

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003074.D
 Acq On : 10 Oct 2018 21:06
 Operator : MJ/SJ
 Sample : J5157-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE0

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:39 PM

Quant Time: Oct 11 07:57:01 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	1726	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7113	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4057	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8313m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5286m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4732m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4127	0.37	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	8509m	0.36	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	673	0.037	ng/ul#	75
7) Acenaphthylene	13.98	152	1496	0.081	ng/ul#	91
8) Acenaphthene	14.32	153	702	0.050	ng/ul	95
9) Fluorene	15.32	166	371	0.023	ng/ul#	94
12) Phenanthrene	17.06	178	2028m	0.088	ng/ul	
13) Anthracene	17.15	178	3346m	0.153	ng/ul	
15) Fluoranthene	19.09	202	16770m	0.617	ng/ul	
17) Pyrene	19.45	202	14825m	0.722	ng/ul	
18) Benzo(a)anthracene	21.21	228	6988	0.411	ng/ul	97
19) Chrysene	21.26	228	11724	0.679	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	16481m	0.967	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	6068m	0.343	ng/ul	
23) Benzo(a)pyrene	23.34	252	9614	0.629	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.66	276	6428	0.366	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	1887	0.134	ng/ul#	83
26) Benzo(a,h,i)perylene	26.33	276	5374	0.363	ng/ul	100

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

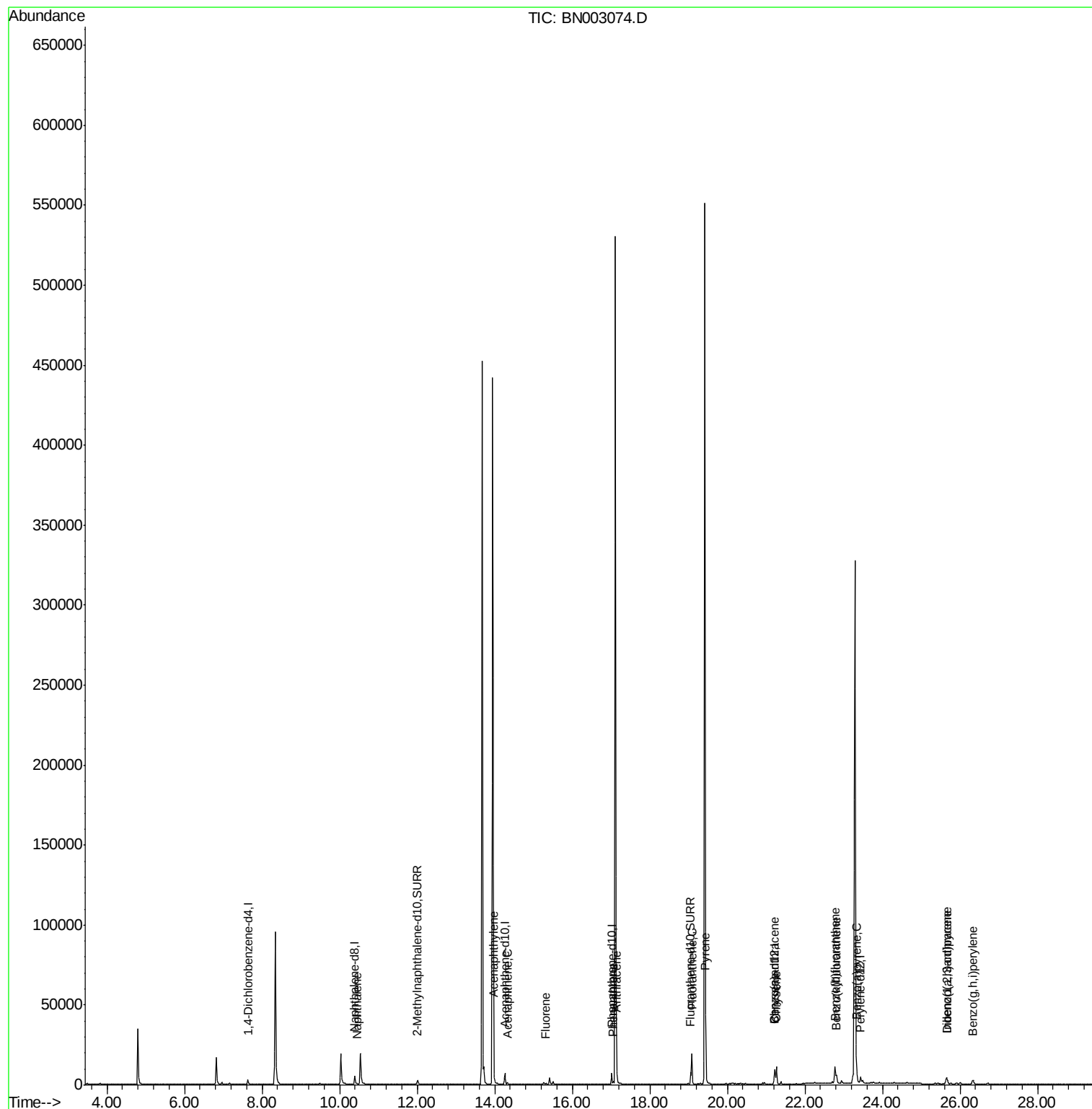
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003074.D
Acq On : 10 Oct 2018 21:06
Operator : MJ/SJ
Sample : J5157-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

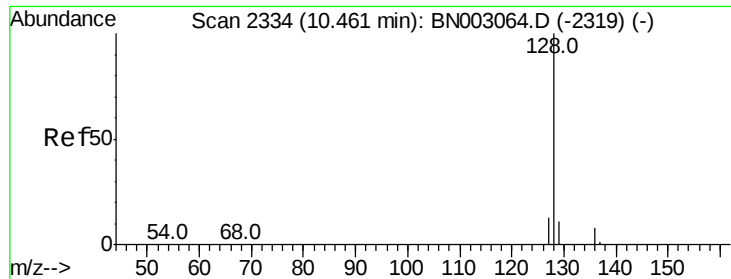
Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:39 PM

Quant Time: Oct 11 07:57:01 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: 0.037 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Instrument :

BNA_N

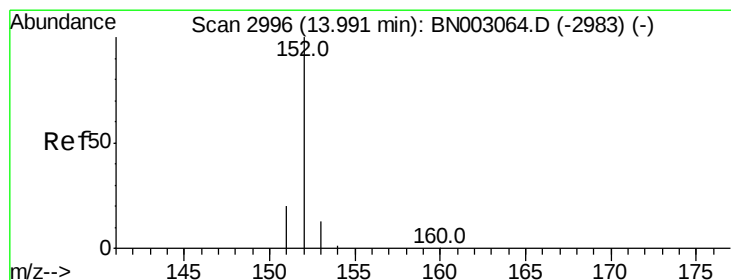
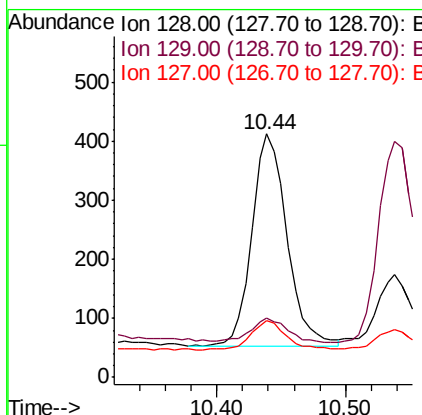
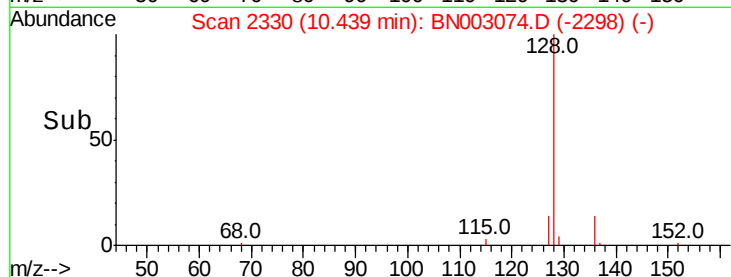
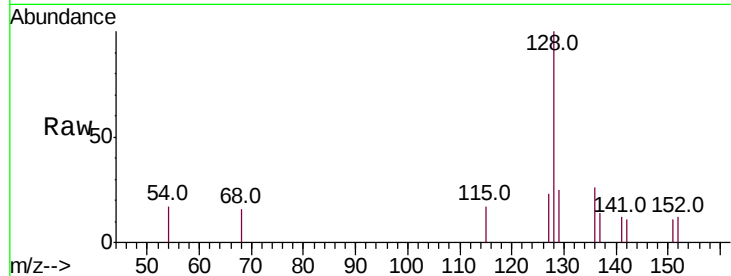
ClientSampled :

C0AE0

Tot Ion:	128	Resp:	673
Ion	Ratio	Lower	Upper
128	100		
129	24.5	10.4	15.6#
127	23.3	11.7	17.5#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:39 PM



#7

Acenaphthylene

Concen: 0.081 ng/ul

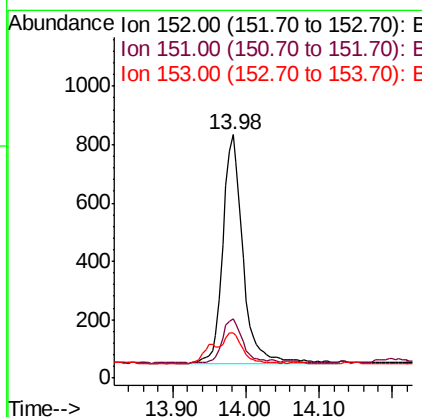
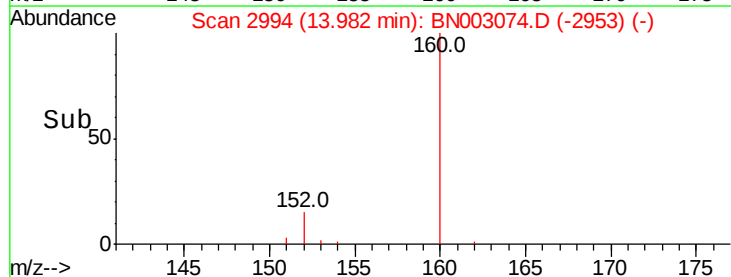
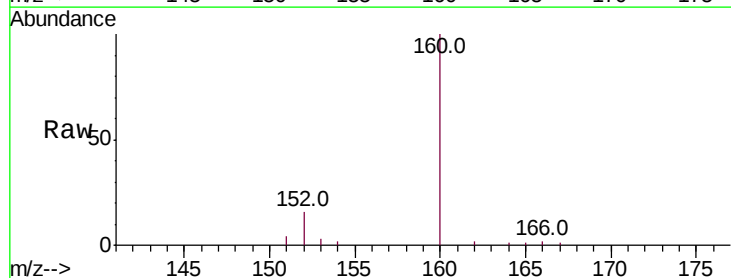
RT: 13.98 min Scan# 2994

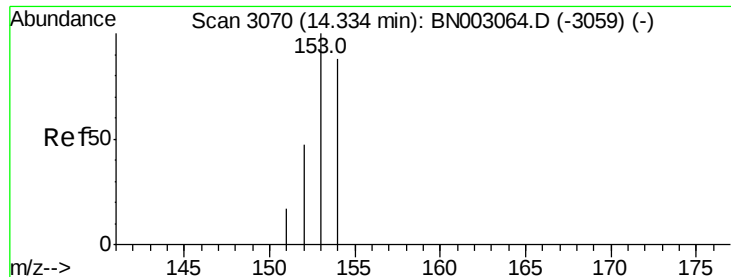
Delta R.T. -0.01 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Tgt Ion:	152	Resp:	1496
Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.5	24.7
153	18.6	11.4	17.2#





#8

Acenaphthene

Concen: 0.050 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Instrument :

BNA_N

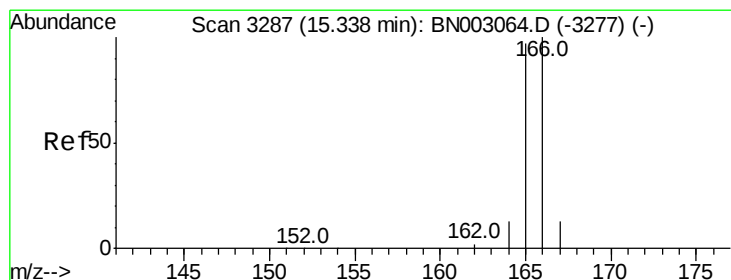
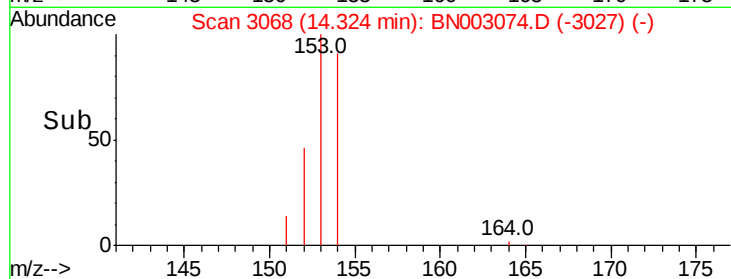
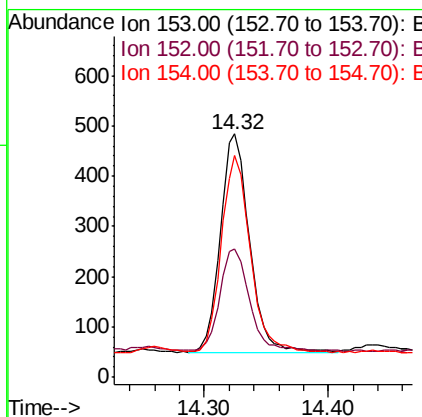
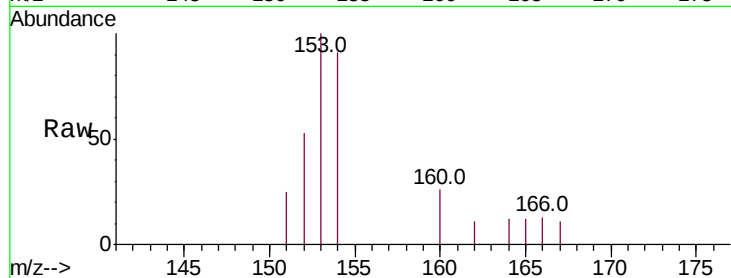
ClientSampled :

C0AE0

Tot Ion:	153	Resp:	702
Ion	Ratio	Lower	Upper
153	100		
152	52.7	38.2	57.4
154	90.9	70.2	105.2

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:39 PM



#9

Fluorene

Concen: 0.023 ng/ul

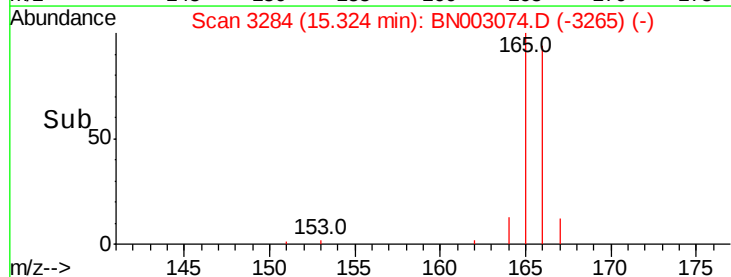
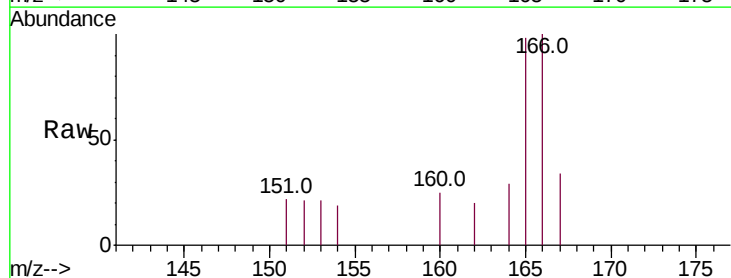
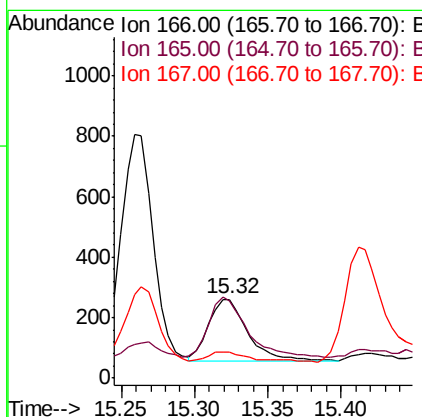
RT: 15.32 min Scan# 3284

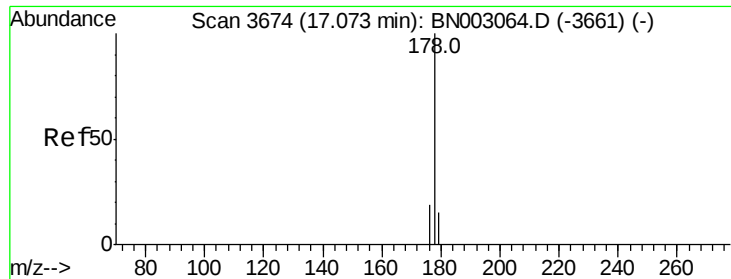
Delta R.T. -0.01 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Tgt Ion:	166	Resp:	371
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.5	117.7
167	33.7	11.6	17.4#





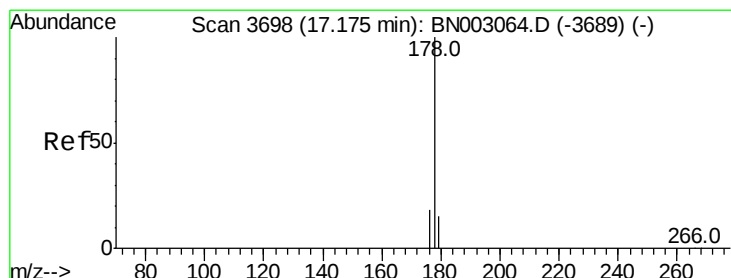
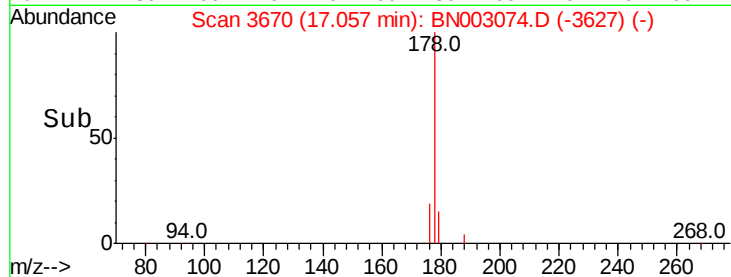
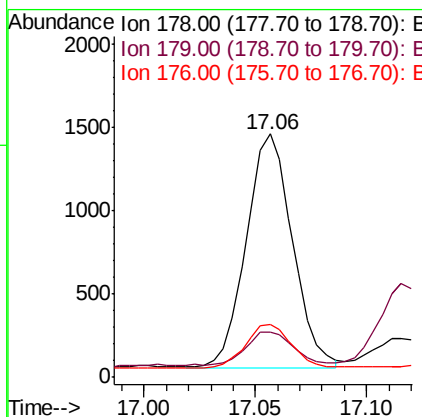
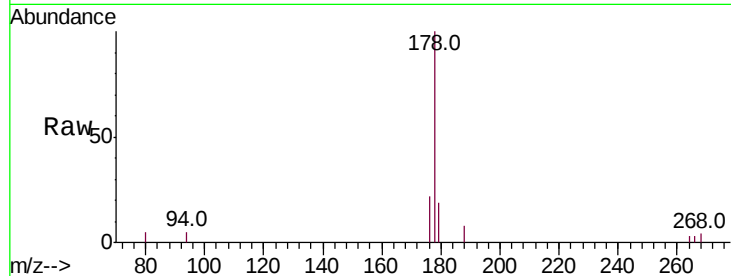
#12
Phenanthrene
Concen: 0.088 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.9	19.3
176	21.8	15.4	23.2

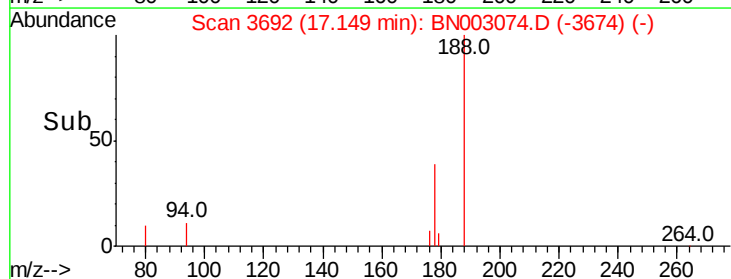
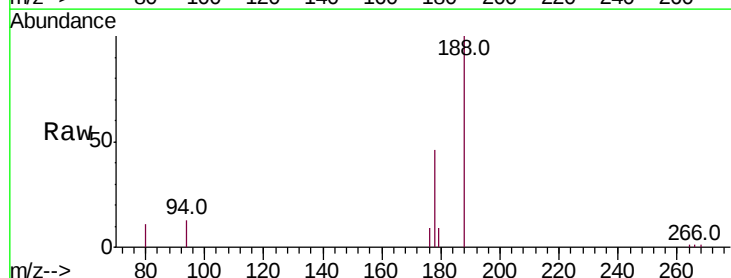
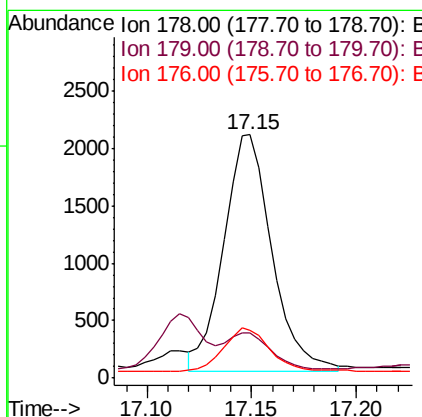
Manual Integrations
APPROVED

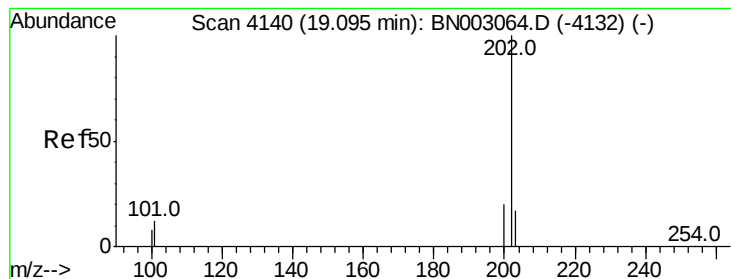
Sohil
10/11/2018 5:45:39 PM



#13
Anthracene
Concen: 0.153 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.0	19.6
176	19.4	15.3	22.9





#15

Fluoranthene

Concen: 0.617 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Instrument :

BNA_N

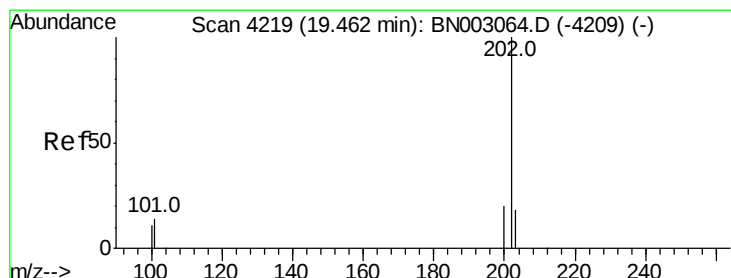
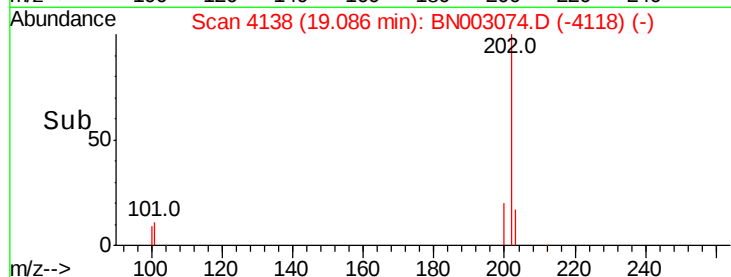
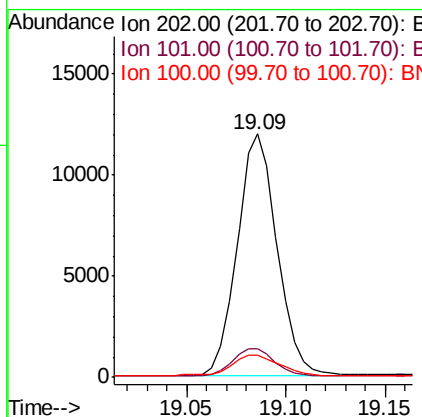
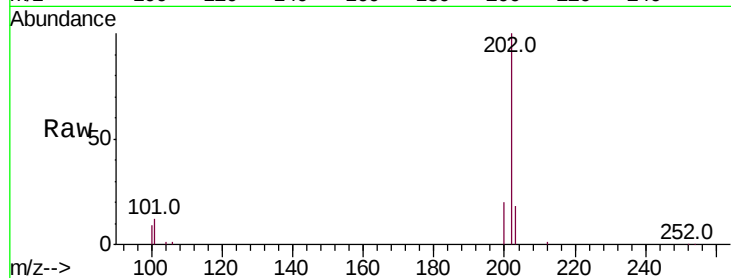
ClientSampleId :

C0AE0

Tot Ion:	202	Resp:	16770
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.3
100	9.1	0.0	29.1

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:39 PM



#17

Pyrene

Concen: 0.722 ng/ul m

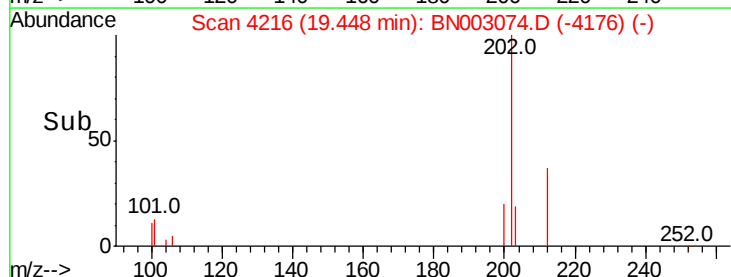
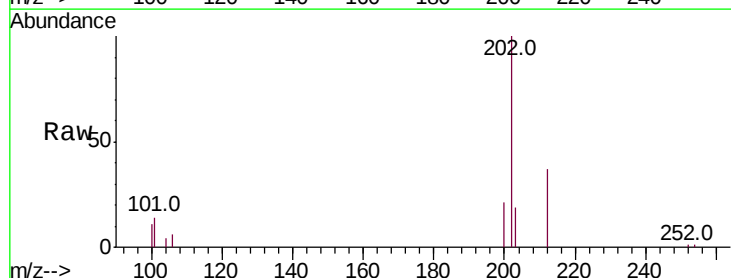
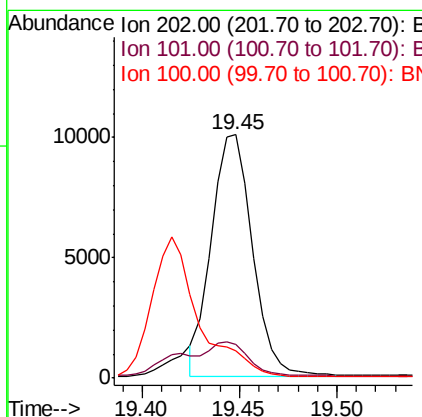
RT: 19.45 min Scan# 4216

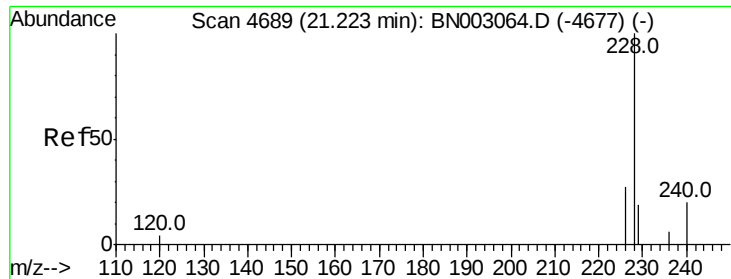
Delta R.T. -0.01 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Tgt Ion:	202	Resp:	14825
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.9	17.9
100	11.1	9.9	14.9





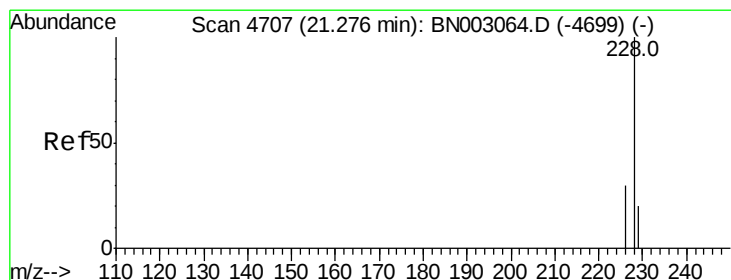
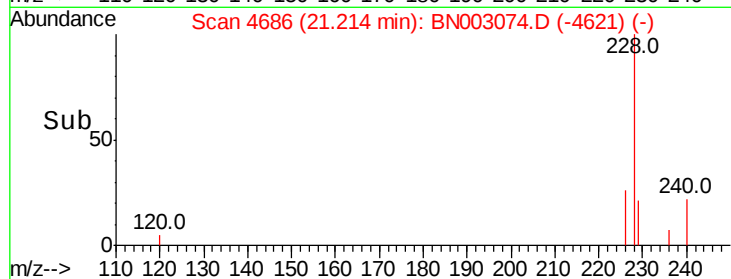
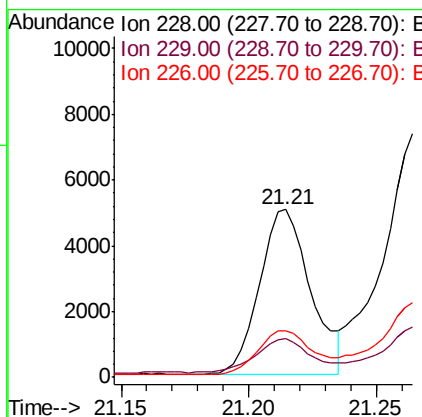
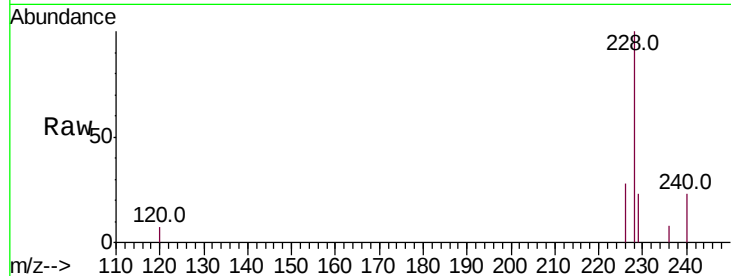
#18
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.21 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Instrument :
BNA_N
ClientSampled :
C0AE0

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.2
226	27.8	22.3	33.5

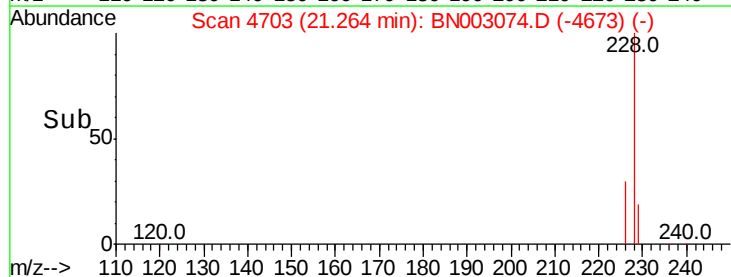
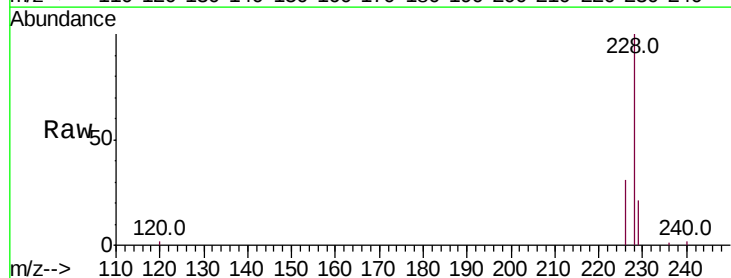
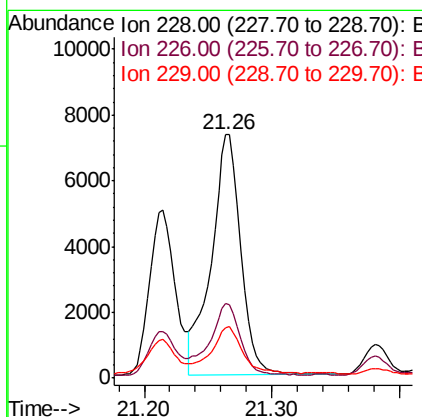
Manual Integrations
APPROVED

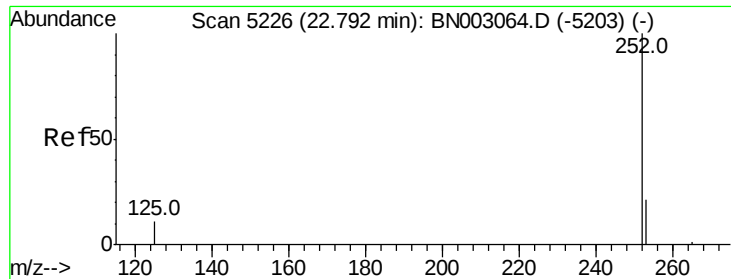
Sohil
10/11/2018 5:45:39 PM



#19
Chrysene
Concen: 0.679 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.8	16.7	25.1





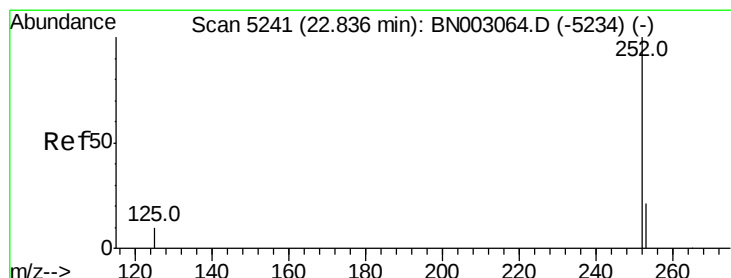
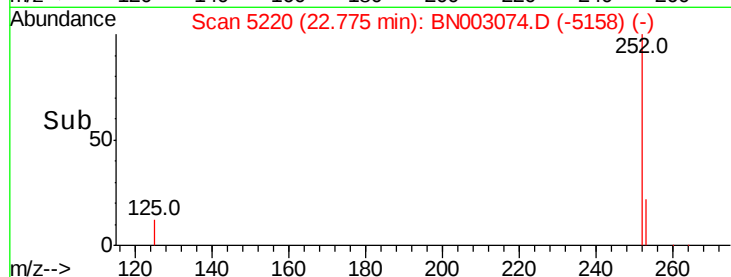
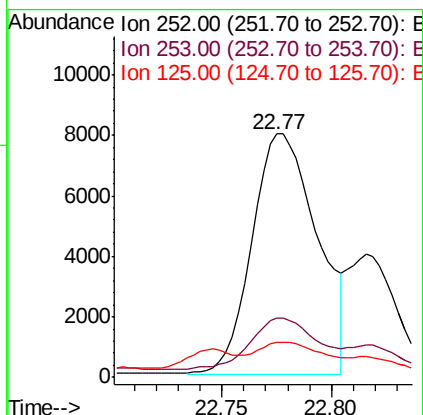
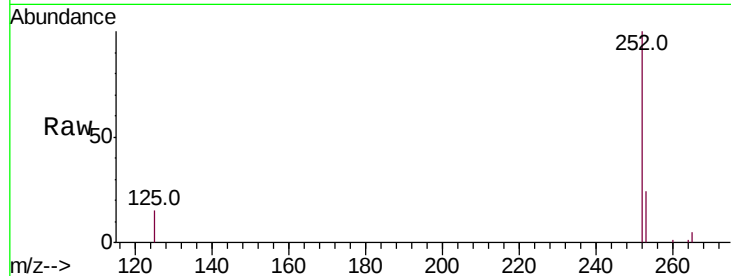
#21
Benzo(b)fluoranthene
Concen: 0.967 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.02 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Instrument :
BNA_N
ClientSampled :
C0AE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	53.2
125	14.6	0.0	34.2

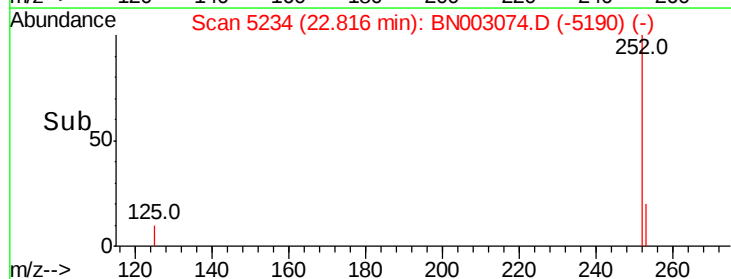
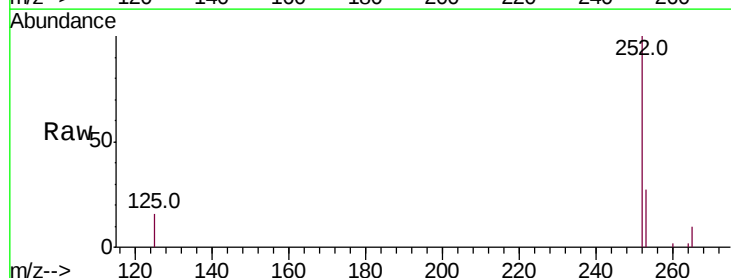
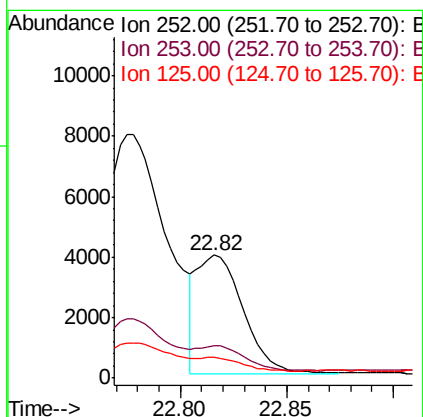
Manual Integrations
APPROVED

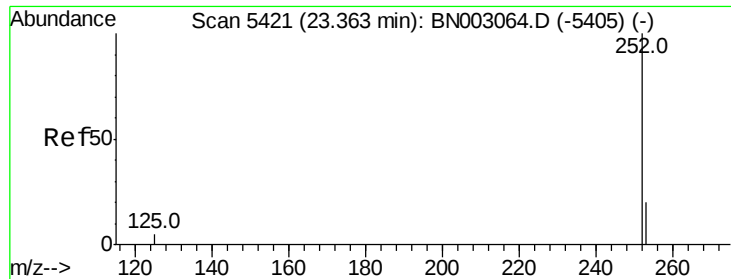
Sohil
10/11/2018 5:45:39 PM



#22
Benzo(k)fluoranthene
Concen: 0.343 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.3	31.9
125	16.5	14.1	21.1





#23

Benzo(a)pyrene

Concen: 0.629 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.03 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Instrument :

BNA_N

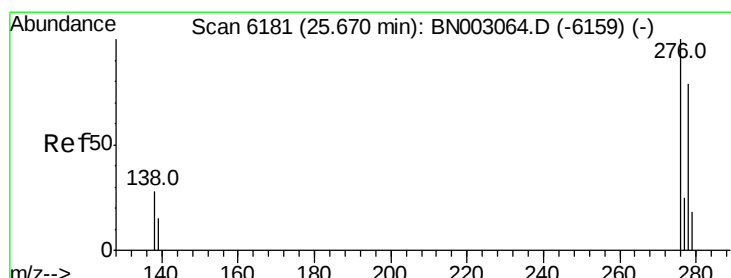
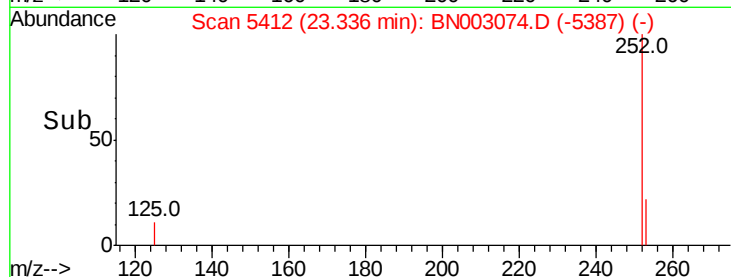
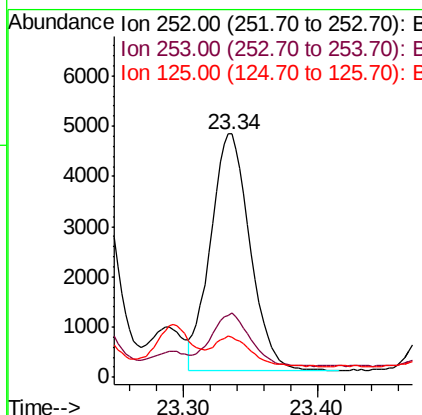
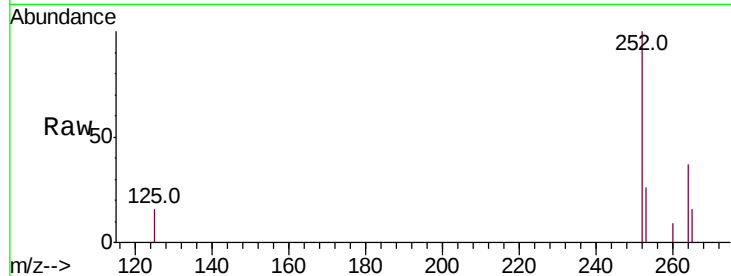
ClientSampleId :

C0AE0

Tot Ion:	252	Resp:	9614
Ion Ratio	Lower	Upper	
252	100		
253	26.3	23.1	34.7
125	16.4	16.9	25.3#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:39 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng/ul

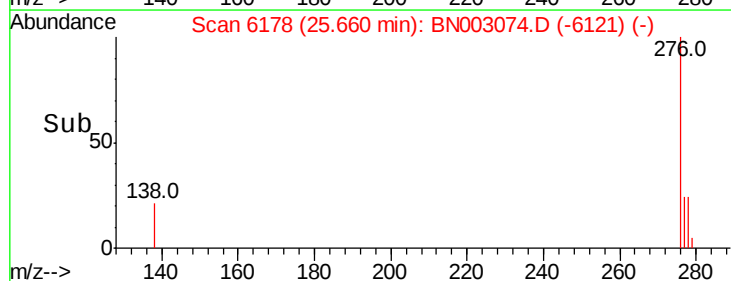
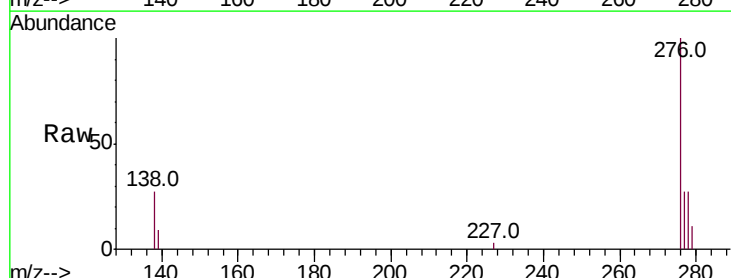
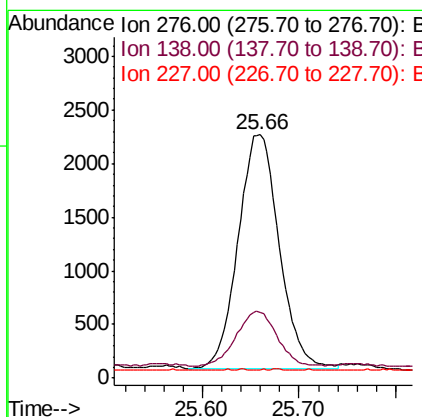
RT: 25.66 min Scan# 6178

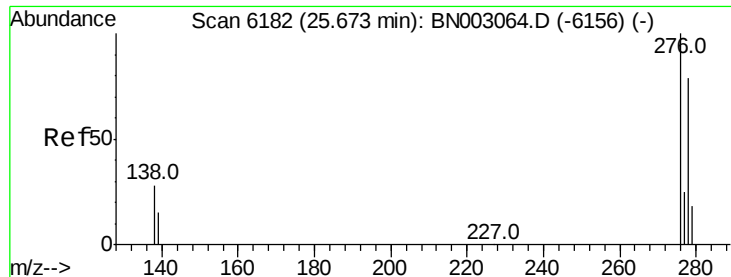
Delta R.T. -0.01 min

Lab File: BN003074.D

Acq: 10 Oct 2018 21:06

Tgt Ion:	276	Resp:	6428
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.5	32.3
227	0.0	0.3	0.5#





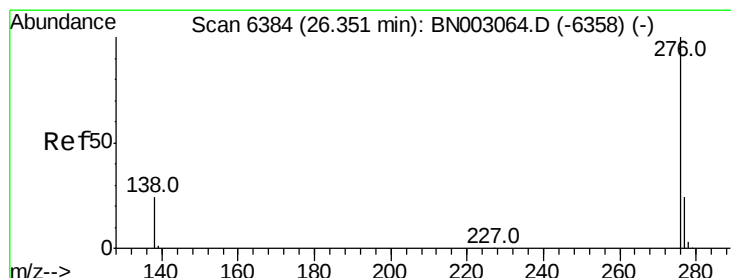
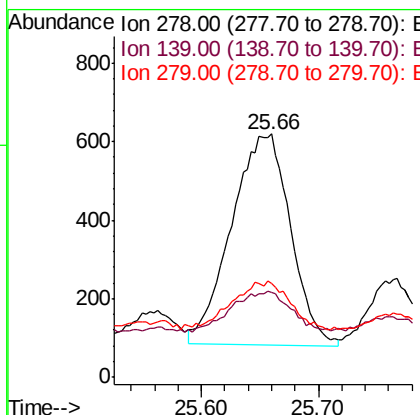
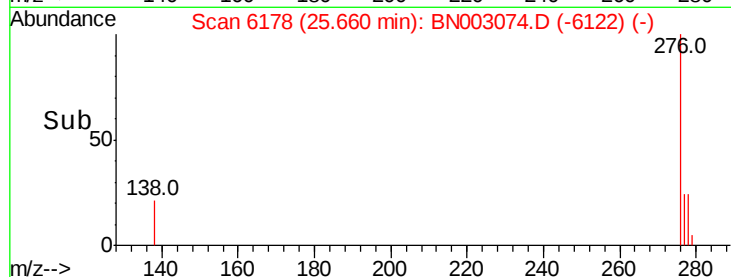
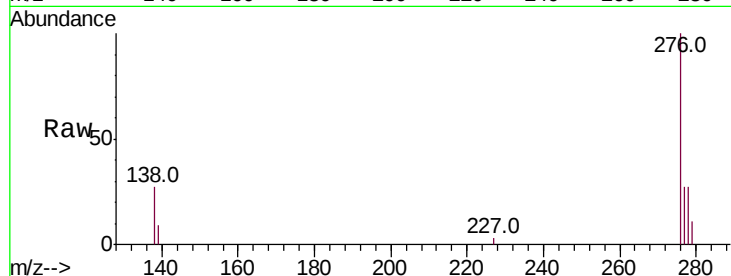
#25
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.01 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.7	20.2	30.4#
279	38.7	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:39 PM



#26
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.33 min Scan# 6379
Delta R.T. -0.02 min
Lab File: BN003074.D
Acq: 10 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.4
277	27.1	22.0	33.0

