

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012826.D
 Acq On : 02 Dec 2020 18:56
 Operator : CG/JU
 Sample : L4865-22
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B67

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:44:18 PM

Quant Time: Dec 03 00:28:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2886	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1680	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3552	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	2910	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3135	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1119	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2567	0.28	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.87	178	1381	0.112	ng/ul	93
13) Anthracene	16.96	178	271	0.025	ng/ul#	59
15) Fluoranthene	18.90	202	5914	0.414	ng/ul	99
17) Pyrene	19.26	202	5893	0.453	ng/ul#	94
18) Benzo(a)anthracene	21.03	228	2946	0.283	ng/ul	99
19) Chrysene	21.09	228	4126	0.317	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	5891m	0.408	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	2382m	0.143	ng/ul	
23) Benzo(a)pyrene	23.07	252	3739	0.275	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.23	276	2915	0.164	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.24	278	666	0.047	ng/ul#	39
26) Benzo(g,h,i)perylene	25.85	276	2751	0.172	ng/ul	94

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

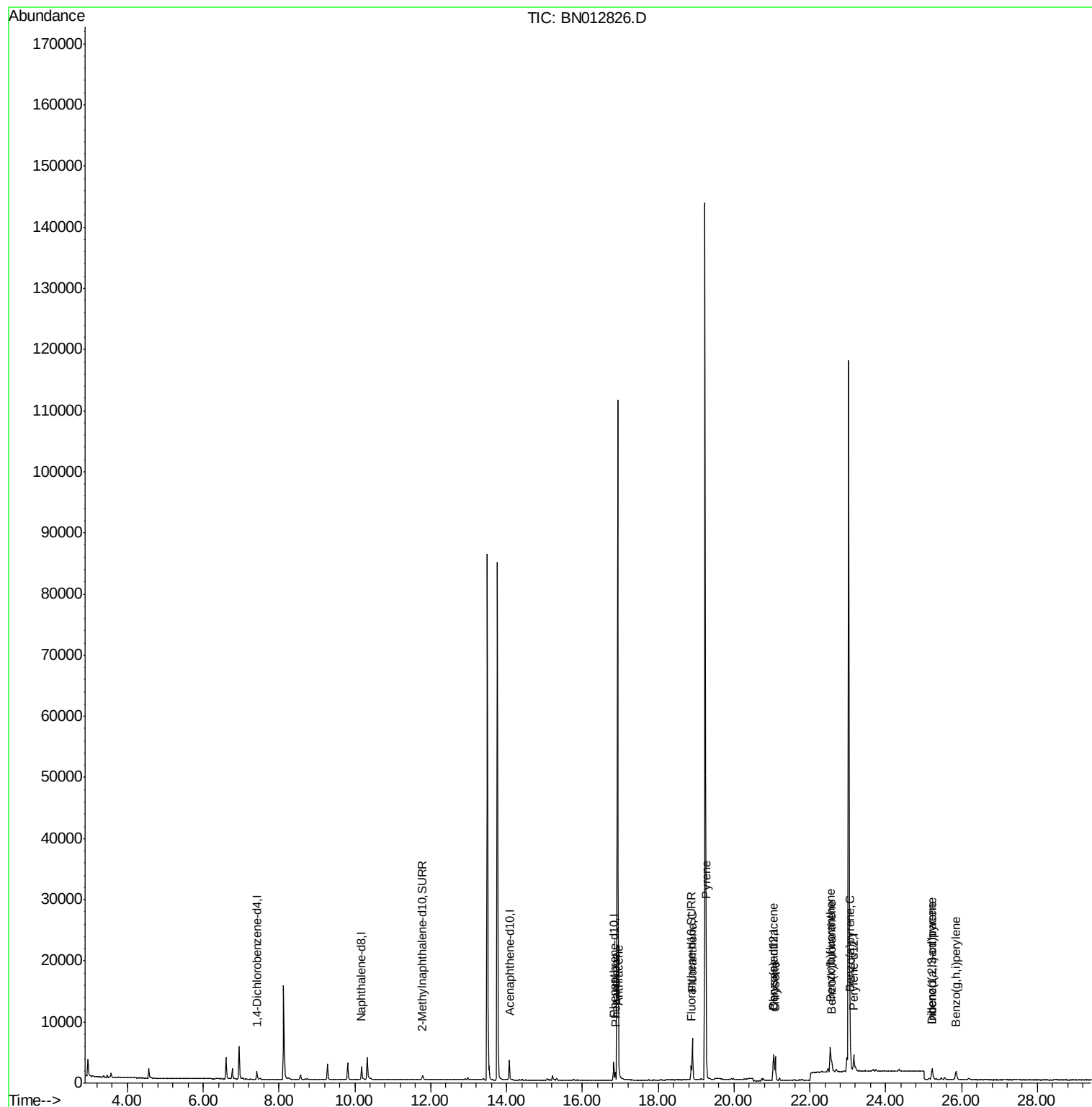
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012826.D
Acq On : 02 Dec 2020 18:56
Operator : CG/JU
Sample : L4865-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

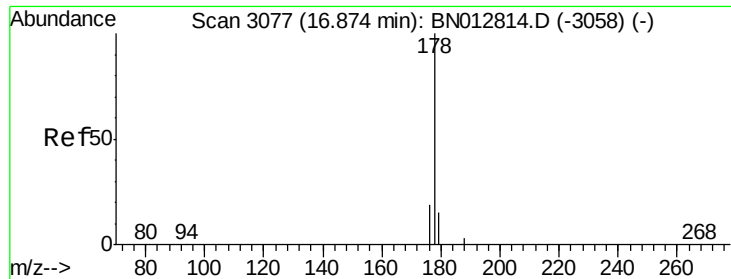
Instrument :
BNA_N
ClientSampleId :
C0B67

Manual Integrations
APPROVED

mohammad
12/3/2020 3:44:18 PM

Quant Time: Dec 03 00:28:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.112 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012826.D

Acq: 02 Dec 2020 18:56

Instrument :

BNA_N

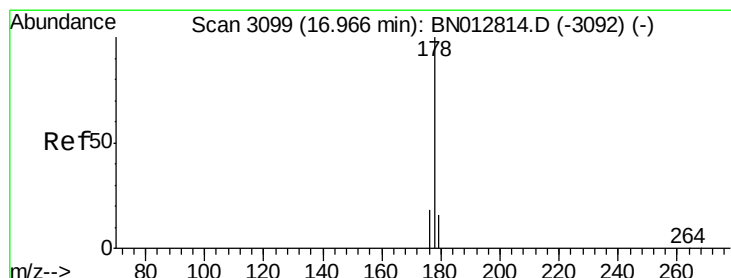
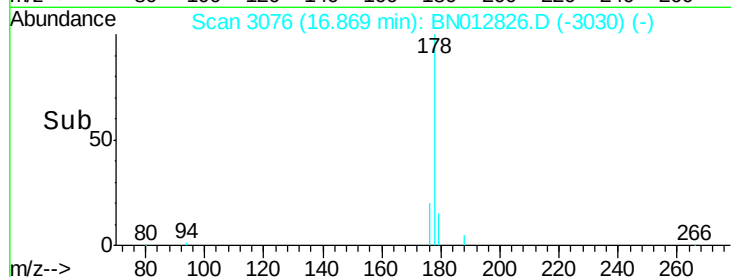
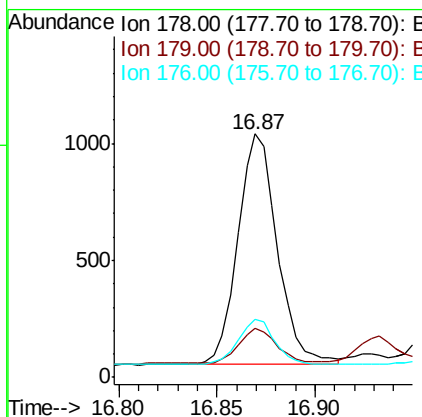
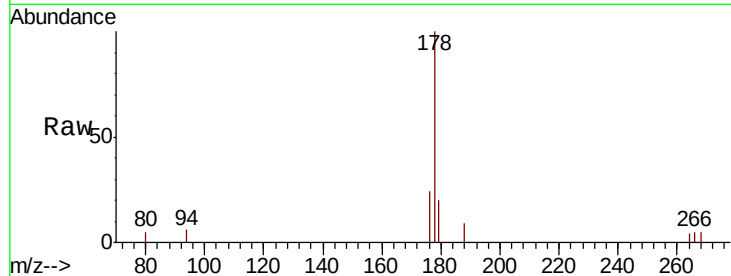
ClientSampled :

C0B67

Tot Ion:178	Resp:	1381
Ion Ratio	Lower	Upper
178	100	
179	20.4	13.8 20.6
176	23.8	16.7 25.1

Manual Integrations
APPROVED

mohammad
12/3/2020 3:44:18 PM



#13

Anthracene

Concen: 0.025 ng/ul

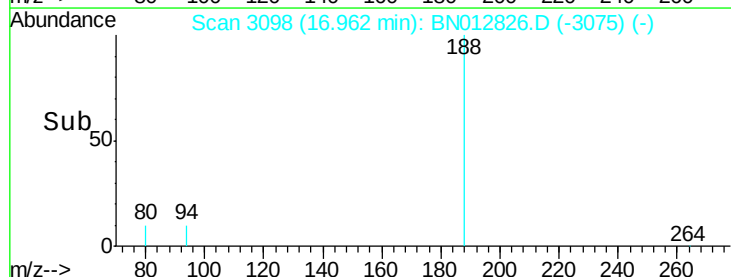
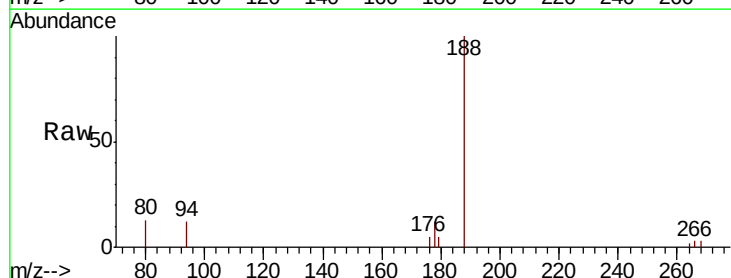
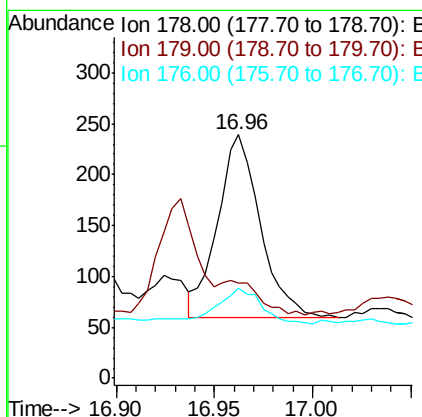
RT: 16.96 min Scan# 3098

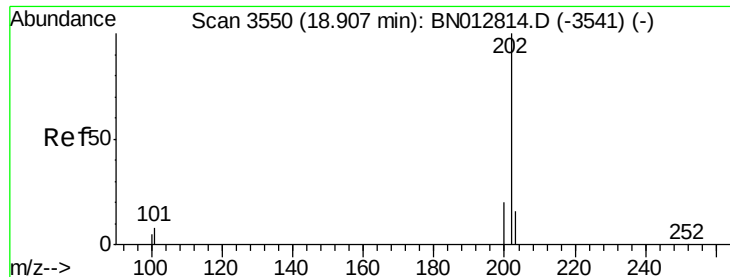
Delta R.T. -0.00 min

Lab File: BN012826.D

Acq: 02 Dec 2020 18:56

Tgt Ion:178	Resp:	271
Ion Ratio	Lower	Upper
178	100	
179	39.3	14.8 22.2#
176	36.8	16.3 24.5#





#15

Fluoranthene

Concen: 0.414 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012826.D

Acq: 02 Dec 2020 18:56

Instrument :

BNA_N

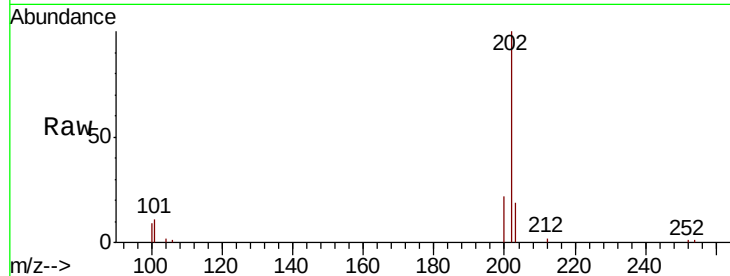
ClientSampleId :

C0B67

Tot Ion:	202	Resp:	5914
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.5
100	8.6	0.0	28.4

Manual Integrations
APPROVED

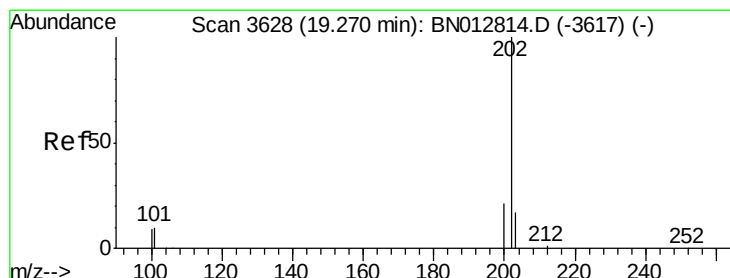
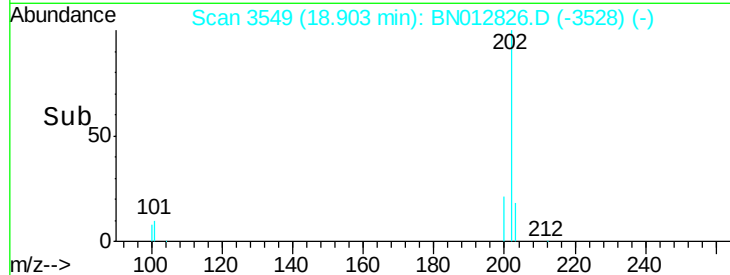
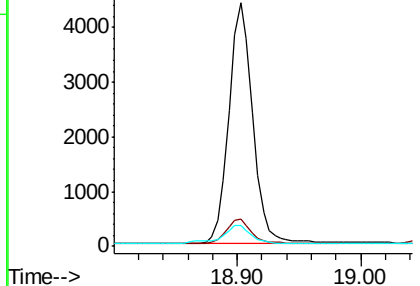
mohammad
12/3/2020 3:44:18 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.453 ng/ul

RT: 19.26 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN012826.D

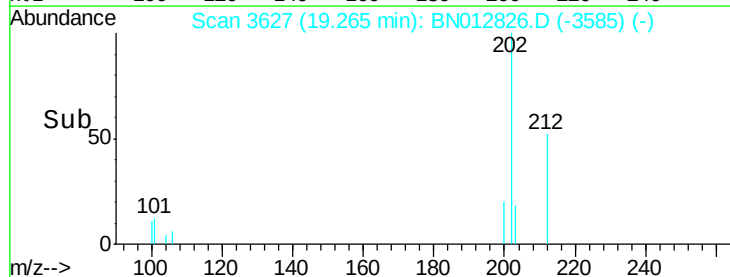
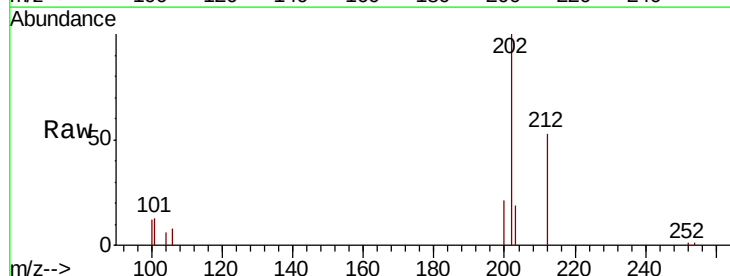
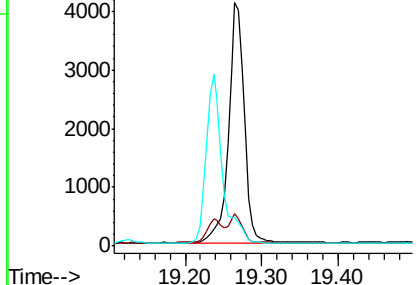
Acq: 02 Dec 2020 18:56

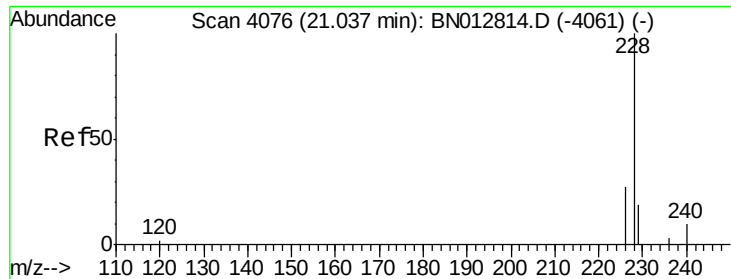
Tgt Ion:	202	Resp:	5893
Ion Ratio	Lower	Upper	
202	100		
101	13.3	8.9	13.3
100	11.7	7.4	11.2#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





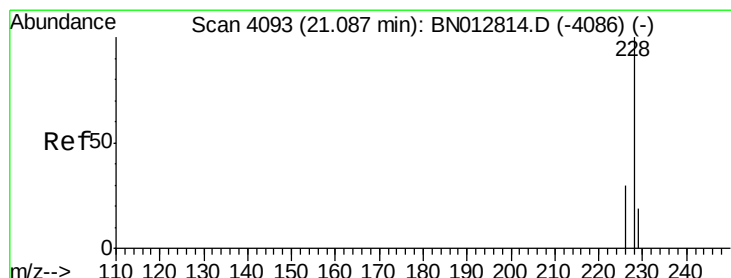
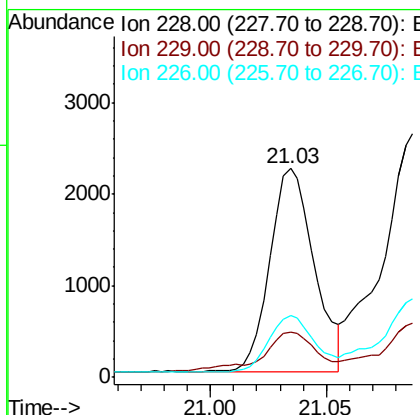
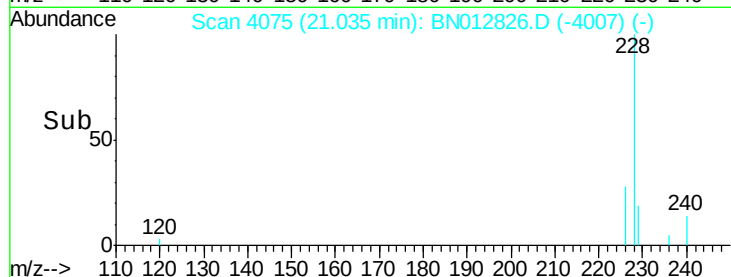
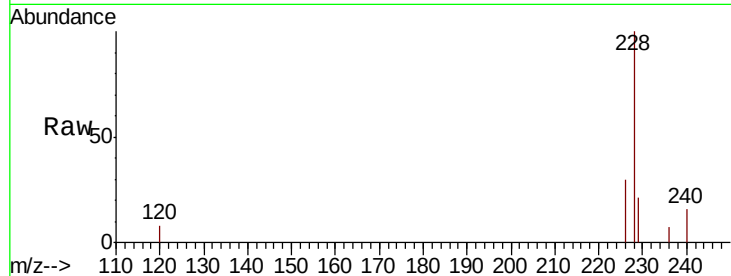
#18
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.9	25.3
226	29.7	23.1	34.7

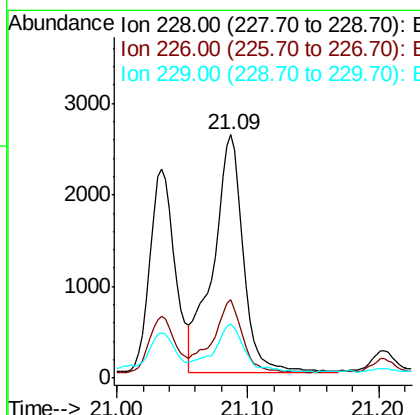
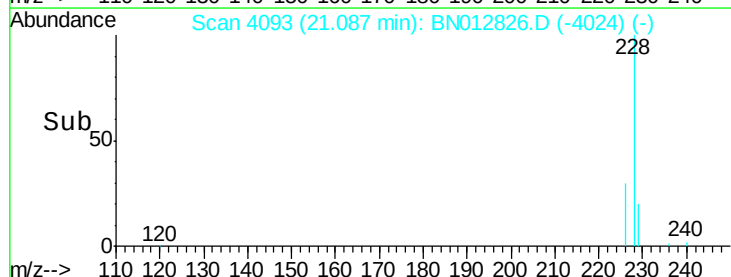
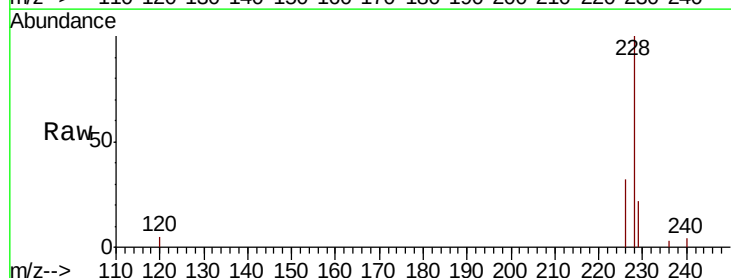
Manual Integrations
APPROVED

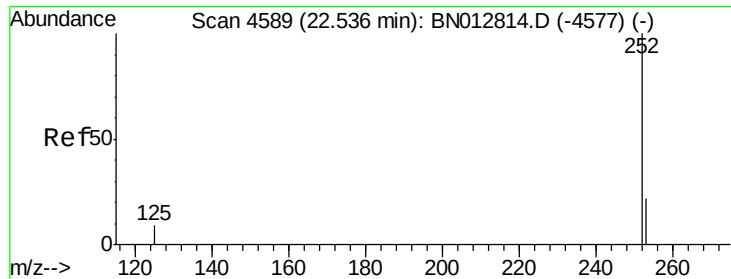
mohammad
12/3/2020 3:44:18 PM



#19
Chrysene
Concen: 0.317 ng/ul
RT: 21.09 min Scan# 4093
Delta R.T. 0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.4	36.6
229	22.1	16.1	24.1





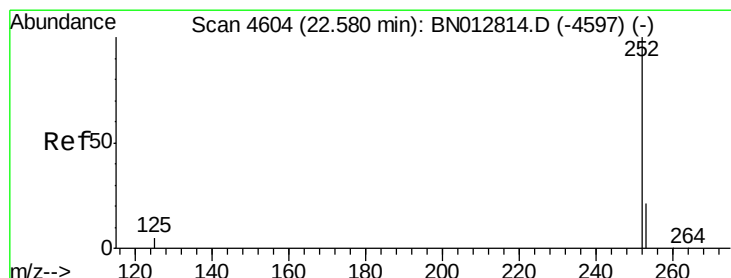
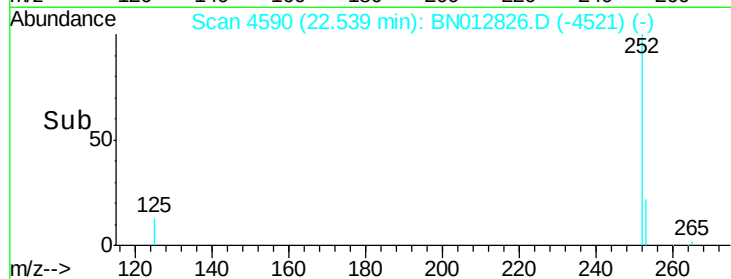
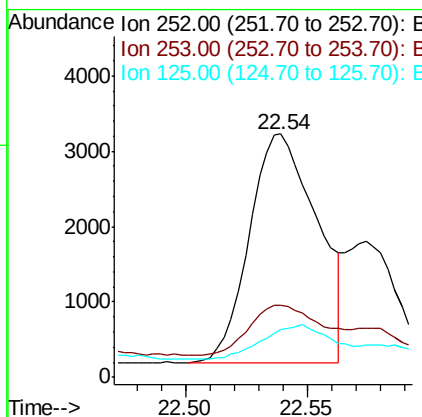
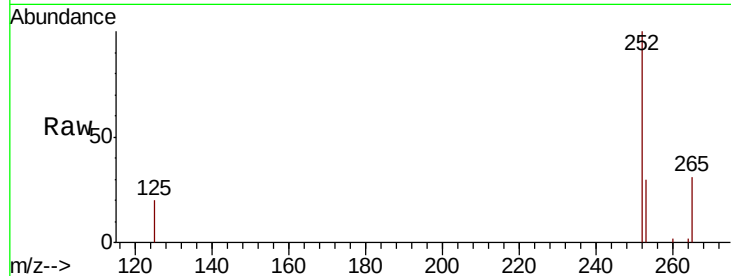
#21
Benzo(b)fluoranthene
Concen: 0.408 ng/ul m
RT: 22.54 min Scan# 4590
Delta R.T. 0.00 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	58.4
125	19.6	0.0	28.6

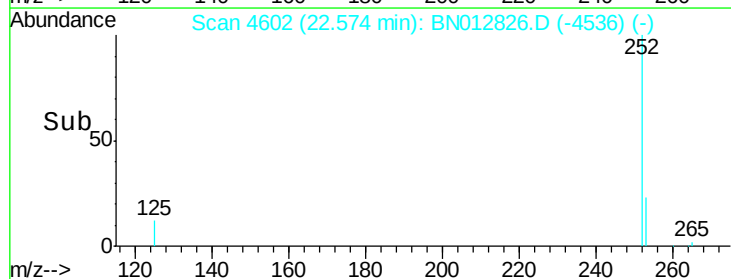
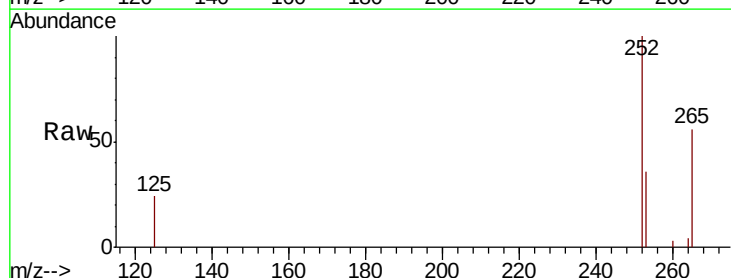
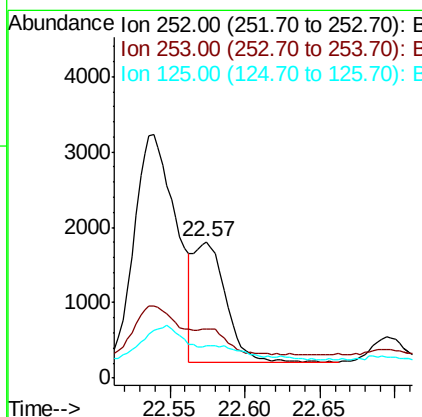
Manual Integrations
APPROVED

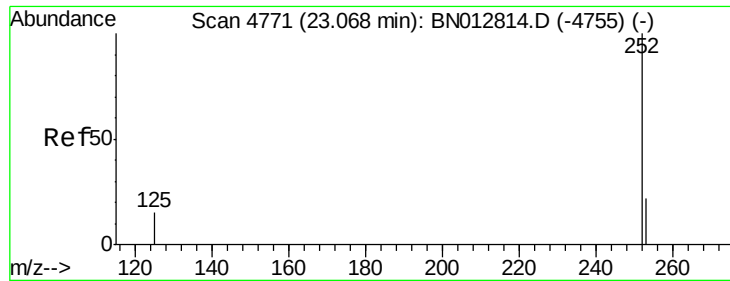
mohammad
12/3/2020 3:44:18 PM



#22
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.0	23.4	35.2#
125	24.0	10.2	15.2#





#23

Benzo(a)pyrene

Concen: 0.275 ng/ul

RT: 23.07 min Scan# 4770

Delta R.T. -0.00 min

Lab File: BN012826.D

Acq: 02 Dec 2020 18:56

Instrument :

BNA_N

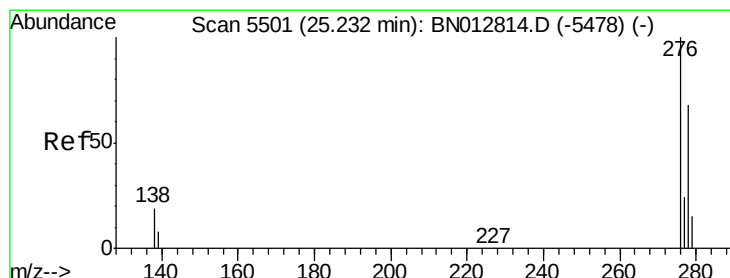
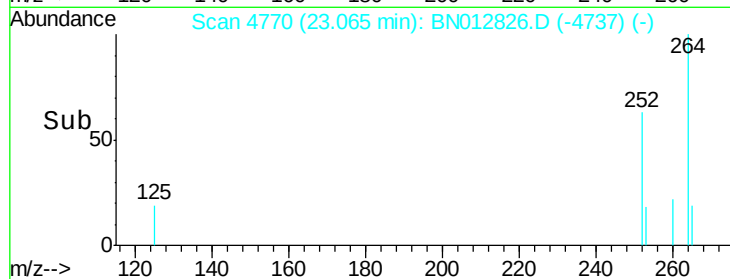
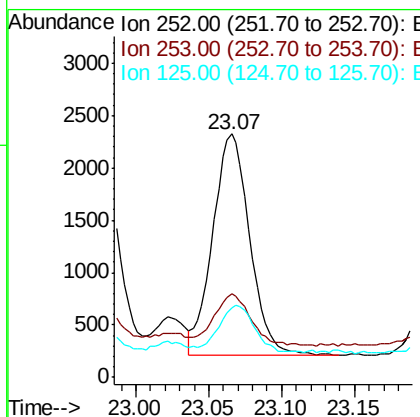
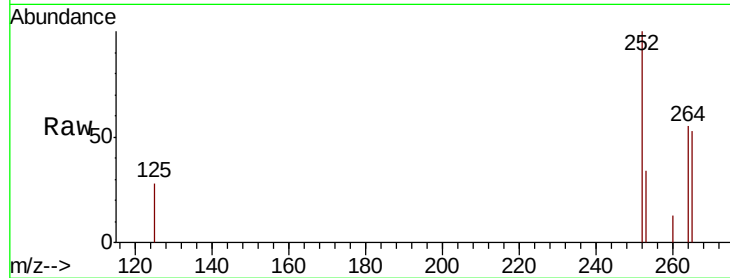
ClientSampleId :

C0B67

Tot Ion:	252	Resp:	3739
Ion Ratio	Lower	Upper	
252	100		
253	34.3	27.6	41.4
125	28.3	17.0	25.4#

Manual Integrations
APPROVED

mohammad
12/3/2020 3:44:18 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.164 ng/ul

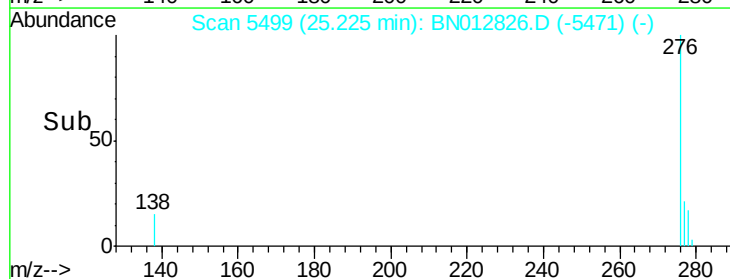
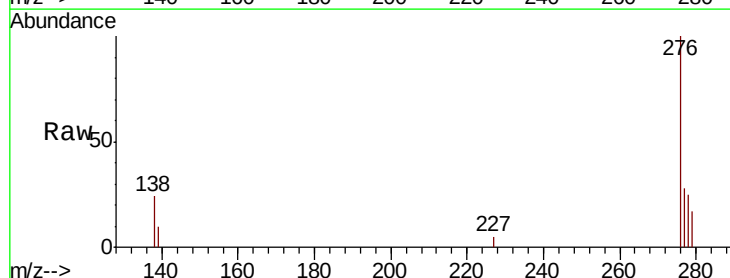
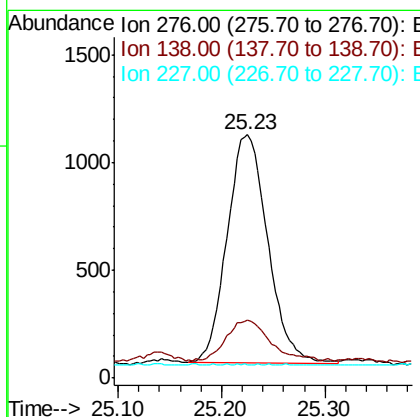
RT: 25.23 min Scan# 5499

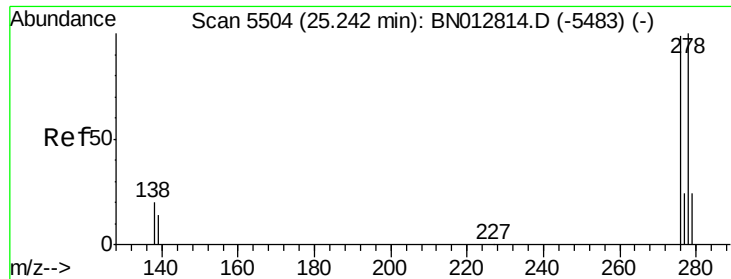
Delta R.T. -0.01 min

Lab File: BN012826.D

Acq: 02 Dec 2020 18:56

Tgt Ion:	276	Resp:	2915
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.5	24.7
227	0.1	0.1	0.1#





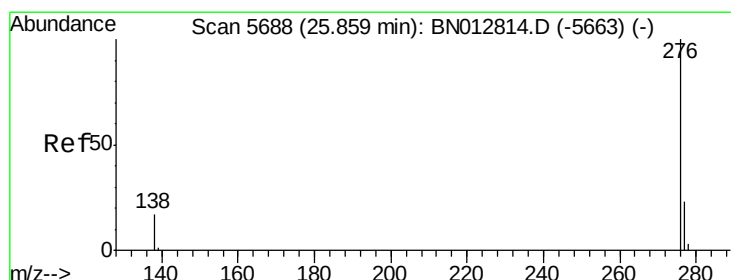
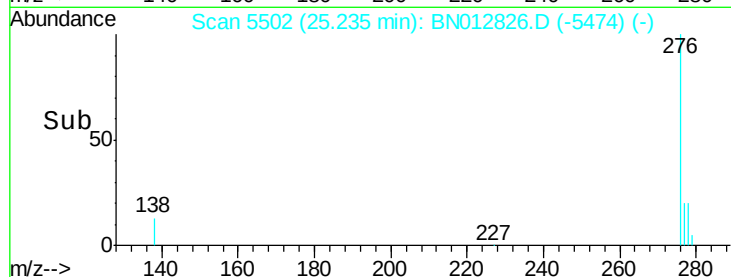
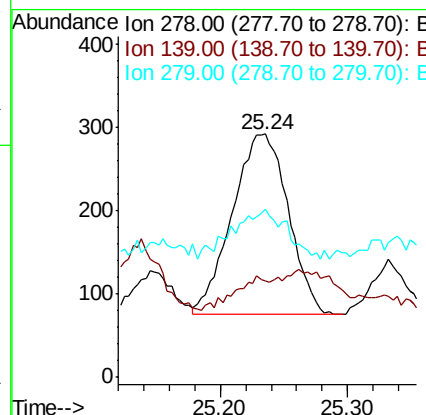
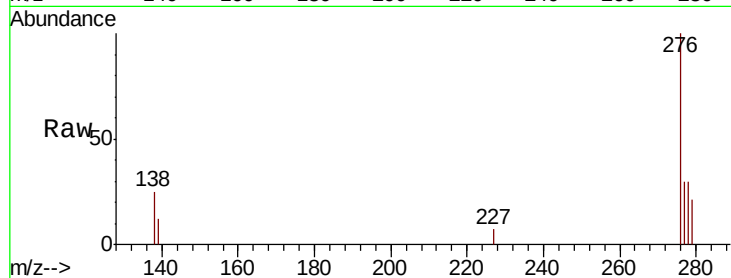
#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.24 min Scan# 5502
Delta R.T. -0.01 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Instrument :
BNA_N
ClientSampleId :
C0B67

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.7	13.8	20.8#
279	69.2	25.6	38.4#

Manual Integrations
APPROVED

mohammad
12/3/2020 3:44:18 PM



#26
Benzo(g,h,i)perylene
Concen: 0.172 ng/ul
RT: 25.85 min Scan# 5686
Delta R.T. -0.01 min
Lab File: BN012826.D
Acq: 02 Dec 2020 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	16.3	24.5
277	29.8	21.8	32.8

