

Data File : BN012227.D
Acq On : 15 Oct 2020 12:36
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK9

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:12 PM

Quant Time: Oct 15 13:53:55 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 10:47:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1937	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8045	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5001	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10412	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8616	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	8783	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1764	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	3718	0.13	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.07	142	302	0.020	ng/ul	100
7) Acenaphthylene	13.98	152	434	0.020	ng/ul#	70
11) Pentachlorophenol	16.67	266	205	0.068	ng/ul	92
12) Phenanthrene	17.05	178	3267	0.098	ng/ul	97
13) Anthracene	17.14	178	810	0.028	ng/ul#	75
15) Fluoranthene	19.07	202	8689	0.224	ng/ul	96
17) Pyrene	19.44	202	8116	0.209	ng/ul#	93
18) Benzo(a)anthracene	21.20	228	4140	0.130	ng/ul	95
19) Chrysene	21.25	228	5055	0.130	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	6946m	0.196	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	3241m	0.083	ng/ul	
23) Benzo(a)pyrene	23.31	252	4296	0.124	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.58	276	3612	0.081	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1119	0.032	ng/ul#	22
26) Benzo(g,h,i)perylene	26.25	276	3422	0.084	ng/ul#	84

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

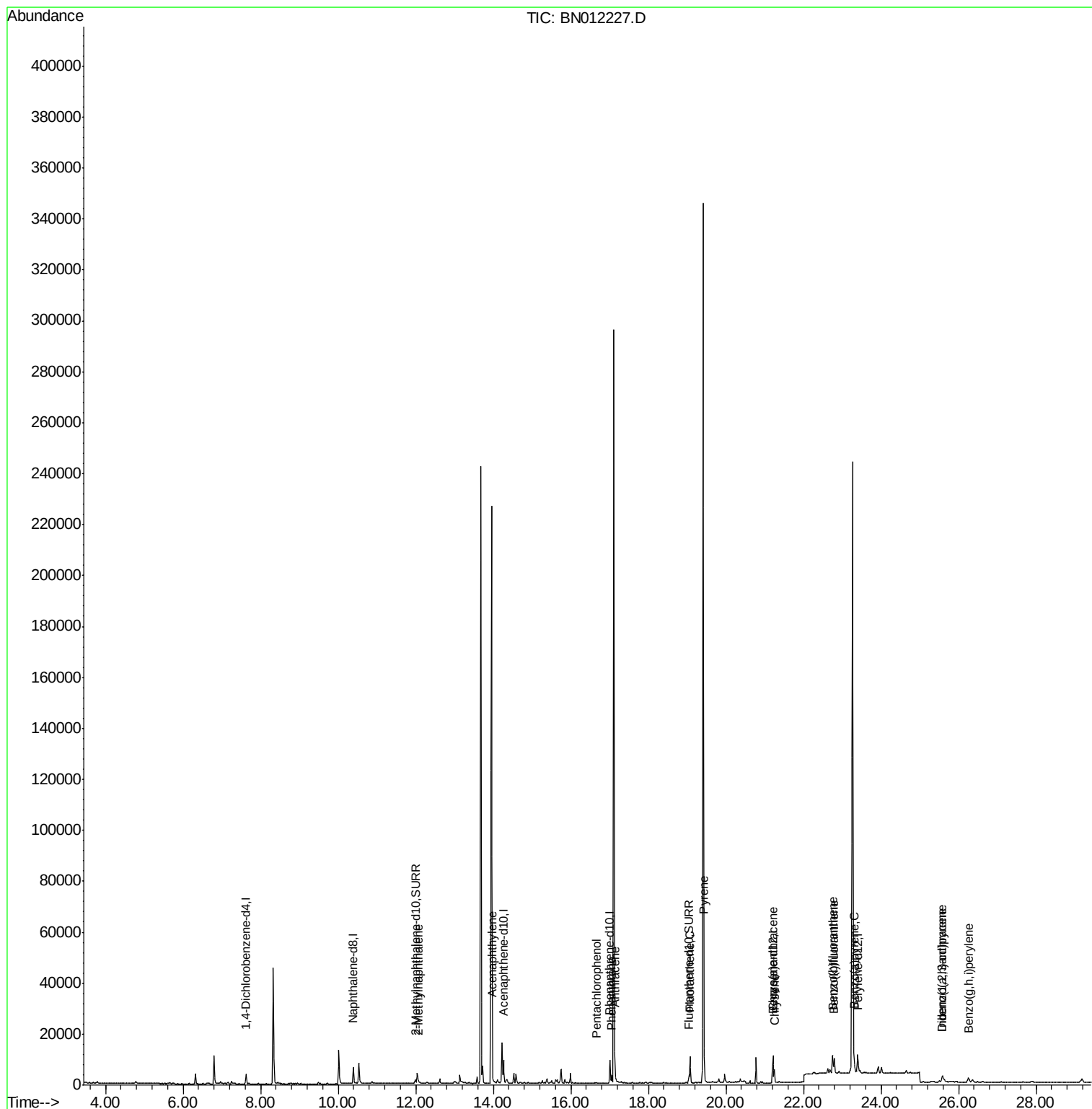
Data File : BN012227.D
Acq On : 15 Oct 2020 12:36
Operator : CG/JU
Sample : L4201-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

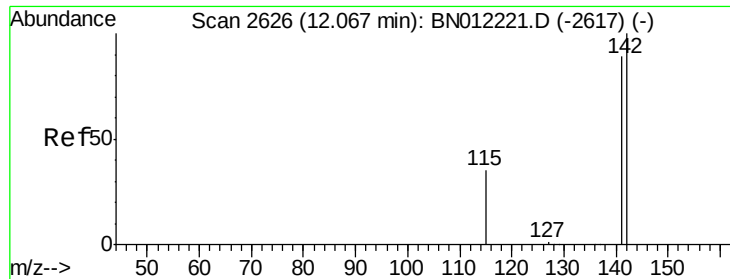
Instrument :
BNA_N
ClientSampleId :
C0AK9

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:12 PM

Quant Time: Oct 15 13:53:55 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 10:47:40 2020
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.00 min

Lab File: BN012227.D

Acq: 15 Oct 2020 12:36

Instrument :

BNA_N

ClientSampleId :

C0AK9

Tgt Ion:142 Resp: 302

Ion Ratio Lower Upper

142 100

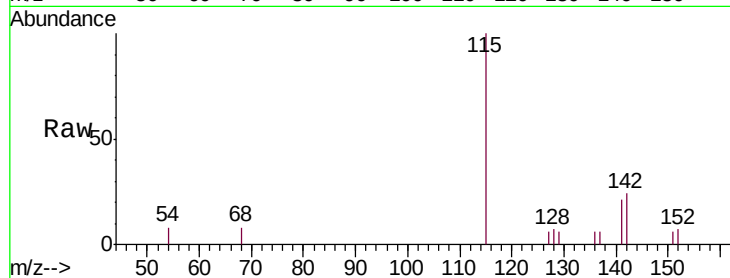
141 89.4 71.7 107.5

Manual Integrations

APPROVED

mohammad

10/19/2020 1:19:12 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.07

250

200

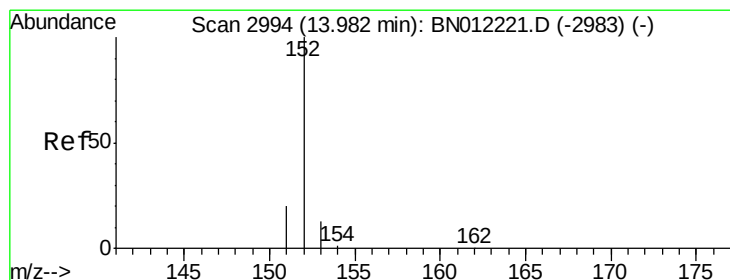
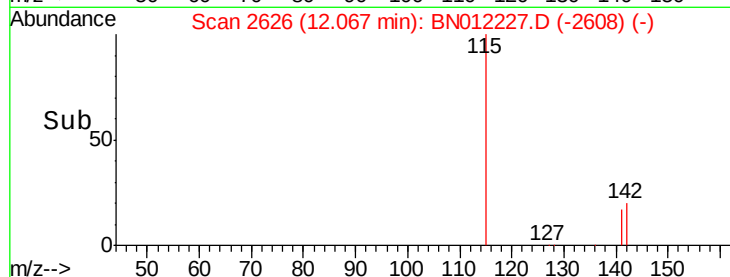
150

100

50

0

Time-->



#7

Acenaphthylene

Concen: 0.020 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012227.D

Acq: 15 Oct 2020 12:36

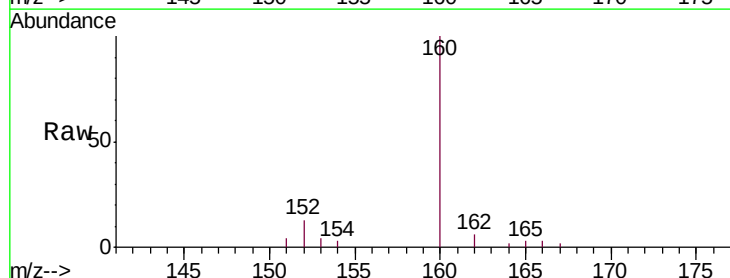
Tgt Ion:152 Resp: 434

Ion Ratio Lower Upper

152 100

151 33.4 16.7 25.1#

153 29.3 11.8 17.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.98

400

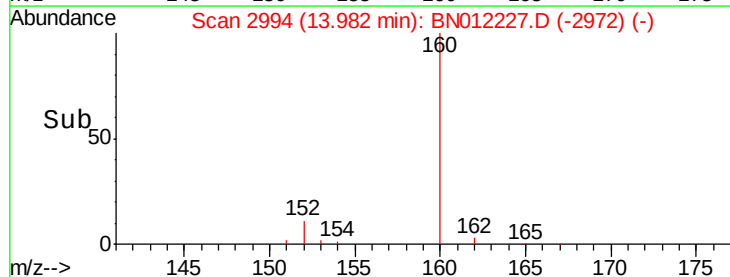
300

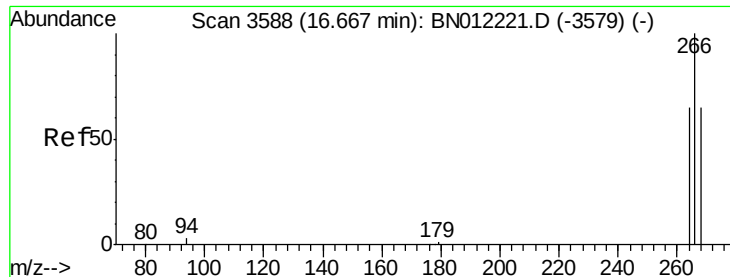
200

100

0

Time-->





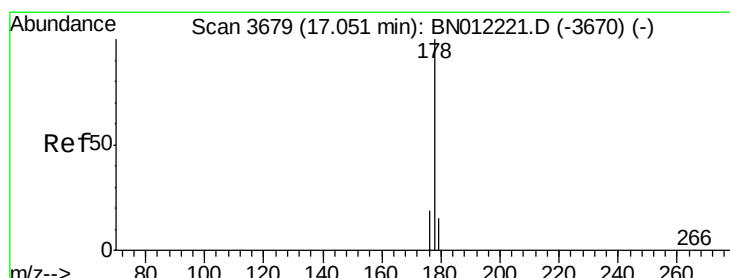
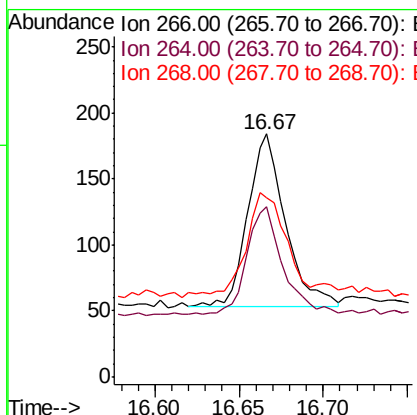
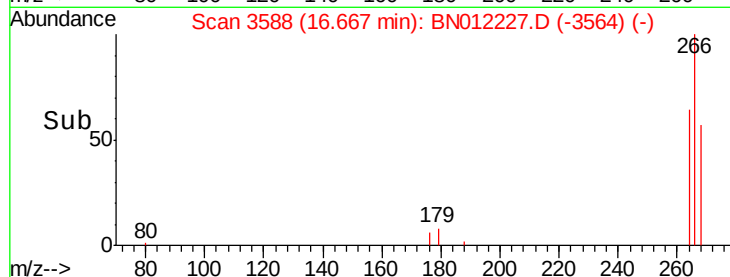
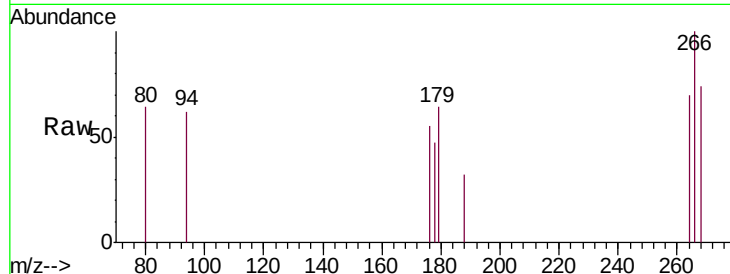
#11
 Pentachlorophenol
 Concen: 0.068 ng/ul
 RT: 16.67 min Scan# 3588
 Delta R.T. -0.00 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Tgt Ion:	266	Resp:	205
Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.3	75.5
268	75.6	52.4	78.6

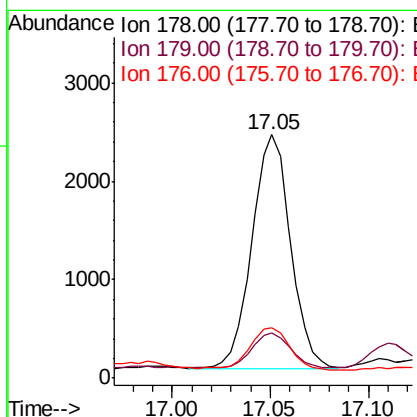
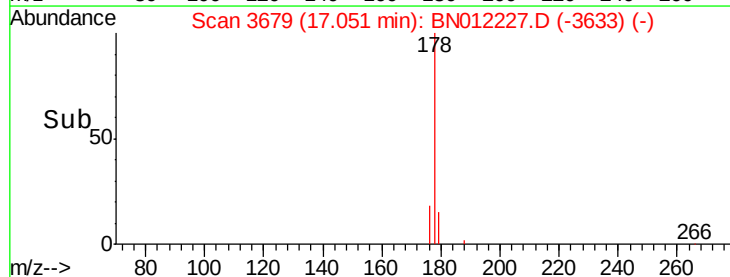
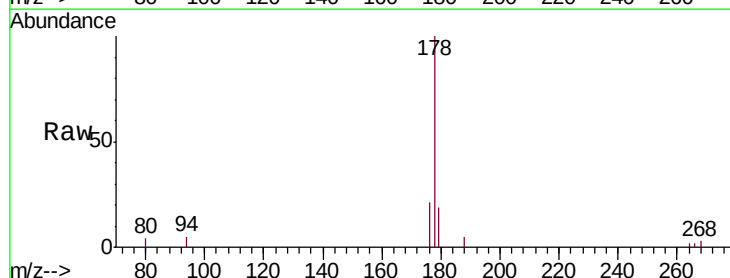
Manual Integrations
 APPROVED

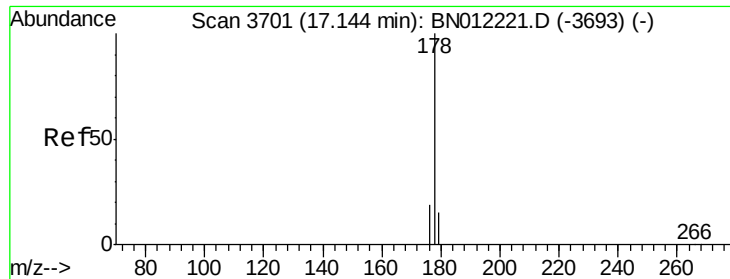
mohammad
 10/19/2020 1:19:12 PM



#12
 Phenanthrene
 Concen: 0.098 ng/ul
 RT: 17.05 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Tgt Ion:	178	Resp:	3267
Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.4	20.2
176	20.7	15.7	23.5





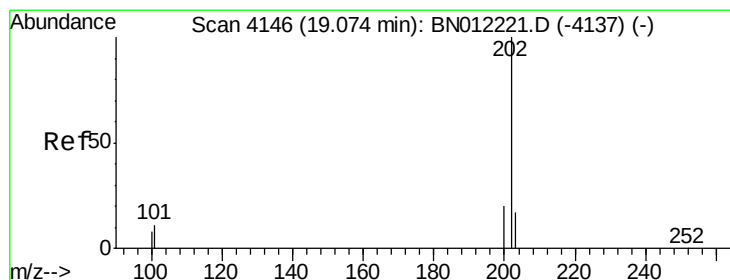
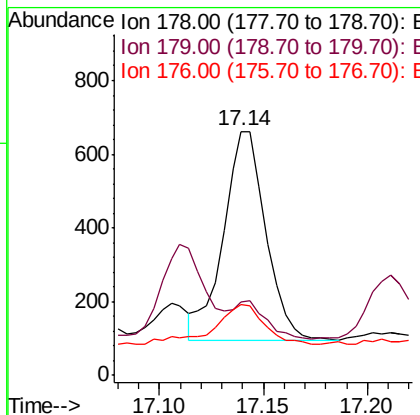
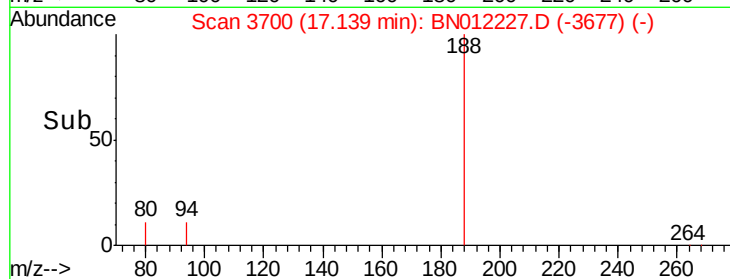
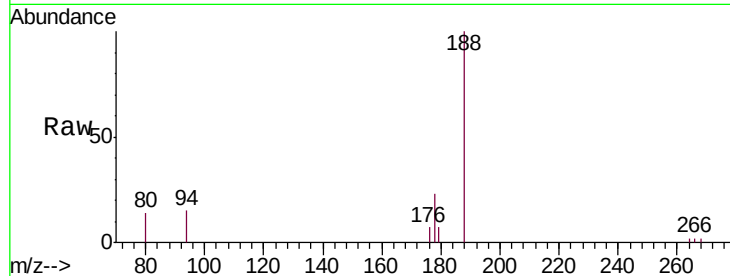
#13
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	30.0	13.9	20.9#
176	28.9	15.4	23.0#

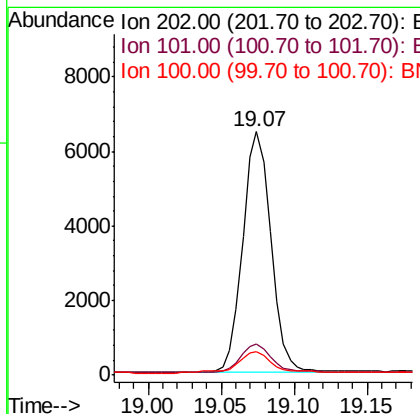
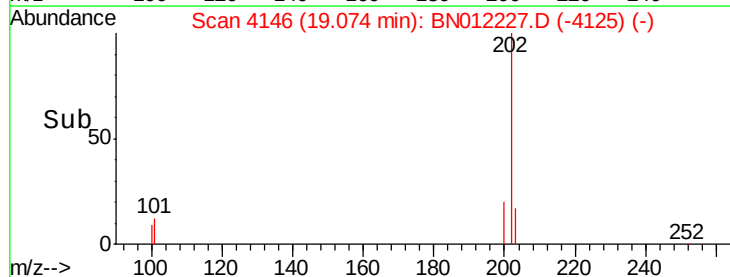
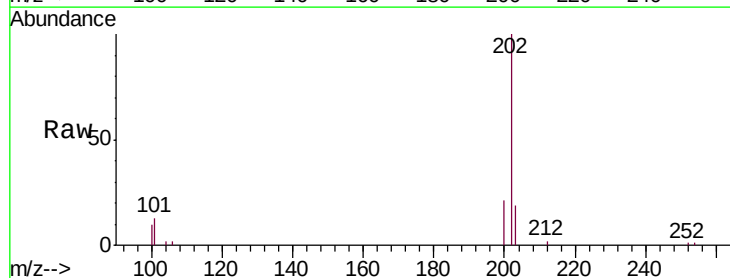
Manual Integrations
 APPROVED

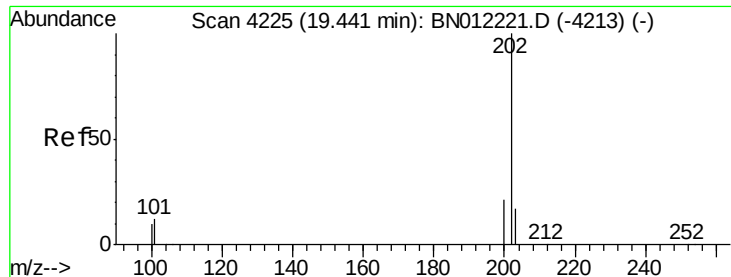
mohammad
 10/19/2020 1:19:12 PM



#15
 Fluoranthene
 Concen: 0.224 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.0
100	9.6	0.0	28.7





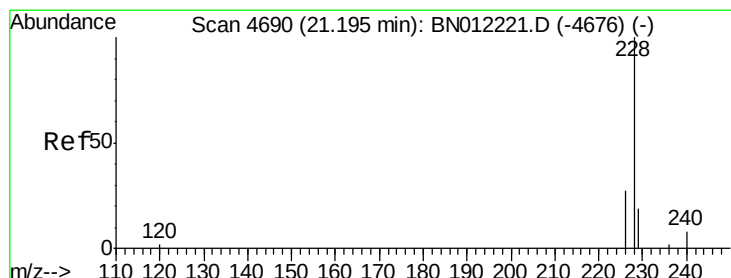
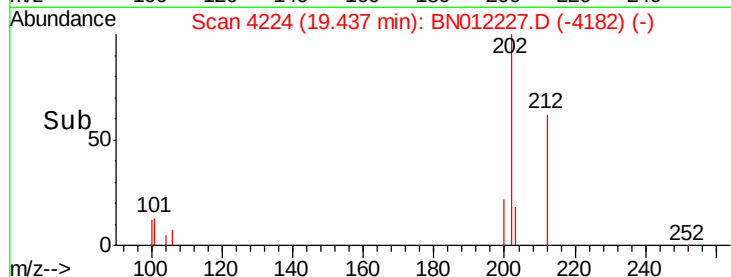
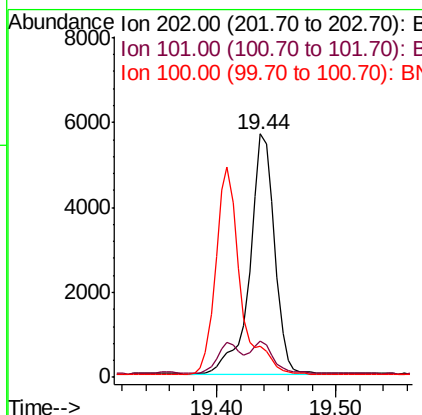
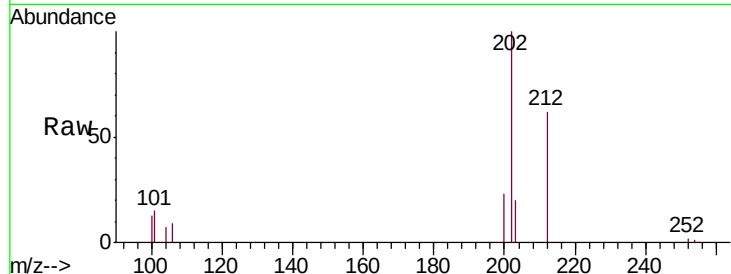
#17
Pyrene
 Concen: 0.209 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		8116
101	14.8	9.9	14.9
100	12.9	8.0	12.0

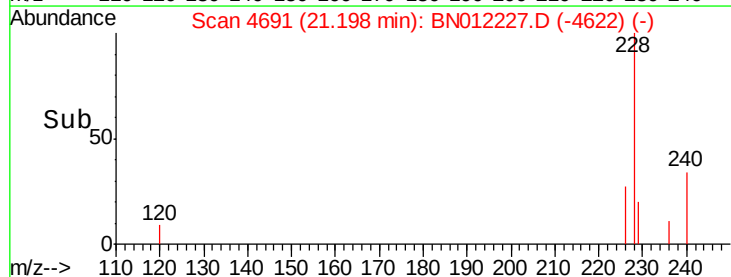
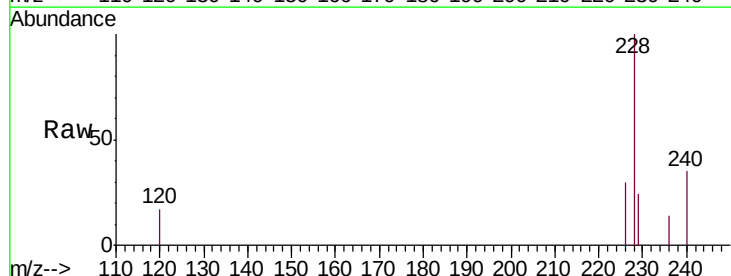
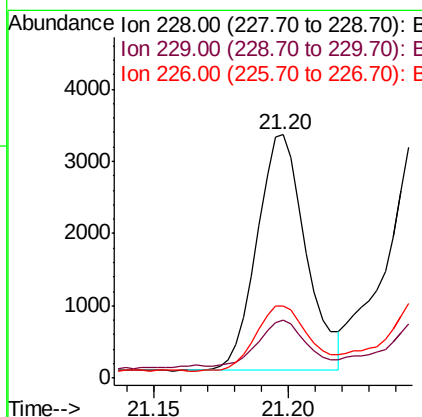
Manual Integrations
 APPROVED

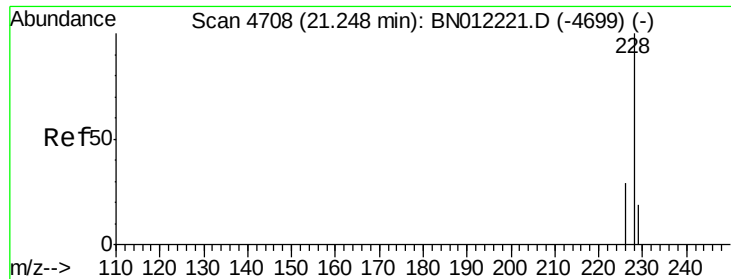
mohammad
 10/19/2020 1:19:12 PM



#18
Benzo(a)anthracene
 Concen: 0.130 ng/ul
 RT: 21.20 min Scan# 4691
 Delta R.T. 0.00 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		4140
229	23.7	15.8	23.8
226	29.7	22.6	33.8





#19

Chrysene

Concen: 0.130 ng/ul

RT: 21.25 min Scan# 4709

Delta R.T. 0.00 min

Lab File: BN012227.D

Acq: 15 Oct 2020 12:36

Instrument :

BNA_N

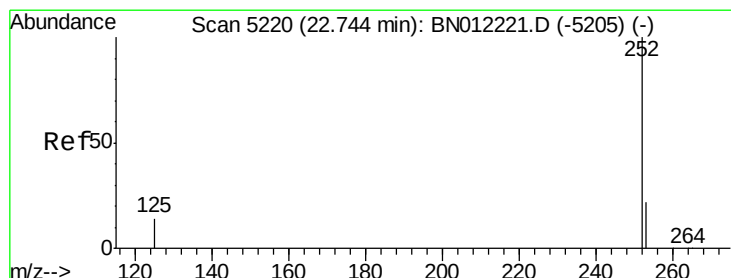
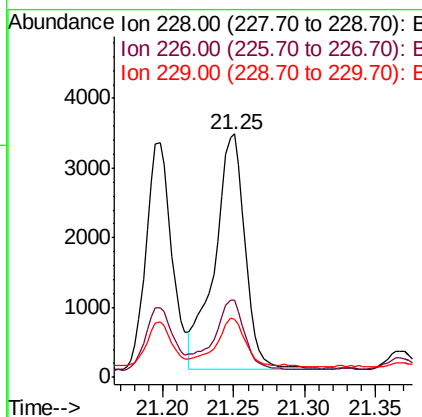
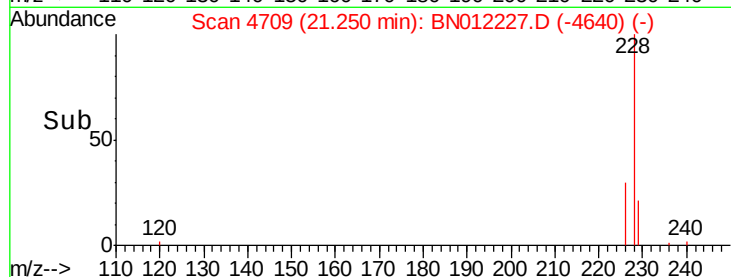
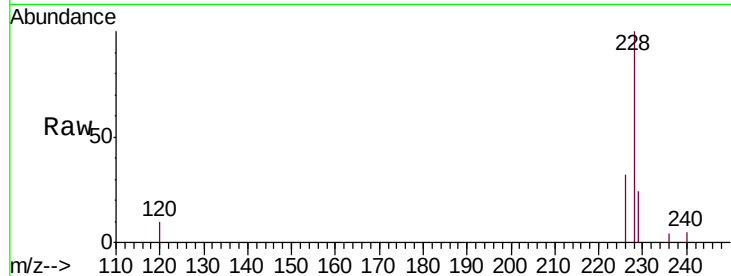
ClientSampleId :

C0AK9

Tgt Ion:	228	Resp:	5055
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.6	37.0
229	23.8	17.0	25.6

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:12 PM



#21

Benzo(b)fluoranthene

Concen: 0.196 ng/ul m

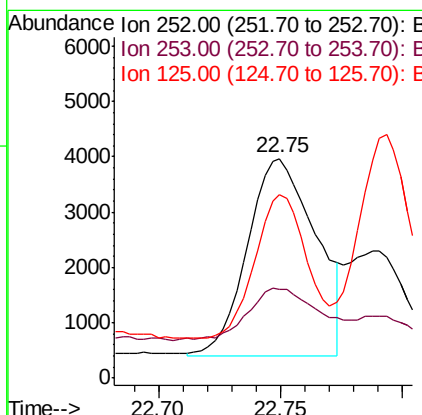
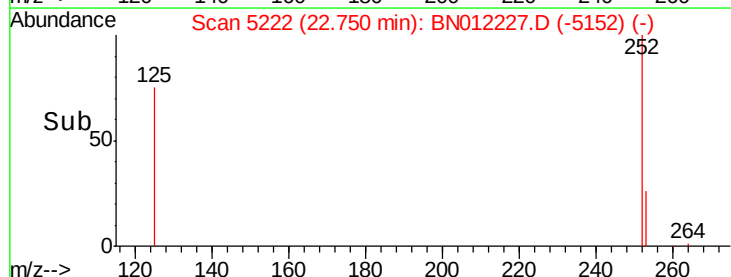
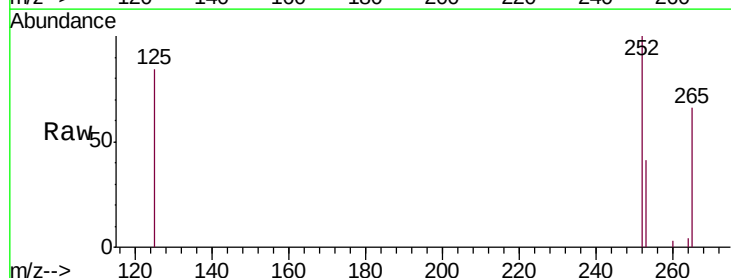
RT: 22.75 min Scan# 5222

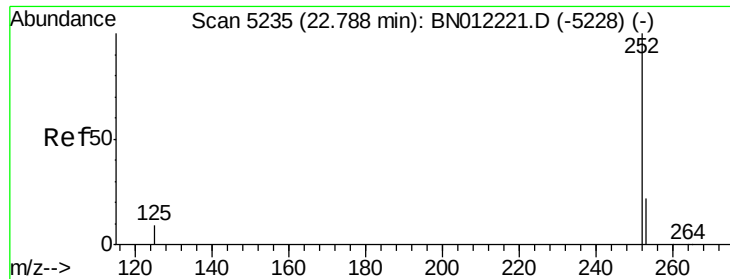
Delta R.T. 0.01 min

Lab File: BN012227.D

Acq: 15 Oct 2020 12:36

Tgt Ion:	252	Resp:	6946
Ion Ratio	Lower	Upper	
252	100		
253	40.6	0.0	61.6
125	83.5	0.0	36.8#





#22

Benzo(k)fluoranthene

Concen: 0.083 ng/ul m

RT: 22.79 min Scan# 5236

Delta R.T. 0.00 min

Lab File: BN012227.D

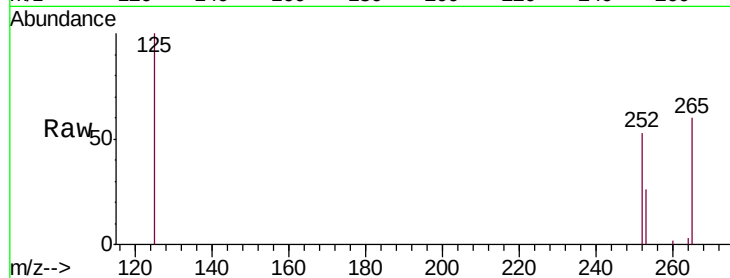
Acq: 15 Oct 2020 12:36

Instrument :

BNA_N

ClientSampled :

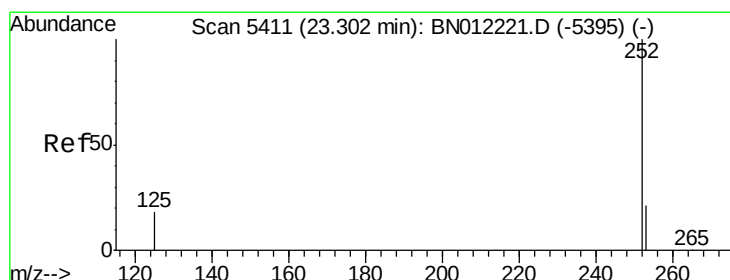
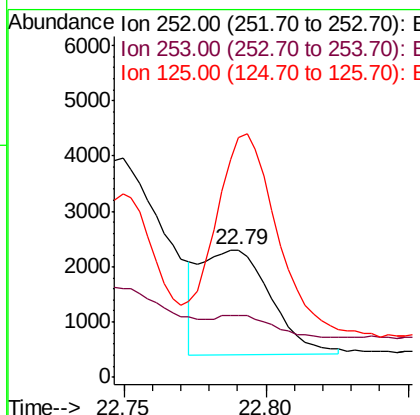
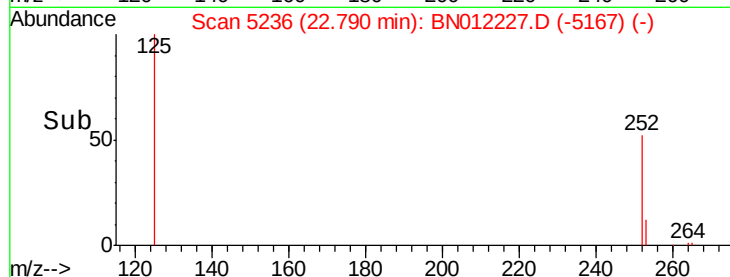
C0AK9



Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.9	24.4	36.6#
125	187.6	12.9	19.3#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:12 PM



#23

Benzo(a)pyrene

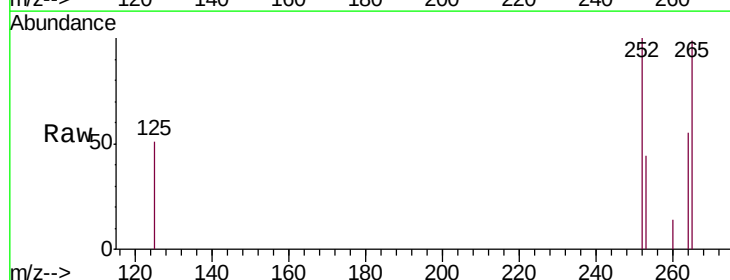
Concen: 0.124 ng/ul

RT: 23.31 min Scan# 5412

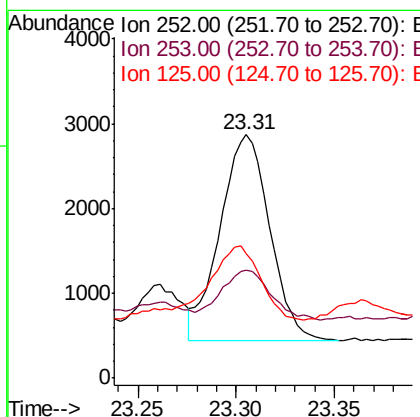
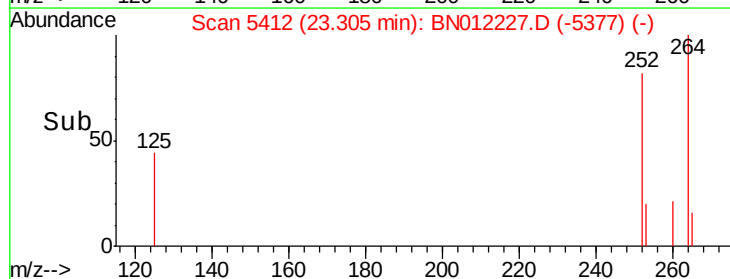
Delta R.T. 0.00 min

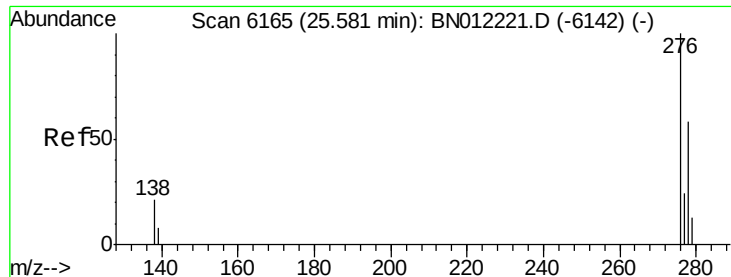
Lab File: BN012227.D

Acq: 15 Oct 2020 12:36



Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.2	27.0	40.4#
125	51.1	18.8	28.2#





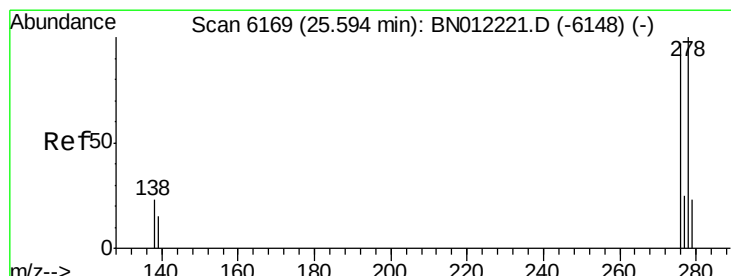
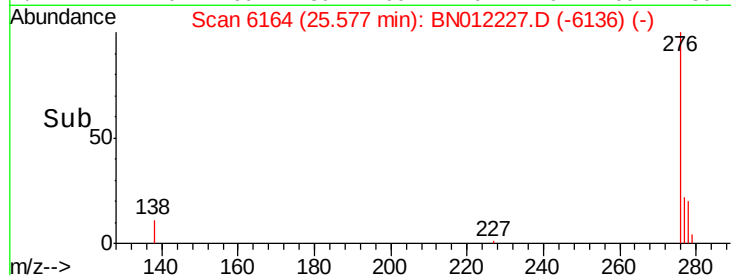
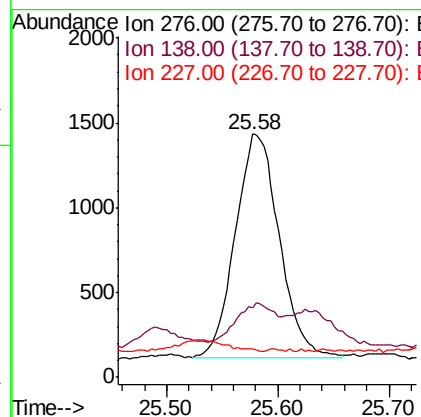
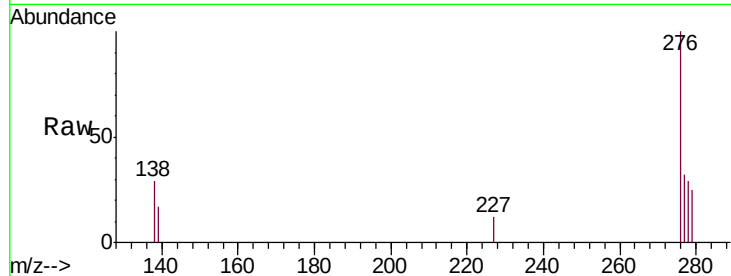
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.081 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.01 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	35.7	0.0	0.0#
227	0.3	0.0	0.0#

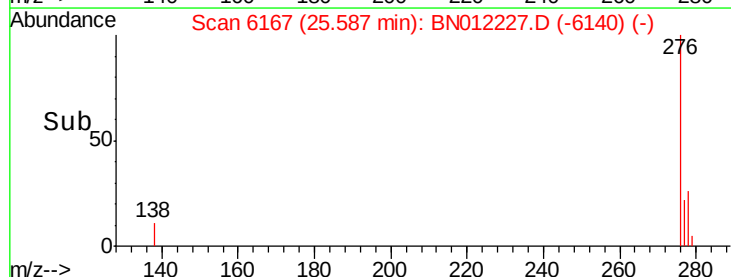
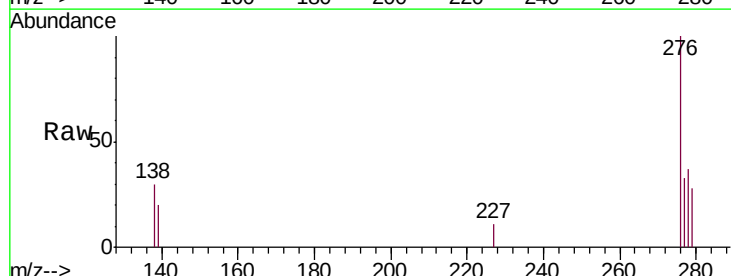
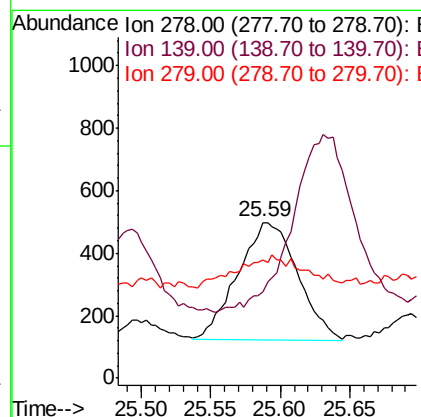
Manual Integrations
 APPROVED

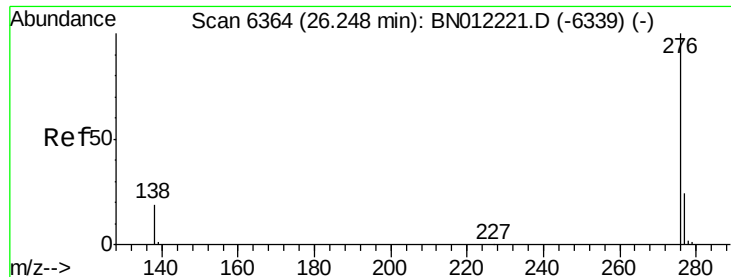
mohammad
 10/19/2020 1:19:12 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.032 ng/ul
 RT: 25.59 min Scan# 6167
 Delta R.T. -0.01 min
 Lab File: BN012227.D
 Acq: 15 Oct 2020 12:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	55.2	15.7	23.5#
279	76.1	26.0	39.0#





#26

Benzo(g,h,i)perylene

Concen: 0.084 ng/ul

RT: 26.25 min Scan# 6365

Delta R.T. 0.00 min

Lab File: BN012227.D

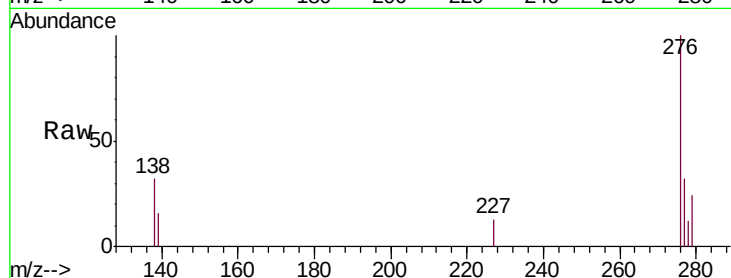
Acq: 15 Oct 2020 12:36

Instrument :

BNA_N

ClientSampleId :

C0AK9



Tgt	Ion	276	Resp:	3422
	Ratio	100	Lower	Upper
	276	100		
	138	32.0	17.1	25.7#
	277	31.9	21.1	31.7#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:19:12 PM

