

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006902.D
 Acq On : 18 Jul 2019 21:20
 Operator : HP/JU
 Sample : K3764-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52G6

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:46 PM

Quant Time: Jul 19 04:24:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	11052	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5595	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11999m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	10323m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	13526	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2078	0.12	ng/ul	0.01
14) Fluoranthene-d10	19.04	212	5562m	0.16	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.30	153	1231	0.055	ng/ul	98
9) Fluorene	15.30	166	1493	0.061	ng/ul#	98
12) Phenanthrene	17.04	178	24484	0.634	ng/ul	99
13) Anthracene	17.13	178	4145m	0.124	ng/ul	
15) Fluoranthene	19.07	202	42712m	0.895	ng/ul	
17) Pyrene	19.43	202	36719	0.778	ng/ul	97
18) Benzo(a)anthracene	21.21	228	14061	0.332	ng/ul	97
19) Chrysene	21.26	228	15978	0.338	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	21326m	0.385	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	6527m	0.113	ng/ul	
23) Benzo(a)pyrene	23.34	252	12947	0.238	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.68	276	9261	0.168	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.68	278	1960	0.045	ng/ul#	74
26) Benzo(g,h,i)perylene	26.36	276	9334	0.203	ng/ul	96

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

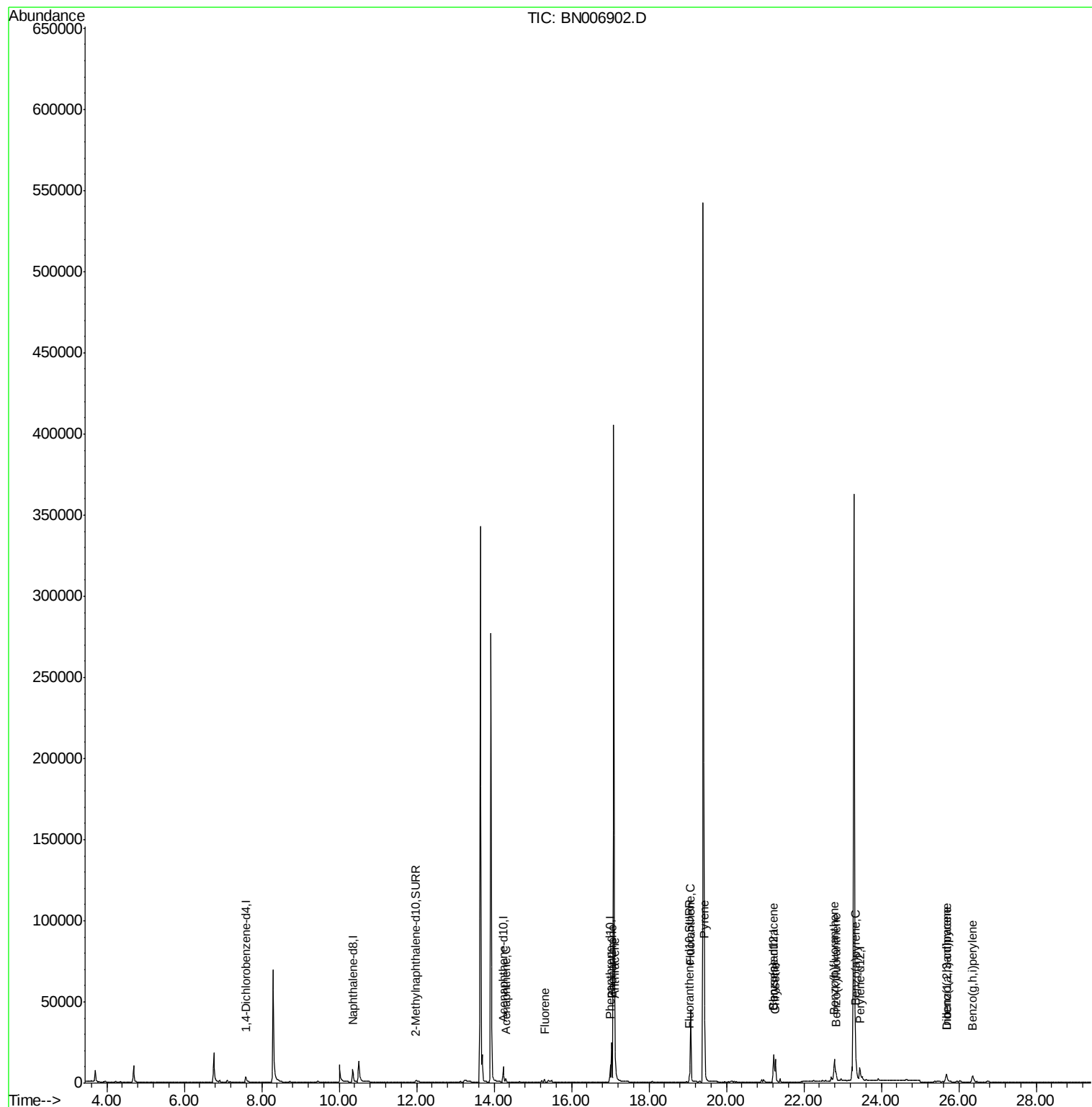
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

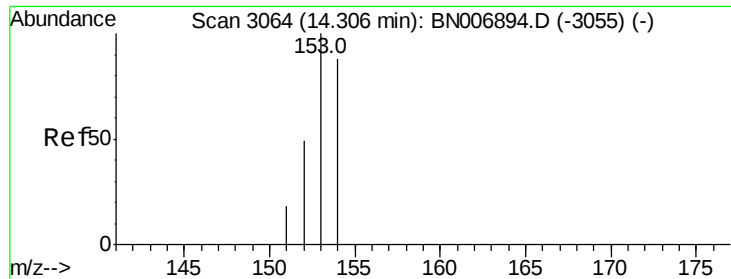
Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:46 PM

Quant Time: Jul 19 04:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.055 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN006902.D

Acq: 18 Jul 2019 21:20

Instrument :

BNA_N

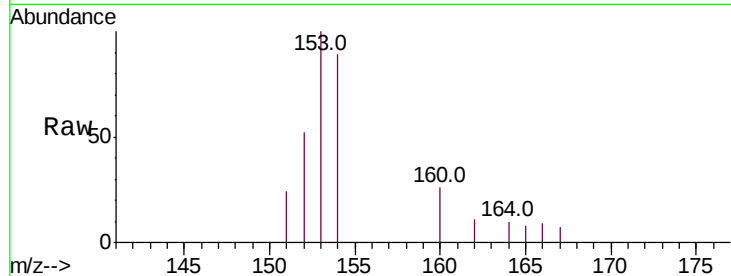
ClientSampled :

A52G6

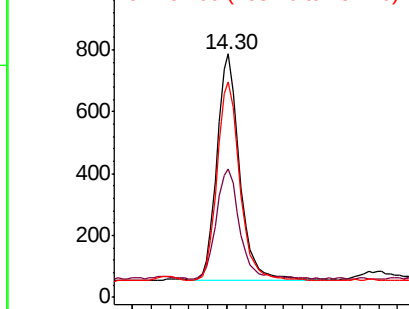
Tot Ion:	153	Resp:	1231
Ion Ratio	Lower	Upper	
153	100		
152	52.5	39.3	58.9
154	88.6	70.6	105.8

Manual Integrations
APPROVED

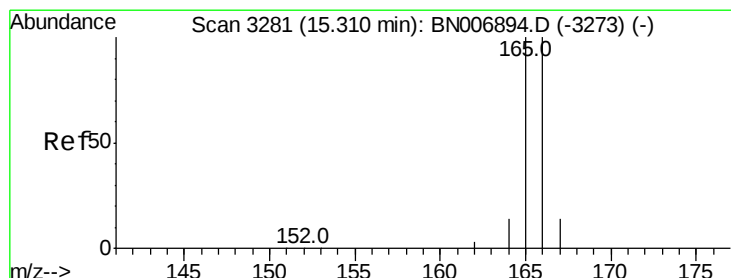
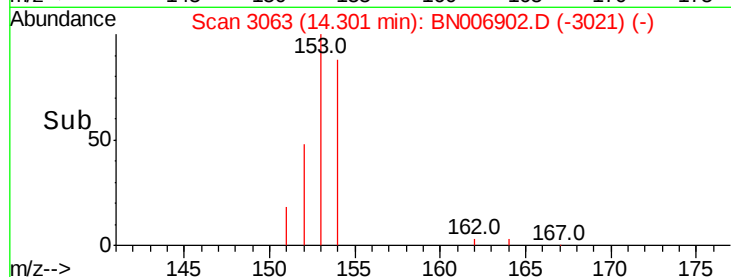
mohammad
7/19/2019 3:59:46 PM



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.061 ng/ul

RT: 15.30 min Scan# 3278

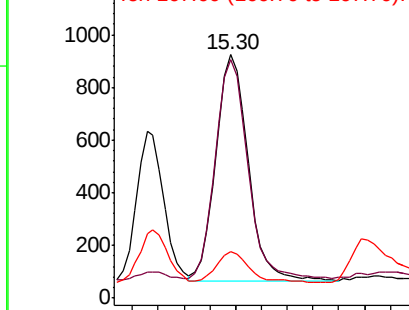
Delta R.T. -0.01 min

Lab File: BN006902.D

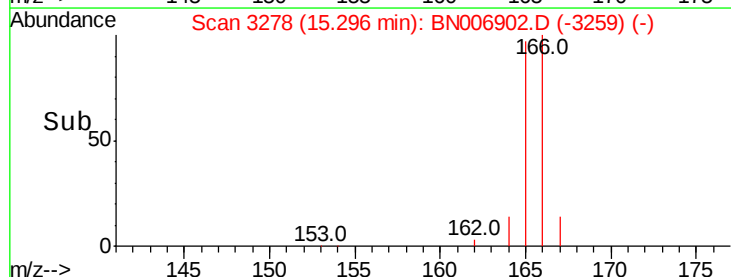
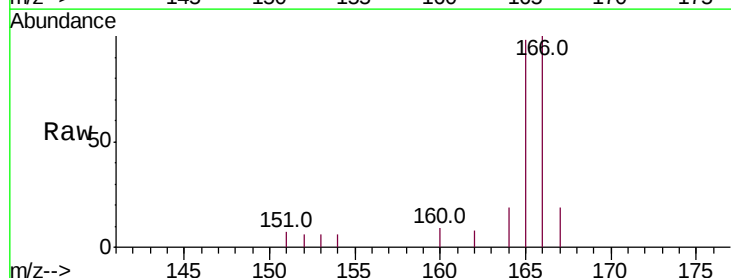
Acq: 18 Jul 2019 21:20

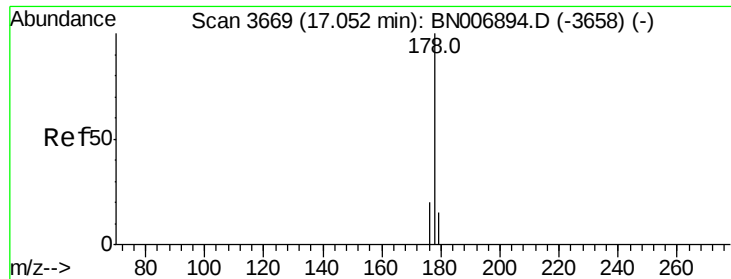
Tgt Ion:	166	Resp:	1493
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.2	117.4
167	18.9	11.3	16.9#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.634 ng/ul

RT: 17.04 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BN006902.D

Acq: 18 Jul 2019 21:20

Instrument :

BNA_N

ClientSampleId :

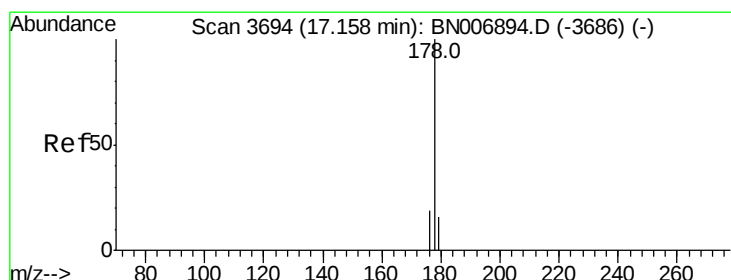
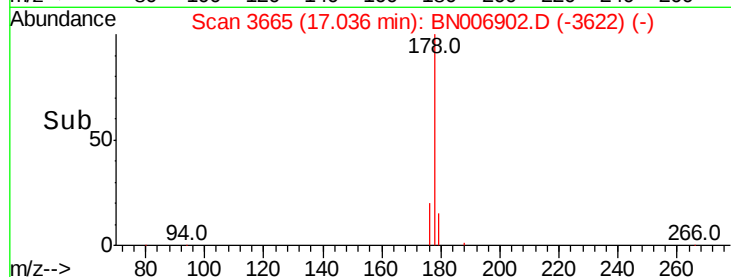
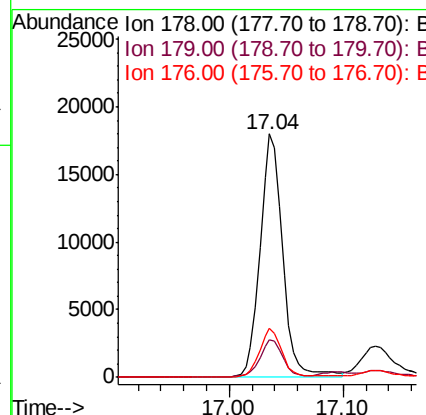
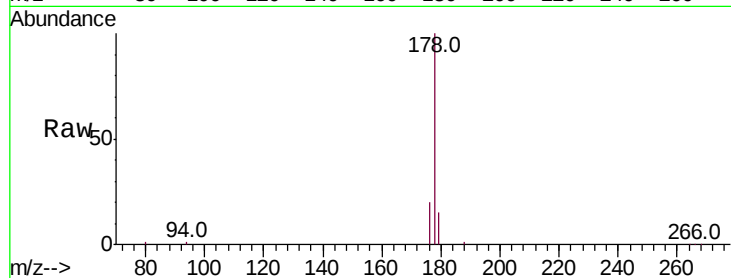
A52G6

Tot Ion:178 Resp: 24484

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	20.0	15.8	23.8

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:46 PM



#13

Anthracene

Concen: 0.124 ng/ul m

RT: 17.13 min Scan# 3687

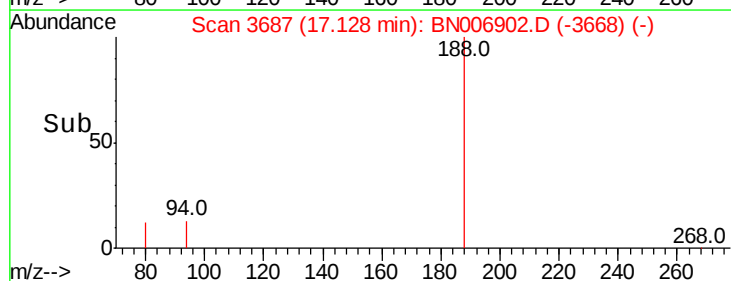
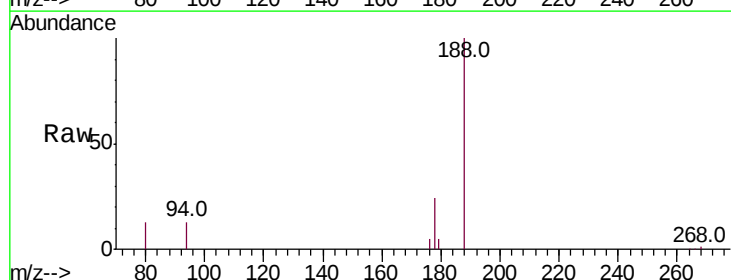
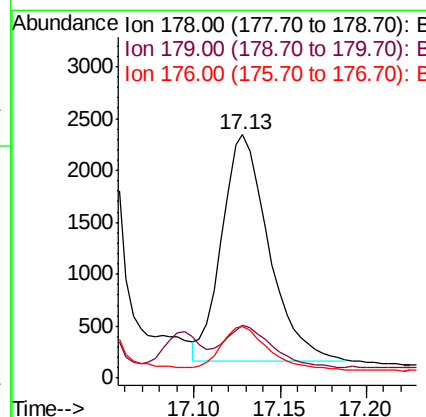
Delta R.T. -0.02 min

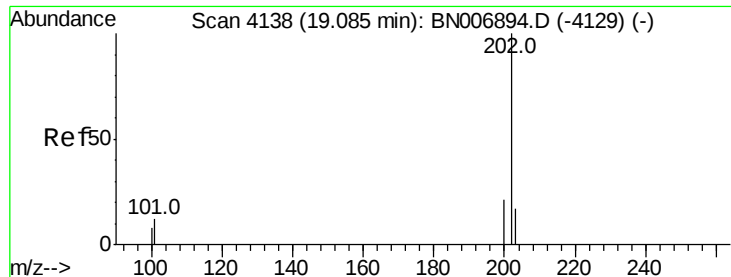
Lab File: BN006902.D

Acq: 18 Jul 2019 21:20

Tgt Ion:178 Resp: 4145

Ion	Ratio	Lower	Upper
178	100		
179	21.7	12.7	19.1#
176	21.3	15.8	23.6





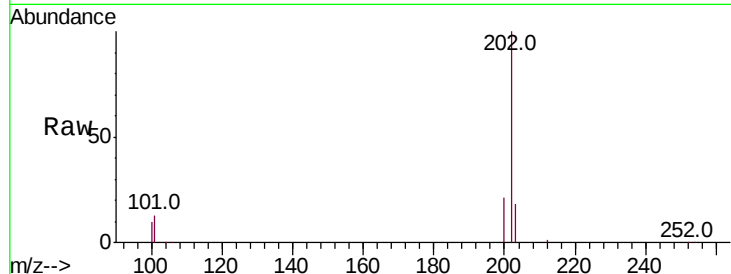
#15
Fluoranthene
Concen: 0.895 ng/ul m
RT: 19.07 min Scan# 4135
Delta R.T. -0.01 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Instrument :
BNA_N
ClientSampleId :
A52G6

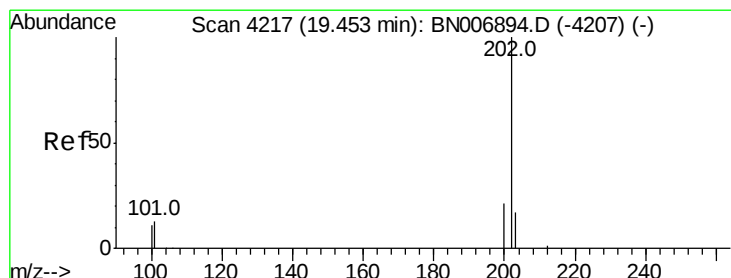
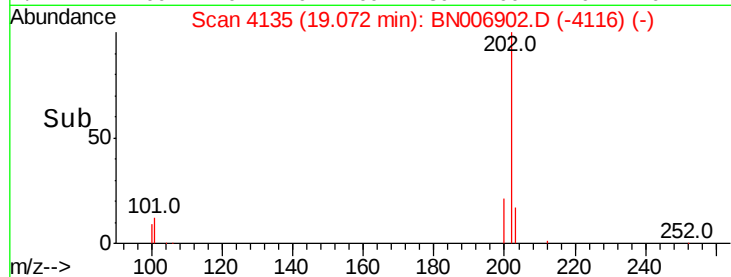
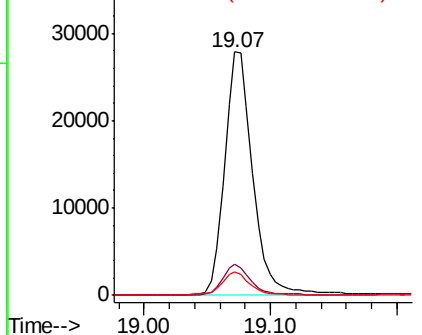
Tot Ion	Ratio	Resp	Lower	Upper
202	100	42712		
101	12.6	0.0	33.2	
100	9.6	0.0	29.9	

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:46 PM



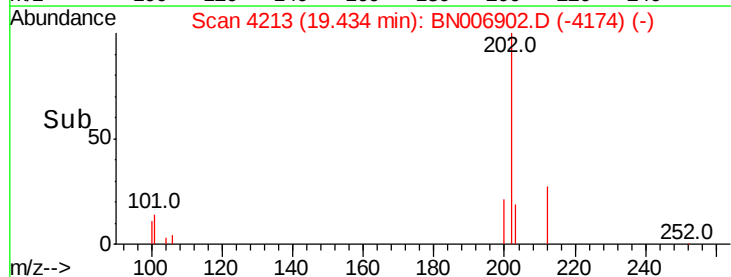
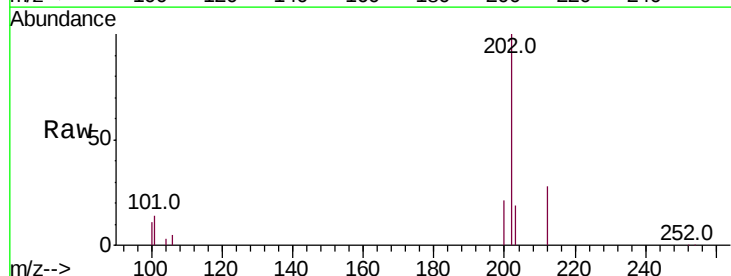
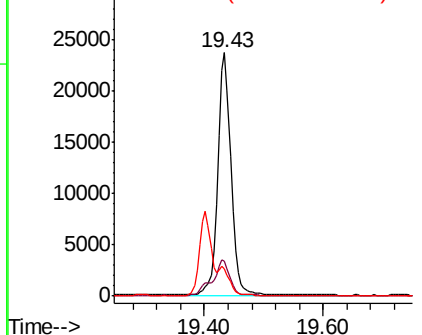
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

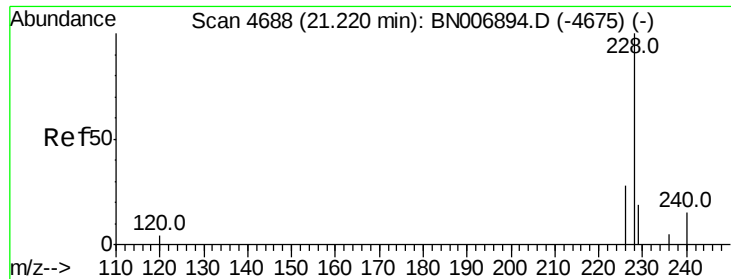


#17
Pyrene
Concen: 0.778 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36719		
101	14.1	12.2	18.2	
100	11.3	9.8	14.8	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





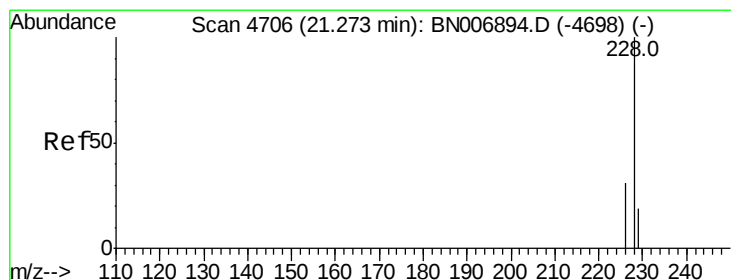
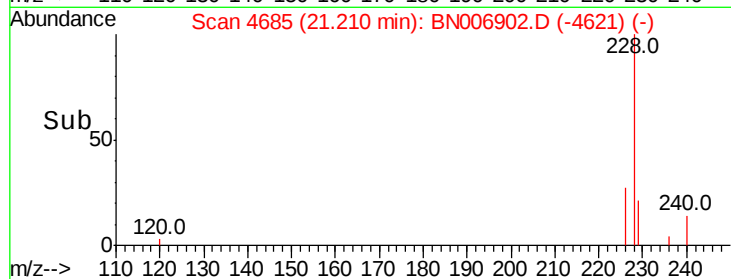
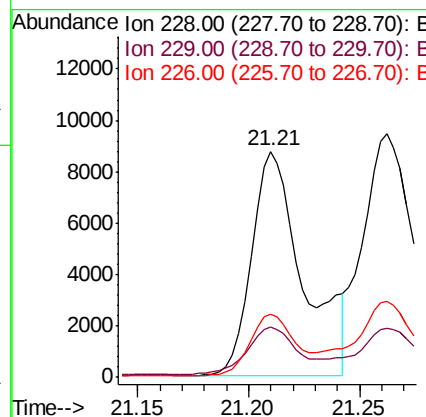
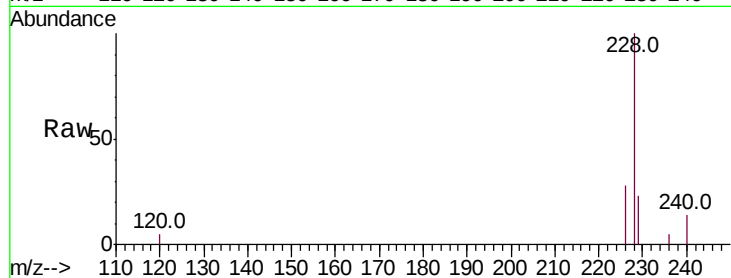
#18
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Instrument :
BNA_N
ClientSampleId :
A52G6

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.9	23.9
226	28.0	22.6	34.0

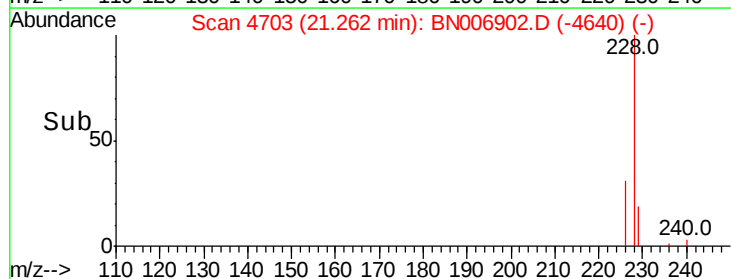
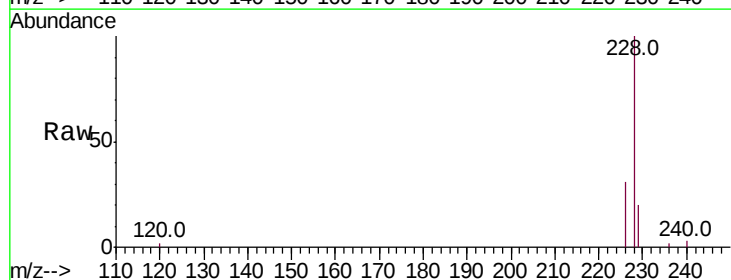
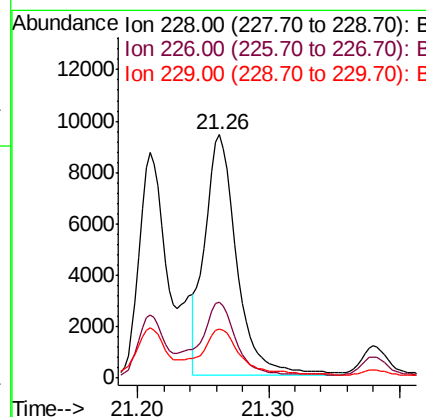
Manual Integrations
APPROVED

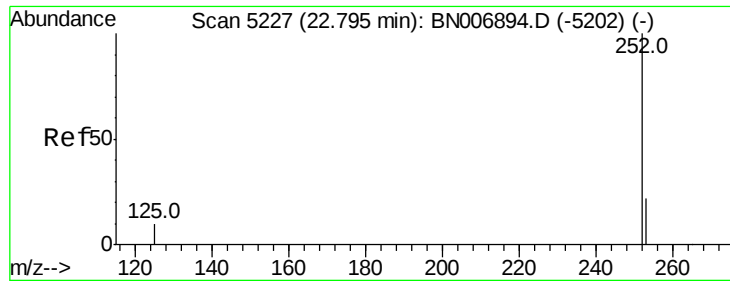
mohammad
7/19/2019 3:59:46 PM



#19
Chrysene
Concen: 0.338 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	20.2	15.5	23.3





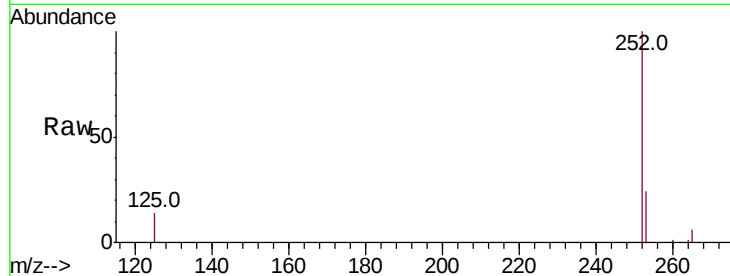
#21
Benzo(b)fluoranthene
Concen: 0.385 ng/ul m
RT: 22.78 min Scan# 5224
Delta R.T. -0.02 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Instrument :
BNA_N
ClientSampleId :
A52G6

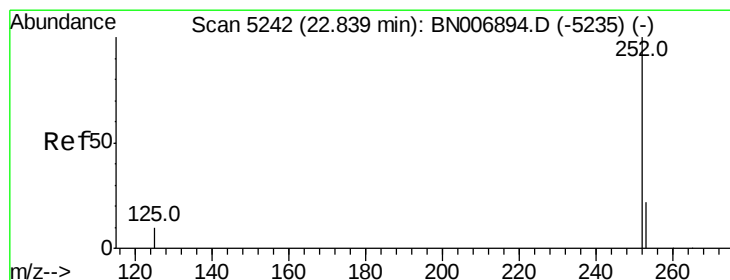
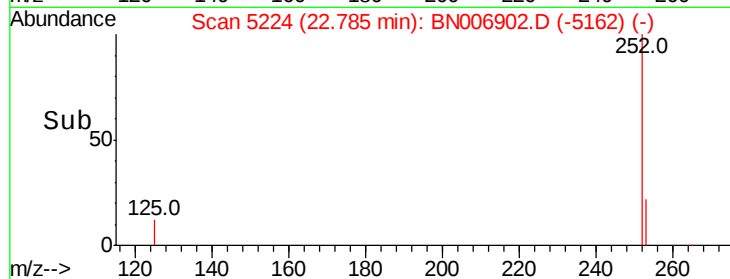
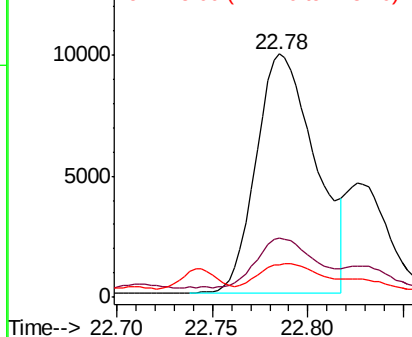
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	47.8
125	13.5	0.0	29.2

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:46 PM



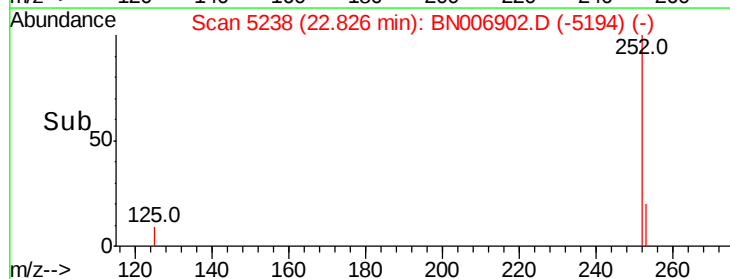
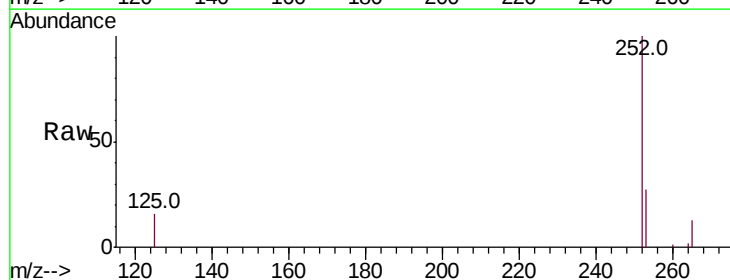
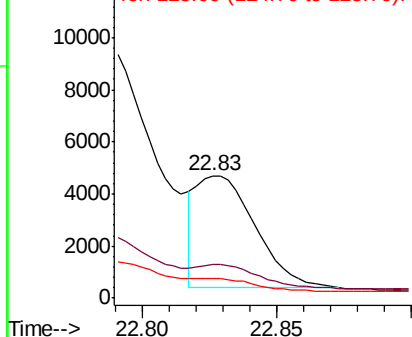
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

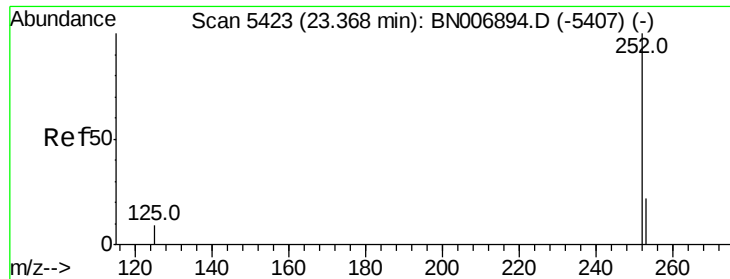


#22
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. -0.02 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.2	28.8
125	15.8	11.0	16.6

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: 0.238 ng/ul

RT: 23.34 min Scan# 5414

Delta R.T. -0.04 min

Lab File: BN006902.D

Acq: 18 Jul 2019 21:20

Instrument :

BNA_N

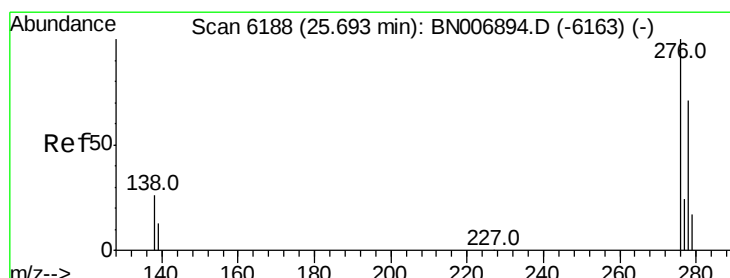
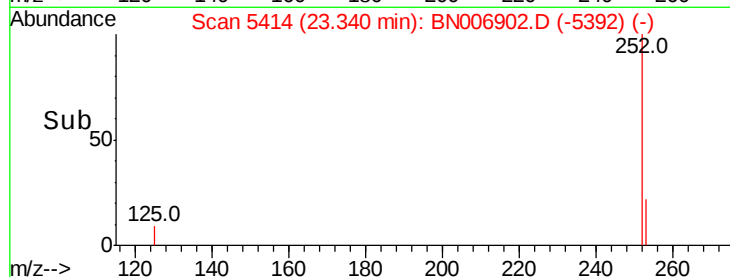
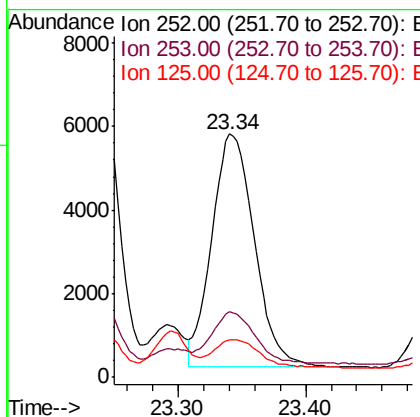
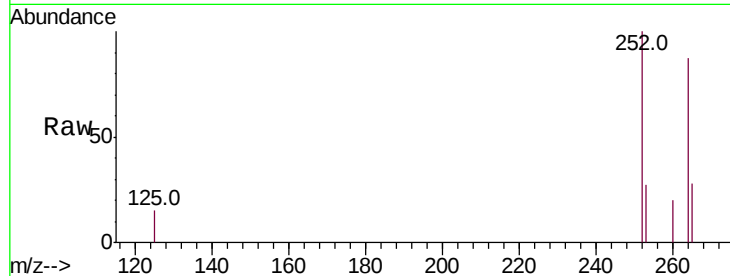
ClientSampleId :

A52G6

Tot Ion:	252	Resp:	12947
Ion Ratio	Lower	Upper	
252	100		
253	26.8	19.4	29.2
125	15.5	12.6	19.0

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:46 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.168 ng/ul

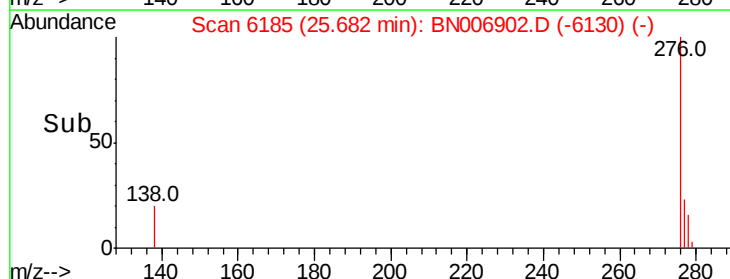
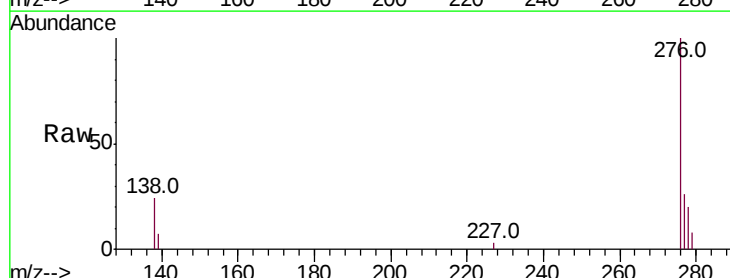
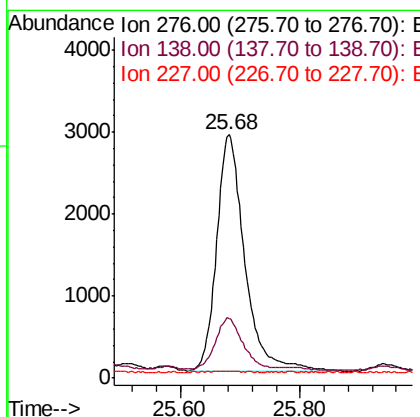
RT: 25.68 min Scan# 6185

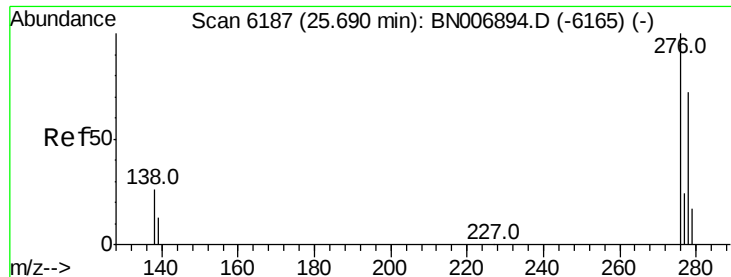
Delta R.T. -0.02 min

Lab File: BN006902.D

Acq: 18 Jul 2019 21:20

Tgt Ion:	276	Resp:	9261
Ion Ratio	Lower	Upper	
276	100		
138	23.5	24.3	36.5#
227	0.1	0.2	0.4#





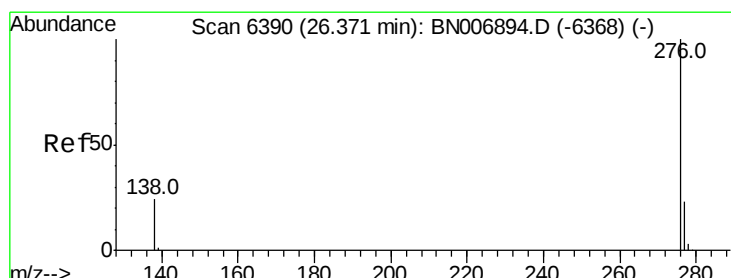
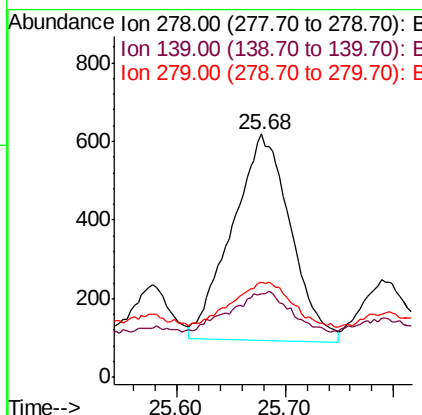
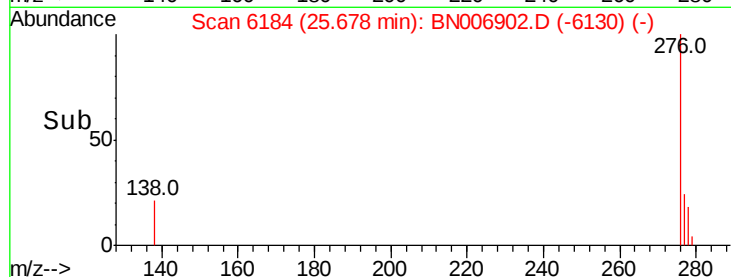
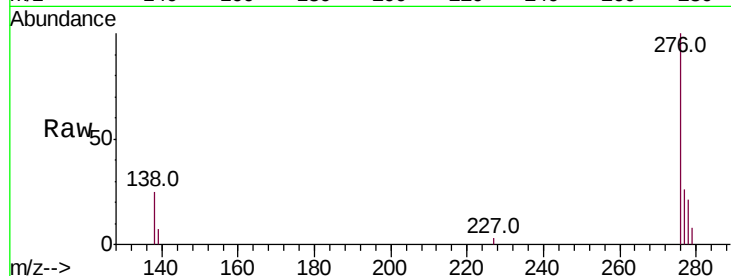
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.68 min Scan# 6184
Delta R.T. -0.02 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Instrument :
BNA_N
ClientSampleId :
A52G6

Tot Ion:	278	Resp:	1960
Ion Ratio	Lower	Upper	
278	100		
139	34.2	18.1	27.1#
279	38.9	19.8	29.6#

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:46 PM



#26
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.36 min Scan# 6387
Delta R.T. -0.02 min
Lab File: BN006902.D
Acq: 18 Jul 2019 21:20

Tgt Ion:	276	Resp:	9334
Ion Ratio	Lower	Upper	
276	100		
138	25.5	22.2	33.2
277	26.1	19.5	29.3

