

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009077.D
 Acq On : 20 Dec 2019 21:03
 Operator : JU
 Sample : K6171-08DL 10X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BT0DL

Manual Integrations
 APPROVED

mohammad
 12/23/2019 11:54:44 AM

Quant Time: Dec 20 23:35:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 23:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15068	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	7853	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	14452	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8039	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8110	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	422	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	688	0.02	ng/ul	0.00
Target Compounds						
					Ovalue	
12) Phenanthrene	16.95	178	14129	0.281	ng/ul	100
13) Anthracene	17.04	178	2213	0.049	ng/ul#	90
15) Fluoranthene	18.98	202	31173	0.542	ng/ul	99
17) Pyrene	19.34	202	25116	0.612	ng/ul	98
18) Benzo(a)anthracene	21.10	228	9601	0.269	ng/ul	97
19) Chrysene	21.15	228	10970	0.306	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	12967m	0.342	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	5374m	0.141	ng/ul	
23) Benzo(a)pyrene	23.16	252	8748	0.264	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.35	276	6381	0.177	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.35	278	1489	0.052	ng/ul#	54
26) Benzo(g,h,i)perylene	25.99	276	6412	0.211	ng/ul	95

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

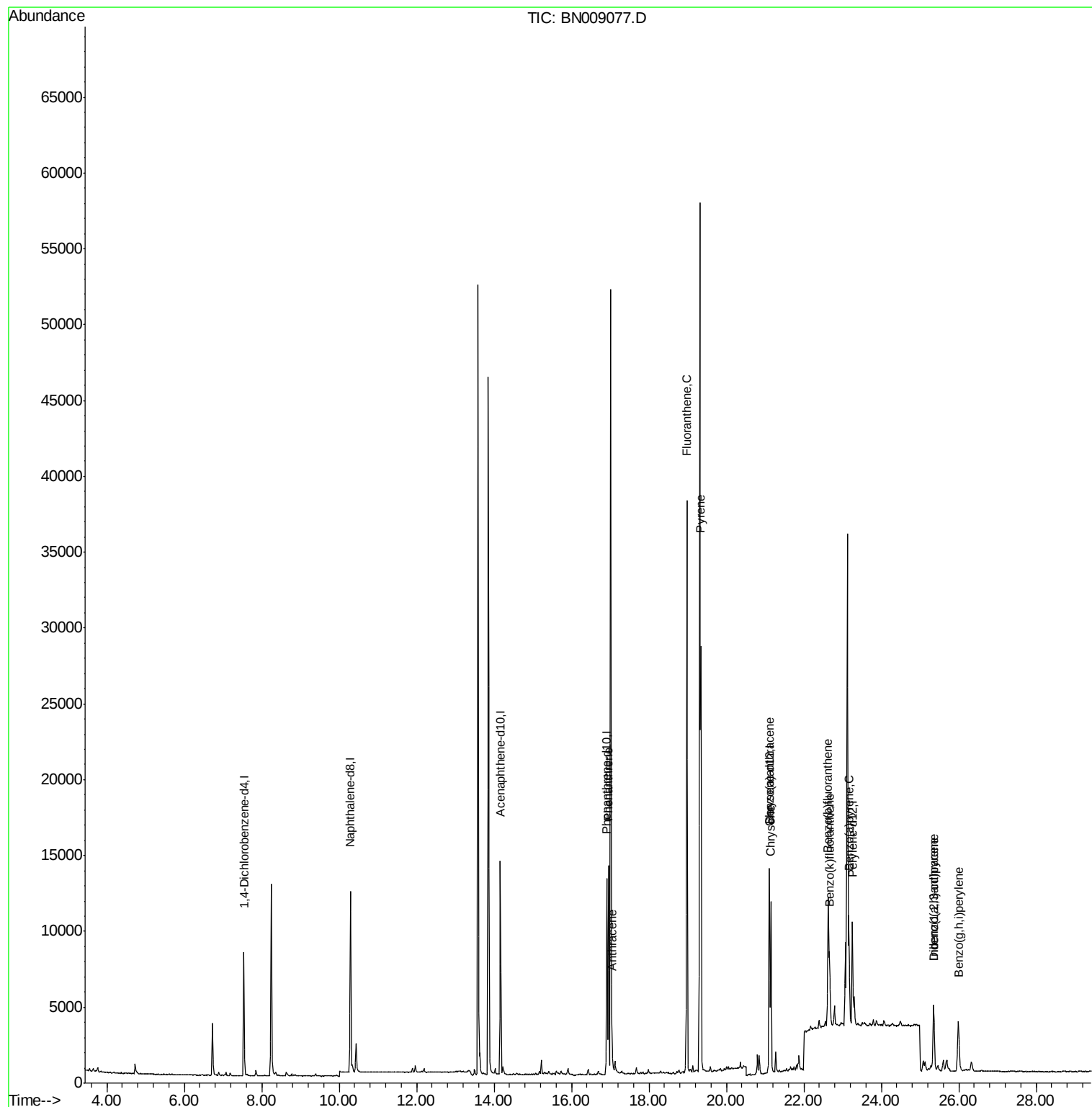
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009077.D
Acq On : 20 Dec 2019 21:03
Operator : JU
Sample : K6171-08DL 10X
Misc :
ALS Vial : 48 Sample Multiplier: 1

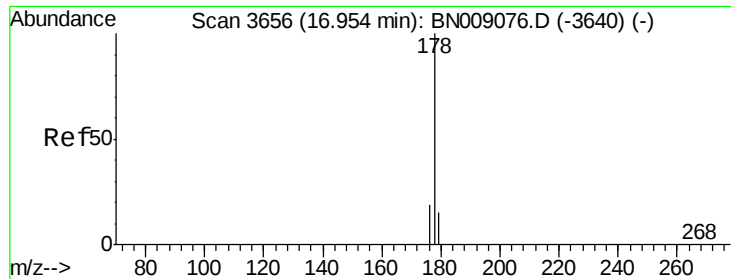
Instrument :
BNA_N
ClientSampleId :
C0BT0DL

Manual Integrations
APPROVED

mohammad
12/23/2019 11:54:44 AM

Quant Time: Dec 20 23:35:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 23:31:06 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.281 ng/ul

RT: 16.95 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN009077.D

Acq: 20 Dec 2019 21:03

Instrument :

BNA_N

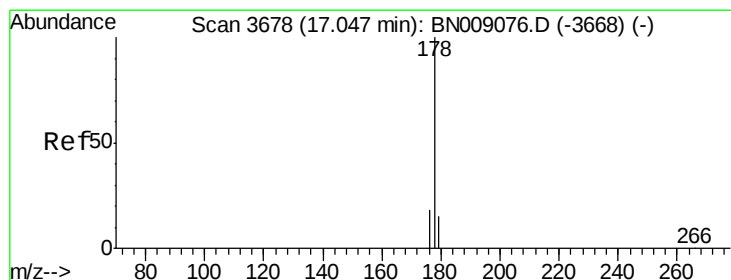
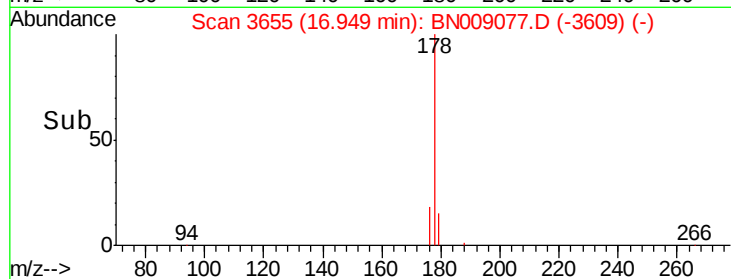
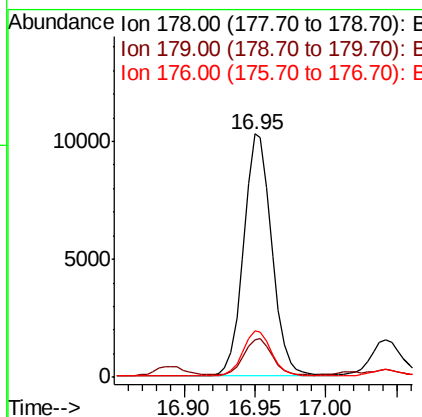
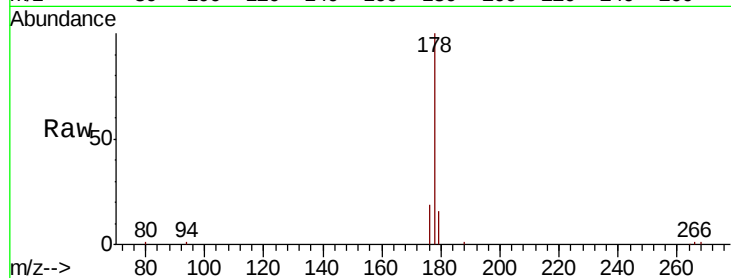
ClientSampleId :

C0BT0DL

Tot Ion:178	Resp:	14129
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	18.9	15.1 22.7

Manual Integrations
APPROVED

mohammad
12/23/2019 11:54:44 AM



#13

Anthracene

Concen: 0.049 ng/ul

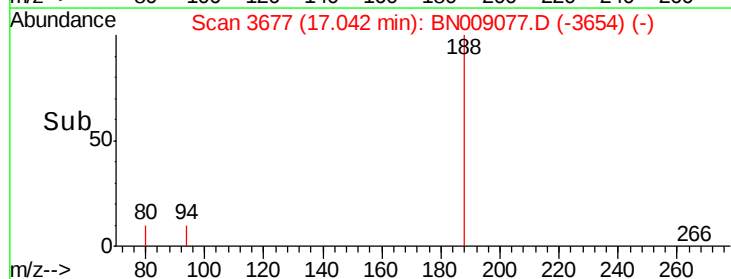
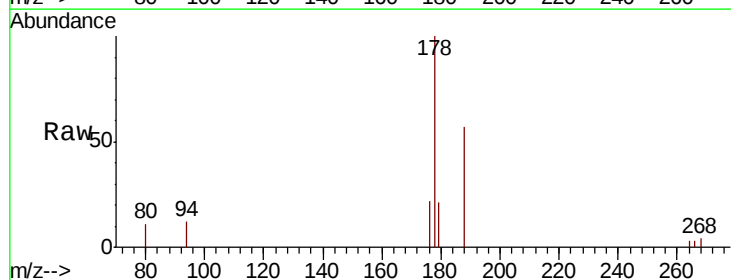
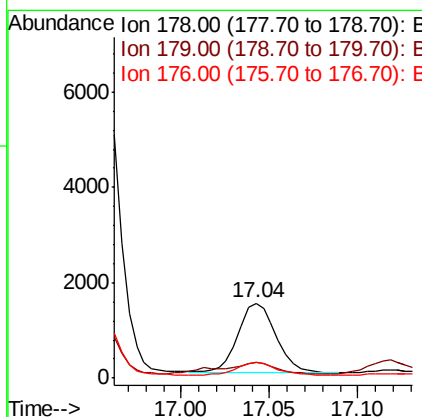
RT: 17.04 min Scan# 3677

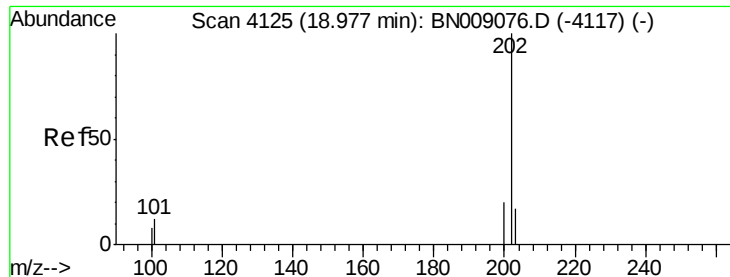
Delta R.T. -0.00 min

Lab File: BN009077.D

Acq: 20 Dec 2019 21:03

Tgt Ion:178	Resp:	2213
Ion Ratio	Lower	Upper
178	100	
179	20.8	12.5 18.7#
176	21.8	14.9 22.3





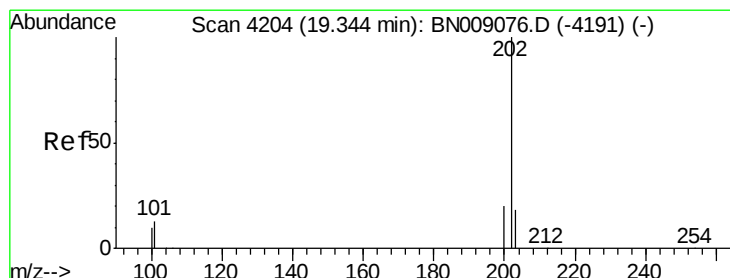
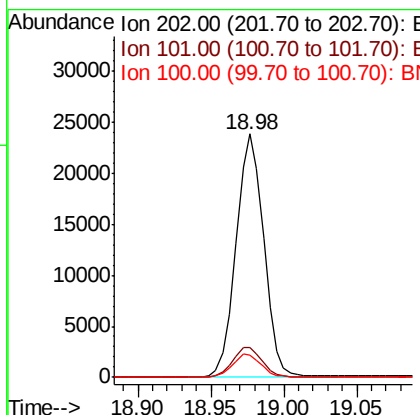
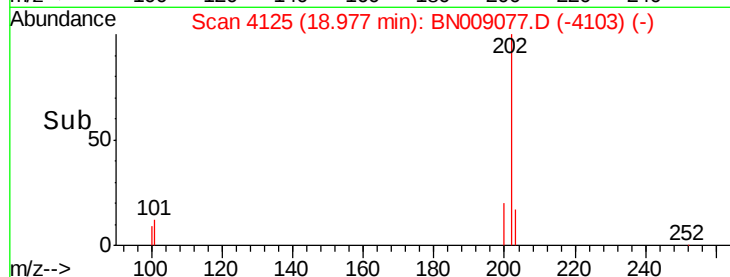
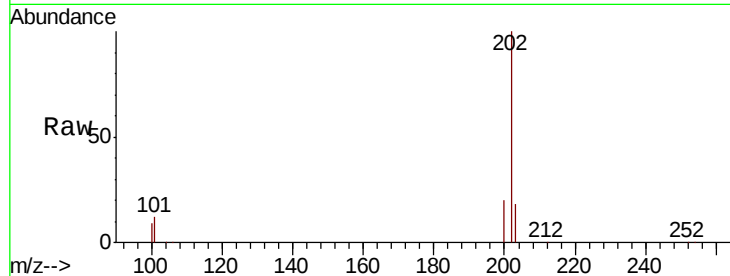
#15
Fluoranthene
Concen: 0.542 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Instrument :
BNA_N
ClientSampleId :
C0BT0DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	31.5
100	9.1	0.0	28.9

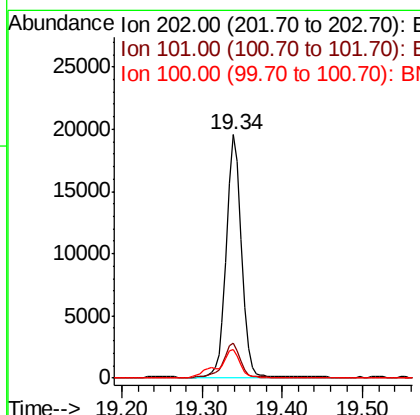
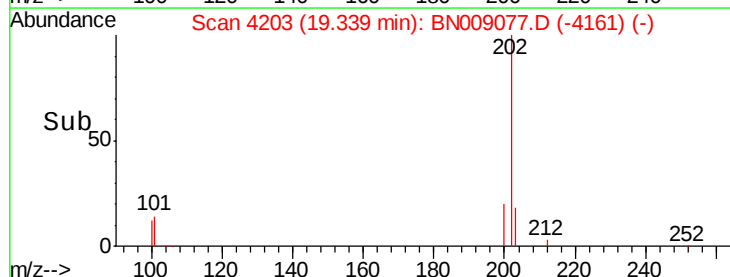
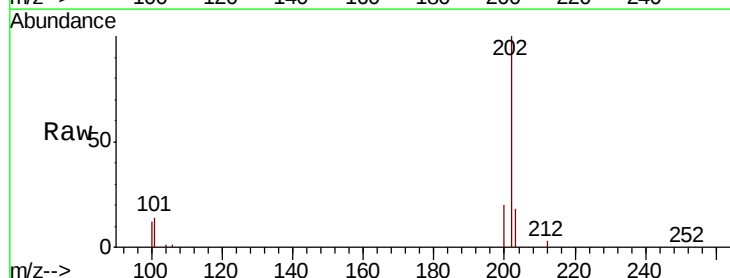
Manual Integrations
APPROVED

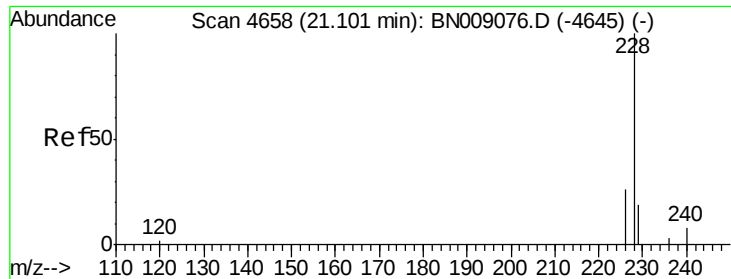
mohammad
12/23/2019 11:54:44 AM



#17
Pyrene
Concen: 0.612 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.9	9.0	13.6





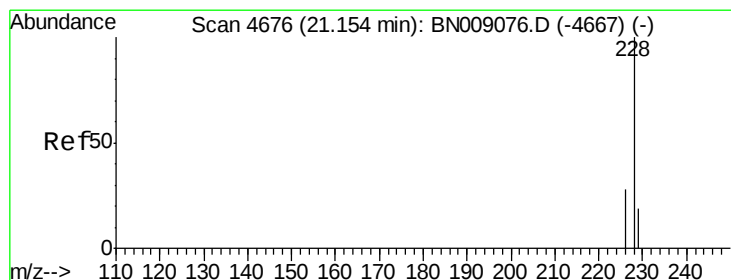
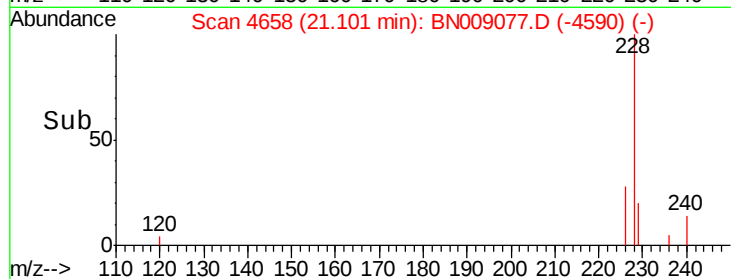
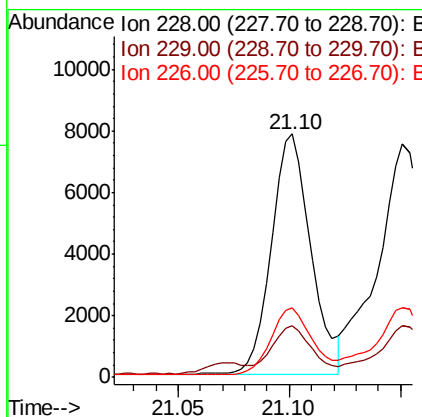
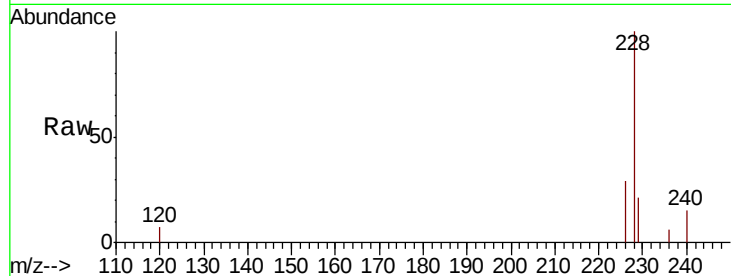
#18
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Instrument :
BNA_N
ClientSampleId :
COBT0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.5	23.3
226	28.6	21.7	32.5

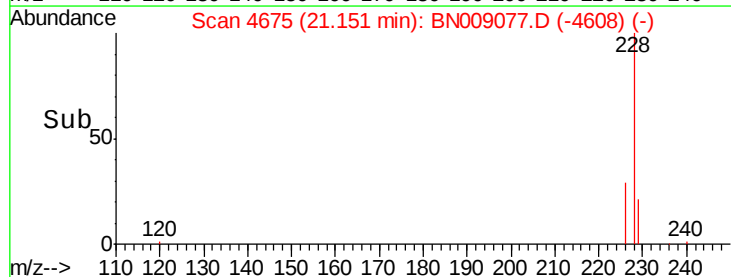
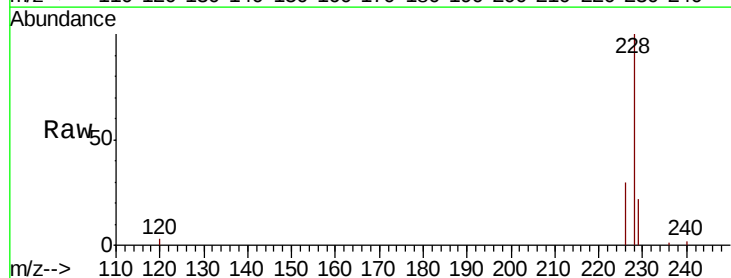
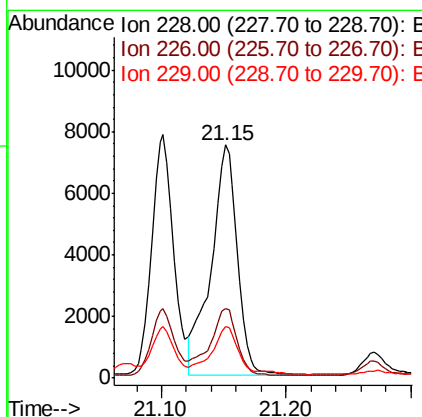
Manual Integrations
APPROVED

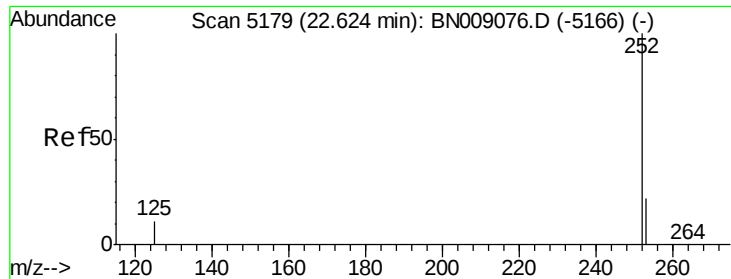
mohammad
12/23/2019 11:54:44 AM



#19
Chrysene
Concen: 0.306 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	22.3	15.4	23.0





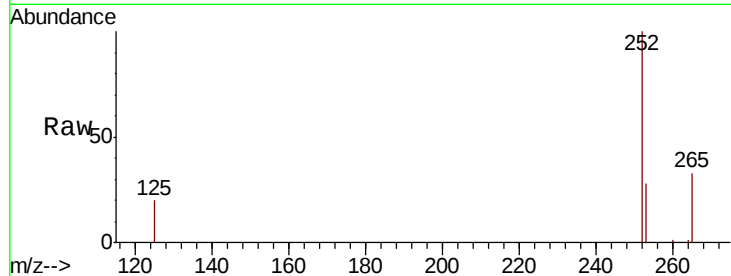
#21
Benzo(b)fluoranthene
Concen: 0.342 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Instrument :
BNA_N
ClientSampleId :
C0BT0DL

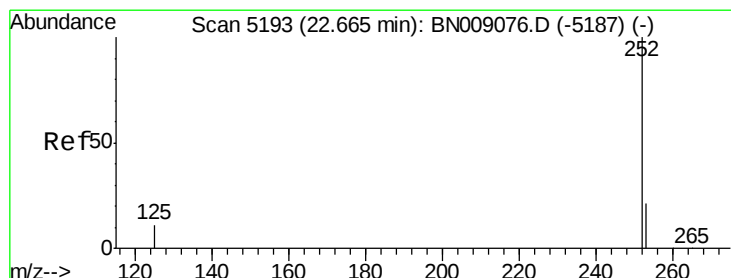
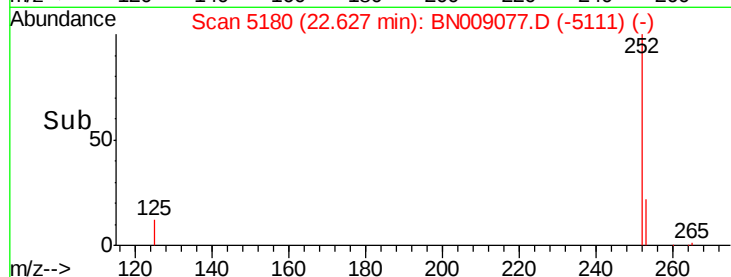
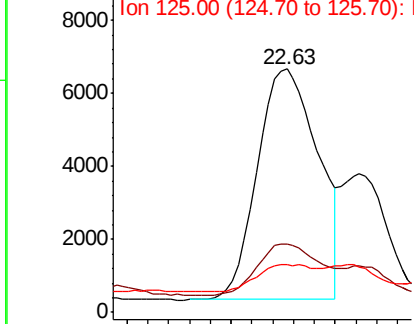
Tot Ion	Ratio	Resp	Lower	Upper
252	100	12967		
253	28.0	0.0	48.2	
125	19.9	0.0	30.0	

Manual Integrations
APPROVED

mohammad
12/23/2019 11:54:44 AM



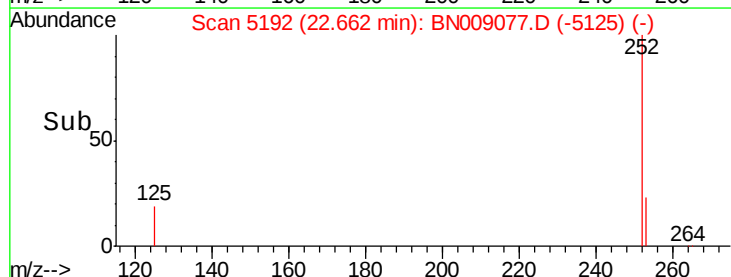
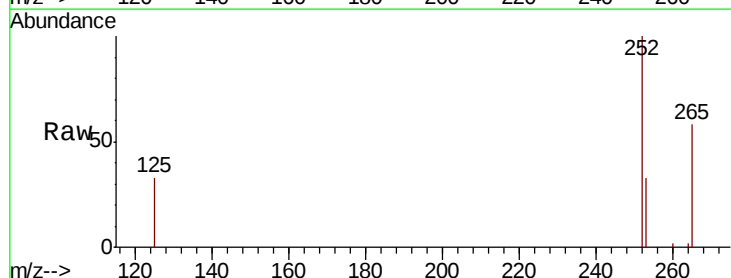
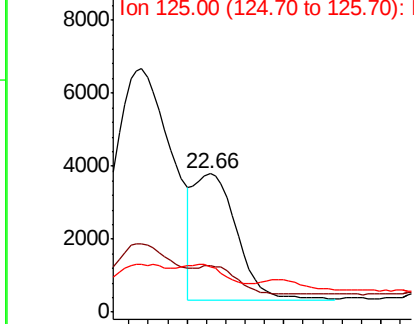
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

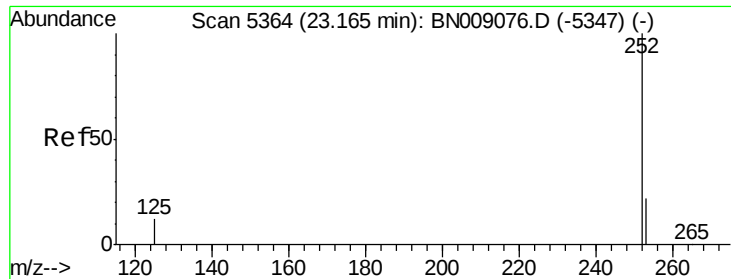


#22
Benzo(k)fluoranthene
Concen: 0.141 ng/ul m
RT: 22.66 min Scan# 5192
Delta R.T. -0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	5374		
253	33.4	19.4	29.0#	
125	32.6	12.4	18.6#	

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.264 ng/u1

RT: 23.16 min Scan# 5363

Delta R.T. -0.00 min

Lab File: BN009077.D

Acq: 20 Dec 2019 21:03

Instrument :

BNA_N

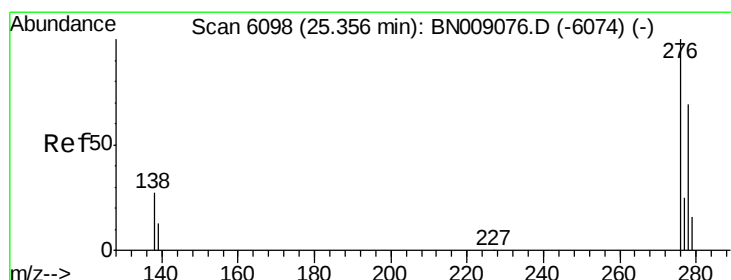
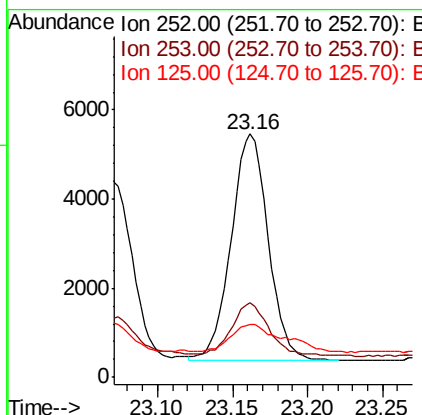
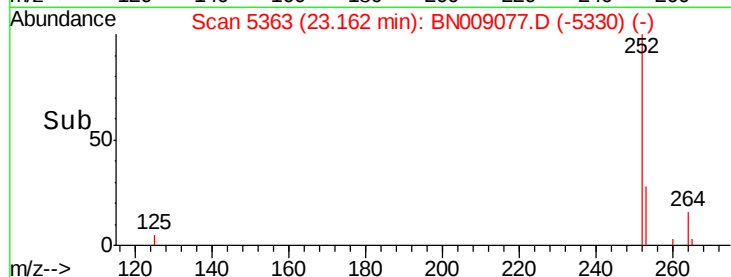
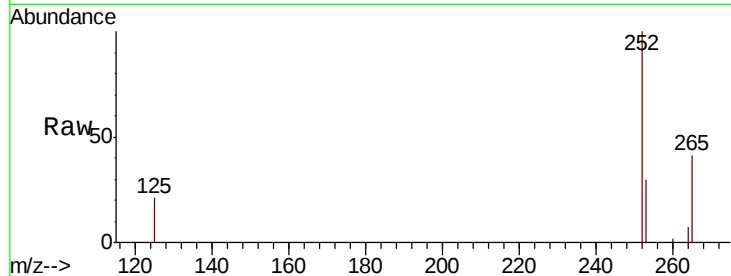
ClientSampleId :

COBT0DL

Tot Ion:	252	Resp:	8748
Ion Ratio	Lower	Upper	
252	100		
253	30.5	20.2	30.4#
125	21.5	13.2	19.8#

Manual Integrations
APPROVED

mohammad
12/23/2019 11:54:44 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.177 ng/u1

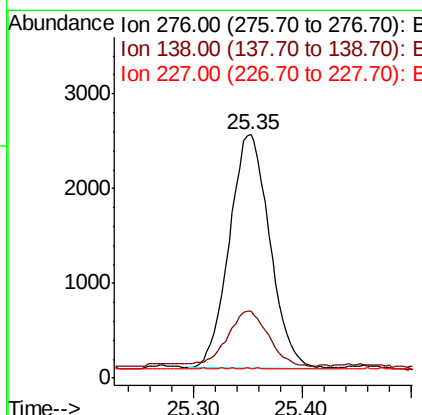
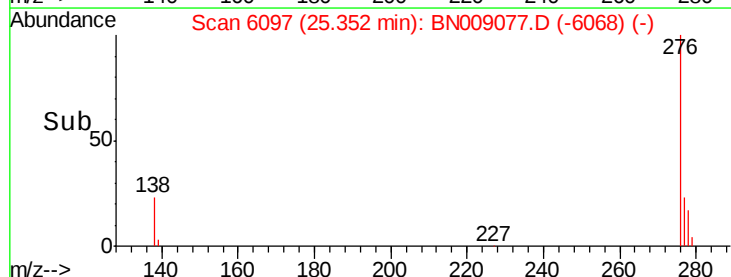
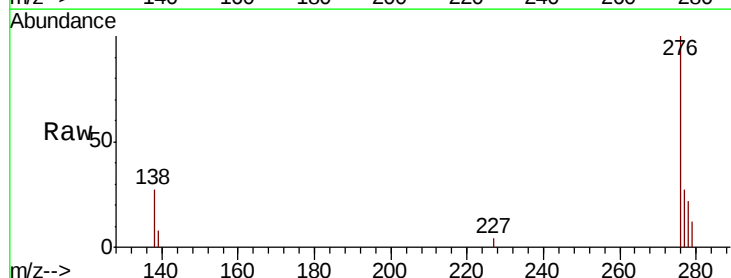
RT: 25.35 min Scan# 6097

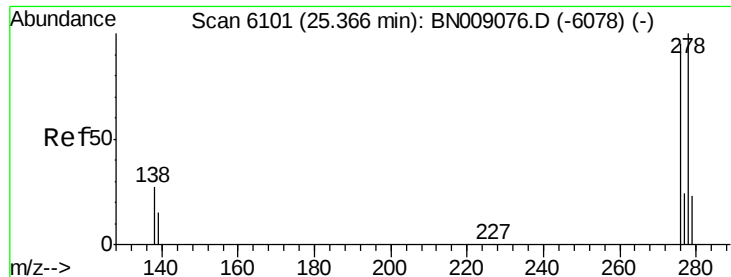
Delta R.T. -0.00 min

Lab File: BN009077.D

Acq: 20 Dec 2019 21:03

Tgt Ion:	276	Resp:	6381
Ion Ratio	Lower	Upper	
276	100		
138	24.0	22.4	33.6
227	0.1	0.2	0.4#





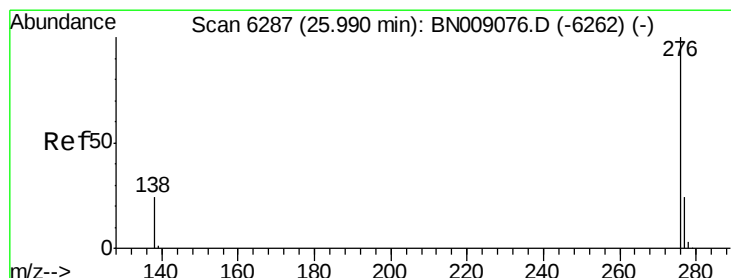
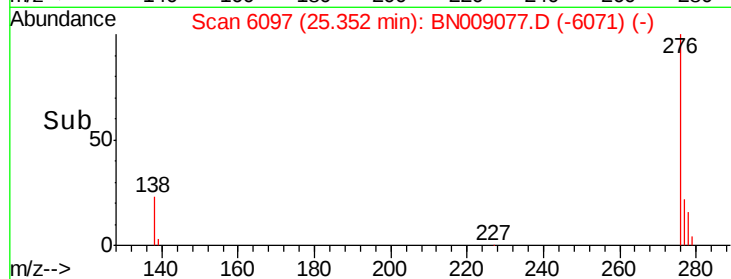
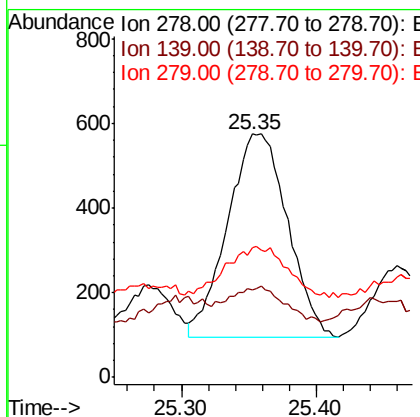
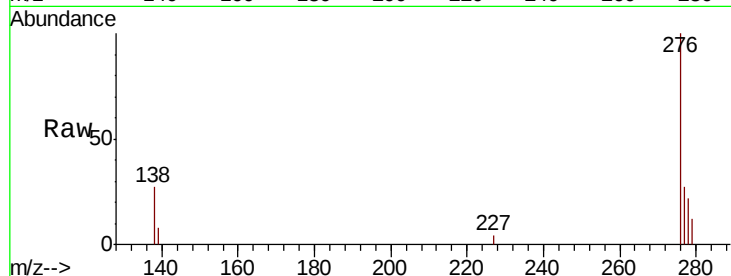
#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.35 min Scan# 6097
Delta R.T. -0.01 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Instrument :
BNA_N
ClientSampleId :
C0BT0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.2	16.2	24.2#
279	53.2	20.3	30.5#

Manual Integrations
APPROVED

mohammad
12/23/2019 11:54:44 AM



#26
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009077.D
Acq: 20 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.6	30.8
277	27.3	19.6	29.4

