

Data File : BN012219.D
Acq On : 15 Oct 2020 06:34
Operator : CG/JU
Sample : L4184-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AP1

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM

Quant Time: Oct 15 08:03:21 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 : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7532	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4551	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9354m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6670	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6869	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2696	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	5488	0.21	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	26190	1.205	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	8079	0.585	ng/ul	99
7) Acenaphthylene	13.98	152	22408	1.135	ng/ul	99
8) Acenaphthene	14.32	153	12977	0.778	ng/ul	98
9) Fluorene	15.31	166	17655	0.950	ng/ul	98
11) Pentachlorophenol	16.66	266	786	0.291	ng/ul	99
12) Phenanthrene	17.05	178	302375	10.141	ng/ul	98
13) Anthracene	17.14	178	77492	3.030	ng/ul	98
15) Fluoranthene	19.08	202	657215	18.850	ng/ul	98
17) Pyrene	19.44	202	554773	18.448	ng/ul	99
18) Benzo(a)anthracene	21.20	228	333902	13.515	ng/ul	98
19) Chrysene	21.25	228	309900	10.296	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	455061m	16.402	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	155538m	5.065	ng/ul	
23) Benzo(a)pyrene	23.31	252	311298	11.534	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.59	276	232938	6.718	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	62910	2.268	ng/ul#	91
26) Benzo(g,h,i)perylene	26.27	276	217634	6.848	ng/ul	98

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

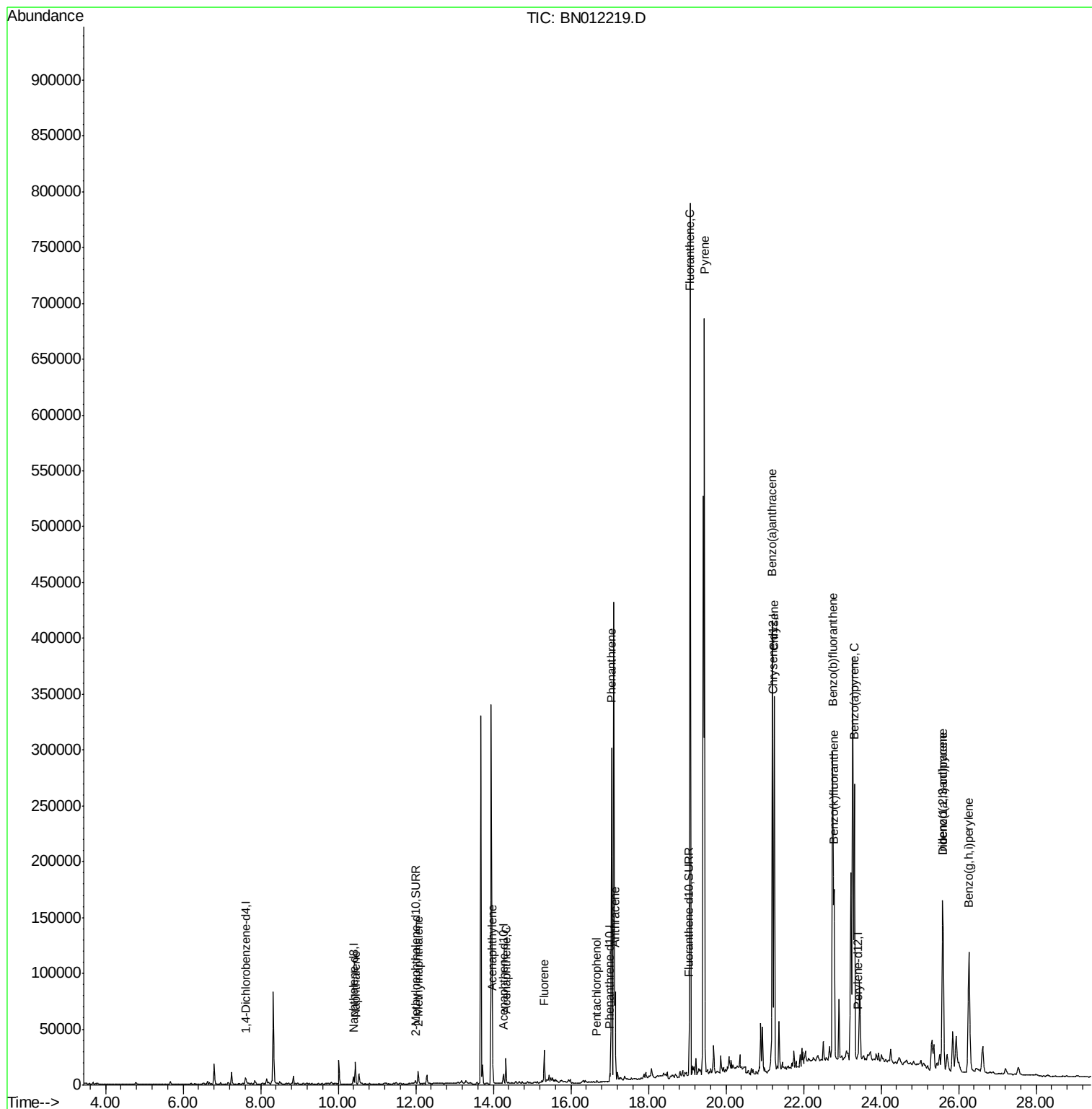
Data File : BN012219.D
Acq On : 15 Oct 2020 06:34
Operator : CG/JU
Sample : L4184-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

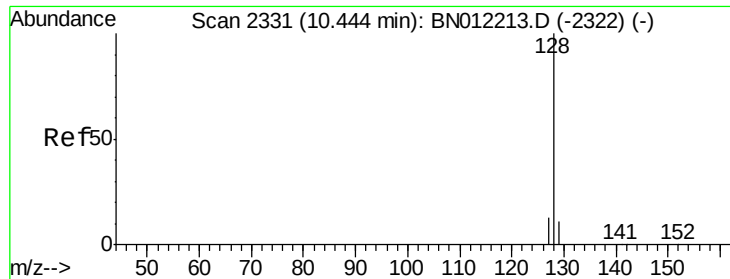
Instrument :
BNA_N
ClientSampleId :
C0AP1

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM

Quant Time: Oct 15 08:03:21 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 : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.205 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

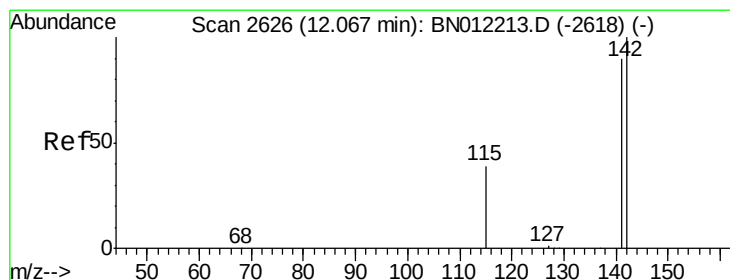
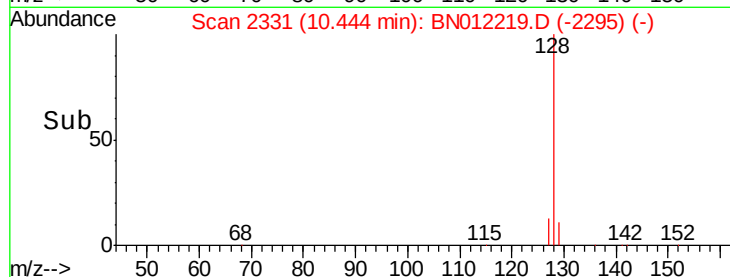
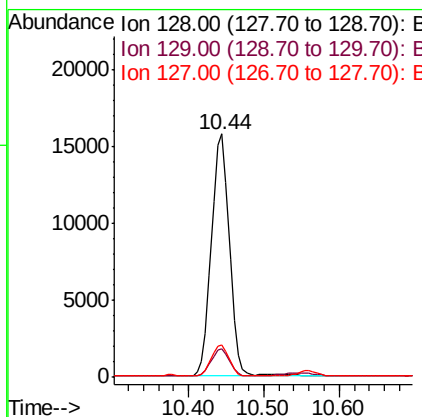
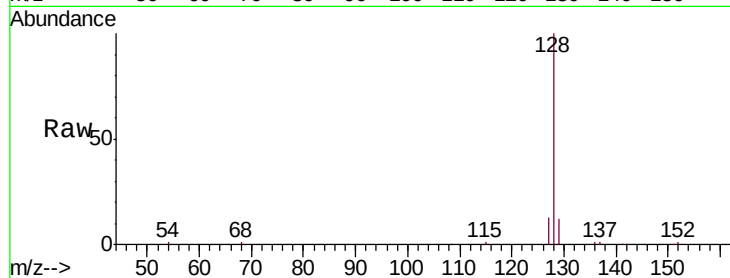
ClientSampleId :

C0AP1

Tgt Ion:	128	Resp:	26190
Ion Ratio	Lower	Upper	
128	100		
129	11.9	10.3	15.5
127	13.3	11.9	17.9

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#5

2-Methylnaphthalene

Concen: 0.585 ng/ul

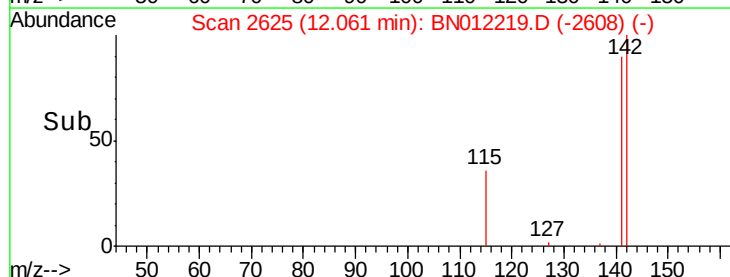
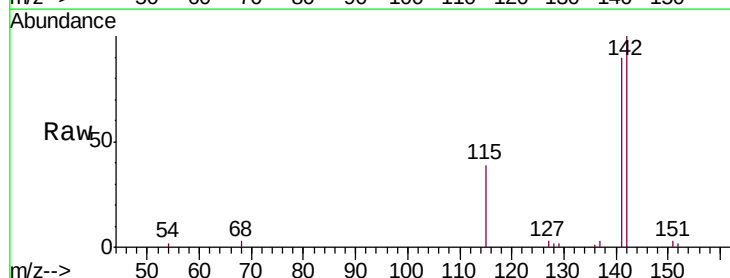
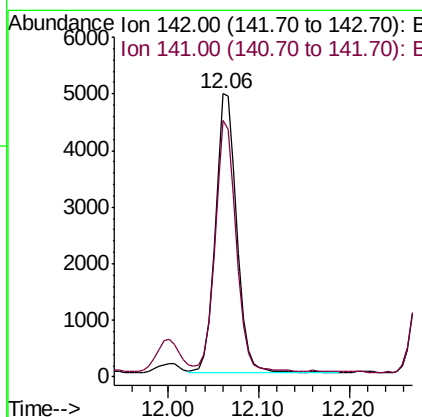
RT: 12.06 min Scan# 2625

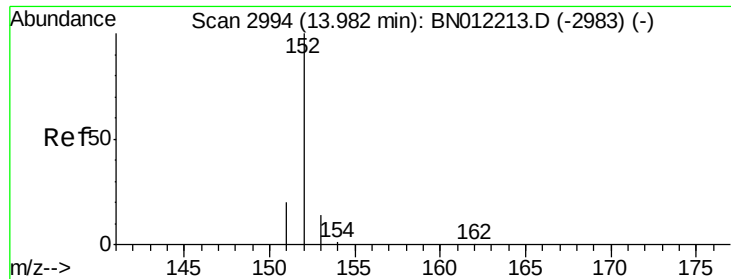
Delta R.T. -0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Tgt Ion:	142	Resp:	8079
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.7	107.5





#7

Acenaphthylene

Concen: 1.135 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

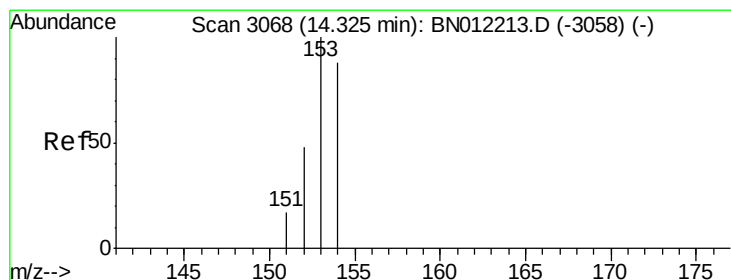
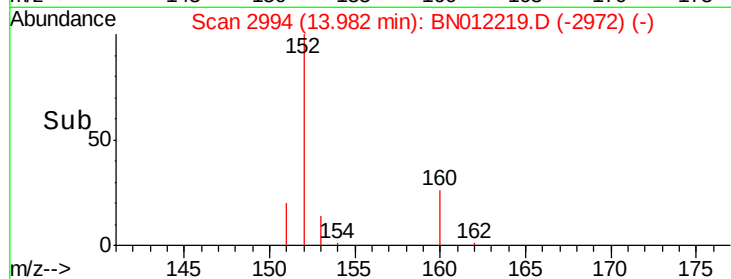
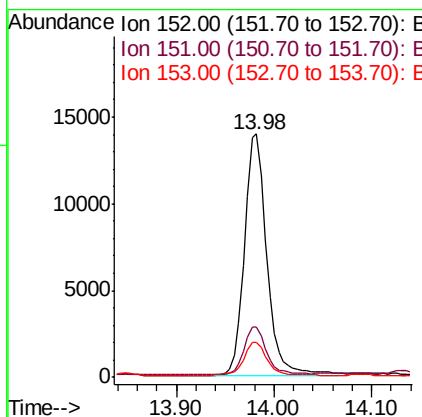
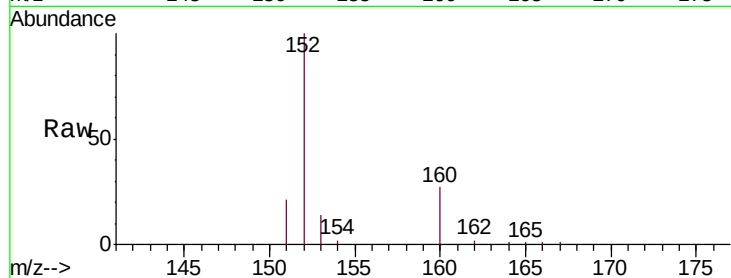
ClientSampleId :

C0AP1

Tgt Ion:	152	Resp:	22408
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.7	25.1
153	14.3	11.8	17.8

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#8

Acenaphthene

Concen: 0.778 ng/ul

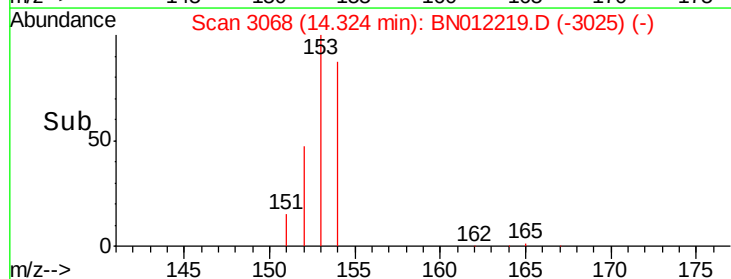
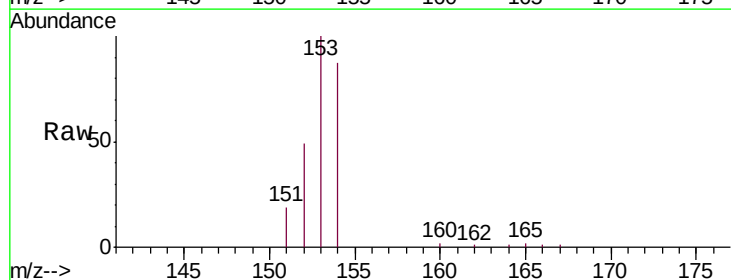
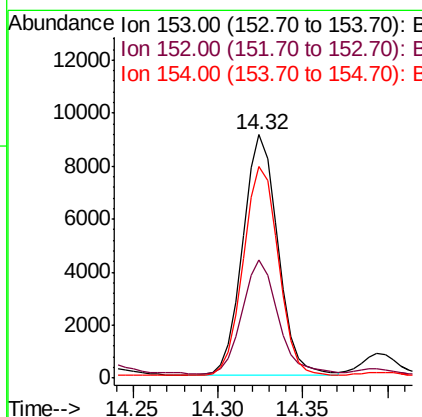
RT: 14.32 min Scan# 3068

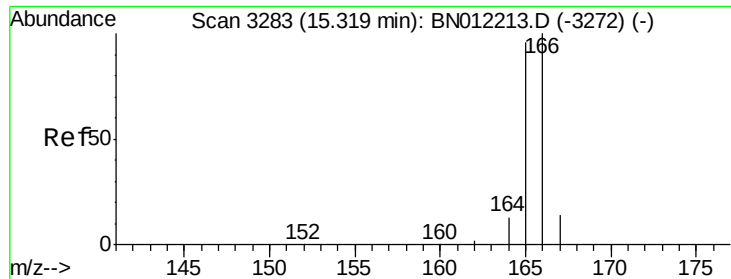
Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Tgt Ion:	153	Resp:	12977
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.2	57.2
154	87.2	71.1	106.7





#9

Fluorene

Concen: 0.950 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

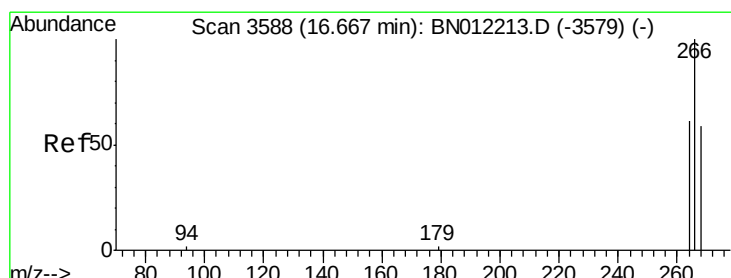
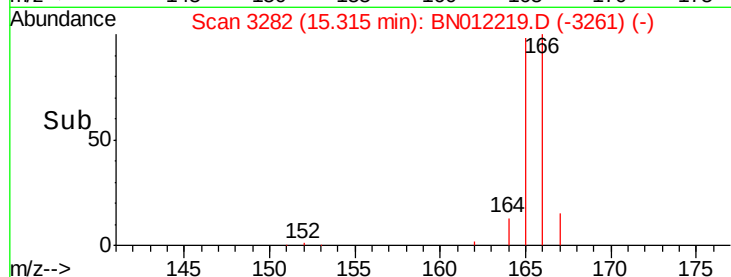
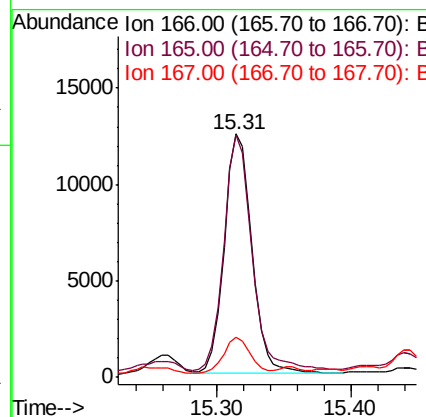
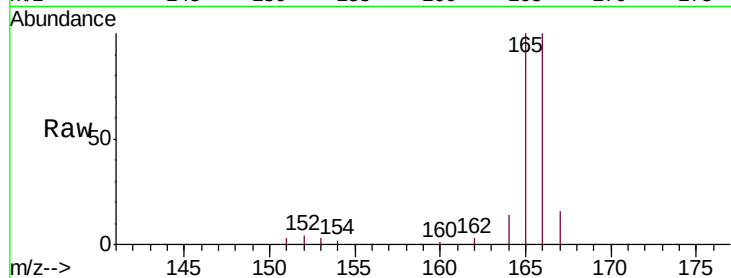
ClientSampleId :

C0AP1

Tgt Ion:	166	Resp:	17655
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.6	118.0
167	16.4	11.9	17.9

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#11

Pentachlorophenol

Concen: 0.291 ng/ul

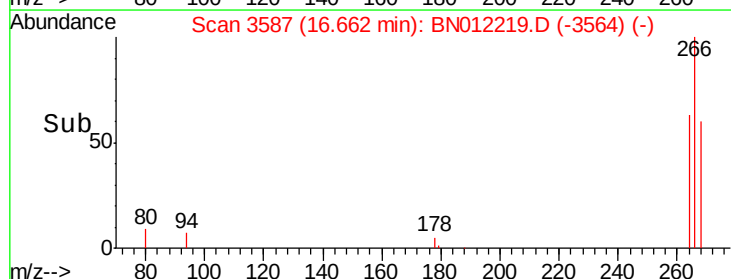
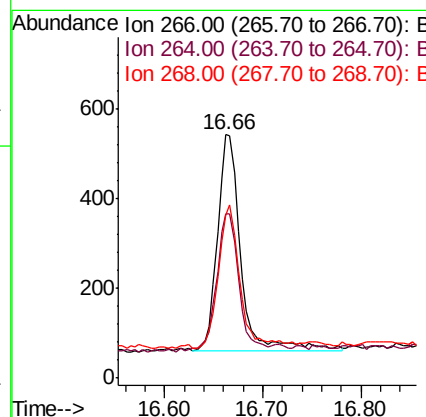
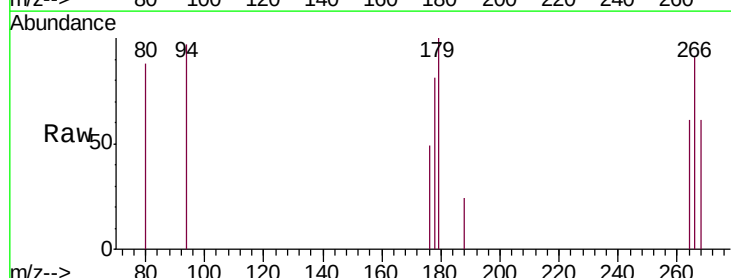
RT: 16.66 min Scan# 3587

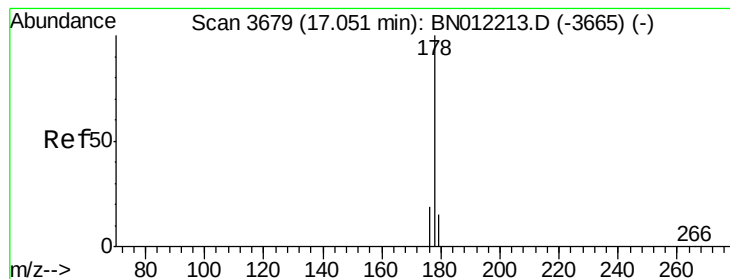
Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Tgt Ion:	266	Resp:	786
Ion Ratio	Lower	Upper	
266	100		
264	62.8	50.3	75.5
268	63.9	52.4	78.6





#12

Phenanthrene

Concen: 10.141 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

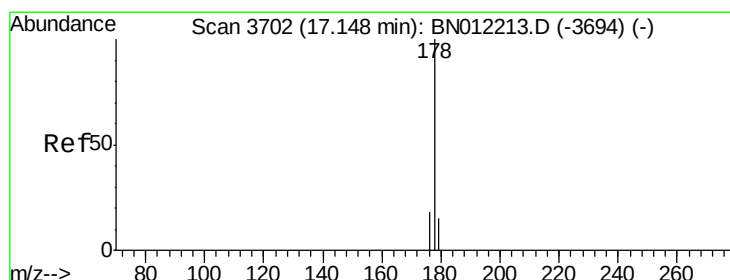
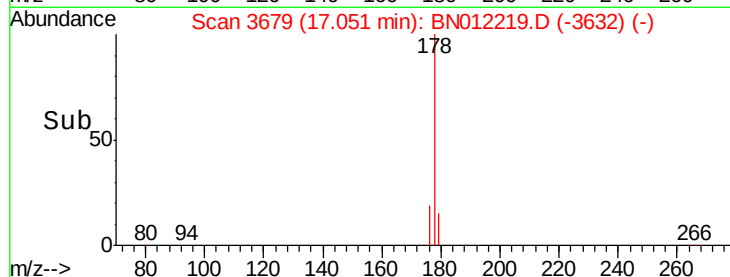
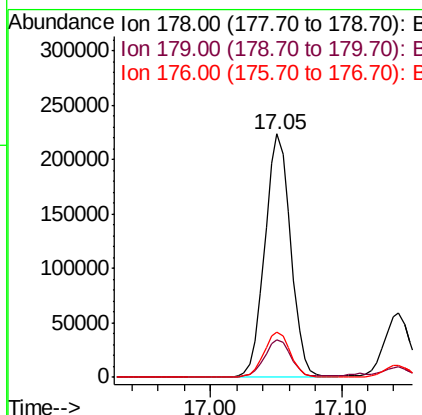
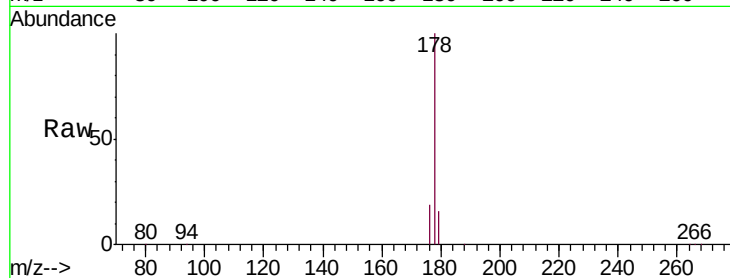
ClientSampleId :

C0AP1

Tgt Ion:	178	Resp:	302375
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.4	20.2
176	18.8	15.7	23.5

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#13

Anthracene

Concen: 3.030 ng/ul

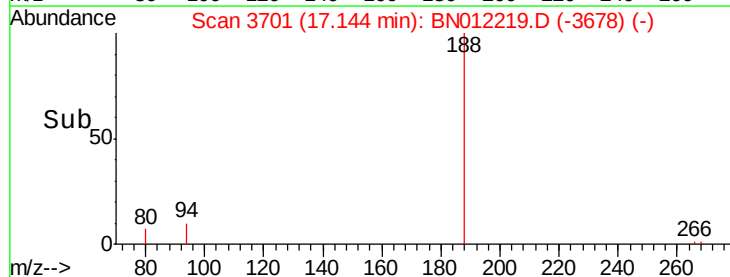
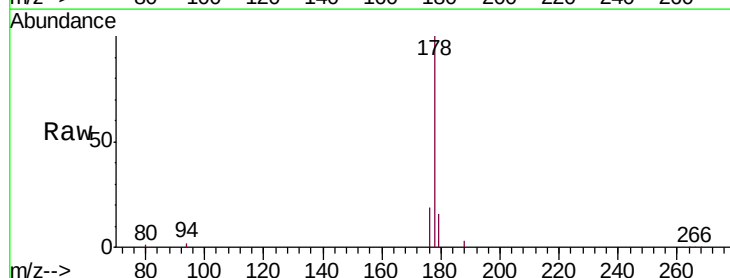
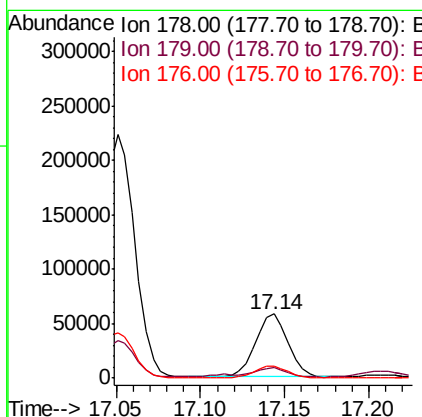
RT: 17.14 min Scan# 3701

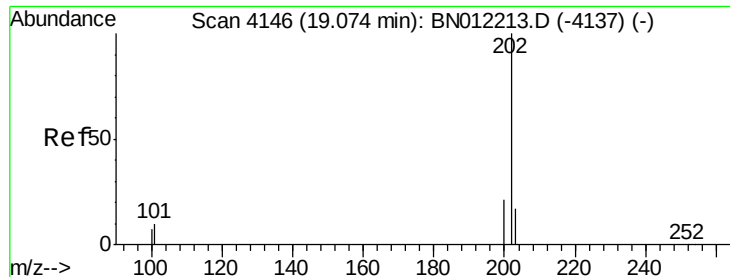
Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Tgt Ion:	178	Resp:	77492
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.9	20.9
176	18.5	15.4	23.0





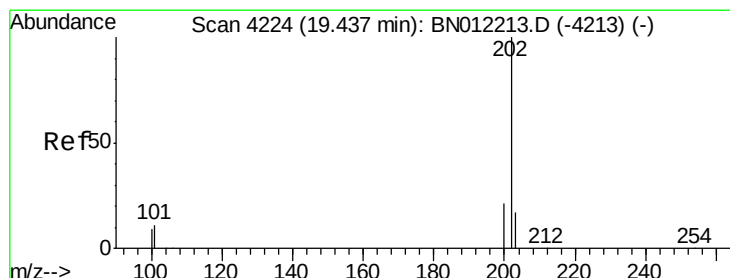
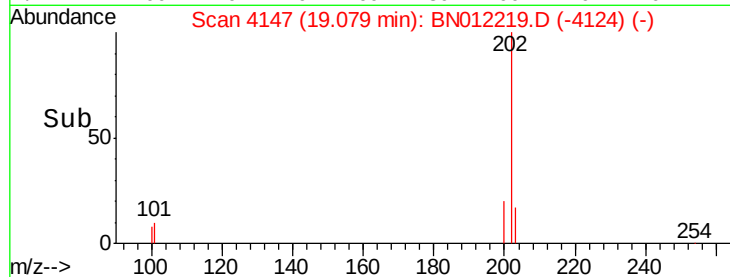
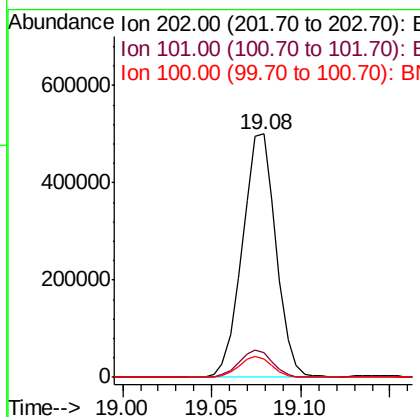
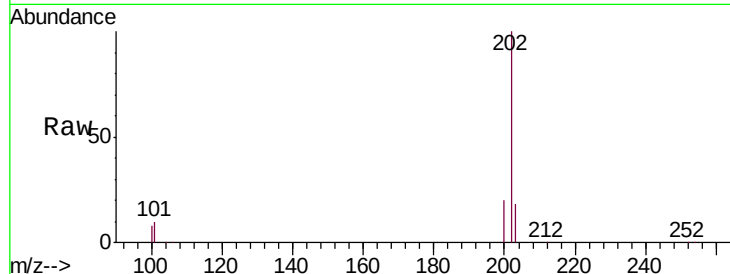
#15
 Fluoranthene
 Concen: 18.850 ng/ul
 RT: 19.08 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: BN012219.D
 Acq: 15 Oct 2020 06:34

Instrument :
 BNA_N
 ClientSampleId :
 C0AP1

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		657215		
101	10.3	0.0	31.0		
100	7.6	0.0	28.7		

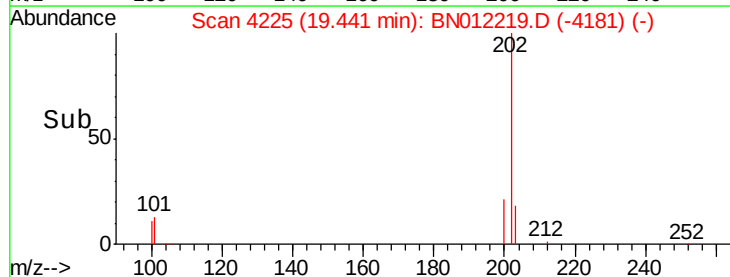
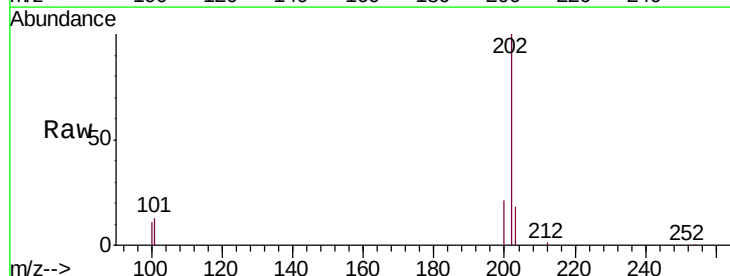
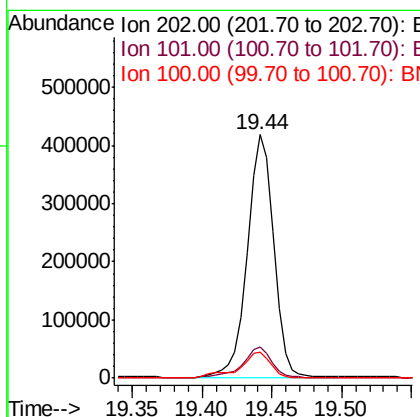
Manual Integrations
 APPROVED

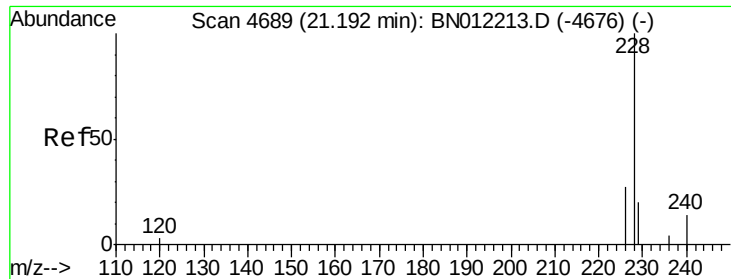
mohammad
 10/19/2020 1:19:04 PM



#17
 Pyrene
 Concen: 18.448 ng/ul
 RT: 19.44 min Scan# 4225
 Delta R.T. 0.00 min
 Lab File: BN012219.D
 Acq: 15 Oct 2020 06:34

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		554773		
101	12.9	9.9	14.9		
100	10.5	8.0	12.0		





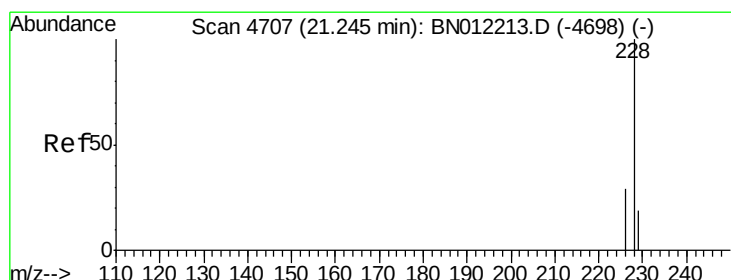
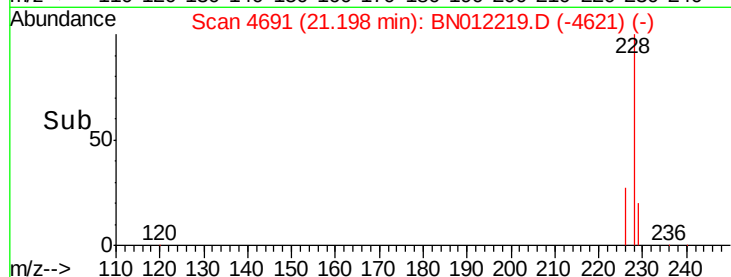
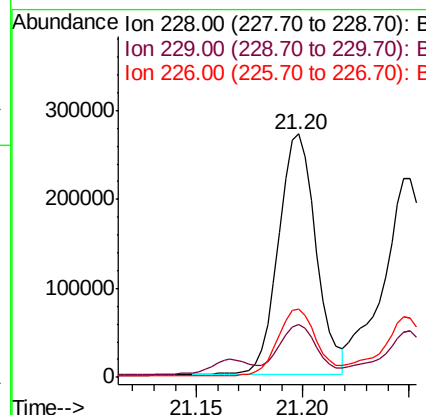
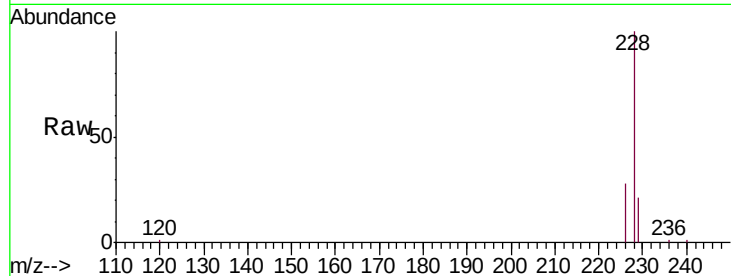
#18
Benzo(a)anthracene
Concen: 13.515 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.01 min
Lab File: BN012219.D
Acq: 15 Oct 2020 06:34

Instrument :
BNA_N
ClientSampleId :
C0AP1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	27.8	22.6	33.8

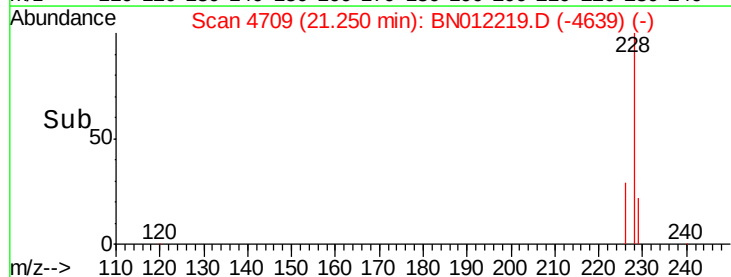
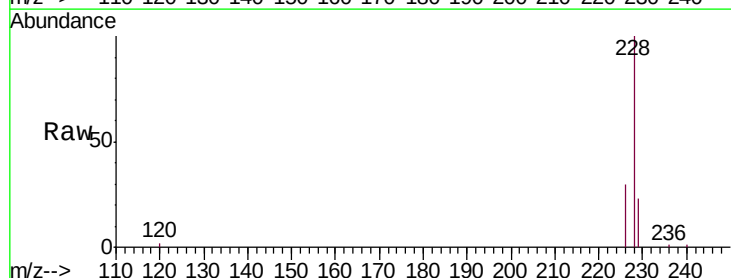
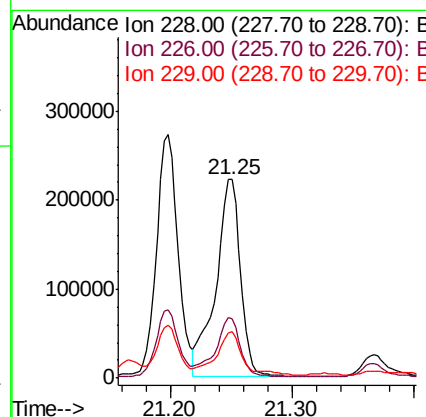
Manual Integrations
APPROVED

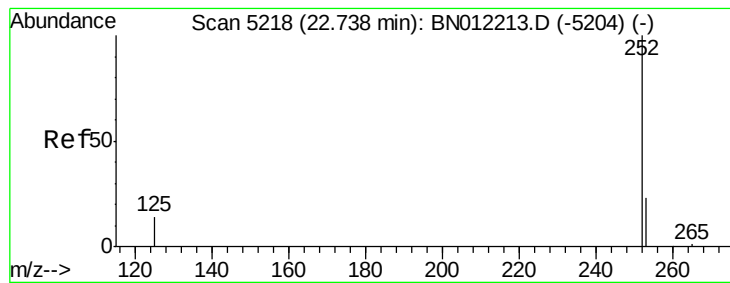
mohammad
10/19/2020 1:19:04 PM



#19
Chrysene
Concen: 10.296 ng/ul
RT: 21.25 min Scan# 4709
Delta R.T. 0.01 min
Lab File: BN012219.D
Acq: 15 Oct 2020 06:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	37.0
229	23.3	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 16.402 ng/ul m

RT: 22.75 min Scan# 5223

Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

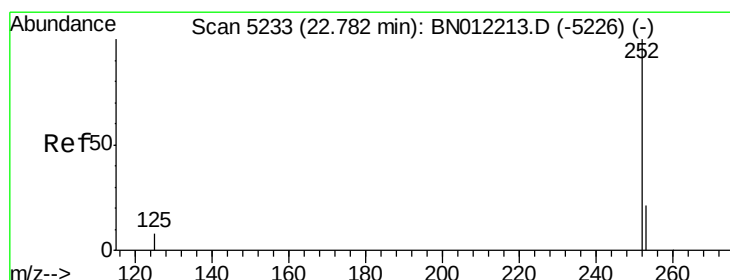
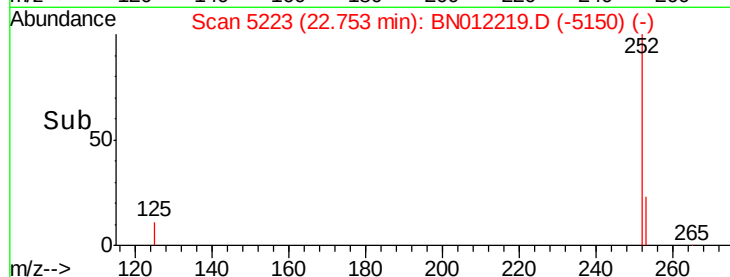
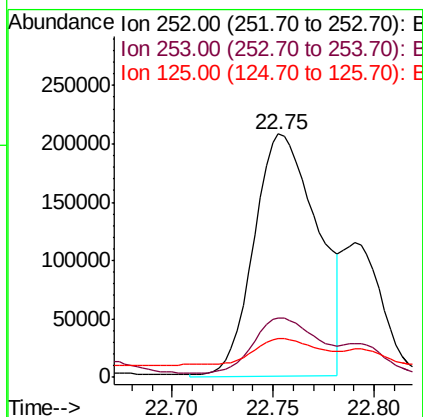
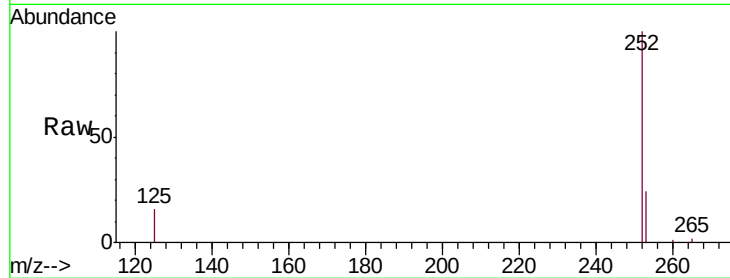
ClientSampleId :

C0AP1

Tgt	Ion:252	Resp:	455061
Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	61.6
125	15.8	0.0	36.8

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#22

Benzo(k)fluoranthene

Concen: 5.065 ng/ul m

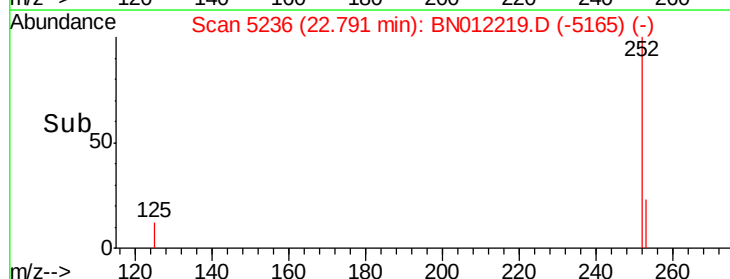
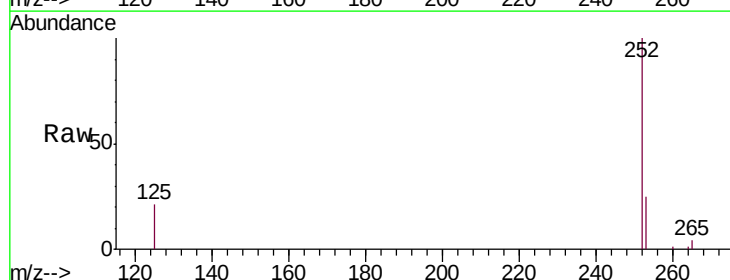
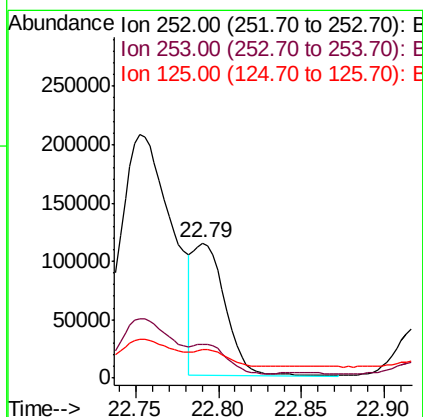
RT: 22.79 min Scan# 5236

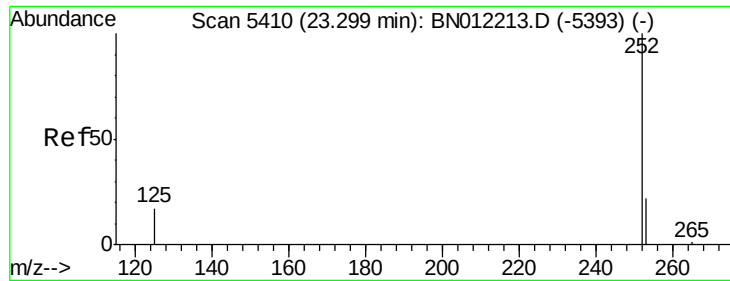
Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Tgt	Ion:252	Resp:	155538
Ion	Ratio	Lower	Upper
252	100		
253	25.4	24.4	36.6
125	20.9	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 11.534 ng/ul

RT: 23.31 min Scan# 5414

Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

ClientSampleId :

C0AP1

Tgt Ion: 252 Resp: 311298

Ion Ratio Lower Upper

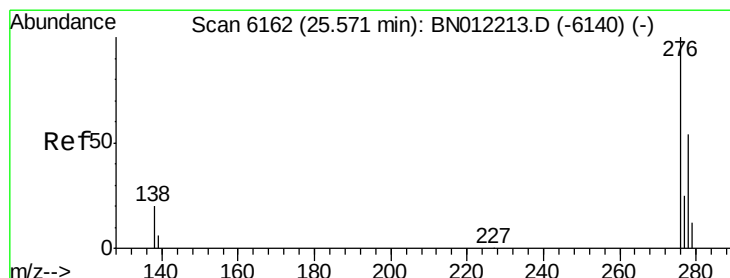
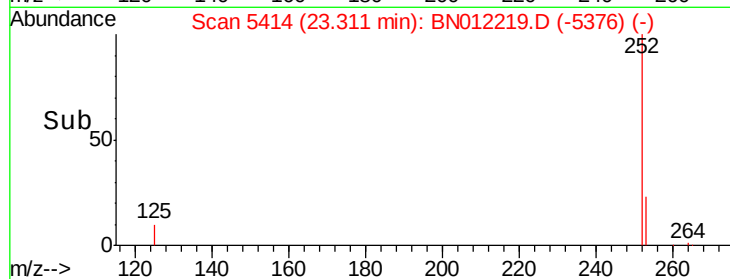
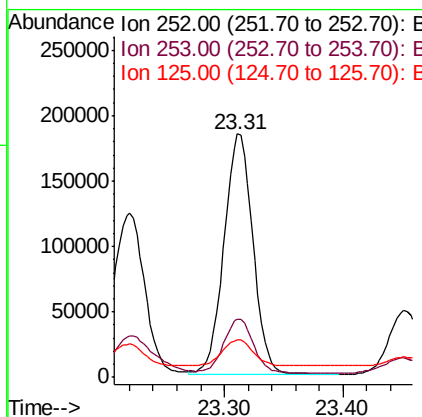
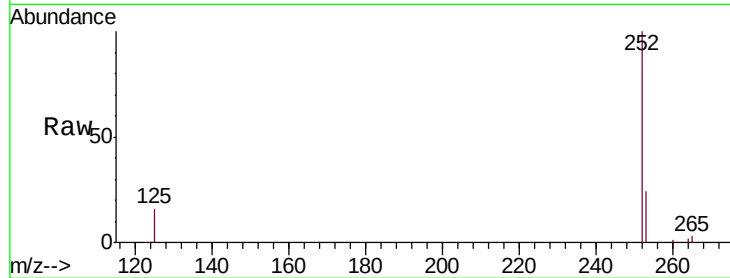
252 100

253 24.0 27.0 40.4#

125 15.7 18.8 28.2#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.718 ng/ul

RT: 25.59 min Scan# 6169

Delta R.T. 0.02 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

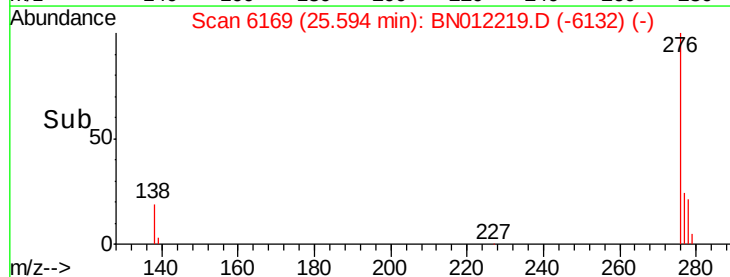
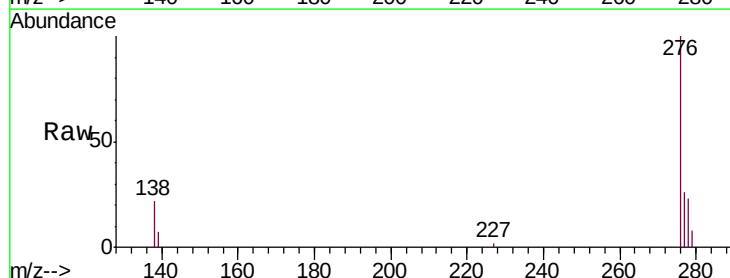
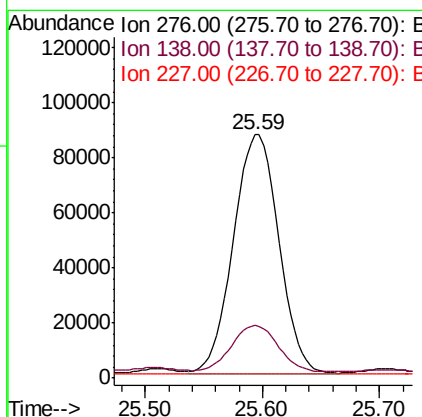
Tgt Ion: 276 Resp: 232938

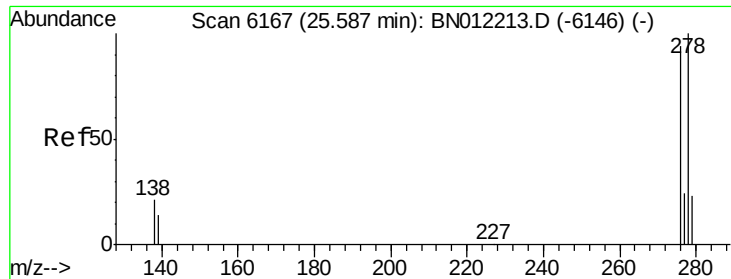
Ion Ratio Lower Upper

276 100

138 19.9 0.0 0.0#

227 0.2 0.0 0.0#





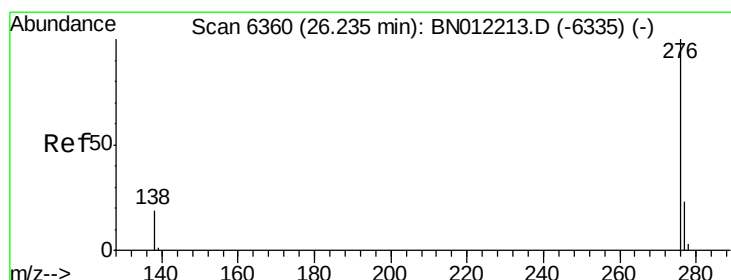
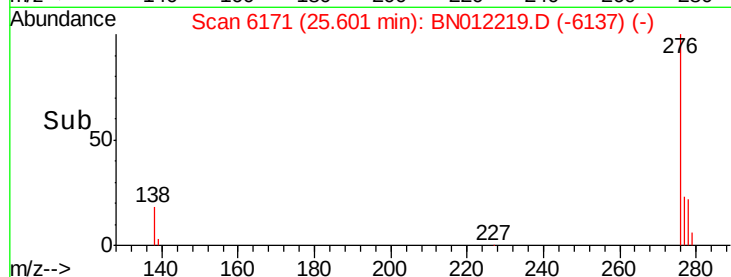
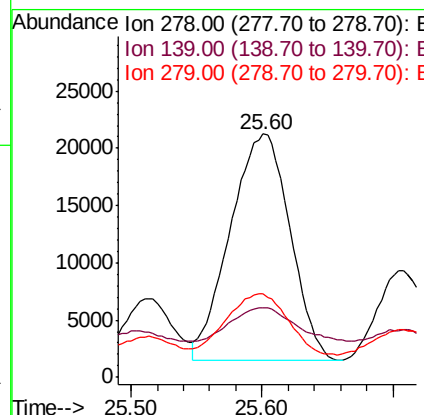
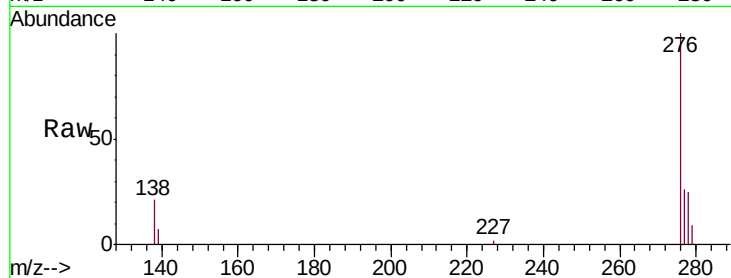
#25
Dibenzo(a,h)anthracene
Concen: 2.268 ng/ul
RT: 25.60 min Scan# 6171
Delta R.T. 0.01 min
Lab File: BN012219.D
Acq: 15 Oct 2020 06:34

Instrument :
BNA_N
ClientSampled :
C0AP1

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.8	15.7	23.5#
279	34.1	26.0	39.0

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:04 PM



#26
Benzo(g,h,i)perylene
Concen: 6.848 ng/ul
RT: 26.27 min Scan# 6370
Delta R.T. 0.03 min
Lab File: BN012219.D
Acq: 15 Oct 2020 06:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.1	25.7
277	25.3	21.1	31.7

