

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008939.D
 Acq On : 12 Dec 2019 11:19
 Operator : JU
 Sample : K6088-15DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP3DL

Manual Integrations
 APPROVED

mohammad
 12/13/2019 8:07:41 AM

Quant Time: Dec 12 11:53:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2793	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7657	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17699	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	15316	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15660	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	666	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2065	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.90	152	3850	0.091	ng/ul	96
9) Fluorene	15.24	166	1167	0.032	ng/ul#	98
12) Phenanthrene	16.97	178	27992	0.469	ng/ul	100
13) Anthracene	17.06	178	5341	0.095	ng/ul	98
15) Fluoranthene	18.99	202	80509	1.098	ng/ul	99
17) Pyrene	19.36	202	70940	1.155	ng/ul	97
18) Benzo(a)anthracene	21.12	228	31019	0.504	ng/ul	98
19) Chrysene	21.17	228	31097	0.514	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	42727m	0.662	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	16729m	0.261	ng/ul	
23) Benzo(a)pyrene	23.18	252	29659	0.489	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	19369	0.273	ng/ul	91
25) Dibenzo(a,h)anthracene	25.39	278	4111	0.072	ng/ul#	84
26) Benzo(g,h,i)perylene	26.02	276	18692	0.315	ng/ul	99

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

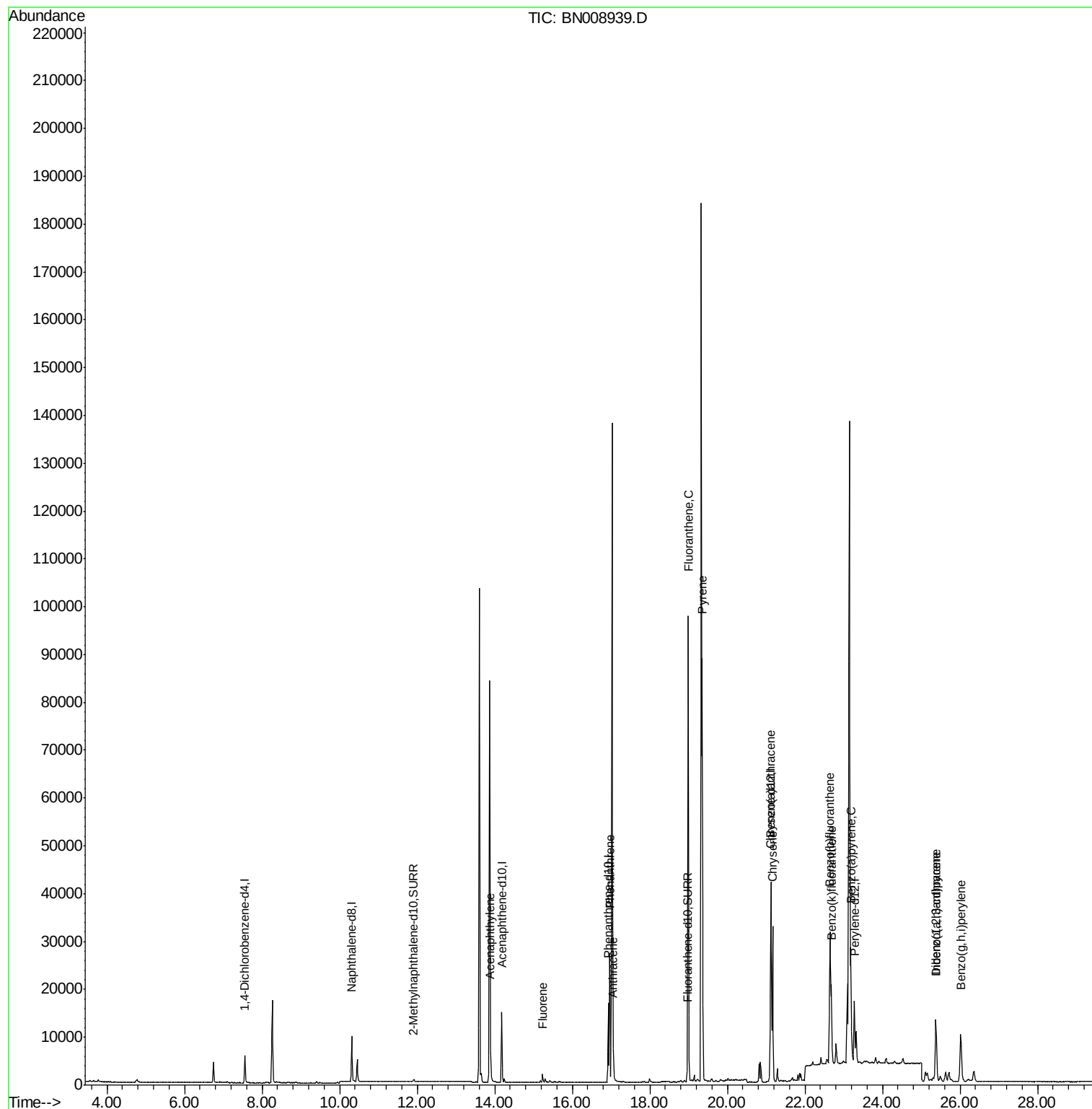
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008939.D
Acq On : 12 Dec 2019 11:19
Operator : JU
Sample : K6088-15DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

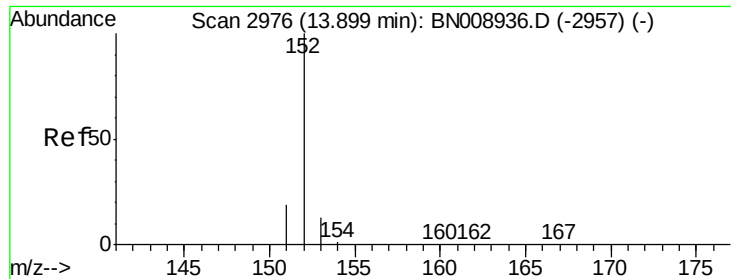
Instrument :
BNA_N
ClientSampleId :
C0BP3DL

Manual Integrations
APPROVED

mohammad
12/13/2019 8:07:41 AM

Quant Time: Dec 12 11:53:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.091 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Instrument :

BNA_N

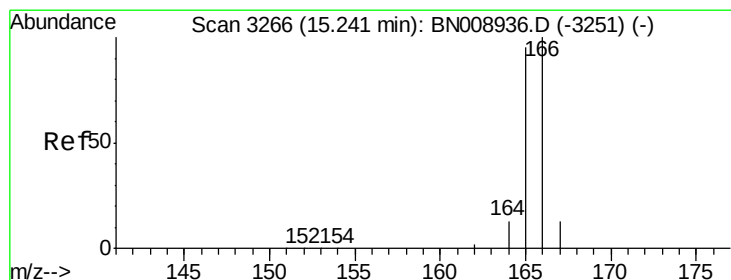
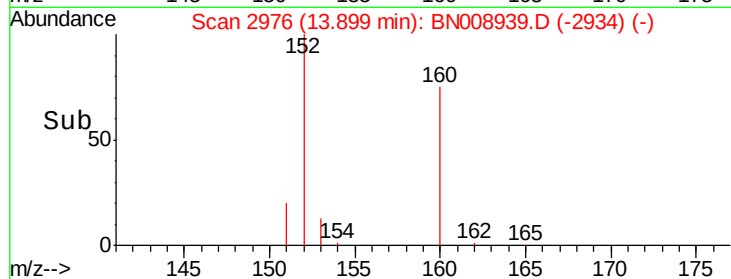
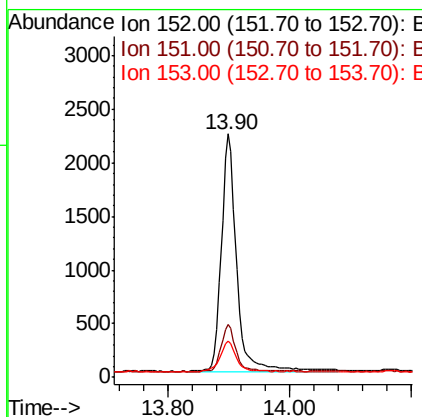
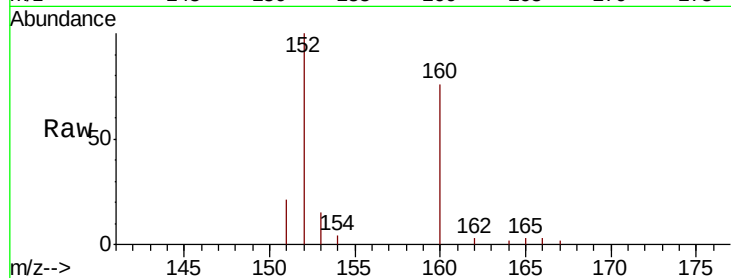
ClientSampleId :

C0BP3DL

Tot Ion:	152	Resp:	3850
Ion Ratio	Lower	Upper	
152	100		
151	21.5	15.8	23.6
153	15.1	10.6	15.8

Manual Integrations
APPROVED

mohammad
12/13/2019 8:07:41 AM



#9

Fluorene

Concen: 0.032 ng/ul

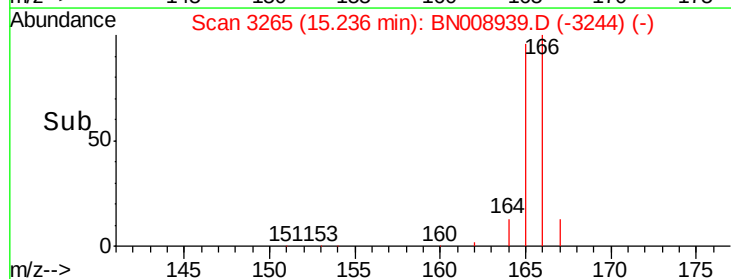
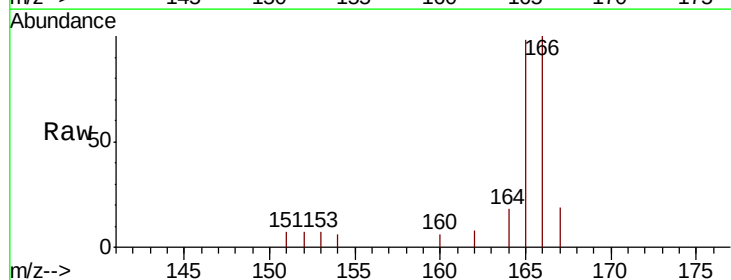
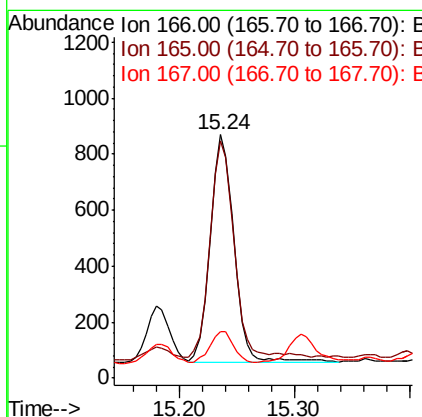
RT: 15.24 min Scan# 3265

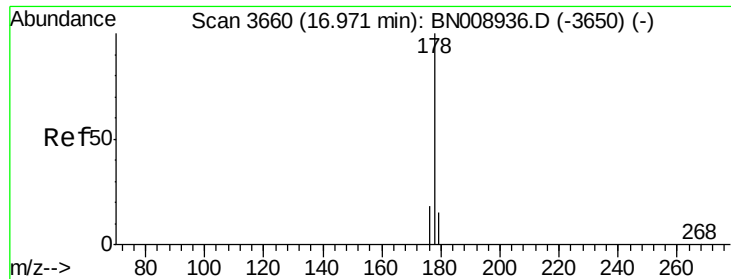
Delta R.T. -0.00 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Tgt Ion:	166	Resp:	1167
Ion Ratio	Lower	Upper	
166	100		
165	97.6	77.7	116.5
167	19.2	11.1	16.7#





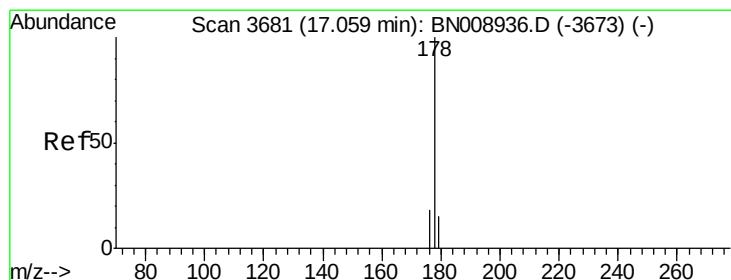
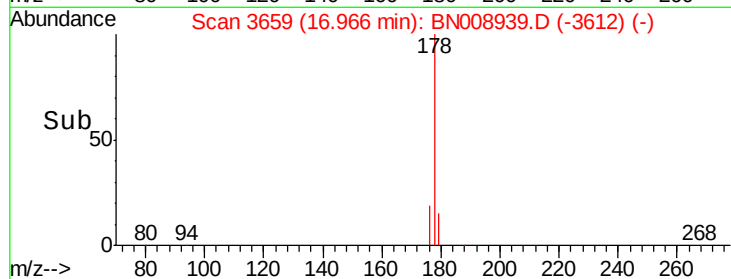
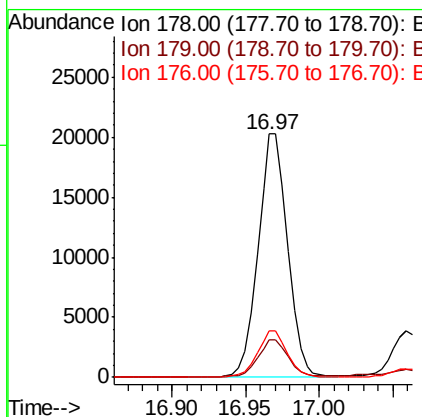
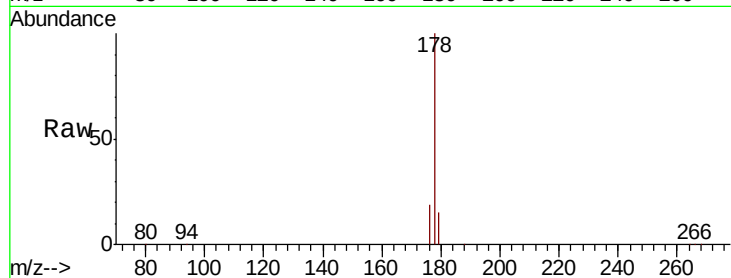
#12
Phenanthrene
Concen: 0.469 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008939.D
Acq: 12 Dec 2019 11:19

Instrument :
BNA_N
ClientSampleId :
C0BP3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	19.1	15.3	22.9

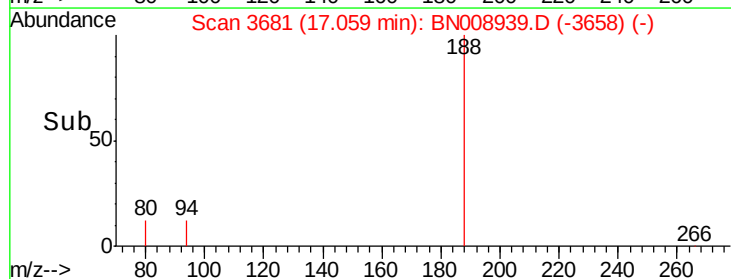
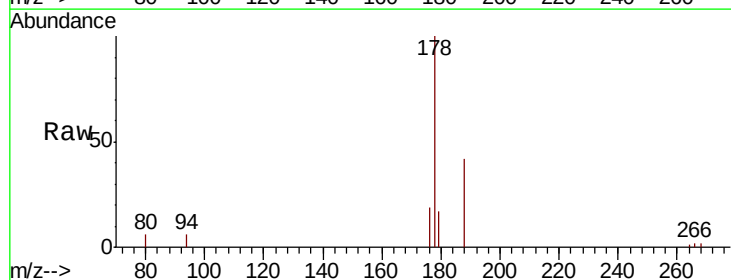
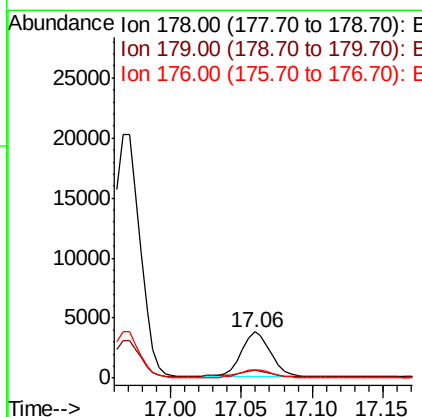
Manual Integrations
APPROVED

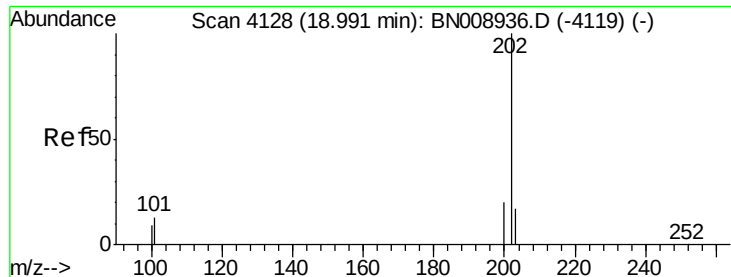
mohammad
12/13/2019 8:07:41 AM



#13
Anthracene
Concen: 0.095 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008939.D
Acq: 12 Dec 2019 11:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.2	18.4
176	18.7	14.7	22.1





#15

Fluoranthene

Concen: 1.098 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Instrument :

BNA_N

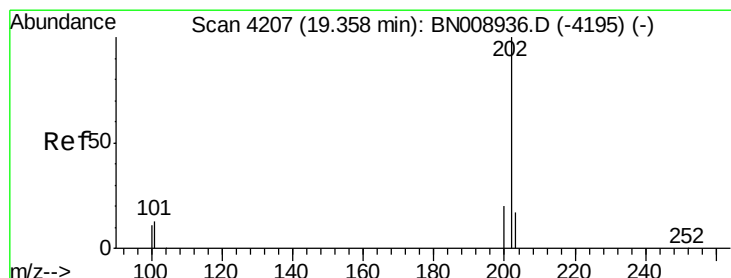
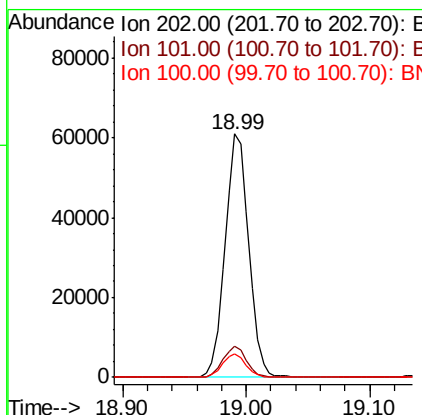
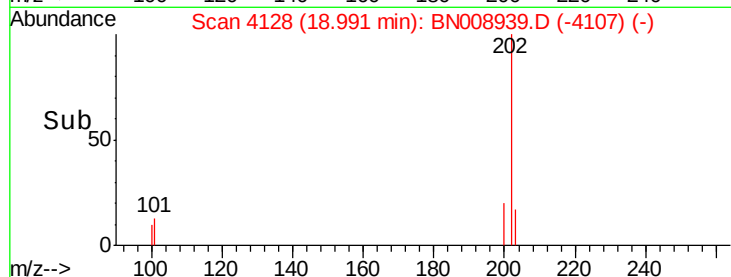
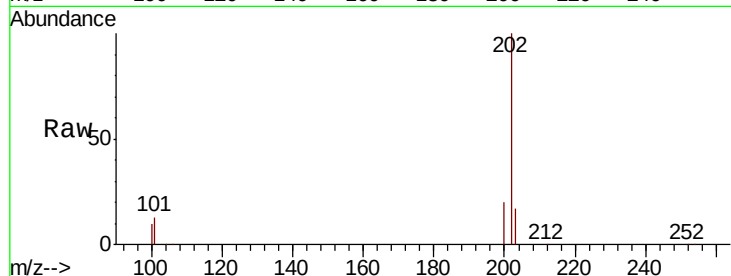
ClientSampleId :

C0BP3DL

Tot Ion:	202	Resp:	80509
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	32.4
100	9.8	0.0	29.2

Manual Integrations
APPROVED

mohammad
12/13/2019 8:07:41 AM



#17

Pyrene

Concen: 1.155 ng/ul

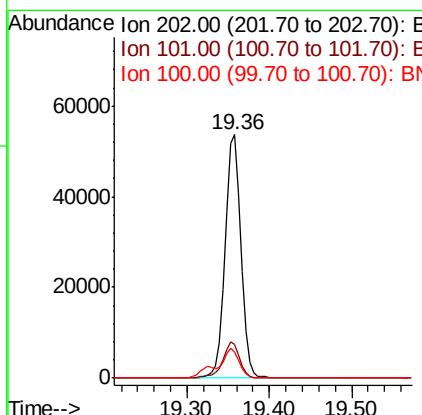
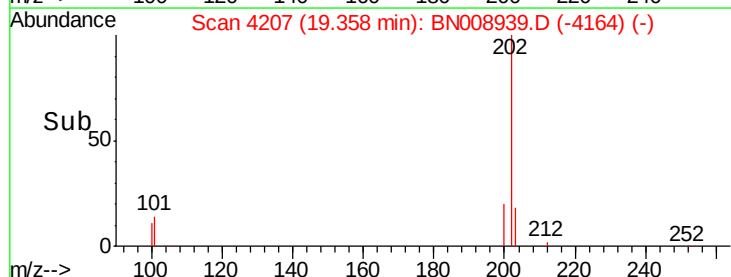
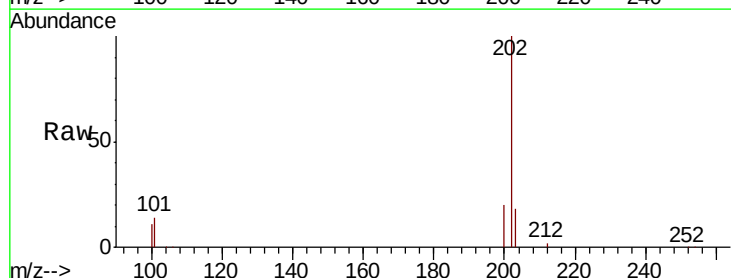
RT: 19.36 min Scan# 4207

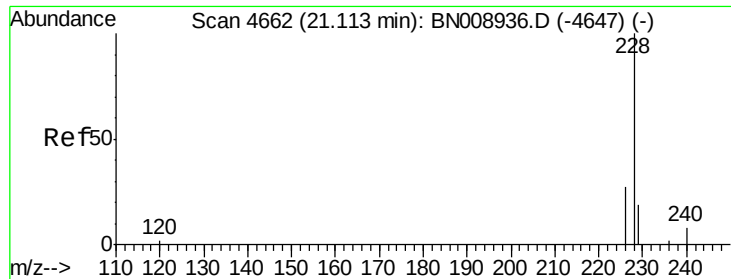
Delta R.T. 0.00 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Tgt Ion:	202	Resp:	70940
Ion Ratio	Lower	Upper	
202	100		
101	13.6	12.2	18.4
100	10.9	9.5	14.3





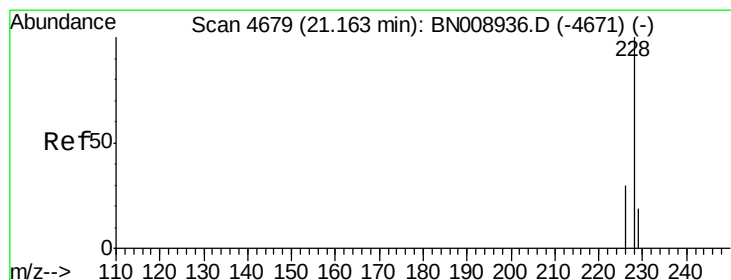
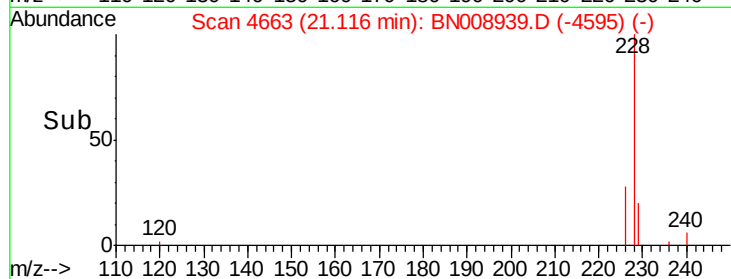
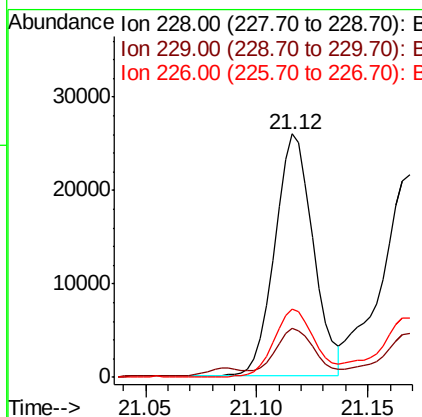
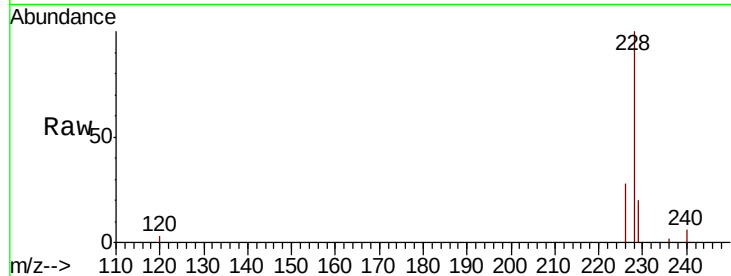
#18
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008939.D
Acq: 12 Dec 2019 11:19

Instrument :
BNA_N
ClientSampleId :
C0BP3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	28.0	21.5	32.3

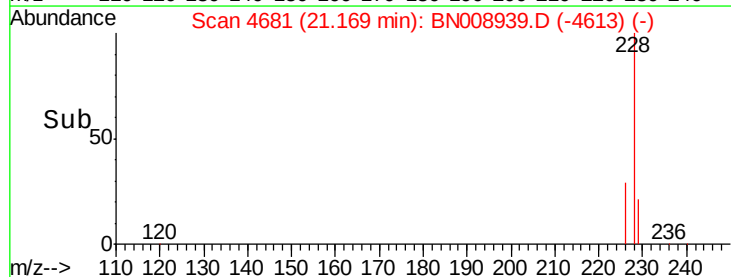
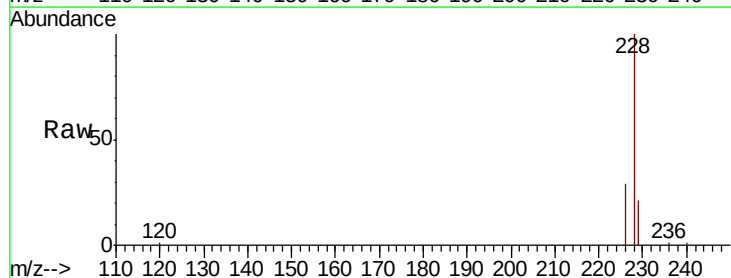
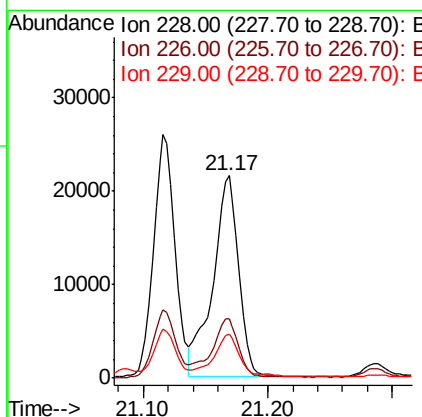
Manual Integrations
APPROVED

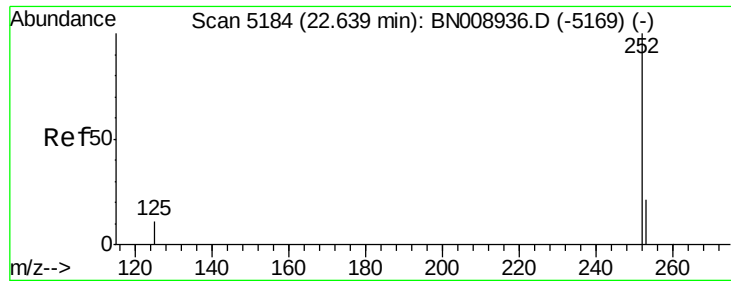
mohammad
12/13/2019 8:07:41 AM



#19
Chrysene
Concen: 0.514 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008939.D
Acq: 12 Dec 2019 11:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	21.4	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 0.662 ng/ul m

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Instrument :

BNA_N

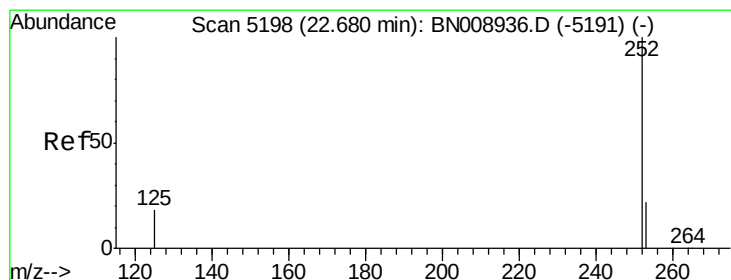
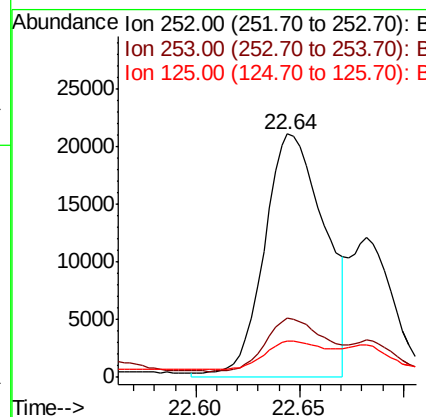
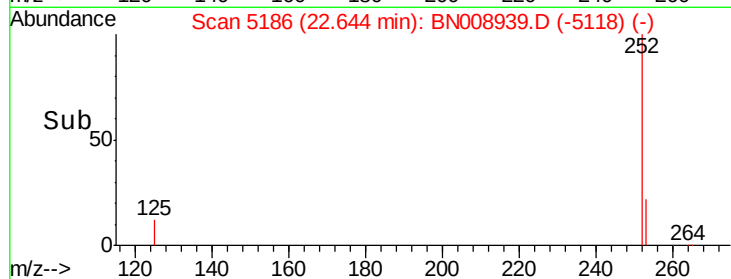
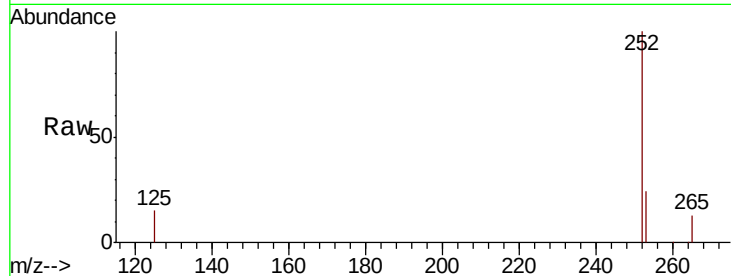
ClientSampleId :

C0BP3DL

Tot Ion:	252	Resp:	42727
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	48.6
125	14.7	0.0	31.6

Manual Integrations
APPROVED

mohammad
12/13/2019 8:07:41 AM



#22

Benzo(k)fluoranthene

Concen: 0.261 ng/ul m

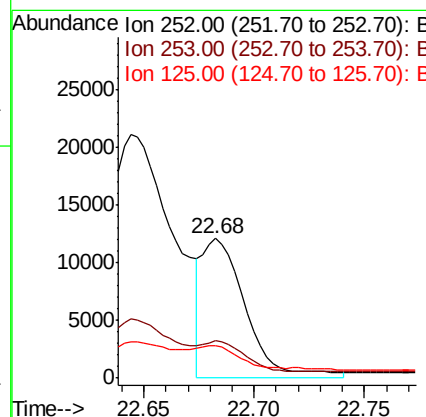
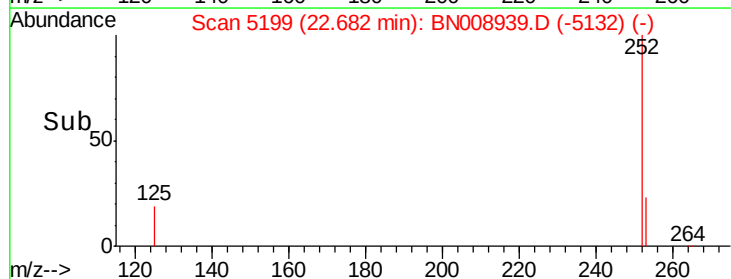
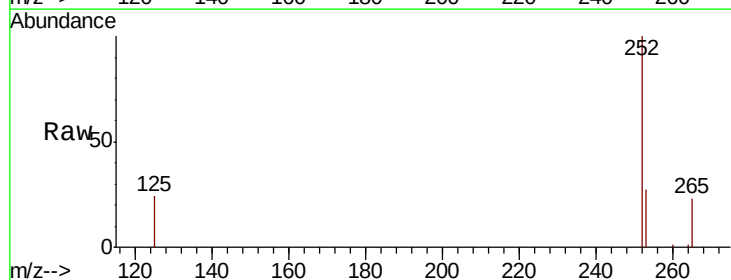
RT: 22.68 min Scan# 5199

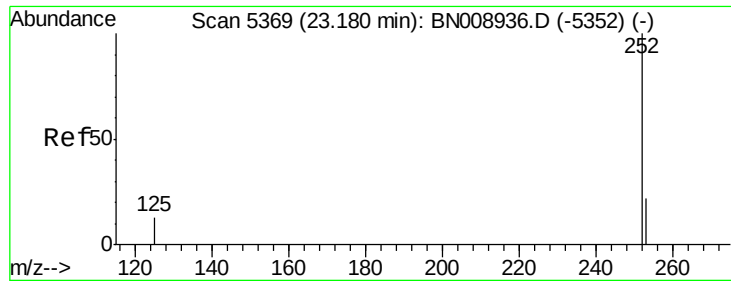
Delta R.T. -0.01 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Tgt Ion:	252	Resp:	16729
Ion Ratio	Lower	Upper	
252	100		
253	26.7	19.6	29.4
125	23.5	13.8	20.6#





#23

Benzo(a)pyrene

Concen: 0.489 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Instrument :

BNA_N

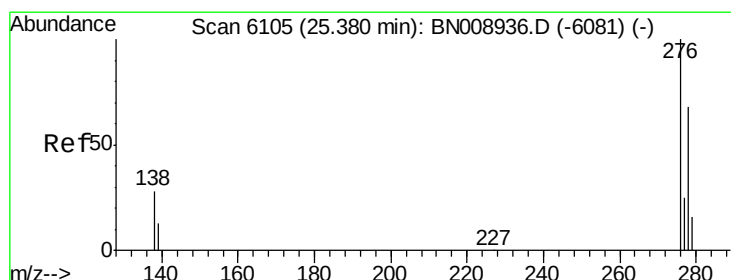
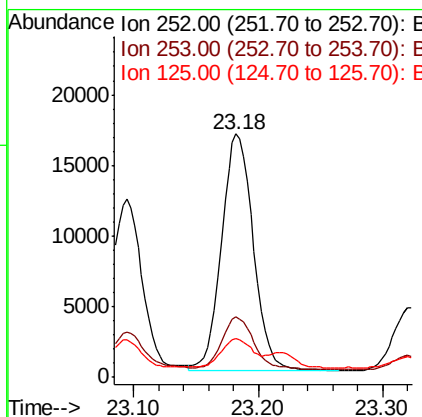
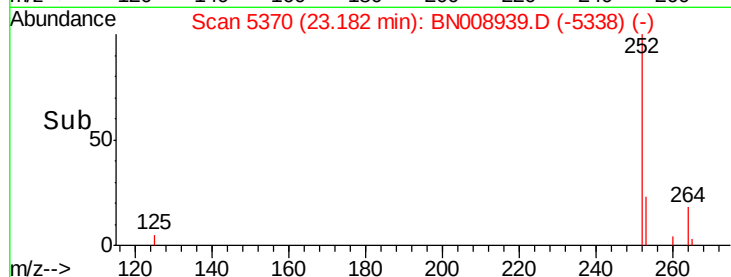
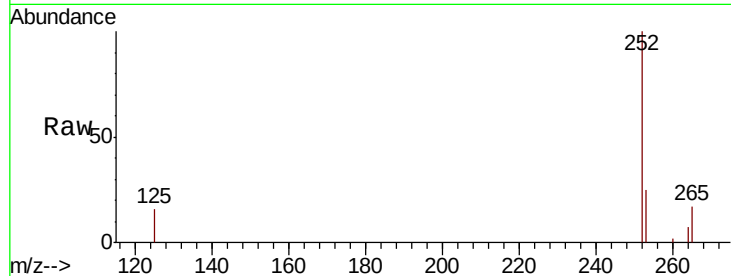
ClientSampleId :

C0BP3DL

Tot Ion:	252	Resp:	29659
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.9	29.9
125	16.1	14.6	22.0

Manual Integrations
APPROVED

mohammad
12/13/2019 8:07:41 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.273 ng/ul

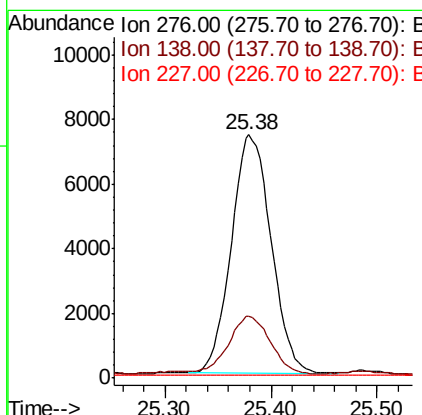
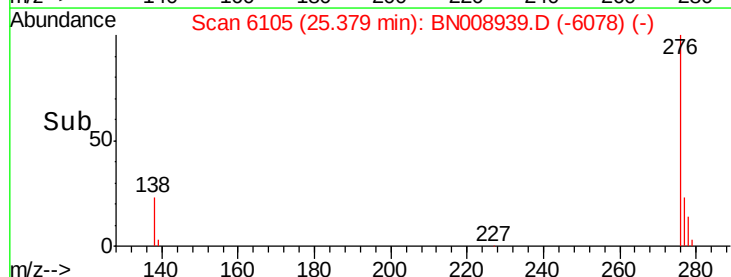
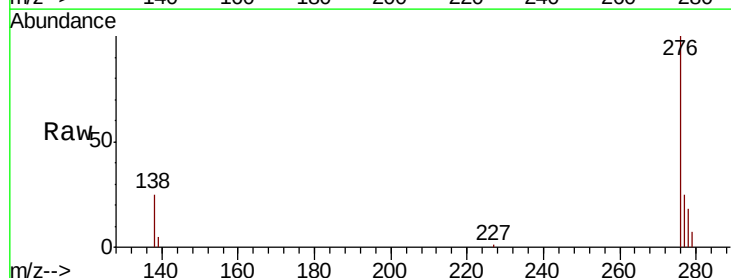
RT: 25.38 min Scan# 6105

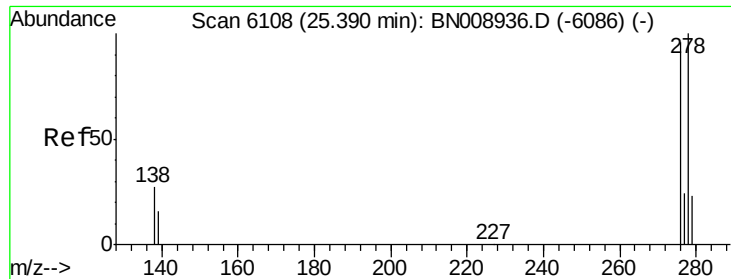
Delta R.T. -0.01 min

Lab File: BN008939.D

Acq: 12 Dec 2019 11:19

Tgt Ion:	276	Resp:	19369
Ion Ratio	Lower	Upper	
276	100		
138	24.9	23.8	35.6
227	0.2	0.2	0.2





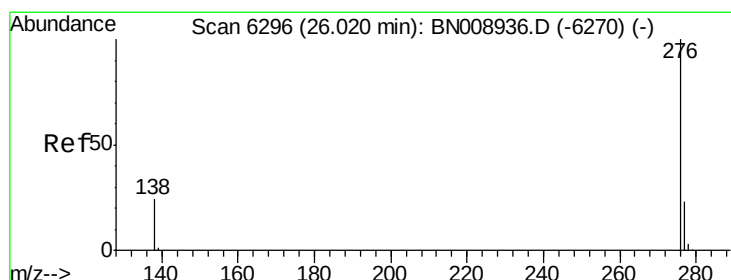
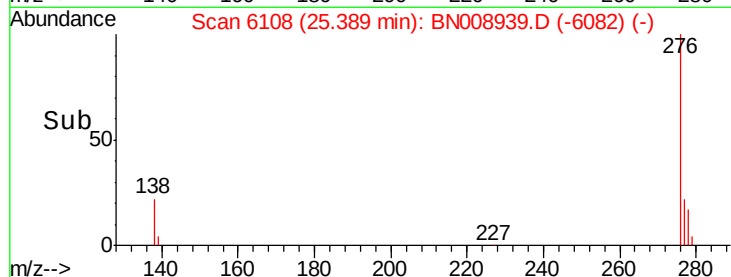
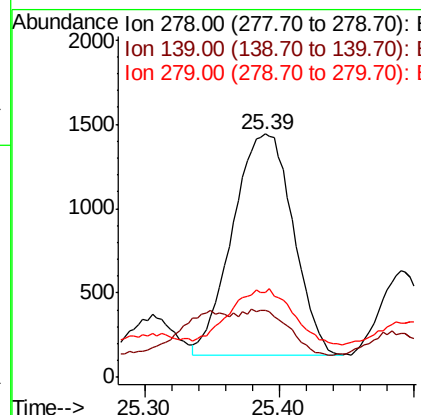
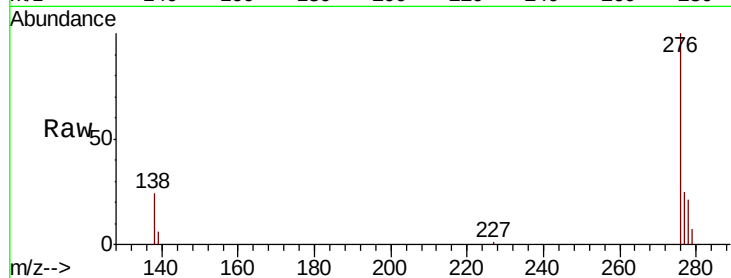
#25
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008939.D
Acq: 12 Dec 2019 11:19

Instrument :
BNA_N
ClientSampleId :
C0BP3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.4	17.4	26.0#
279	35.0	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/13/2019 8:07:41 AM



#26
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008939.D
Acq: 12 Dec 2019 11:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.9	32.9
277	25.0	19.9	29.9

