

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012977.D
 Acq On : 08 Dec 2020 16:04
 Operator : CG/JU
 Sample : L4864-17DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ5DL

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:24:56 PM

Quant Time: Dec 08 17:02:12 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 : Tue Dec 08 14:22:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	996	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4036	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2219	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4485	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3547	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3291	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	294	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	685	0.06	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.85	178	4636	0.308	ng/ul	98
13) Anthracene	16.94	178	568	0.044	ng/ul#	80
15) Fluoranthene	18.88	202	15258	0.854	ng/ul	98
17) Pyrene	19.25	202	13279	0.793	ng/ul	97
18) Benzo(a)anthracene	21.02	228	5755	0.392	ng/ul	99
19) Chrysene	21.07	228	8965	0.553	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	11037m	0.725	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	4554m	0.271	ng/ul	
23) Benzo(a)pyrene	23.04	252	6377m	0.451	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	4898	0.264	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	1126	0.077	ng/ul#	59
26) Benzo(g,h,i)perylene	25.82	276	4619	0.275	ng/ul	97

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

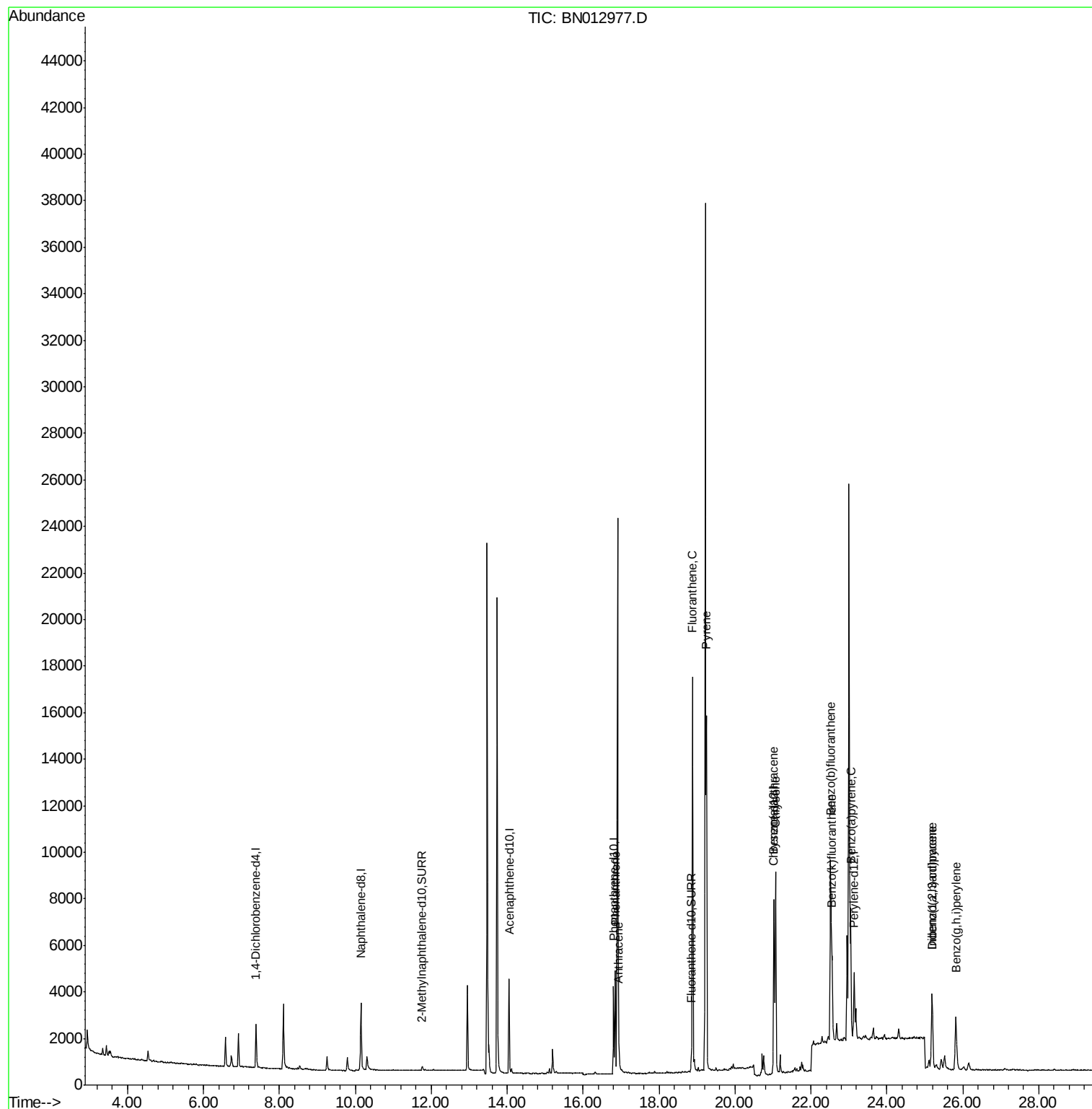
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012977.D
Acq On : 08 Dec 2020 16:04
Operator : CG/JU
Sample : L4864-17DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

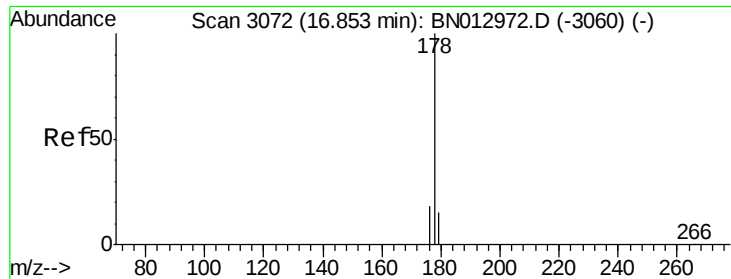
Instrument :
BNA_N
ClientSampleId :
C0AZ5DL

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:56 PM

Quant Time: Dec 08 17:02:12 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 : Tue Dec 08 14:22:19 2020
Response via : Initial Calibration





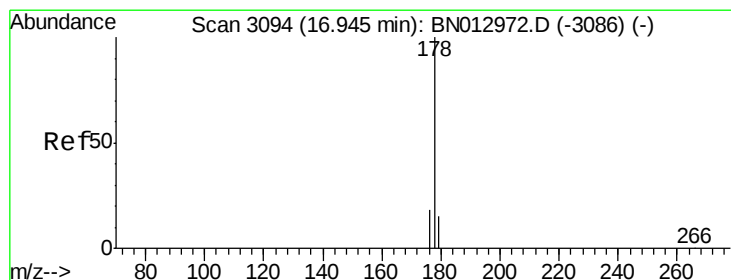
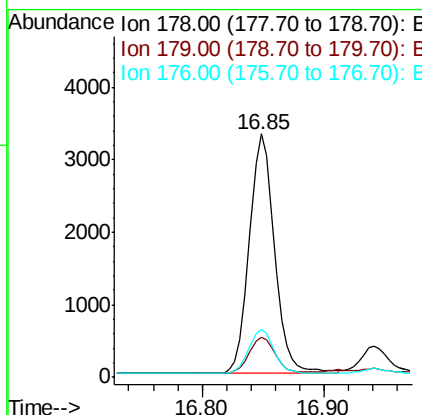
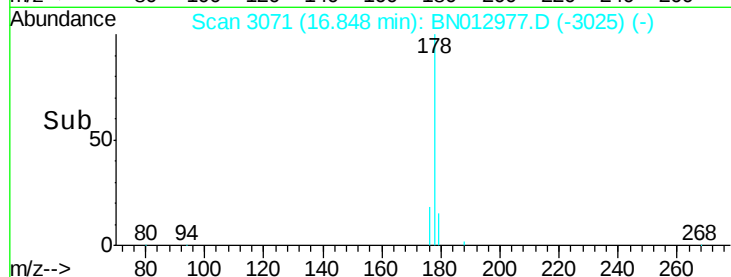
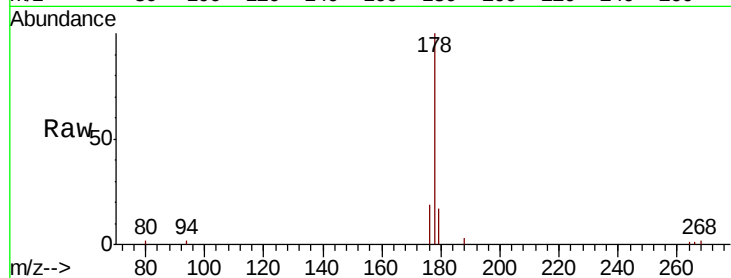
#12
Phenanthrene
Concen: 0.308 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012977.D
Acq: 08 Dec 2020 16:04

Instrument :
BNA_N
ClientSampleId :
C0AZ5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.6	20.4
176	19.4	16.4	24.6

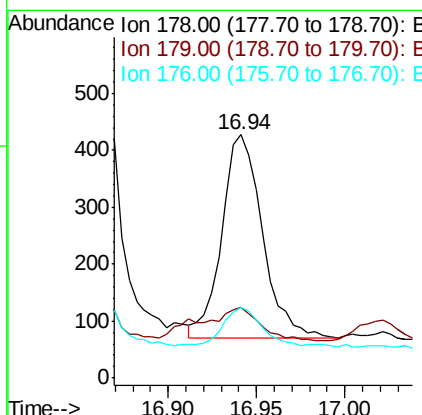
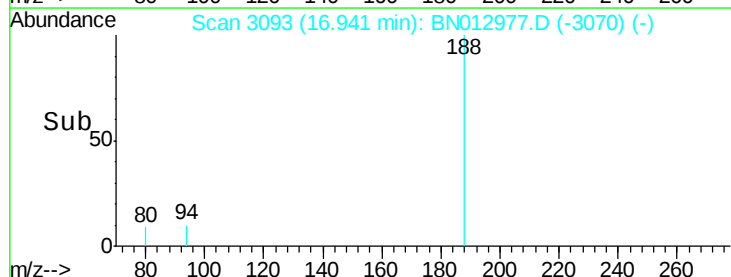
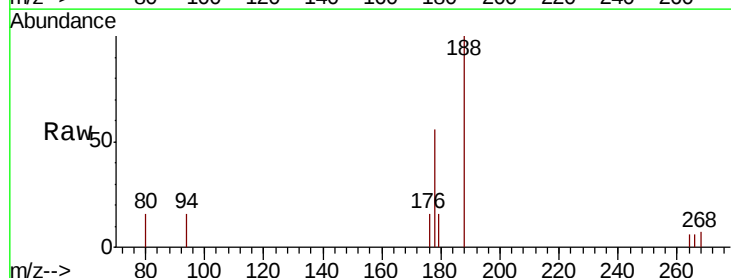
Manual Integrations
APPROVED

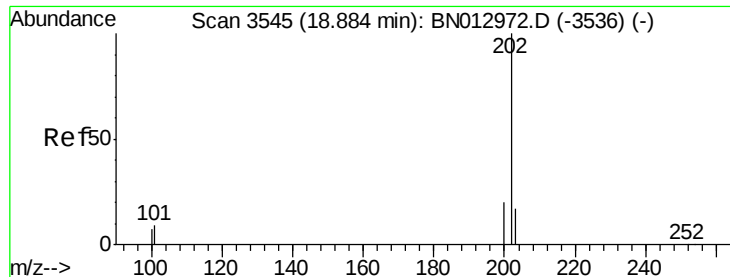
mohammad
12/9/2020 12:24:56 PM



#13
Anthracene
Concen: 0.044 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012977.D
Acq: 08 Dec 2020 16:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.0	14.6	21.8#
176	29.2	17.1	25.7#





#15

Fluoranthene

Concen: 0.854 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Instrument :

BNA_N

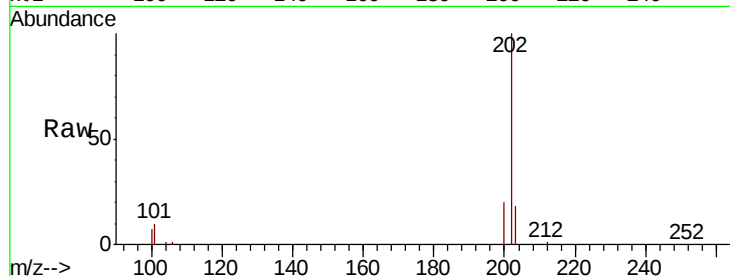
ClientSampleId :

C0AZ5DL

Tot Ion:	202	Resp:	15258
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.6
100	7.5	0.0	28.7

Manual Integrations
APPROVED

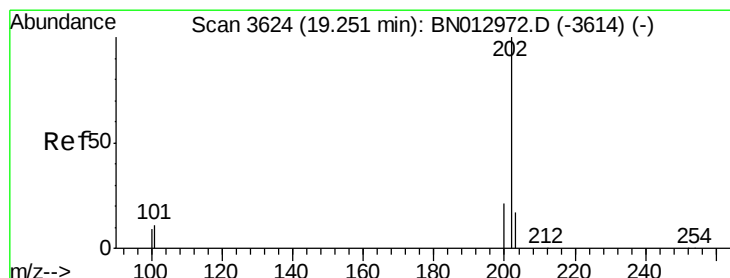
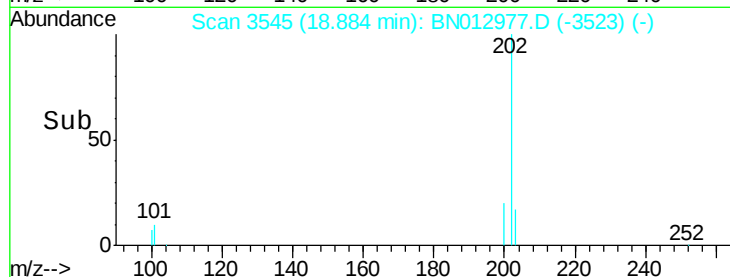
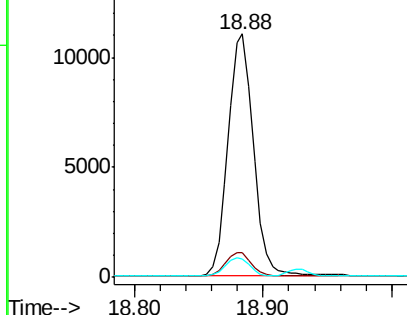
mohammad
12/9/2020 12:24:56 PM



Abundance Ion 202.00 (201.70 to 202.70): E

15000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.793 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN012977.D

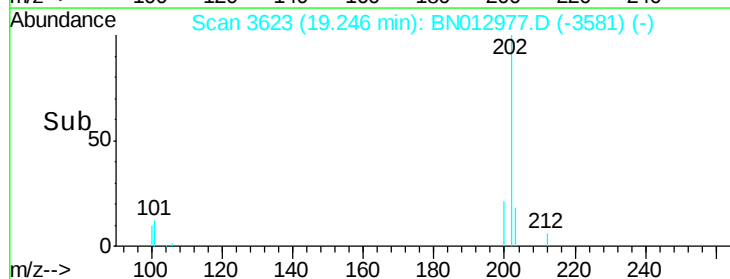
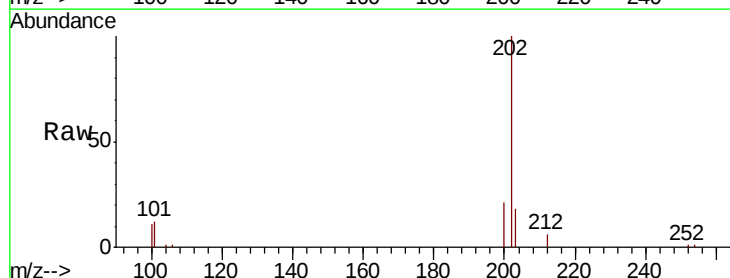
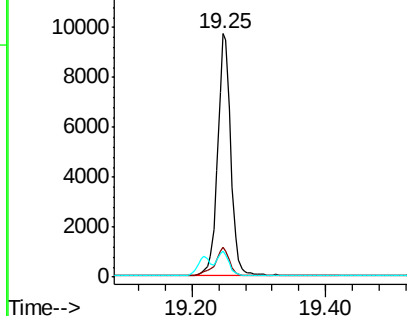
Acq: 08 Dec 2020 16:04

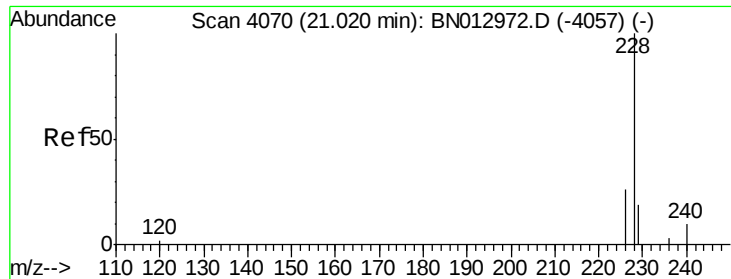
Tgt Ion:	202	Resp:	13279
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.1	13.7
100	10.6	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E

12000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





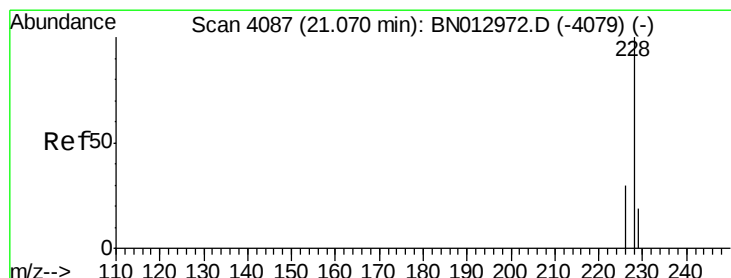
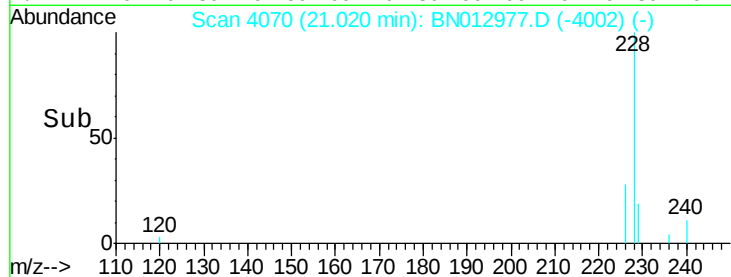
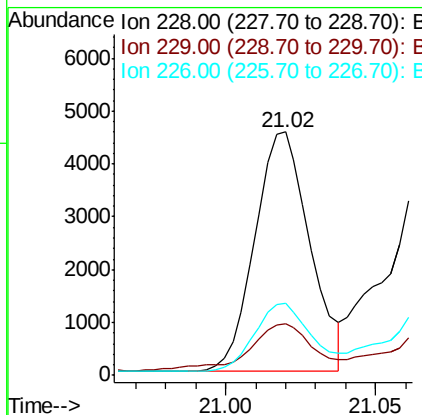
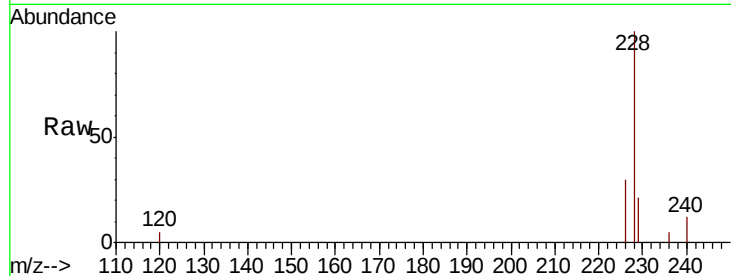
#18
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. 0.00 min
Lab File: BN012977.D
Acq: 08 Dec 2020 16:04

Instrument :
BNA_N
ClientSampleId :
C0AZ5DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.3	24.5
226	29.6	23.4	35.2

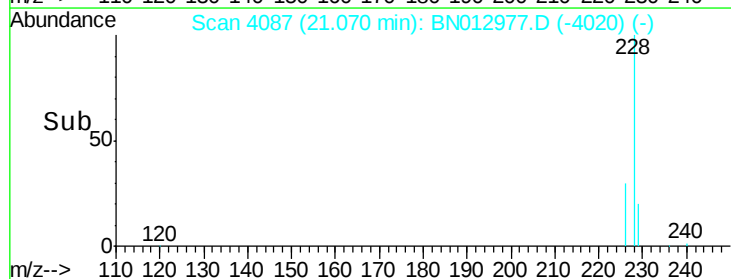
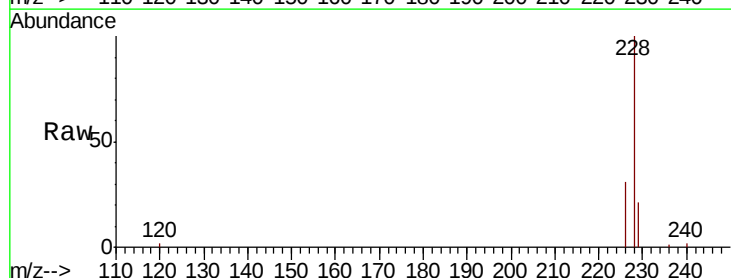
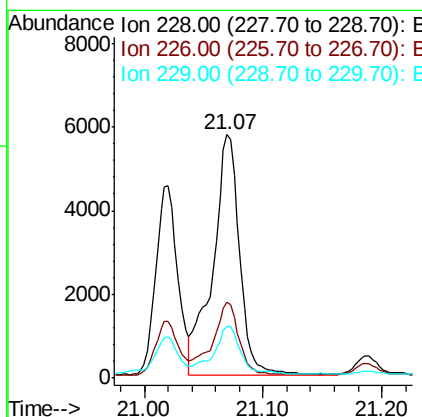
Manual Integrations
APPROVED

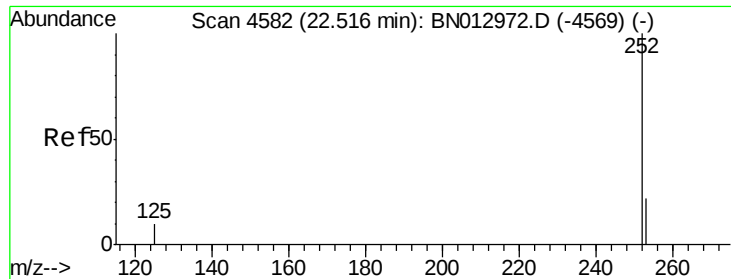
mohammad
12/9/2020 12:24:56 PM



#19
Chrysene
Concen: 0.553 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN012977.D
Acq: 08 Dec 2020 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.1	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.725 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. 0.00 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Instrument :

BNA_N

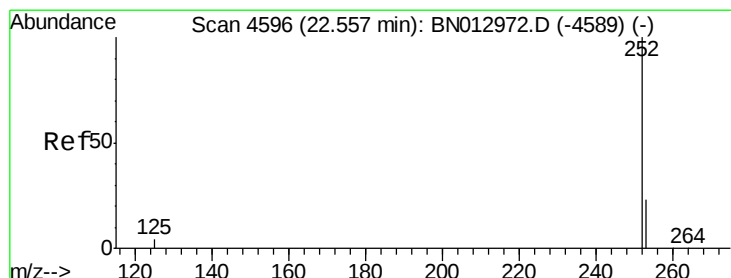
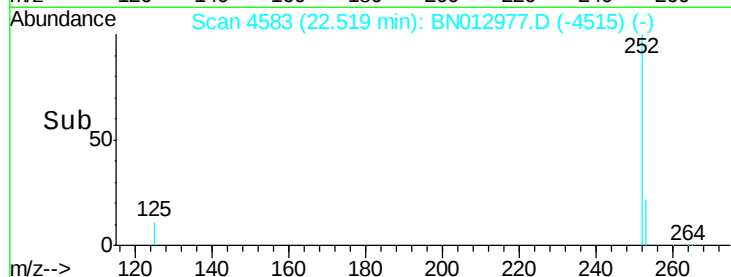
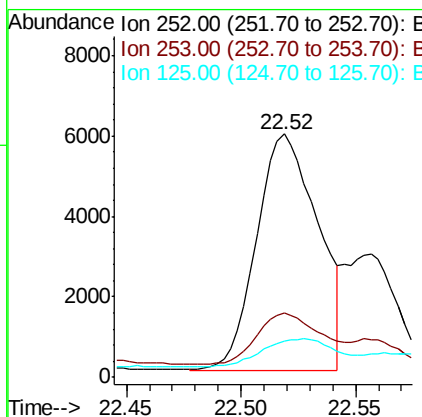
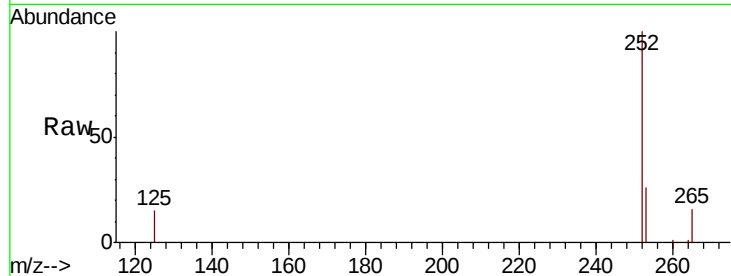
ClientSampleId :

C0AZ5DL

Tot Ion:	252	Resp:	11037
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	59.6
125	14.9	0.0	26.0

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:56 PM



#22

Benzo(k)fluoranthene

Concen: 0.271 ng/ul m

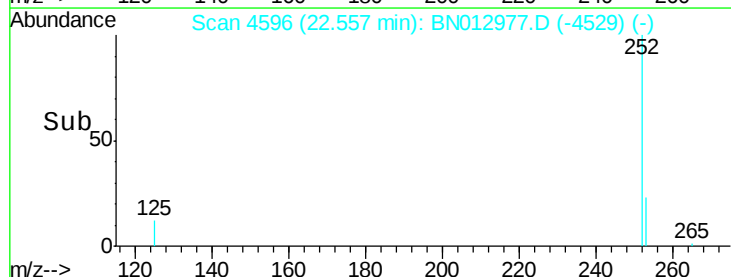
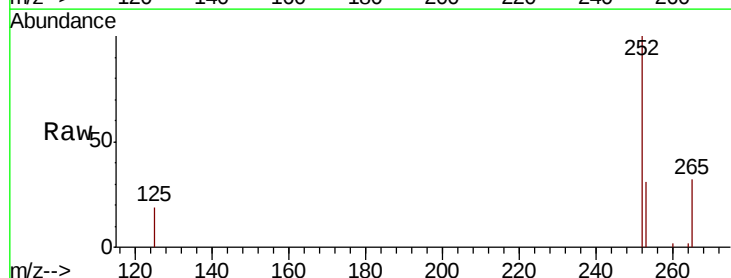
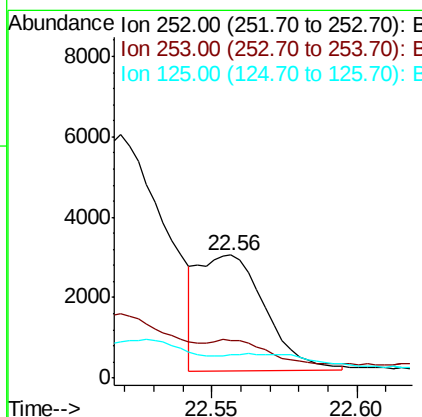
RT: 22.56 min Scan# 4596

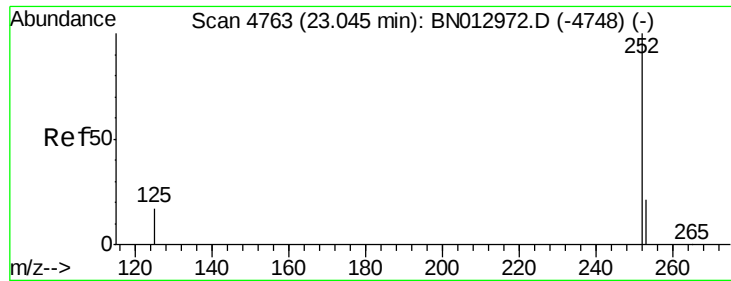
Delta R.T. -0.00 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Tgt Ion:	252	Resp:	4554
Ion Ratio	Lower	Upper	
252	100		
253	31.0	23.4	35.2
125	18.8	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 0.451 ng/ul m

RT: 23.04 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Instrument :

BNA_N

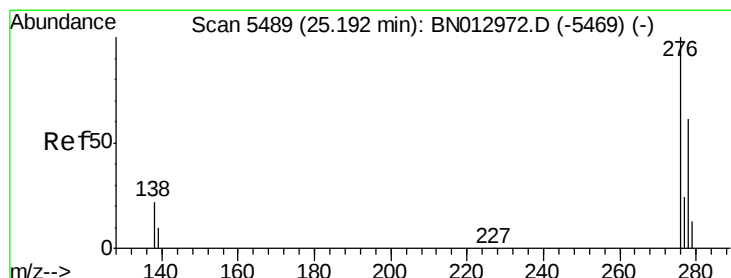
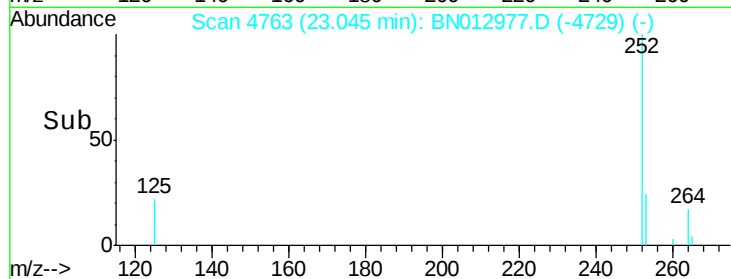
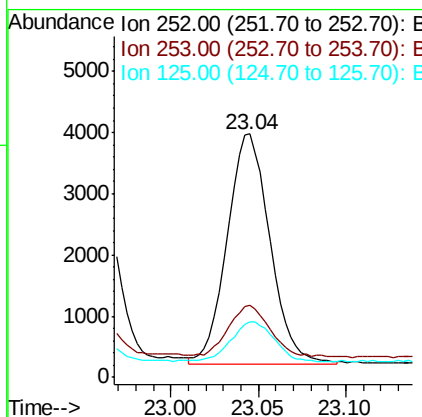
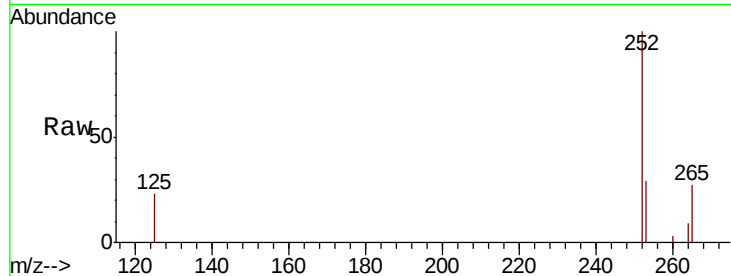
ClientSampleId :

C0AZ5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	26.5	39.7
125	22.5	14.2	21.2

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:56 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

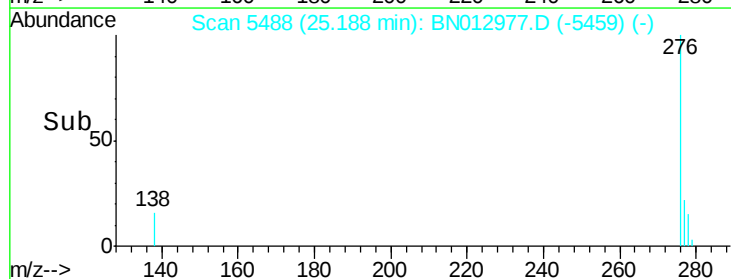
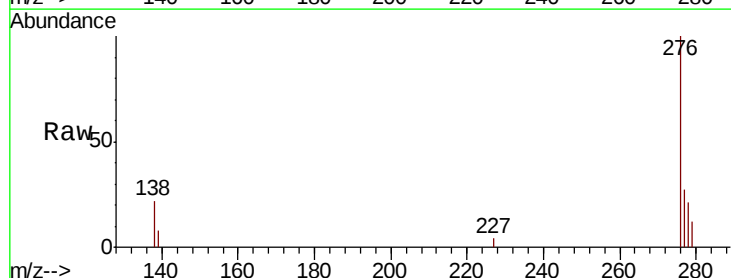
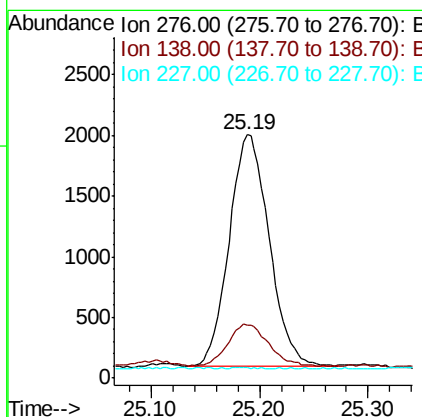
RT: 25.19 min Scan# 5488

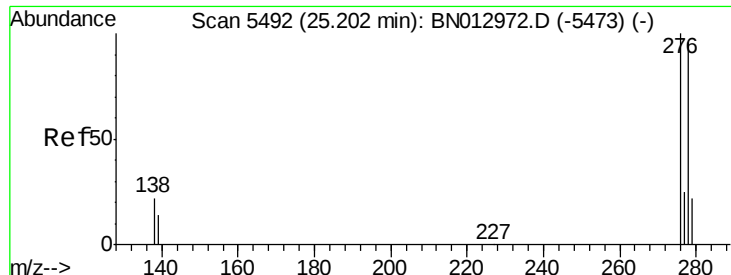
Delta R.T. -0.00 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
227	0.1	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.077 ng/ul

RT: 25.20 min Scan# 5490

Delta R.T. -0.01 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Instrument :

BNA_N

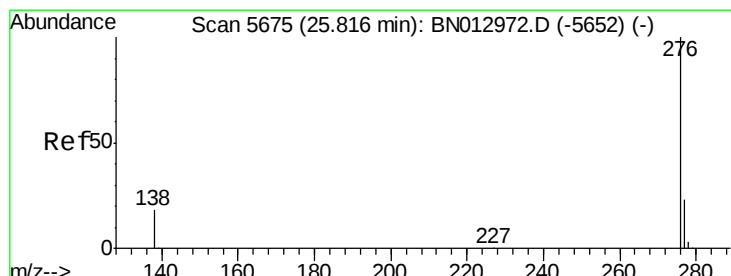
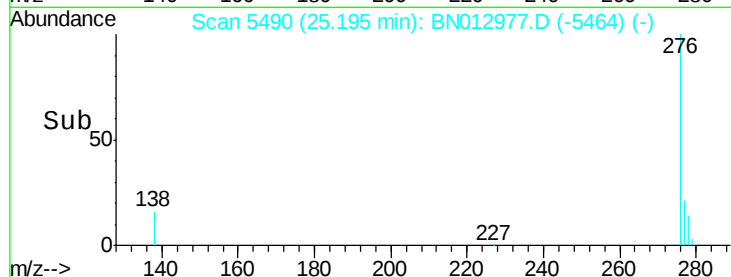
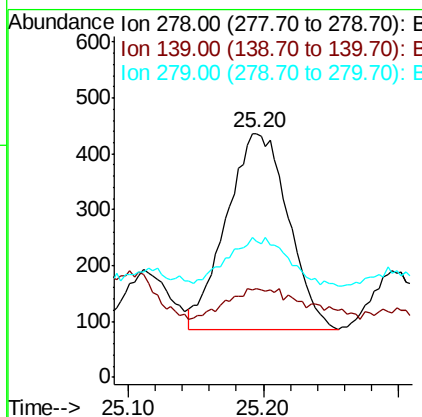
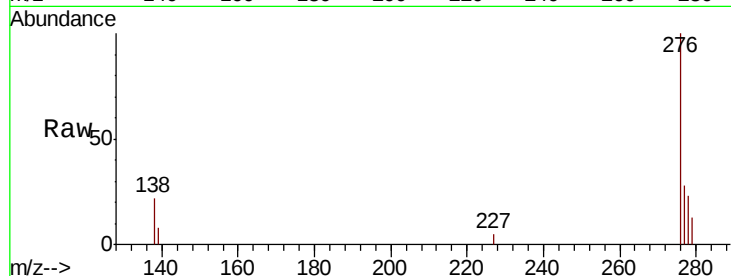
ClientSampleId :

C0AZ5DL

Tot Ion:	278	Resp:	1126
Ion Ratio	Lower	Upper	
278	100		
139	36.2	14.5	21.7#
279	55.7	26.3	39.5#

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:56 PM



#26

Benzo(g,h,i)perylene

Concen: 0.275 ng/ul

RT: 25.82 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN012977.D

Acq: 08 Dec 2020 16:04

Tgt Ion:	276	Resp:	4619
Ion Ratio	Lower	Upper	
276	100		
138	23.1	16.3	24.5
277	27.6	21.8	32.6

