

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003101.D
 Acq On : 11 Oct 2018 14:10
 Operator : MJ/SJ
 Sample : J5230-07MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04MS

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:11 PM

Quant Time: Oct 11 16:54:41 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	1486	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6092	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3158	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	5703	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4256	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4644	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2015	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	3112	0.19	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	9822	0.628	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	8205	0.762	ng/ul	97
7) Acenaphthylene	13.98	152	18050	1.249	ng/ul	99
8) Acenaphthene	14.32	153	3062	0.279	ng/ul	97
9) Fluorene	15.33	166	986	0.079	ng/ul#	82
11) Pentachlorophenol	16.71	266	138	0.249	ng/ul	86
12) Phenanthrene	17.06	178	30089	1.893	ng/ul	99
13) Anthracene	17.16	178	14412	0.960	ng/ul	99
15) Fluoranthene	19.08	202	106739	5.723	ng/ul	100
17) Pyrene	19.45	202	96176	5.818	ng/ul	96
18) Benzo(a)anthracene	21.21	228	47730	3.485	ng/ul	99
19) Chrysene	21.26	228	64180	4.615	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	99998m	5.979	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	37823m	2.181	ng/ul	
23) Benzo(a)pyrene	23.34	252	45079	3.008	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.64	276	45020	2.614	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	12730	0.923	ng/ul	99
26) Benzo(g,h,i)perylene	26.32	276	38274	2.635	ng/ul	93

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

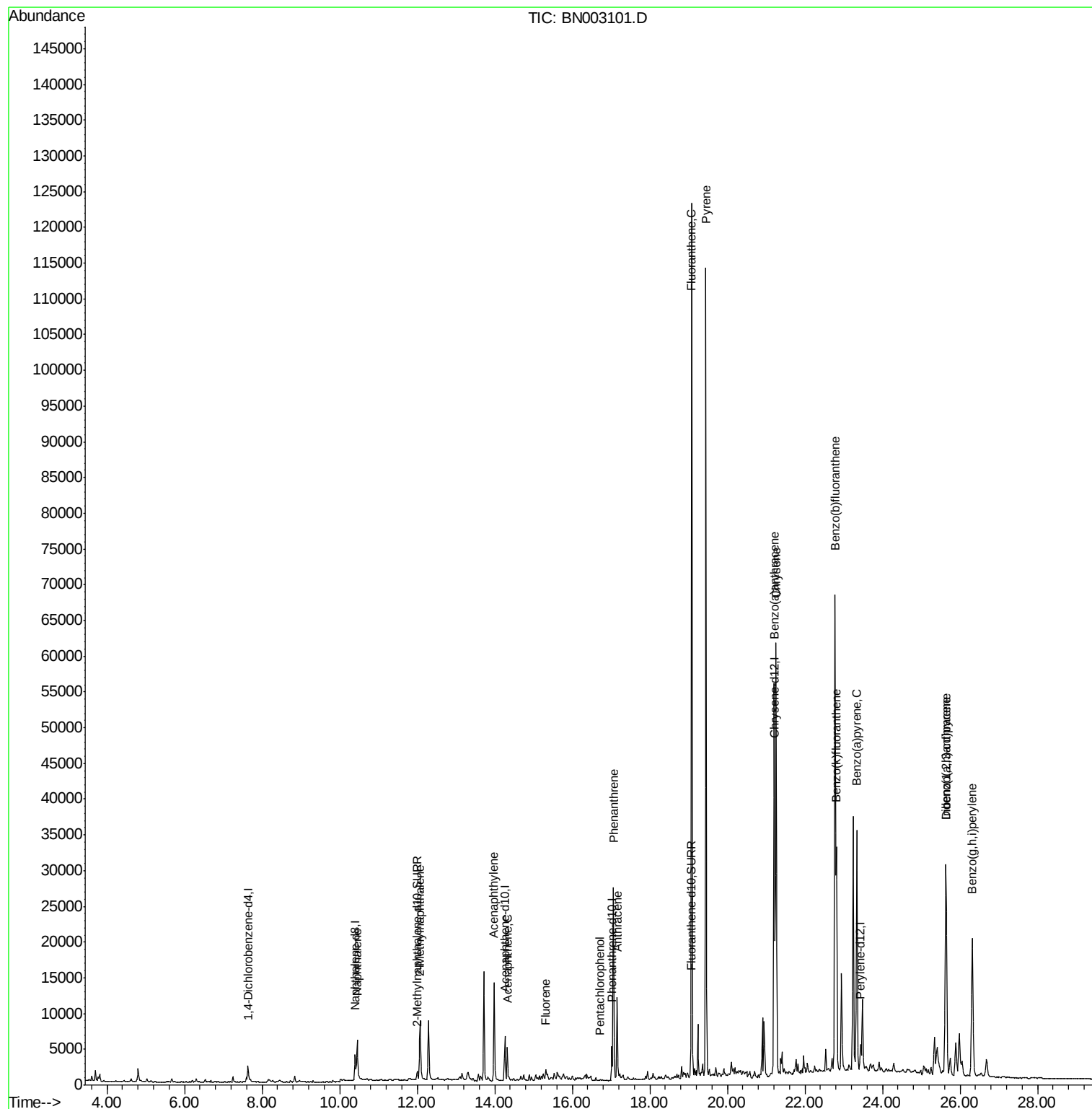
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003101.D
Acq On : 11 Oct 2018 14:10
Operator : MJ/SJ
Sample : J5230-07MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

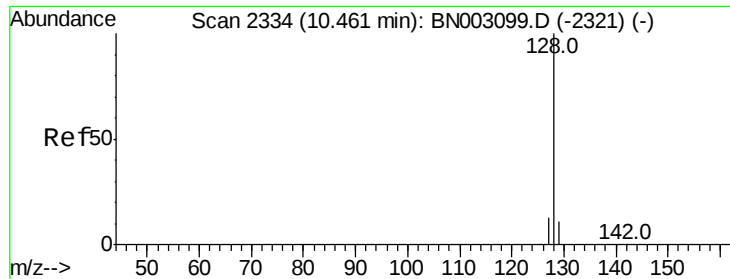
Instrument :
BNA_N
ClientSampleId :
A3Z04MS

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:11 PM

Quant Time: Oct 11 16:54:41 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: 0.628 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Instrument :

BNA_N

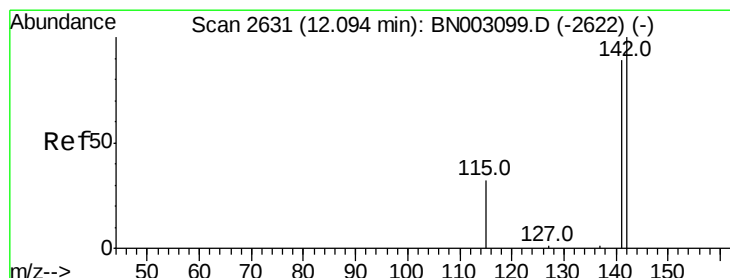
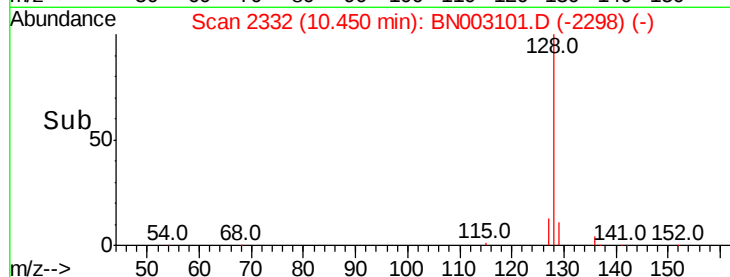
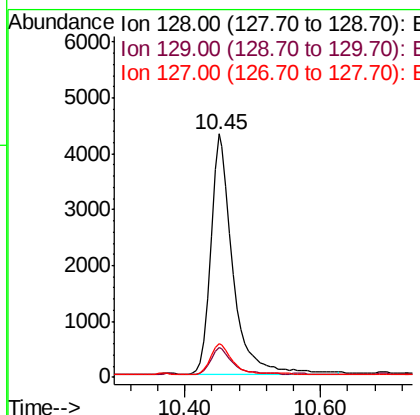
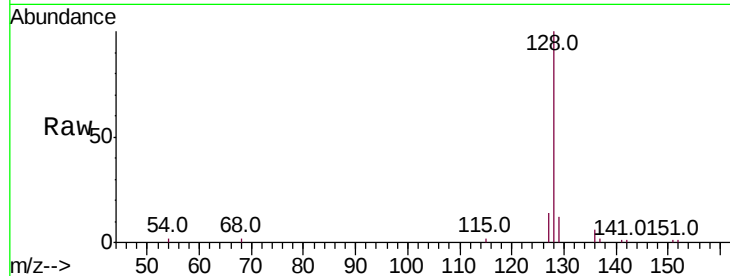
ClientSampleId :

A3Z04MS

Tot Ion:	128	Resp:	9822
Ion Ratio	Lower	Upper	
128	100		
129	12.1	10.4	15.6
127	14.0	11.7	17.5

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:11 PM



#5

2-Methylnaphthalene

Concen: 0.762 ng/ul

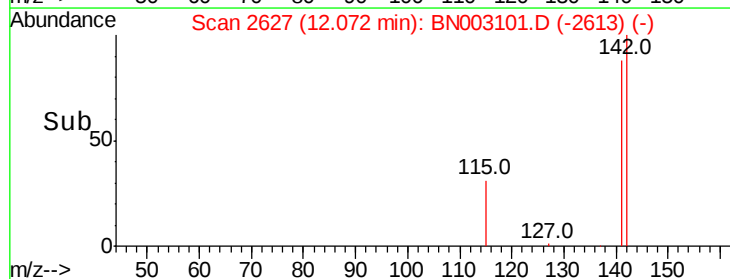
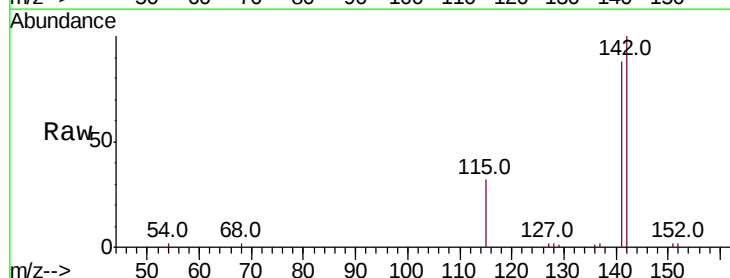
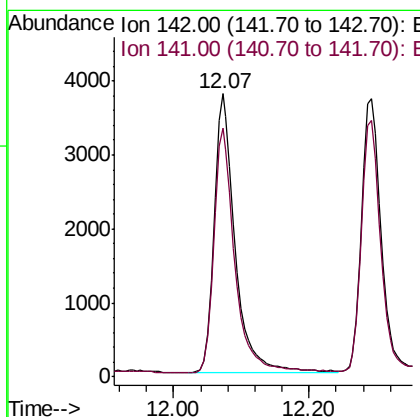
RT: 12.07 min Scan# 2627

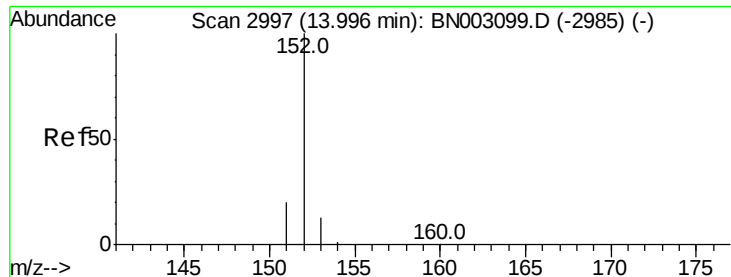
Delta R.T. -0.02 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Tgt Ion:	142	Resp:	8205
Ion Ratio	Lower	Upper	
142	100		
141	88.6	73.4	110.0





#7

Acenaphthylene

Concen: 1.249 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Instrument :

BNA_N

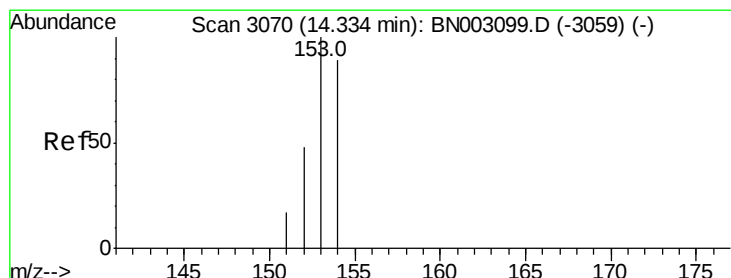
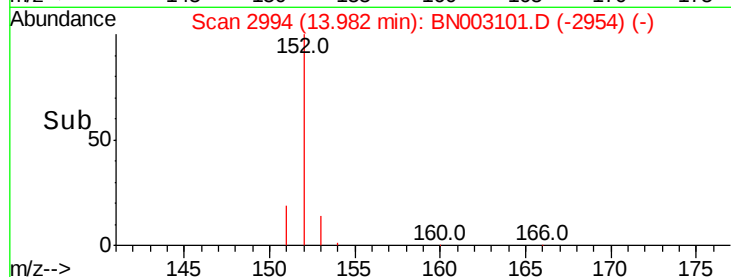
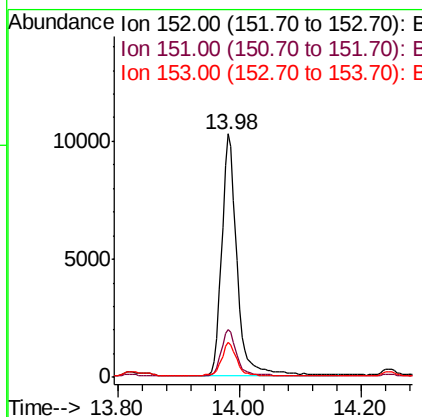
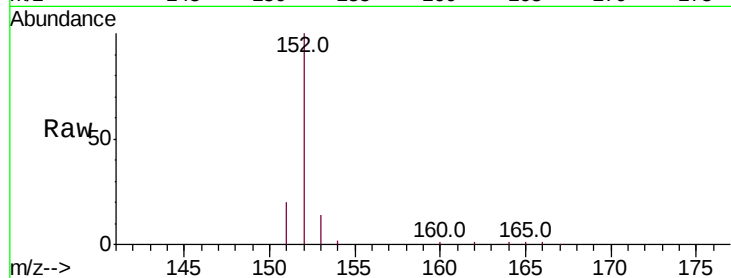
ClientSampleId :

A3Z04MS

Tot Ion:	152	Resp:	18050
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.5	24.7
153	14.3	11.4	17.2

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:11 PM



#8

Acenaphthene

Concen: 0.279 ng/ul

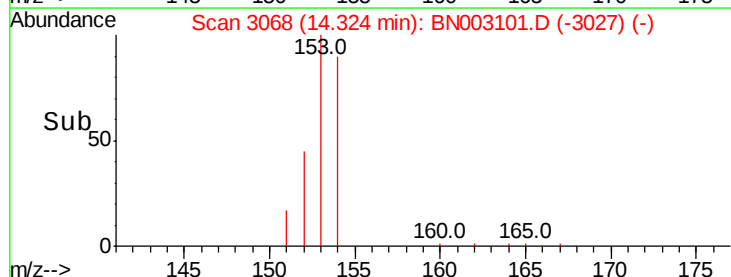
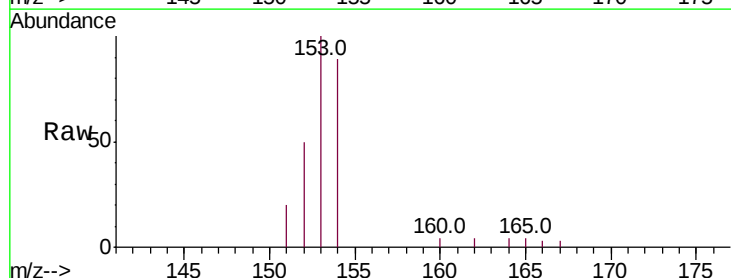
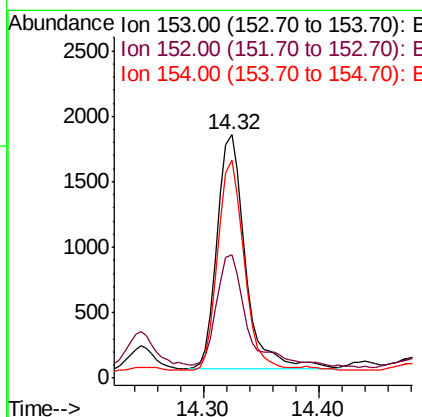
RT: 14.32 min Scan# 3068

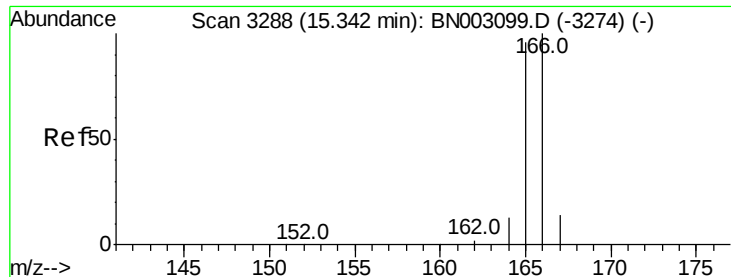
Delta R.T. -0.01 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Tgt Ion:	153	Resp:	3062
Ion Ratio	Lower	Upper	
153	100		
152	50.5	38.2	57.4
154	89.5	70.2	105.2





#9

Fluorene

Concen: 0.079 ng/ul

RT: 15.33 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Instrument :

BNA_N

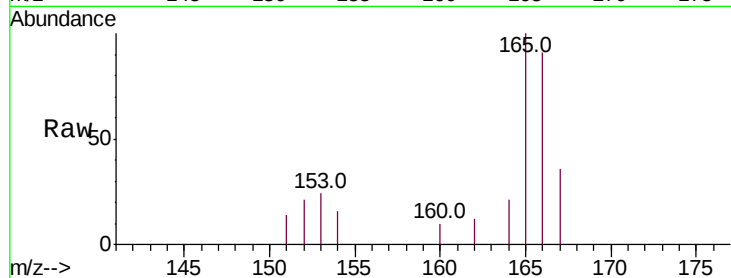
ClientSampleId :

A3Z04MS

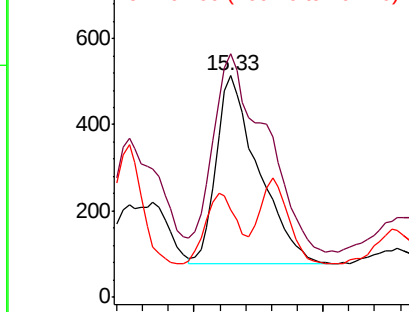
Tot Ion:	166	Resp:	986
Ion Ratio	Lower	Upper	
166	100		
165	109.7	78.5	117.7
167	39.3	11.6	17.4#

Manual Integrations
APPROVED

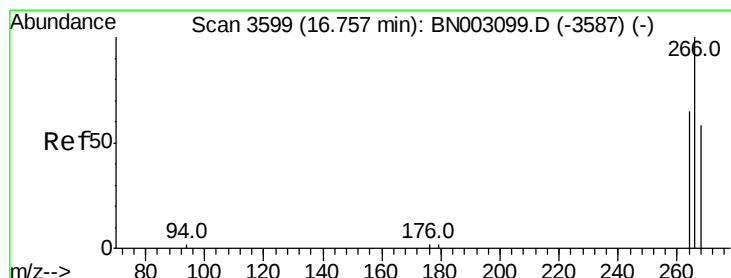
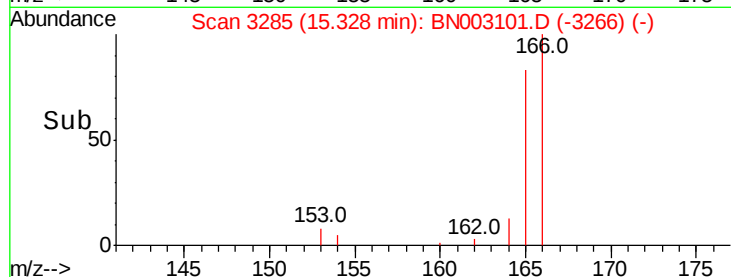
Sohil
10/12/2018 6:38:11 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.249 ng/ul

RT: 16.71 min Scan# 3589

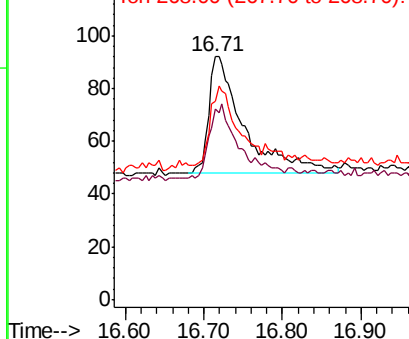
Delta R.T. -0.04 min

Lab File: BN003101.D

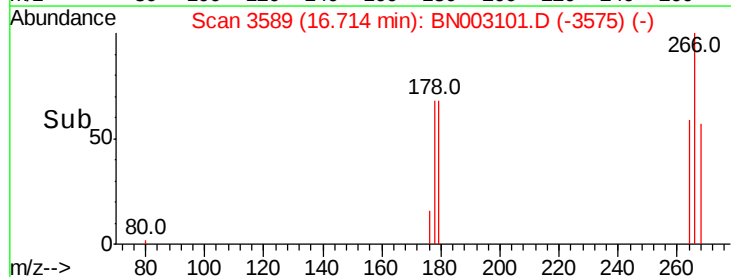
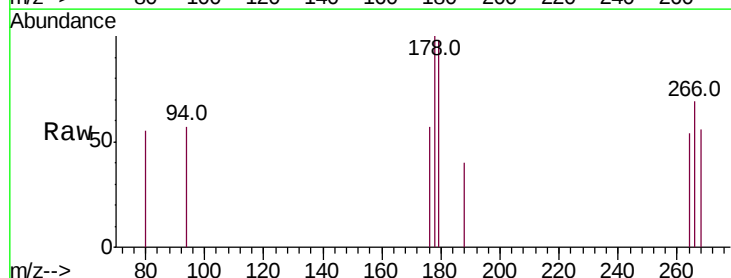
Acq: 11 Oct 2018 14:10

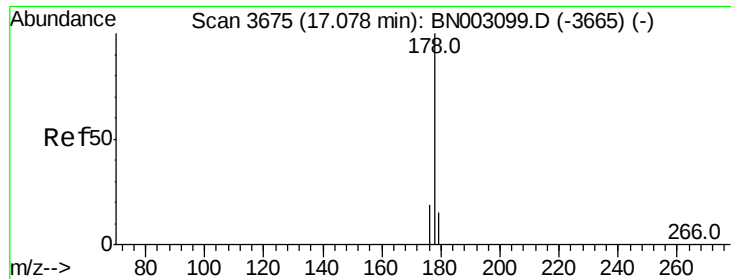
Tgt Ion:	266	Resp:	138
Ion Ratio	Lower	Upper	
266	100		
264	53.6	52.5	78.7
268	50.7	48.6	72.8

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





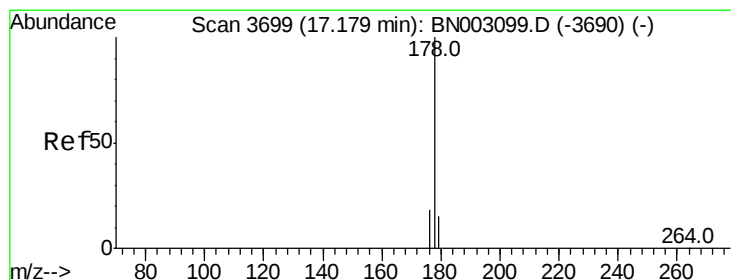
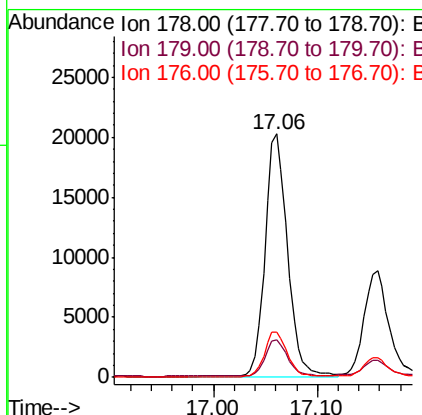
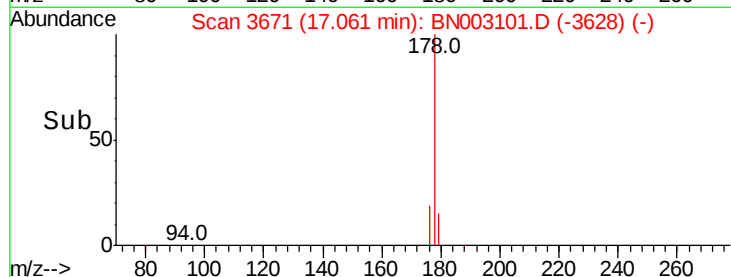
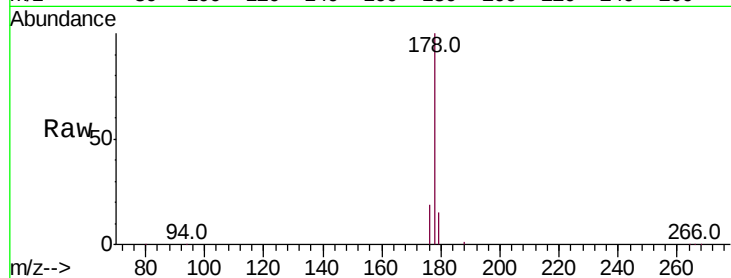
#12
Phenanthrene
Concen: 1.893 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
A3Z04MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.8	15.4	23.2

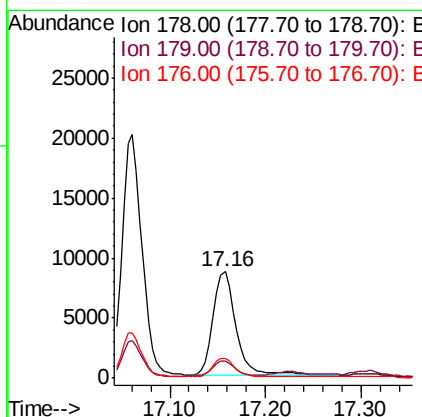
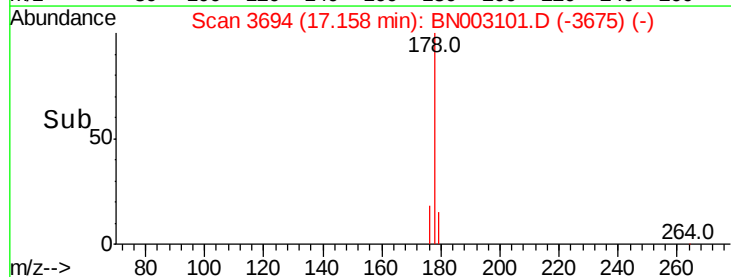
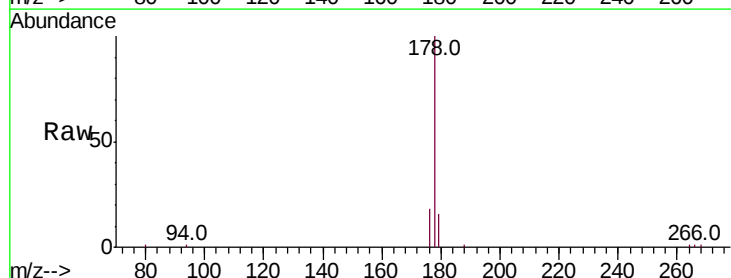
Manual Integrations
APPROVED

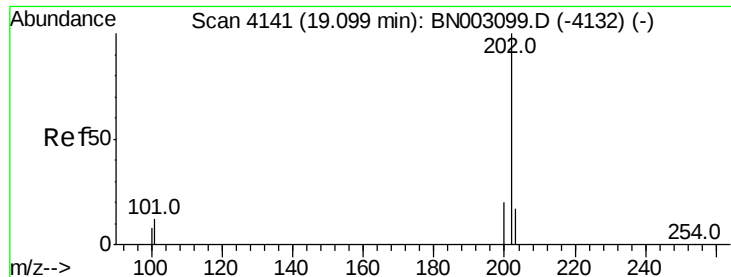
Sohil
10/12/2018 6:38:11 PM



#13
Anthracene
Concen: 0.960 ng/ul
RT: 17.16 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	18.3	15.3	22.9





#15

Fluoranthene

Concen: 5.723 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.02 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Instrument :

BNA_N

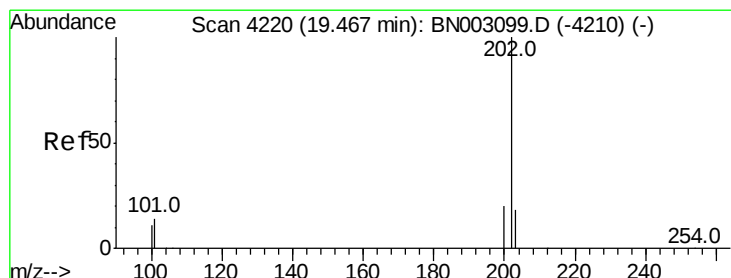
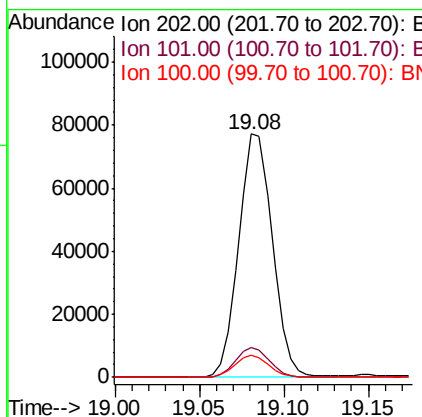
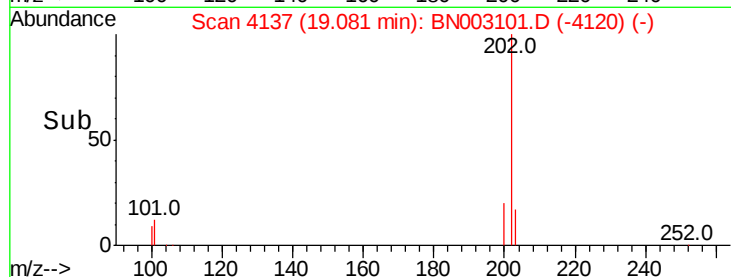
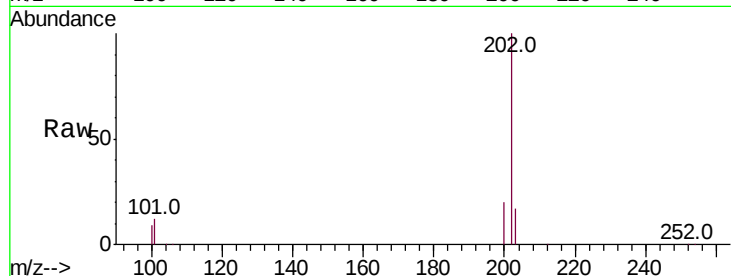
ClientSampleId :

A3Z04MS

Tot Ion:	202	Resp:	106739
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.3
100	9.3	0.0	29.1

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:11 PM



#17

Pyrene

Concen: 5.818 ng/ul

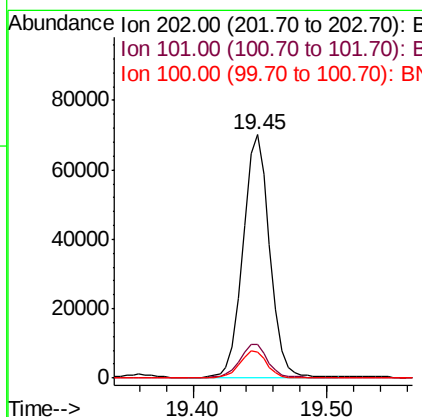
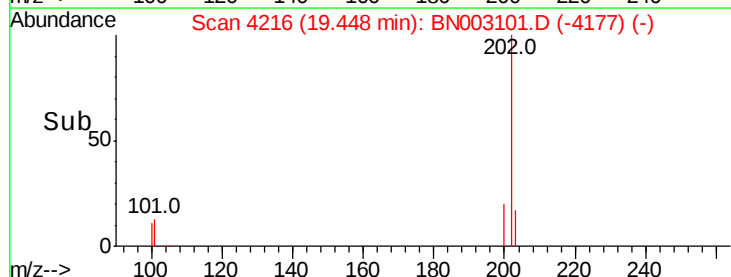
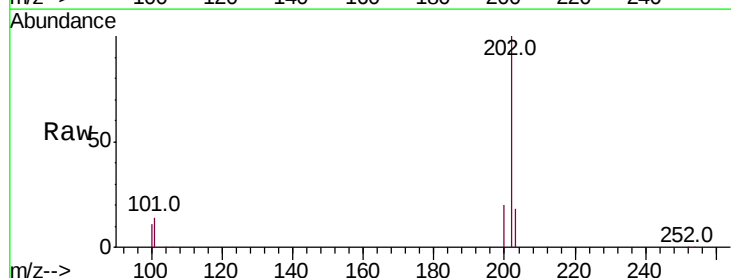
RT: 19.45 min Scan# 4216

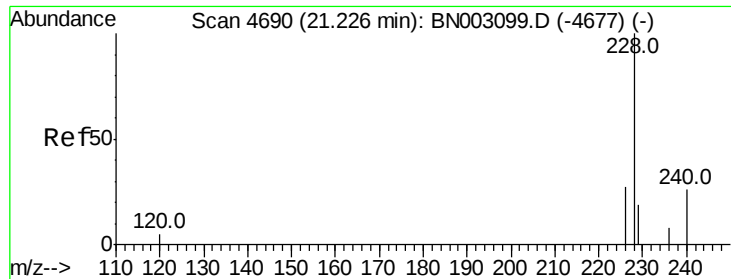
Delta R.T. -0.02 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Tgt Ion:	202	Resp:	96176
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.9	17.9
100	10.8	9.9	14.9





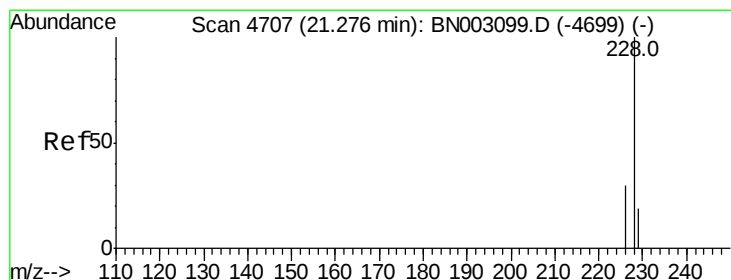
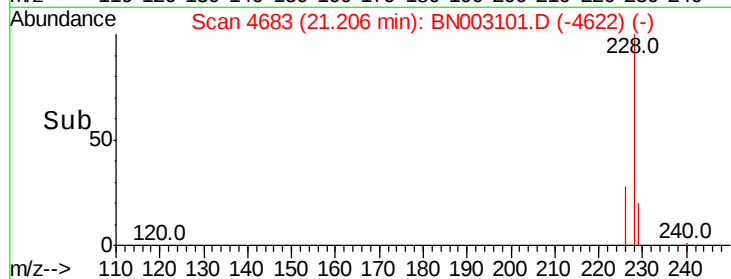
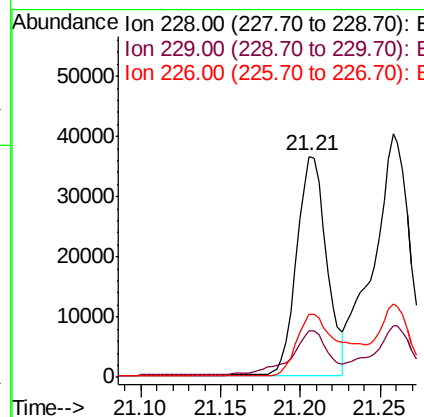
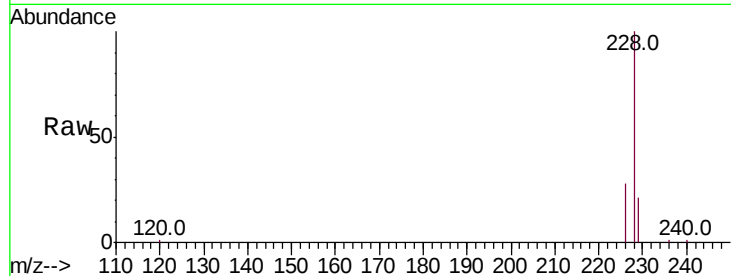
#18
Benzo(a)anthracene
Concen: 3.485 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Instrument :
BNA_N
ClientSampled :
A3Z04MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.5	22.3	33.5

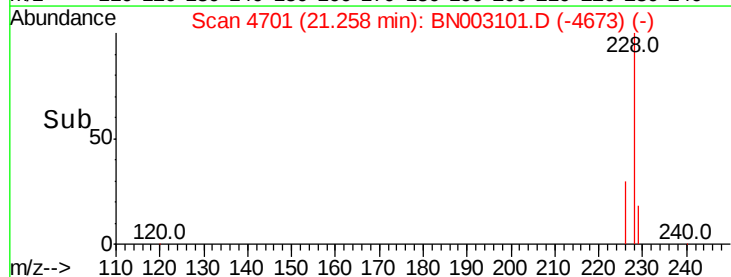
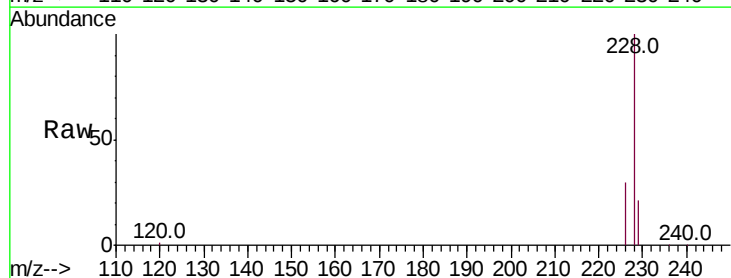
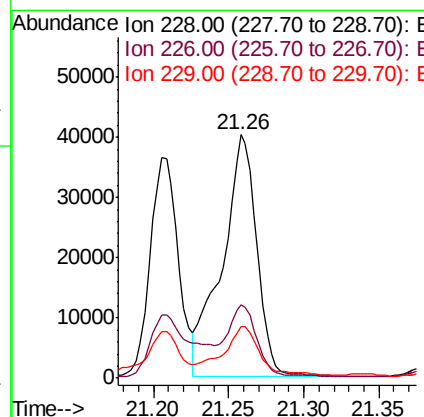
Manual Integrations
APPROVED

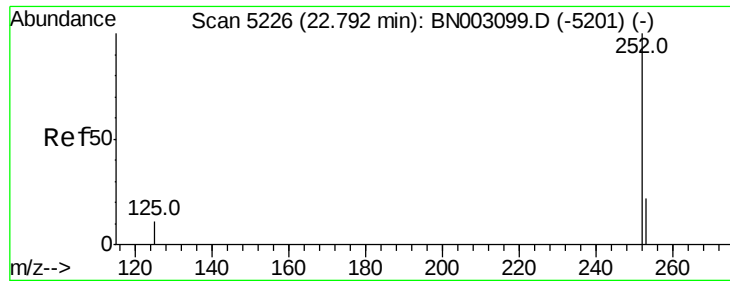
Sohil
10/12/2018 6:38:11 PM



#19
Chrysene
Concen: 4.615 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. -0.02 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.2	16.7	25.1





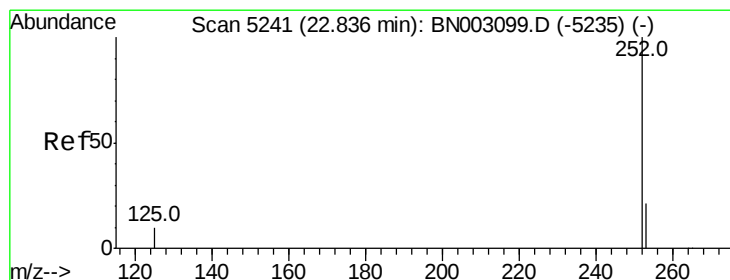
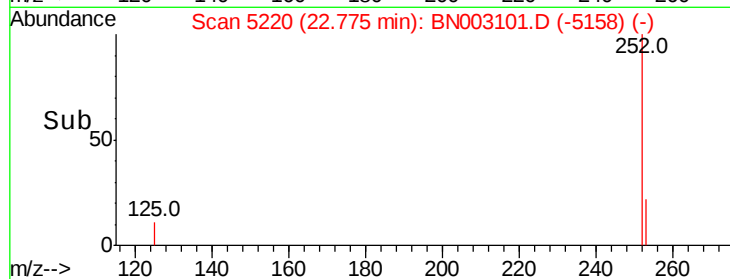
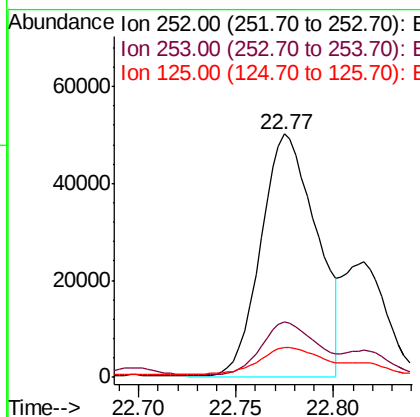
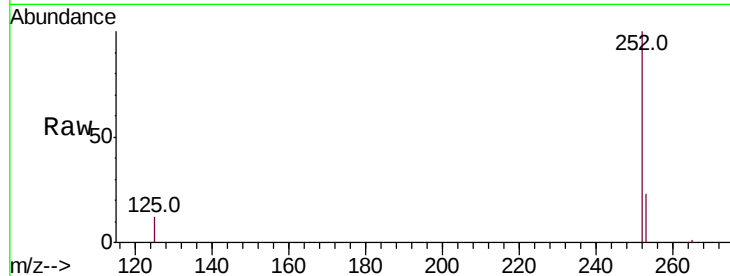
#21
Benzo(b)fluoranthene
Concen: 5.979 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.02 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
A3Z04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	53.2
125	12.3	0.0	34.2

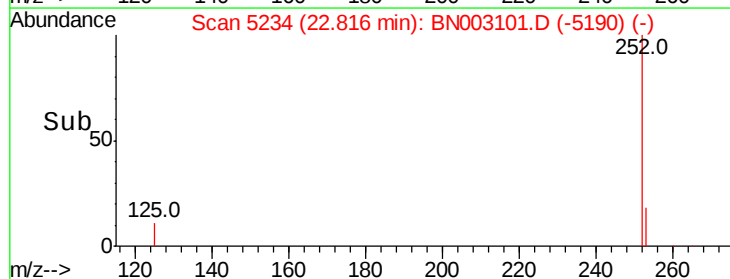
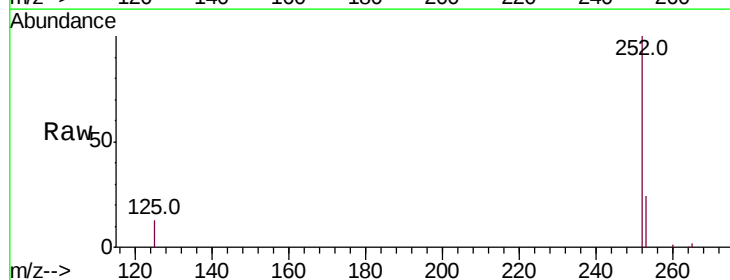
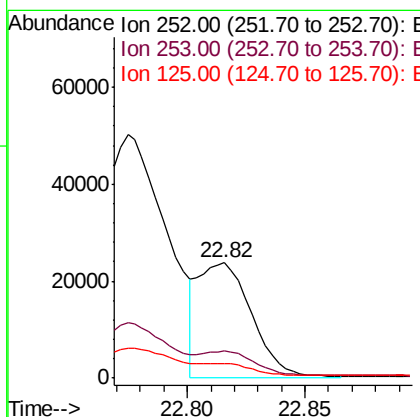
Manual Integrations
APPROVED

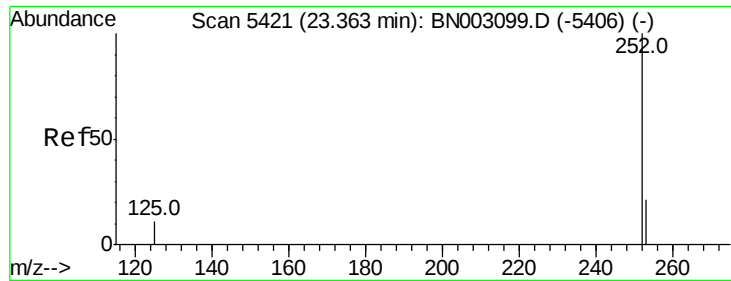
Sohil
10/12/2018 6:38:11 PM



#22
Benzo(k)fluoranthene
Concen: 2.181 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	12.9	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 3.008 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Instrument :

BNA_N

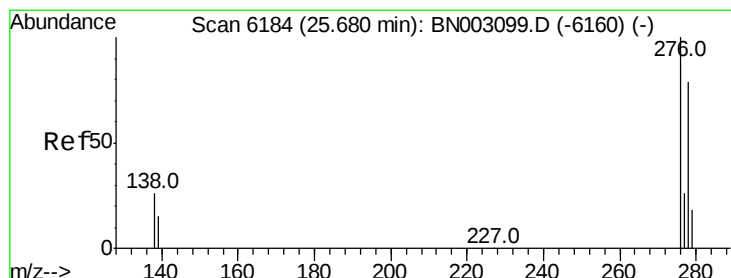
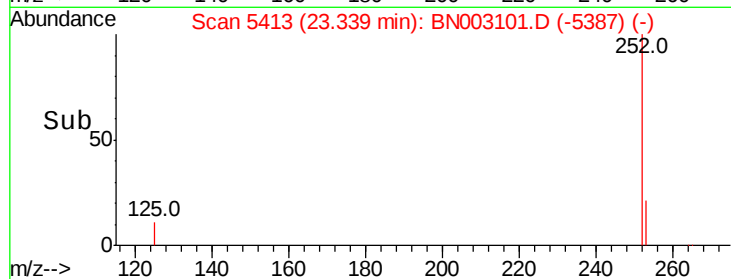
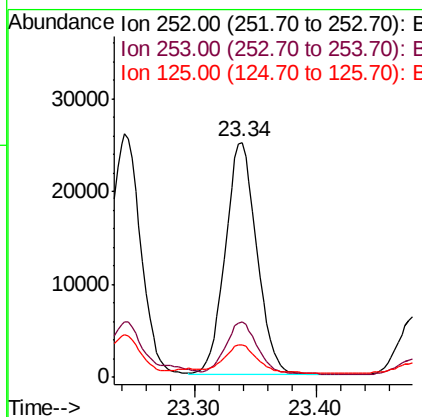
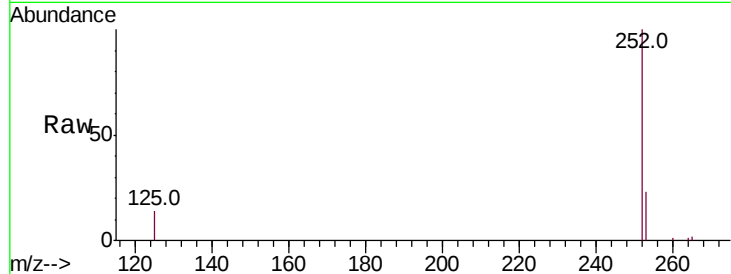
ClientSampleId :

A3Z04MS

Tot Ion:	252	Resp:	45079
Ion Ratio	Lower	Upper	
252	100		
253	23.5	23.1	34.7
125	14.0	16.9	25.3#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:11 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.614 ng/ul

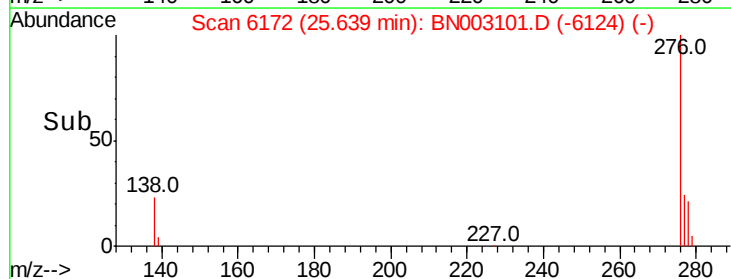
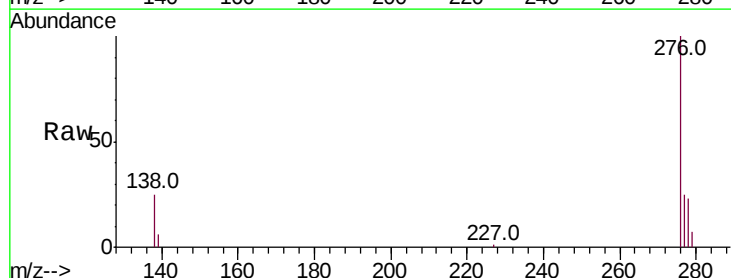
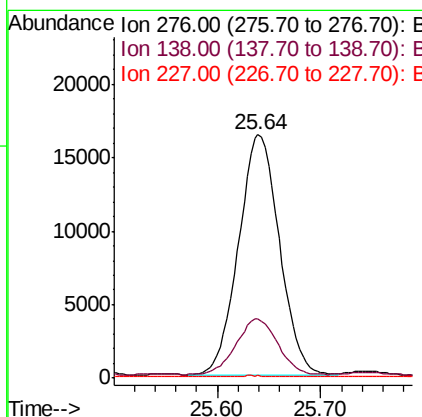
RT: 25.64 min Scan# 6172

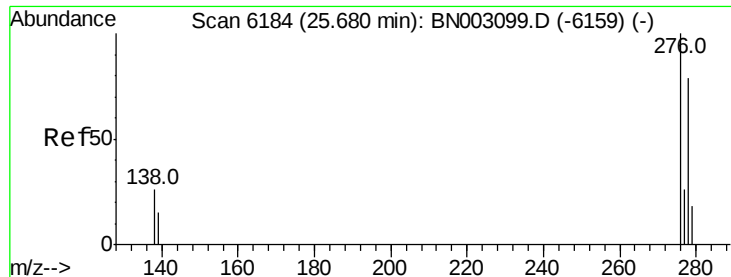
Delta R.T. -0.04 min

Lab File: BN003101.D

Acq: 11 Oct 2018 14:10

Tgt Ion:	276	Resp:	45020
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.5	32.3
227	0.1	0.3	0.5#





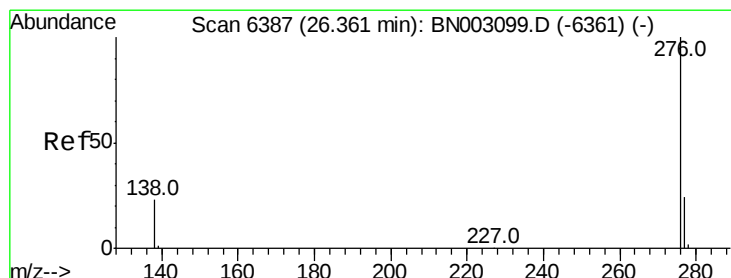
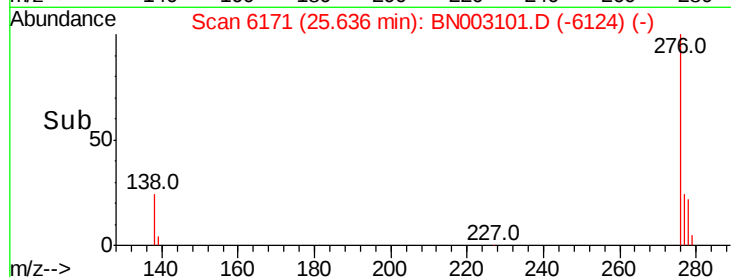
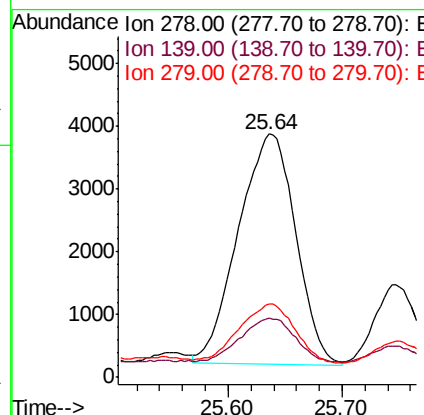
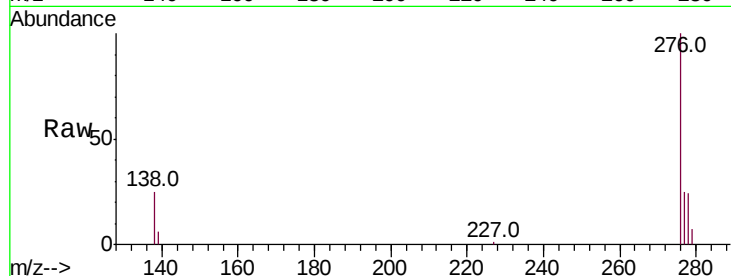
#25
Dibenzo(a,h)anthracene
Concen: 0.923 ng/ul
RT: 25.64 min Scan# 6171
Delta R.T. -0.04 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Instrument :
BNA_N
ClientSampled :
A3Z04MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.4	20.2	30.4
279	30.2	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:11 PM



#26
Benzo(g,h,i)perylene
Concen: 2.635 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.04 min
Lab File: BN003101.D
Acq: 11 Oct 2018 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.0	34.4
277	24.3	22.0	33.0

