

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012923.D
 Acq On : 06 Dec 2020 18:29
 Operator : CG/JU
 Sample : L4859-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B29

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:11:52 PM

Quant Time: Dec 07 03:36:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2045	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	8472	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4653	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9766	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	7488	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6517	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1733	0.14	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	4063	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	620	0.025	ng/ul#	85
5) 2-Methylnaphthalene	11.84	142	383	0.024	ng/ul	99
7) Acenaphthylene	13.77	152	1594	0.072	ng/ul	97
12) Phenanthrene	16.85	178	6070	0.185	ng/ul	99
13) Anthracene	16.95	178	1814	0.065	ng/ul	97
15) Fluoranthene	18.89	202	24456	0.629	ng/ul	99
17) Pyrene	19.26	202	23457	0.663	ng/ul	100
18) Benzo(a)anthracene	21.02	228	12934	0.417	ng/ul	99
19) Chrysene	21.07	228	15428	0.451	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	22273m	0.739	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	7578m	0.227	ng/ul	
23) Benzo(a)pyrene	23.05	252	13648m	0.488	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.20	276	9140	0.249	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.21	278	2987	0.103	ng/ul#	76
26) Benzo(g,h,i)perylene	25.83	276	9141	0.275	ng/ul	96

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

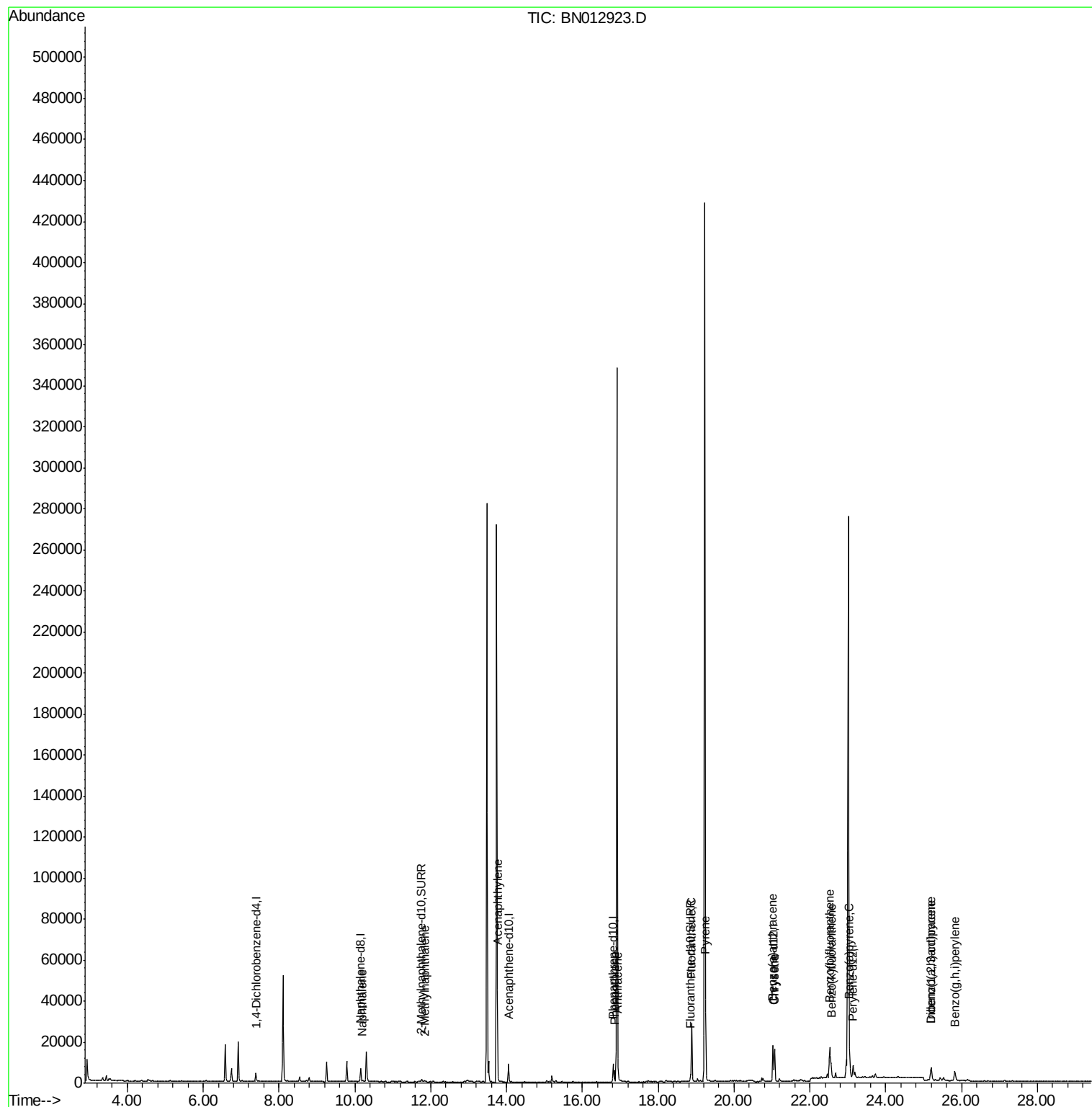
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012923.D
Acq On : 06 Dec 2020 18:29
Operator : CG/JU
Sample : L4859-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

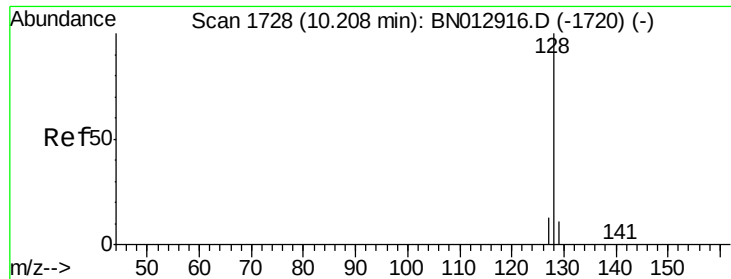
Instrument :
BNA_N
ClientSampleId :
C0B29

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM

Quant Time: Dec 07 03:36:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Instrument :

BNA_N

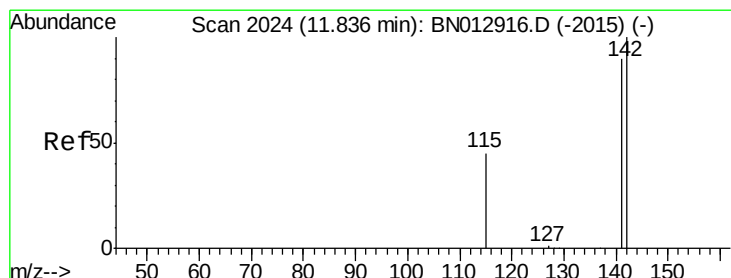
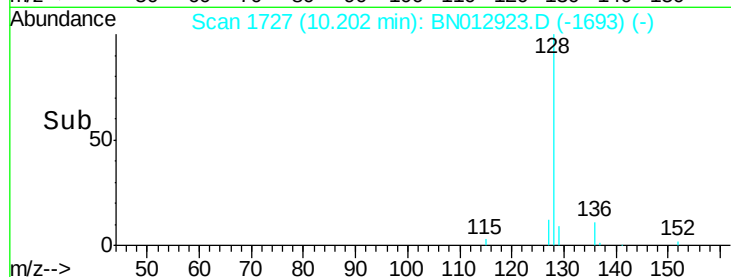
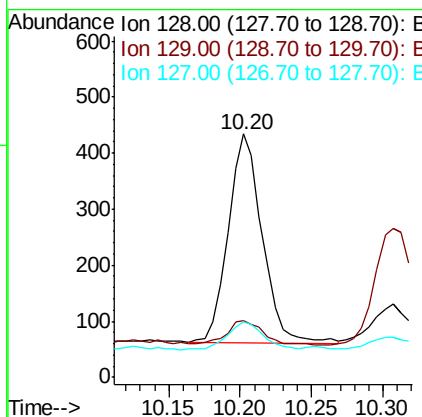
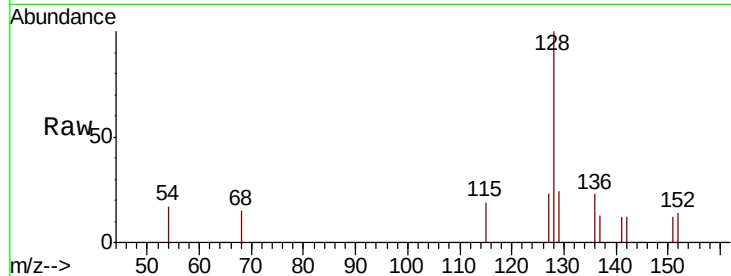
ClientSampleId :

C0B29

Tot Ion:	128	Resp:	620
Ion Ratio	Lower	Upper	
128	100		
129	23.5	12.3	18.5#
127	22.6	14.2	21.4#

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM



#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

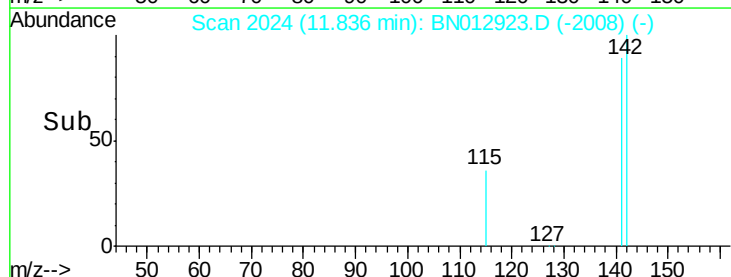
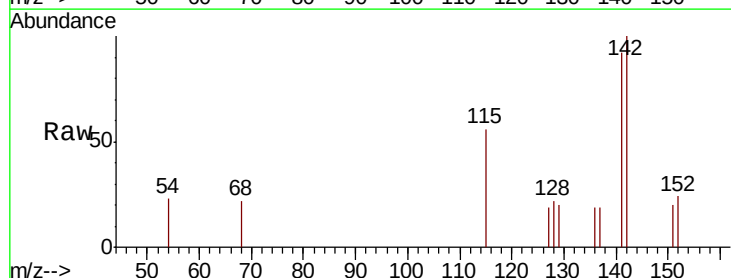
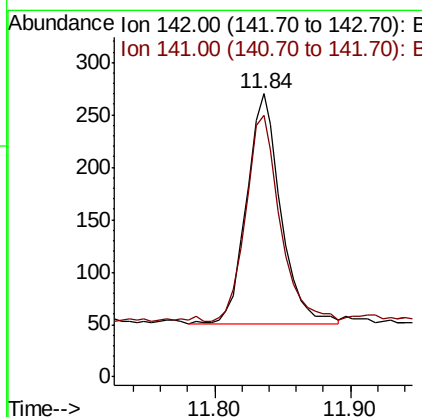
RT: 11.84 min Scan# 2024

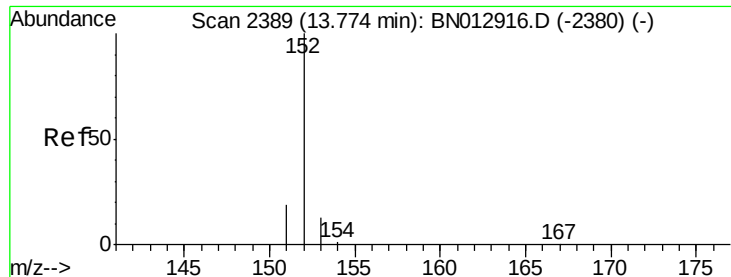
Delta R.T. -0.01 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Tgt Ion:	142	Resp:	383
Ion Ratio	Lower	Upper	
142	100		
141	90.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Instrument :

BNA_N

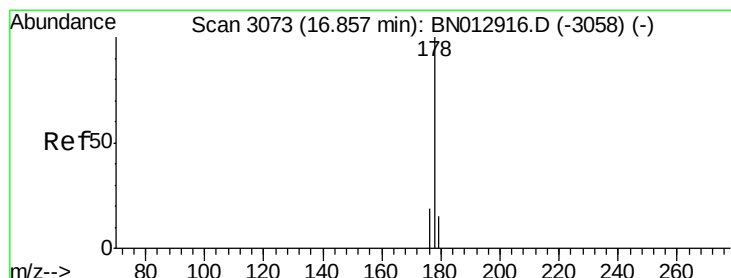
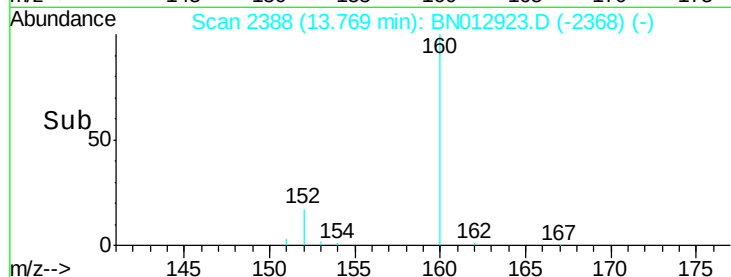
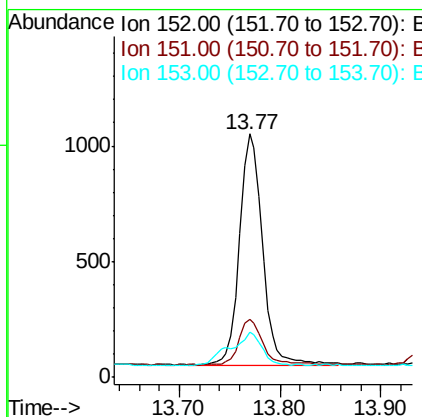
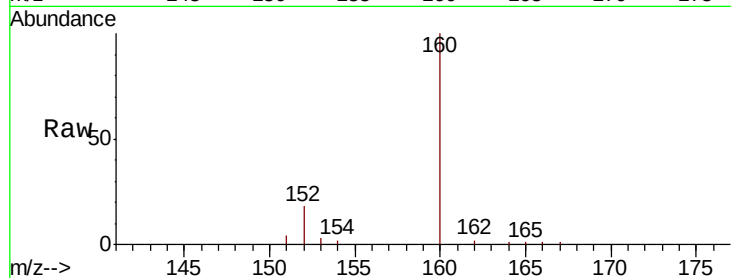
ClientSampled :

C0B29

Tot Ion:	152	Resp:	1594
Ion Ratio	Lower	Upper	
152	100		
151	23.9	18.2	27.4
153	18.4	13.1	19.7

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM



#12

Phenanthrene

Concen: 0.185 ng/ul

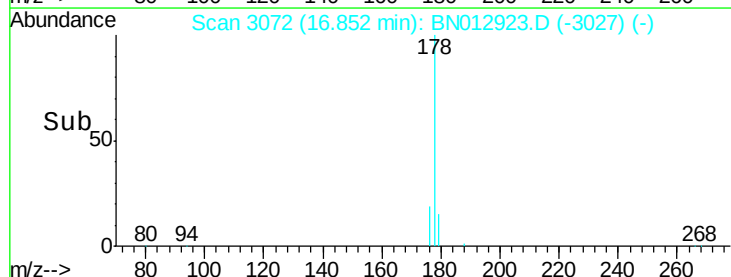
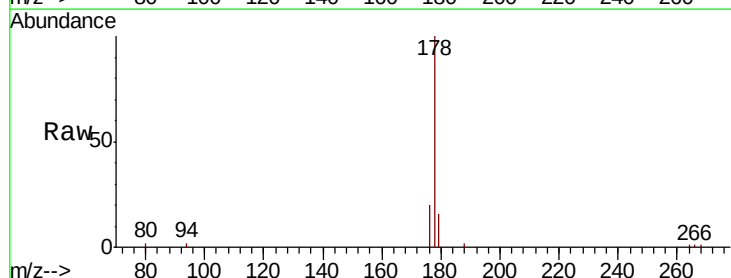
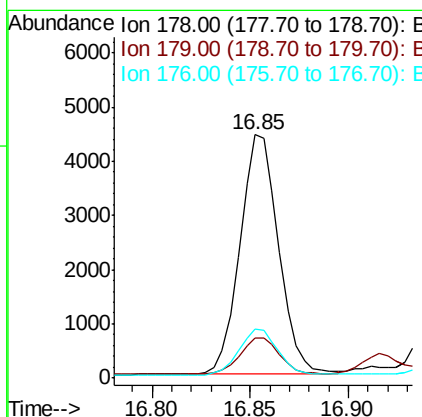
RT: 16.85 min Scan# 3072

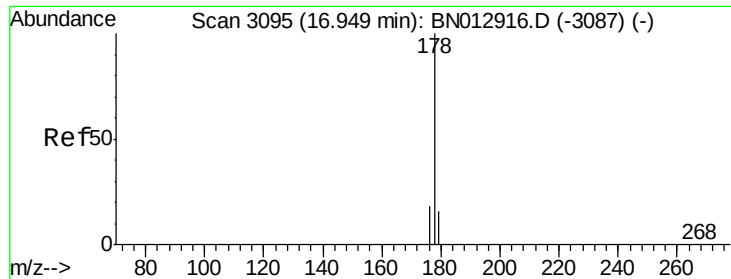
Delta R.T. -0.01 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Tgt Ion:	178	Resp:	6070
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.6	20.4
176	20.0	16.4	24.6





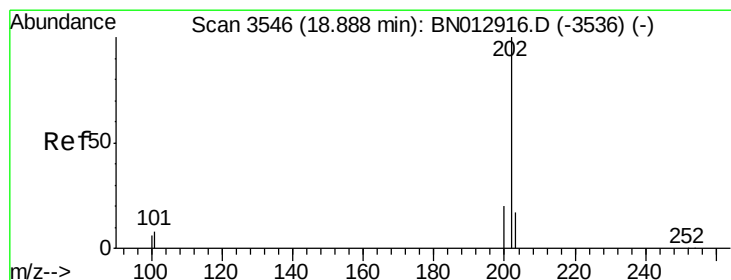
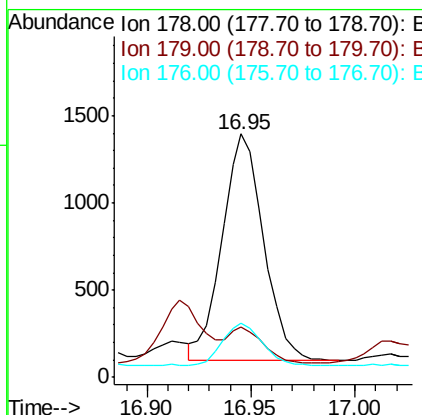
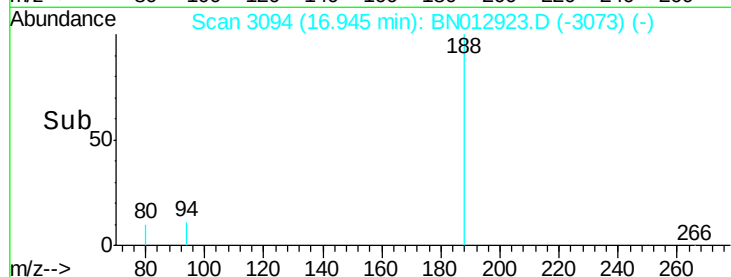
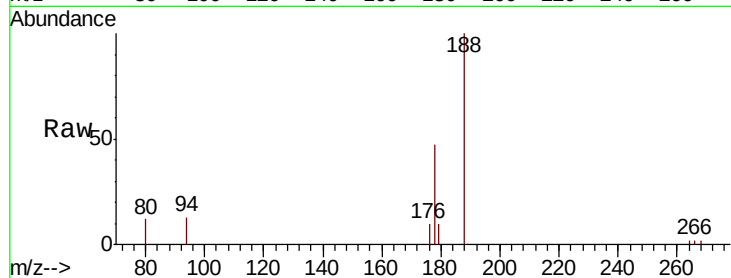
#13
 Anthracene
 Concen: 0.065 ng/ul
 RT: 16.95 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN012923.D
 Acq: 06 Dec 2020 18:29

Instrument :
 BNA_N
 ClientSampleId :
 C0B29

Tot Ion:	178	Resp:	1814
Ion Ratio	Lower	Upper	
178	100		
179	20.6	14.6	21.8
176	22.1	17.1	25.7

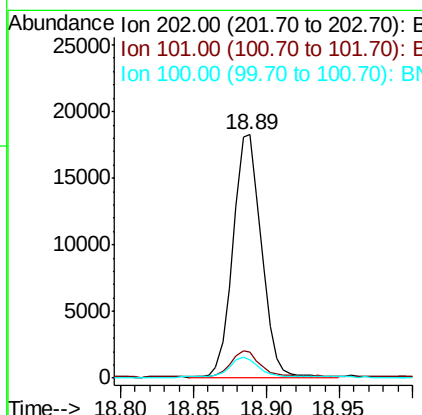
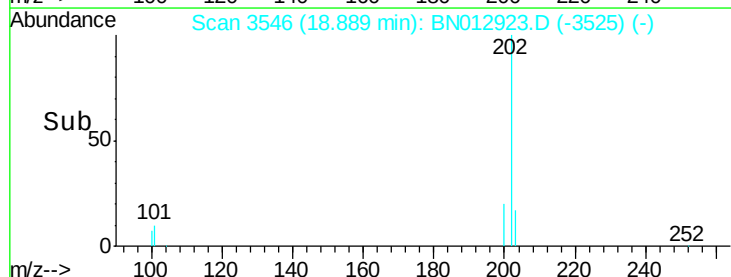
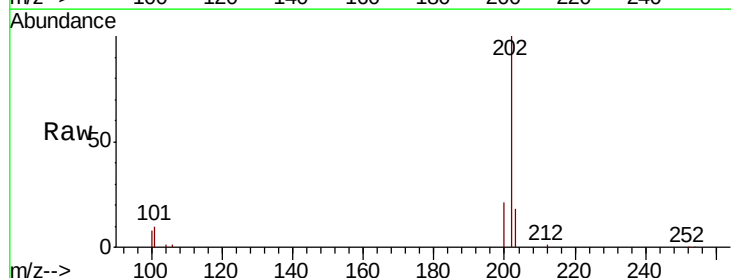
Manual Integrations
 APPROVED

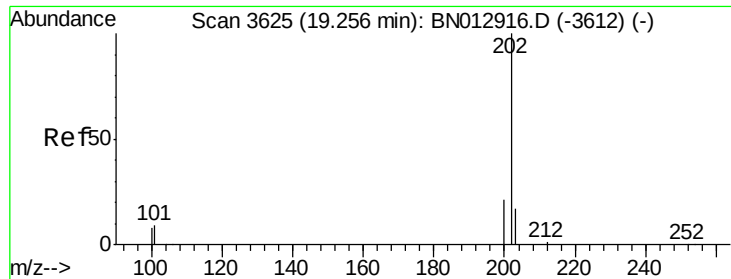
mohammad
 12/7/2020 2:11:52 PM



#15
 Fluoranthene
 Concen: 0.629 ng/ul
 RT: 18.89 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: BN012923.D
 Acq: 06 Dec 2020 18:29

Tgt Ion:	202	Resp:	24456
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.6
100	7.7	0.0	28.7





#17

Pvrene

Concen: 0.663 ng/ul

RT: 19.26 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Instrument :

BNA_N

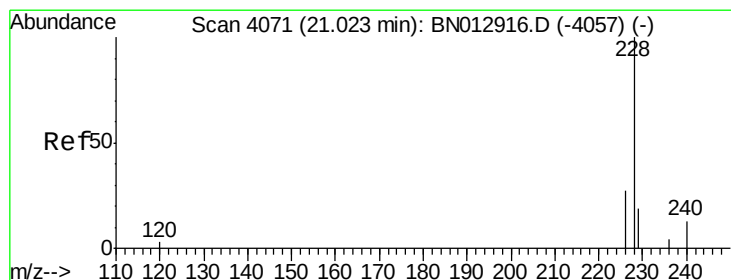
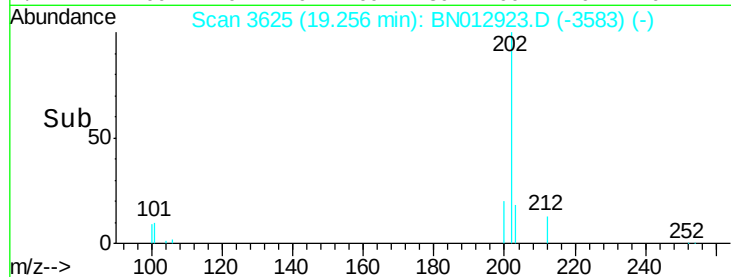
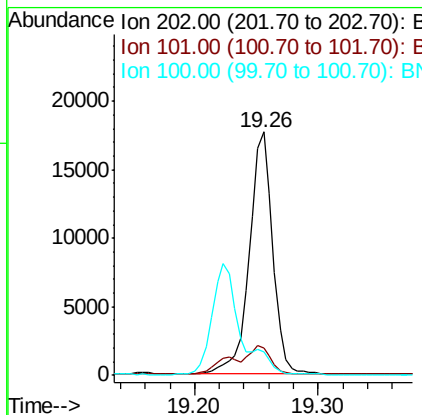
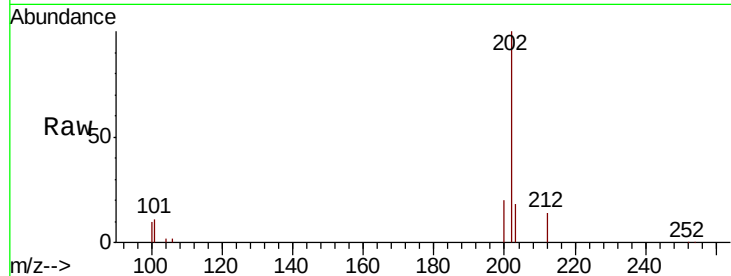
ClientSampleId :

C0B29

Tot Ion:	202	Resp:	23457
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.1	13.7
100	9.5	7.5	11.3

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM



#18

Benzo(a)anthracene

Concen: 0.417 ng/ul

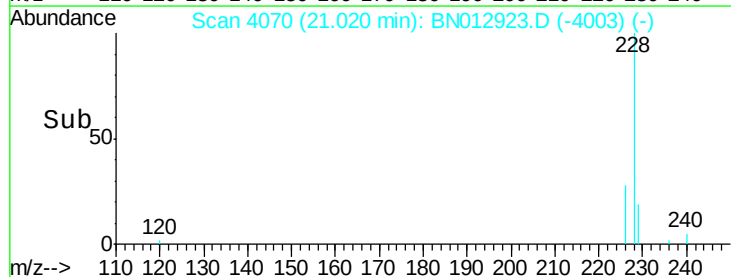
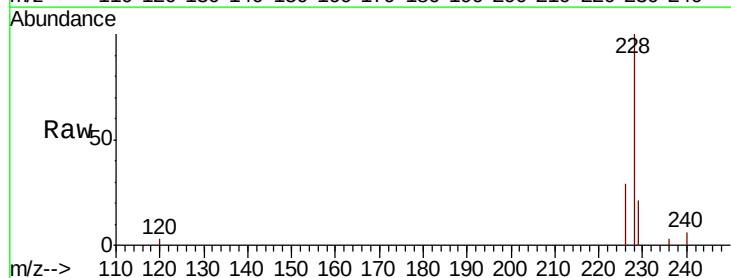
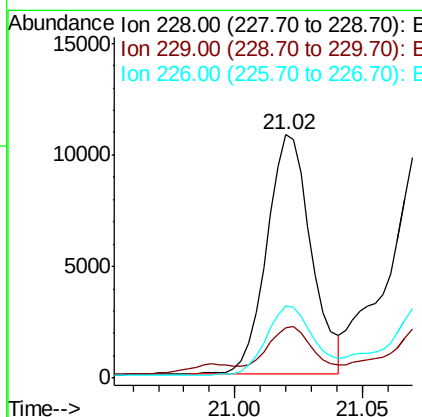
RT: 21.02 min Scan# 4070

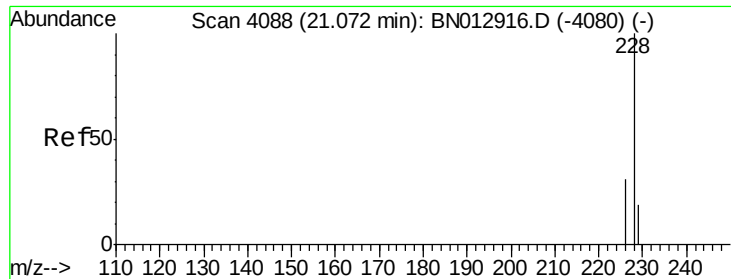
Delta R.T. -0.00 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Tgt Ion:	228	Resp:	12934
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.3	24.5
226	29.5	23.4	35.2





#19

Chrysene

Concen: 0.451 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Instrument :

BNA_N

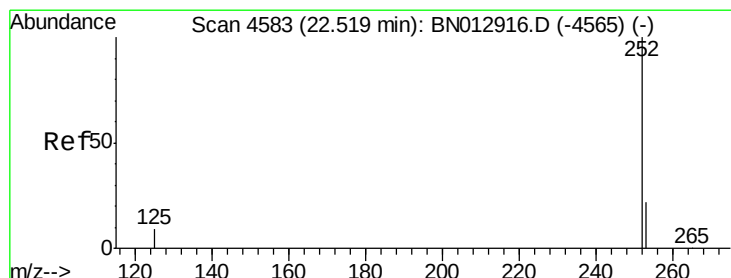
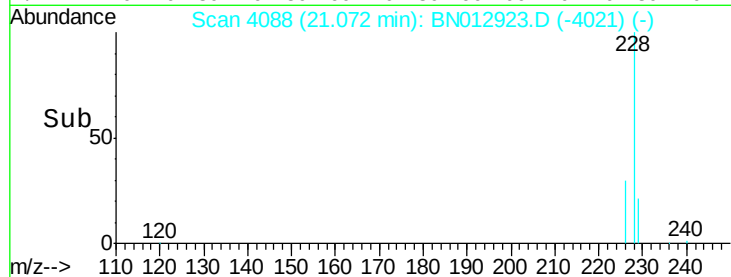
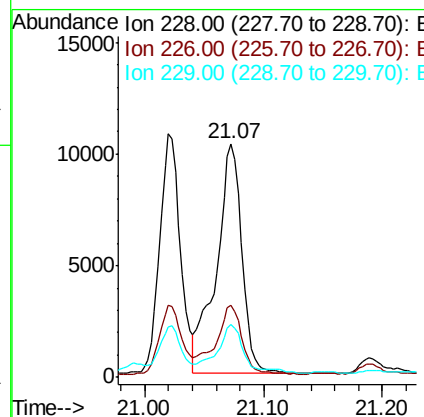
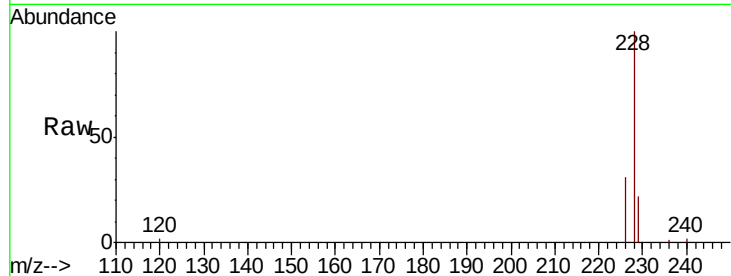
ClientSampled :

C0B29

Tot Ion:	228	Resp:	15428
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	22.4	16.4	24.6

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM



#21

Benzo(b)fluoranthene

Concen: 0.739 ng/ul m

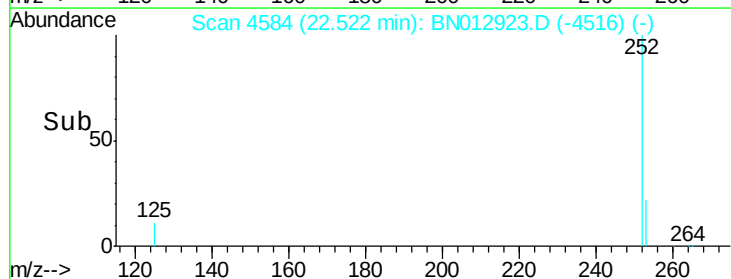
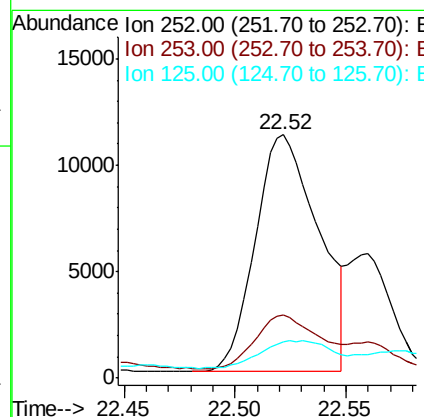
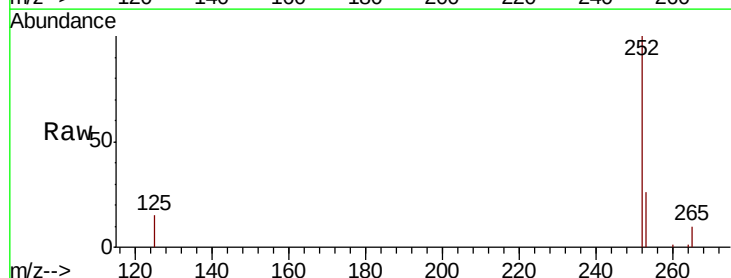
RT: 22.52 min Scan# 4584

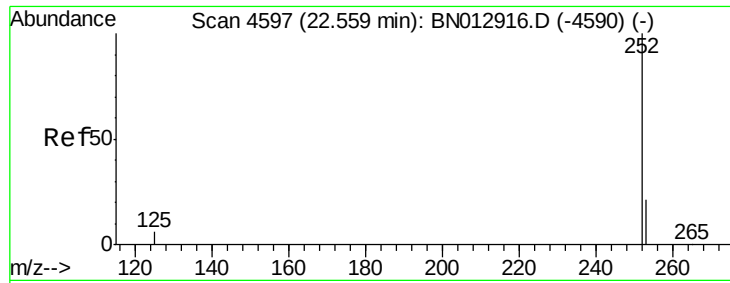
Delta R.T. -0.00 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Tgt Ion:	252	Resp:	22273
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	59.6
125	14.9	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.227 ng/ul m

RT: 22.56 min Scan# 4597

Delta R.T. -0.00 min

Lab File: BN012923.D

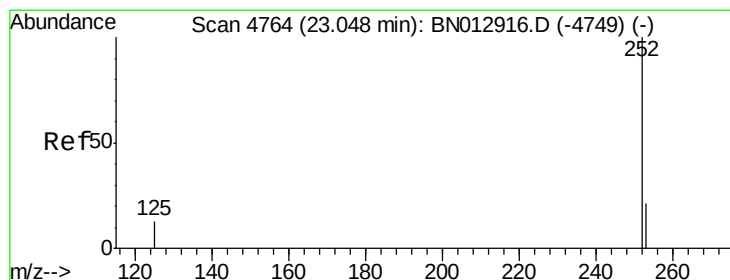
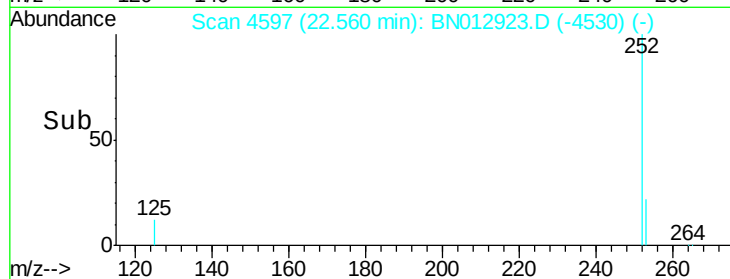
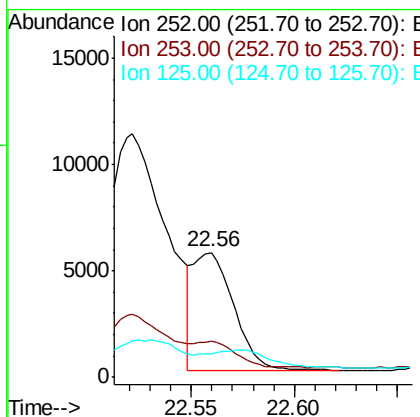
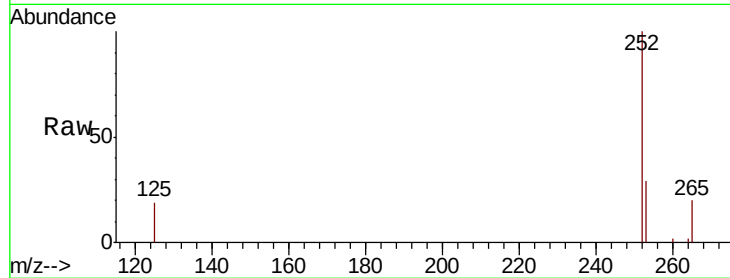
Acq: 06 Dec 2020 18:29

Instrument :
BNA_N
ClientSampleId :
C0B29

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.4	35.2
125	18.7	11.1	16.7

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM



#23

Benzo(a)pyrene

Concen: 0.488 ng/ul m

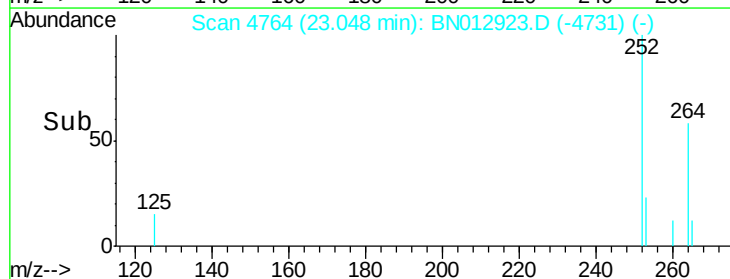
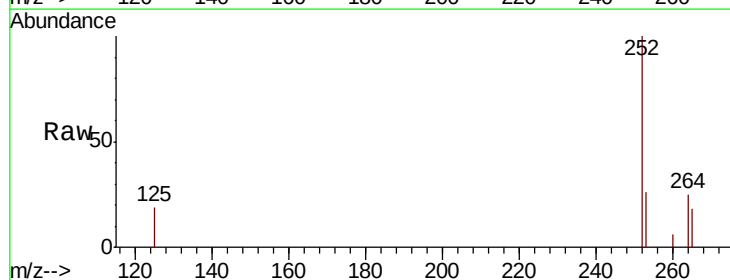
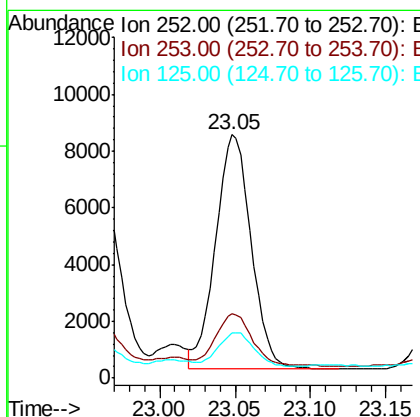
RT: 23.05 min Scan# 4764

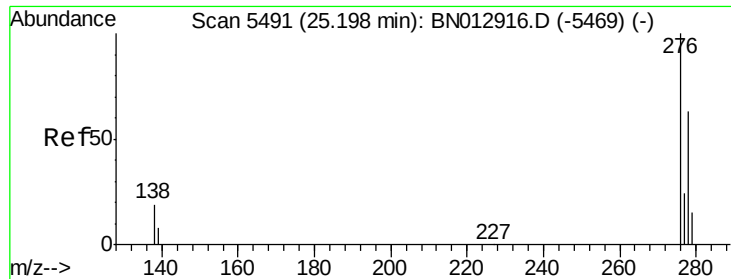
Delta R.T. -0.00 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	26.5	39.7
125	18.6	14.2	21.2





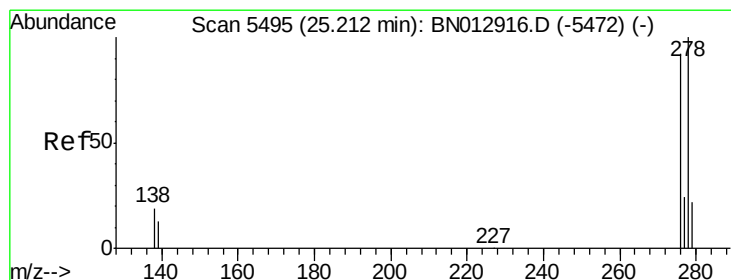
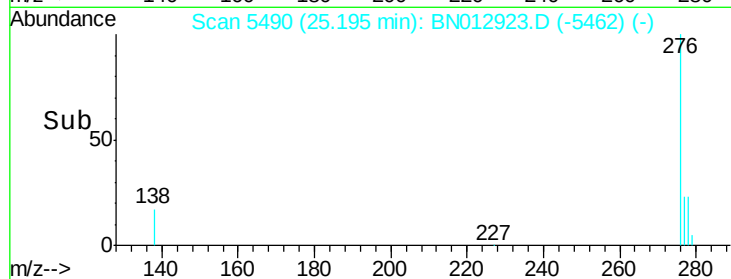
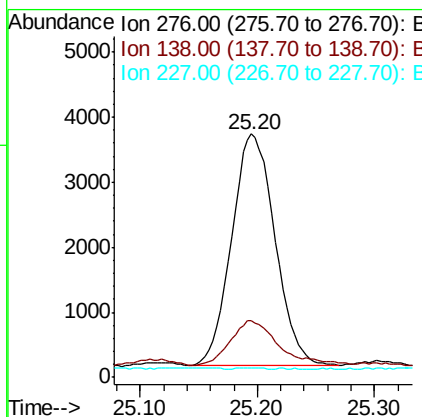
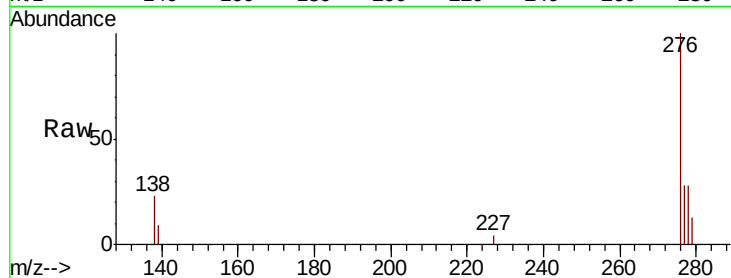
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.249 ng/ul
 RT: 25.20 min Scan# 5490
 Delta R.T. -0.01 min
 Lab File: BN012923.D
 Acq: 06 Dec 2020 18:29

Instrument :
 BNA_N
 ClientSampleId :
 C0B29

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	16.2	24.2
227	0.2	0.0	0.0

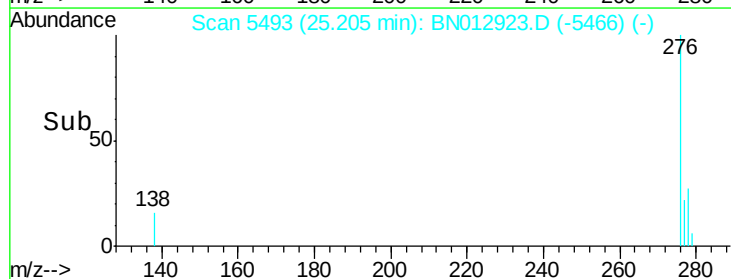
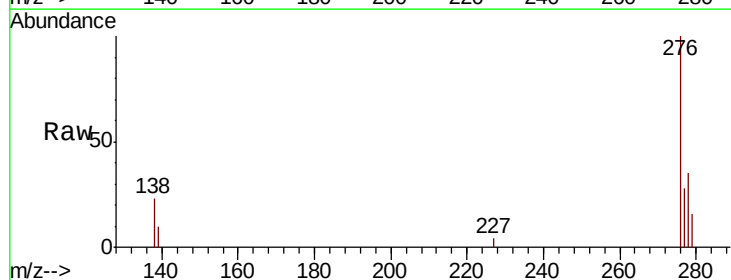
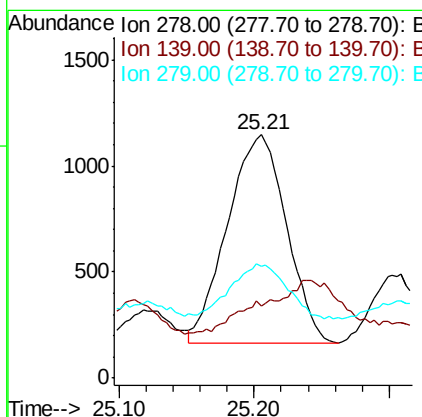
Manual Integrations
 APPROVED

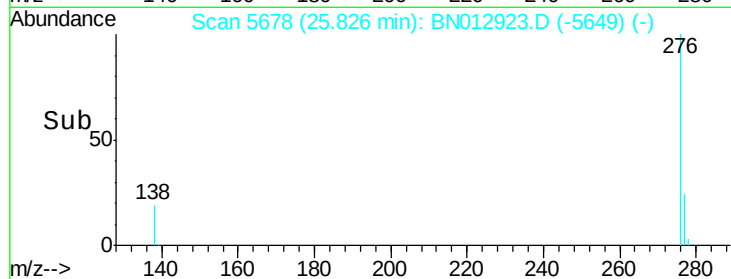
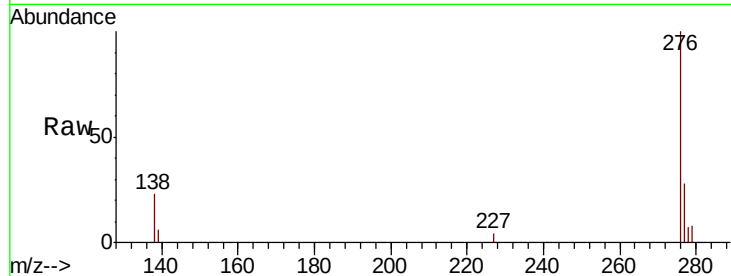
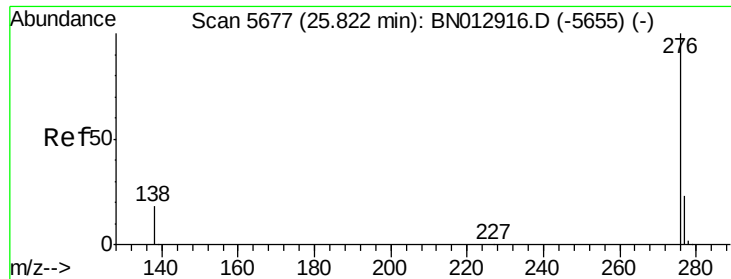
mohammad
 12/7/2020 2:11:52 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.103 ng/ul
 RT: 25.21 min Scan# 5493
 Delta R.T. -0.01 min
 Lab File: BN012923.D
 Acq: 06 Dec 2020 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	14.5	21.7
279	45.9	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 0.275 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012923.D

Acq: 06 Dec 2020 18:29

Instrument :

BNA_N

ClientSampleId :

C0B29

Tot Ion:	276	Resp:	9141
Ion Ratio	Lower	Upper	
276	100		
138	23.3	16.3	24.5
277	28.1	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/7/2020 2:11:52 PM

