

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003117.D
 Acq On : 11 Oct 2018 23:32
 Operator : MJ/SJ
 Sample : J5230-04DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0DL

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:26 PM

Quant Time: Oct 12 07:11:02 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	1711	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	7082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3825	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7729	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5089	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5487	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	599	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	1132	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	2025	0.111	ng/ul#	93
5) 2-Methylnaphthalene	12.09	142	1285	0.103	ng/ul	95
7) Acenaphthylene	13.98	152	15684	0.896	ng/ul	99
8) Acenaphthene	14.32	153	703	0.053	ng/ul#	93
9) Fluorene	15.32	166	1180	0.078	ng/ul#	96
12) Phenanthrene	17.06	178	27316	1.268	ng/ul	99
13) Anthracene	17.15	178	15645	0.769	ng/ul	99
15) Fluoranthene	19.08	202	123208	4.874	ng/ul	100
17) Pyrene	19.45	202	104145	5.269	ng/ul	97
18) Benzo(a)anthracene	21.21	228	49771	3.039	ng/ul	100
19) Chrysene	21.26	228	55232	3.321	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	80302m	4.064	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	31191m	1.523	ng/ul	
23) Benzo(a)pyrene	23.34	252	41666	2.353	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.64	276	34433	1.692	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	10006	0.614	ng/ul	100
26) Benzo(a,h,i)perylene	26.32	276	28406	1.655	ng/ul	94

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

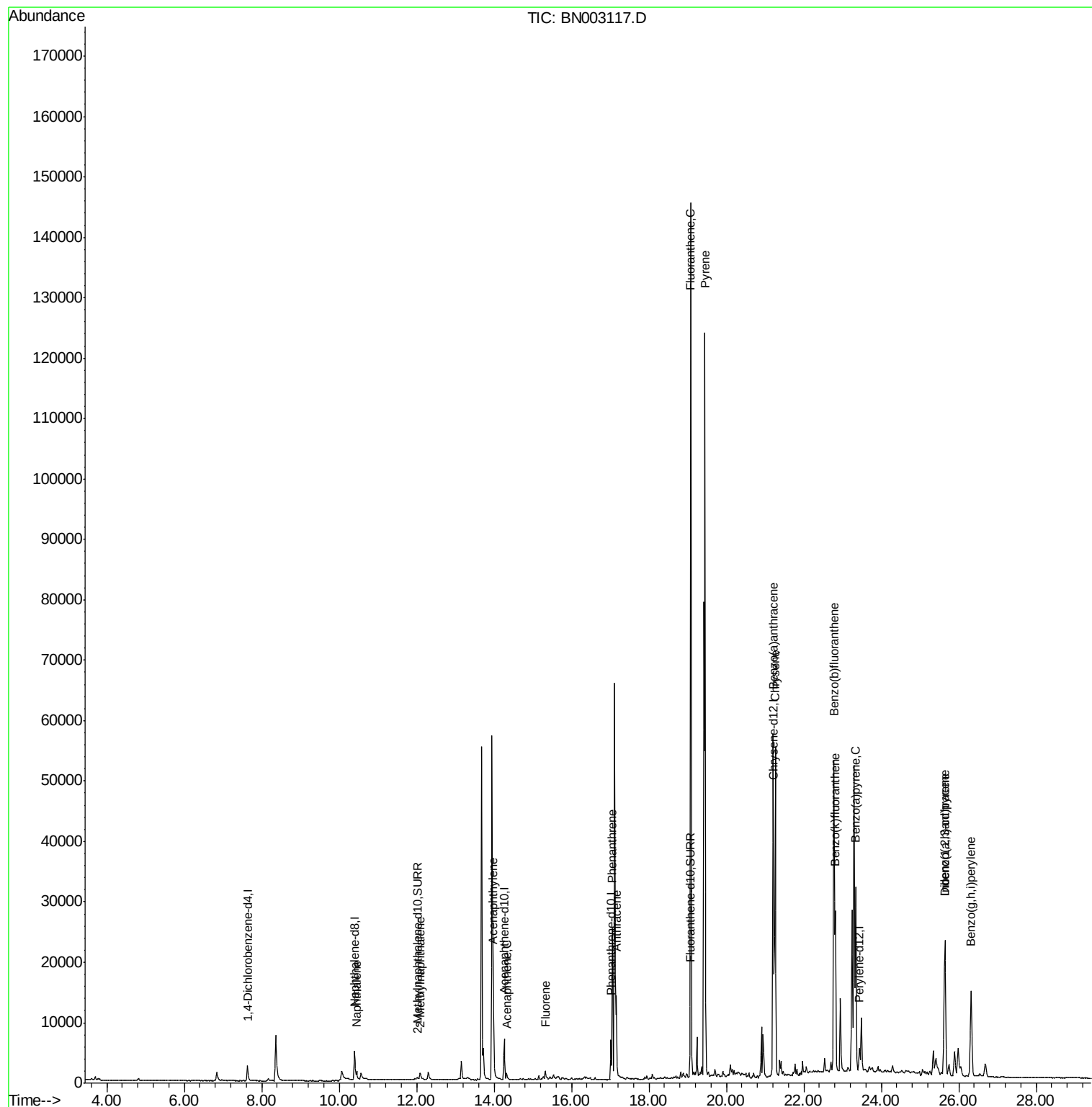
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003117.D
Acq On : 11 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5230-04DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

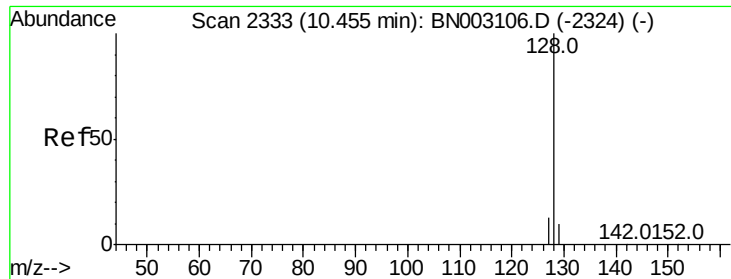
Instrument :
BNA_N
ClientSampleId :
A3YY0DL

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM

Quant Time: Oct 12 07:11:02 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





#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

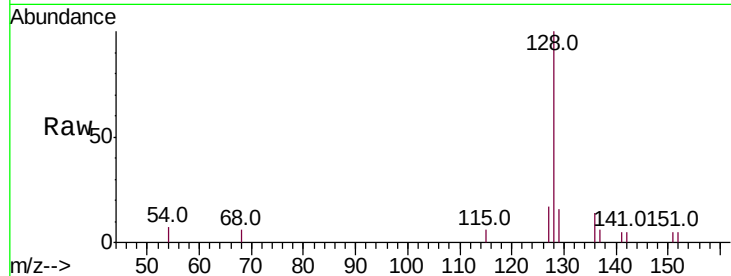
ClientSampleId :

A3YY0DL

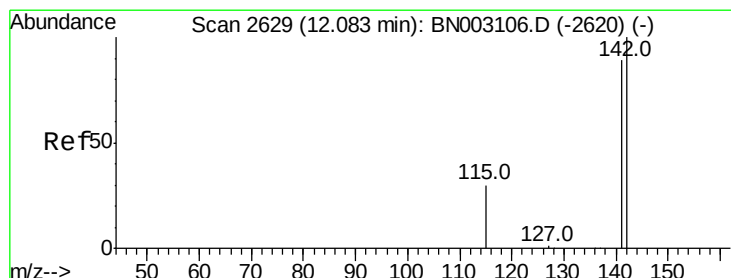
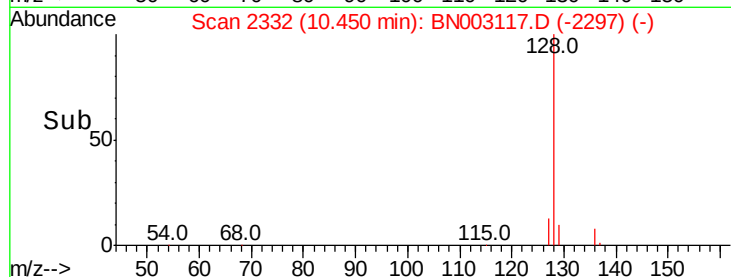
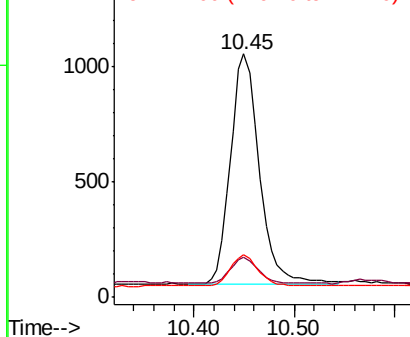
Tot Ion:	128	Resp:	2025
Ion Ratio	Lower	Upper	
128	100		
129	16.4	10.4	15.6#
127	17.3	11.7	17.5

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 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: 0.103 ng/ul

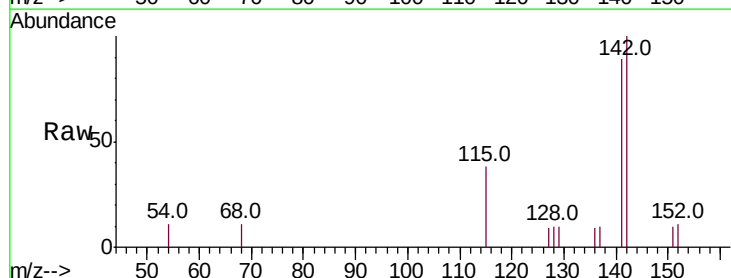
RT: 12.09 min Scan# 2630

Delta R.T. 0.01 min

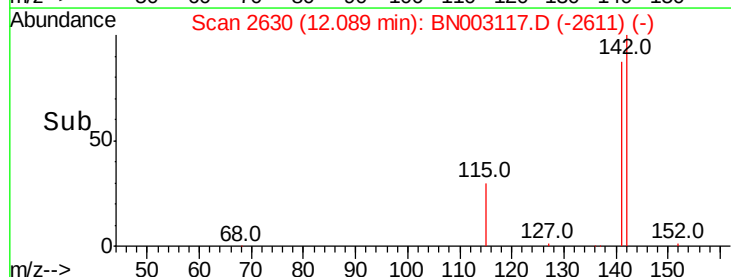
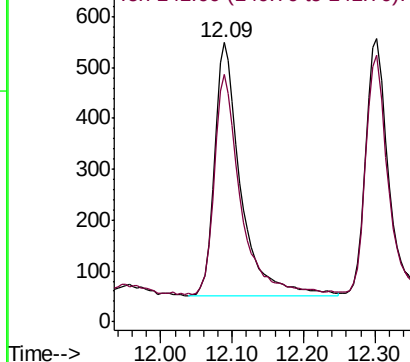
Lab File: BN003117.D

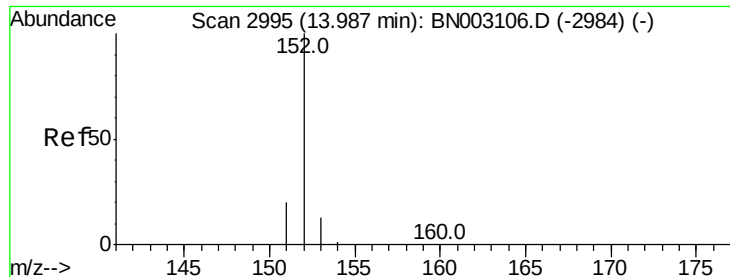
Acq: 11 Oct 2018 23:32

Tgt Ion:	142	Resp:	1285
Ion Ratio	Lower	Upper	
142	100		
141	86.8	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: 0.896 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

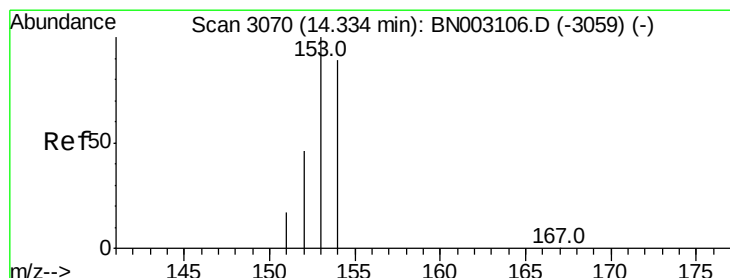
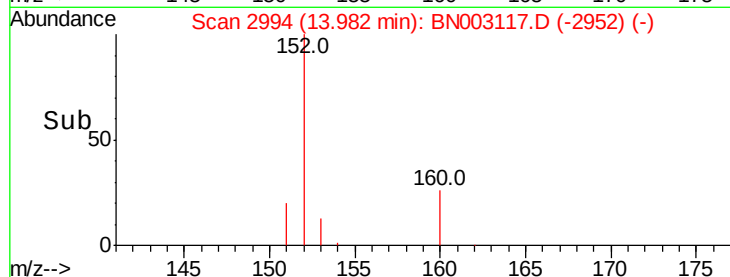
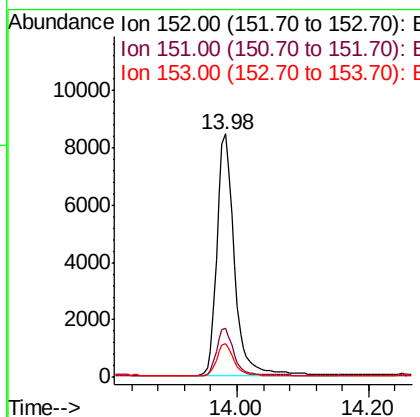
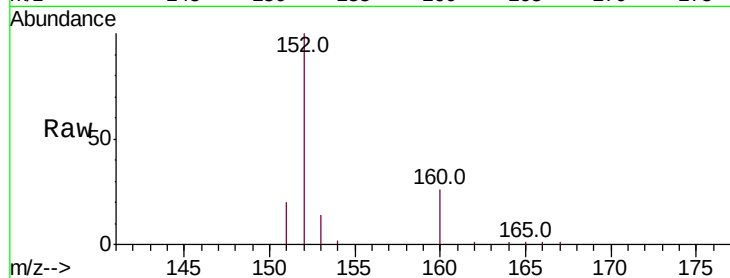
ClientSampleId :

A3YY0DL

Tot Ion:	152	Resp:	15684
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.5	24.7
153	13.7	11.4	17.2

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM



#8

Acenaphthene

Concen: 0.053 ng/ul

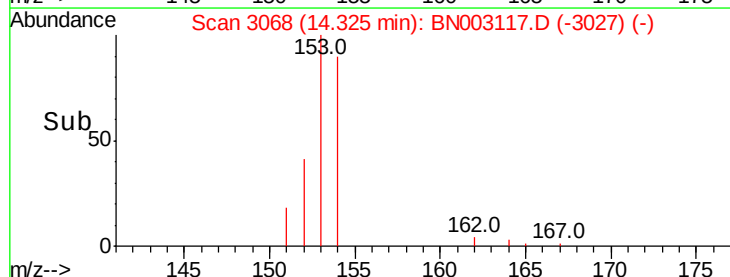
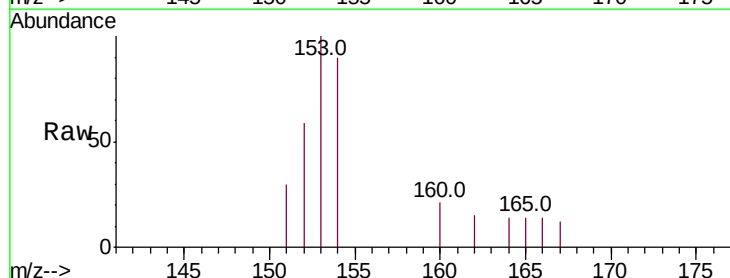
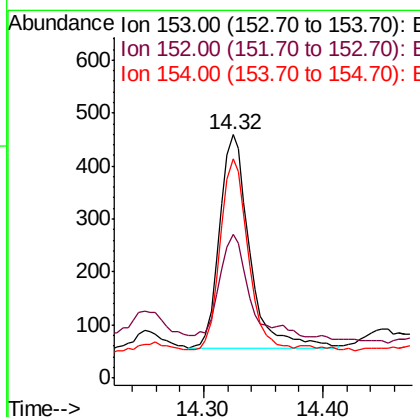
RT: 14.32 min Scan# 3068

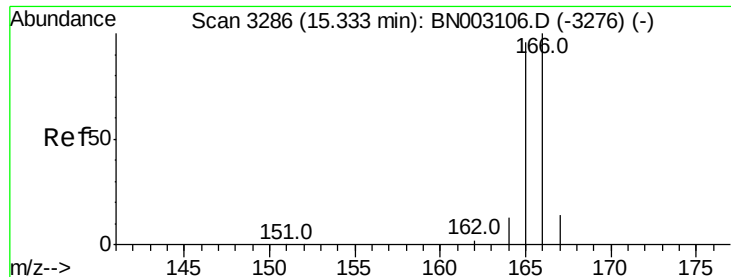
Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Tgt Ion:	153	Resp:	703
Ion Ratio	Lower	Upper	
153	100		
152	58.8	38.2	57.4#
154	90.0	70.2	105.2





#9

Fluorene

Concen: 0.078 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

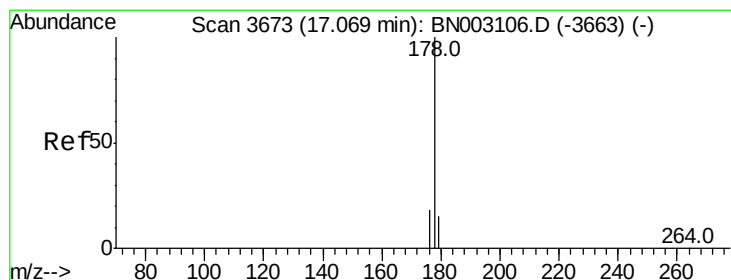
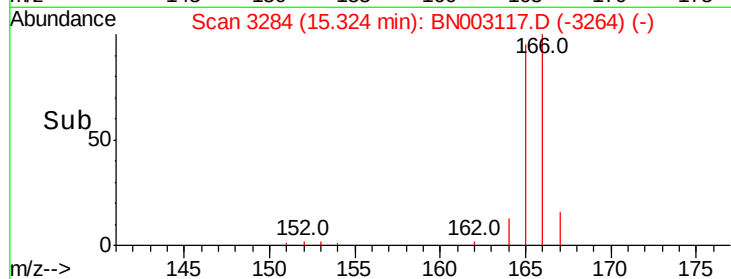
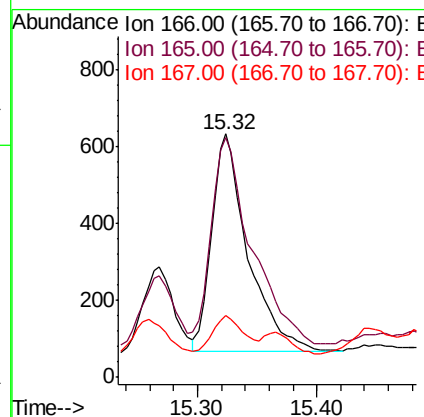
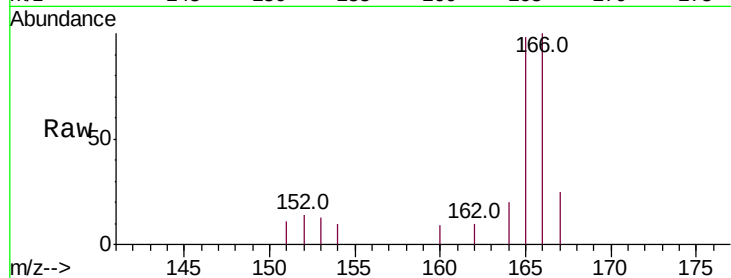
ClientSampleId :

A3YY0DL

Tot Ion:	166	Resp:	1180
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.5	117.7
167	25.3	11.6	17.4#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM



#12

Phenanthrene

Concen: 1.268 ng/ul

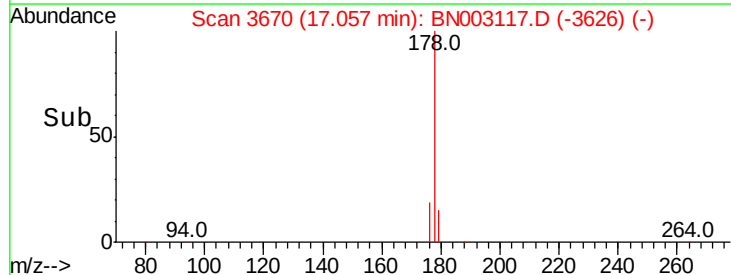
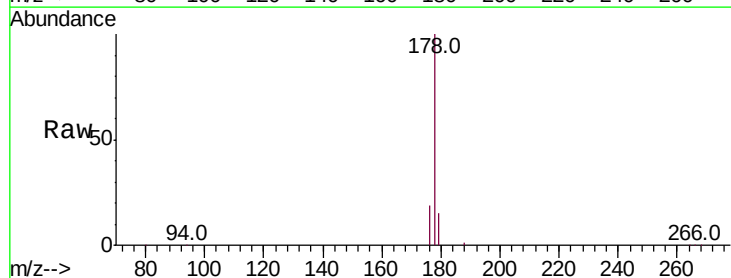
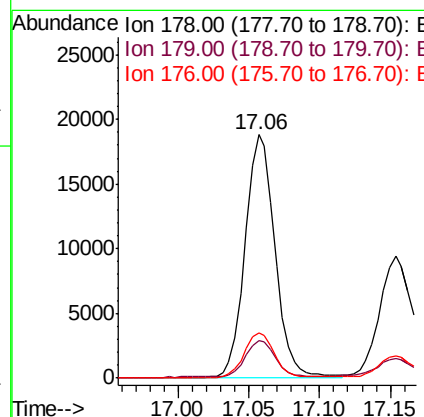
RT: 17.06 min Scan# 3670

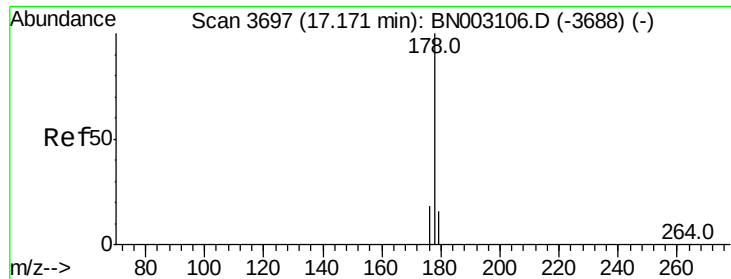
Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Tgt Ion:	178	Resp:	27316
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.8	15.4	23.2





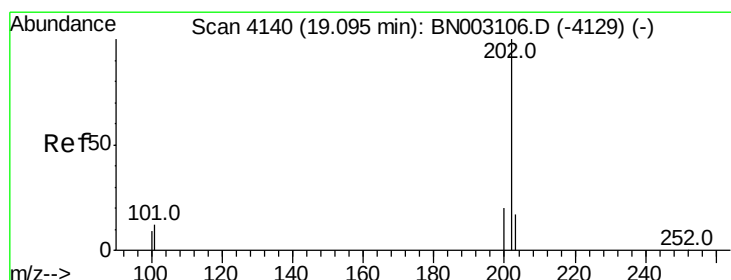
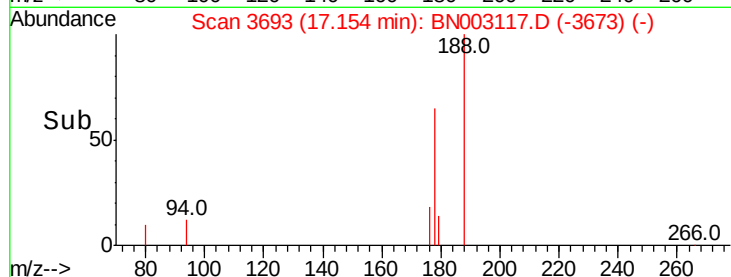
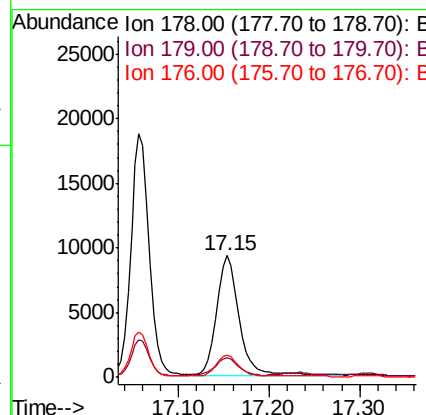
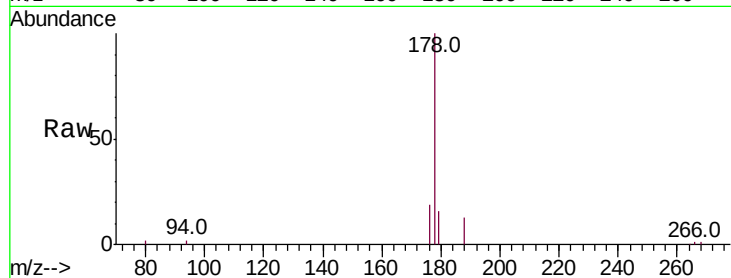
#13
 Anthracene
 Concen: 0.769 ng/ul
 RT: 17.15 min Scan# 3693
 Delta R.T. -0.02 min
 Lab File: BN003117.D
 Acq: 11 Oct 2018 23:32

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	18.5	15.3	22.9

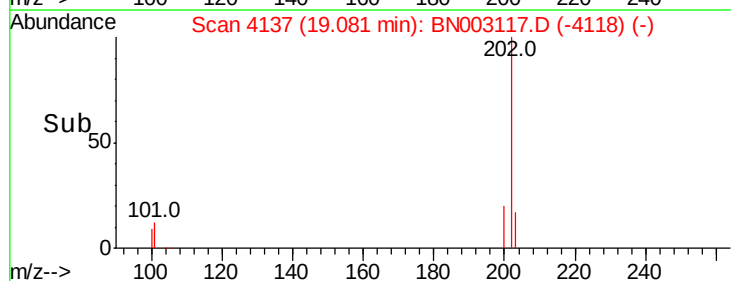
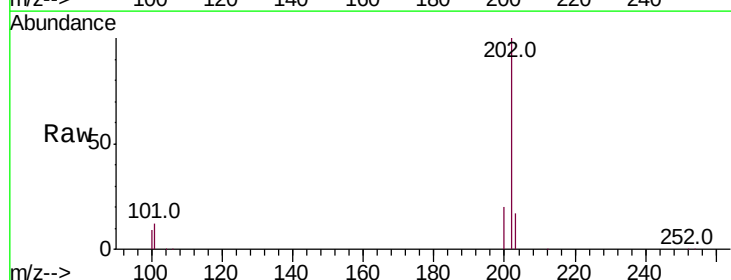
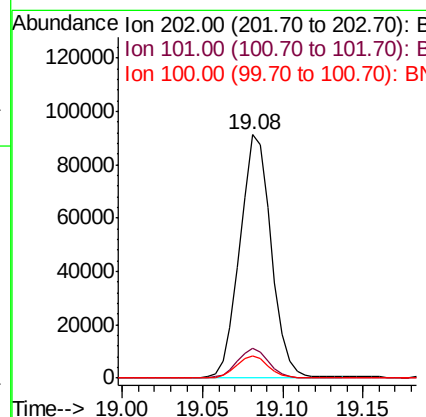
Manual Integrations
 APPROVED

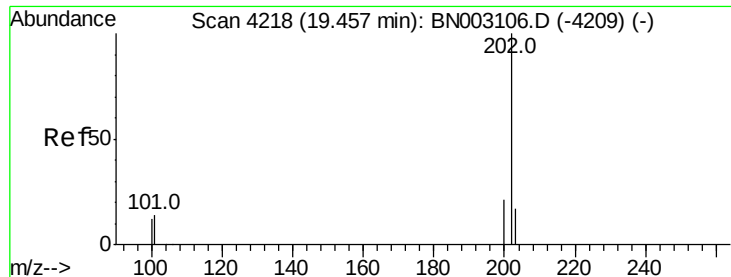
Sohil
 10/12/2018 6:38:26 PM



#15
 Fluoranthene
 Concen: 4.874 ng/ul
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN003117.D
 Acq: 11 Oct 2018 23:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.3
100	9.2	0.0	29.1





#17

Pvrene

Concen: 5.269 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

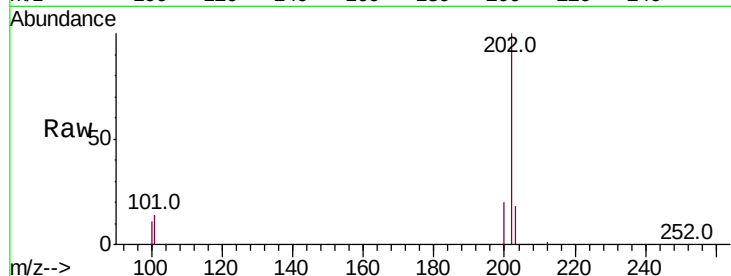
ClientSampleId :

A3YY0DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	11.9	17.9
100	10.9	9.9	14.9

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM

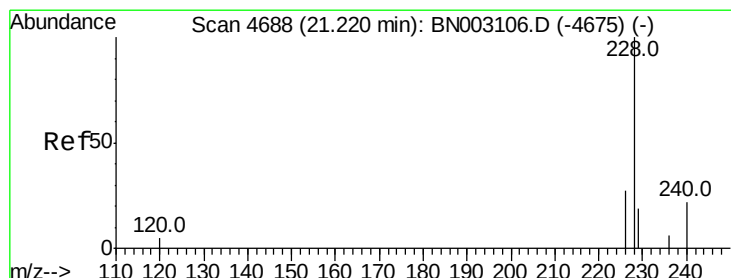
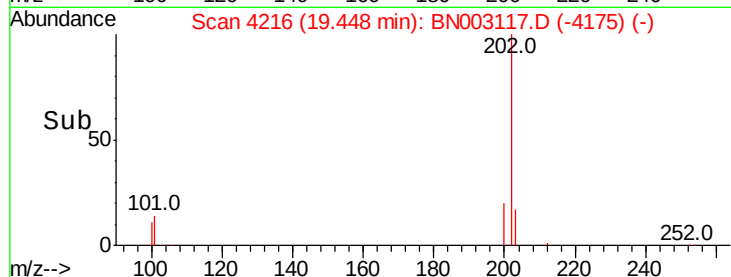
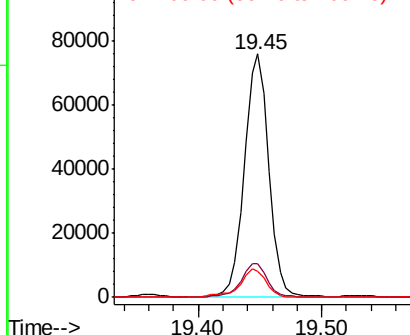


Abundance

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: 3.039 ng/ul

RT: 21.21 min Scan# 4683

Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

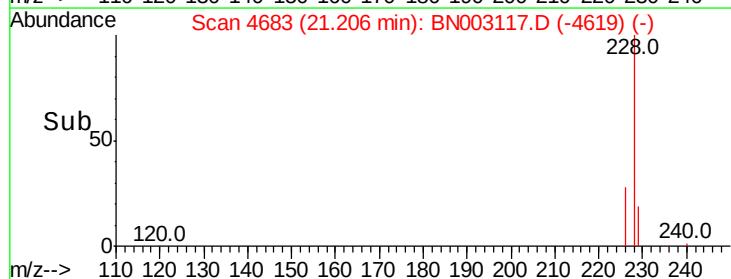
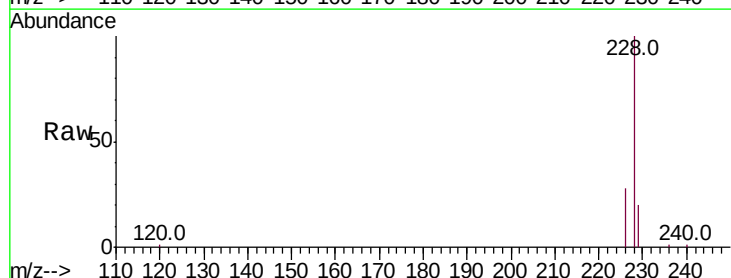
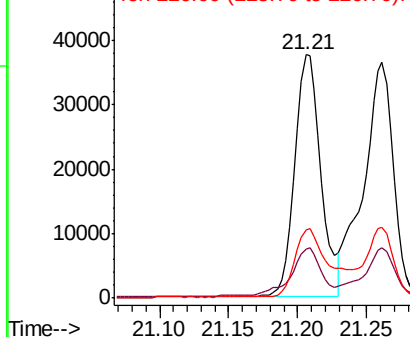
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.2	24.2
226	28.3	22.3	33.5

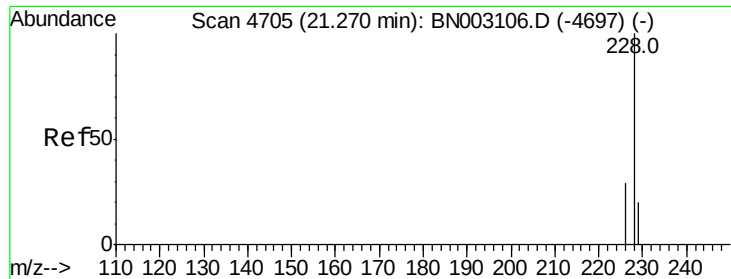
Abundance

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: 3.321 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

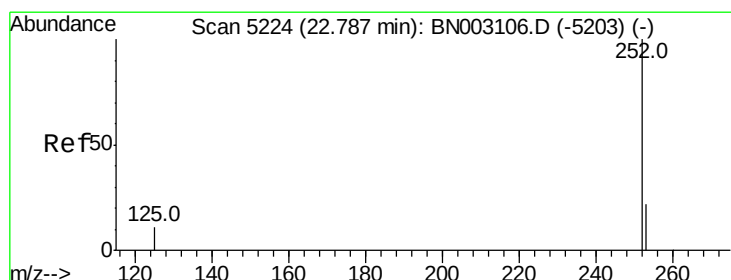
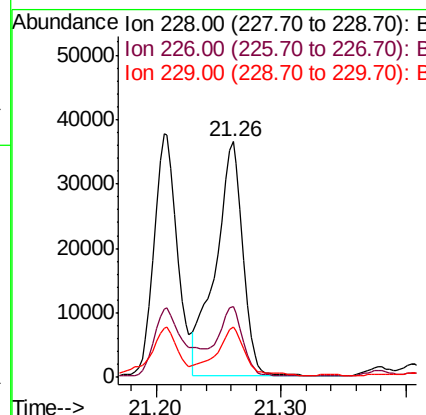
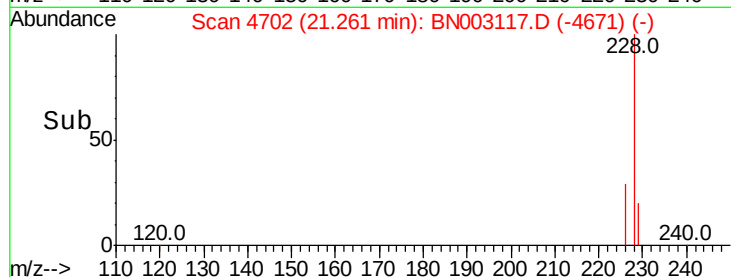
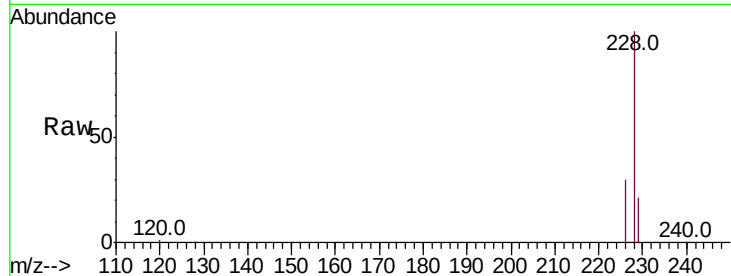
ClientSampleId :

A3YY0DL

Tot Ion:	228	Resp:	55232
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.2	36.4
229	21.2	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM



#21

Benzo(b)fluoranthene

Concen: 4.064 ng/ul m

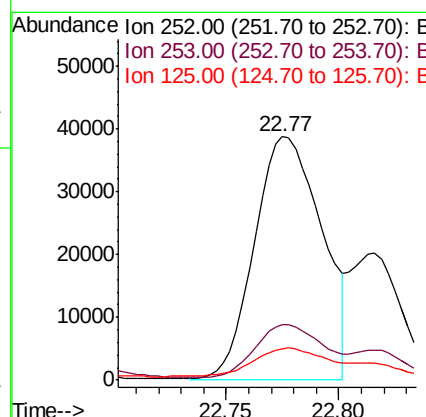
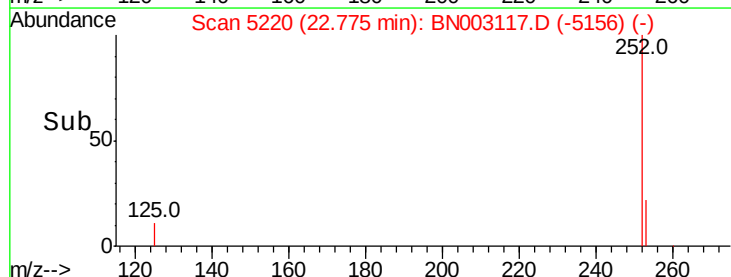
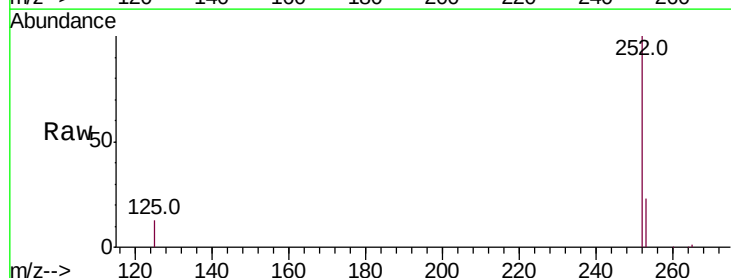
RT: 22.77 min Scan# 5220

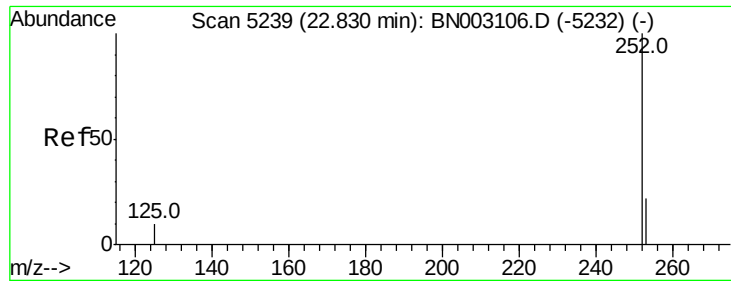
Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Tgt Ion:	252	Resp:	80302
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	53.2
125	12.8	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 1.523 ng/ul m

RT: 22.82 min Scan# 5234

Delta R.T. -0.01 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

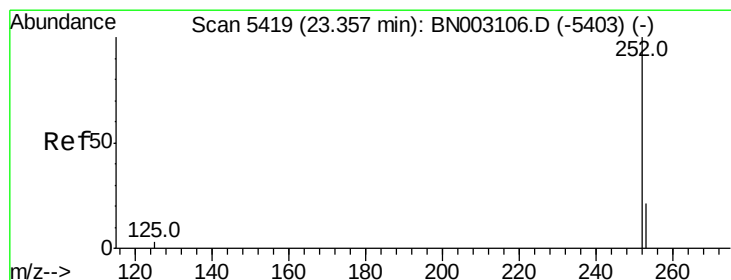
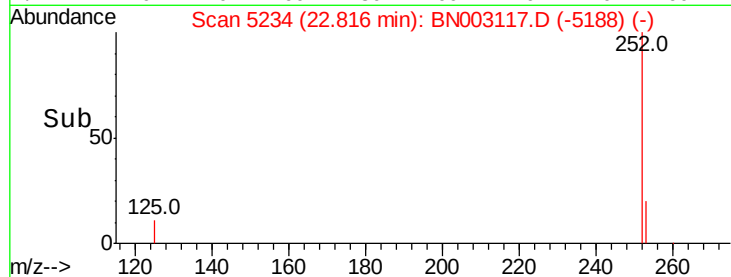
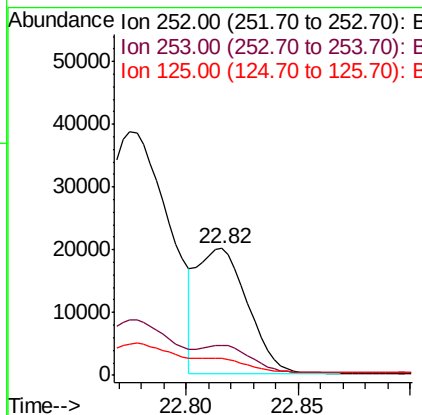
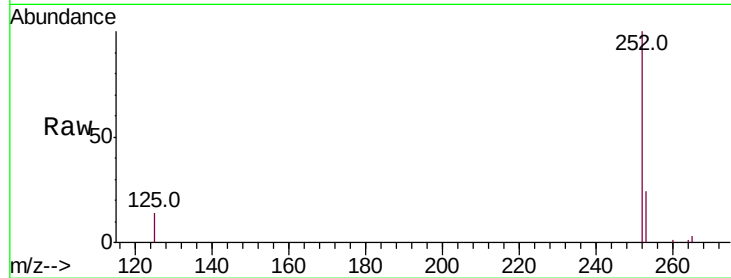
ClientSampled :

A3YY0DL

Tot Ion:	252	Resp:	31191
Ion Ratio	Lower	Upper	
252	100		
253	24.0	21.3	31.9
125	13.6	14.1	21.1#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM



#23

Benzo(a)pyrene

Concen: 2.353 ng/ul

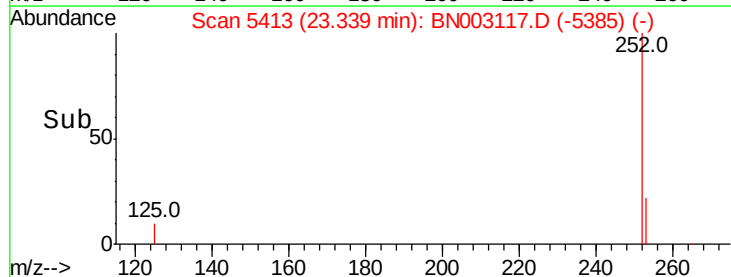
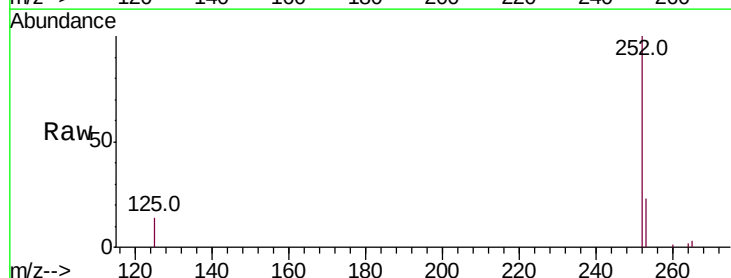
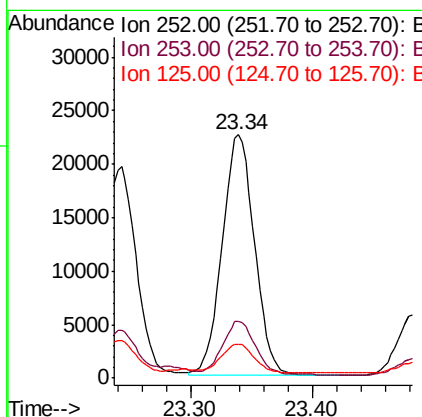
RT: 23.34 min Scan# 5413

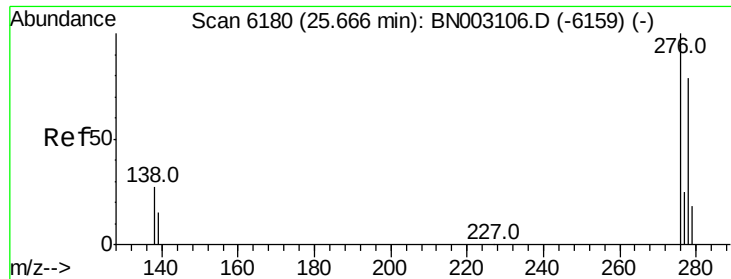
Delta R.T. -0.02 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Tgt Ion:	252	Resp:	41666
Ion Ratio	Lower	Upper	
252	100		
253	23.5	23.1	34.7
125	14.1	16.9	25.3#





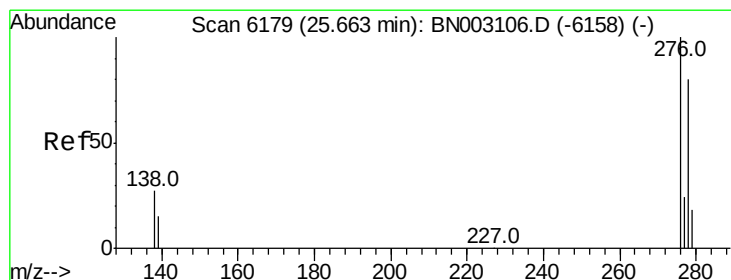
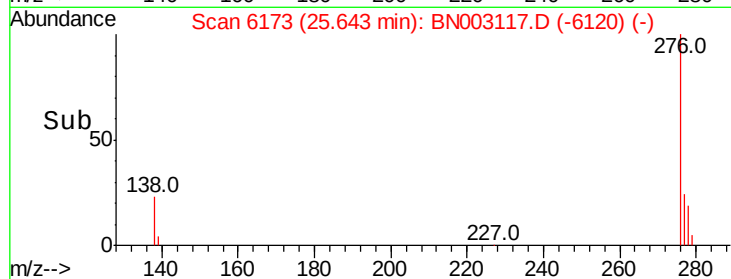
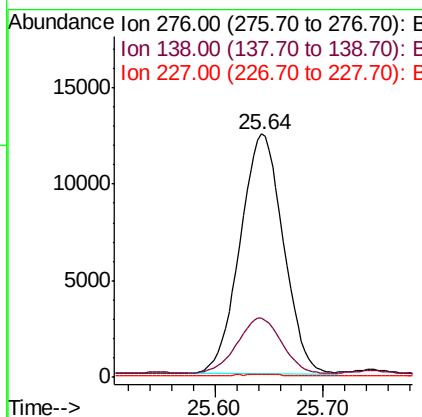
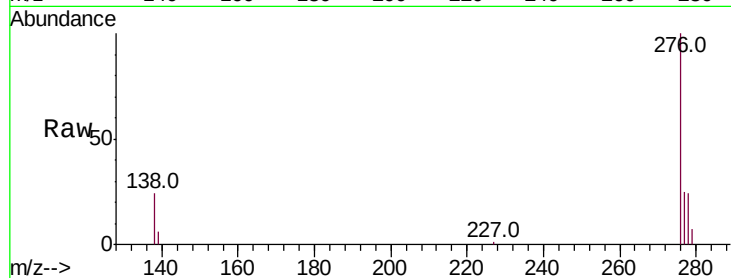
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.692 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.02 min
 Lab File: BN003117.D
 Acq: 11 Oct 2018 23:32

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.5	32.3
227	0.1	0.3	0.5

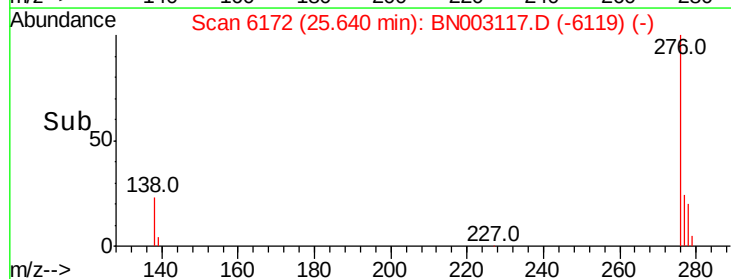
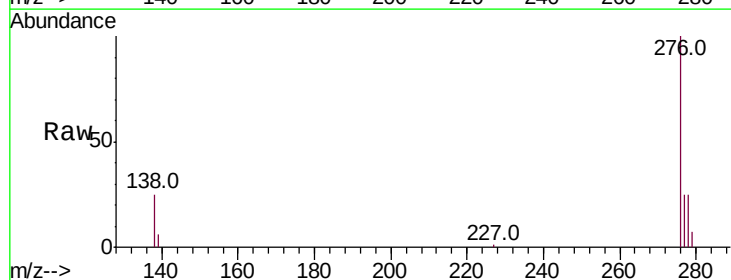
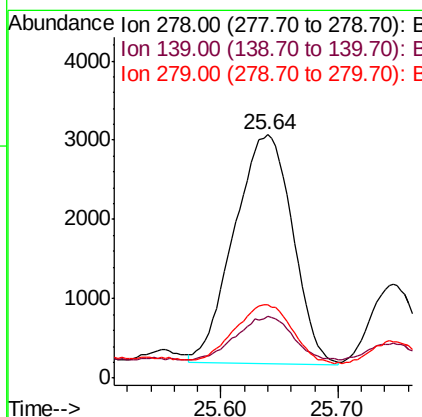
Manual Integrations
 APPROVED

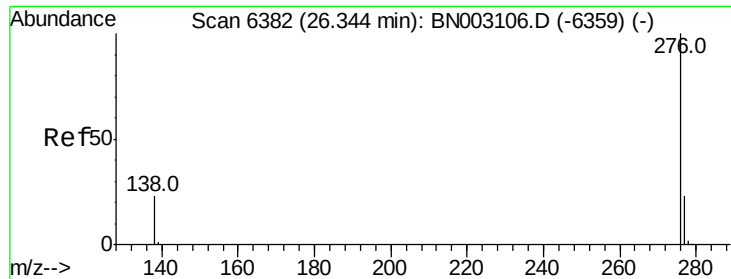
Sohil
 10/12/2018 6:38:26 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.614 ng/ul
 RT: 25.64 min Scan# 6172
 Delta R.T. -0.02 min
 Lab File: BN003117.D
 Acq: 11 Oct 2018 23:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	20.2	30.4
279	29.9	23.8	35.8





#26

Benzo(a,h,i)perylene

Concen: 1.655 ng/ul

RT: 26.32 min Scan# 6375

Delta R.T. -0.02 min

Lab File: BN003117.D

Acq: 11 Oct 2018 23:32

Instrument :

BNA_N

ClientSampleId :

A3YY0DL

Tot Ion:	276	Resp:	28406
Ion Ratio	Lower	Upper	
276	100		
138	25.2	23.0	34.4
277	24.7	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:26 PM

