

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006544.D
 Acq On : 24 Jun 2019 22:48
 Operator : HP/JU
 Sample : K3362-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X4

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:20:41 PM

Quant Time: Jun 25 03:48:12 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	7.63	152	4798	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18227	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9692	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	18610m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	10001m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	8464m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10949	0.39	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	19457m	0.39	ng/ul	-0.01
Target Compounds						
12) Phenanthrene	17.08	178	4570	0.077	ng/ul	95
15) Fluoranthene	19.11	202	11832m	0.179	ng/ul	
17) Pyrene	19.47	202	11452	0.217	ng/ul#	95
18) Benzo(a)anthracene	21.24	228	3796	0.086	ng/ul	97
19) Chrysene	21.29	228	4067	0.098	ng/ul	95
21) Benzo(b)fluoranthene	22.82	252	5777m	0.164	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	2211m	0.064	ng/ul	
23) Benzo(a)pyrene	23.39	252	3639m	0.111	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	2517m	0.071	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	2095m	0.070	ng/ul	

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

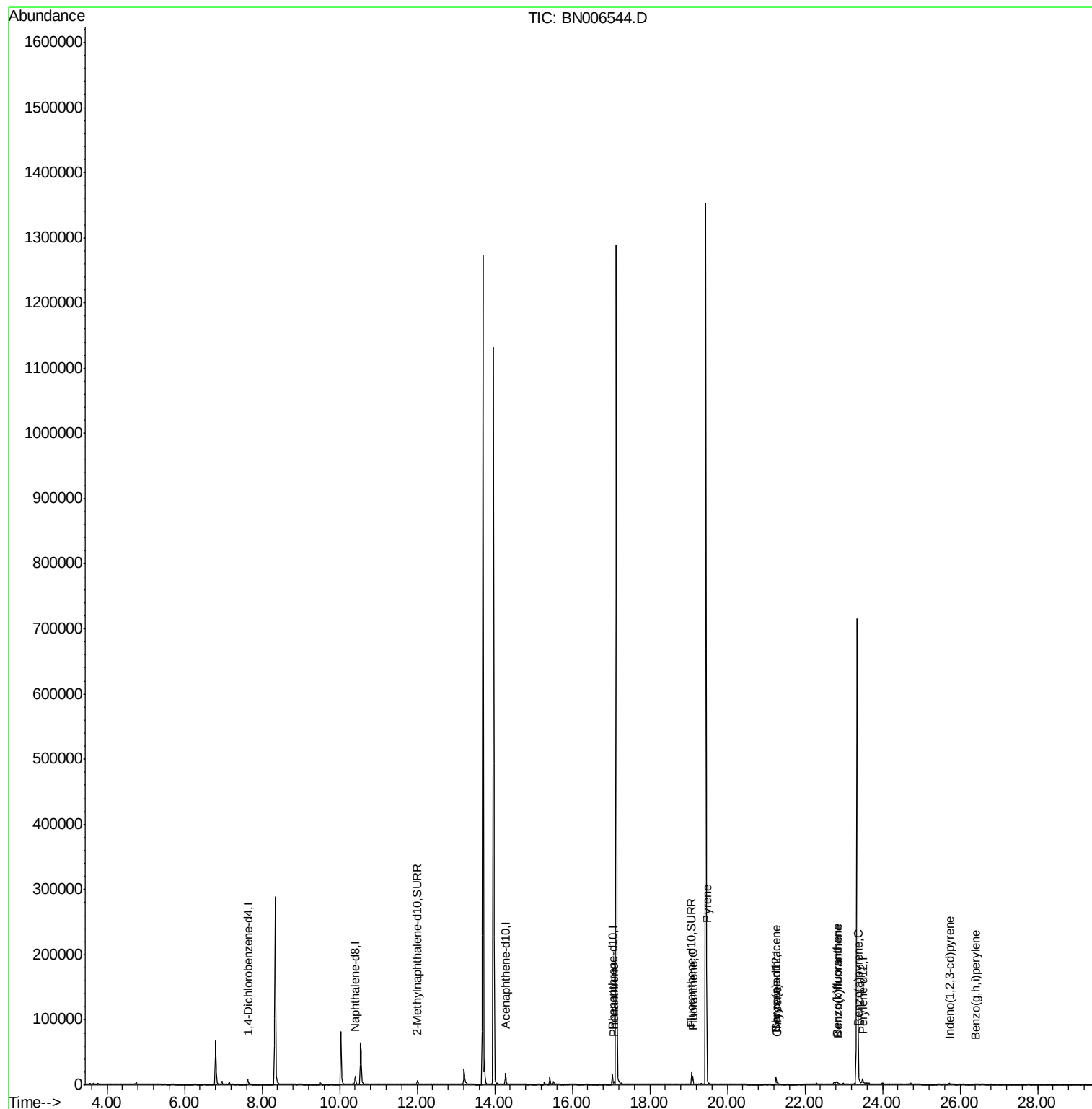
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006544.D
Acq On : 24 Jun 2019 22:48
Operator : HP/JU
Sample : K3362-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

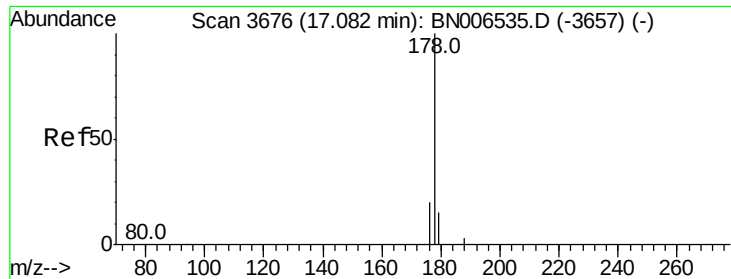
Instrument :
BNA_N
ClientSampleId :
A41X4

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:41 PM

Quant Time: Jun 25 03:48:12 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





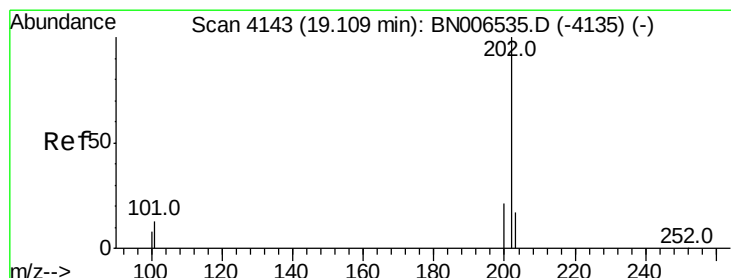
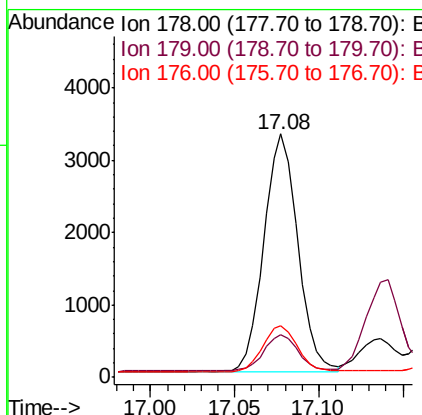
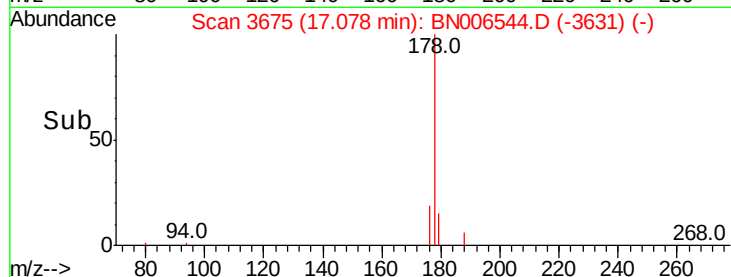
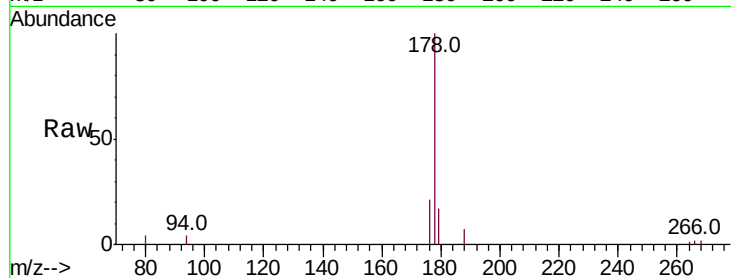
#12
Phenanthrene
Concen: 0.077 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006544.D
Acq: 24 Jun 2019 22:48

Instrument :
BNA_N
ClientSampleId :
A41X4

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.3	18.5
176	21.3	15.3	22.9

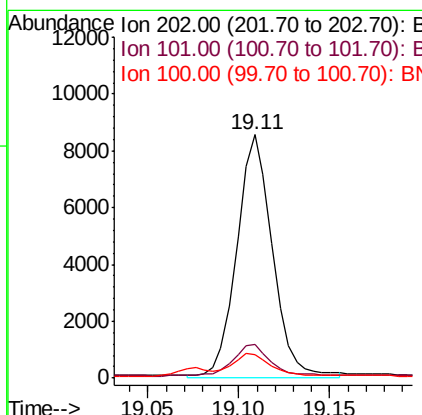
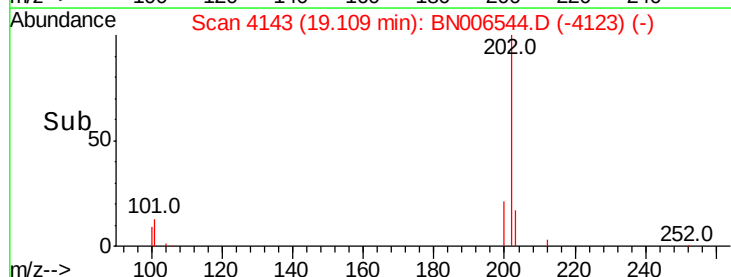
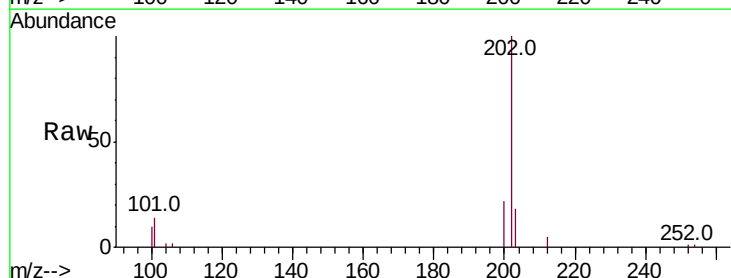
Manual Integrations
APPROVED

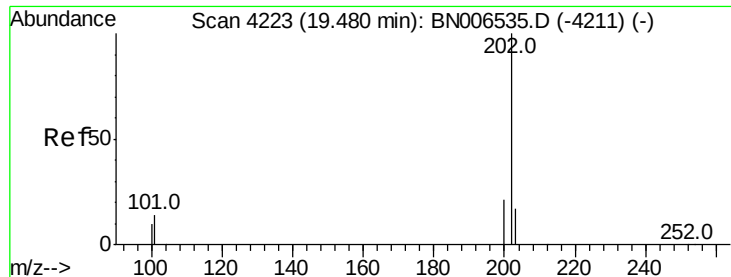
mohammad
6/25/2019 10:20:41 PM



#15
Fluoranthene
Concen: 0.179 ng/ul m
RT: 19.11 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN006544.D
Acq: 24 Jun 2019 22:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.1
100	9.8	0.0	28.7





#17

Pvrene

Concen: 0.217 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006544.D

Acq: 24 Jun 2019 22:48

Instrument :

BNA_N

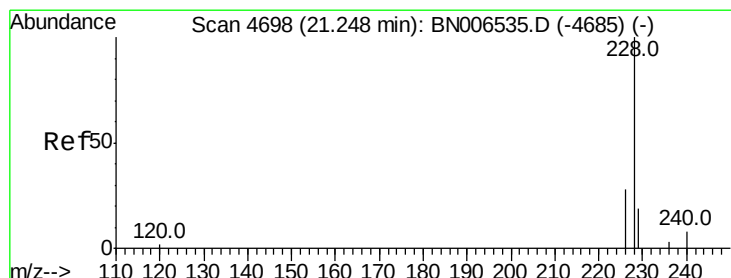
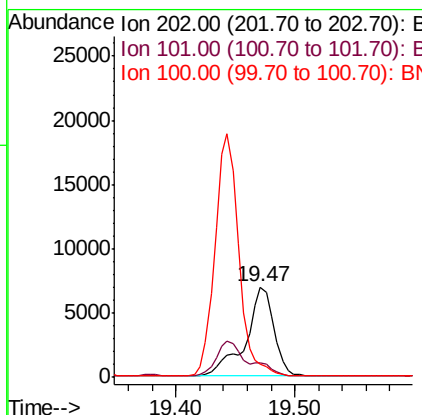
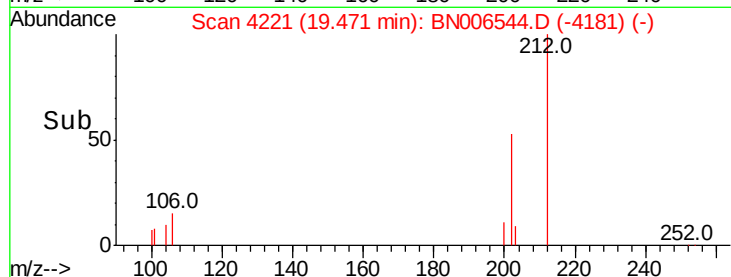
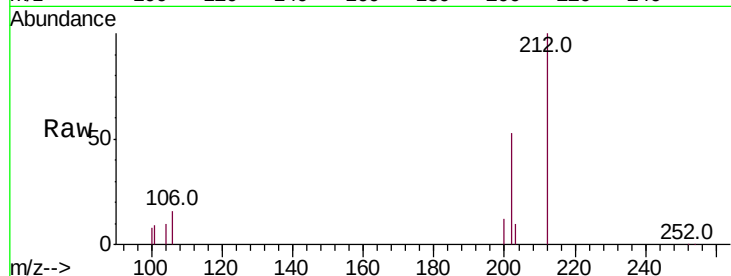
ClientSampled :

A41X4

Tot Ion:	202	Resp:	11452
Ion Ratio	Lower	Upper	
202	100		
101	16.3	12.2	18.2
100	15.1	9.8	14.6

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:41 PM



#18

Benzo(a)anthracene

Concen: 0.086 ng/ul

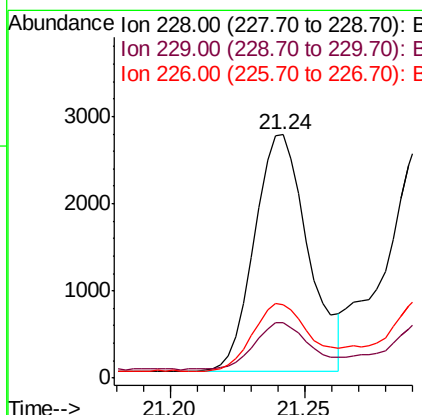
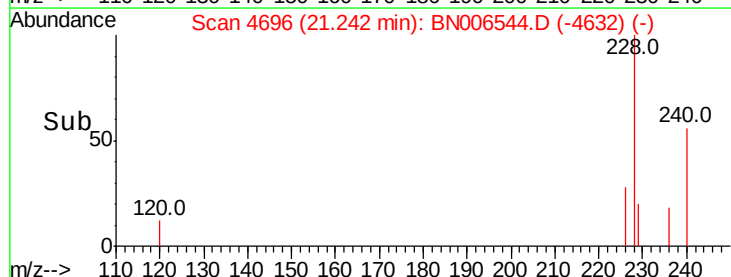
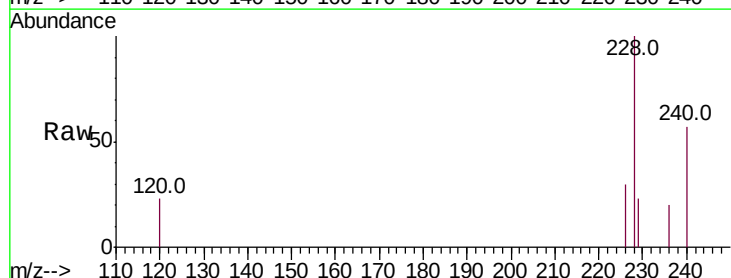
RT: 21.24 min Scan# 4696

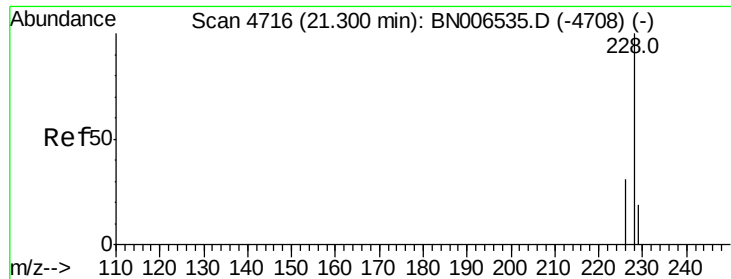
Delta R.T. -0.01 min

Lab File: BN006544.D

Acq: 24 Jun 2019 22:48

Tgt Ion:	228	Resp:	3796
Ion Ratio	Lower	Upper	
228	100		
229	22.6	16.5	24.7
226	30.0	22.8	34.2





#19

Chrysene

Concen: 0.098 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.01 min

Lab File: BN006544.D

Acq: 24 Jun 2019 22:48

Instrument :

BNA_N

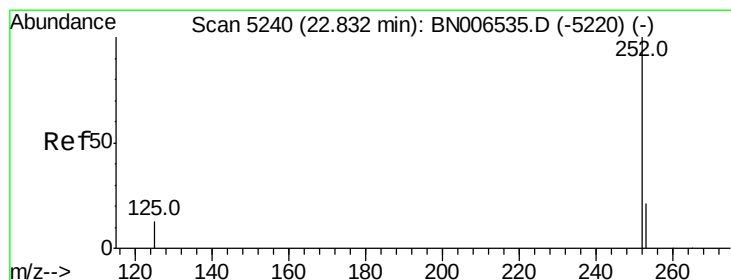
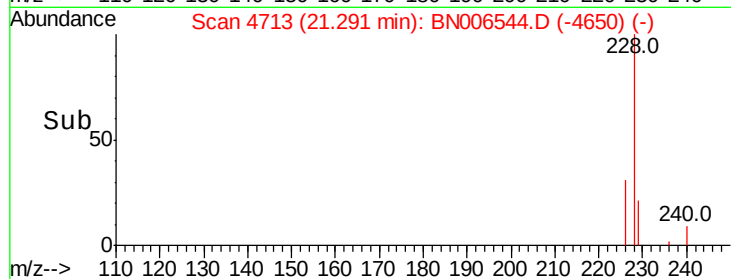
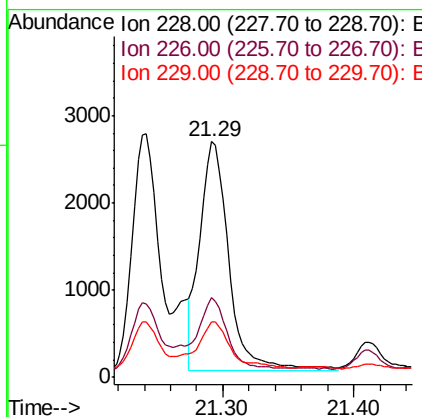
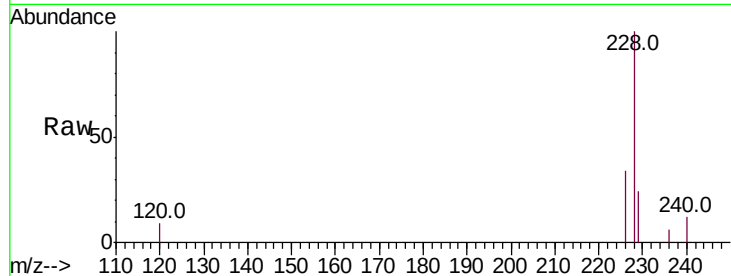
ClientSampleId :

A41X4

Tot Ion:	228	Resp:	4067
Ion Ratio	Lower	Upper	
228	100		
226	33.6	25.0	37.6
229	23.6	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:41 PM



#21

Benzo(b)fluoranthene

Concen: 0.164 ng/ul m

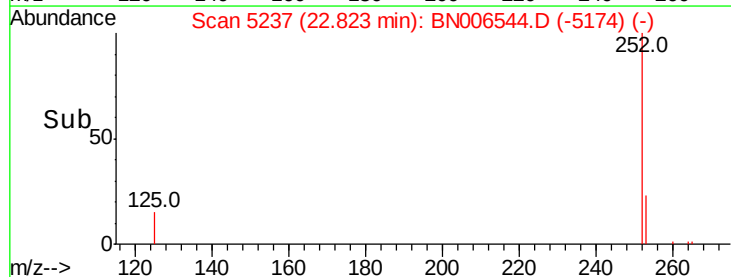
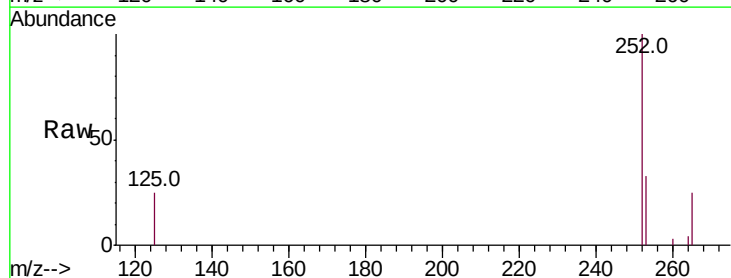
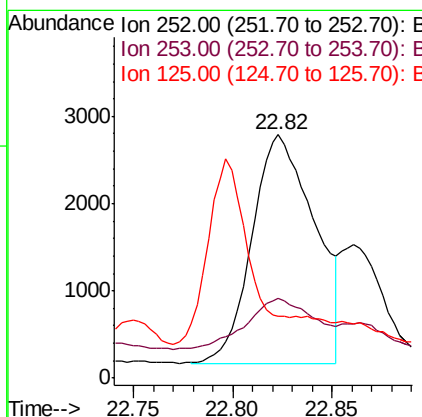
RT: 22.82 min Scan# 5237

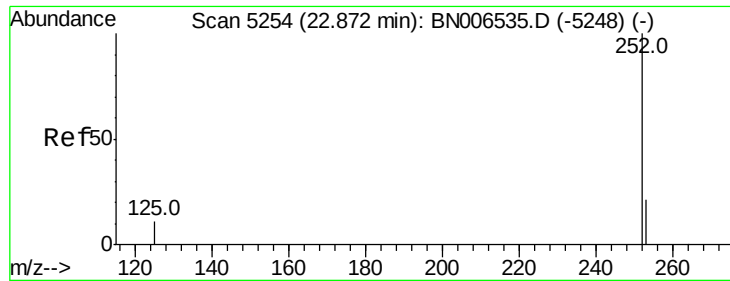
Delta R.T. -0.01 min

Lab File: BN006544.D

Acq: 24 Jun 2019 22:48

Tgt Ion:	252	Resp:	5777
Ion Ratio	Lower	Upper	
252	100		
253	32.5	0.0	51.4
125	25.4	0.0	41.0





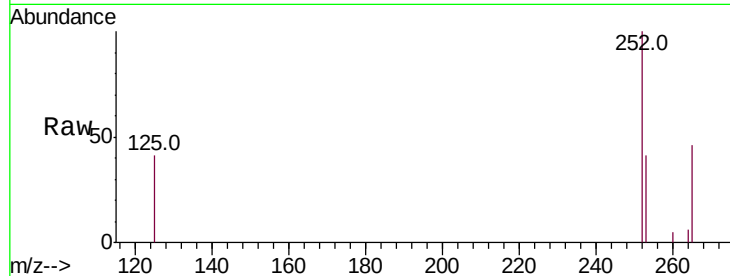
#22
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.02 min
Lab File: BN006544.D
Acq: 24 Jun 2019 22:48

Instrument :
BNA_N
ClientSampleId :
A41X4

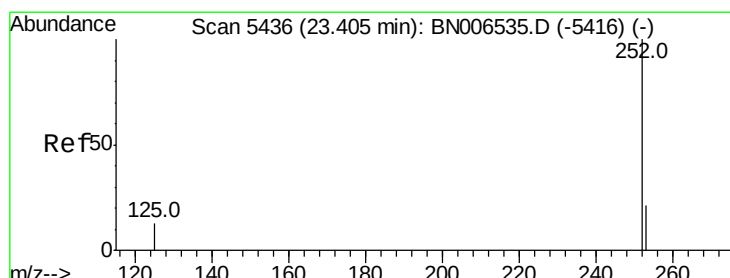
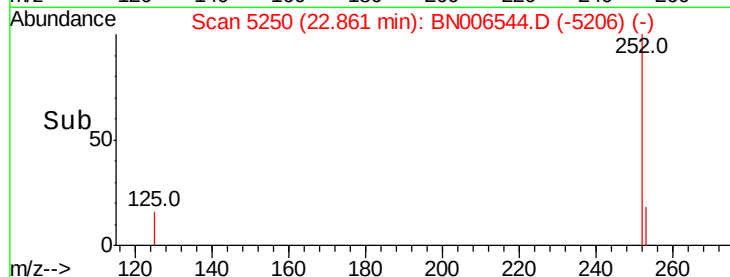
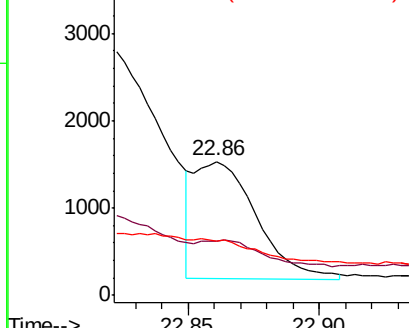
Tot Ion	Ratio	Lower	Upper
252	100		
253	40.6	20.3	30.5#
125	40.8	14.3	21.5#

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:41 PM



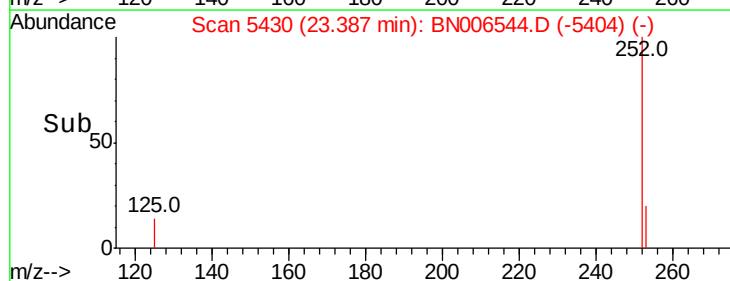
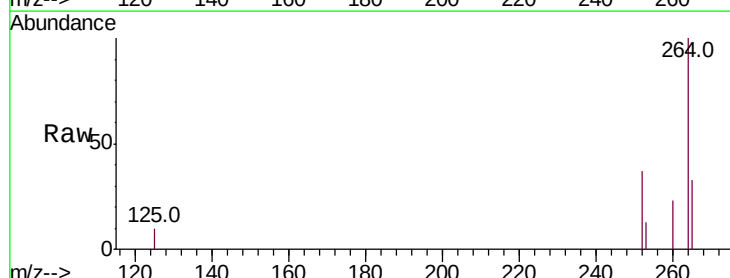
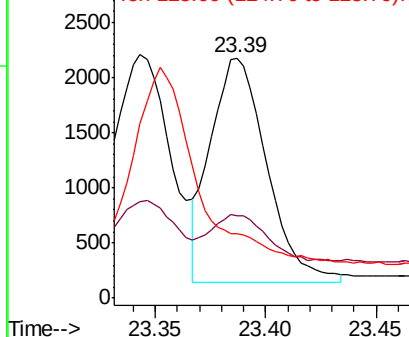
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

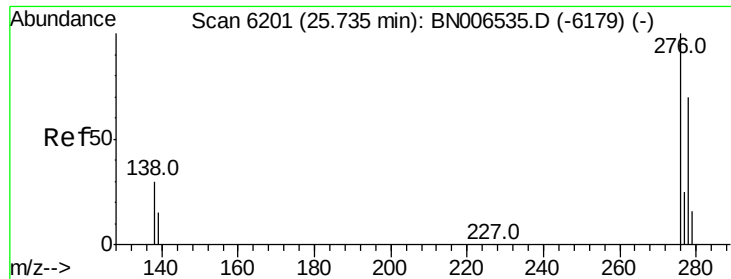


#23
Benzo(a)pyrene
Concen: 0.111 ng/ul m
RT: 23.39 min Scan# 5430
Delta R.T. -0.02 min
Lab File: BN006544.D
Acq: 24 Jun 2019 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.1	21.1	31.7#
125	26.6	20.3	30.5

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





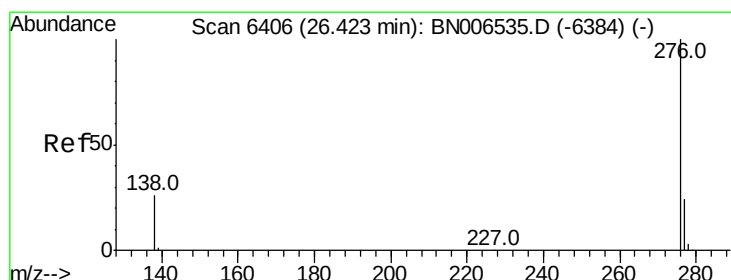
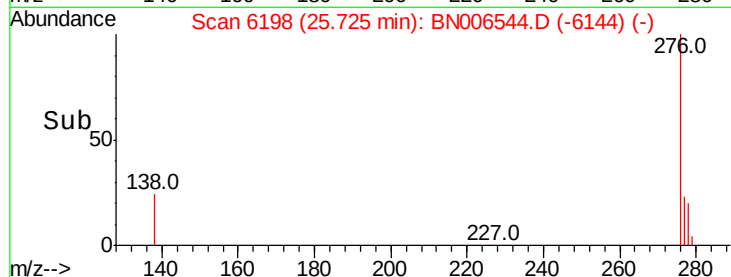
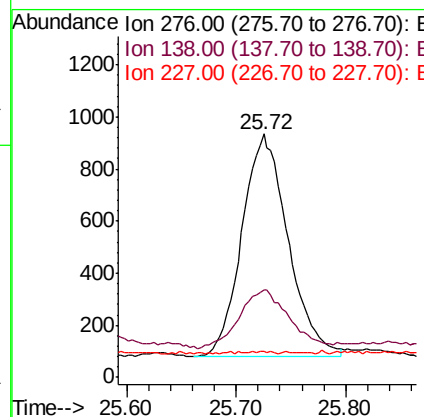
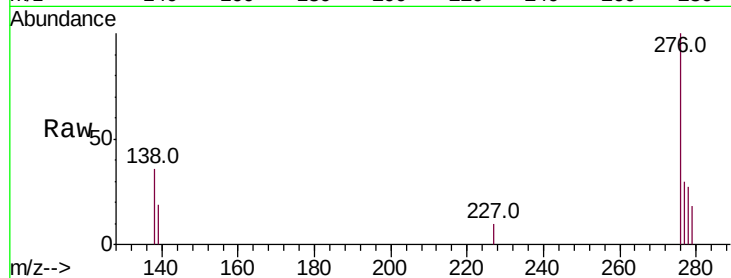
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.071 ng/ul m
 RT: 25.72 min Scan# 6198
 Delta R.T. -0.02 min
 Lab File: BN006544.D
 Acq: 24 Jun 2019 22:48

Instrument :
 BNA_N
 ClientSampleId :
 A41X4

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.5	25.6	38.4#
227	0.3	0.3	0.5#

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:20:41 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.070 ng/ul m
 RT: 26.41 min Scan# 6401
 Delta R.T. -0.02 min
 Lab File: BN006544.D
 Acq: 24 Jun 2019 22:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.9	24.2	36.4#
277	32.8	21.5	32.3#

