

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012369.D
 Acq On : 20 Oct 2020 02:24
 Operator : CG/JU
 Sample : L4308-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP6DL

Manual Integrations
 APPROVED

Sohil
 10/20/2020 9:36:27 AM

Quant Time: Oct 20 08:29:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 08:18:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1247	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5275	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	2975	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6082	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5435	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5395	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	287	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.02	212	558	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	370	0.024	ng/ul#	61
7) Acenaphthylene	13.96	152	914	0.071	ng/ul#	87
8) Acenaphthene	14.30	153	1078	0.099	ng/ul	97
9) Fluorene	15.29	166	1519	0.125	ng/ul#	97
12) Phenanthrene	17.03	178	37397	1.929	ng/ul	98
13) Anthracene	17.12	178	6705	0.403	ng/ul	98
15) Fluoranthene	19.05	202	90515	3.993	ng/ul	98
17) Pyrene	19.41	202	72315	2.951	ng/ul	98
18) Benzo(a)anthracene	21.17	228	34696	1.723	ng/ul	99
19) Chrysene	21.22	228	43708	1.782	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	58762m	2.697	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	19744m	0.819	ng/ul	
23) Benzo(a)pyrene	23.26	252	33838	1.596	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.52	276	26864	0.986	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.53	278	6916	0.317	ng/ul	94
26) Benzo(a,h,i)perylene	26.18	276	23418	0.938	ng/ul	98

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

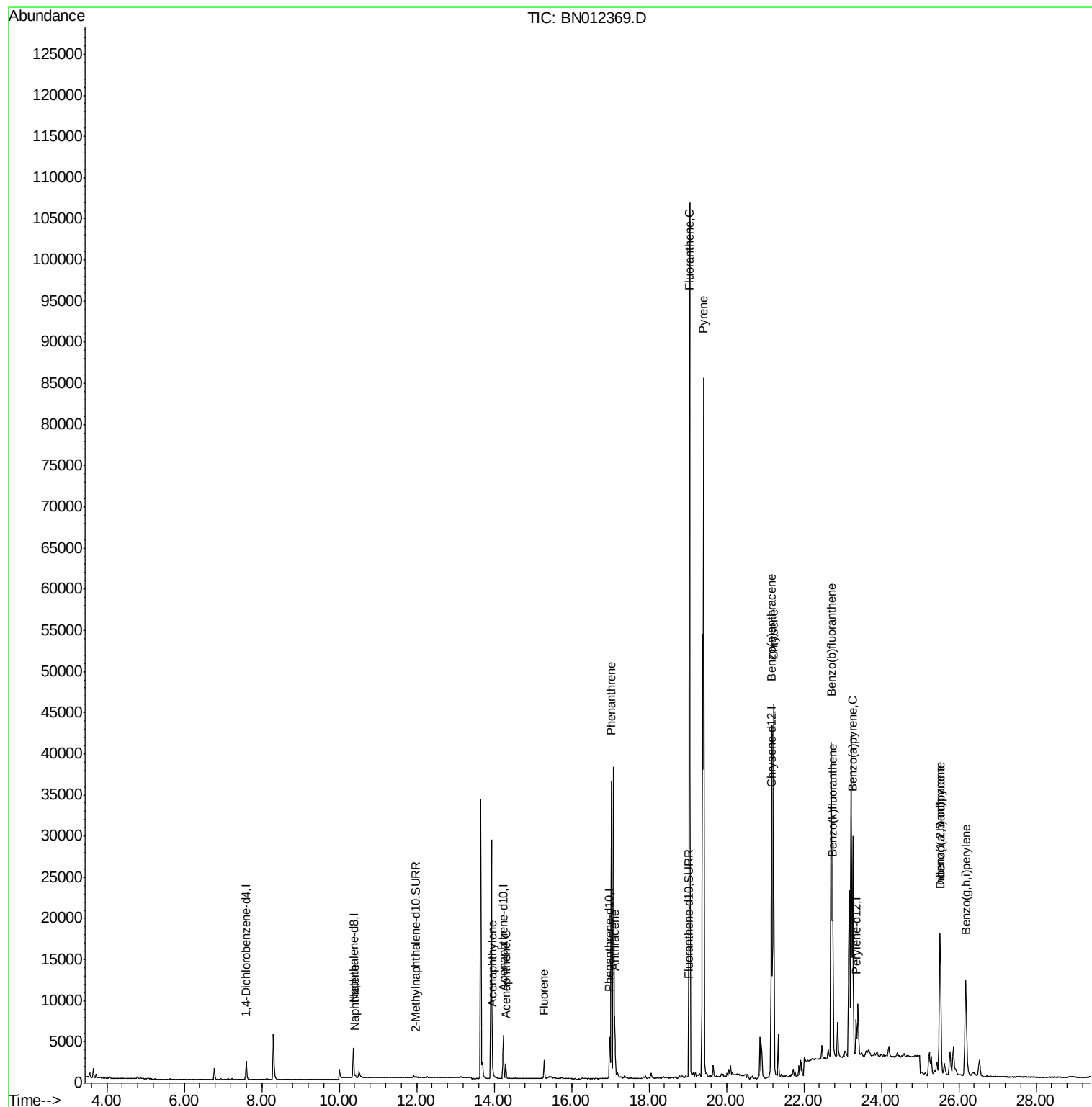
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
Data File : BN012369.D
Acq On : 20 Oct 2020 02:24
Operator : CG/JU
Sample : L4308-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

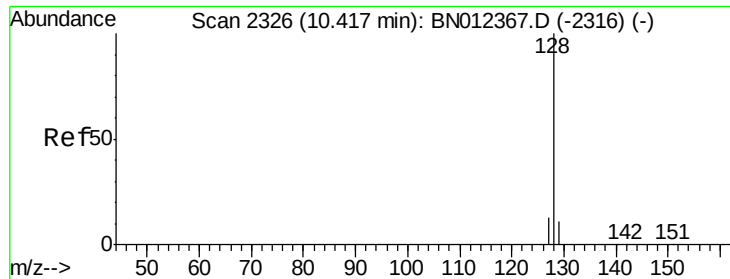
Instrument :
BNA_N
ClientSampleId :
C0AP6DL

Quant Time: Oct 20 08:29:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 08:18:15 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Instrument :

BNA_N

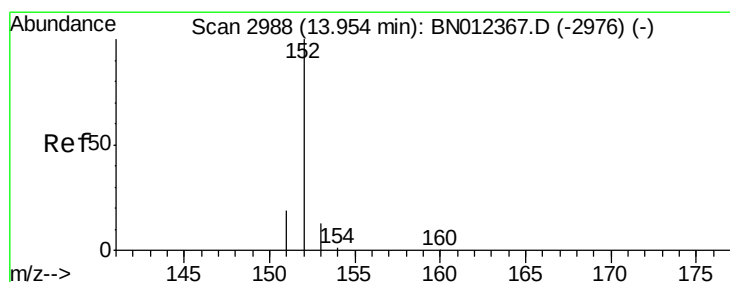
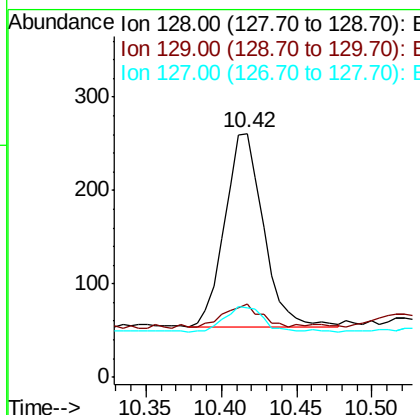
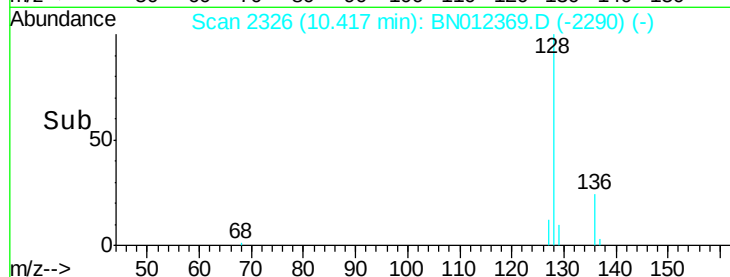
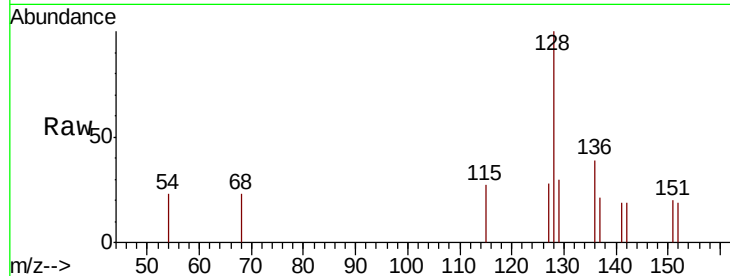
ClientSampleId :

C0AP6DL

Tot Ion:	128	Resp:	370
Ion	Ratio	Lower	Upper
128	100		
129	29.9	9.8	14.6#
127	28.4	11.4	17.2#

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#7

Acenaphthylene

Concen: 0.071 ng/ul

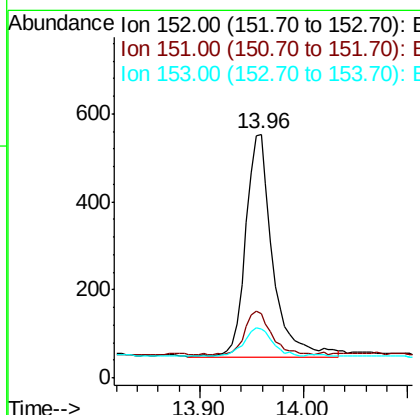
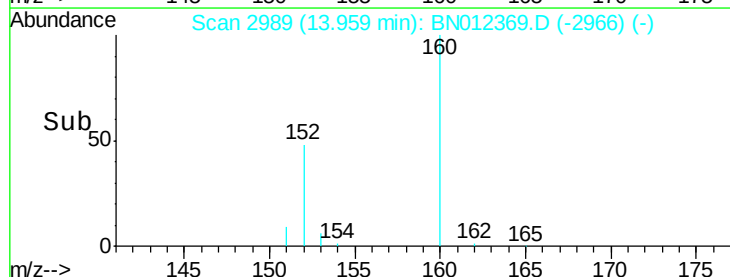
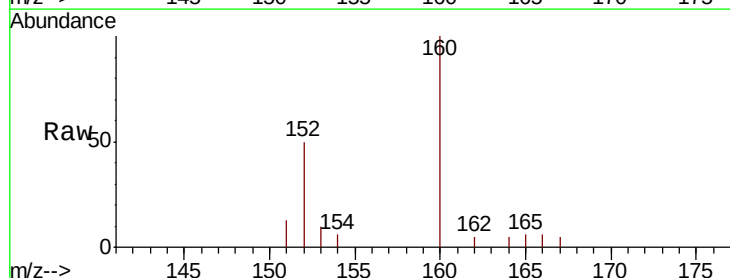
RT: 13.96 min Scan# 2989

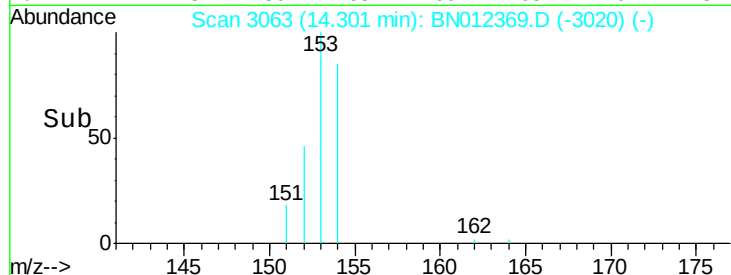
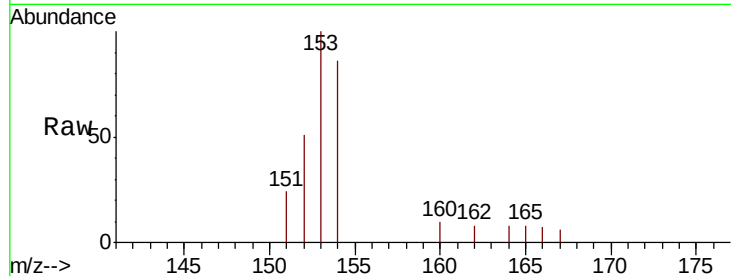
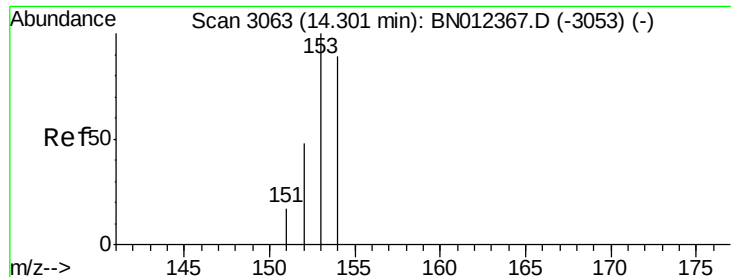
Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Tgt Ion:	152	Resp:	914
Ion	Ratio	Lower	Upper
152	100		
151	26.4	16.6	24.8#
153	20.1	11.4	17.0#





#8

Acenaphthene

Concen: 0.099 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Tot Ion:	153	Resp:	1078
Ion	Ratio	Lower	Upper
153	100		
152	50.6	38.5	57.7
154	86.1	70.7	106.1

Instrument :

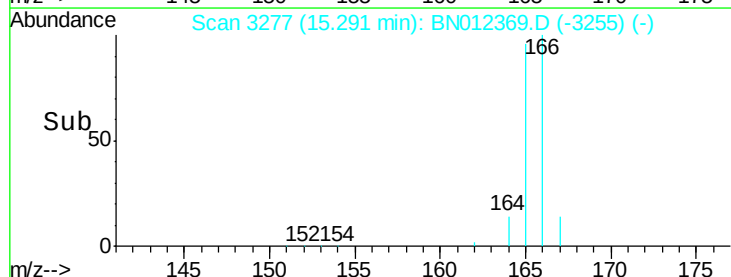
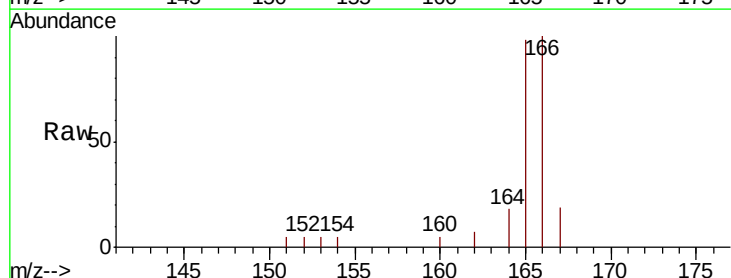
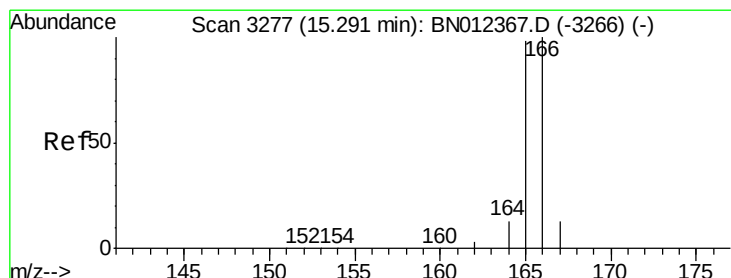
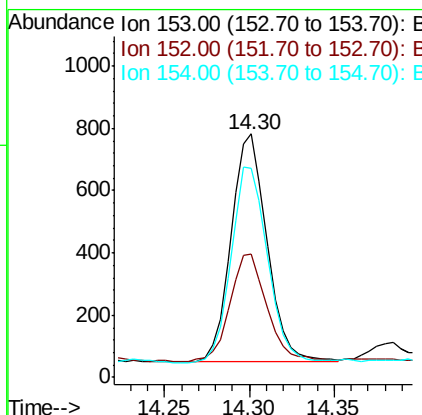
BNA_N

ClientSampleId :

C0AP6DL

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#9

Fluorene

Concen: 0.125 ng/ul

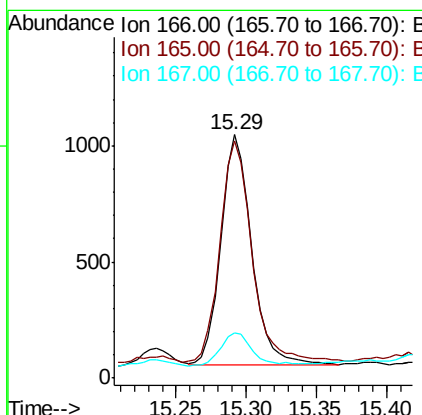
RT: 15.29 min Scan# 3277

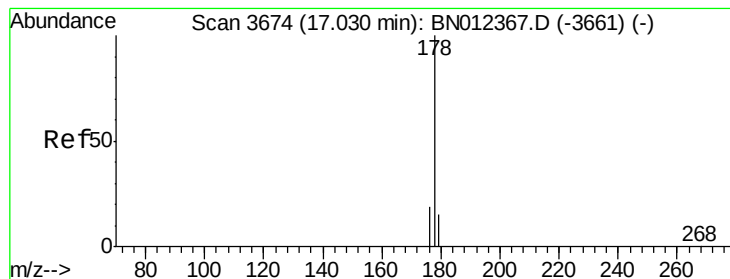
Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Tgt Ion:	166	Resp:	1519
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.3	114.5
167	18.8	12.0	18.0#





#12

Phenanthrene

Concen: 1.929 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Instrument :

BNA_N

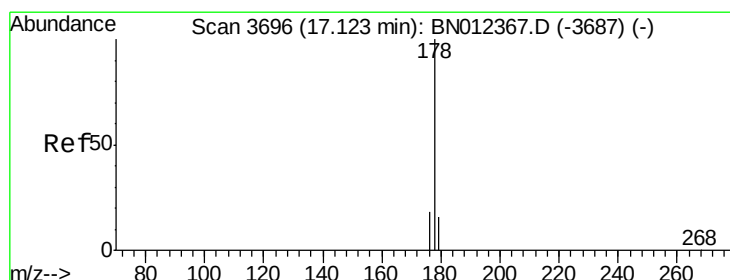
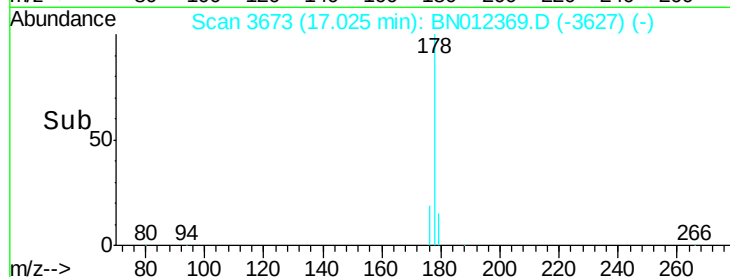
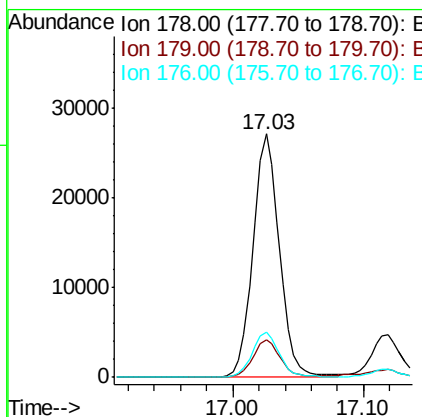
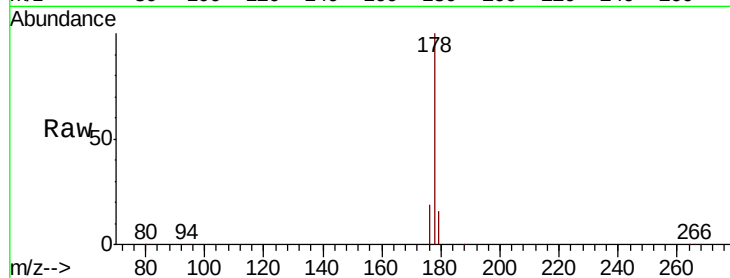
ClientSampleId :

C0AP6DL

Tot Ion:178	Resp:	37397
Ion Ratio	Lower	Upper
178	100	
179	15.6	13.1 19.7
176	18.8	15.8 23.8

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#13

Anthracene

Concen: 0.403 ng/ul

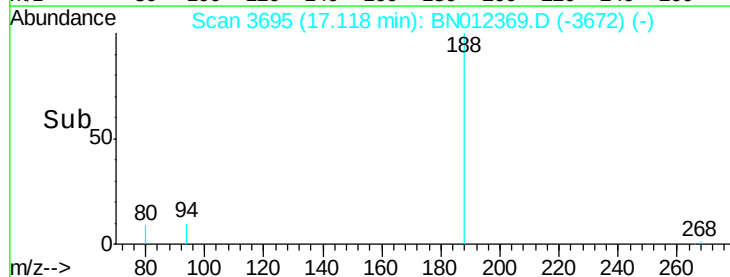
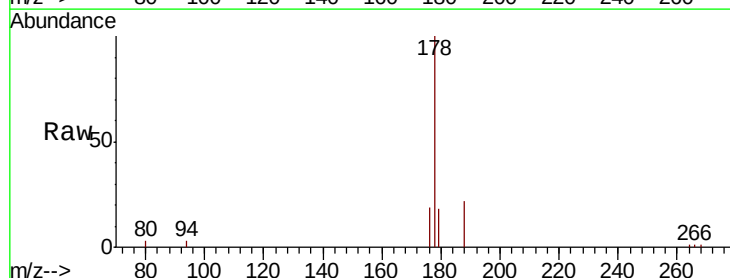
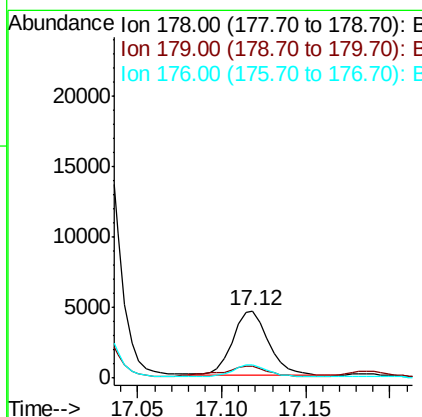
RT: 17.12 min Scan# 3695

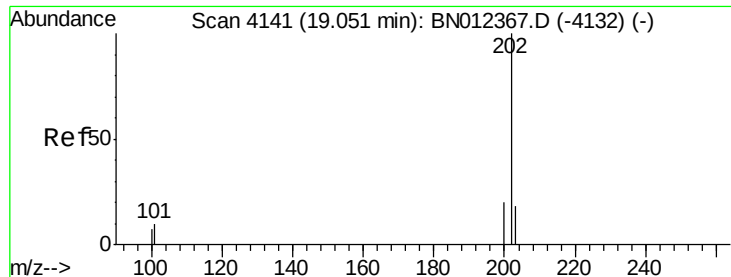
Delta R.T. -0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Tgt Ion:178	Resp:	6705
Ion Ratio	Lower	Upper
178	100	
179	17.6	13.1 19.7
176	18.8	15.4 23.2





#15

Fluoranthene

Concen: 3.993 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Instrument :

BNA_N

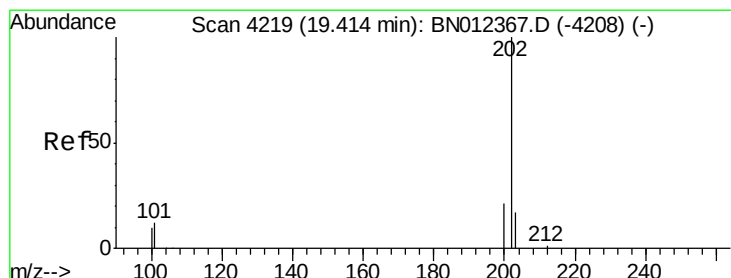
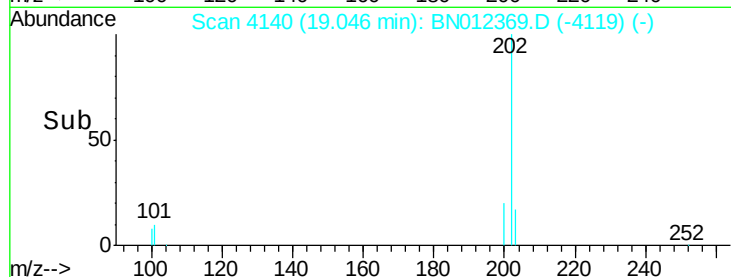
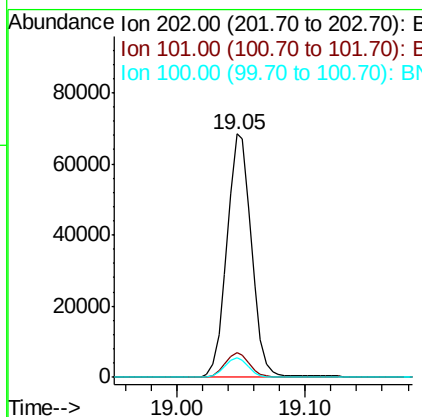
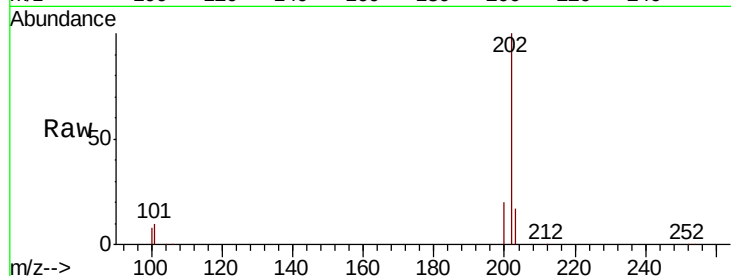
ClientSampleId :

C0AP6DL

Tot Ion:	202	Resp:	90515
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.1
100	8.0	0.0	28.7

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#17

Pyrene

Concen: 2.951 ng/ul

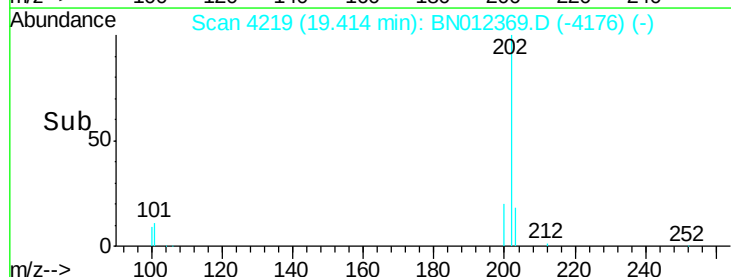
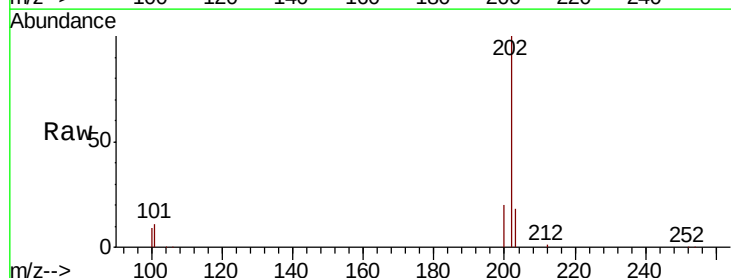
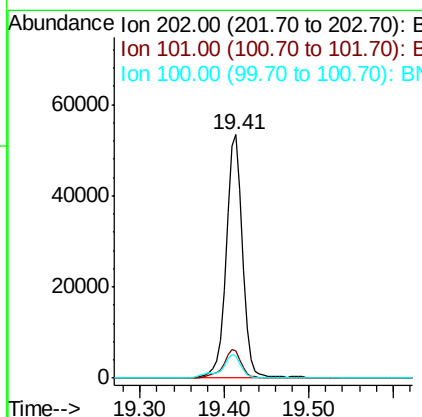
RT: 19.41 min Scan# 4219

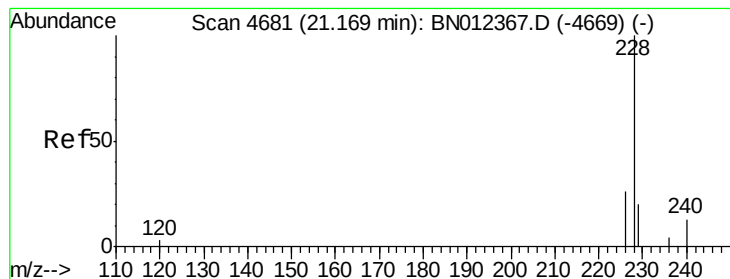
Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Tgt Ion:	202	Resp:	72315
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.6	14.4
100	9.1	7.8	11.8





#18

Benzo(a)anthracene

Concen: 1.723 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Instrument :

BNA_N

ClientSampleId :

C0AP6DL

Tot Ion:228 Resp: 34696

Ion Ratio Lower Upper

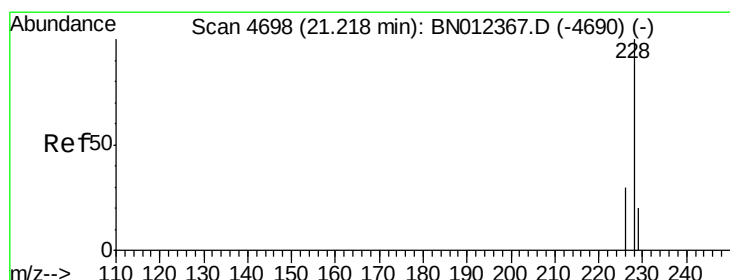
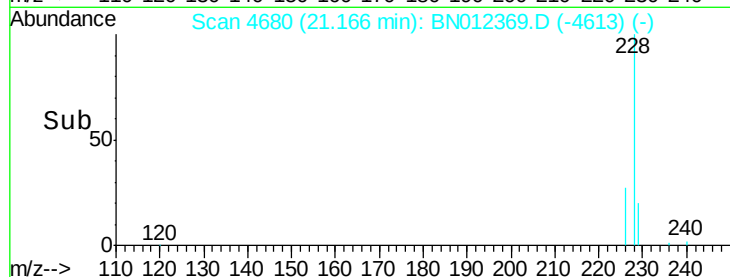
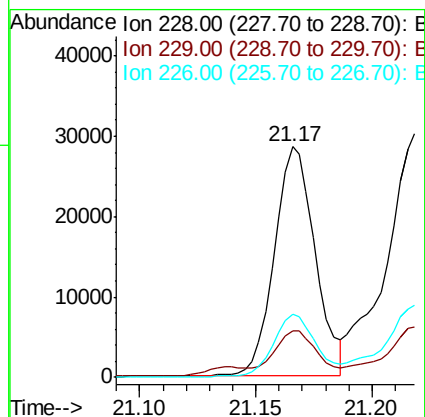
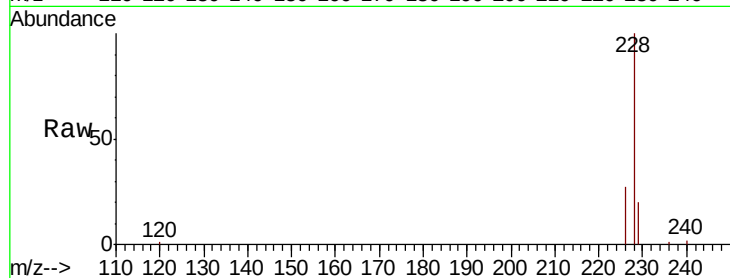
228 100

229 20.2 16.2 24.4

226 27.4 21.2 31.8

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#19

Chrysene

Concen: 1.782 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

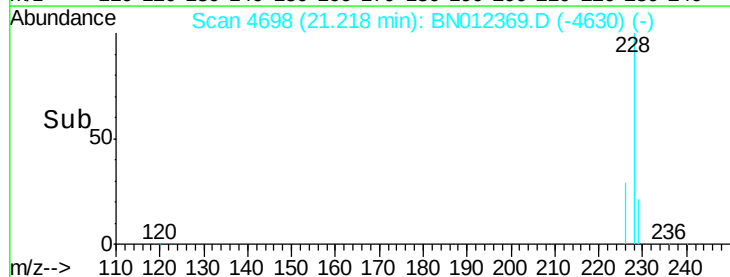
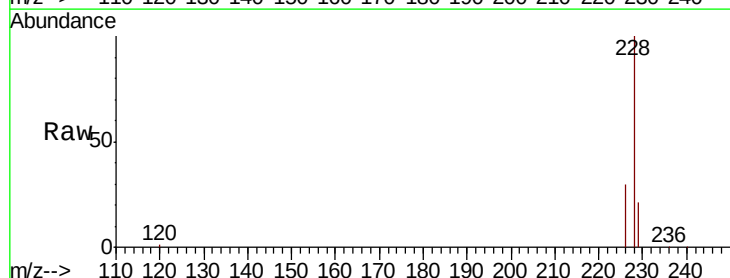
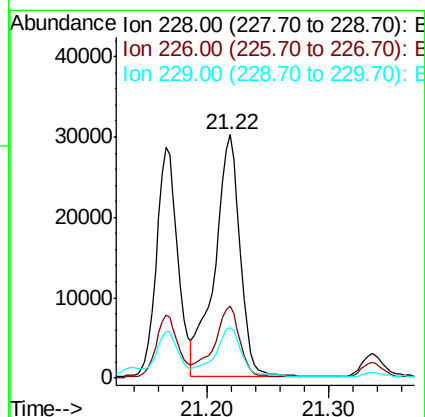
Tgt Ion:228 Resp: 43708

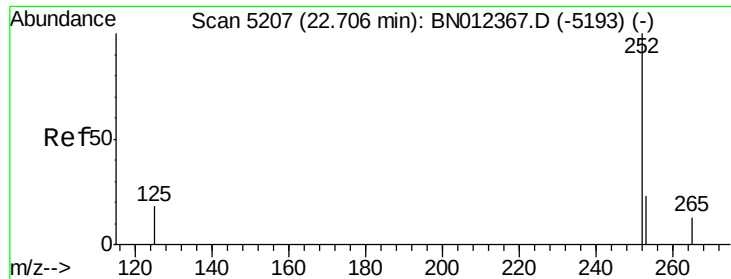
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 20.9 15.8 23.8





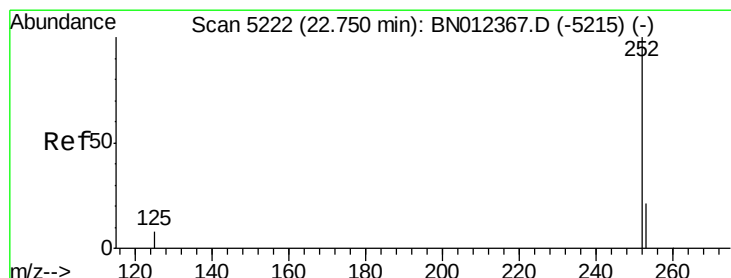
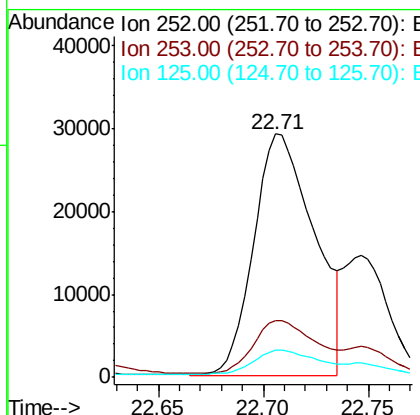
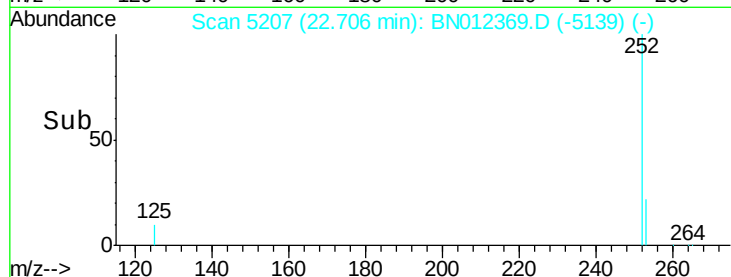
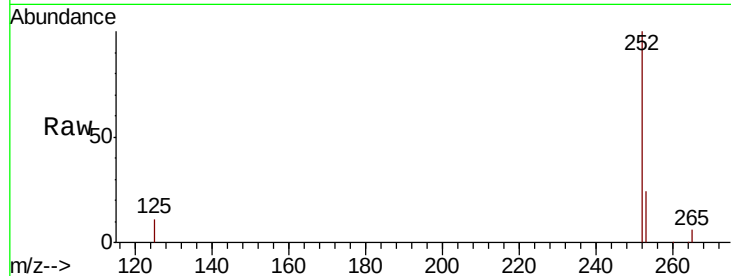
#21
Benzo(b)fluoranthene
Concen: 2.697 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. 0.00 min
Lab File: BN012369.D
Acq: 20 Oct 2020 02:24

Instrument :
BNA_N
ClientSampleId :
C0AP6DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	0.0	56.4
125	11.0	0.0	37.8

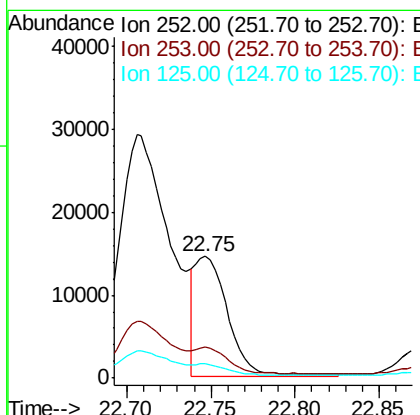
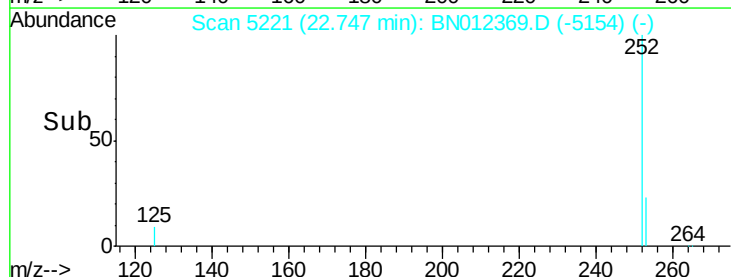
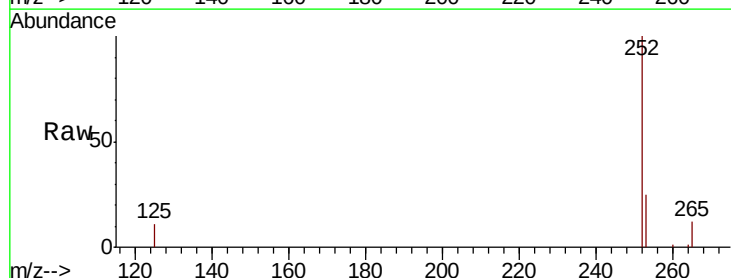
Manual Integrations
APPROVED

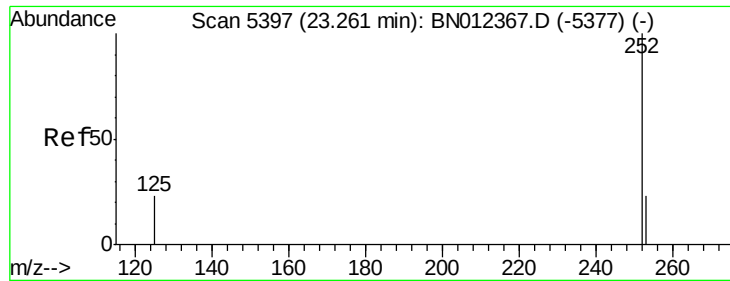
Sohil
10/20/2020 9:36:27 AM



#22
Benzo(k)fluoranthene
Concen: 0.819 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.00 min
Lab File: BN012369.D
Acq: 20 Oct 2020 02:24

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	22.2	33.4
125	11.5	11.0	16.4





#23

Benzo(a)pyrene

Concen: 1.596 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. 0.00 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Instrument :

BNA_N

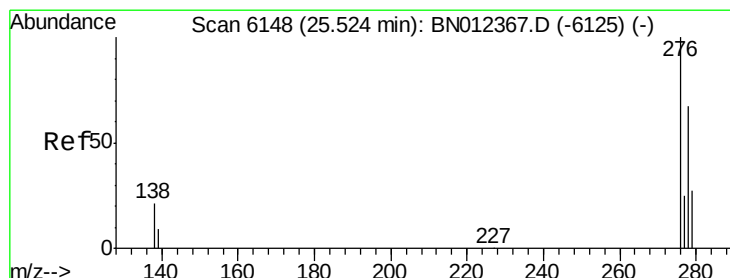
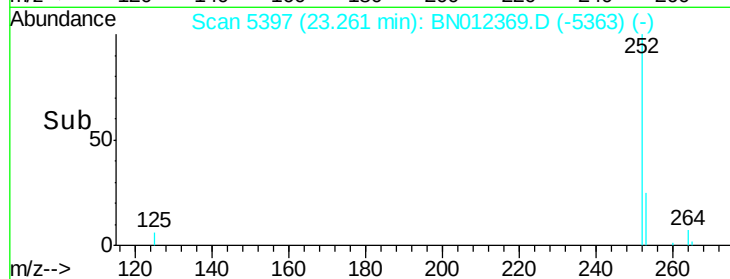
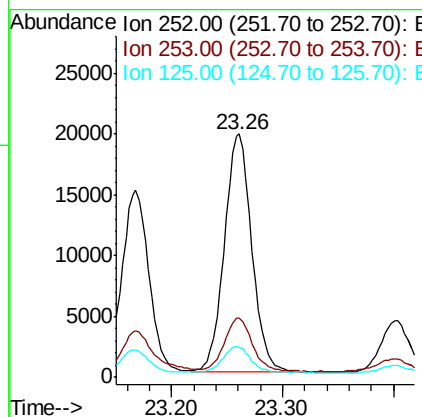
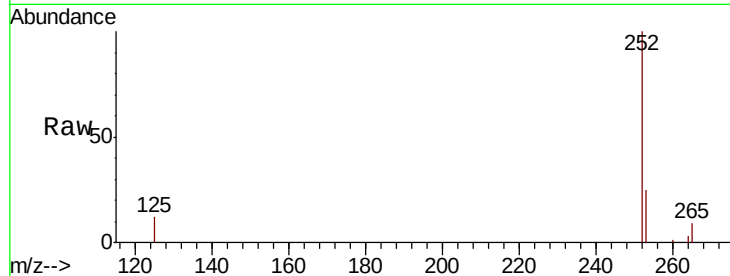
ClientSampleId :

C0AP6DL

Tot Ion:	252	Resp:	33838
Ion Ratio	Lower	Upper	
252	100		
253	24.5	23.8	35.6
125	12.4	19.3	28.9#

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.986 ng/ul

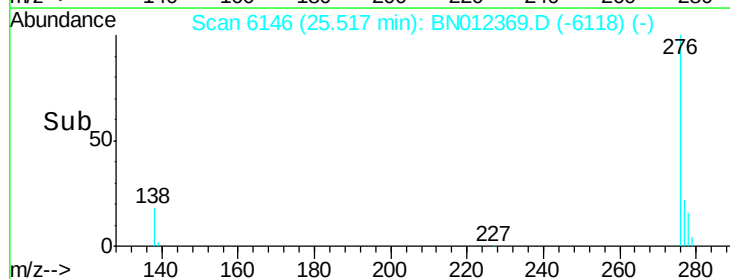
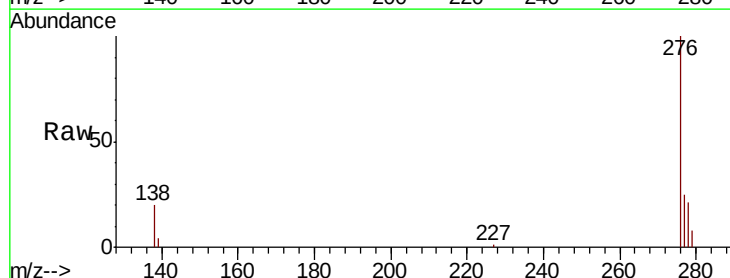
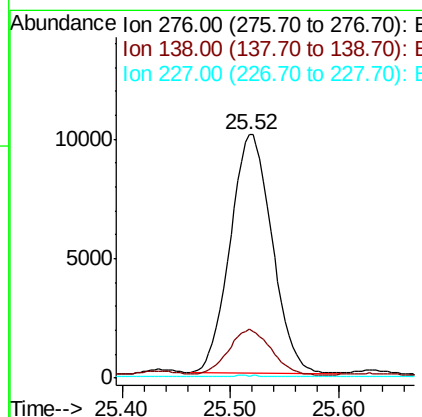
RT: 25.52 min Scan# 6146

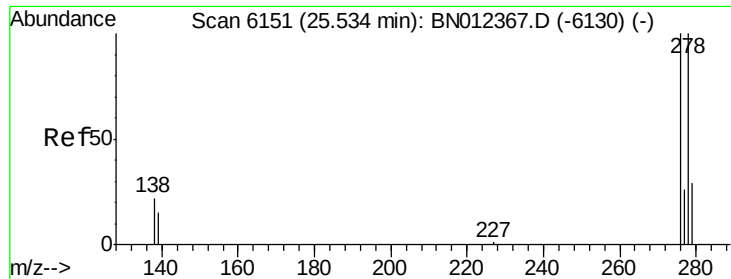
Delta R.T. -0.01 min

Lab File: BN012369.D

Acq: 20 Oct 2020 02:24

Tgt Ion:	276	Resp:	26864
Ion Ratio	Lower	Upper	
276	100		
138	19.2	17.0	25.6
227	0.2	0.1	0.1#





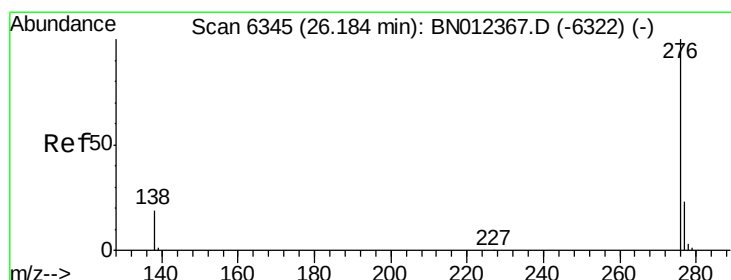
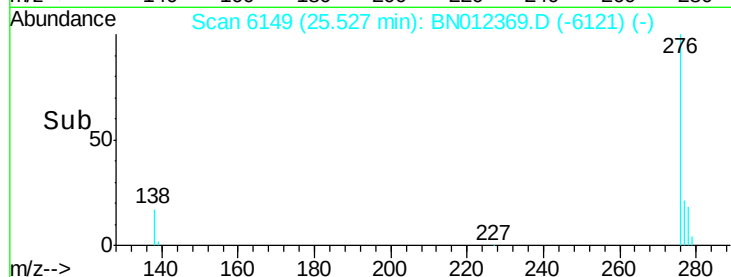
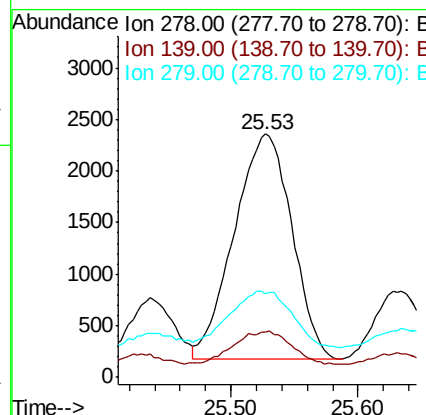
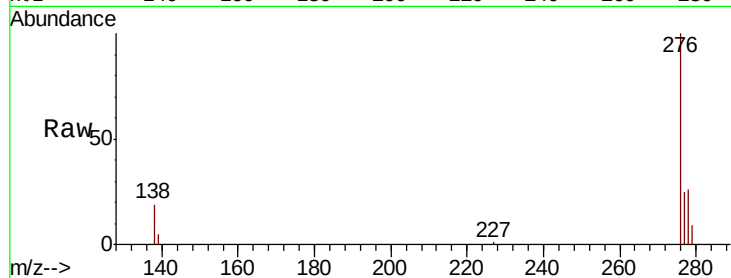
#25
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 25.53 min Scan# 6149
Delta R.T. -0.01 min
Lab File: BN012369.D
Acq: 20 Oct 2020 02:24

Instrument :
BNA_N
ClientSampleId :
C0AP6DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.8	20.8
279	34.5	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:27 AM



#26
Benzo(g,h,i)perylene
Concen: 0.938 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. -0.00 min
Lab File: BN012369.D
Acq: 20 Oct 2020 02:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.6	24.8
277	24.8	20.7	31.1

