

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006349.D
 Acq On : 17 Jun 2019 15:50
 Operator : JU/SJ
 Sample : K3332-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W5

Manual Integrations
 APPROVED

mohammad
 6/20/2019 10:51:10 AM

Quant Time: Jun 18 02:30:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4877	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19623	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18012m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11925m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10370m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5116	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11049m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	3028m	0.052	ng/ul	
15) Fluoranthene	19.12	202	8362m	0.131	ng/ul	
17) Pyrene	19.49	202	7577m	0.121	ng/ul	
18) Benzo(a)anthracene	21.25	228	3516	0.067	ng/ul	93
19) Chrysene	21.31	228	3038m	0.061	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	5575m	0.129	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1337m	0.032	ng/ul	
23) Benzo(a)pyrene	23.40	252	3320m	0.082	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	2426m	0.056	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	2004m	0.055	ng/ul	

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

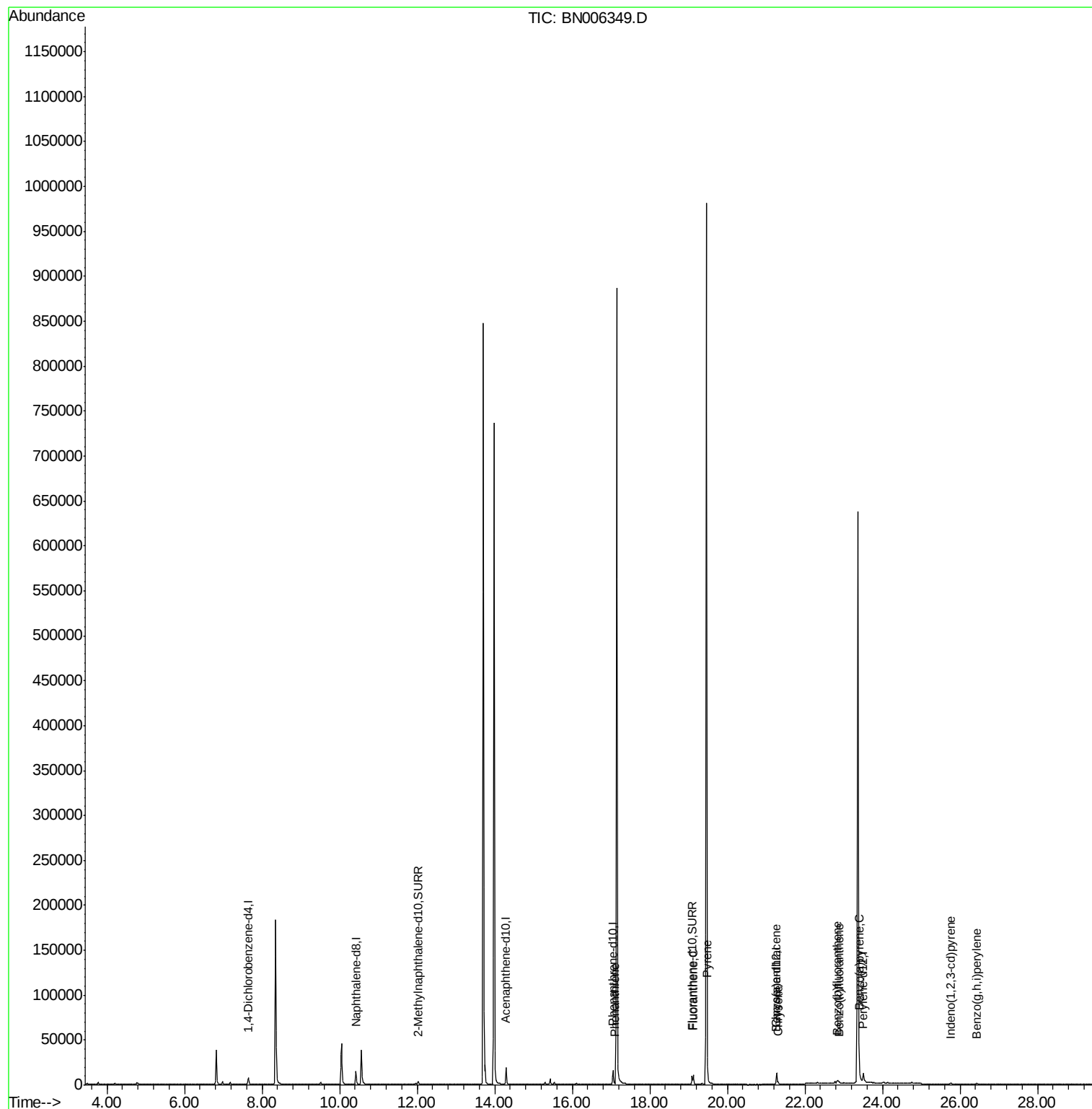
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006349.D
Acq On : 17 Jun 2019 15:50
Operator : JU/SJ
Sample : K3332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

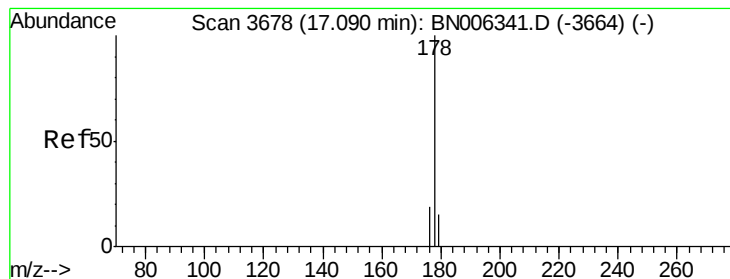
Instrument :
BNA_N
ClientSampleId :
A41W5

Manual Integrations
APPROVED

mohammad
6/20/2019 10:51:10 AM

Quant Time: Jun 18 02:30:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.052 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006349.D

Acq: 17 Jun 2019 15:50

Instrument :

BNA_N

ClientSampleId :

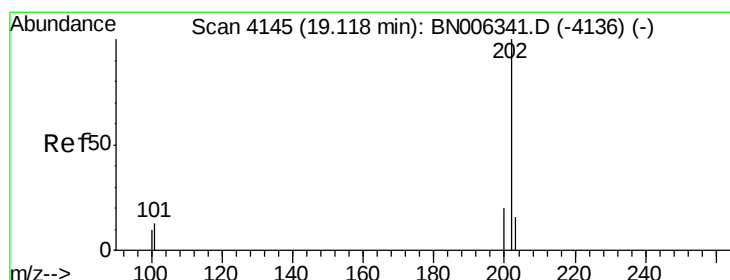
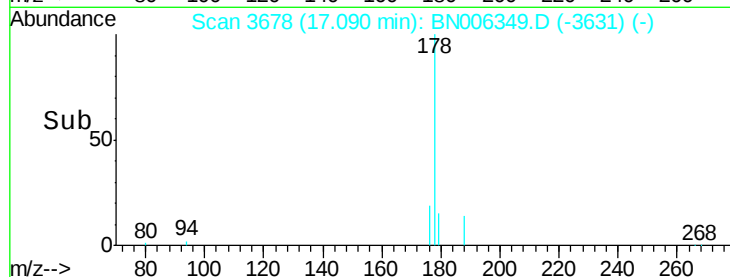
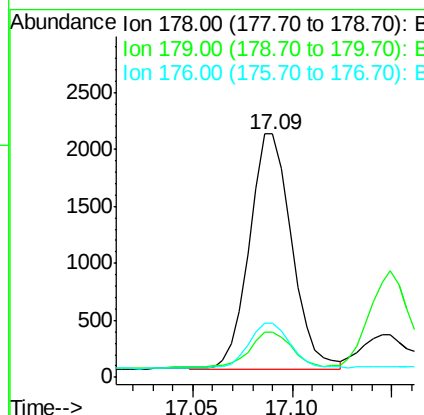
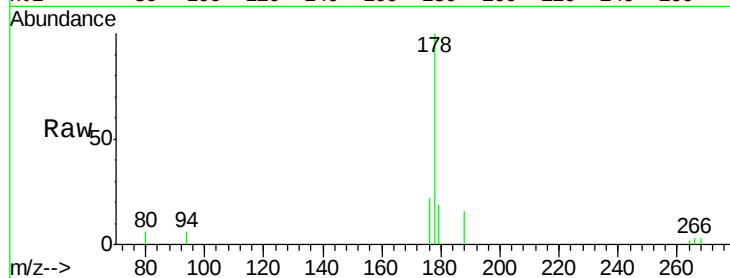
A41W5

Tot Ion:178 Resp: 3028

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.3	18.5#
176	22.4	15.3	22.9

Manual Integrations
APPROVED

mohammad
6/20/2019 10:51:10 AM



#15

Fluoranthene

Concen: 0.131 ng/ul m

RT: 19.12 min Scan# 4145

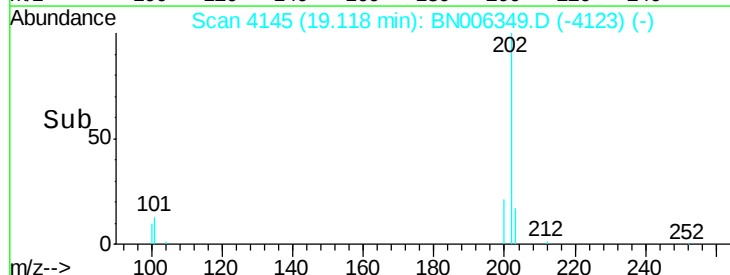
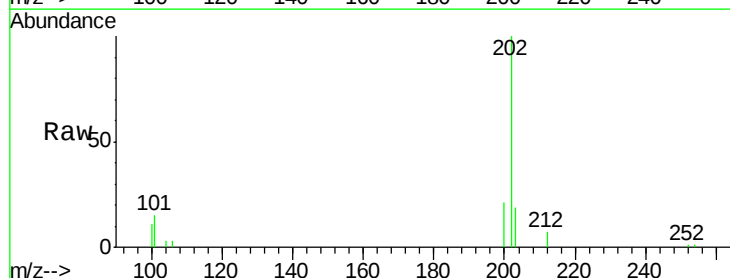
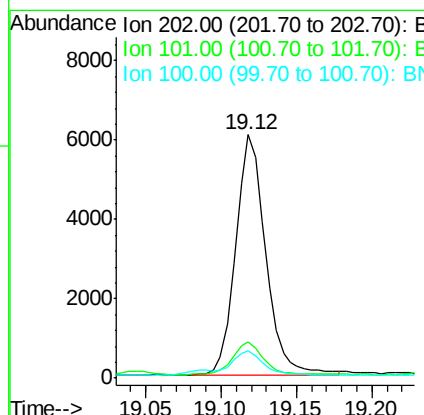
Delta R.T. -0.00 min

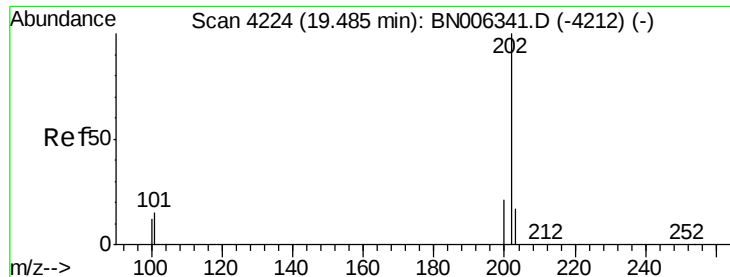
Lab File: BN006349.D

Acq: 17 Jun 2019 15:50

Tgt Ion:202 Resp: 8362

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	32.1
100	11.0	0.0	28.7





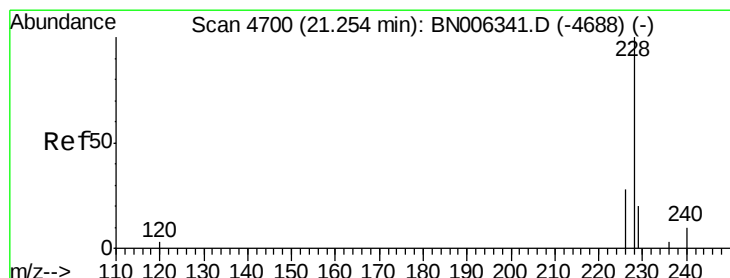
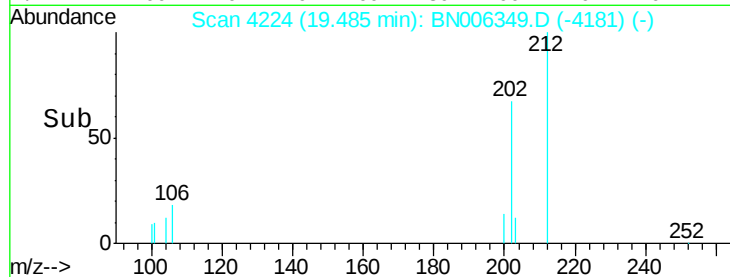
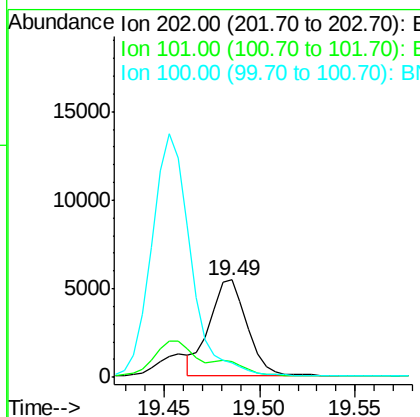
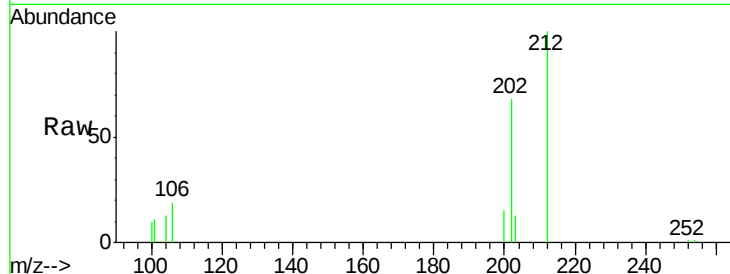
#17
Pvrene
Concen: 0.121 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006349.D
Acq: 17 Jun 2019 15:50

Instrument :
BNA_N
ClientSampleId :
A41W5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	7577		
101	16.4		12.2	18.2
100	15.1		9.8	14.6

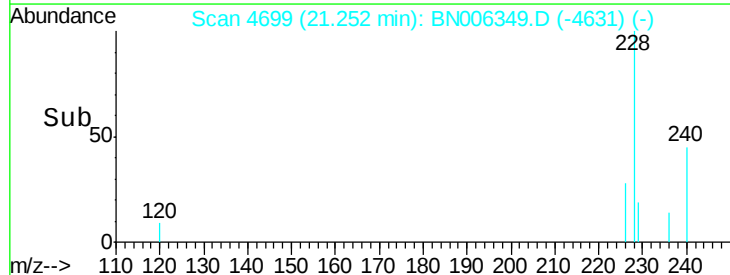
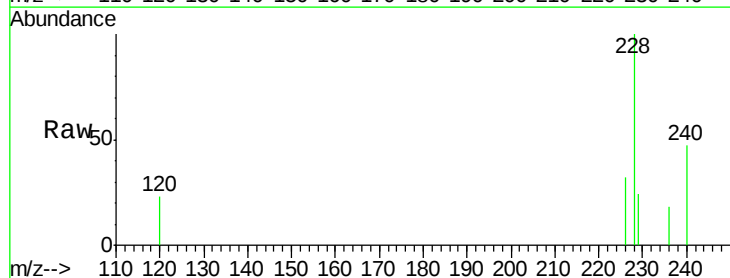
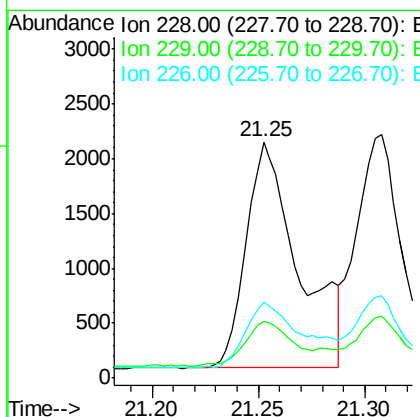
Manual Integrations
APPROVED

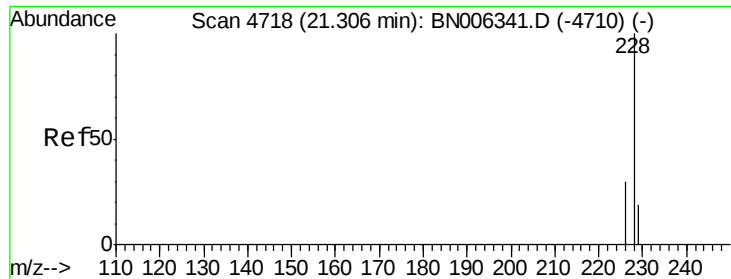
mohammad
6/20/2019 10:51:10 AM



#18
Benzo(a)anthracene
Concen: 0.067 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006349.D
Acq: 17 Jun 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3516		
229	24.1		16.5	24.7
226	32.4		22.8	34.2





#19

Chrysene

Concen: 0.061 ng/ul m

RT: 21.31 min Scan# 4718

Delta R.T. 0.00 min

Lab File: BN006349.D

Acq: 17 Jun 2019 15:50

Instrument :

BNA_N

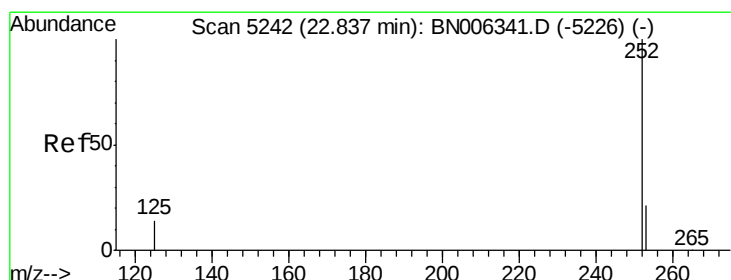
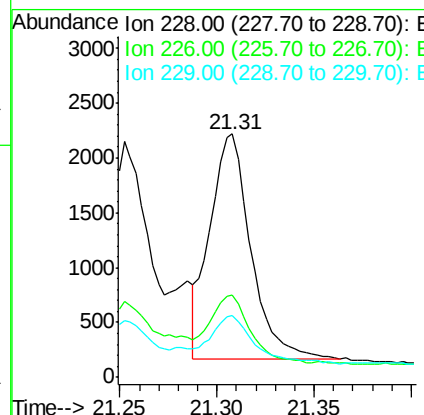
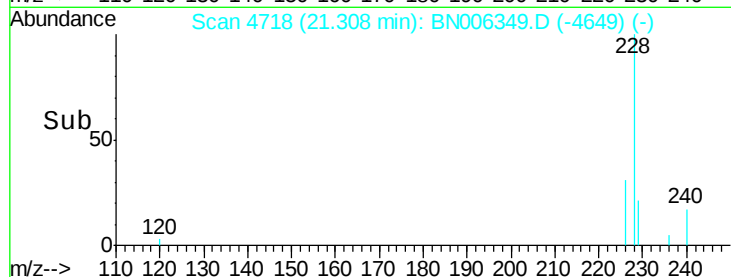
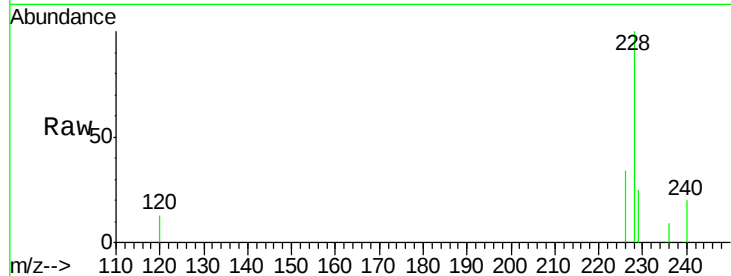
ClientSampled :

A41W5

Tot Ion:	228	Resp:	3038
Ion Ratio	Lower	Upper	
228	100		
226	33.9	25.0	37.6
229	25.2	16.3	24.5#

Manual Integrations
APPROVED

mohammad
6/20/2019 10:51:10 AM



#21

Benzo(b)fluoranthene

Concen: 0.129 ng/ul m

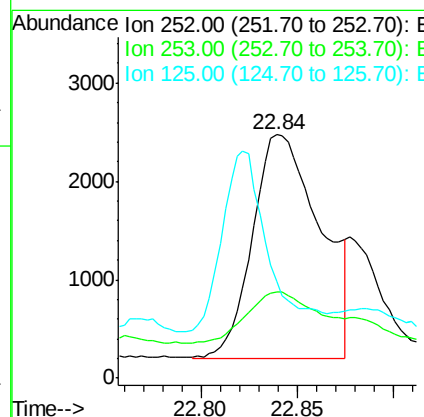
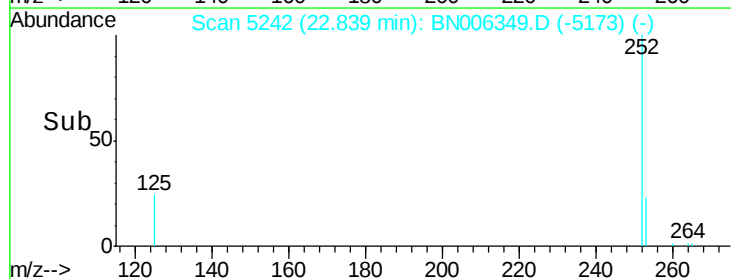
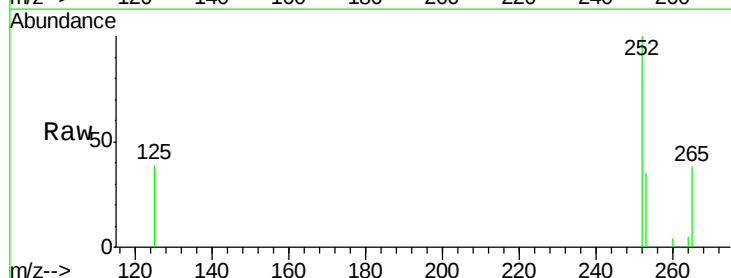
RT: 22.84 min Scan# 5242

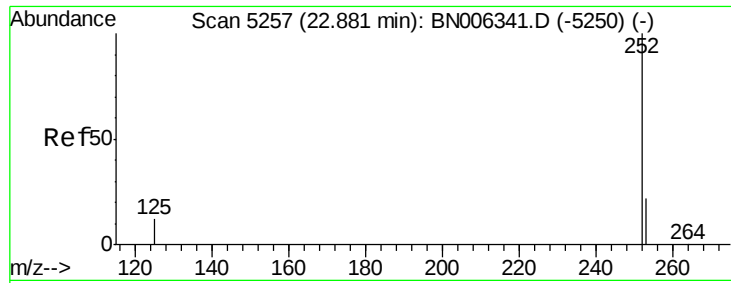
Delta R.T. 0.00 min

Lab File: BN006349.D

Acq: 17 Jun 2019 15:50

Tgt Ion:	252	Resp:	5575
Ion Ratio	Lower	Upper	
252	100		
253	35.3	0.0	51.4
125	39.5	0.0	41.0





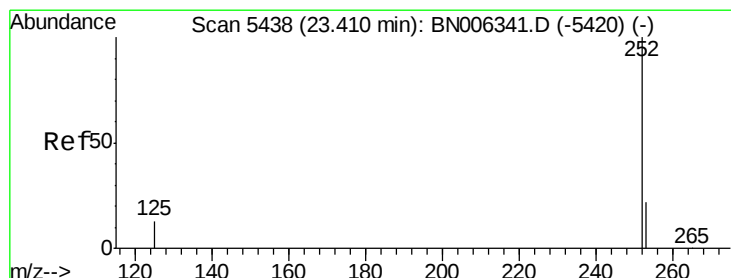
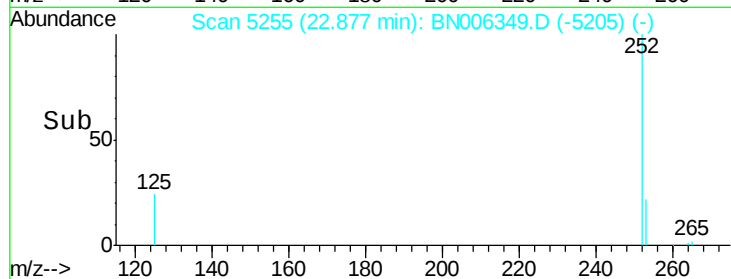
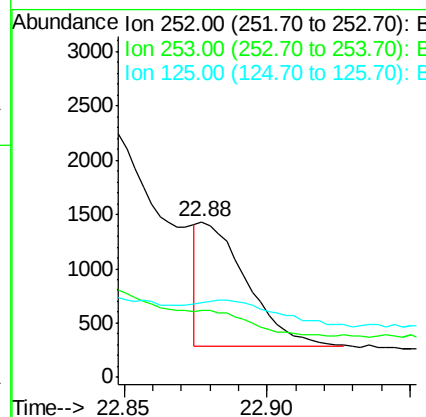
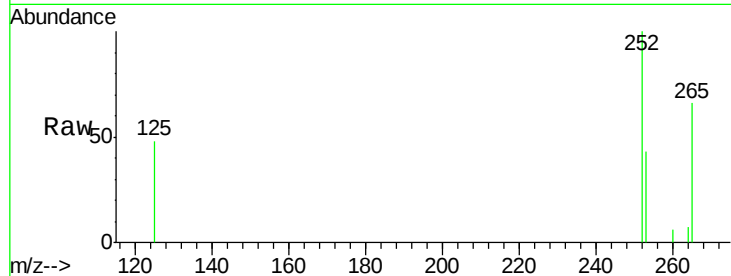
#22
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 22.88 min Scan# 5255
Delta R.T. -0.00 min
Lab File: BN006349.D
Acq: 17 Jun 2019 15:50

Instrument :
BNA_N
ClientSampleId :
A41W5

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.0	20.3	30.5#
125	48.4	14.3	21.5#

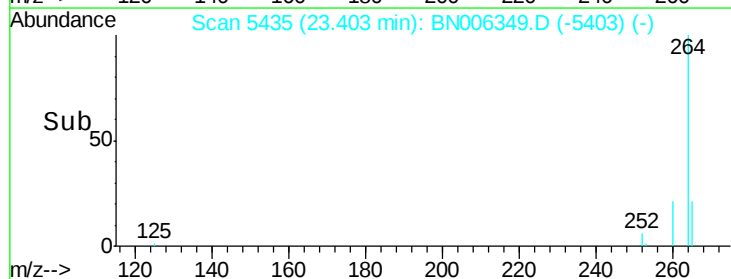
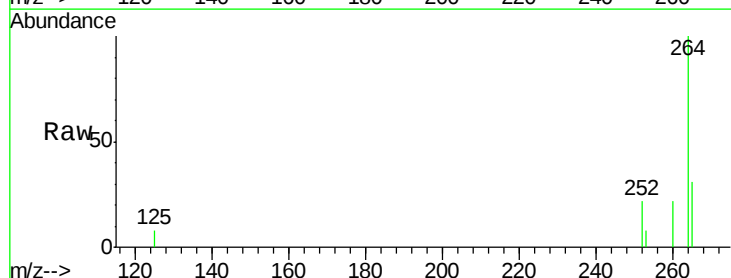
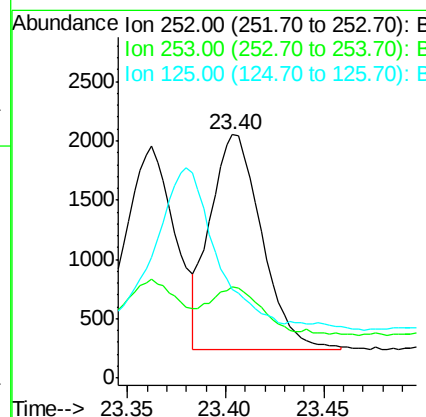
Manual Integrations
APPROVED

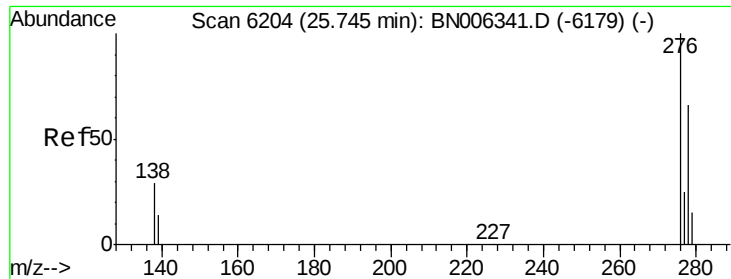
mohammad
6/20/2019 10:51:10 AM



#23
Benzo(a)pyrene
Concen: 0.082 ng/ul m
RT: 23.40 min Scan# 5435
Delta R.T. -0.01 min
Lab File: BN006349.D
Acq: 17 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.3	21.1	31.7#
125	36.3	20.3	30.5#





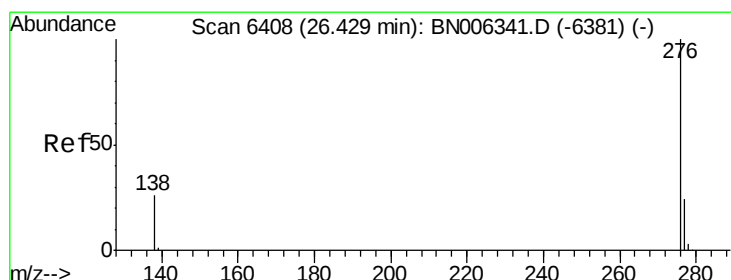
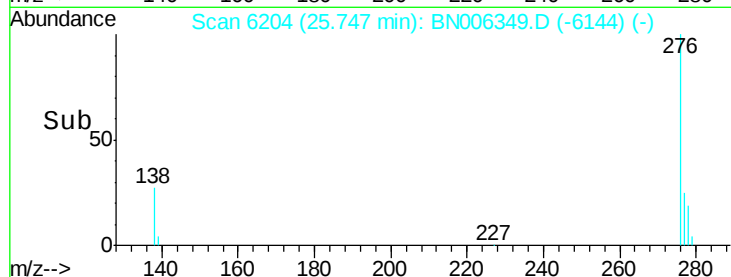
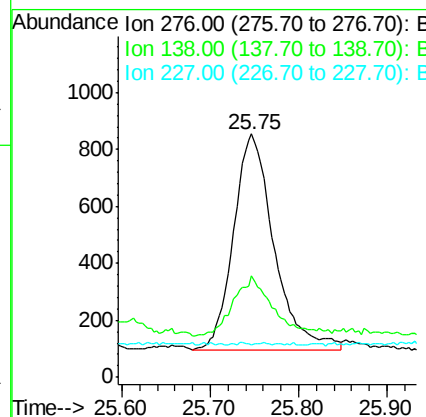
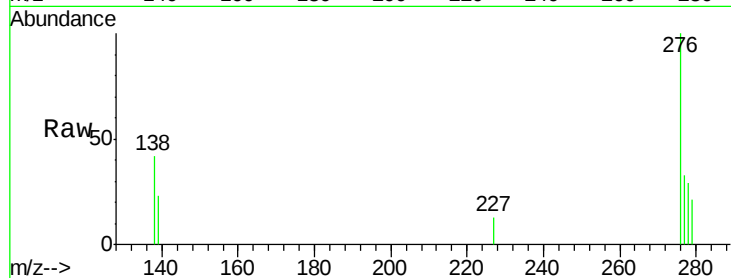
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.056 ng/ul m
 RT: 25.75 min Scan# 6204
 Delta R.T. 0.00 min
 Lab File: BN006349.D
 Acq: 17 Jun 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 A41W5

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.9	25.6	38.4#
227	0.1	0.3	0.5#

Manual Integrations
 APPROVED

mohammad
 6/20/2019 10:51:10 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.055 ng/ul m
 RT: 26.43 min Scan# 6408
 Delta R.T. 0.00 min
 Lab File: BN006349.D
 Acq: 17 Jun 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.9	24.2	36.4#
277	34.4	21.5	32.3#

