

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006207.D
 Acq On : 09 Jun 2019 01:24
 Operator : JU/SJ
 Sample : K3017-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51E6

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:33:16 PM

Quant Time: Jun 10 02:37:15 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4983	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19181	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9976	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21240m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17137m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16843m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5011	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11224m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	5620	0.082	ng/ul	94
15) Fluoranthene	19.12	202	20746m	0.276	ng/ul	
17) Pyrene	19.49	202	17088	0.189	ng/ul	97
18) Benzo(a)anthracene	21.24	228	5577	0.074	ng/ul#	87
19) Chrysene	21.30	228	10308	0.145	ng/ul#	92
21) Benzo(b)fluoranthene	22.82	252	14498m	0.206	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	5932m	0.087	ng/ul	
23) Benzo(a)pyrene	23.39	252	7894	0.121	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.72	276	6776	0.096	ng/ul	93
26) Benzo(g,h,i)perylene	26.40	276	6225	0.105	ng/ul#	81

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

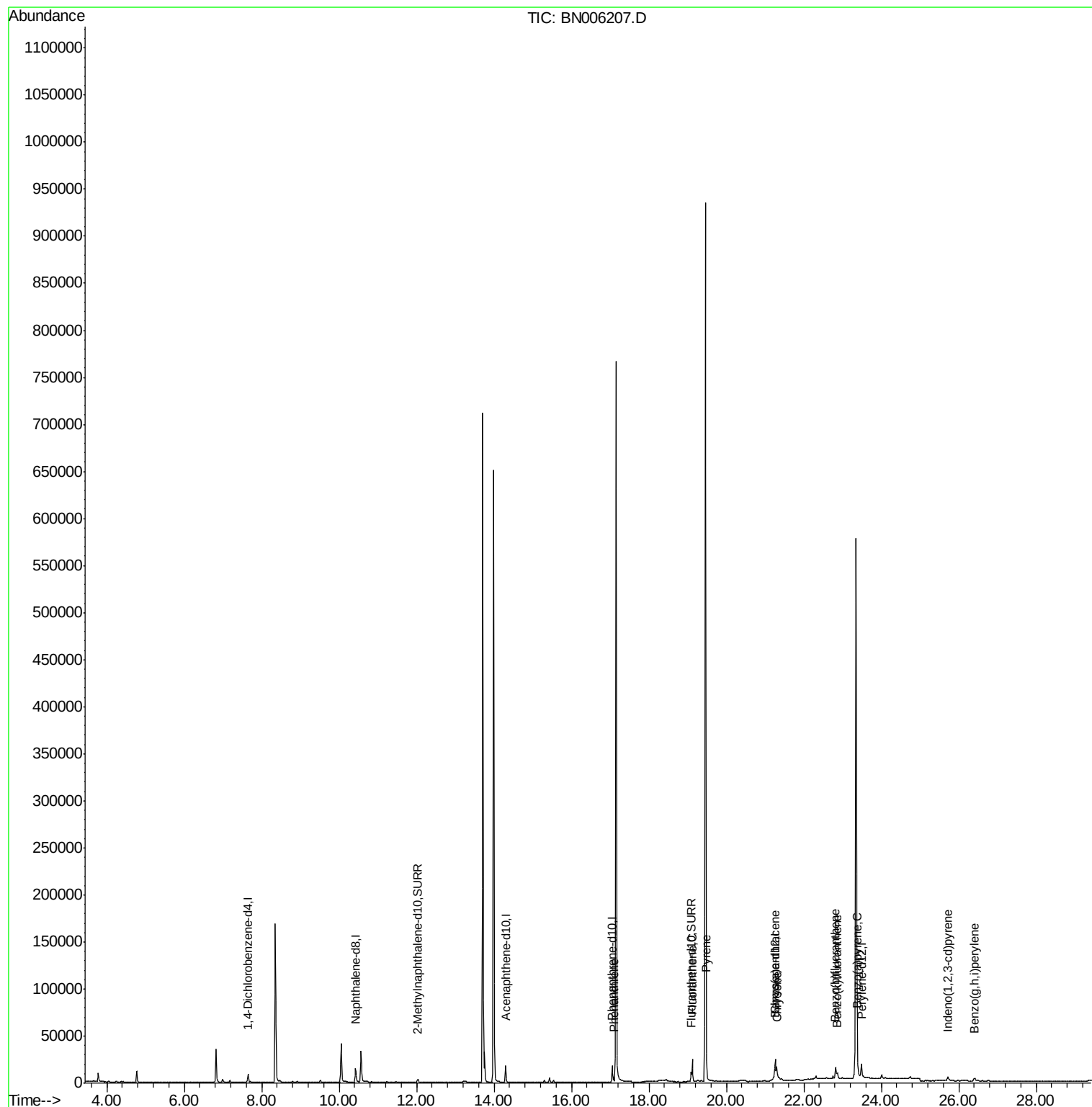
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

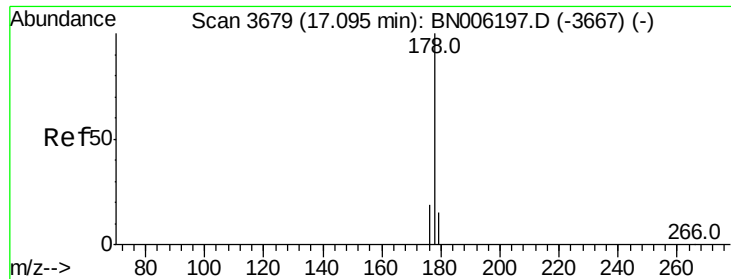
Instrument :
BNA_N
ClientSampleId :
A51E6

Manual Integrations
APPROVED

mohammad
6/11/2019 4:33:16 PM

Quant Time: Jun 10 02:37:15 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.082 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006207.D

Acq: 09 Jun 2019 01:24

Instrument :

BNA_N

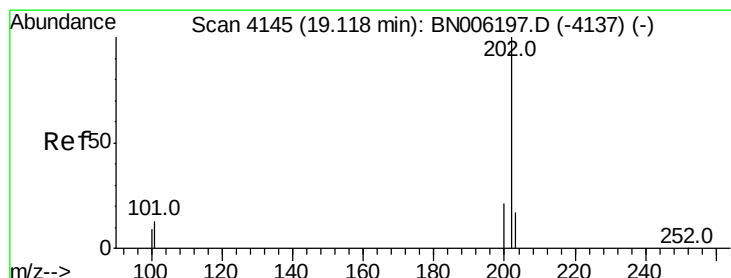
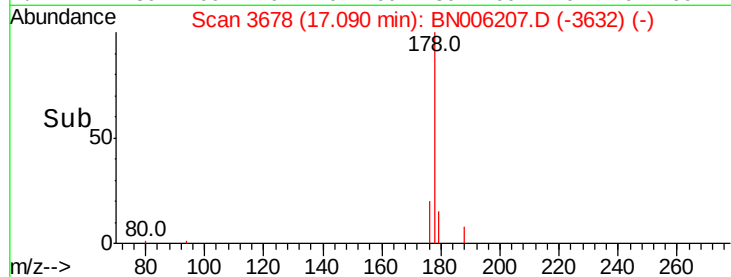
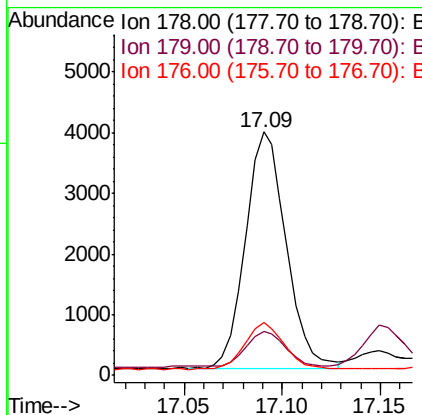
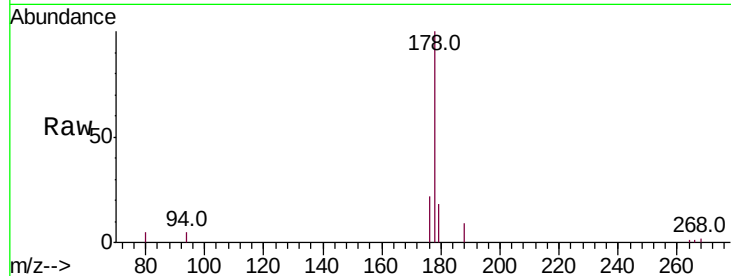
ClientSampled :

A51E6

Tot Ion:178	Resp:	5620
Ion Ratio	Lower	Upper
178	100	
179	18.1	12.3 18.5
176	21.6	15.3 22.9

Manual Integrations
APPROVED

mohammad
6/11/2019 4:33:16 PM



#15

Fluoranthene

Concen: 0.276 ng/ul m

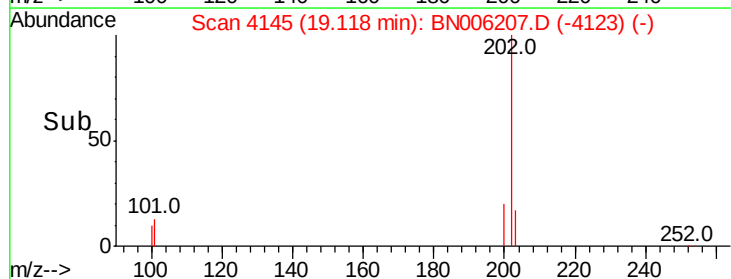
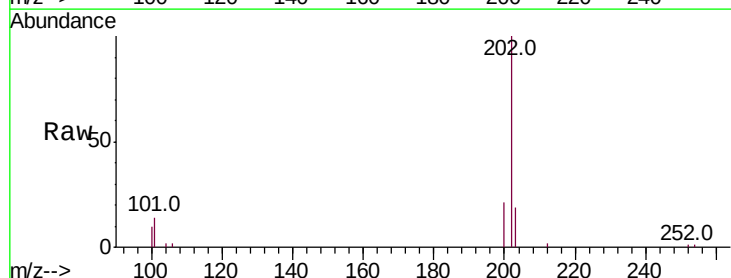
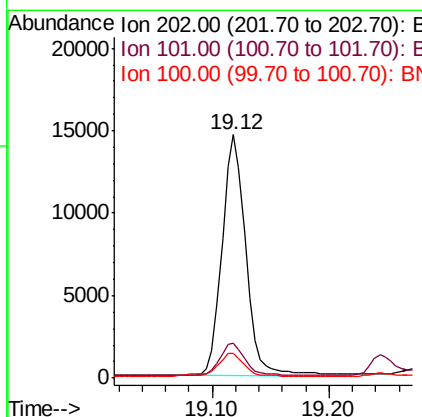
RT: 19.12 min Scan# 4145

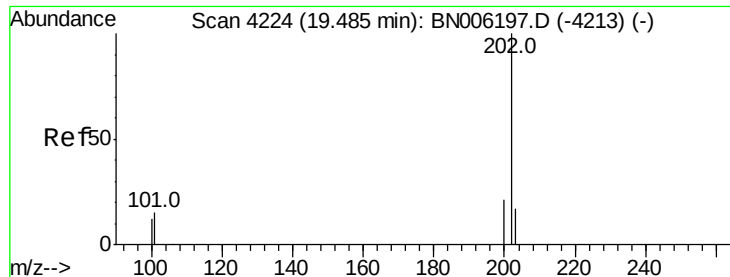
Delta R.T. -0.00 min

Lab File: BN006207.D

Acq: 09 Jun 2019 01:24

Tgt Ion:202	Resp:	20746
Ion Ratio	Lower	Upper
202	100	
101	14.4	0.0 32.1
100	10.2	0.0 28.7





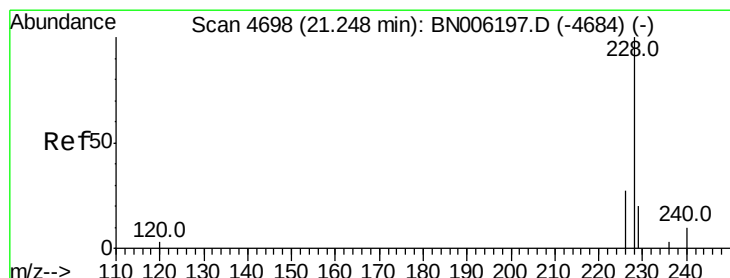
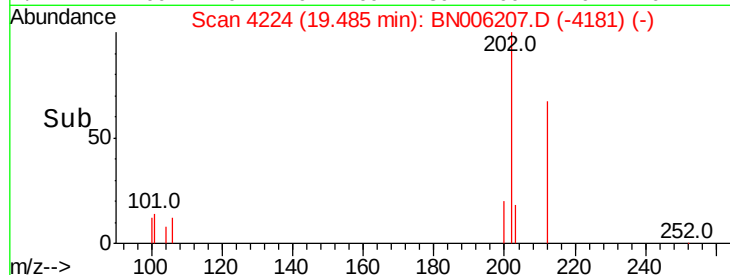
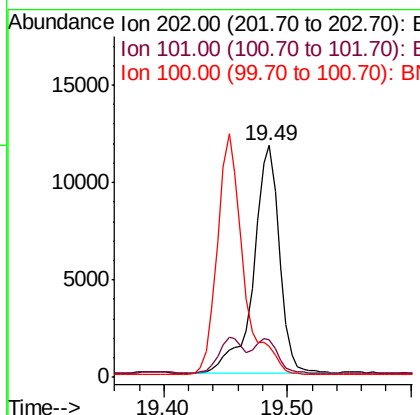
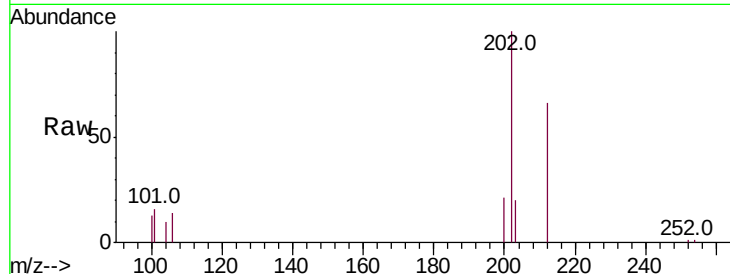
#17
Pvrene
Concen: 0.189 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006207.D
Acq: 09 Jun 2019 01:24

Instrument :
BNA_N
ClientSampleId :
A51E6

Tot Ion:	202	Resp:	17088
Ion Ratio	Lower	Upper	
202	100		
101	16.3	12.2	18.2
100	13.2	9.8	14.6

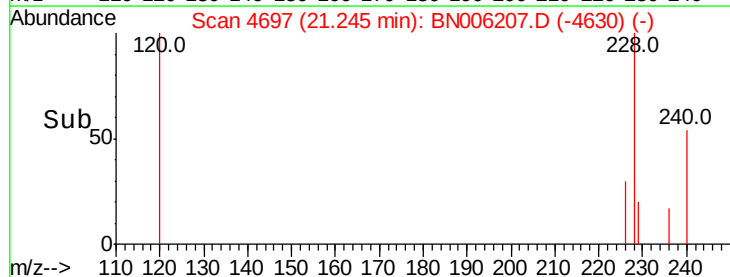
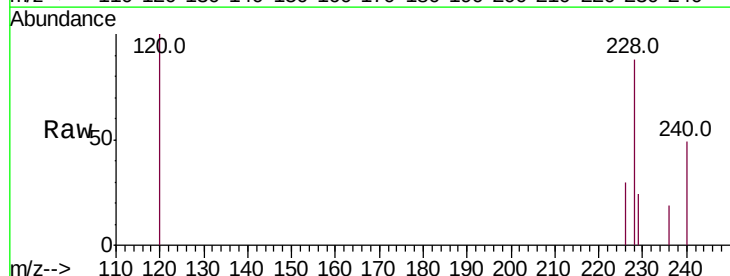
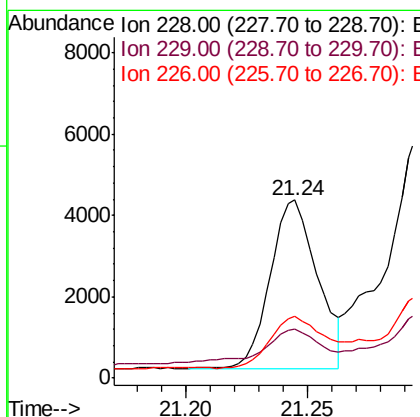
Manual Integrations
APPROVED

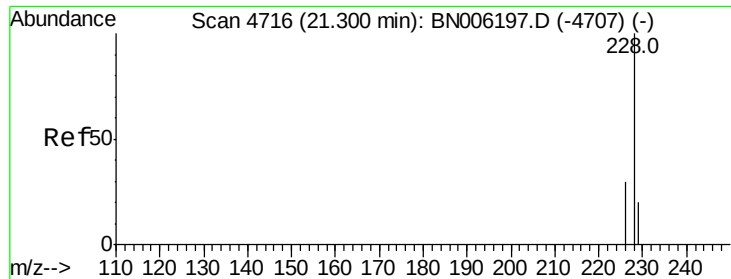
mohammad
6/11/2019 4:33:16 PM



#18
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006207.D
Acq: 09 Jun 2019 01:24

Tgt Ion:	228	Resp:	5577
Ion Ratio	Lower	Upper	
228	100		
229	27.3	16.5	24.7#
226	34.4	22.8	34.2#





#19

Chrysene

Concen: 0.145 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006207.D

Acq: 09 Jun 2019 01:24

Instrument :

BNA_N

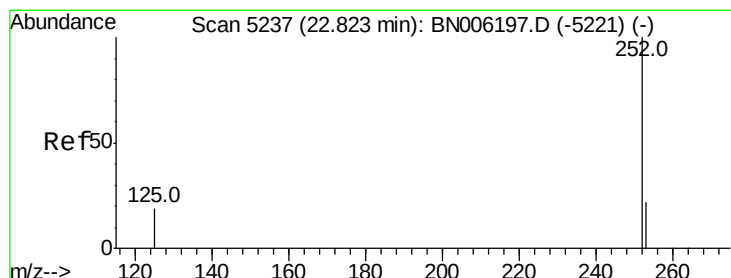
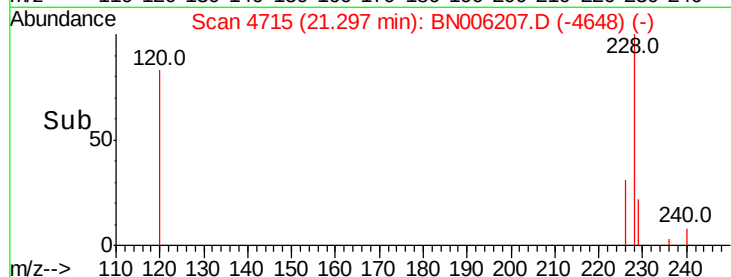
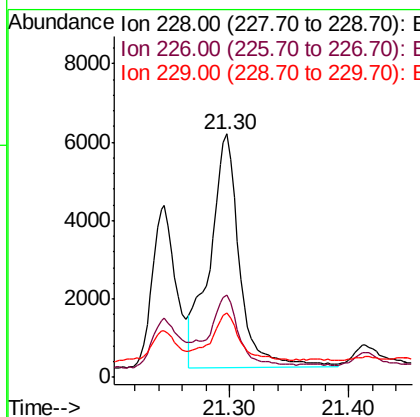
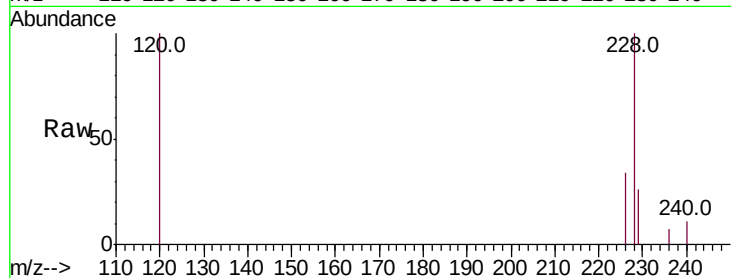
ClientSampleId :

A51E6

Tot Ion:	228	Resp:	10308
Ion Ratio	Lower	Upper	
228	100		
226	33.9	25.0	37.6
229	26.4	16.3	24.5#

Manual Integrations
APPROVED

mohammad
6/11/2019 4:33:16 PM



#21

Benzo(b)fluoranthene

Concen: 0.206 ng/ul m

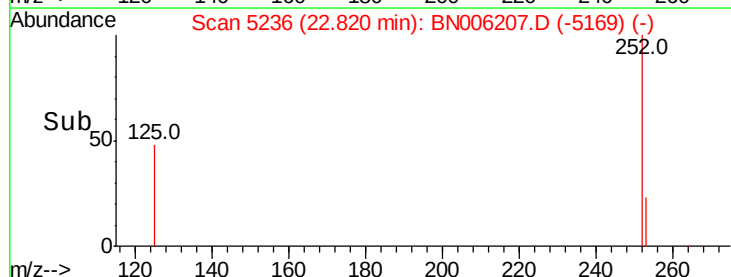
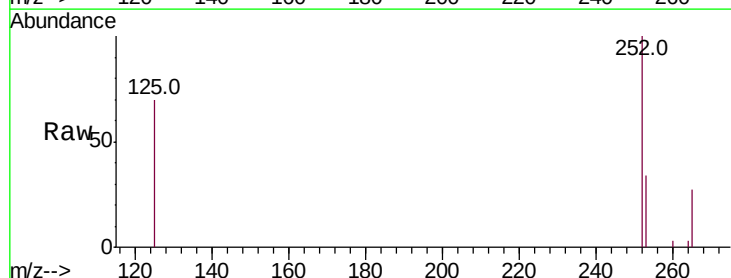
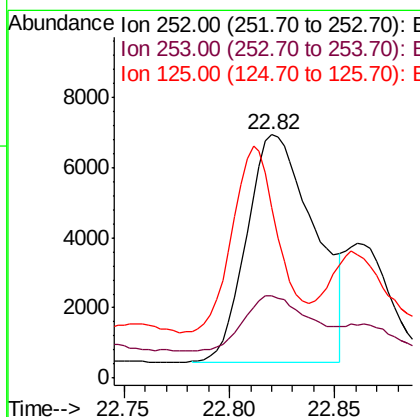
RT: 22.82 min Scan# 5236

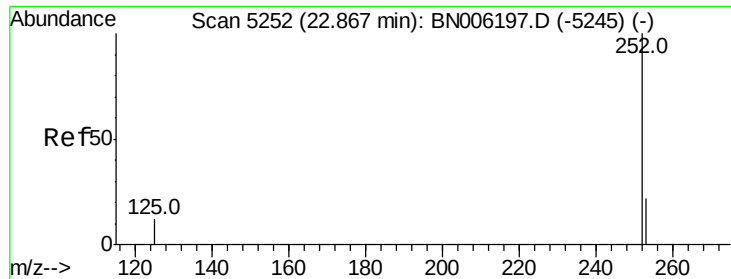
Delta R.T. -0.00 min

Lab File: BN006207.D

Acq: 09 Jun 2019 01:24

Tgt Ion:	252	Resp:	14498
Ion Ratio	Lower	Upper	
252	100		
253	33.9	0.0	51.4
125	70.0	0.0	41.0#





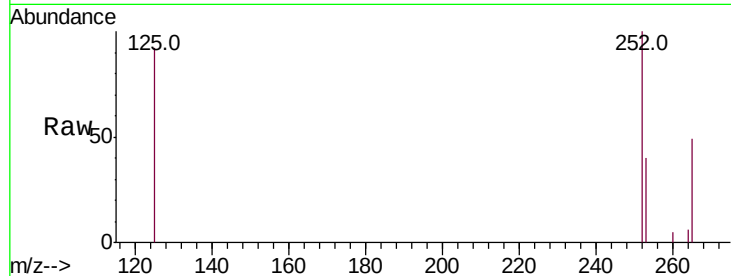
#22
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.01 min
Lab File: BN006207.D
Acq: 09 Jun 2019 01:24

Instrument :
BNA_N
ClientSampleId :
A51E6

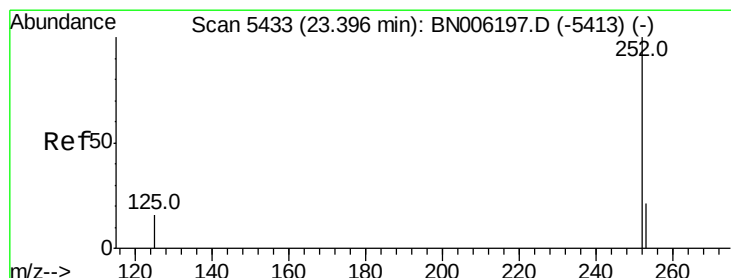
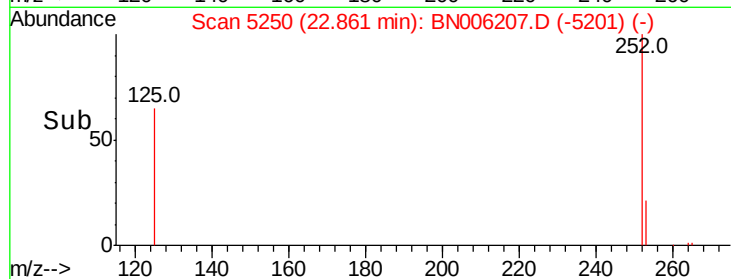
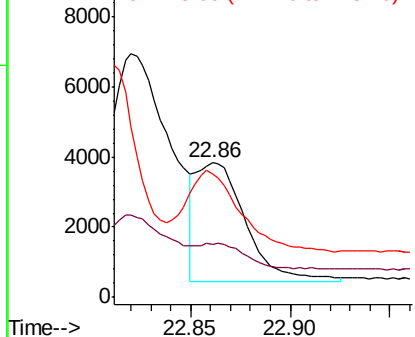
Tot Ion	Ratio	Lower	Upper
252	100		
253	39.7	20.3	30.5#
125	92.0	14.3	21.5#

Manual Integrations
APPROVED

mohammad
6/11/2019 4:33:16 PM



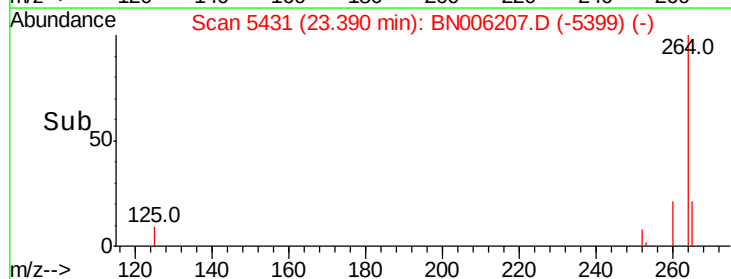
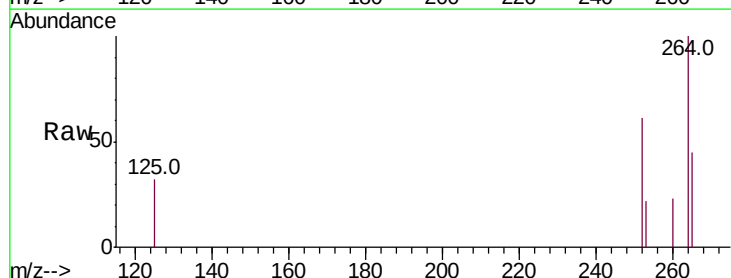
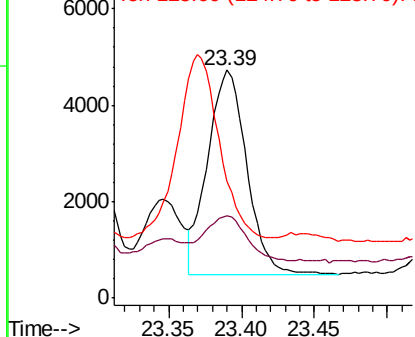
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

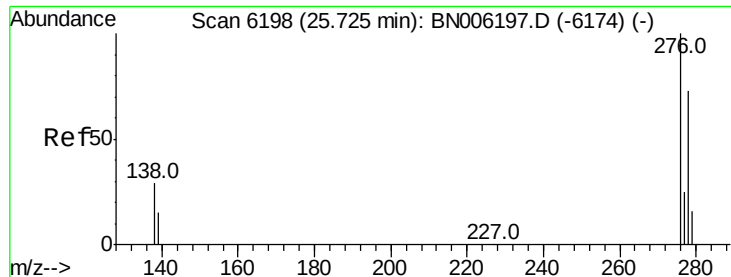


#23
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.39 min Scan# 5431
Delta R.T. -0.01 min
Lab File: BN006207.D
Acq: 09 Jun 2019 01:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.1	21.1	31.7#
125	51.5	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





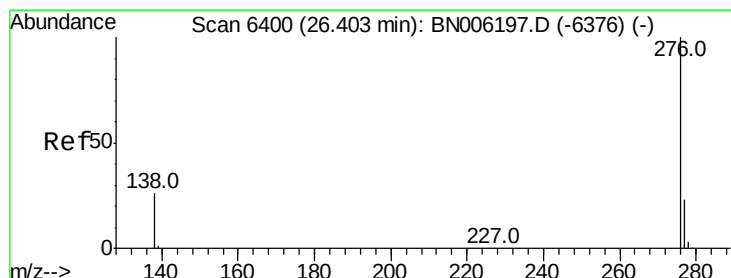
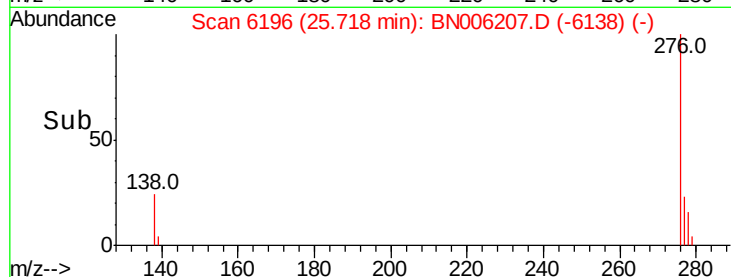
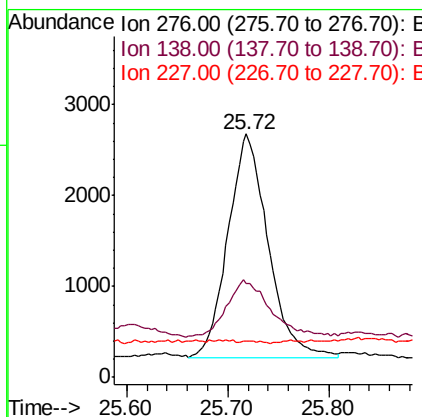
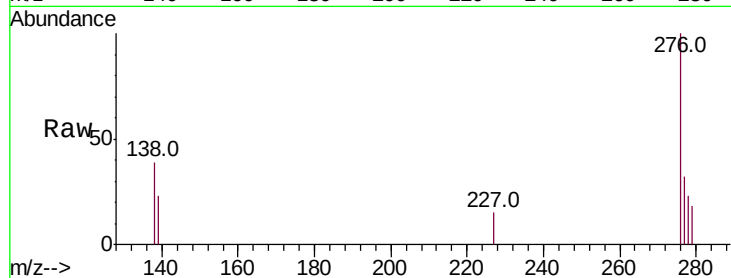
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.096 ng/ul
 RT: 25.72 min Scan# 6196
 Delta R.T. -0.01 min
 Lab File: BN006207.D
 Acq: 09 Jun 2019 01:24

Instrument :
 BNA_N
 ClientSampleId :
 A51E6

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.6	38.4
227	0.5	0.3	0.5

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:33:16 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.105 ng/ul
 RT: 26.40 min Scan# 6400
 Delta R.T. 0.00 min
 Lab File: BN006207.D
 Acq: 09 Jun 2019 01:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.7	24.2	36.4#
277	33.0	21.5	32.3#

