

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011716.D
 Acq On : 05 Sep 2020 00:47
 Operator : CG/JU
 Sample : L3840-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:47:51 PM

Quant Time: Sep 05 06:04:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5424	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	11680	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	10731	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	10835	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2931	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6136	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1072	0.038	ng/ul#	88
7) Acenaphthylene	14.10	152	4314	0.158	ng/ul	98
9) Fluorene	15.43	166	637	0.025	ng/ul#	91
12) Phenanthrene	17.16	178	3440	0.087	ng/ul	98
13) Anthracene	17.25	178	5329	0.164	ng/ul	99
15) Fluoranthene	19.19	202	2981	0.066	ng/ul	92
17) Pyrene	19.55	202	12747m	0.304	ng/ul	
18) Benzo(a)anthracene	21.30	228	10346	0.287	ng/ul	95
19) Chrysene	21.35	228	27819	0.573	ng/ul	100
21) Benzo(b)fluoranthene	22.89	252	45526m	0.967	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	20613m	0.396	ng/ul	
23) Benzo(a)pyrene	23.46	252	26987	0.682	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	15545	0.291	ng/ul	100
25) Dibenzo(a,h)anthracene	25.83	278	4846	0.111	ng/ul#	87
26) Benzo(g,h,i)perylene	26.51	276	10065	0.201	ng/ul	97

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

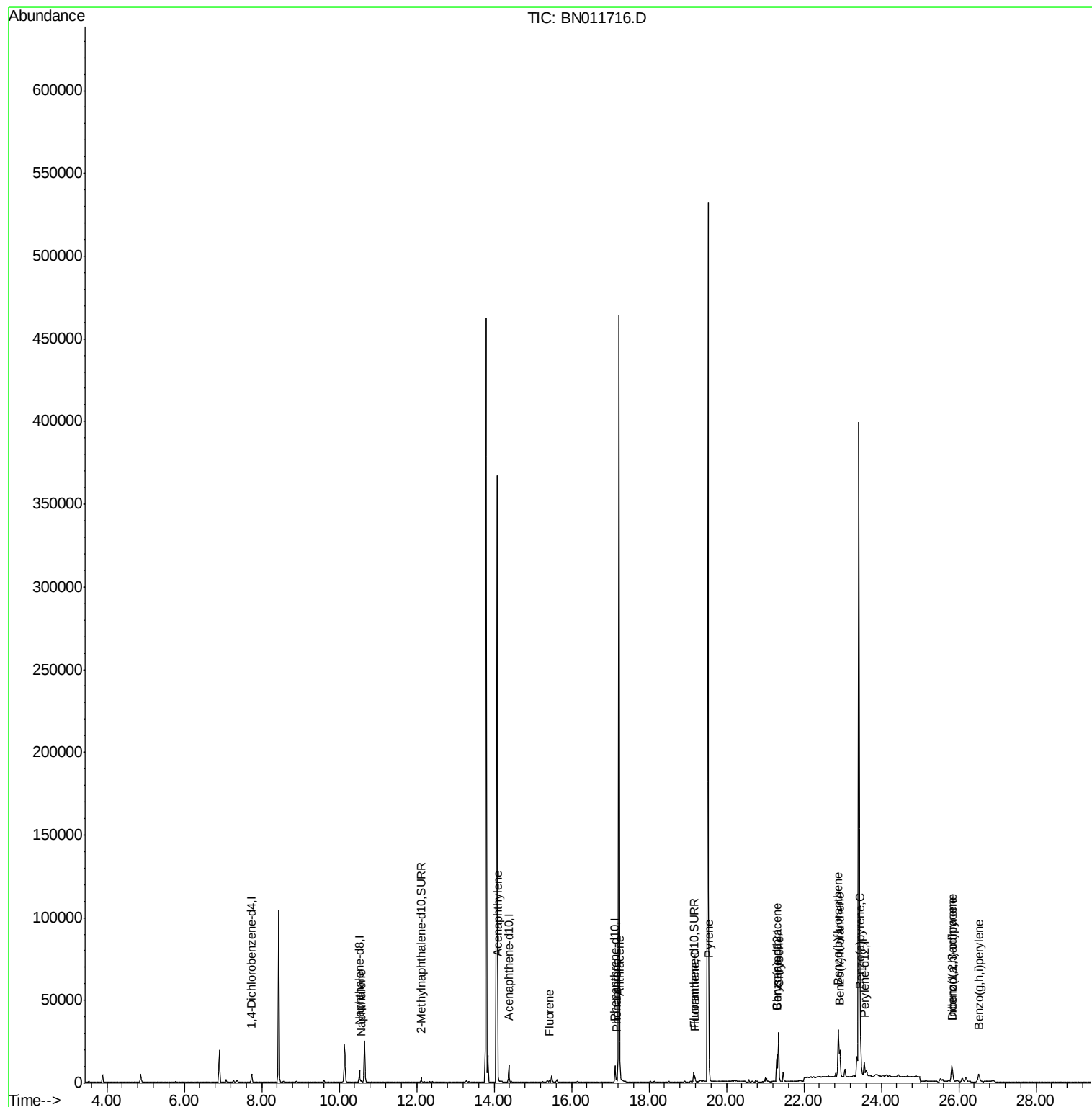
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

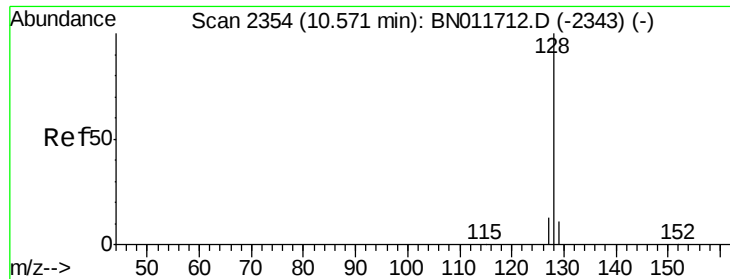
Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:51 PM

Quant Time: Sep 05 06:04:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

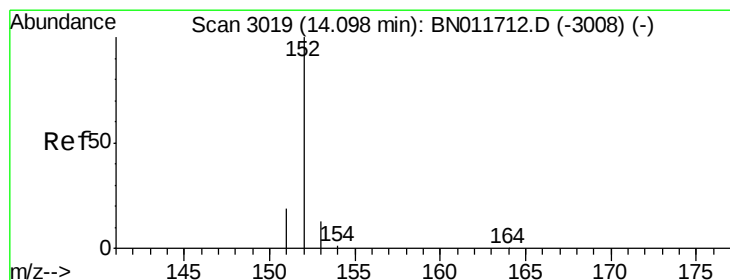
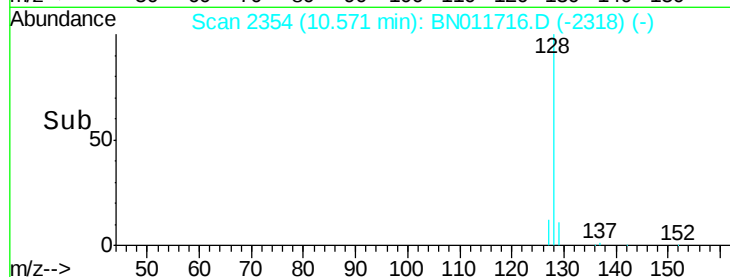
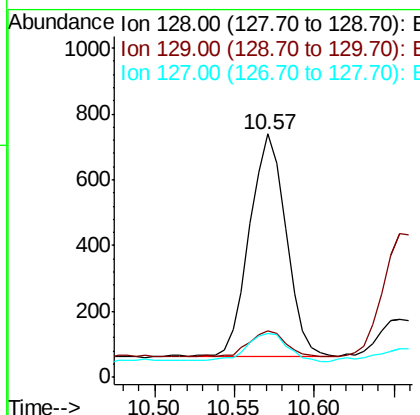
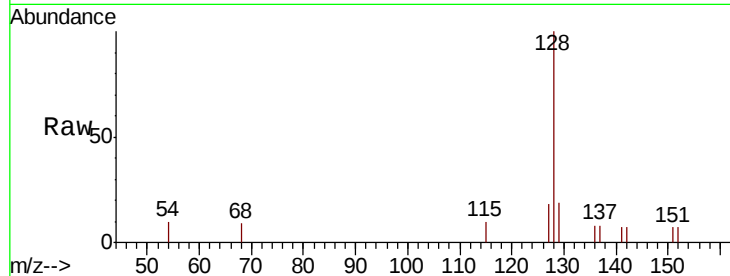
ClientSampleId :

C0AA9

Tot Ion:	128	Resp:	1072
Ion Ratio	Lower	Upper	
128	100		
129	18.9	10.4	15.6#
127	18.1	11.4	17.0#

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:51 PM



#7

Acenaphthylene

Concen: 0.158 ng/ul

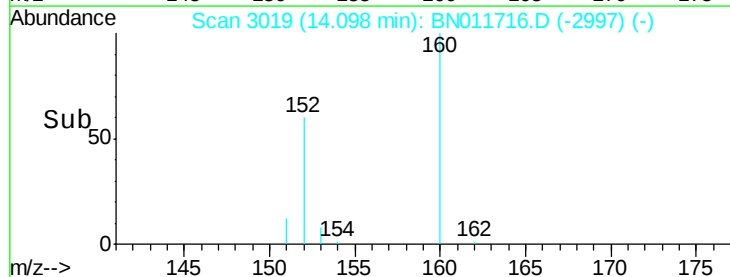
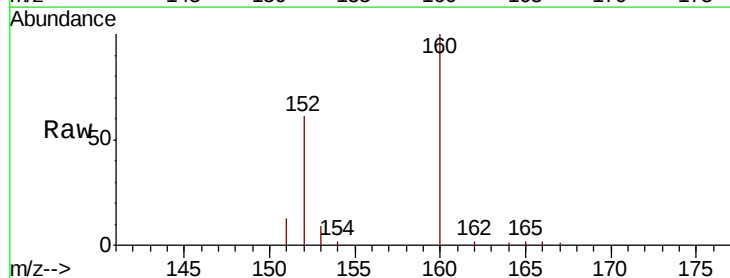
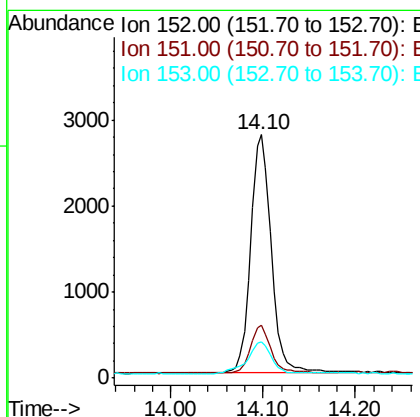
RT: 14.10 min Scan# 3019

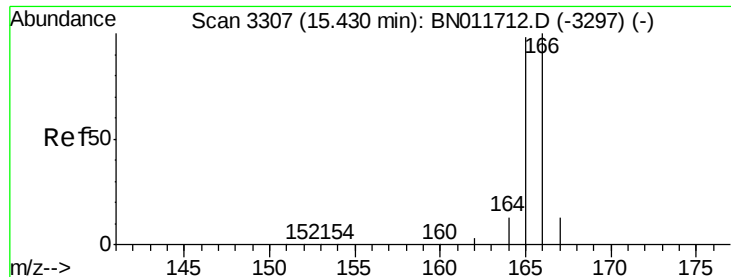
Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Tgt Ion:	152	Resp:	4314
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.7	25.1
153	15.1	12.3	18.5





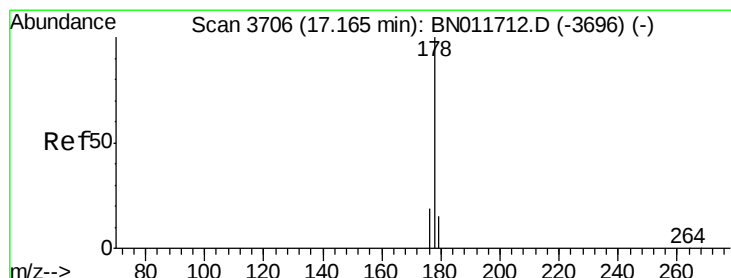
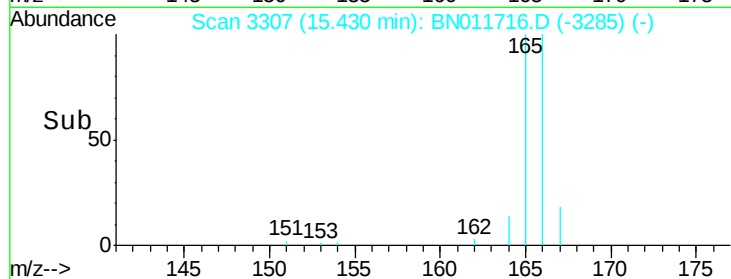
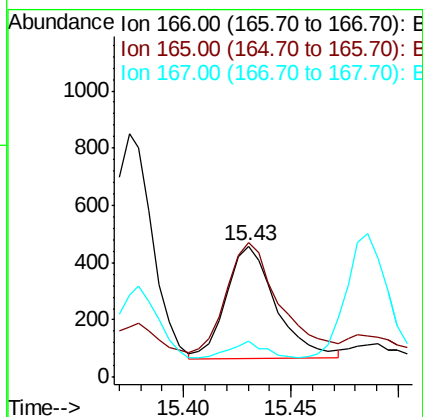
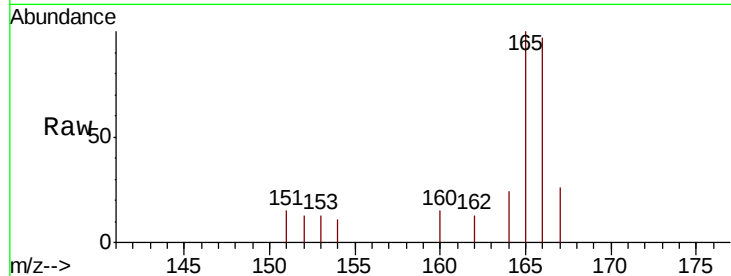
#9
Fluorene
 Concen: 0.025 ng/ul
 RT: 15.43 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BN011716.D
 Acq: 05 Sep 2020 00:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.8	77.7	116.5
167	27.2	12.5	18.7

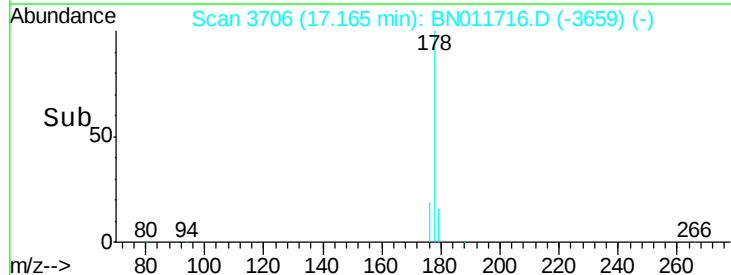
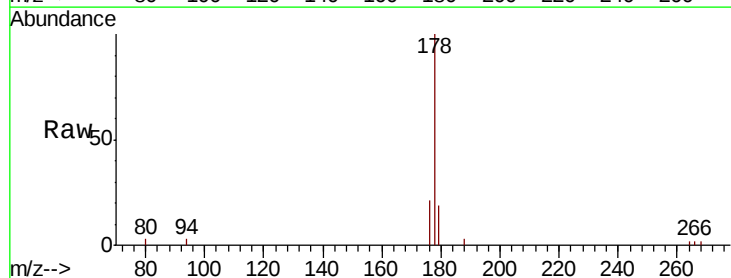
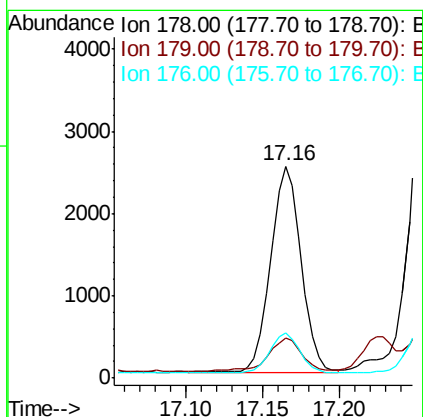
Manual Integrations
 APPROVED

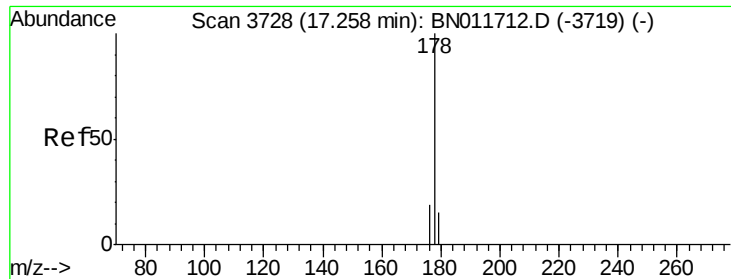
mohammad
 9/8/2020 1:47:51 PM



#12
Phenanthrene
 Concen: 0.087 ng/ul
 RT: 17.16 min Scan# 3706
 Delta R.T. 0.00 min
 Lab File: BN011716.D
 Acq: 05 Sep 2020 00:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.8	20.8
176	21.2	16.3	24.5





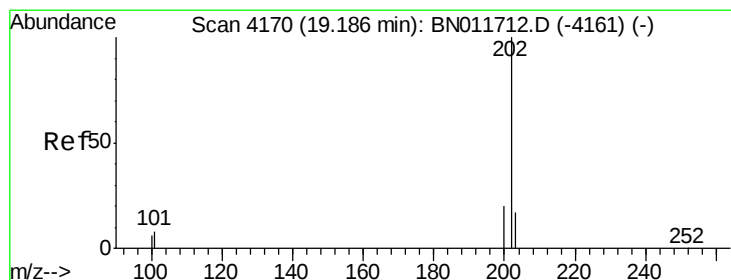
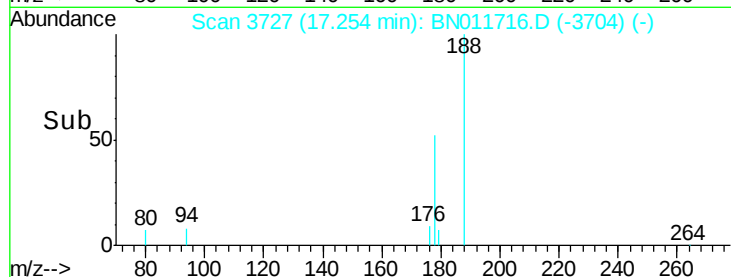
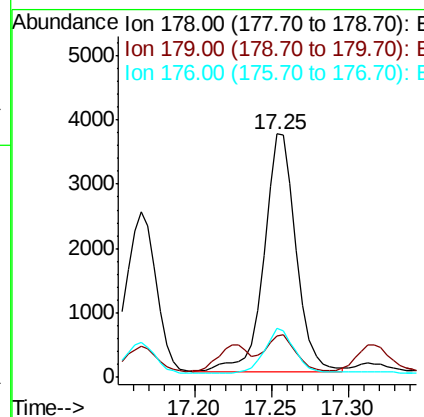
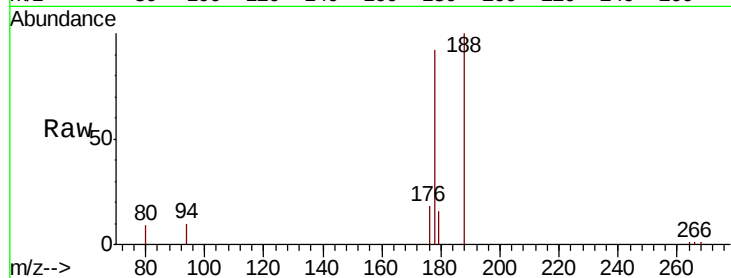
#13
 Anthracene
 Concen: 0.164 ng/ul
 RT: 17.25 min Scan# 3727
 Delta R.T. -0.00 min
 Lab File: BN011716.D
 Acq: 05 Sep 2020 00:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.2	21.2
176	20.1	15.8	23.8

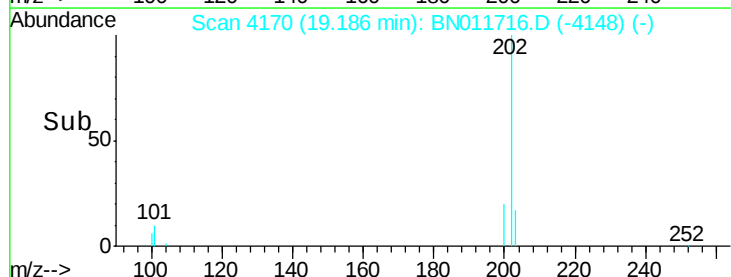
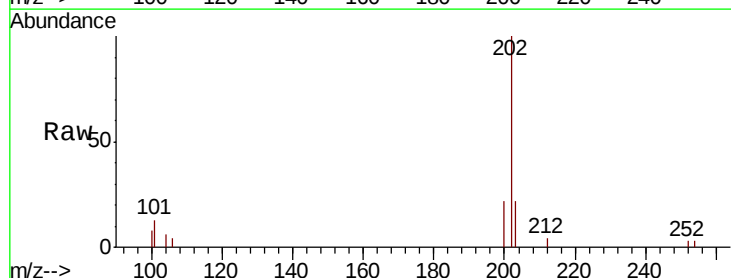
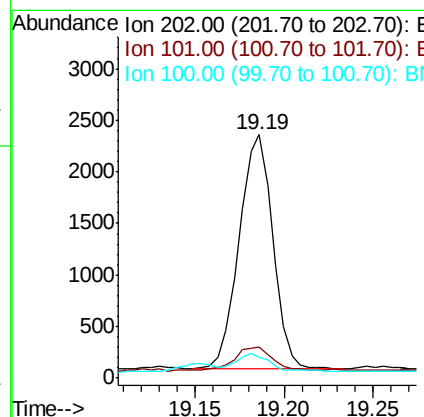
Manual Integrations
 APPROVED

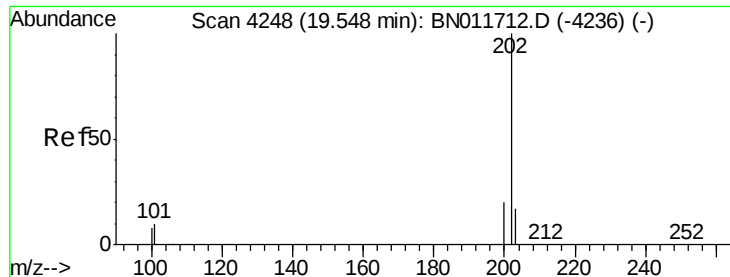
mohammad
 9/8/2020 1:47:51 PM



#15
 Fluoranthene
 Concen: 0.066 ng/ul
 RT: 19.19 min Scan# 4170
 Delta R.T. 0.00 min
 Lab File: BN011716.D
 Acq: 05 Sep 2020 00:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	28.3
100	8.3	0.0	27.1





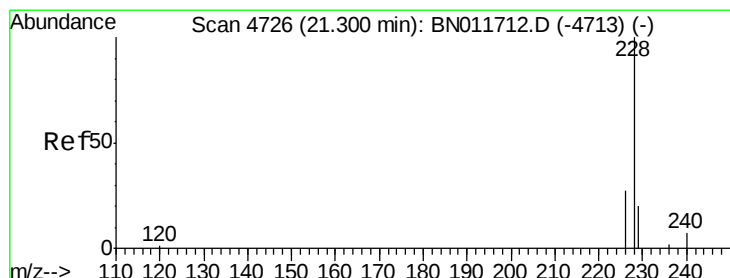
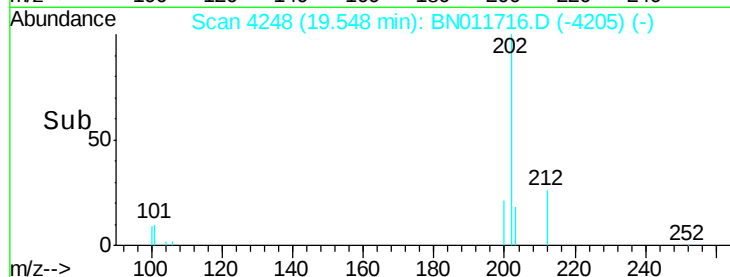
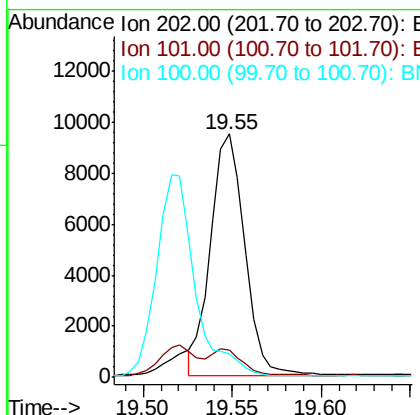
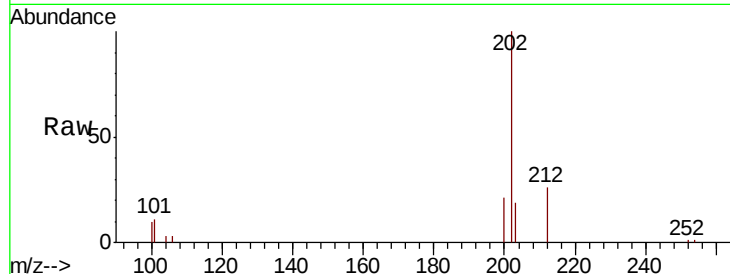
#17
Pvrene
Concen: 0.304 ng/ul m
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.3	10.9#
100	9.6	6.7	10.1

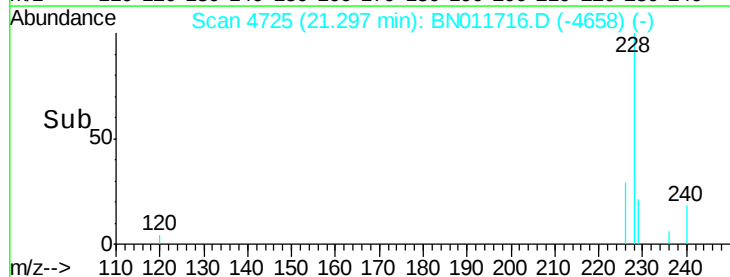
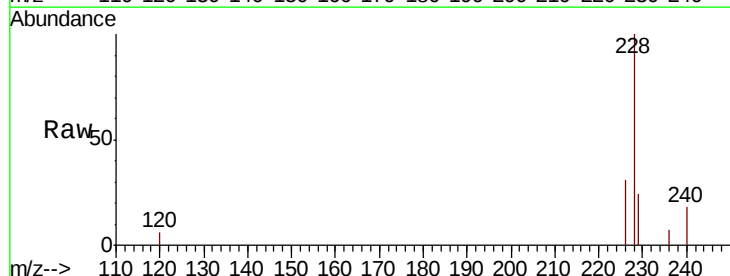
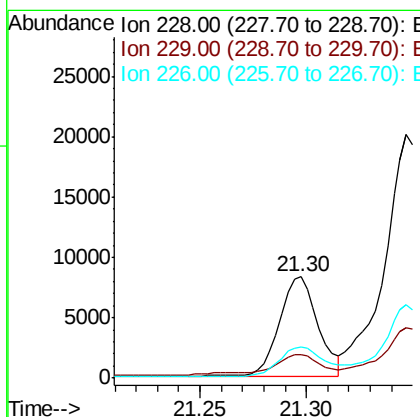
Manual Integrations
APPROVED

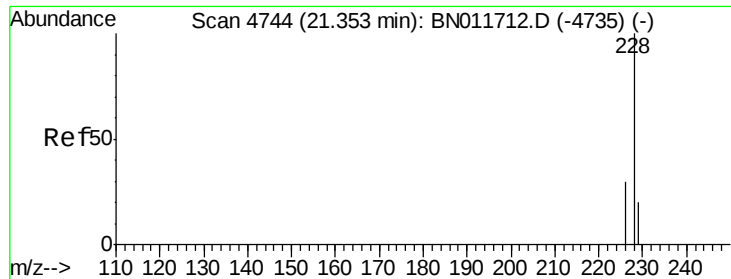
mohammad
9/8/2020 1:47:51 PM



#18
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.30 min Scan# 4725
Delta R.T. -0.00 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.7	25.1
226	30.7	22.9	34.3





#19

Chrysene

Concen: 0.573 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

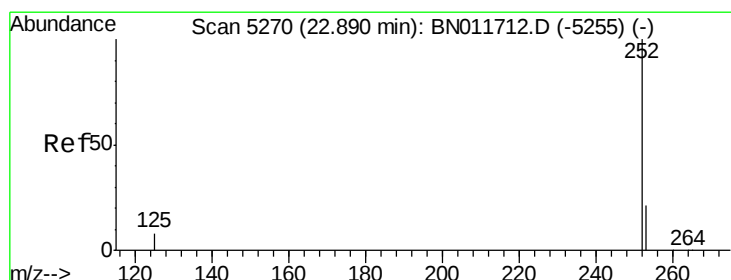
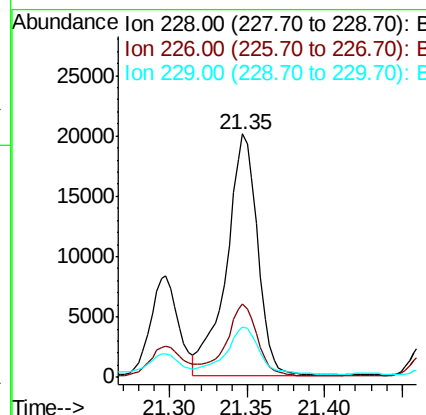
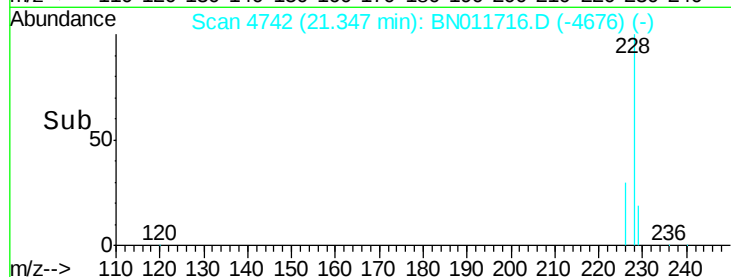
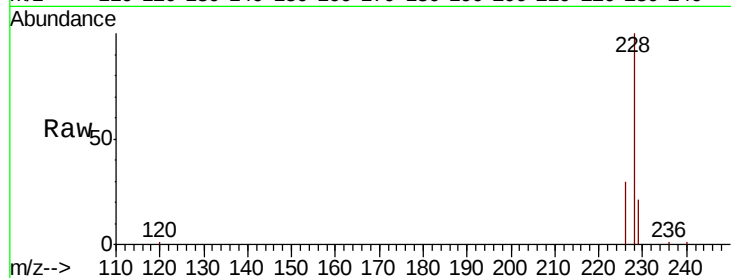
ClientSampleId :

C0AA9

Tot Ion:	228	Resp:	27819
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	20.5	16.4	24.6

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:51 PM



#21

Benzo(b)fluoranthene

Concen: 0.967 ng/ul m

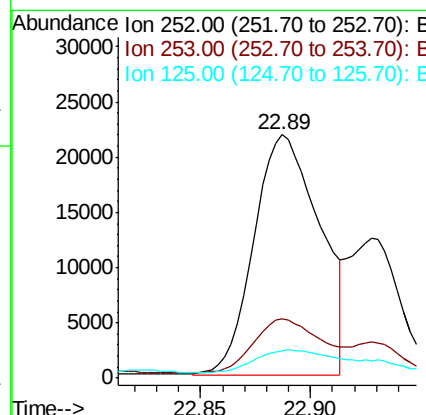
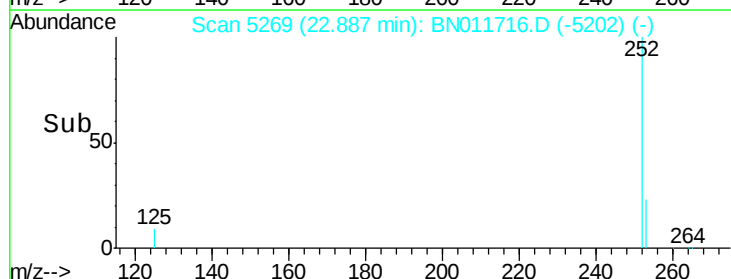
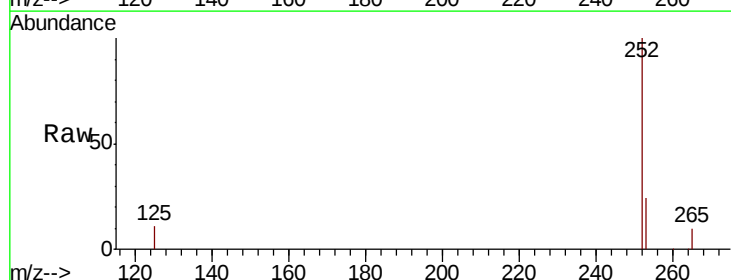
RT: 22.89 min Scan# 5269

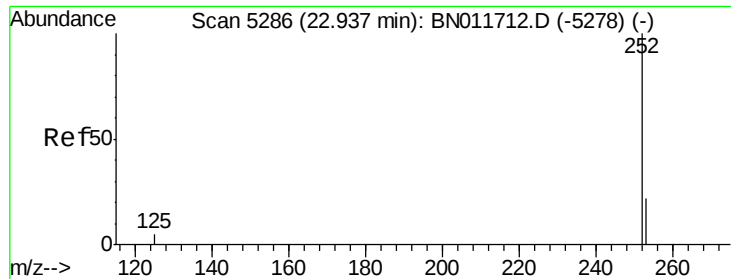
Delta R.T. -0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Tgt Ion:	252	Resp:	45526
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	54.8
125	11.2	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.396 ng/ul

RT: 22.93 min Scan# 5283

Delta R.T. -0.01 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

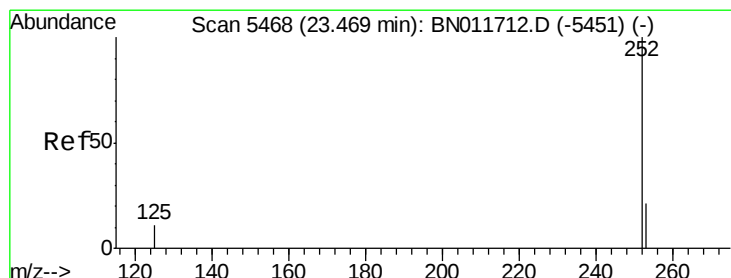
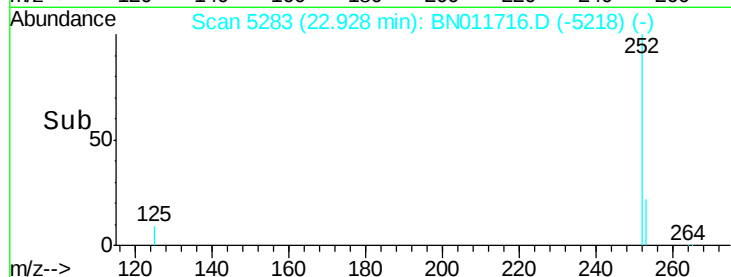
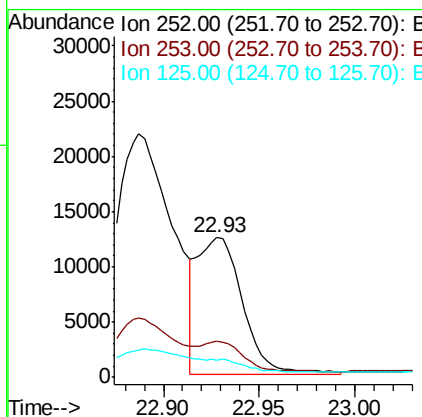
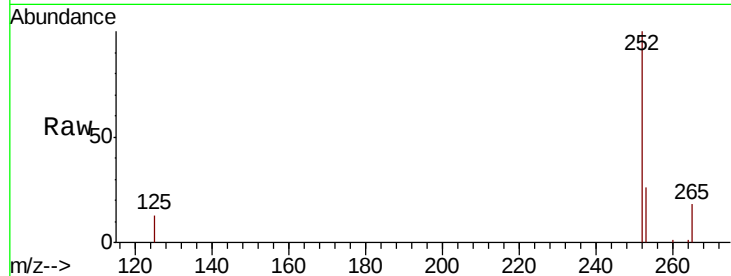
ClientSampleId :

C0AA9

Tot Ion:	252	Resp:	20613
Ion Ratio	Lower	Upper	
252	100		
253	25.8	21.8	32.6
125	12.7	9.1	13.7

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:51 PM



#23

Benzo(a)pyrene

Concen: 0.682 ng/ul

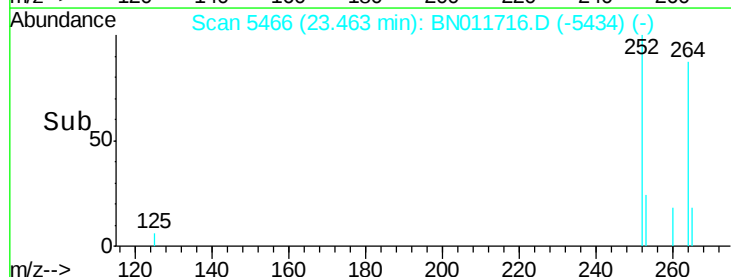
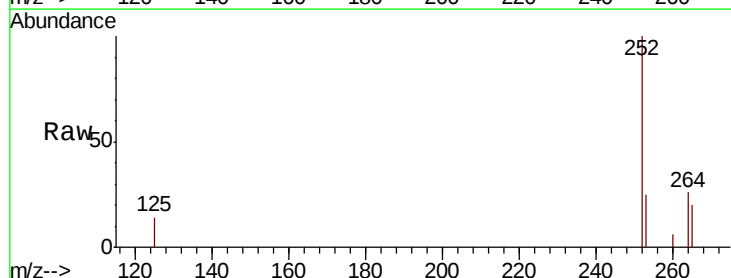
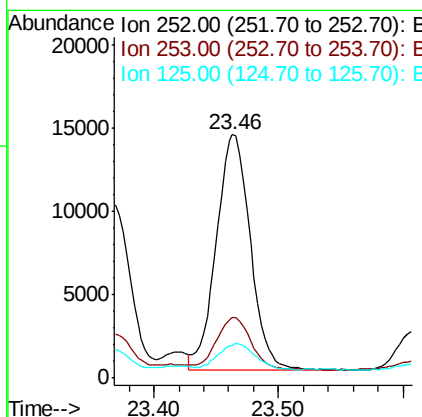
RT: 23.46 min Scan# 5466

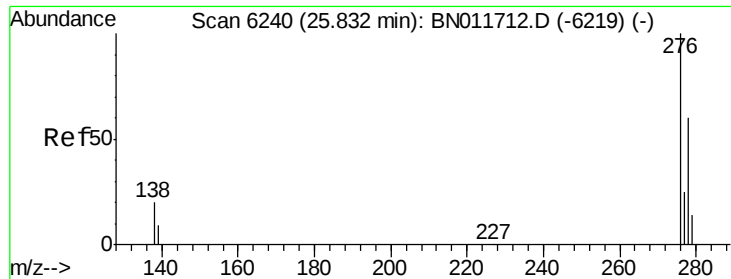
Delta R.T. -0.01 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Tgt Ion:	252	Resp:	26987
Ion Ratio	Lower	Upper	
252	100		
253	25.0	24.4	36.6
125	13.6	11.1	16.7





#24

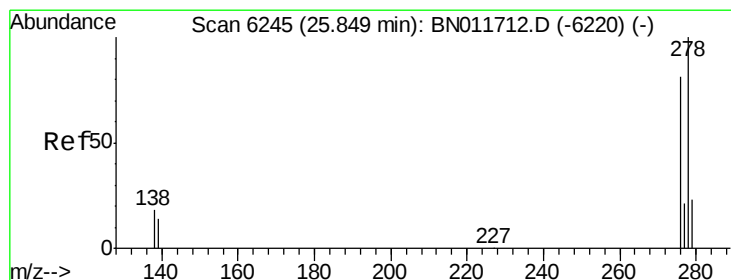
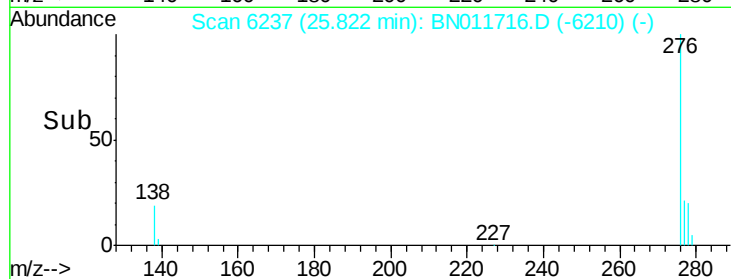
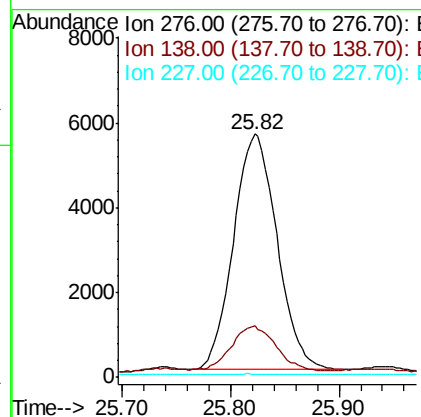
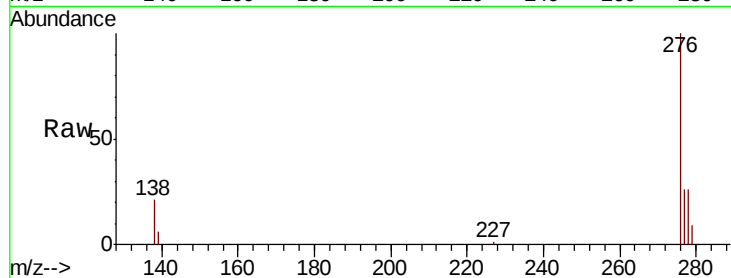
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.82 min Scan# 6237
Delta R.T. -0.01 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
227	0.2	0.2	0.2

Manual Integrations
APPROVED

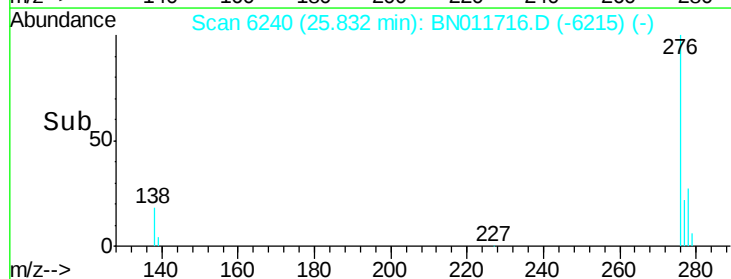
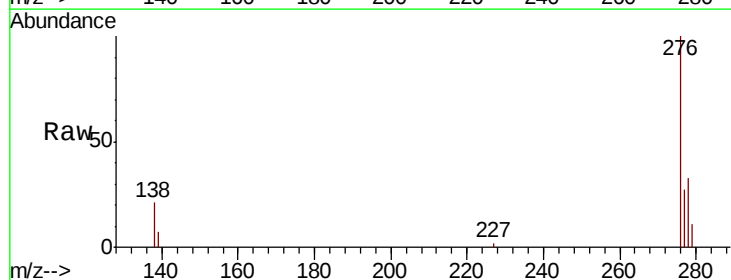
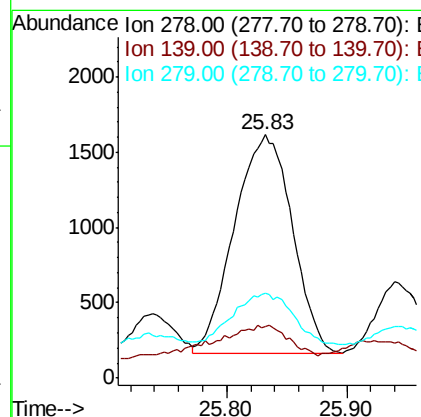
mohammad
9/8/2020 1:47:51 PM

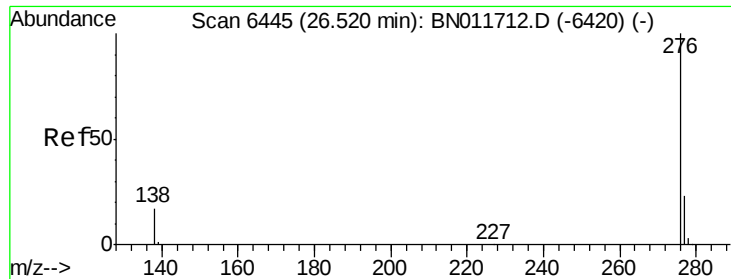


#25

Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	12.1	18.1#
279	34.8	22.9	34.3#





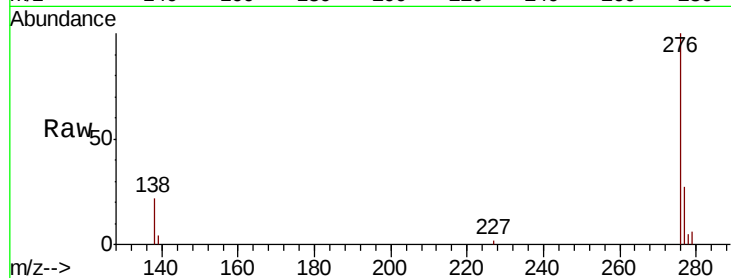
#26
Benzo(a,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.51 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Instrument :
BNA_N
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	15.8	23.6
277	27.1	20.6	31.0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:51 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

