

Data File : BN012258.D
Acq On : 16 Oct 2020 09:42
Operator : CG/JU
Sample : L4235-09DL 5X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK5DL

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM

Quant Time: Oct 16 11:13:07 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 : Fri Oct 16 10:51:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1656	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6888	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	3915	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8031	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6645	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6786	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	282	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.04	212	625	0.03	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.98	152	361	0.021	ng/ul#	54
9) Fluorene	15.31	166	367	0.023	ng/ul#	87
12) Phenanthrene	17.05	178	5681	0.222	ng/ul	99
13) Anthracene	17.14	178	1250	0.057	ng/ul#	90
15) Fluoranthene	19.07	202	11826	0.395	ng/ul	100
17) Pyrene	19.43	202	10230	0.341	ng/ul	97
18) Benzo(a)anthracene	21.19	228	5897	0.240	ng/ul	98
19) Chrysene	21.24	228	6025	0.201	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	7238m	0.264	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	3005m	0.099	ng/ul	
23) Benzo(a)pyrene	23.30	252	4951	0.186	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.57	276	3301	0.096	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	879	0.032	ng/ul#	44
26) Benzo(g,h,i)perylene	26.24	276	2799	0.089	ng/ul#	88

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

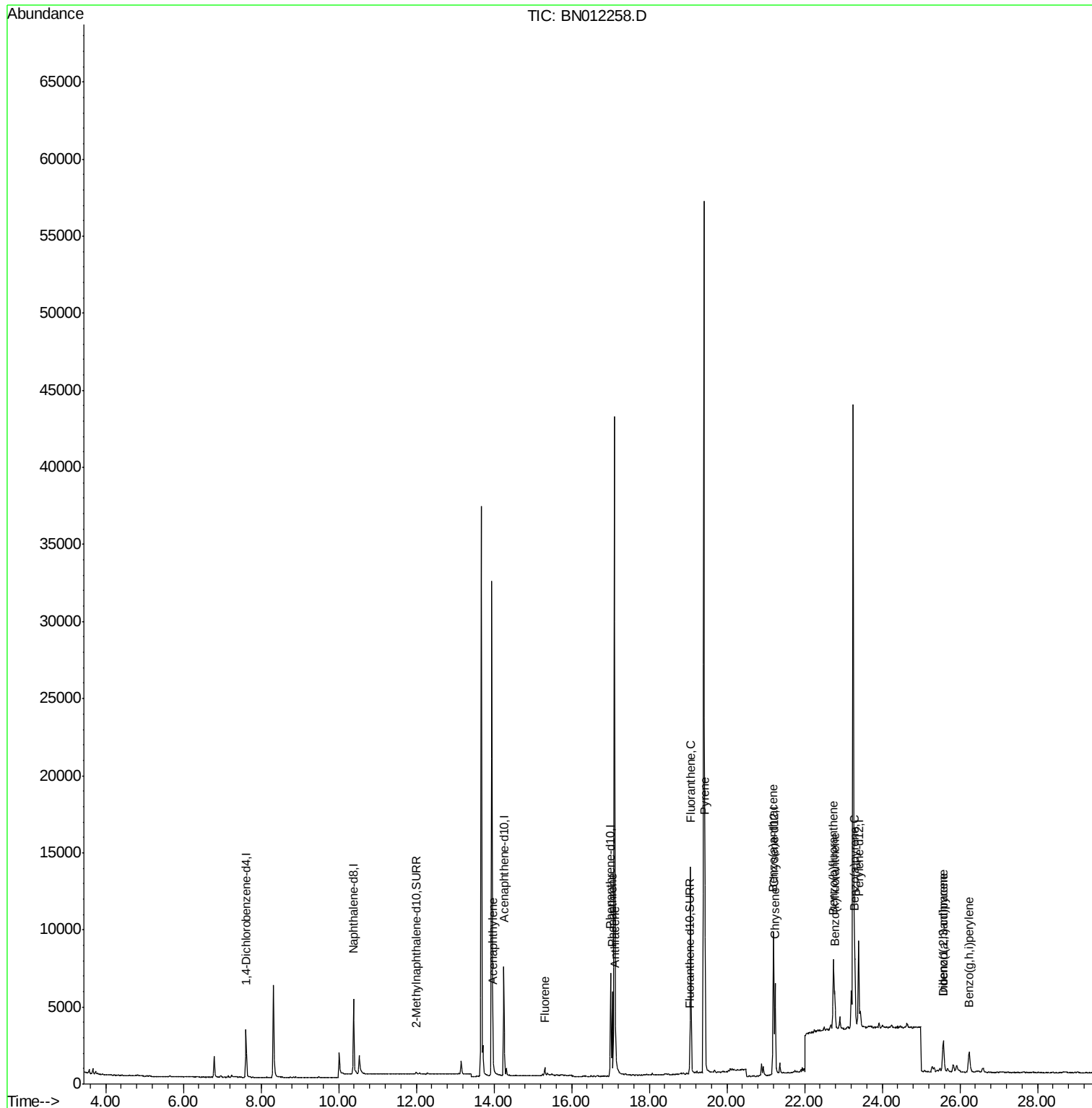
Data File : BN012258.D
Acq On : 16 Oct 2020 09:42
Operator : CG/JU
Sample : L4235-09DL 5X
Misc :
ALS Vial : 70 Sample Multiplier: 1

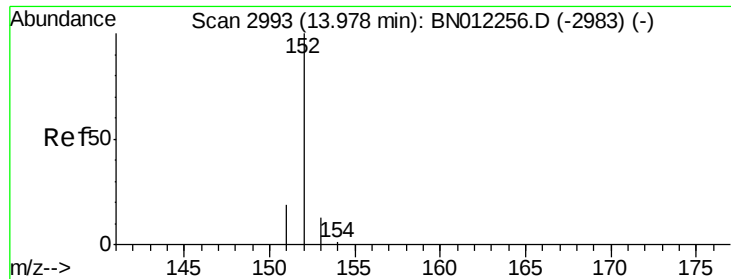
Instrument :
BNA_N
ClientSampleId :
C0AK5DL

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM

Quant Time: Oct 16 11:13:07 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 : Fri Oct 16 10:51:19 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Instrument :

BNA_N

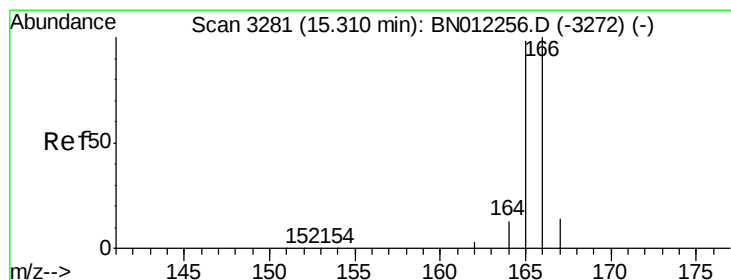
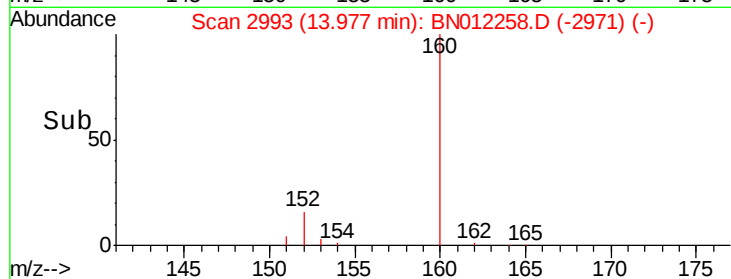
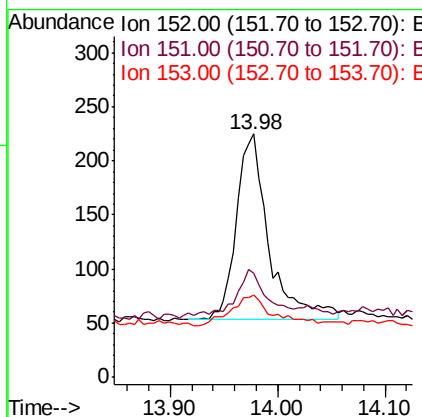
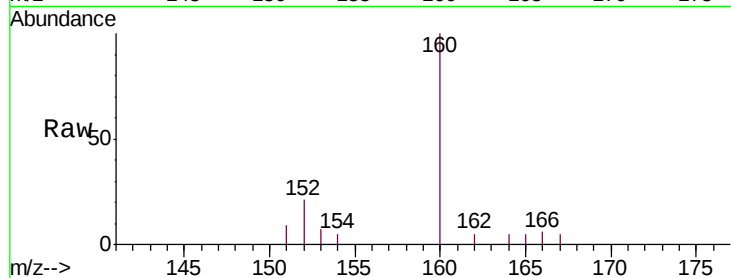
ClientSampleId :

C0AK5DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	42.7	16.7	25.1#
153	33.8	11.8	17.8#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM



#9

Fluorene

Concen: 0.023 ng/ul

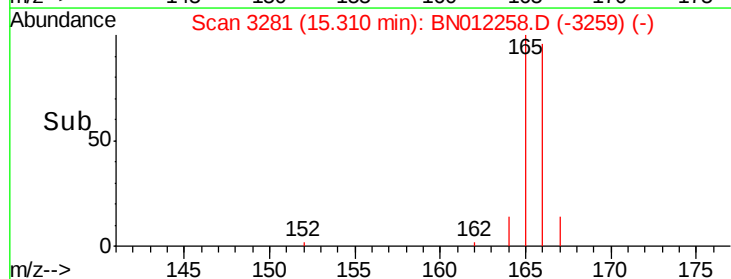
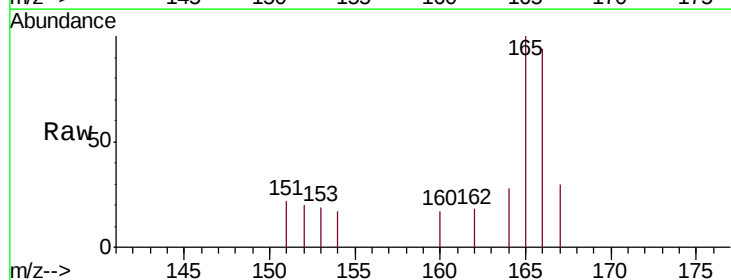
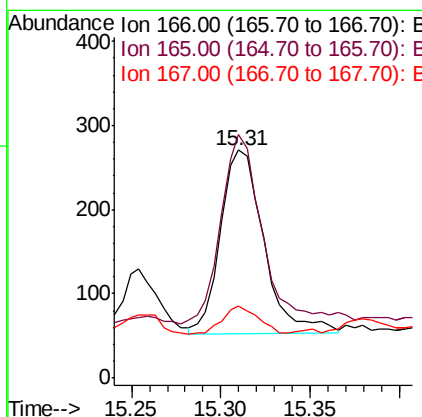
RT: 15.31 min Scan# 3281

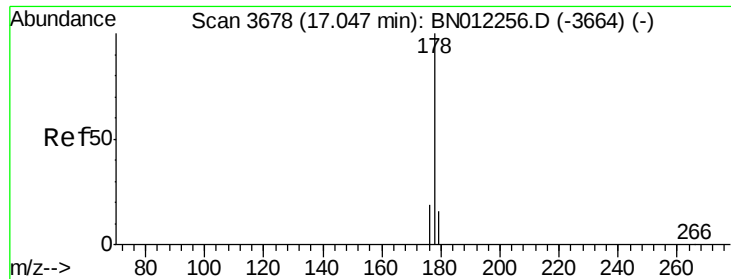
Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.6	78.6	118.0
167	31.7	11.9	17.9#





#12

Phenanthrene

Concen: 0.222 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Instrument :

BNA_N

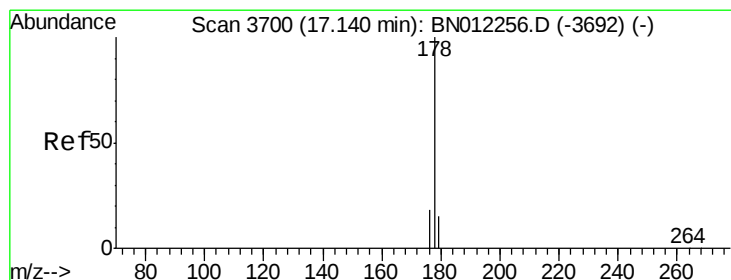
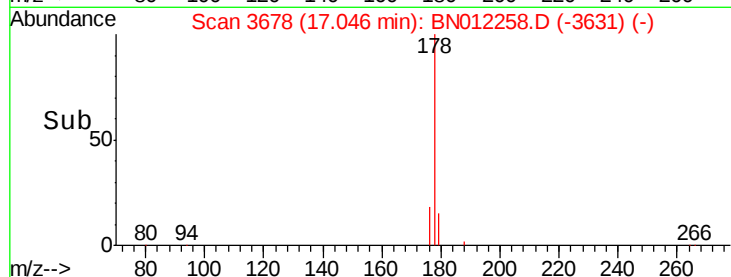
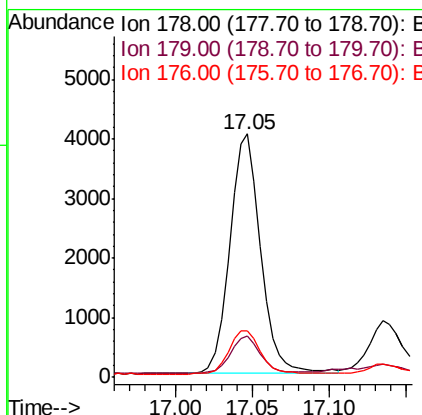
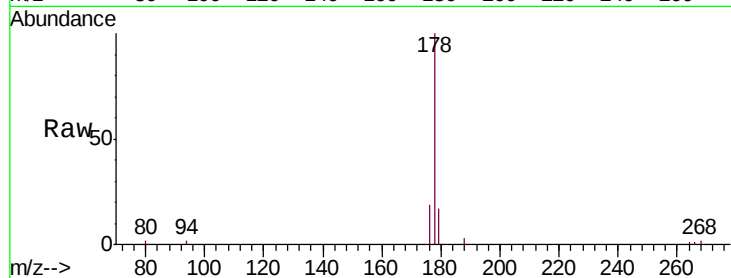
ClientSampleId :

C0AK5DL

Tgt Ion:	178	Resp:	5681
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.4	20.2
176	19.2	15.7	23.5

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM



#13

Anthracene

Concen: 0.057 ng/ul

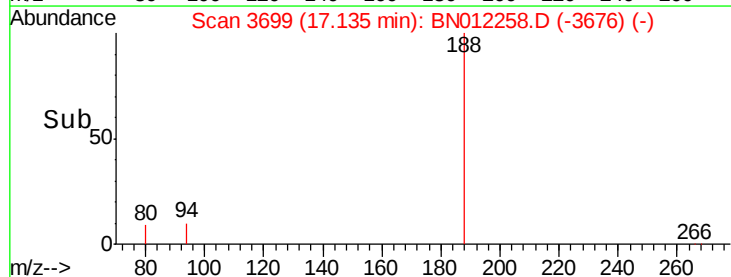
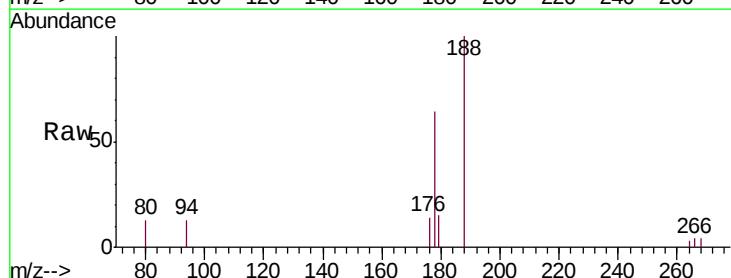
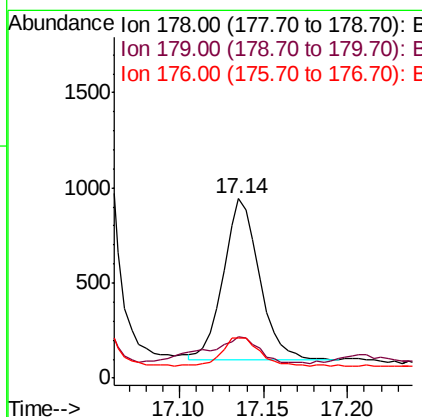
RT: 17.14 min Scan# 3699

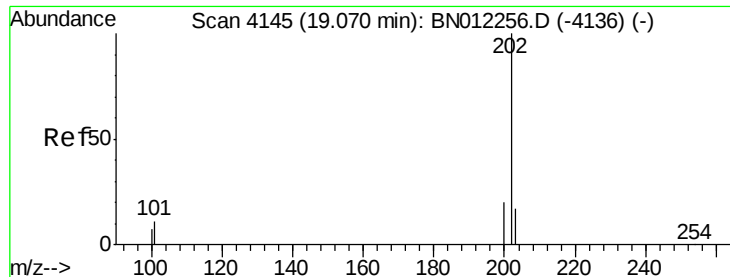
Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Tgt Ion:	178	Resp:	1250
Ion Ratio	Lower	Upper	
178	100		
179	23.2	13.9	20.9#
176	22.4	15.4	23.0





#15

Fluoranthene

Concen: 0.395 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Instrument :

BNA_N

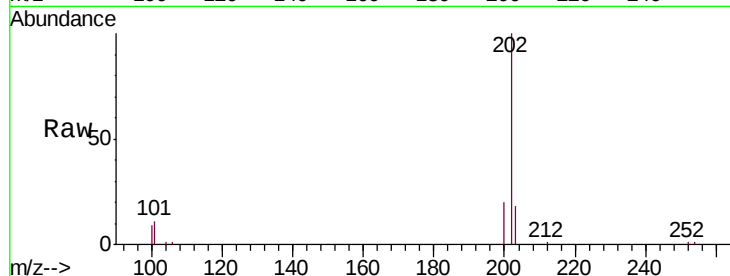
ClientSampleId :

C0AK5DL

Tgt Ion:	202	Resp:	11826
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	31.0
100	8.5	0.0	28.7

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM

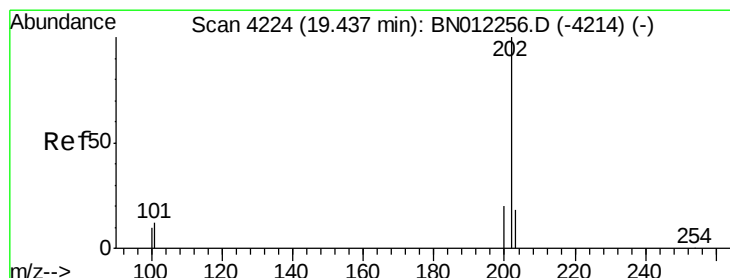
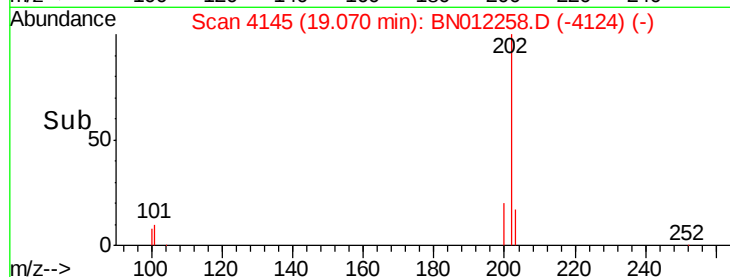
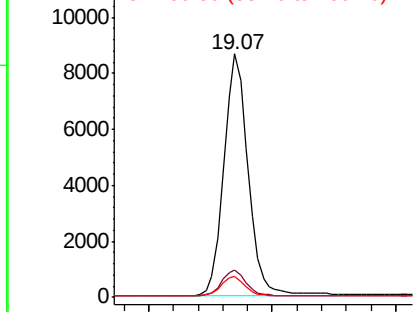


Abundance

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: 0.341 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

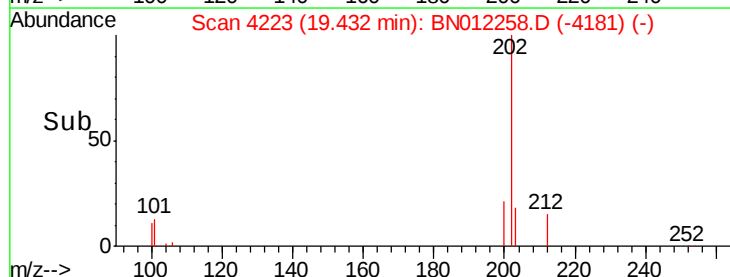
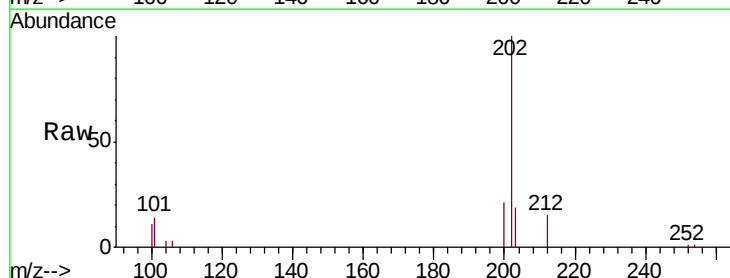
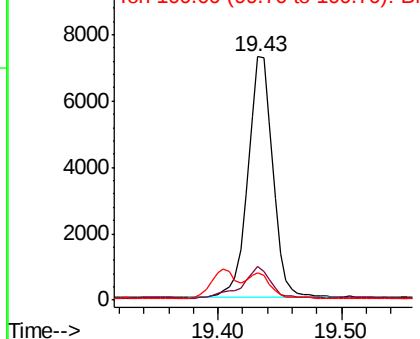
Tgt Ion:	202	Resp:	10230
Ion Ratio	Lower	Upper	
202	100		
101	13.6	9.9	14.9
100	11.3	8.0	12.0

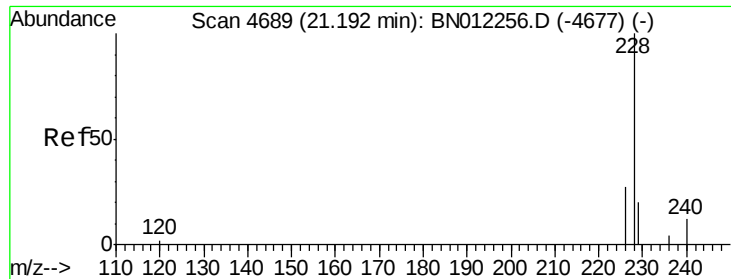
Abundance

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





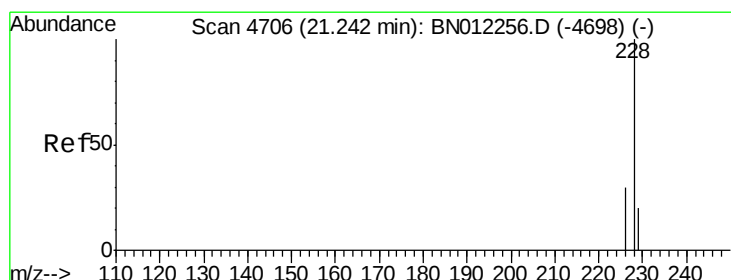
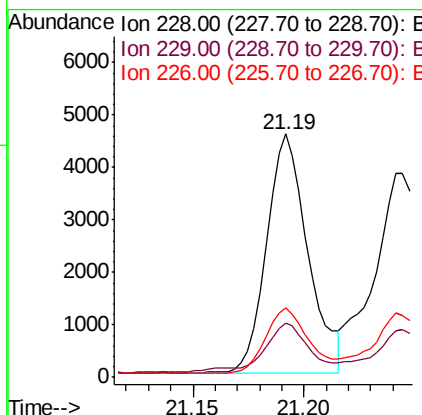
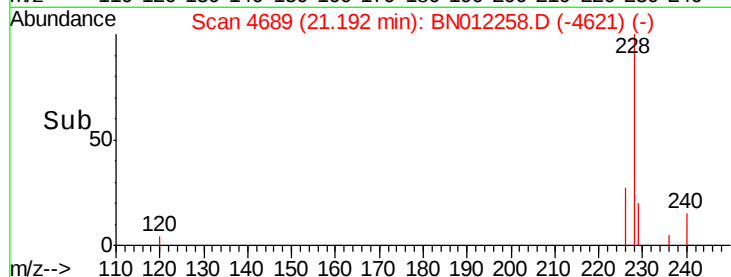
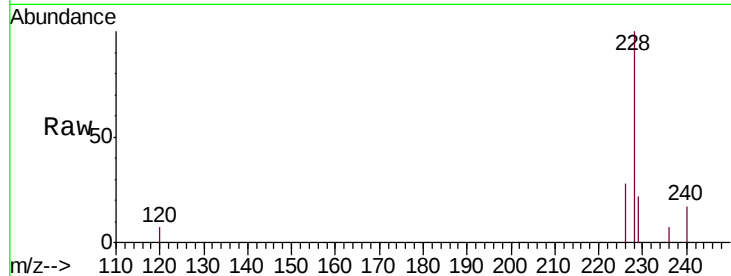
#18
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012258.D
Acq: 16 Oct 2020 09:42

Instrument :
BNA_N
ClientSampleId :
C0AK5DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.8	23.8
226	28.3	22.6	33.8

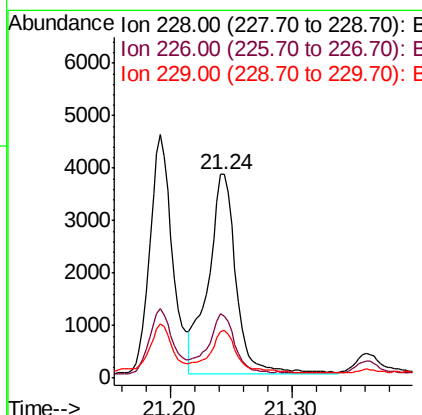
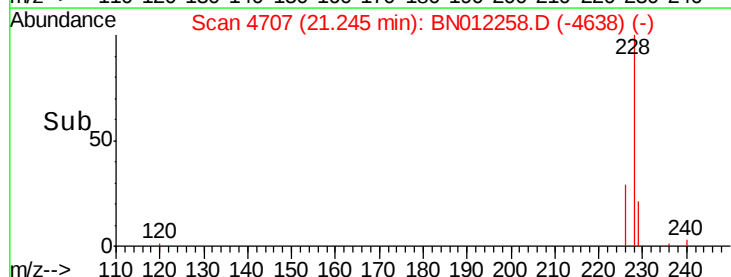
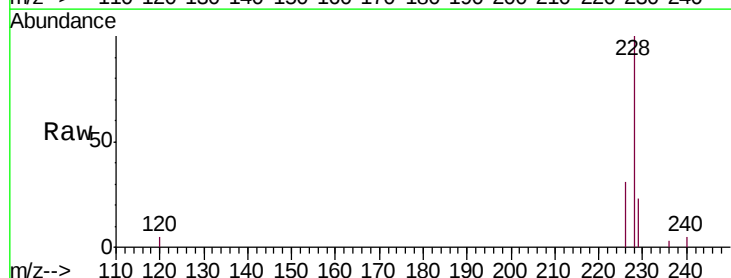
Manual Integrations
APPROVED

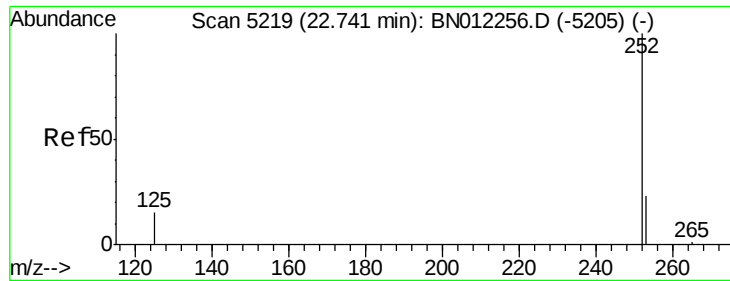
mohammad
10/19/2020 1:21:02 PM



#19
Chrysene
Concen: 0.201 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012258.D
Acq: 16 Oct 2020 09:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	23.2	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 0.264 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Instrument :

BNA_N

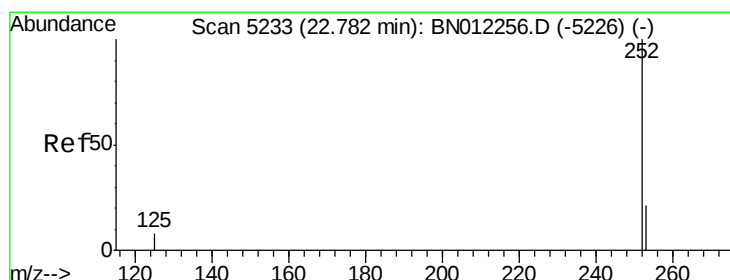
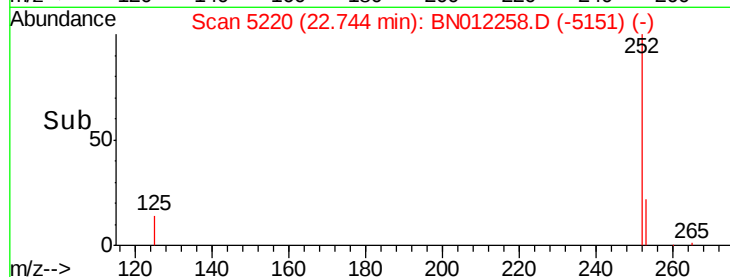
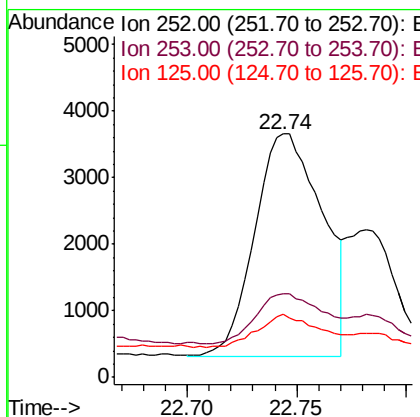
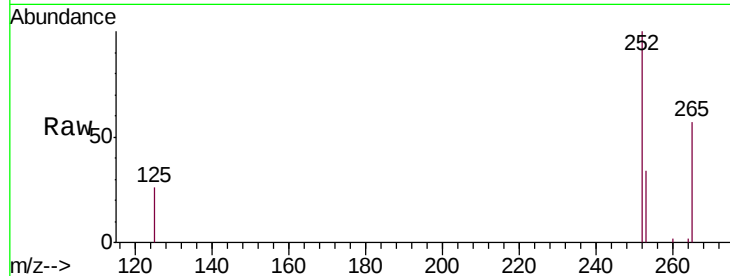
ClientSampleId :

C0AK5DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	7238		
253	34.4	0.0	61.6	
125	25.8	0.0	36.8	

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM



#22

Benzo(k)fluoranthene

Concen: 0.099 ng/ul m

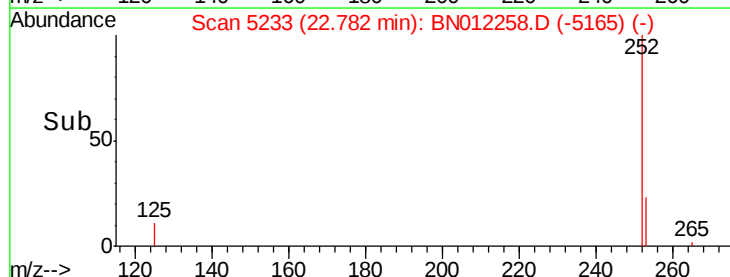
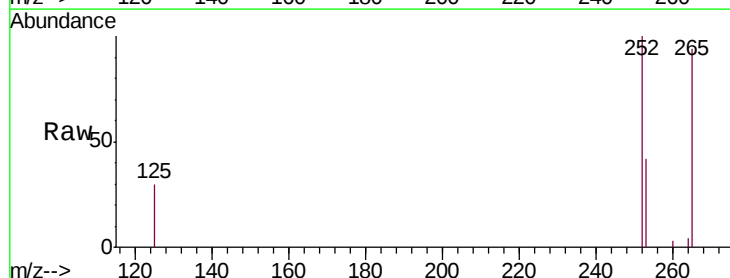
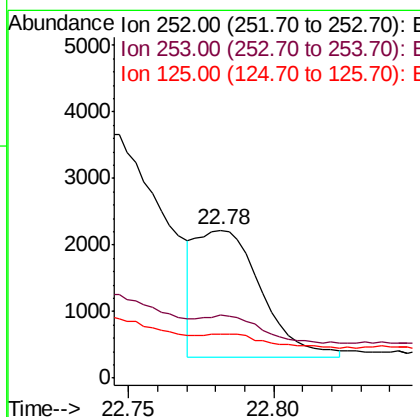
RT: 22.78 min Scan# 5233

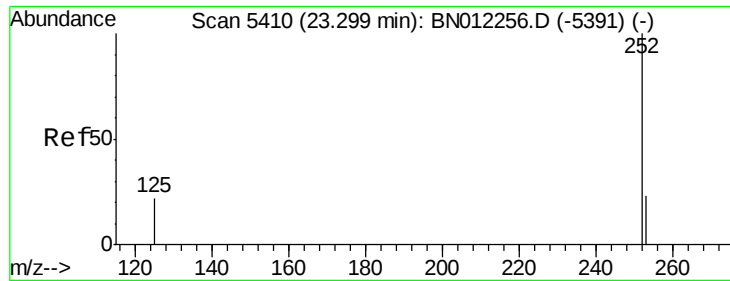
Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3005		
253	42.4	24.4	36.6#	
125	29.6	12.9	19.3#	





#23

Benzo(a)pyrene

Concen: 0.186 ng/u1

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Instrument :

BNA_N

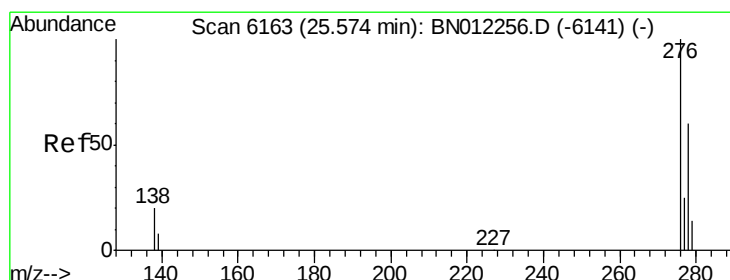
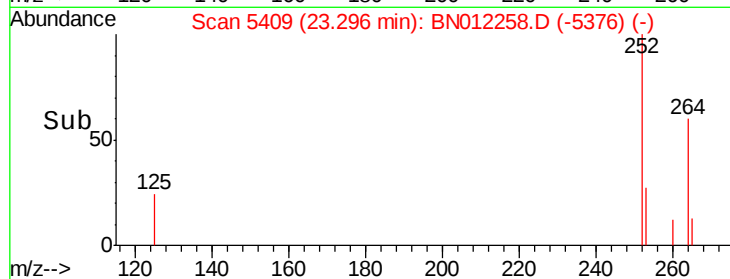
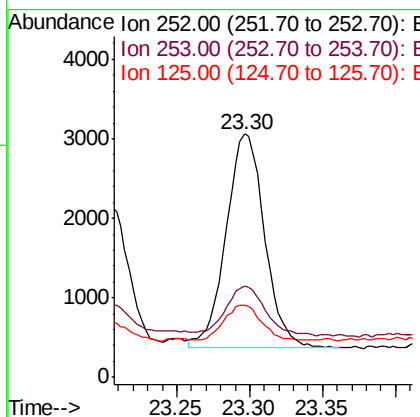
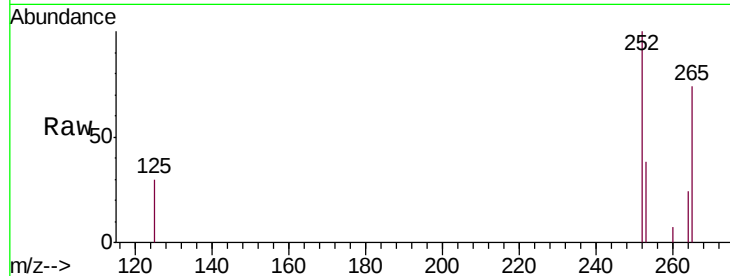
ClientSampleId :

C0AK5DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.5	27.0	40.4
125	29.7	18.8	28.2

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.096 ng/u1

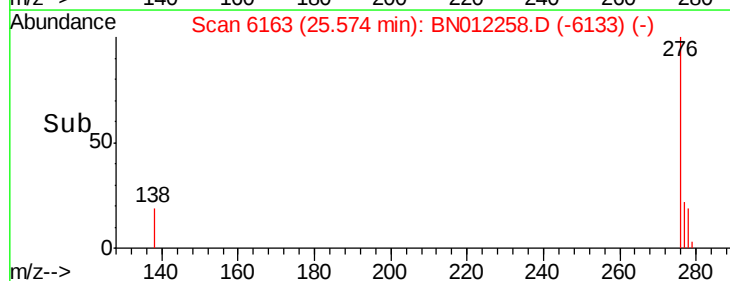
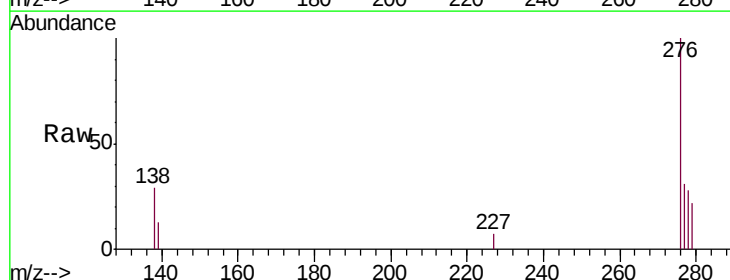
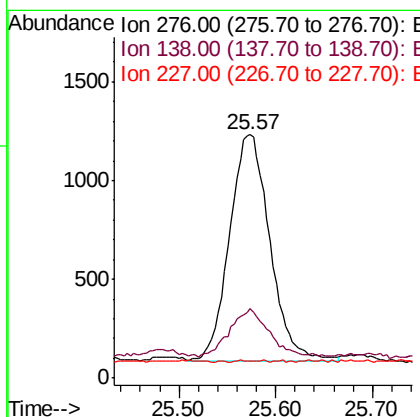
RT: 25.57 min Scan# 6163

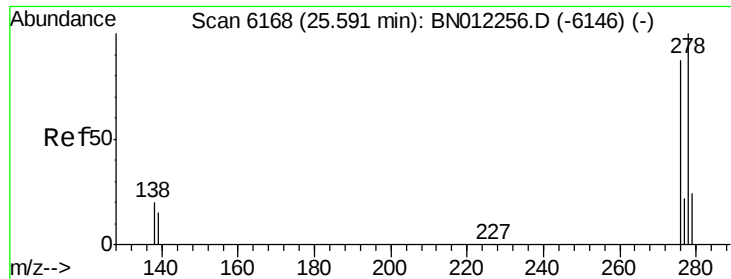
Delta R.T. -0.00 min

Lab File: BN012258.D

Acq: 16 Oct 2020 09:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	0.0	0.0
227	0.2	0.0	0.0





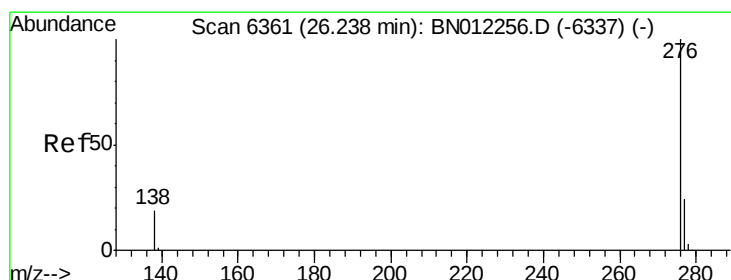
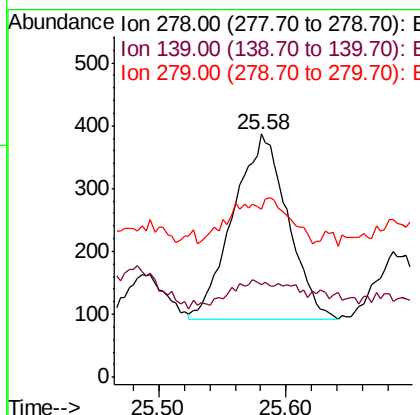
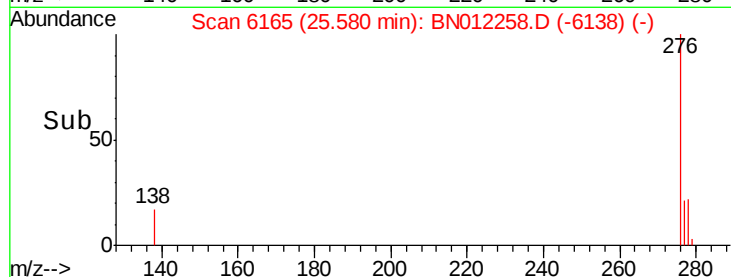
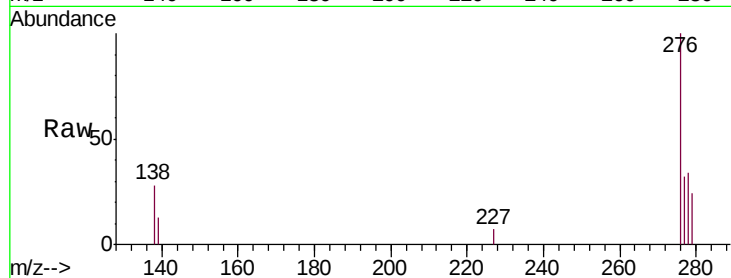
#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/u1
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012258.D
Acq: 16 Oct 2020 09:42

Instrument :
BNA_N
ClientSampleId :
C0AK5DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.0	15.7	23.5#
279	69.3	26.0	39.0#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:02 PM



#26
Benzo(g,h,i)perylene
Concen: 0.089 ng/u1
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012258.D
Acq: 16 Oct 2020 09:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	17.1	25.7#
277	31.2	21.1	31.7

