ng/ul m

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003076.D

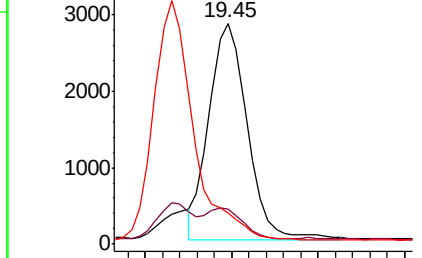
Acq: 10 Oct 2018 22:17

Tgt Ion:	202	Resp:	4403
Ion Ratio	Lower	Upper	
202	100		
101	16.1	11.9	17.9
100	13.9	9.9	14.9

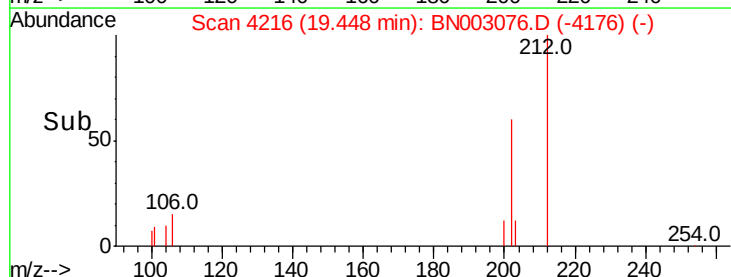
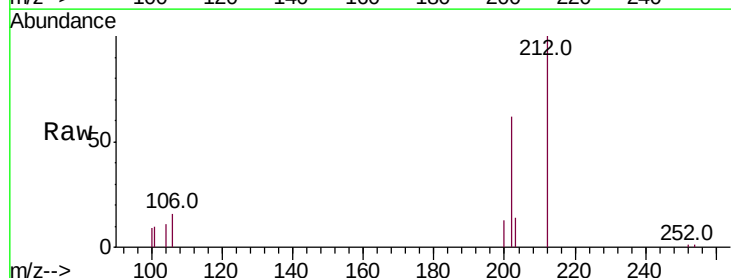
Abundance Ion 202.00 (201.70 to 202.70): E

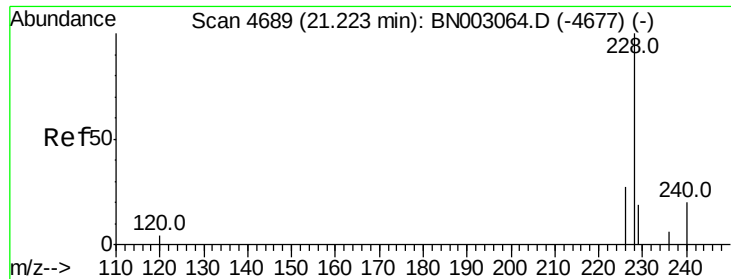
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





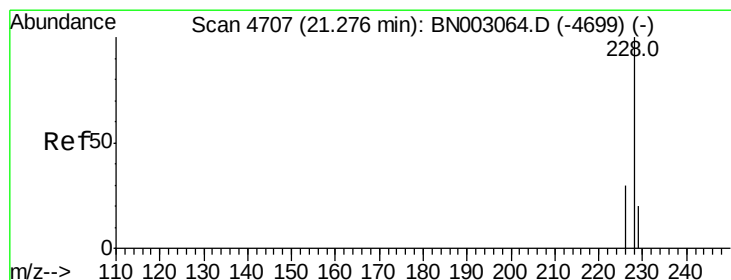
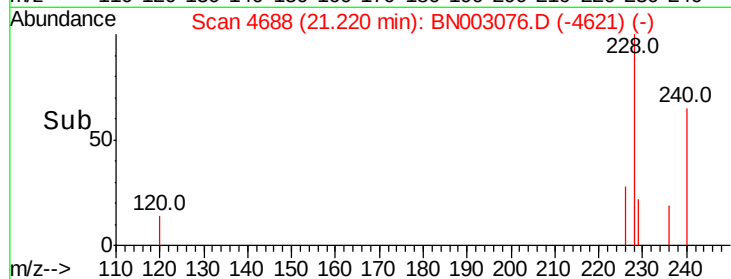
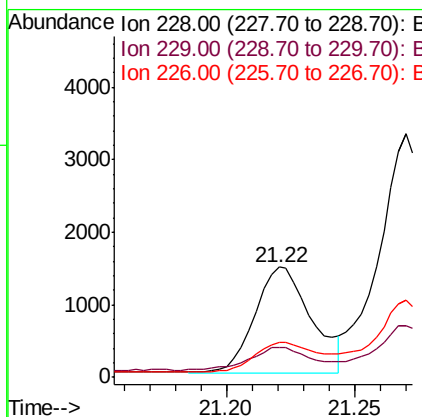
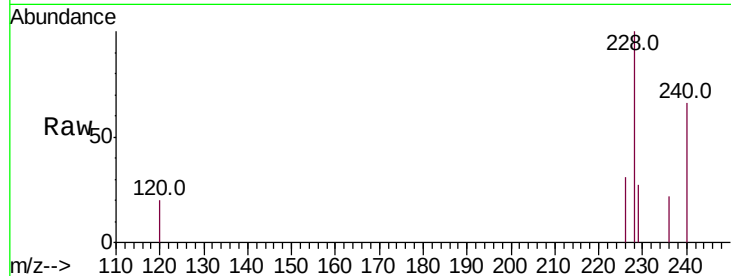
#18
Benzo(a)anthracene
Concen: 0.153 ng/ul m
RT: 21.22 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Instrument :
BNA_N
ClientSampled :
C0AE2

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.8	16.2	24.2
226	31.4	22.3	33.5

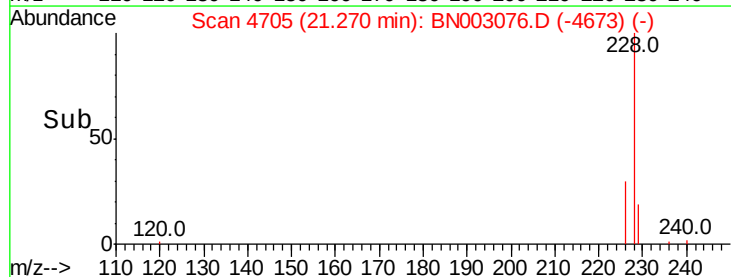
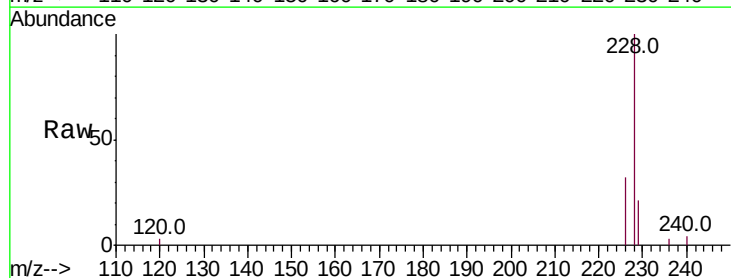
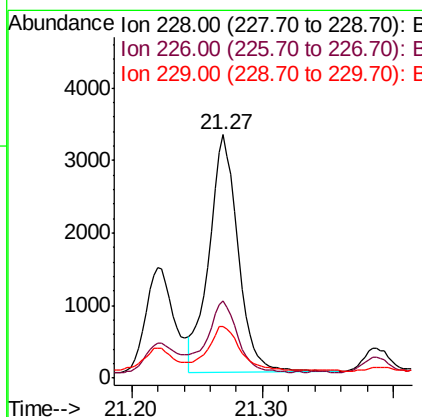
Manual Integrations
APPROVED

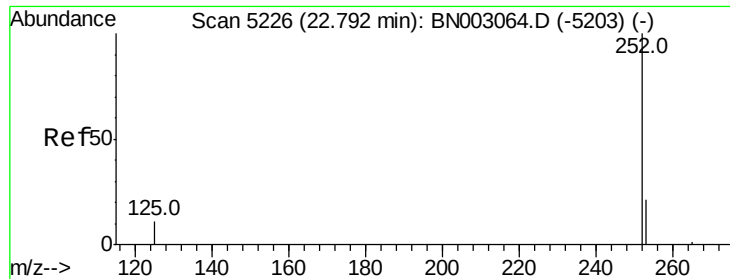
Sohil
10/11/2018 5:45:44 PM



#19
Chrysene
Concen: 0.340 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.01 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.4
229	21.4	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 0.429 ng/ul m

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003076.D

Acq: 10 Oct 2018 22:17

Instrument :

BNA_N

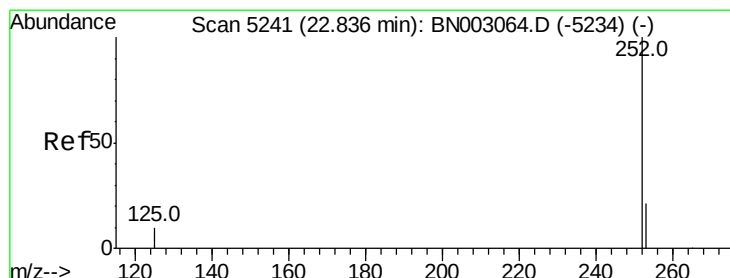
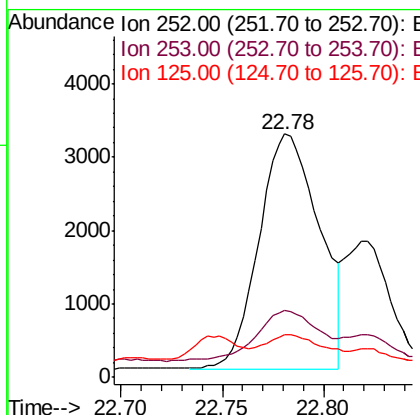
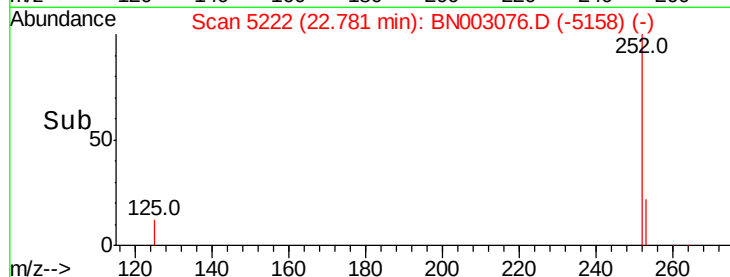
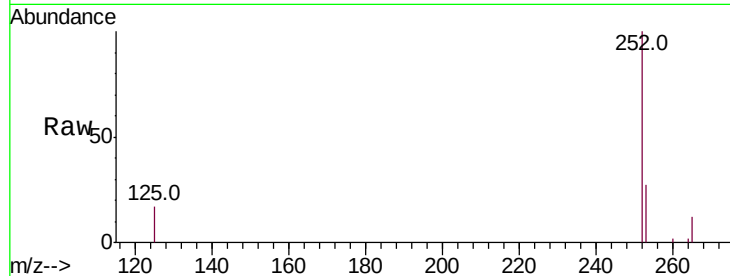
ClientSampled :

C0AE2

Tot Ion:252	Resp:	6686
Ion Ratio	Lower	Upper
252 100		
253 27.4	0.0	53.2
125 17.3	0.0	34.2

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:44 PM



#22

Benzo(k)fluoranthene

Concen: 0.182 ng/ul m

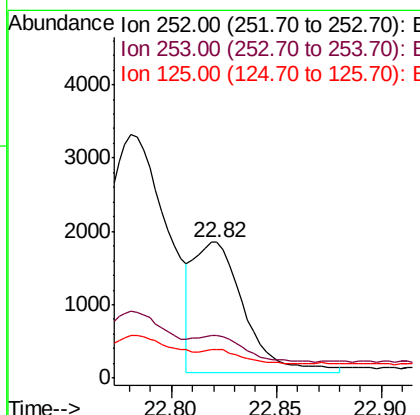
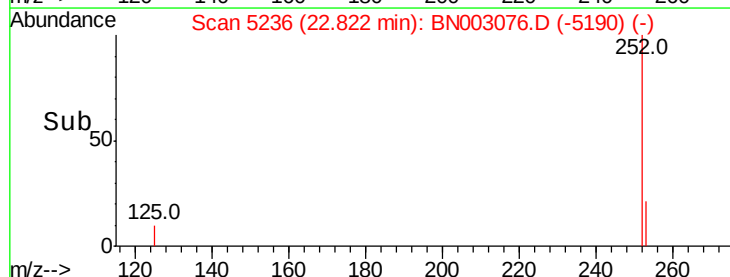
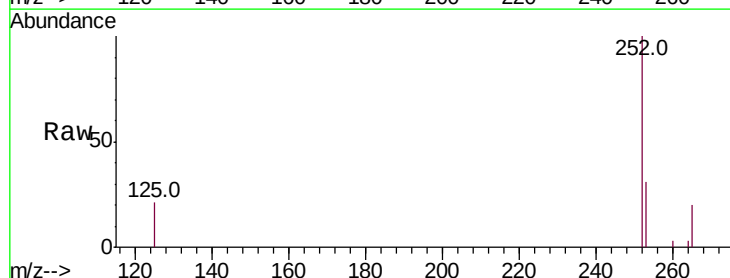
RT: 22.82 min Scan# 5236

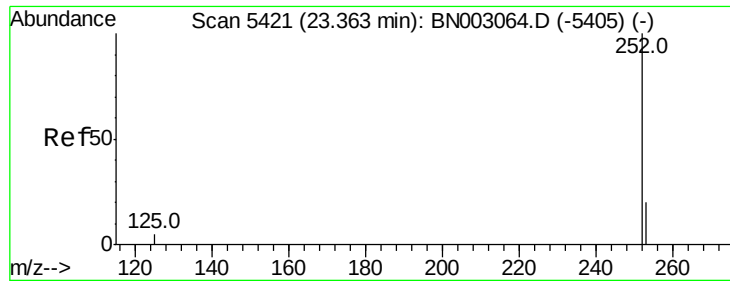
Delta R.T. -0.01 min

Lab File: BN003076.D

Acq: 10 Oct 2018 22:17

Tgt Ion:252	Resp:	2931
Ion Ratio	Lower	Upper
252 100		
253 31.4	21.3	31.9
125 20.9	14.1	21.1





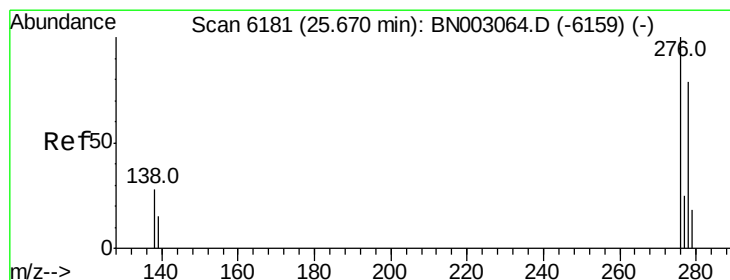
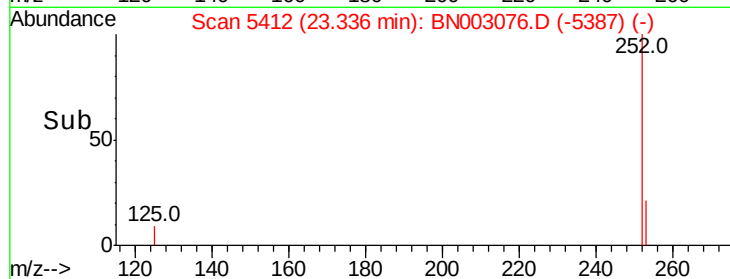
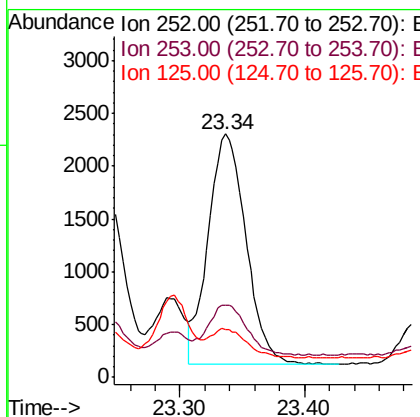
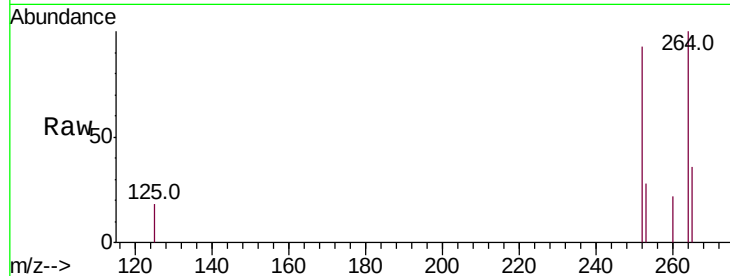
#23
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.03 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Instrument :
BNA_N
ClientSampleId :
C0AE2

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.1	34.7
125	19.4	16.9	25.3

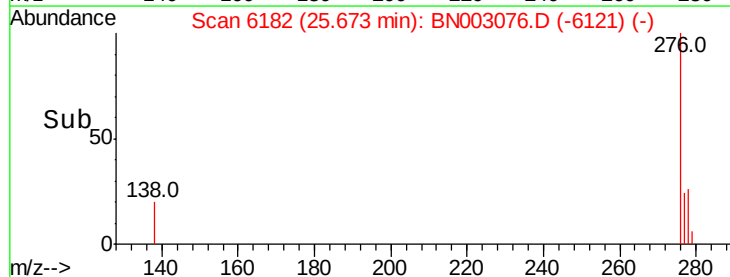
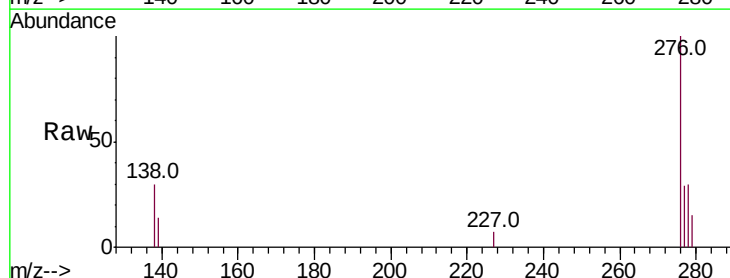
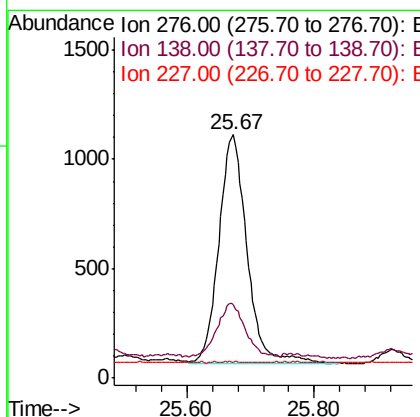
Manual Integrations
APPROVED

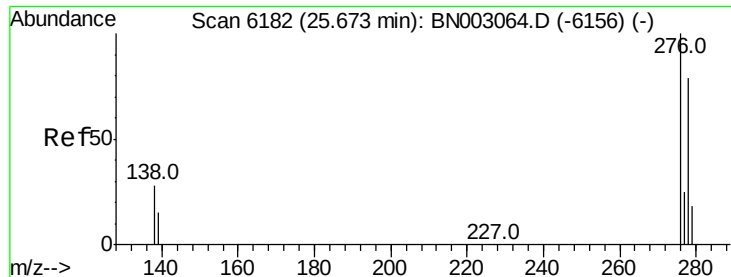
Sohil
10/11/2018 5:45:44 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.201 ng/ul
RT: 25.67 min Scan# 6182
Delta R.T. 0.00 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.5	32.3
227	0.2	0.3	0.5#





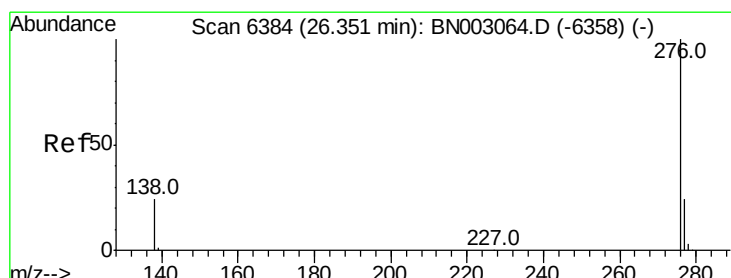
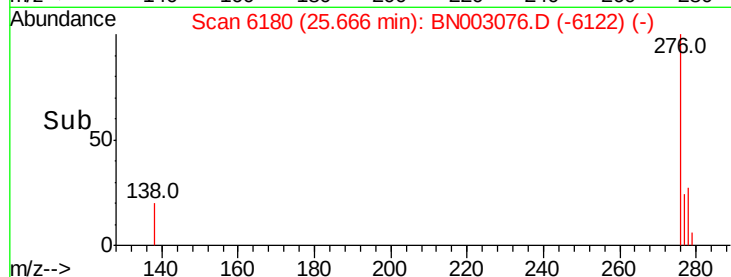
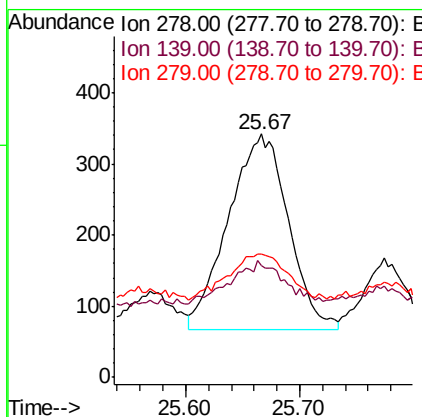
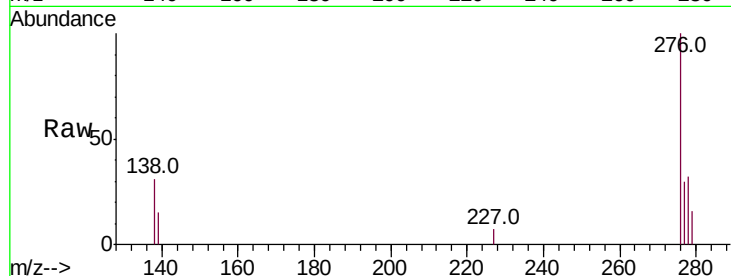
#25
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.67 min Scan# 6180
Delta R.T. -0.01 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Instrument :
BNA_N
ClientSampled :
C0AE2

Tot Ion	Ratio	Lower	Upper
278	100		
139	46.2	20.2	30.4#
279	50.6	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:44 PM



#26
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 26.35 min Scan# 6383
Delta R.T. -0.00 min
Lab File: BN003076.D
Acq: 10 Oct 2018 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	23.0	34.4
277	29.2	22.0	33.0

