

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006172.D
 Acq On : 07 Jun 2019 18:10
 Operator : JU/SJ
 Sample : K3201-04DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5DL

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:41 PM

Quant Time: Jun 08 02:11:24 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17896	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	15193	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	18962	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	850	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1811	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	1618	0.032	ng/ul#	86
12) Phenanthrene	17.09	178	14570	0.254	ng/ul	99
13) Anthracene	17.18	178	3685	0.067	ng/ul#	91
15) Fluoranthene	19.12	202	41358	0.652	ng/ul	96
17) Pyrene	19.49	202	36196	0.452	ng/ul	99
18) Benzo(a)anthracene	21.26	228	19840	0.295	ng/ul	99
19) Chrysene	21.31	228	18387	0.291	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	28025m	0.354	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	12657m	0.164	ng/ul	
23) Benzo(a)pyrene	23.42	252	17411	0.236	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.75	276	14374	0.180	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.76	278	3284	0.052	ng/ul#	80
26) Benzo(g,h,i)perylene	26.44	276	11494	0.172	ng/ul	99

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

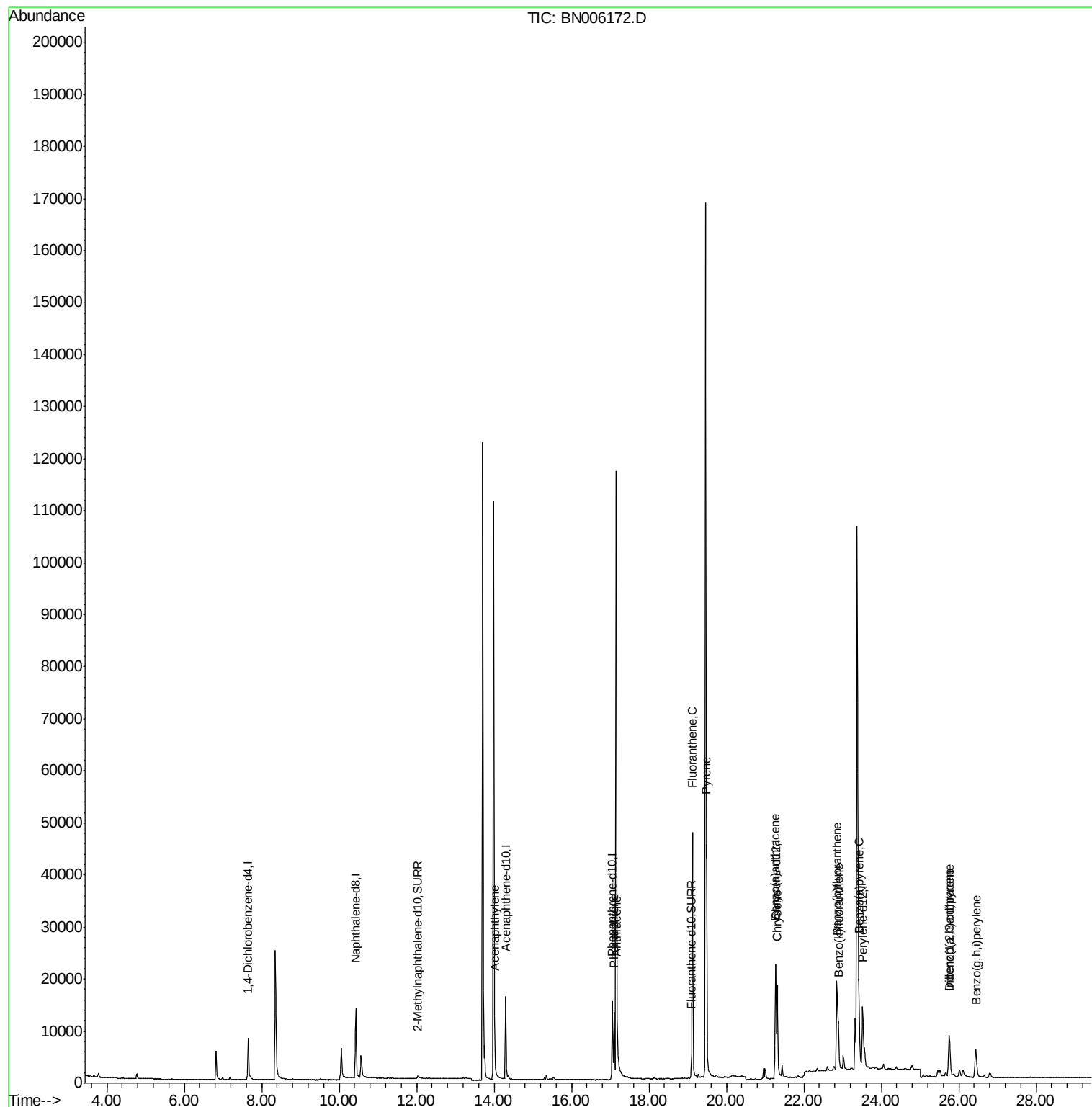
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006172.D
Acq On : 07 Jun 2019 18:10
Operator : JU/SJ
Sample : K3201-04DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

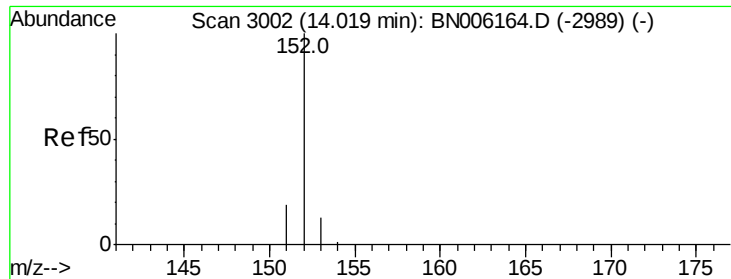
Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:41 PM

Quant Time: Jun 08 02:11:24 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

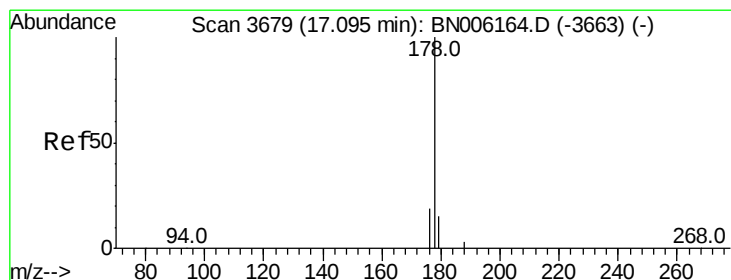
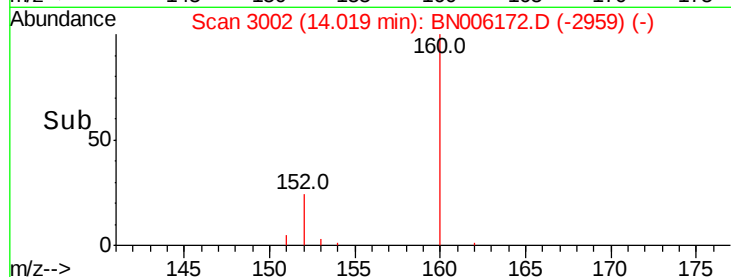
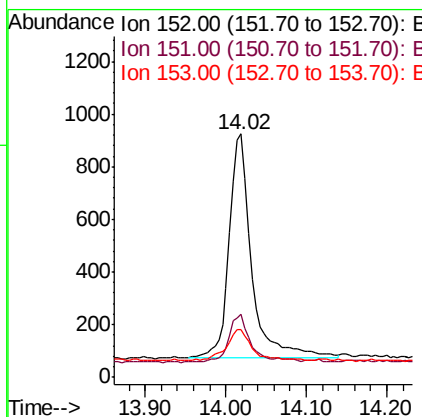
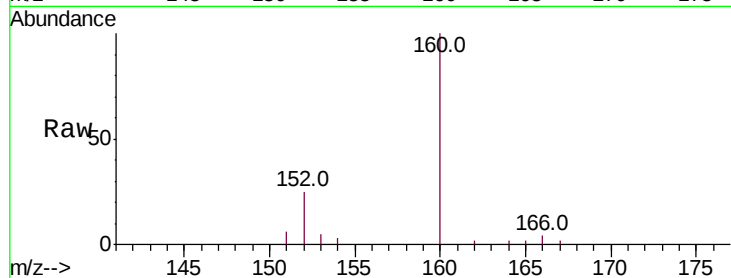
ClientSampleId :

C0AB5DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	25.8	15.8	23.8#
153	19.4	10.8	16.2#

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:41 PM



#12

Phenanthrene

Concen: 0.254 ng/ul

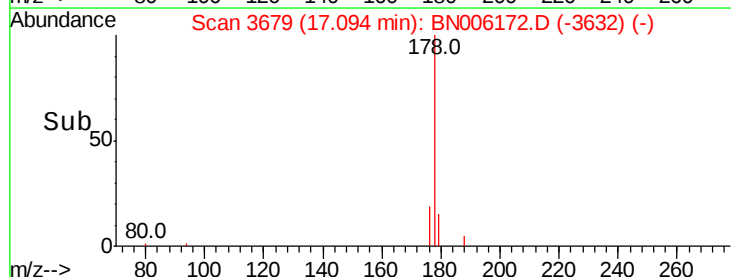
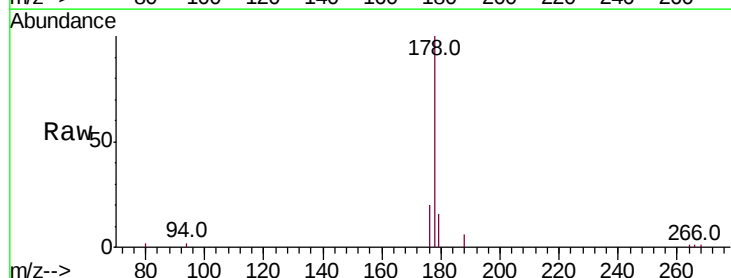
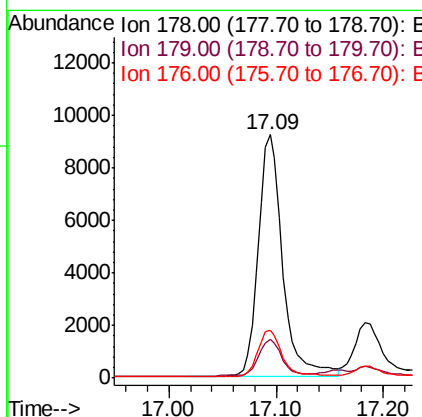
RT: 17.09 min Scan# 3679

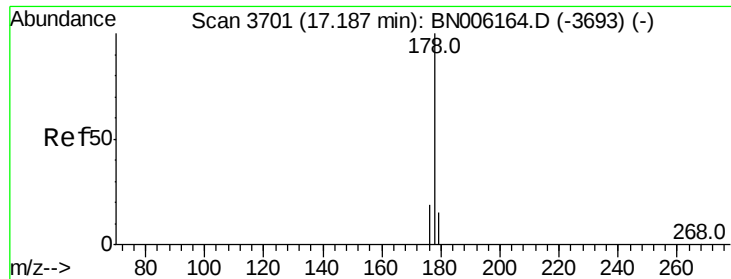
Delta R.T. -0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.8	15.3	22.9





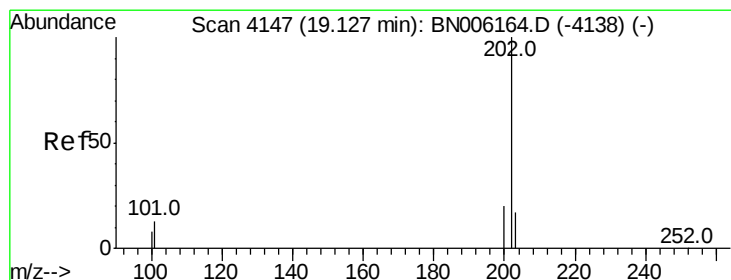
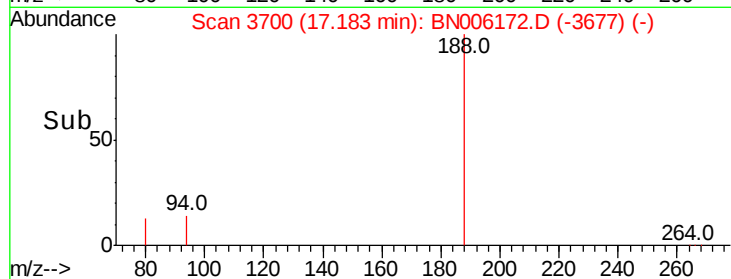
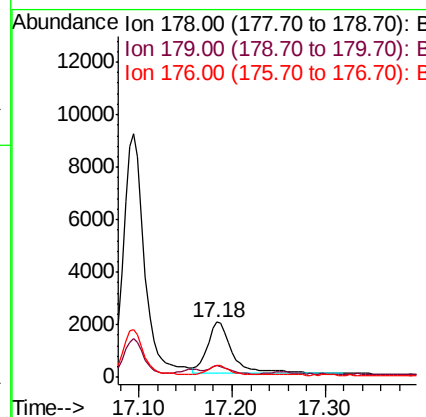
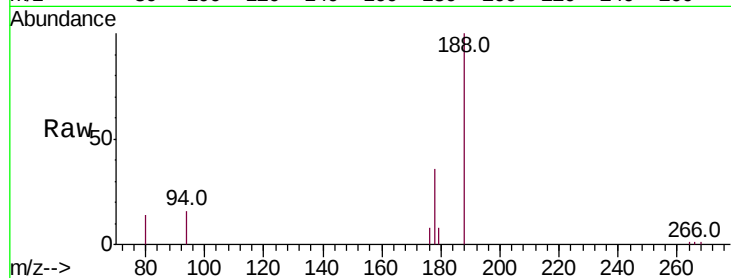
#13
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006172.D
 Acq: 07 Jun 2019 18:10

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.2	18.4#
176	21.3	15.1	22.7

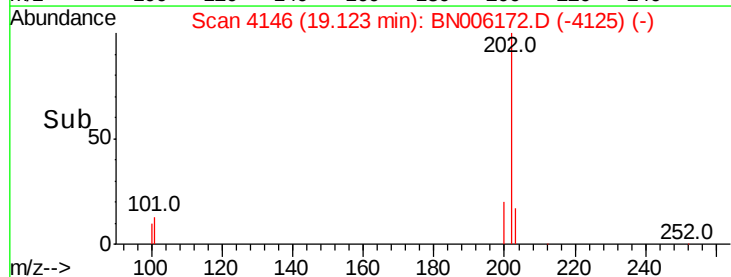
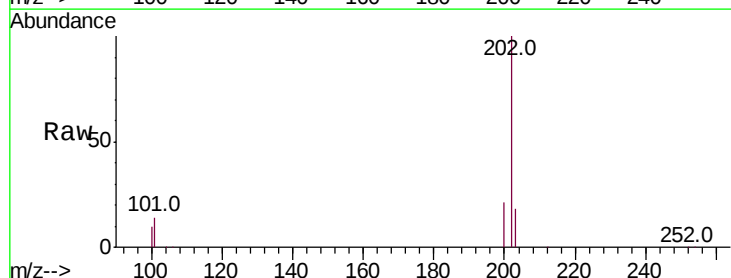
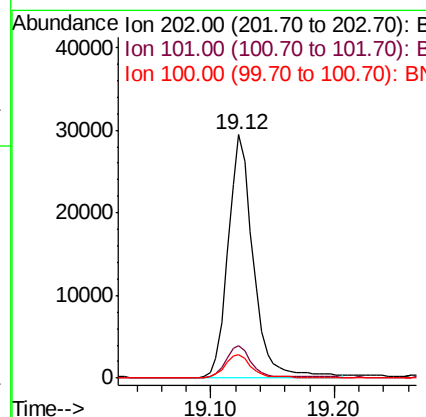
Manual Integrations
 APPROVED

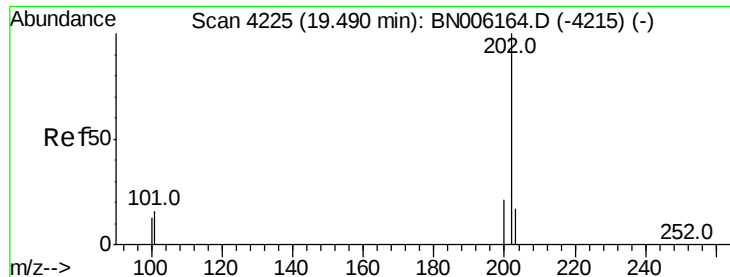
mohammad
 6/11/2019 5:08:41 PM



#15
 Fluoranthene
 Concen: 0.652 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006172.D
 Acq: 07 Jun 2019 18:10

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





#17

Pvrene

Concen: 0.452 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

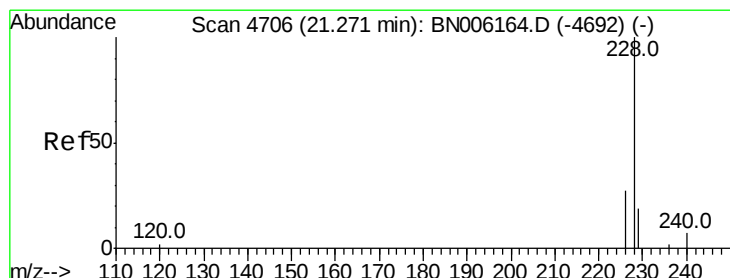
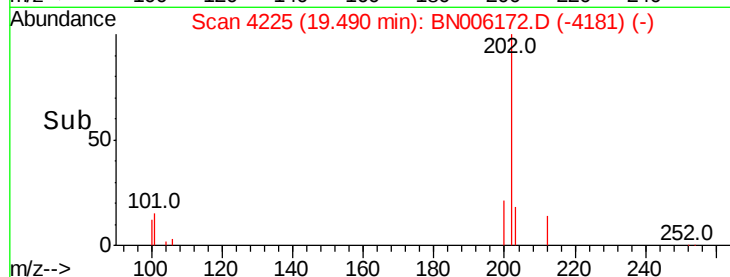
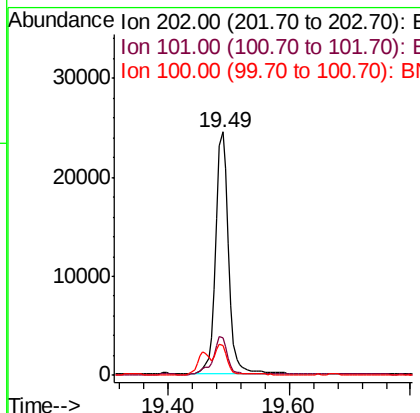
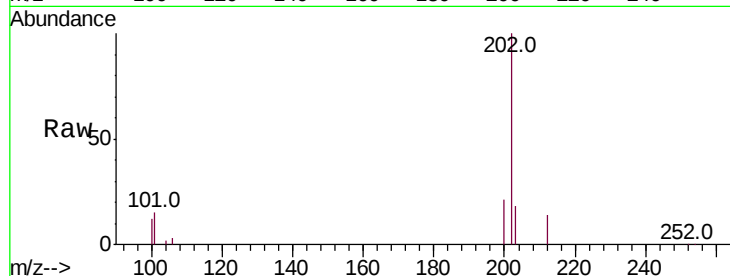
ClientSampleId :

C0AB5DL

Tot Ion:	202	Resp:	36196
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.2	18.2
100	12.4	9.8	14.6

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:41 PM



#18

Benzo(a)anthracene

Concen: 0.295 ng/ul

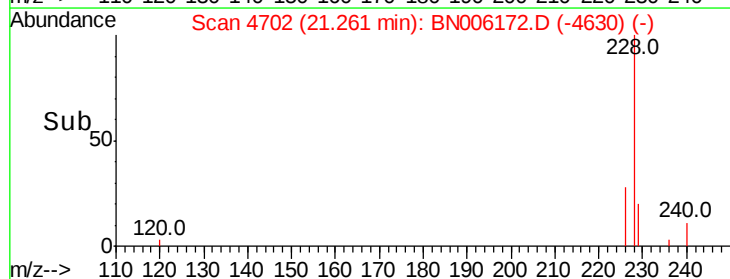
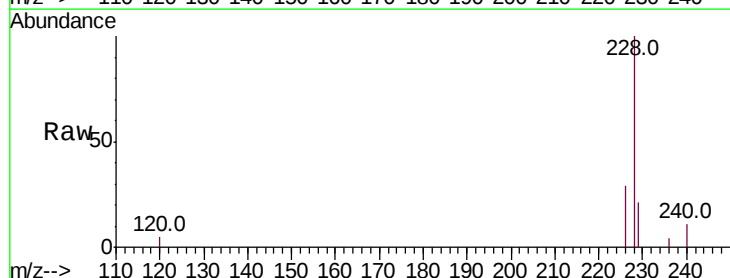
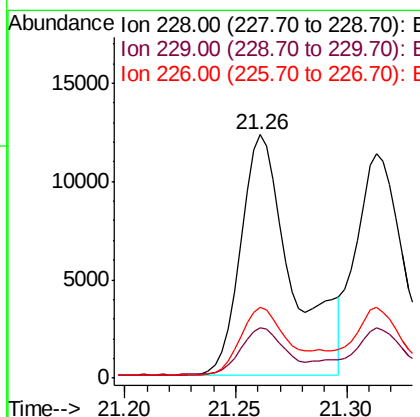
RT: 21.26 min Scan# 4702

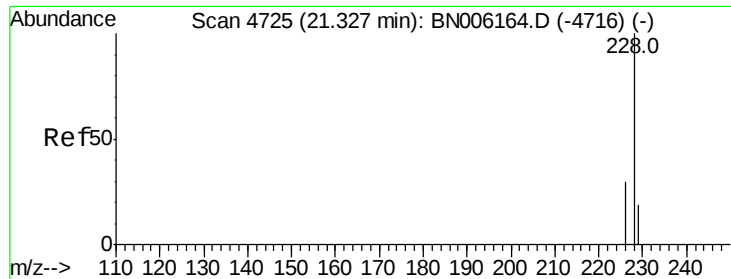
Delta R.T. 0.01 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Tgt Ion:	228	Resp:	19840
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.5	24.7
226	29.2	22.8	34.2





#19

Chrysene

Concen: 0.291 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.01 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

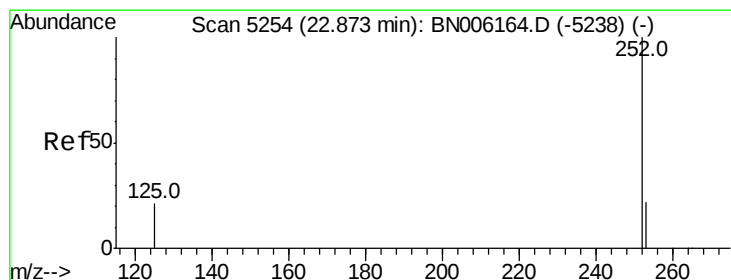
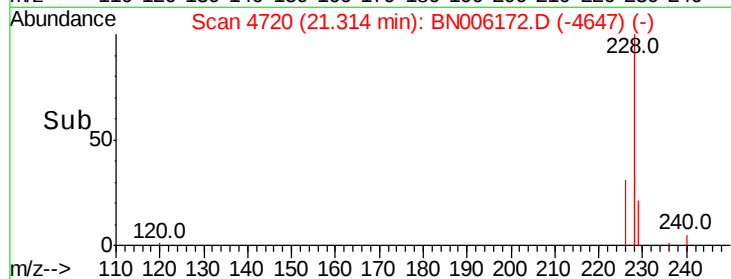
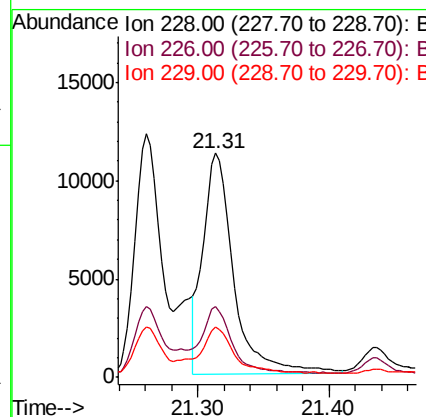
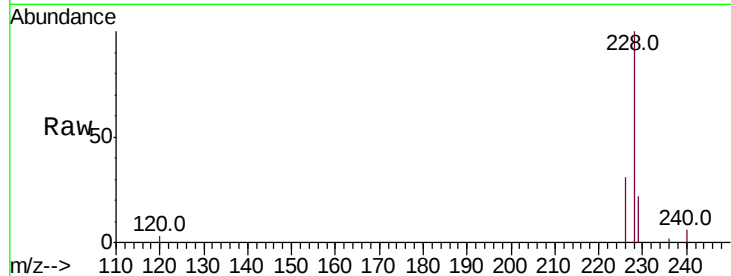
ClientSampleId :

C0AB5DL

Tot Ion:	228	Resp:	18387
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	22.2	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:41 PM



#21

Benzo(b)fluoranthene

Concen: 0.354 ng/ul m

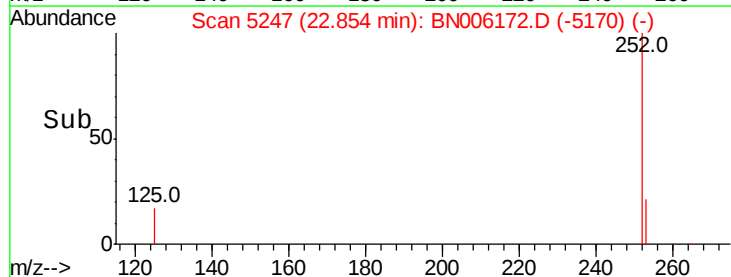
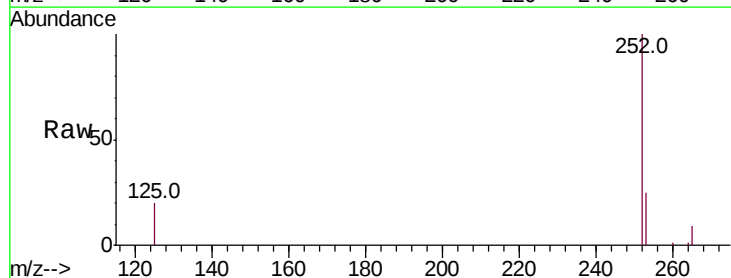
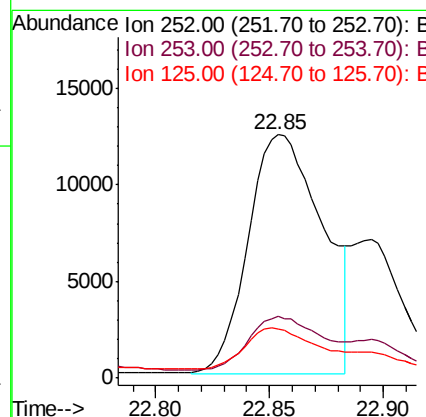
RT: 22.85 min Scan# 5247

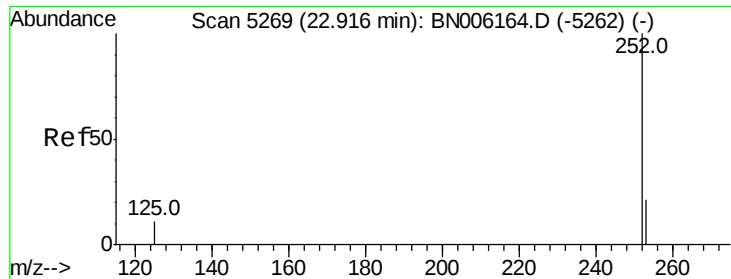
Delta R.T. 0.02 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Tgt Ion:	252	Resp:	28025
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	51.4
125	20.3	0.0	41.0





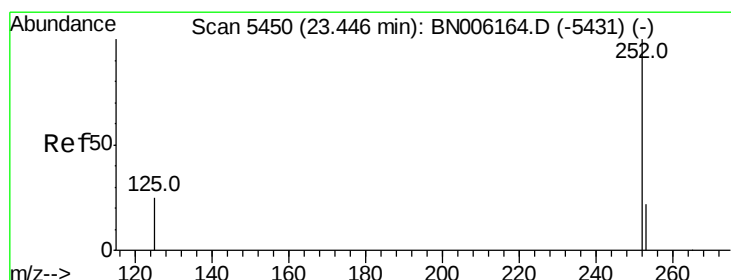
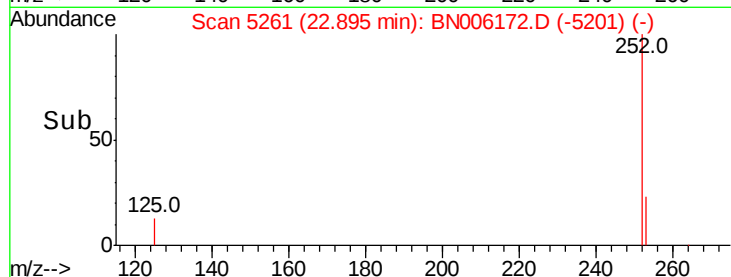
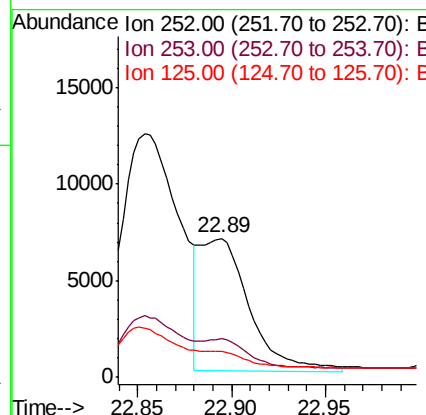
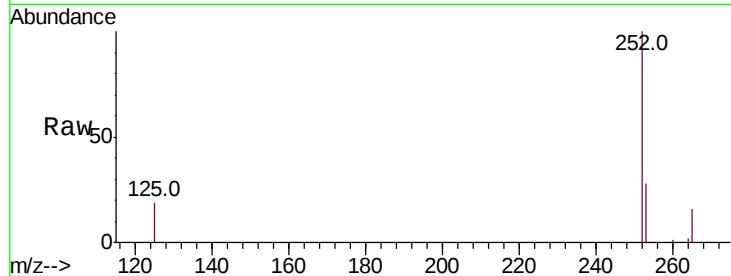
#22
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 22.89 min Scan# 5261
Delta R.T. 0.02 min
Lab File: BN006172.D
Acq: 07 Jun 2019 18:10

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.3	30.5
125	18.6	14.3	21.5

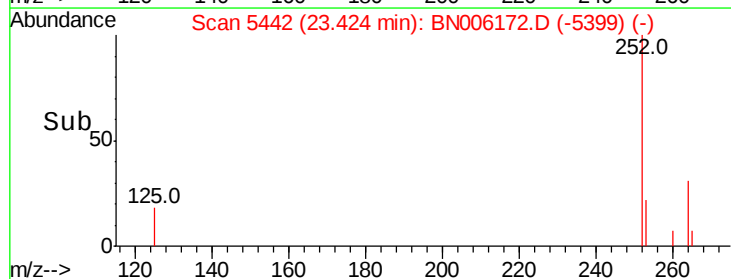
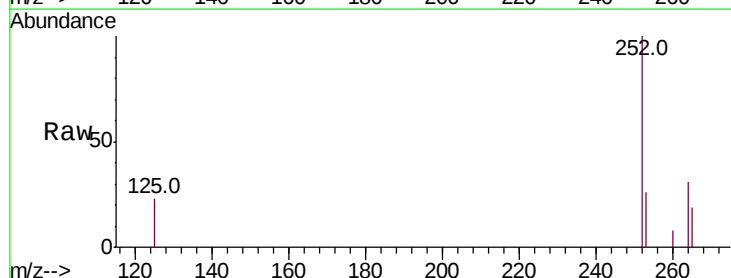
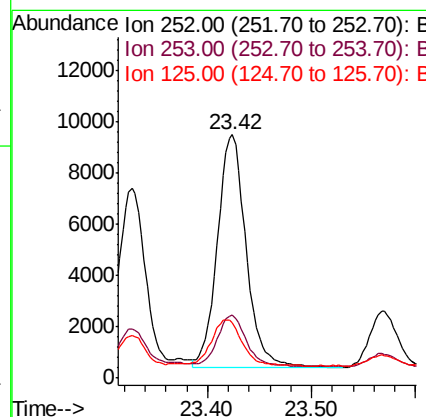
Manual Integrations
APPROVED

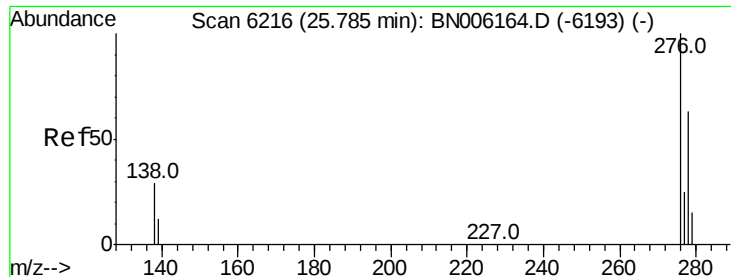
mohammad
6/11/2019 5:08:41 PM



#23
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.42 min Scan# 5442
Delta R.T. 0.02 min
Lab File: BN006172.D
Acq: 07 Jun 2019 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.1	31.7
125	22.6	20.3	30.5





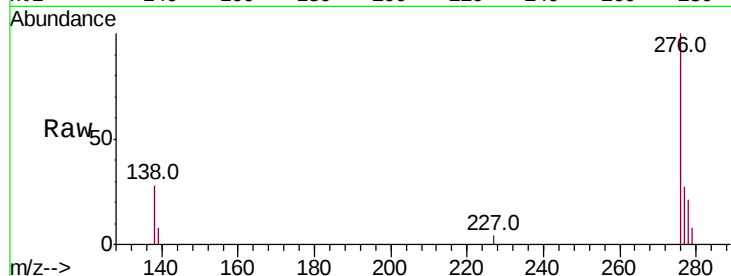
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.180 ng/ul
 RT: 25.75 min Scan# 6206
 Delta R.T. 0.02 min
 Lab File: BN006172.D
 Acq: 07 Jun 2019 18:10

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.6	38.4#
227	0.2	0.3	0.5#

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:41 PM

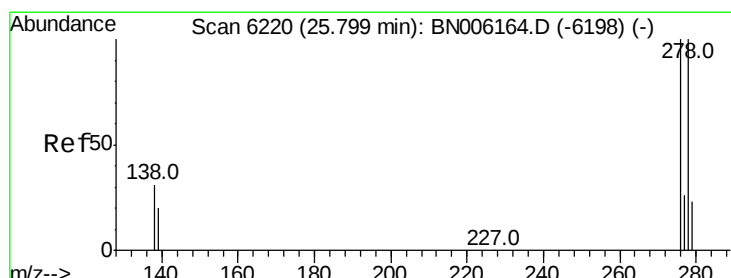
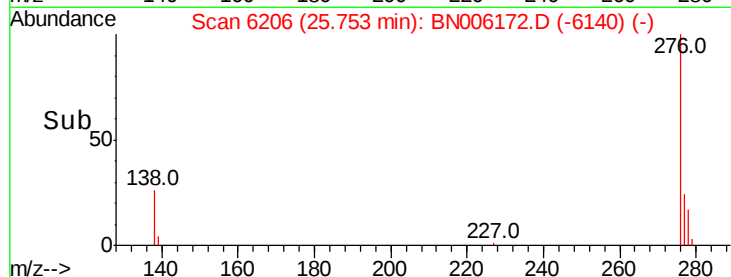
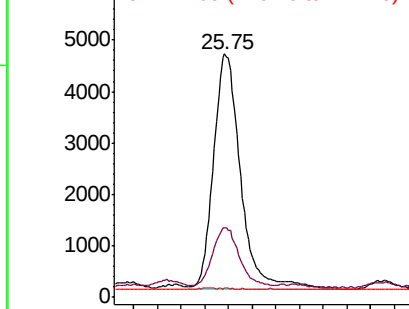


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.052 ng/ul
 RT: 25.76 min Scan# 6209
 Delta R.T. 0.02 min
 Lab File: BN006172.D
 Acq: 07 Jun 2019 18:10

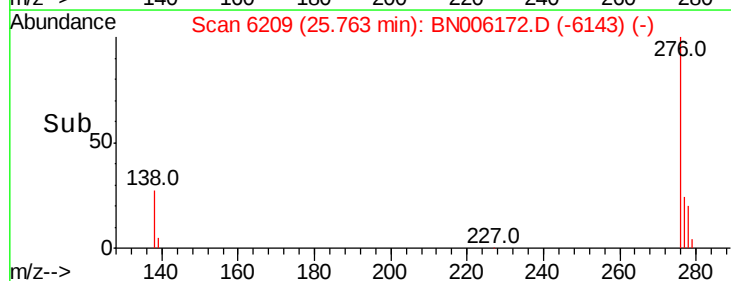
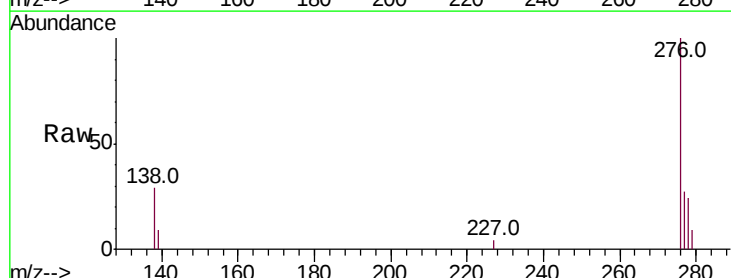
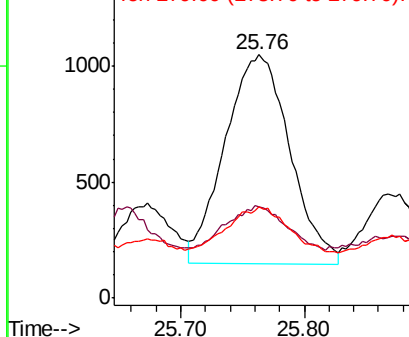
Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.6	21.2	31.8#
279	37.7	22.6	33.8#

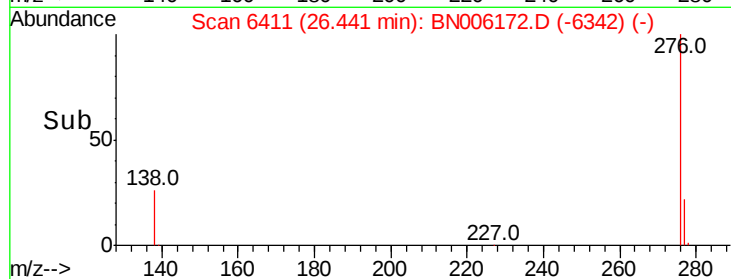
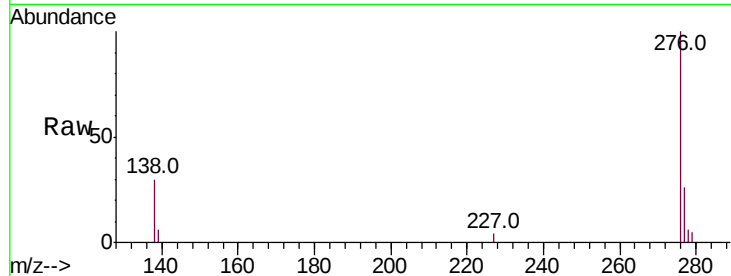
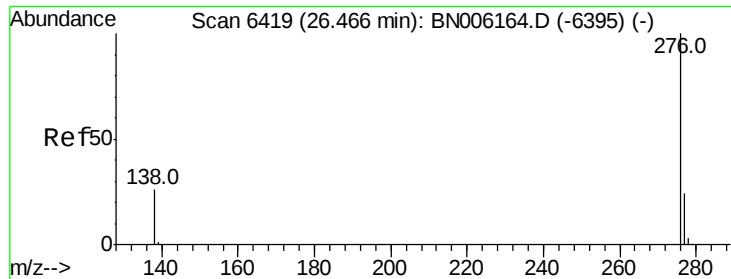
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.172 ng/ul

RT: 26.44 min Scan# 6411

Delta R.T. 0.03 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

ClientSampleId :

C0AB5DL

Tot Ion:	276	Resp:	11494
Ion Ratio	Lower	Upper	
276	100		
138	30.5	24.2	36.4
277	25.5	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:41 PM

