

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003100.D
 Acq On : 11 Oct 2018 13:35
 Operator : MJ/SJ
 Sample : J5230-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:09 PM

Quant Time: Oct 11 16:52:42 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 16:42:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1711	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6856	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3726	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6672m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4614m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4781	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3095	0.29	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	4868m	0.26	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	14953	0.850	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	12538	1.035	ng/ul	97
7) Acenaphthylene	13.98	152	29314	1.720	ng/ul	99
8) Acenaphthene	14.32	153	920	0.071	ng/ul#	92
9) Fluorene	15.32	166	1822	0.123	ng/ul#	81
12) Phenanthrene	17.05	178	53428m	2.873	ng/ul	
13) Anthracene	17.15	178	25650m	1.460	ng/ul	
15) Fluoranthene	19.08	202	170600m	7.819	ng/ul	
17) Pyrene	19.45	202	146418	8.170	ng/ul	95
18) Benzo(a)anthracene	21.21	228	83738m	5.640	ng/ul	
19) Chrysene	21.26	228	103552	6.868	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	162280m	9.425	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	50961m	2.855	ng/ul	
23) Benzo(a)pyrene	23.34	252	73707	4.777	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.64	276	68817	3.881	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	19692	1.387	ng/ul	96
26) Benzo(a,h,i)perylene	26.31	276	57523	3.847	ng/ul	93

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

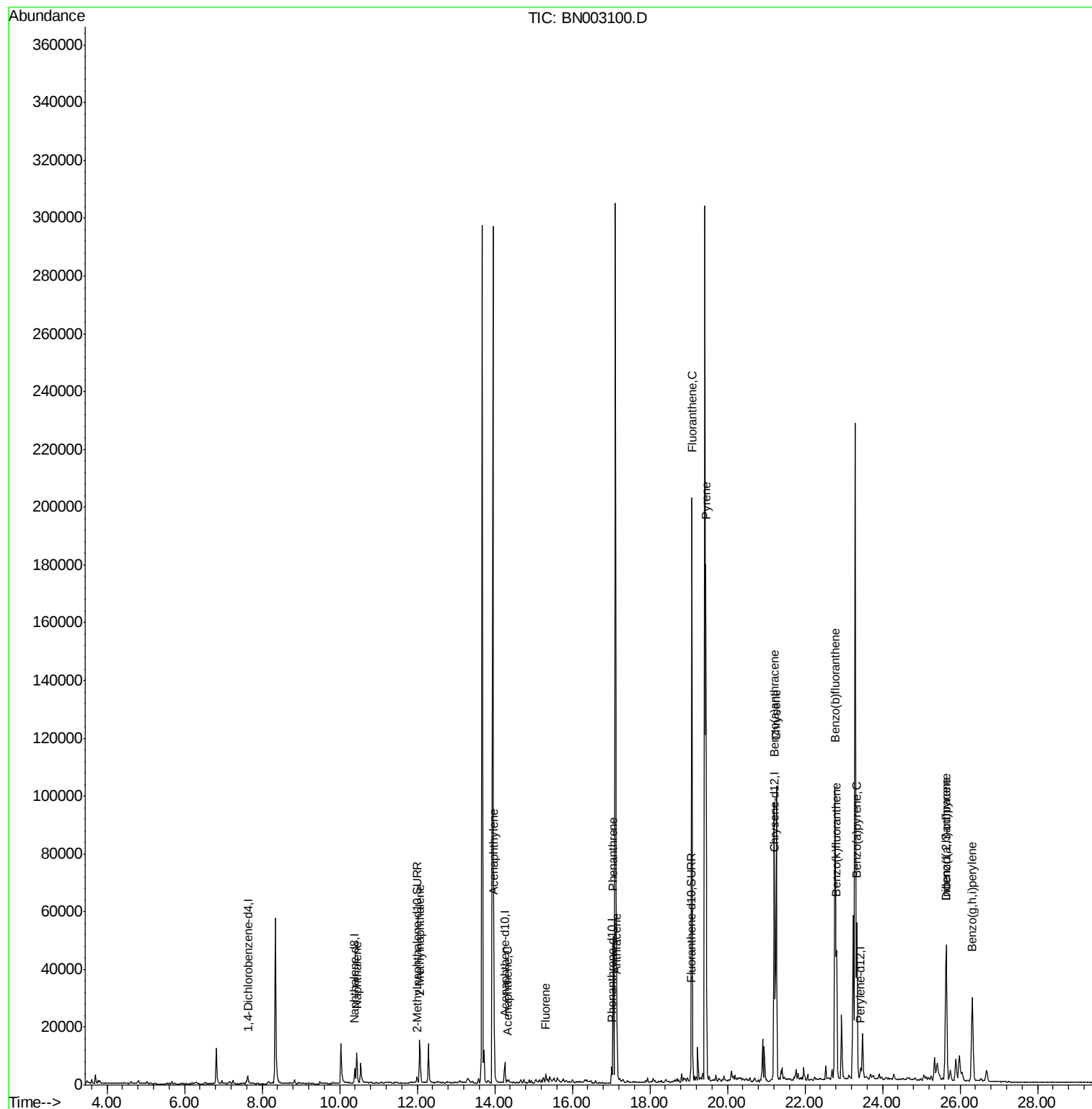
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003100.D
Acq On : 11 Oct 2018 13:35
Operator : MJ/SJ
Sample : J5230-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

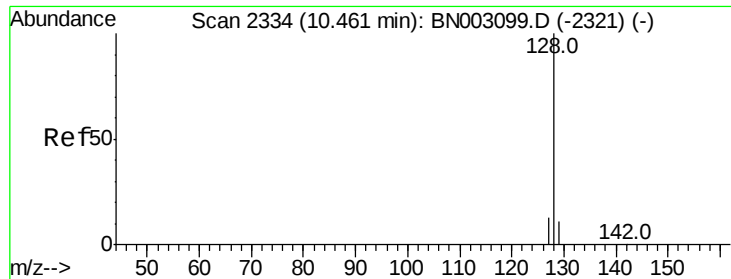
Instrument :
BNA_N
ClientSampleId :
A3Z04

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:09 PM

Quant Time: Oct 11 16:52:42 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 16:42:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.850 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Instrument :

BNA_N

ClientSampleId :

A3Z04

Tot Ion:128 Resp: 14953

Ion Ratio Lower Upper

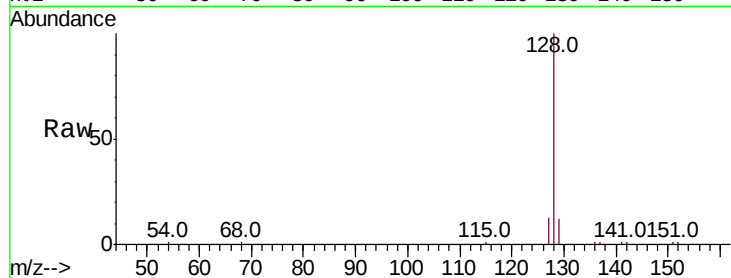
128 100

129 11.7 10.4 15.6

127 13.4 11.7 17.5

Manual Integrations
APPROVED

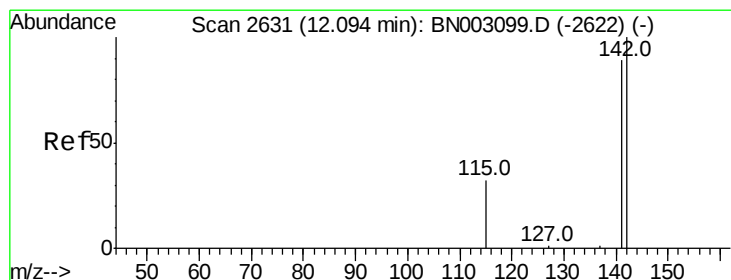
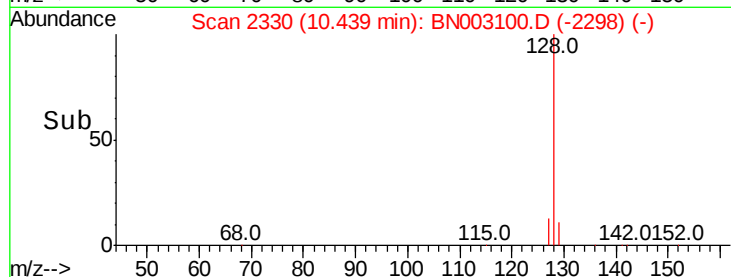
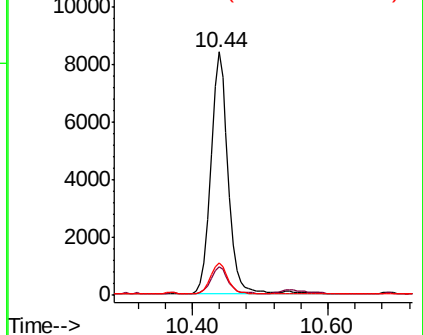
Sohil
10/12/2018 6:38:09 PM



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: 1.035 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.03 min

Lab File: BN003100.D

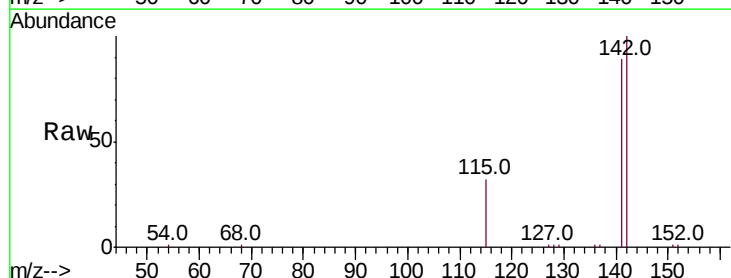
Acq: 11 Oct 2018 13:35

Tgt Ion:142 Resp: 12538

Ion Ratio Lower Upper

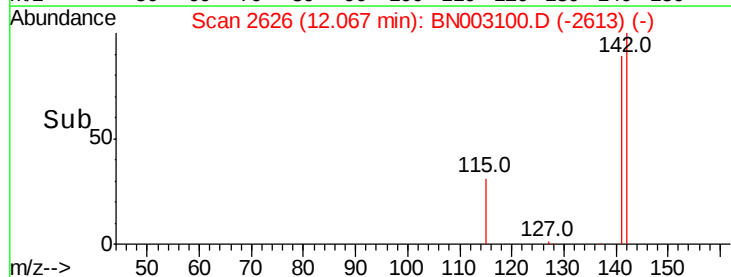
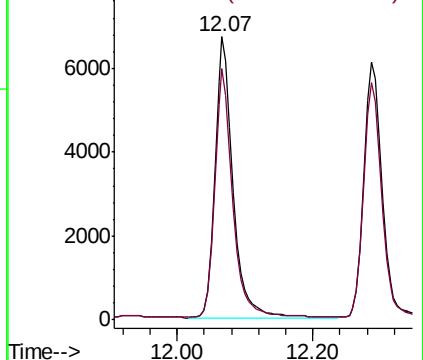
142 100

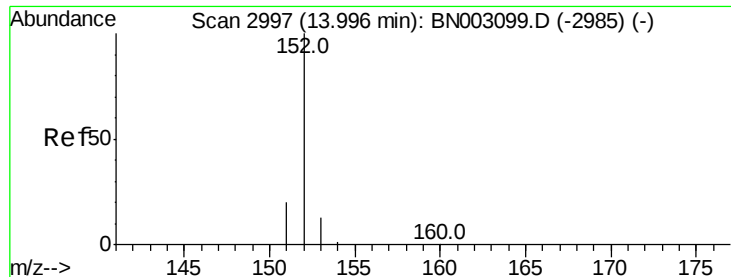
141 88.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.720 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Instrument :

BNA_N

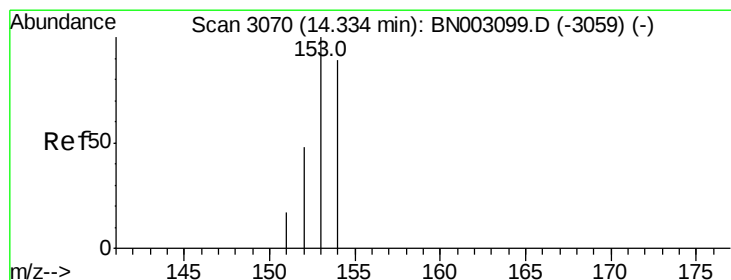
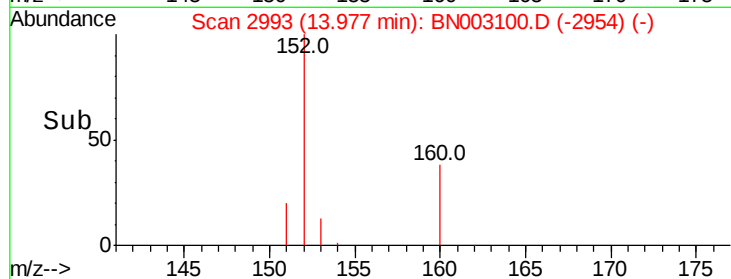
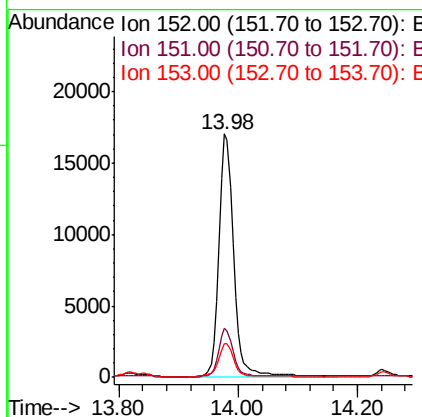
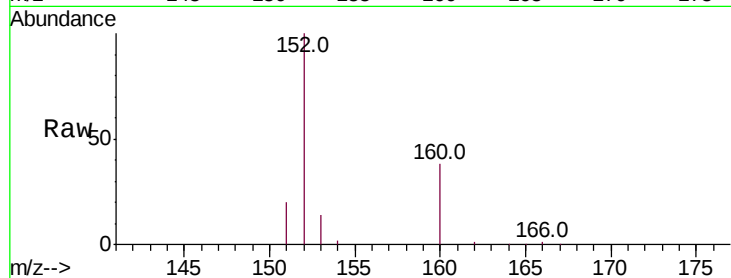
ClientSampleId :

A3Z04

Tot Ion:	152	Resp:	29314
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.5	24.7
153	14.0	11.4	17.2

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:09 PM



#8

Acenaphthene

Concen: 0.071 ng/ul

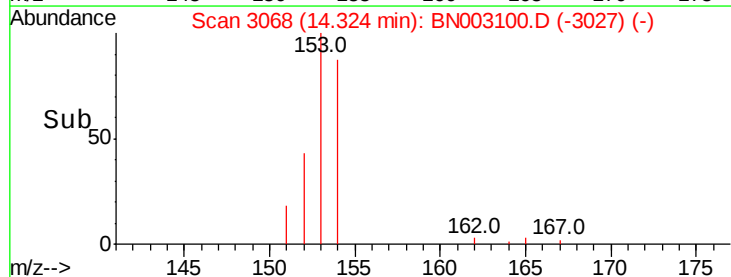
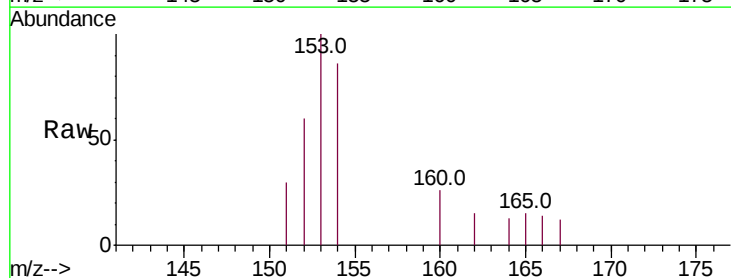
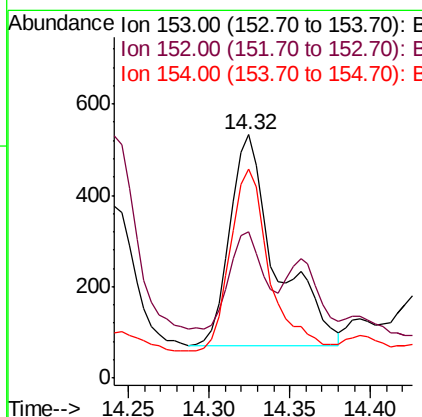
RT: 14.32 min Scan# 3068

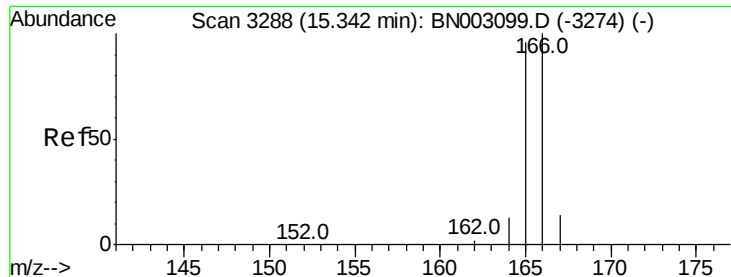
Delta R.T. -0.01 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Tgt Ion:	153	Resp:	920
Ion Ratio	Lower	Upper	
153	100		
152	60.0	38.2	57.4#
154	85.9	70.2	105.2





#9

Fluorene

Concen: 0.123 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Instrument :

BNA_N

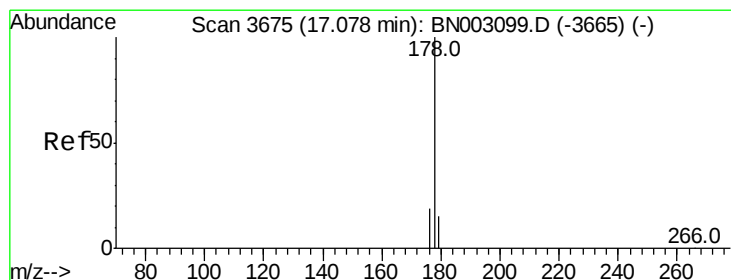
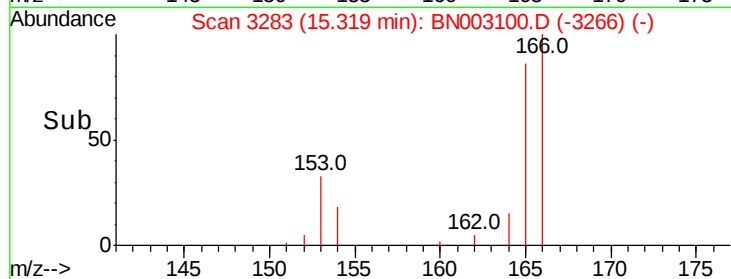
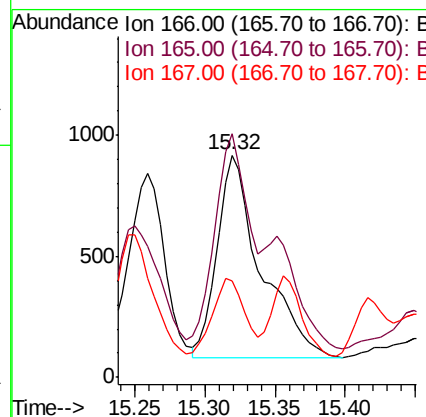
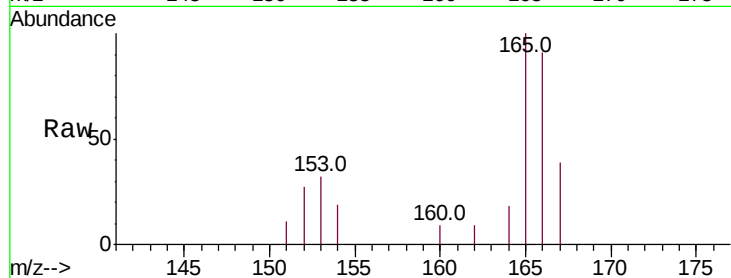
ClientSampleId :

A3Z04

Tot Ion:	166	Resp:	1822
Ion Ratio	Lower	Upper	
166	100		
165	109.6	78.5	117.7
167	43.1	11.6	17.4#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:09 PM



#12

Phenanthrene

Concen: 2.873 ng/ul m

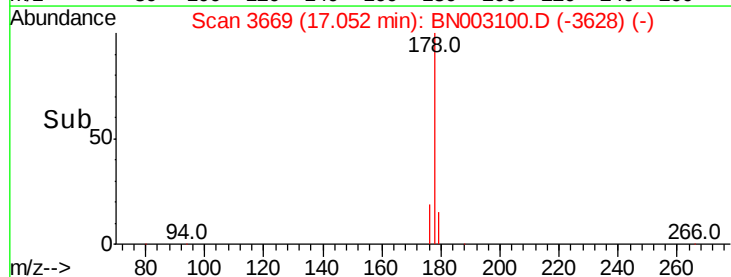
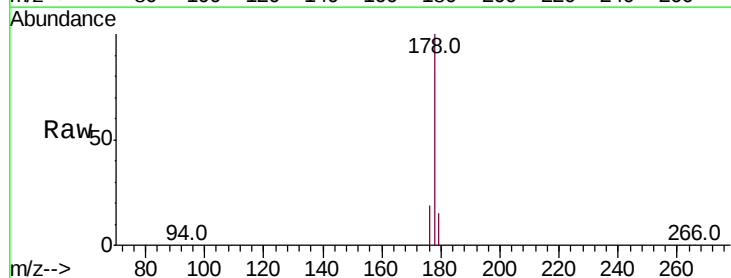
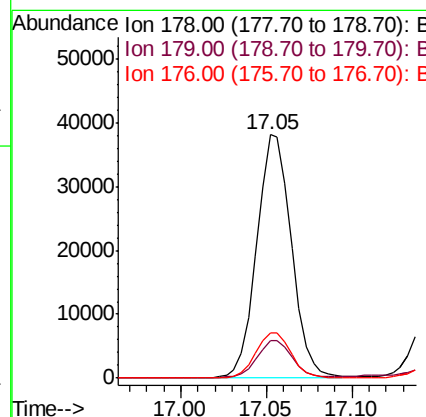
RT: 17.05 min Scan# 3669

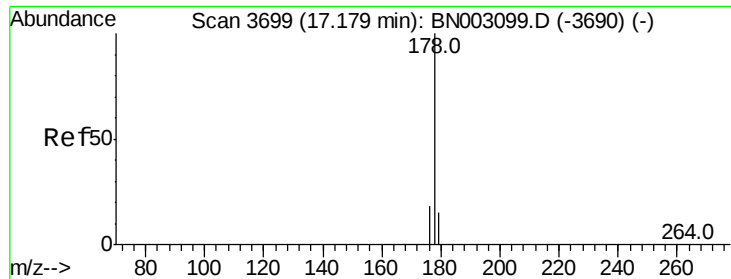
Delta R.T. -0.03 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Tgt Ion:	178	Resp:	53428
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.9	19.3
176	18.8	15.4	23.2





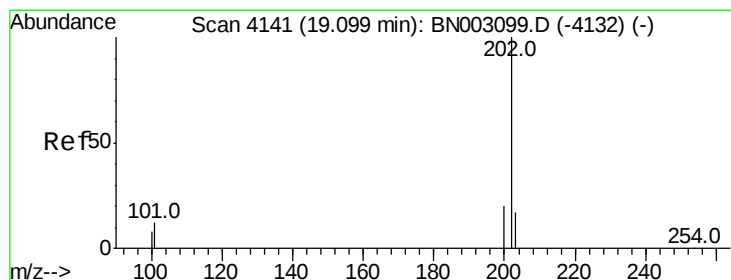
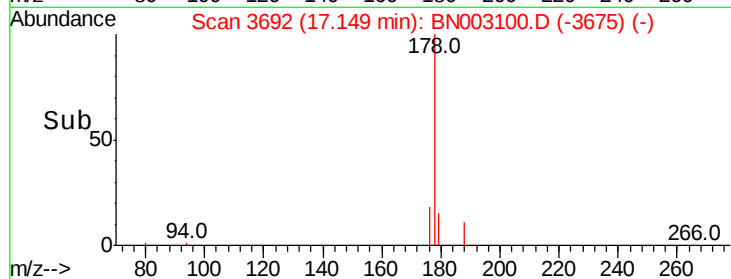
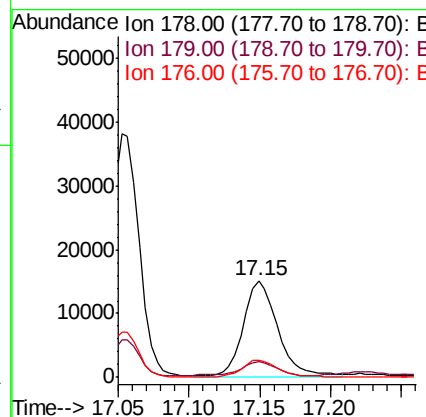
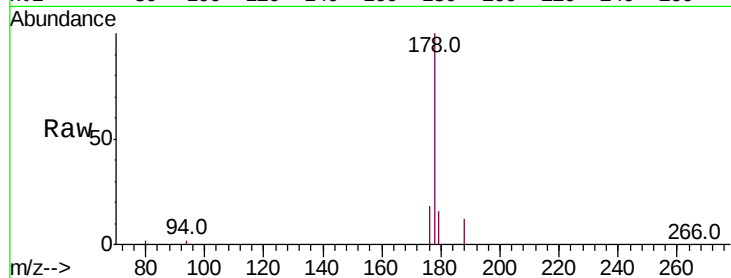
#13
 Anthracene
 Concen: 1.460 ng/ul m
 RT: 17.15 min Scan# 3692
 Delta R.T. -0.03 min
 Lab File: BN003100.D
 Acq: 11 Oct 2018 13:35

Instrument :
 BNA_N
 ClientSampled :
 A3Z04

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.3	15.3	22.9

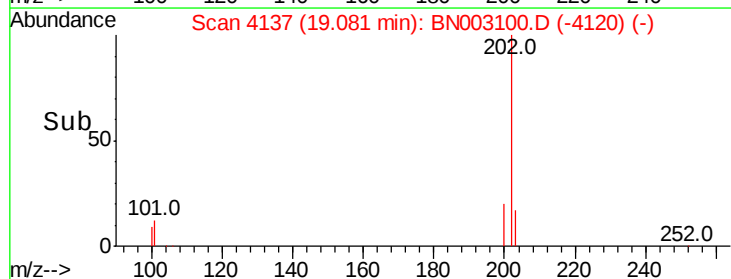
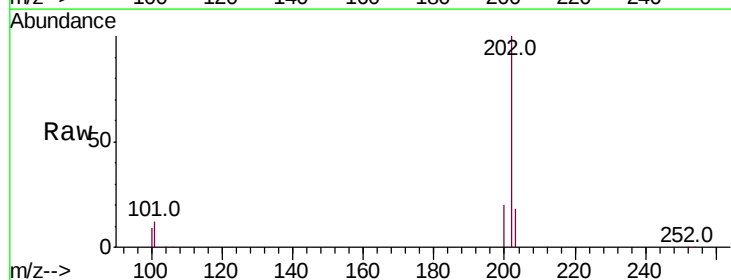
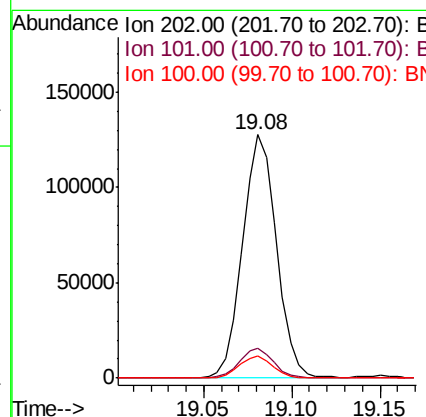
Manual Integrations
 APPROVED

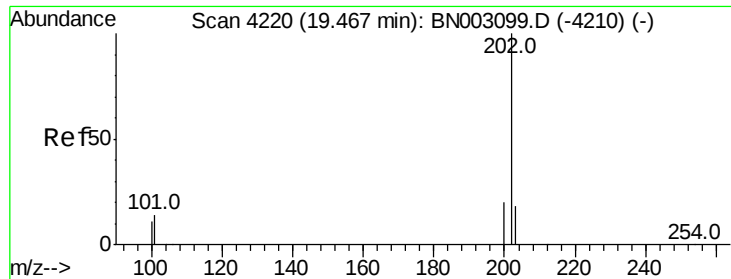
Sohil
 10/12/2018 6:38:09 PM



#15
 Fluoranthene
 Concen: 7.819 ng/ul m
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.02 min
 Lab File: BN003100.D
 Acq: 11 Oct 2018 13:35

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





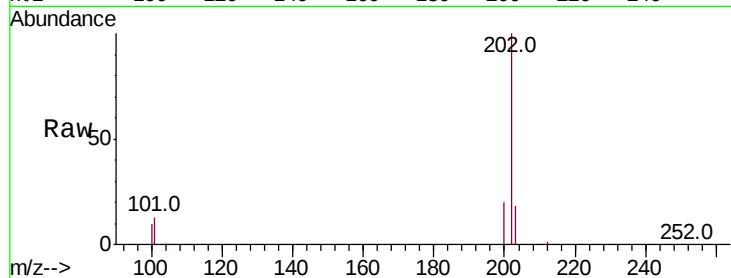
#17
Pvrene
Concen: 8.170 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003100.D
Acq: 11 Oct 2018 13:35

Instrument :
BNA_N
ClientSampleId :
A3Z04

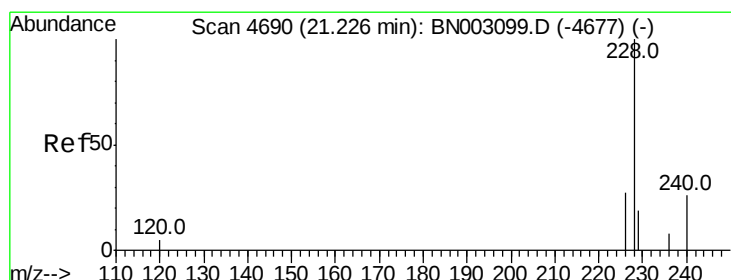
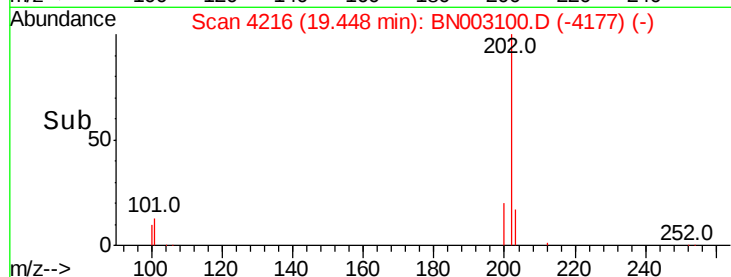
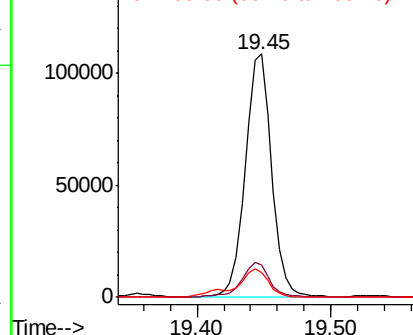
Tot Ion:202	Resp:	146418
Ion Ratio	Lower	Upper
202	100	
101	13.2	11.9 17.9
100	10.4	9.9 14.9

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:09 PM



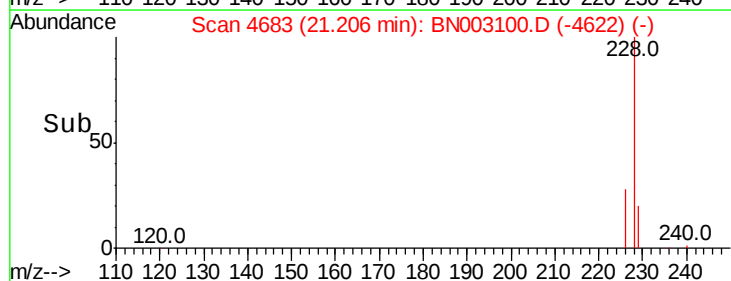
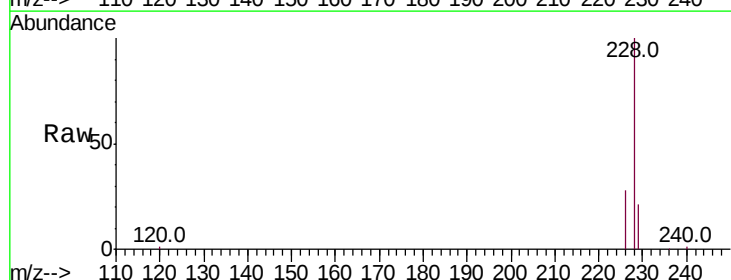
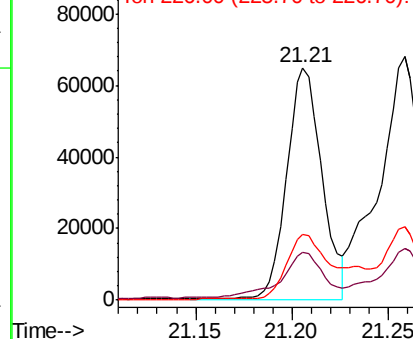
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

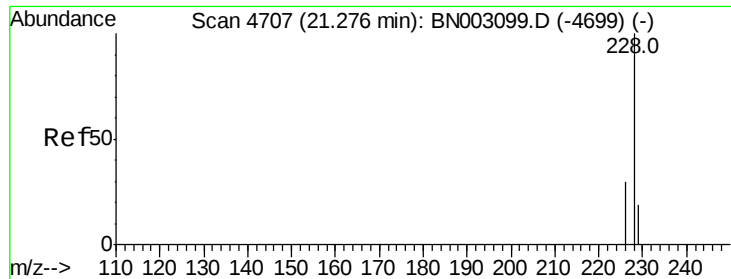


#18
Benzo(a)anthracene
Concen: 5.640 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003100.D
Acq: 11 Oct 2018 13:35

Tgt Ion:228	Resp:	83738
Ion Ratio	Lower	Upper
228	100	
229	20.7	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: 6.868 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. -0.02 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Instrument :

BNA_N

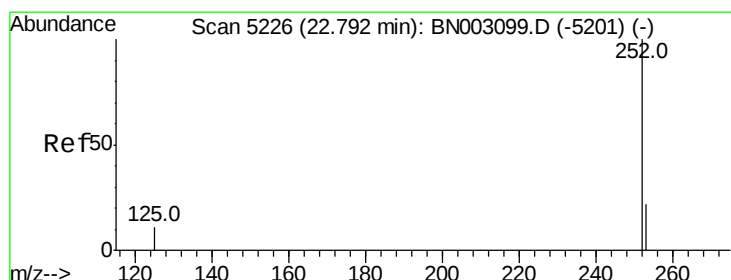
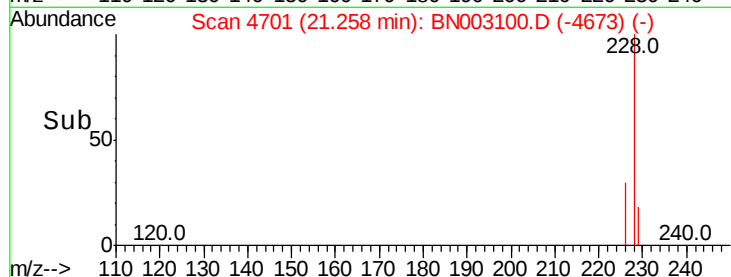
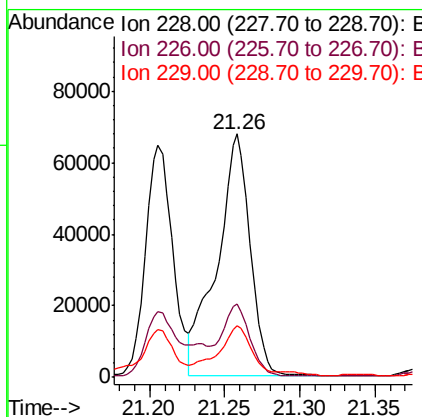
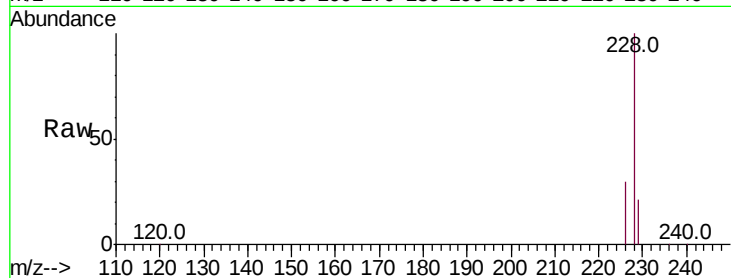
ClientSampled :

A3Z04

Tot Ion:	228	Resp:	103552
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.4
229	21.1	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:09 PM



#21

Benzo(b)fluoranthene

Concen: 9.425 ng/ul m

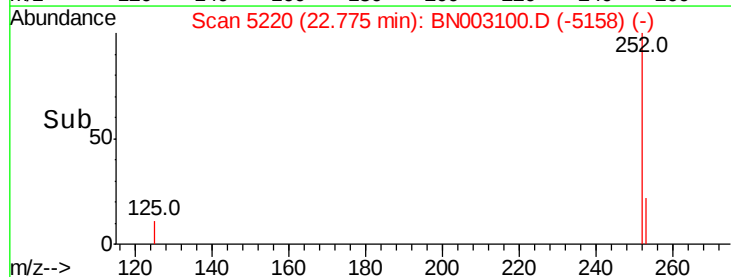
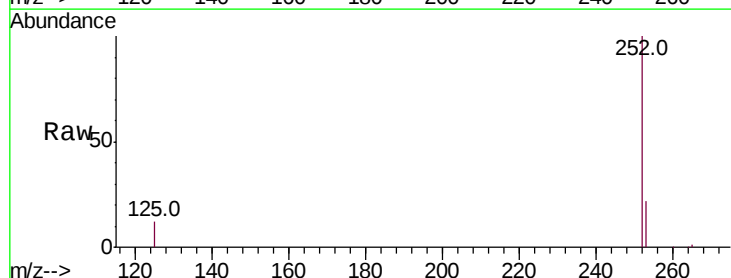
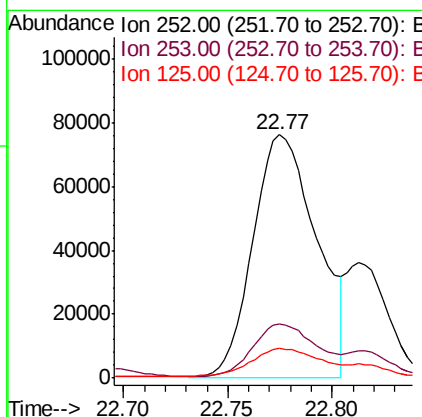
RT: 22.77 min Scan# 5220

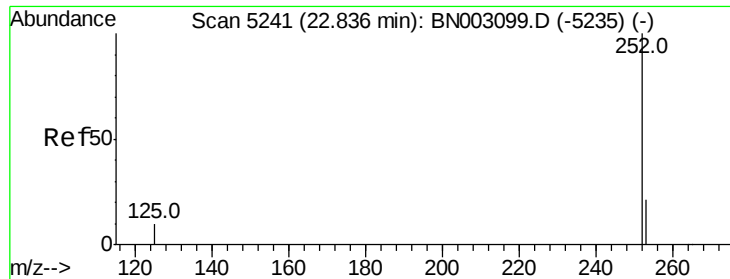
Delta R.T. -0.02 min

Lab File: BN003100.D

Acq: 11 Oct 2018 13:35

Tgt Ion:	252	Resp:	162280
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	53.2
125	12.0	0.0	34.2





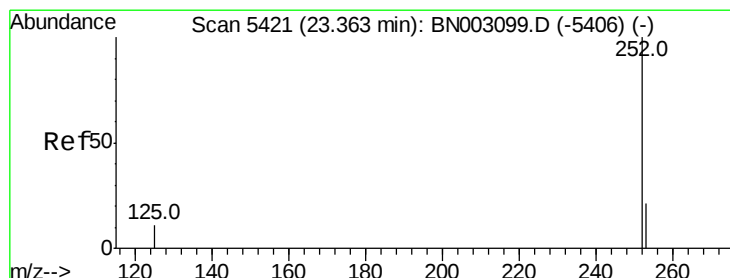
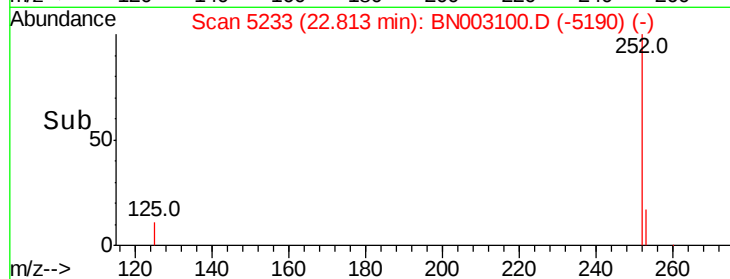
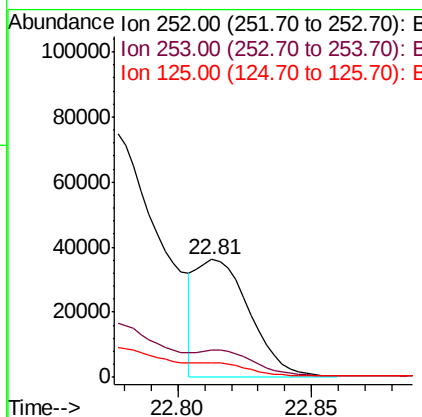
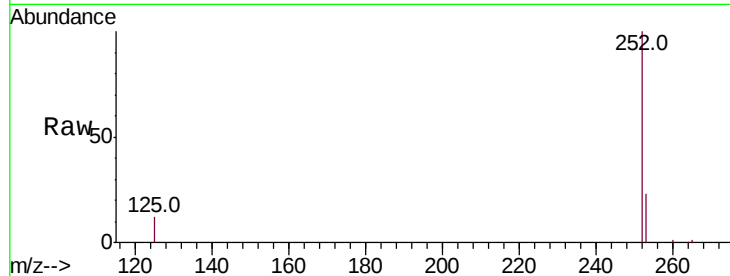
#22
Benzo(k)fluoranthene
Concen: 2.855 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003100.D
Acq: 11 Oct 2018 13:35

Instrument :
BNA_N
ClientSampled :
A3Z04

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.3	31.9
125	12.1	14.1	21.1#

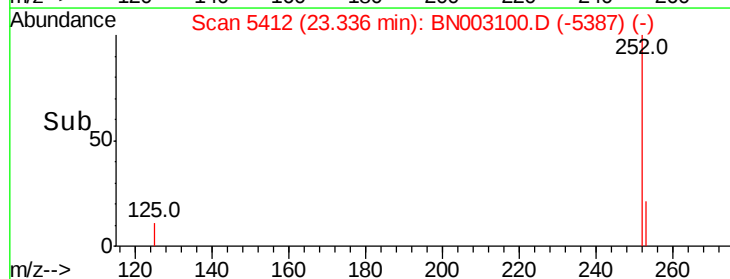
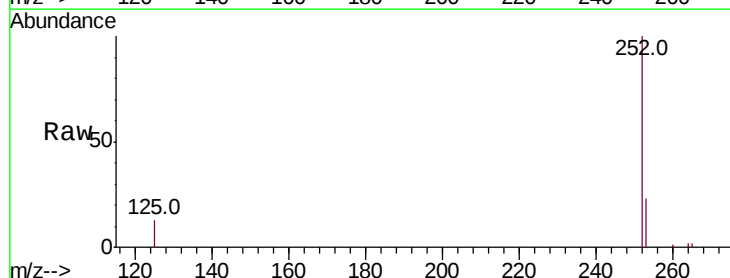
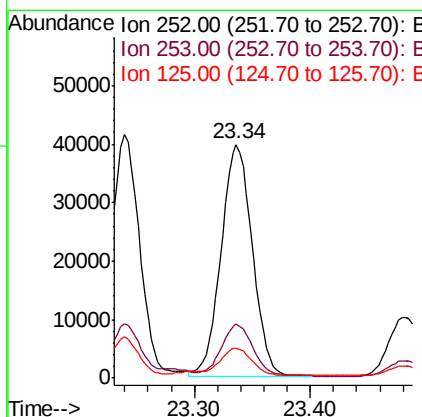
Manual Integrations
APPROVED

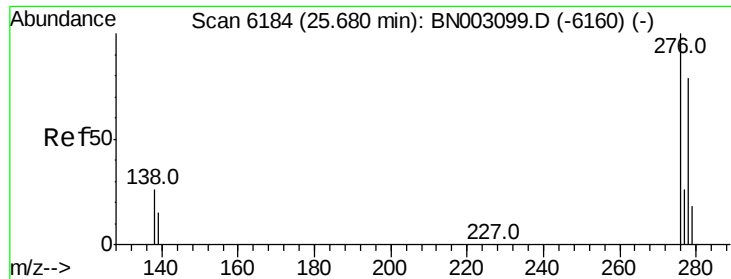
Sohil
10/12/2018 6:38:09 PM



#23
Benzo(a)pyrene
Concen: 4.777 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.03 min
Lab File: BN003100.D
Acq: 11 Oct 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.1	34.7#
125	12.8	16.9	25.3#





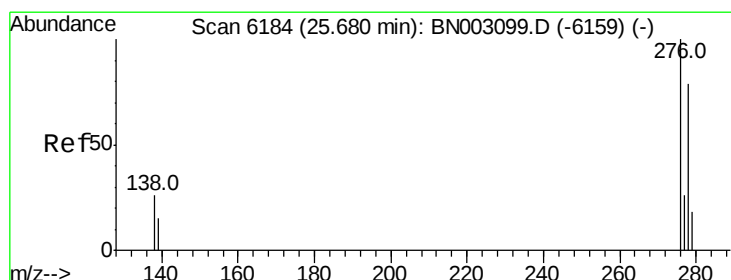
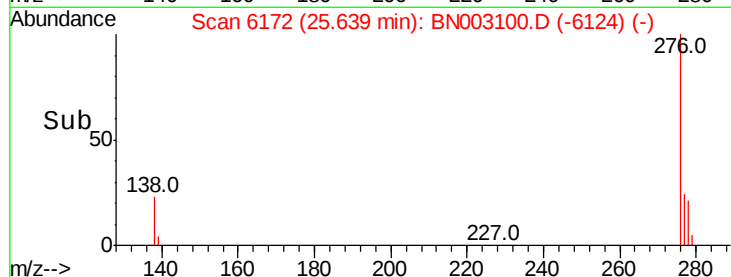
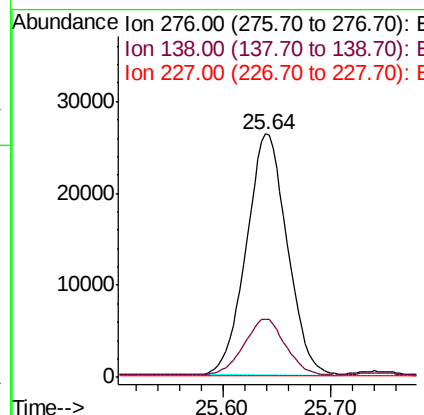
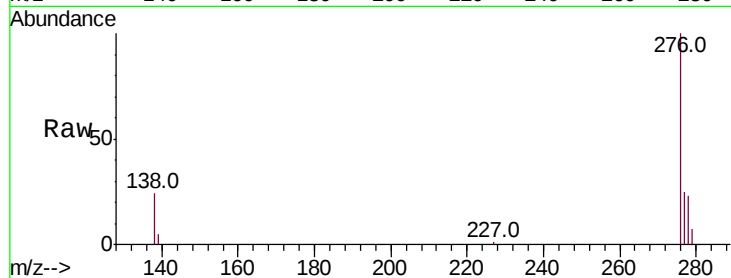
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.881 ng/ul
 RT: 25.64 min Scan# 6172
 Delta R.T. -0.04 min
 Lab File: BN003100.D
 Acq: 11 Oct 2018 13:35

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.5	32.3
227	0.2	0.3	0.5

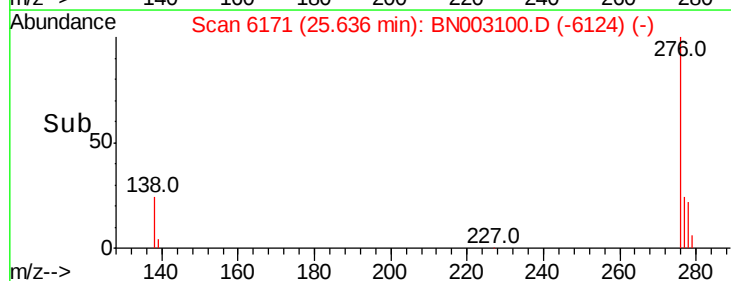
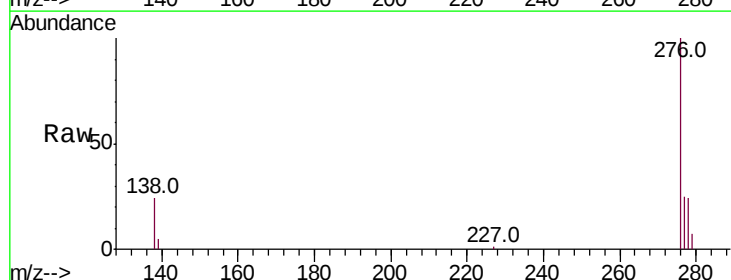
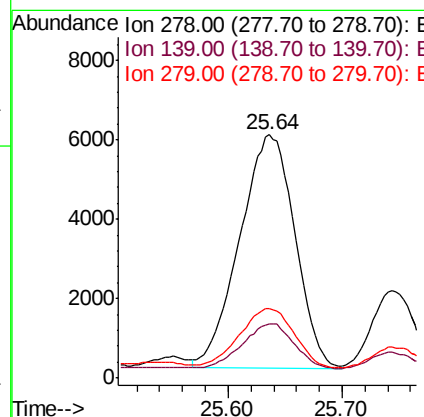
Manual Integrations
 APPROVED

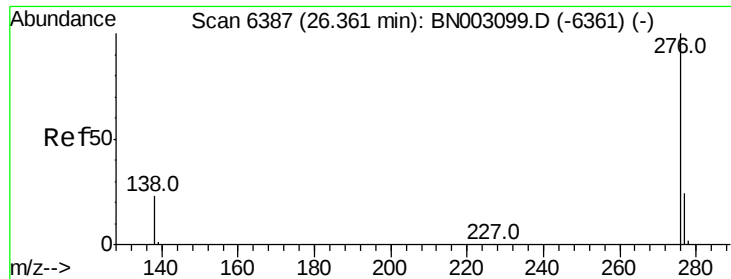
Sohil
 10/12/2018 6:38:09 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.387 ng/ul
 RT: 25.64 min Scan# 6171
 Delta R.T. -0.04 min
 Lab File: BN003100.D
 Acq: 11 Oct 2018 13:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	20.2	30.4
279	28.6	23.8	35.8





#26
 Benzo(a,h,i)perylene
 Concen: 3.847 ng/ul
 RT: 26.31 min Scan# 6373
 Delta R.T. -0.05 min
 Lab File: BN003100.D
 Acq: 11 Oct 2018 13:35

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.0	34.4
277	24.0	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:09 PM

