

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021803.D
 Acq On : 04 Aug 2019 09:19
 Operator : HP/JU
 Sample : K3863-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52G7

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:15:05 PM

Quant Time: Aug 05 05:39:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1291	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	5336	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	3132	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	7811m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7590m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	8219m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1698	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	5290m	0.20	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.08	178	3087	0.136	ng/ul	98
15) Fluoranthene	19.11	202	10112m	0.332	ng/ul	
17) Pyrene	19.47	202	8409m	0.270	ng/ul	
18) Benzo(a)anthracene	21.23	228	2616	0.096	ng/ul	93
19) Chrysene	21.28	228	5181	0.148	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	6619m	0.239	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2417m	0.077	ng/ul	
23) Benzo(a)pyrene	23.35	252	3597m	0.128	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	3164m	0.094	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	3346m	0.110	ng/ul	

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

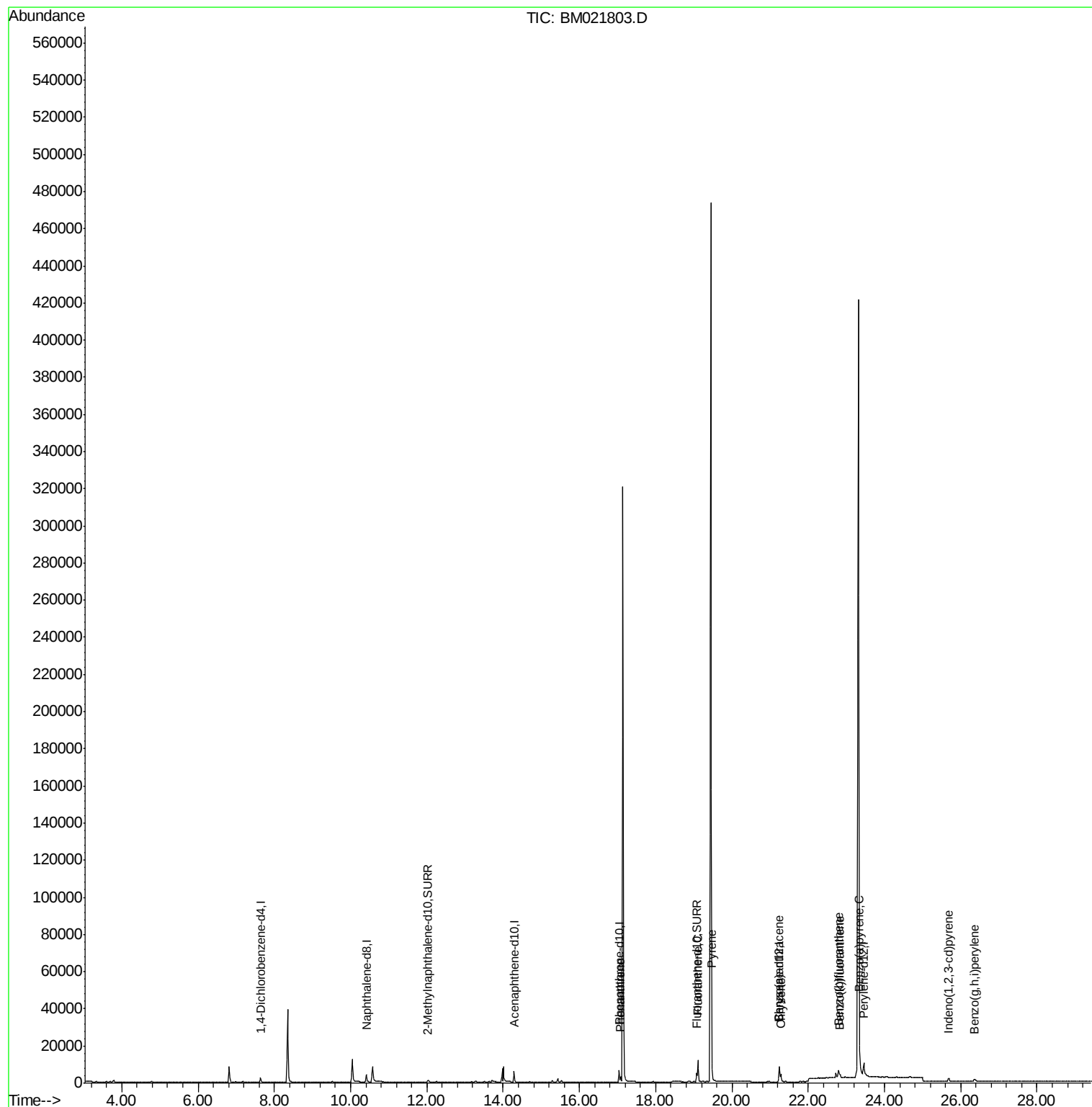
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021803.D
Acq On : 04 Aug 2019 09:19
Operator : HP/JU
Sample : K3863-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

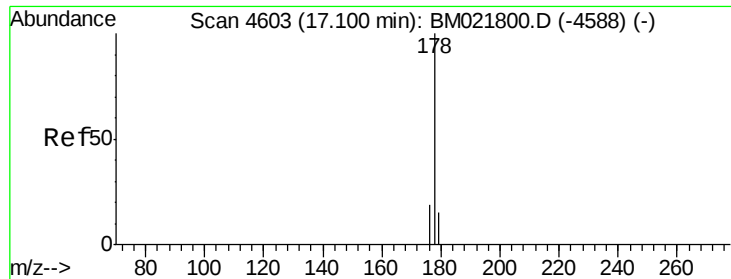
Instrument :
BNA_M
ClientSampleId :
A52G7

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:05 PM

Quant Time: Aug 05 05:39:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.136 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. -0.02 min

Lab File: BM021803.D

Acq: 04 Aug 2019 09:19

Instrument :

BNA_M

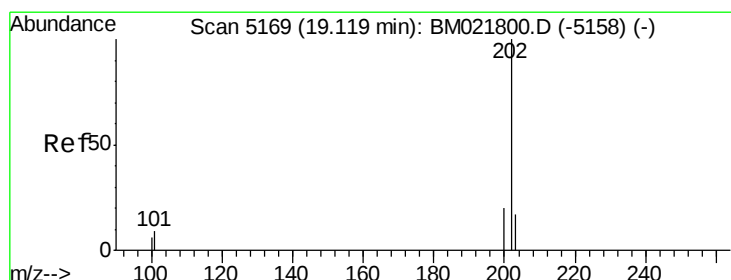
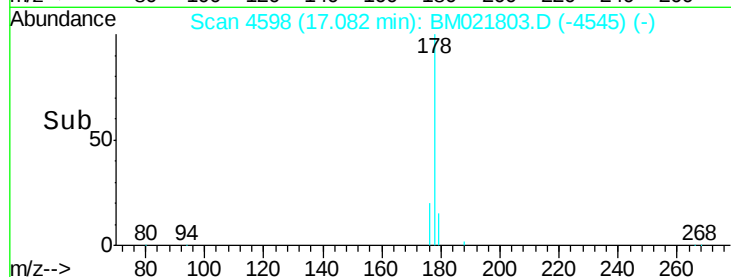
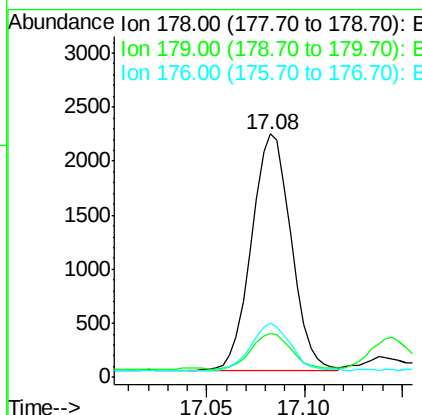
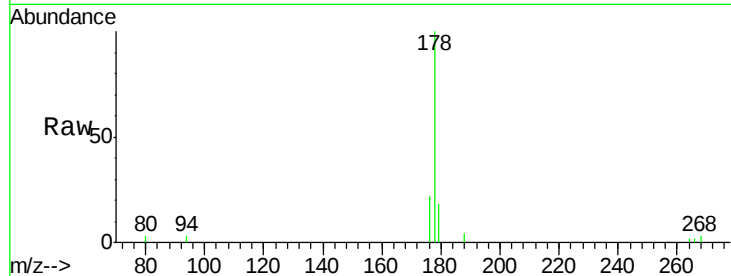
ClientSampleId :

A52G7

Tgt Ion:	178	Resp:	3087
Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.2	21.2
176	22.2	16.8	25.2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:05 PM



#15

Fluoranthene

Concen: 0.332 ng/ul m

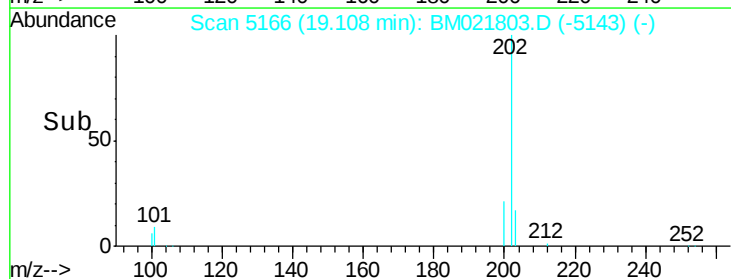
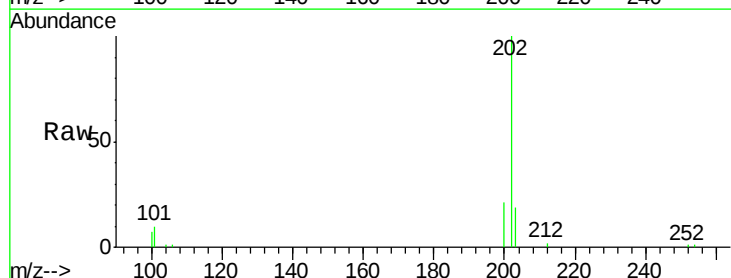
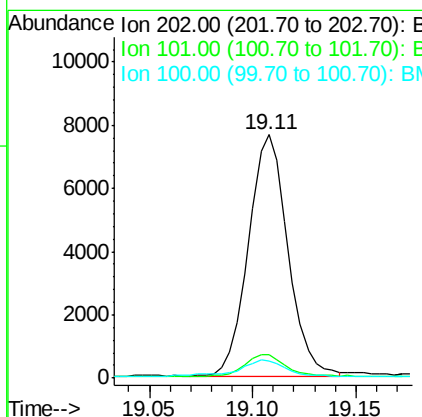
RT: 19.11 min Scan# 5166

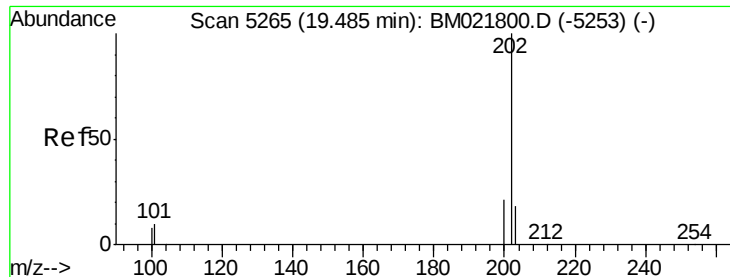
Delta R.T. -0.01 min

Lab File: BM021803.D

Acq: 04 Aug 2019 09:19

Tgt Ion:	202	Resp:	10112
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.2
100	7.1	0.0	28.1





#17

Pyrene

Concen: 0.270 ng/ul m

RT: 19.47 min Scan# 5261

Delta R.T. -0.02 min

Lab File: BM021803.D

Acq: 04 Aug 2019 09:19

Instrument :

BNA_M

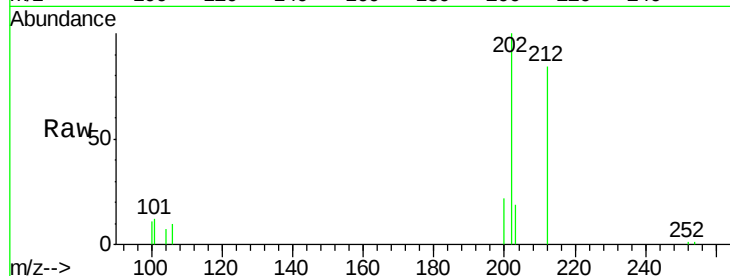
ClientSampled :

A52G7

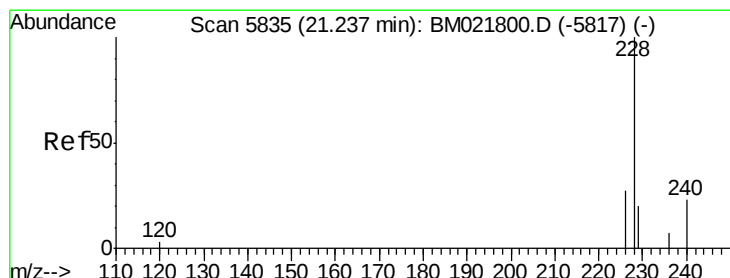
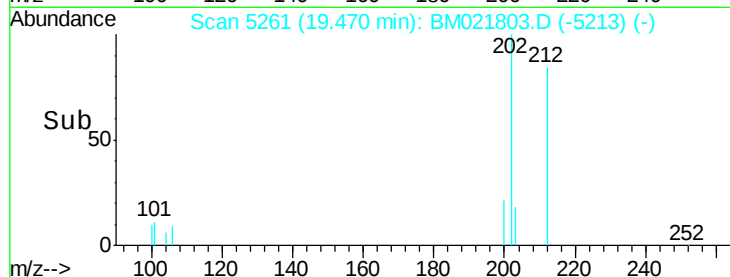
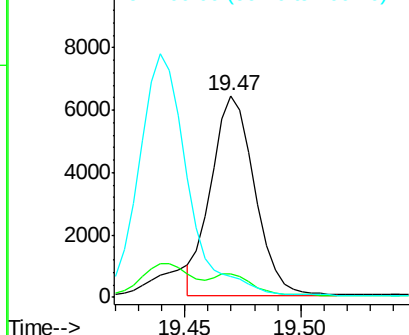
Tgt Ion:	202	Resp:	8409
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.3	12.5
100	10.5	7.2	10.8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:05 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



#18

Benzo(a)anthracene

Concen: 0.096 ng/ul

RT: 21.23 min Scan# 5832

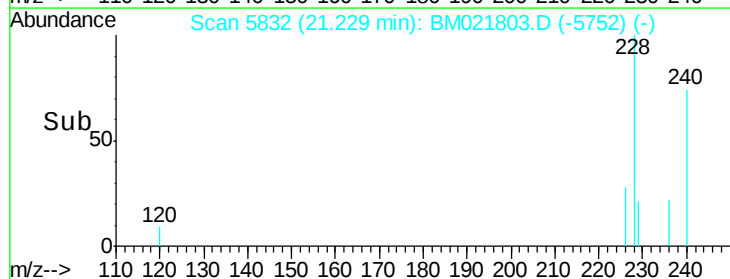
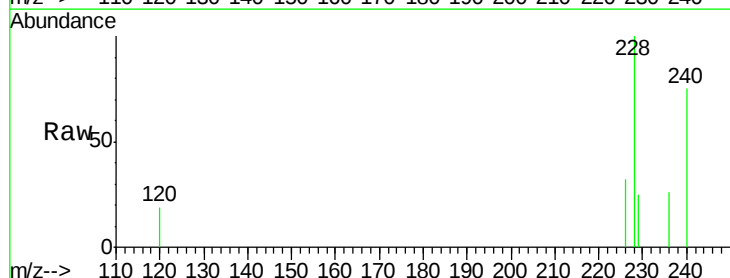
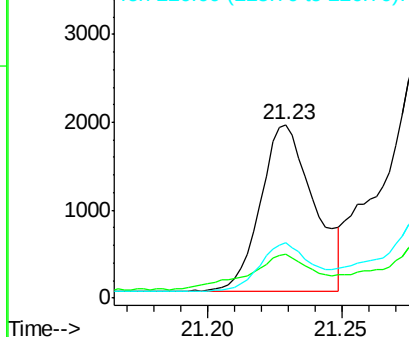
Delta R.T. -0.01 min

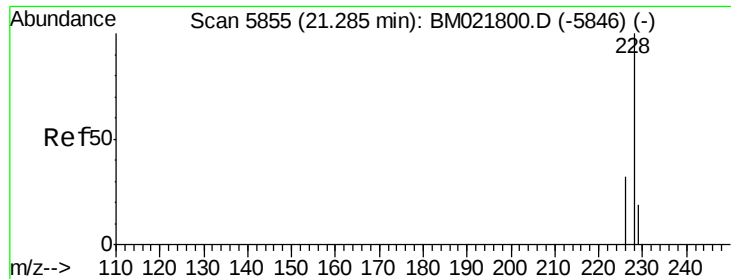
Lab File: BM021803.D

Acq: 04 Aug 2019 09:19

Tgt Ion:	228	Resp:	2616
Ion Ratio	Lower	Upper	
228	100		
229	25.1	17.2	25.8
226	31.7	22.6	34.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.148 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.00 min

Lab File: BM021803.D

Acq: 04 Aug 2019 09:19

Instrument :

BNA_M

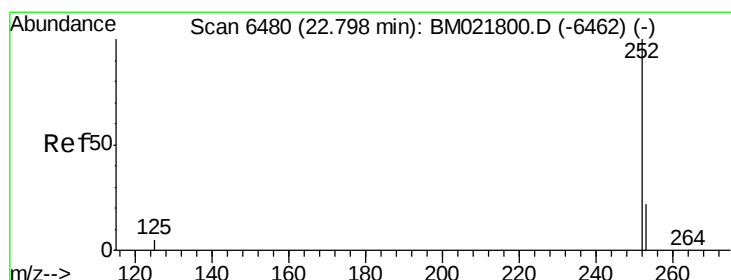
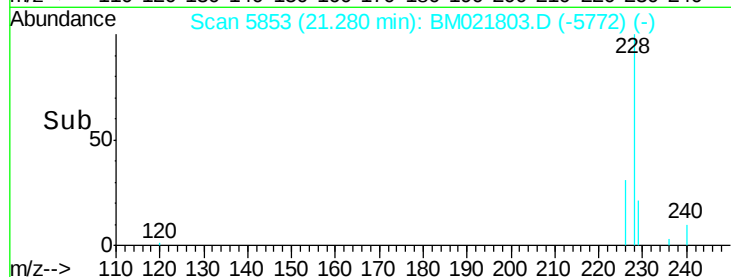
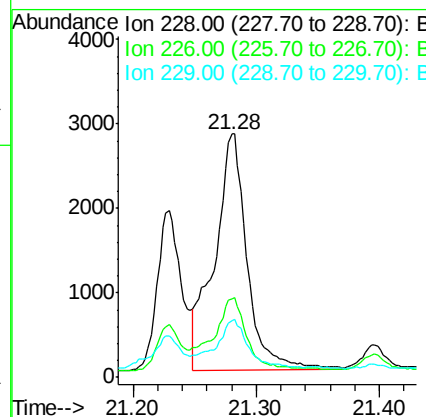
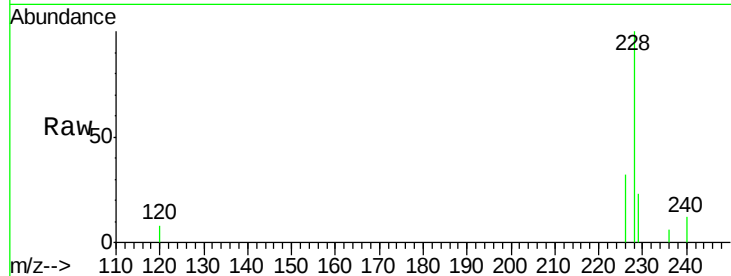
ClientSampleId :

A52G7

Tgt Ion:	228	Resp:	5181
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.9	37.3
229	23.4	16.6	25.0

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:05 PM



#21

Benzo(b)fluoranthene

Concen: 0.239 ng/ul m

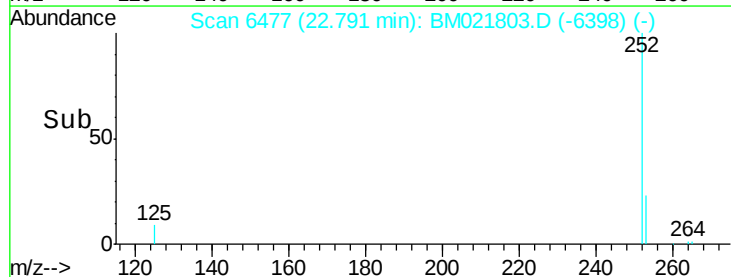
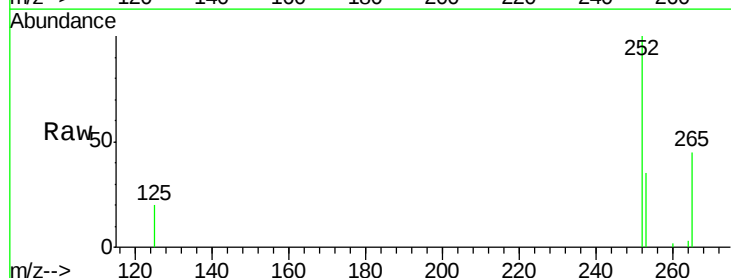
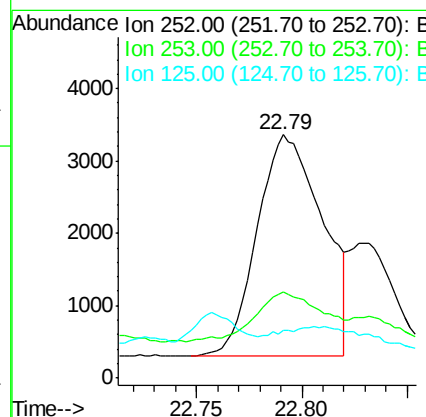
RT: 22.79 min Scan# 6477

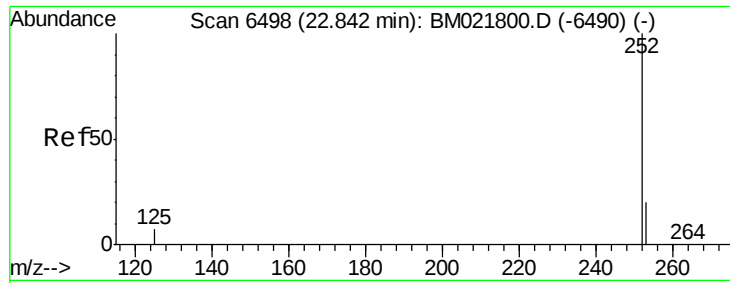
Delta R.T. -0.01 min

Lab File: BM021803.D

Acq: 04 Aug 2019 09:19

Tgt Ion:	252	Resp:	6619
Ion Ratio	Lower	Upper	
252	100		
253	35.3	0.0	67.4
125	19.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.077 ng/ul m

RT: 22.83 min Scan# 6493

Delta R.T. -0.01 min

Lab File: BM021803.D

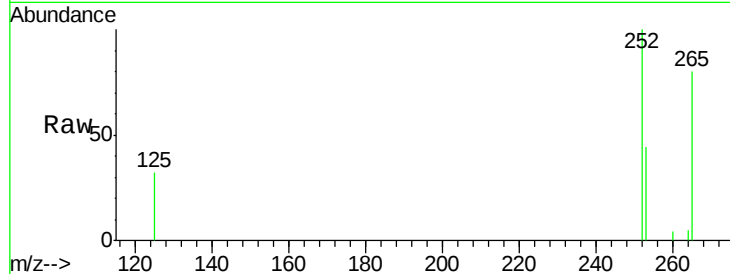
Acq: 04 Aug 2019 09:19

Instrument :

BNA_M

ClientSampleId :

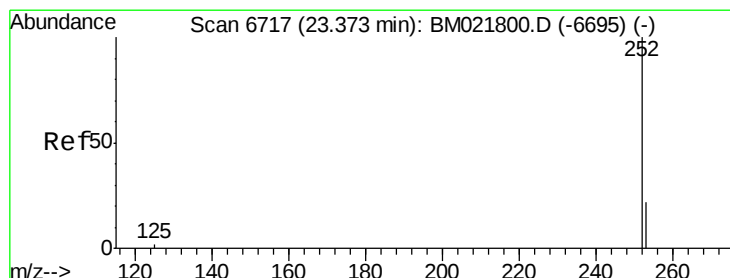
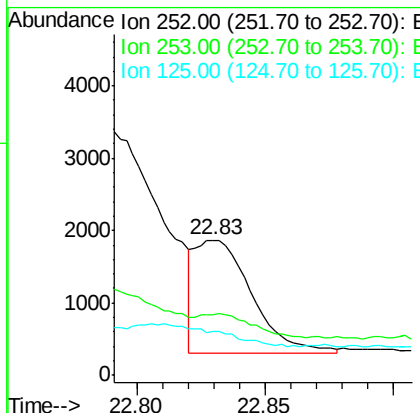
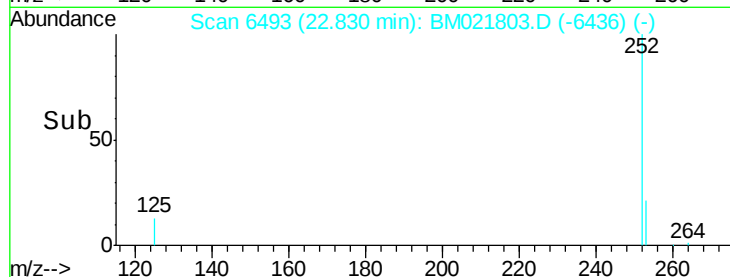
A52G7



Tgt Ion:	252	Resp:	2417
Ion Ratio	Lower	Upper	
252	100		
253	44.5	27.0	40.4#
125	32.3	12.2	18.2#

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:05 PM



#23

Benzo(a)pyrene

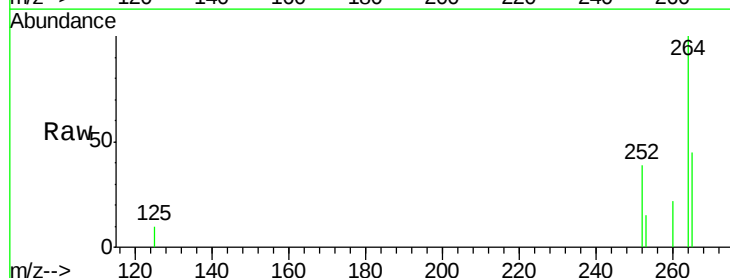
Concen: 0.128 ng/ul m

RT: 23.35 min Scan# 6709

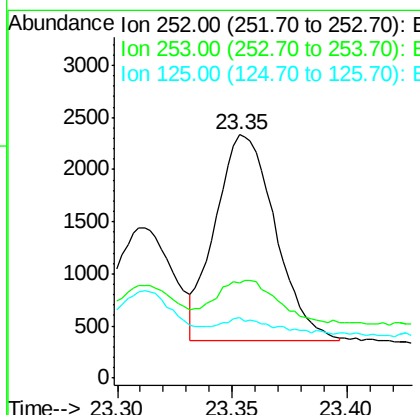
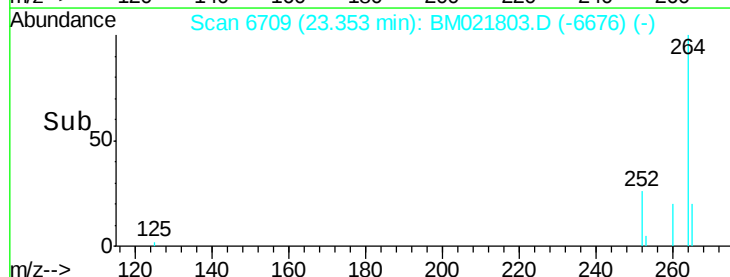
Delta R.T. -0.02 min

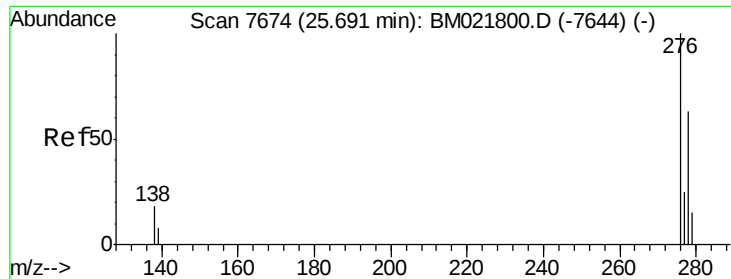
Lab File: BM021803.D

Acq: 04 Aug 2019 09:19



Tgt Ion:	252	Resp:	3597
Ion Ratio	Lower	Upper	
252	100		
253	39.2	31.7	47.5
125	24.6	14.6	21.8#





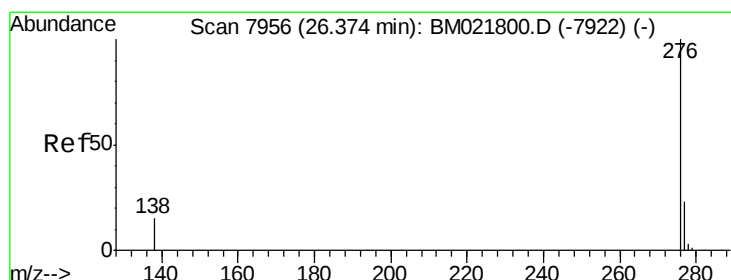
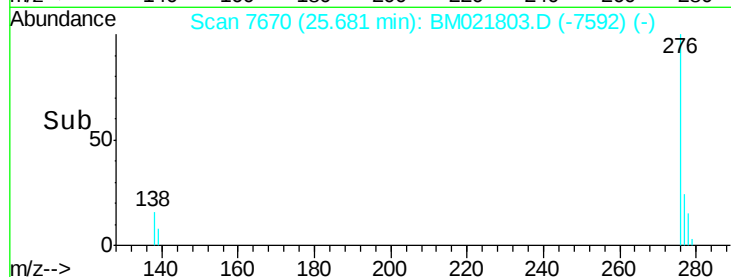
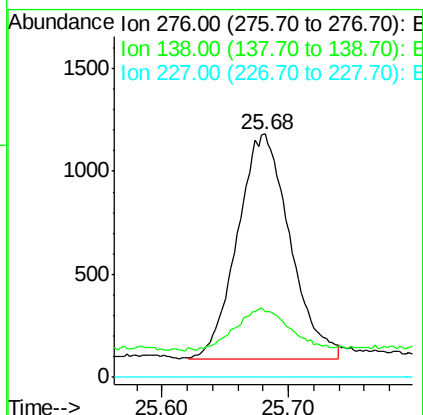
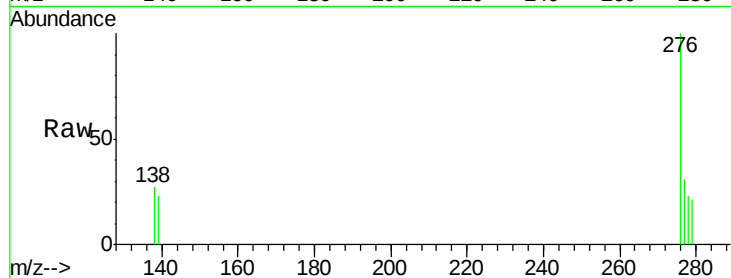
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.094 ng/ul m
 RT: 25.68 min Scan# 7670
 Delta R.T. -0.01 min
 Lab File: BM021803.D
 Acq: 04 Aug 2019 09:19

Instrument :
 BNA_M
 ClientSampleId :
 A52G7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.6	15.1	22.7#
227	0.0	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:15:05 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul m
 RT: 26.36 min Scan# 7950
 Delta R.T. -0.01 min
 Lab File: BM021803.D
 Acq: 04 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.5	23.3#
277	33.1	21.4	32.2#

