

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021919.D
 Acq On : 08 Aug 2019 05:49
 Operator : HP/JU
 Sample : K4028-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:12:28 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	917	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	4054	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2205	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5039m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4590m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4619m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	993	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2685m	0.16	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	341	0.033	ng/ul#	66
12) Phenanthrene	17.07	178	1809	0.123	ng/ul	95
13) Anthracene	17.17	178	581m	0.046	ng/ul	
15) Fluoranthene	19.10	202	4592m	0.234	ng/ul	
17) Pyrene	19.46	202	5063m	0.268	ng/ul	
18) Benzo(a)anthracene	21.22	228	2962	0.180	ng/ul	93
19) Chrysene	21.27	228	2801	0.133	ng/ul	93
21) Benzo(b)fluoranthene	22.78	252	3503m	0.225	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1441m	0.082	ng/ul	
23) Benzo(a)pyrene	23.35	252	2676m	0.169	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	1694m	0.090	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	446m	0.029	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	1775m	0.104	ng/ul	

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

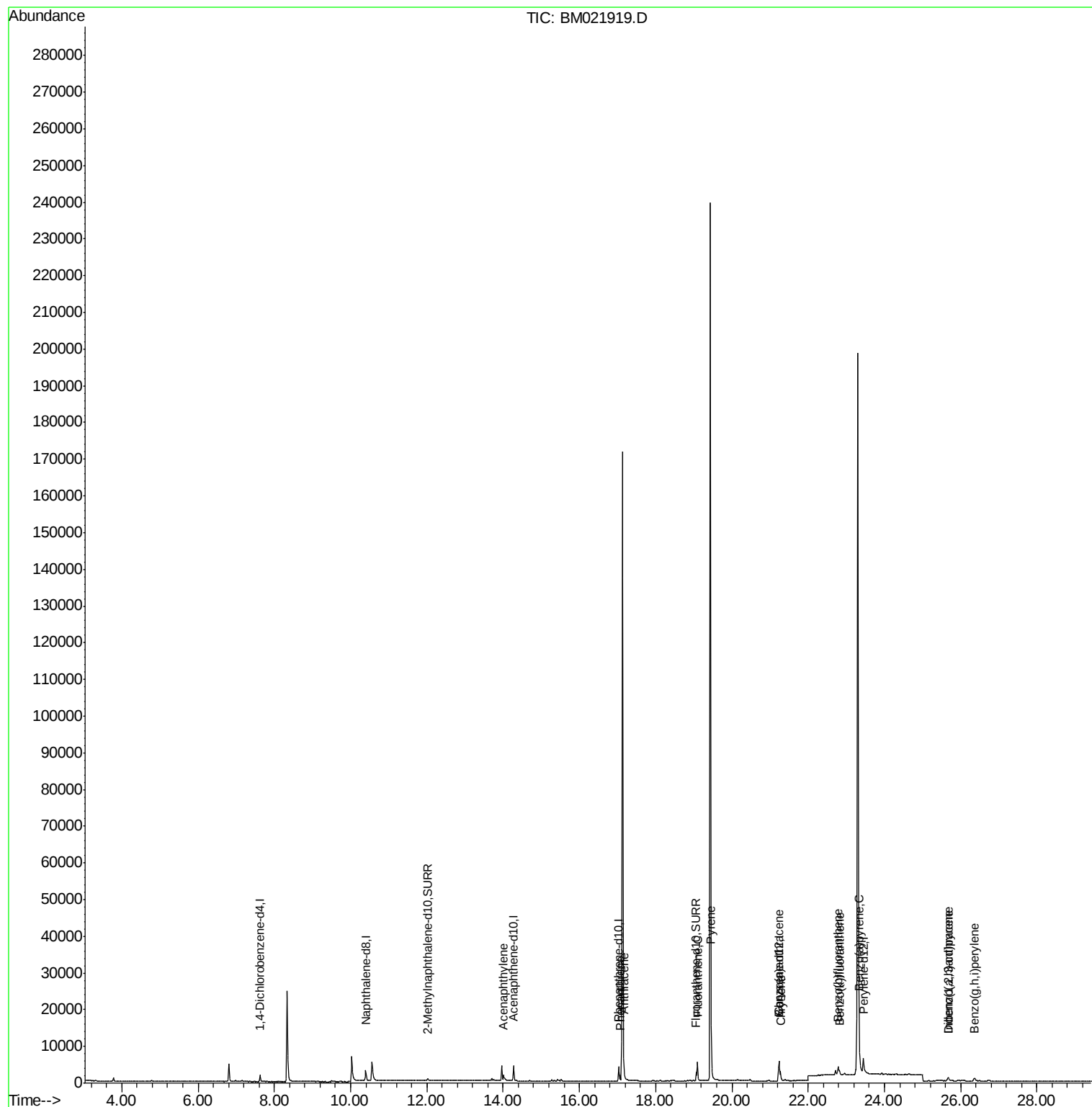
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

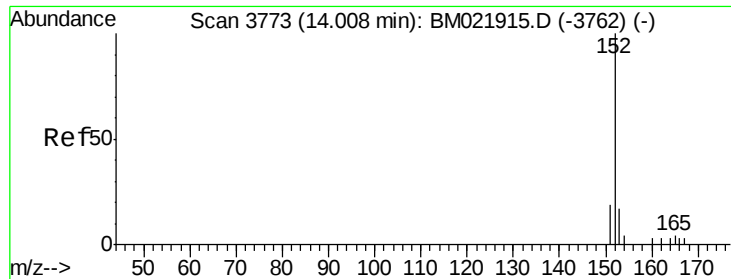
Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:12:28 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021919.D

Acq: 08 Aug 2019 05:49

Instrument :

BNA_M

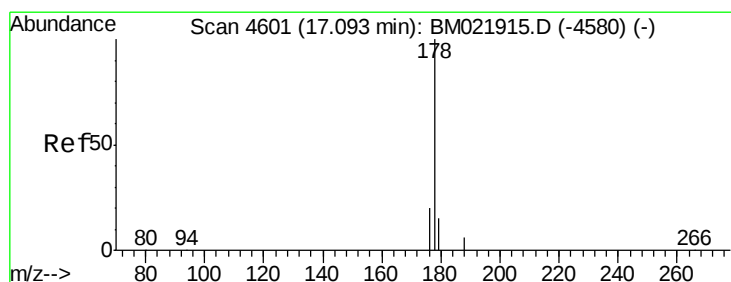
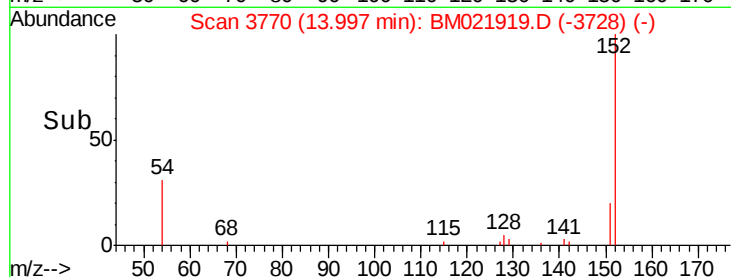
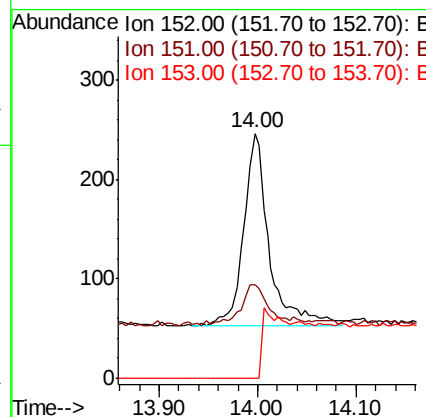
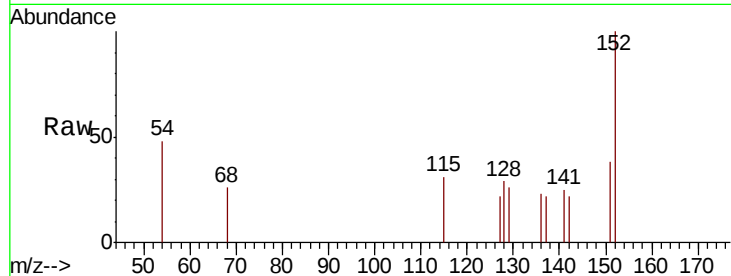
ClientSampleId :

BENW4

Tot Ion:	152	Resp:	341
Ion Ratio	Lower	Upper	
152	100		
151	38.2	18.3	27.5#
153	0.0	12.8	19.2#

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM



#12

Phenanthrene

Concen: 0.123 ng/ul

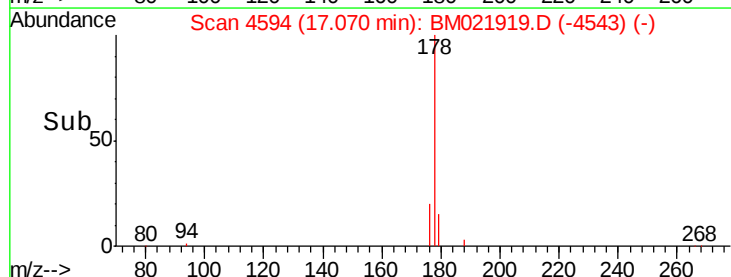
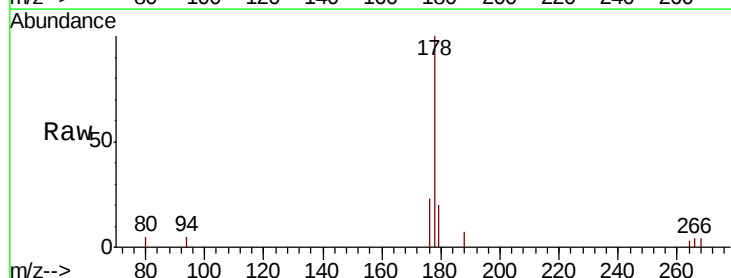
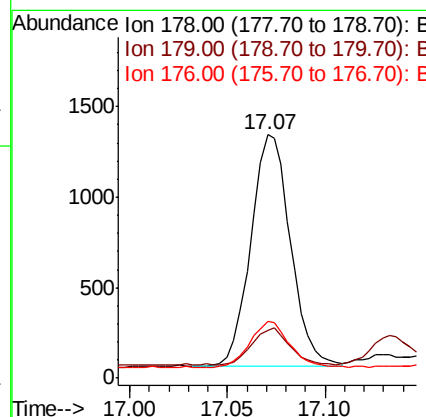
RT: 17.07 min Scan# 4594

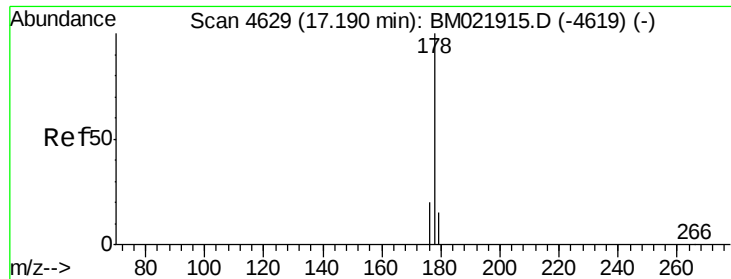
Delta R.T. -0.02 min

Lab File: BM021919.D

Acq: 08 Aug 2019 05:49

Tgt Ion:	178	Resp:	1809
Ion Ratio	Lower	Upper	
178	100		
179	19.6	14.2	21.2
176	23.2	16.8	25.2





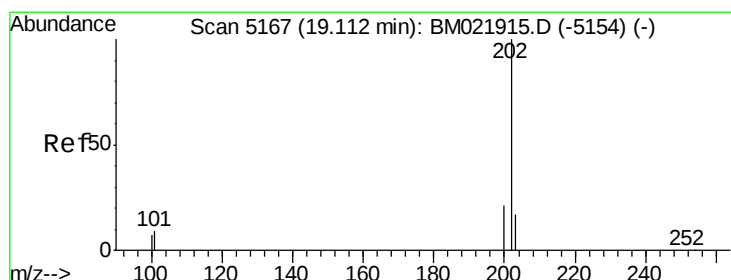
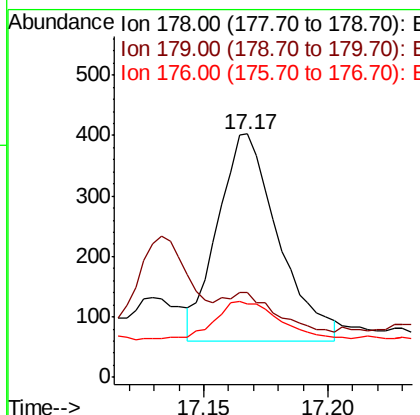
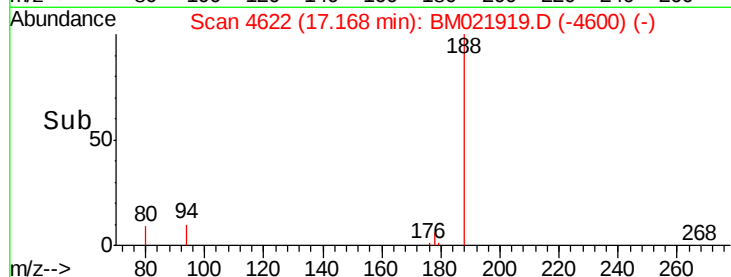
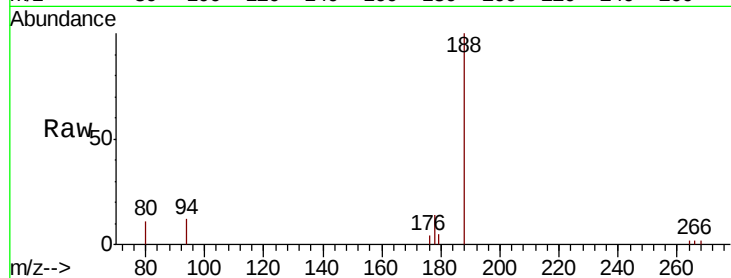
#13
 Anthracene
 Concen: 0.046 ng/ul m
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.02 min
 Lab File: BM021919.D
 Acq: 08 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampled :
 BENW4

Tot Ion	Ratio	Lower	Upper
178	100		
179	35.0	15.5	23.3#
176	30.3	16.6	25.0#

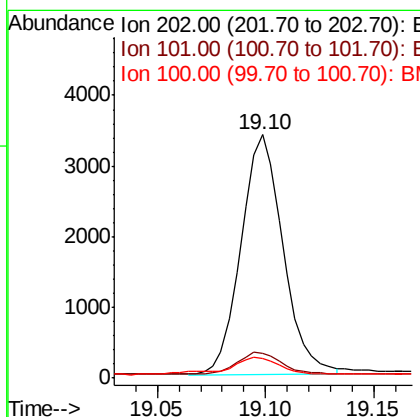
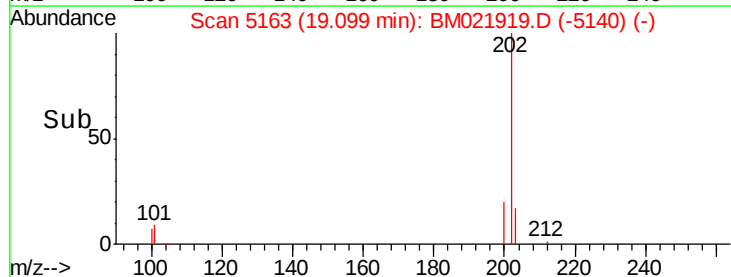
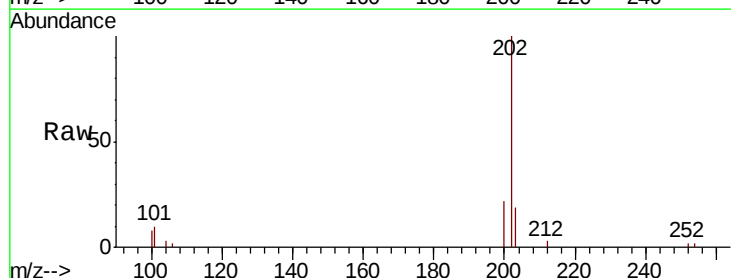
Manual Integrations
 APPROVED

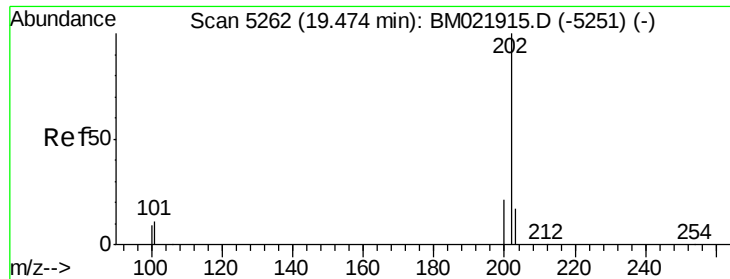
mohammad
 8/9/2019 6:11:37 AM



#15
 Fluoranthene
 Concen: 0.234 ng/ul m
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM021919.D
 Acq: 08 Aug 2019 05:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.2
100	8.2	0.0	28.1





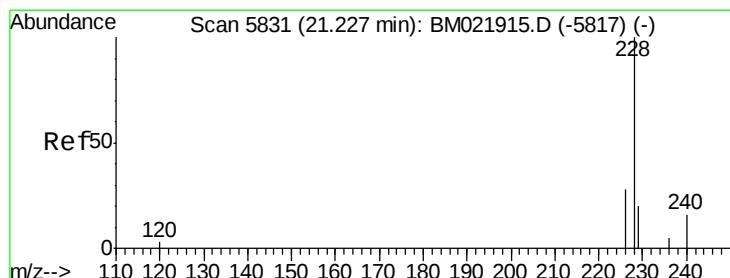
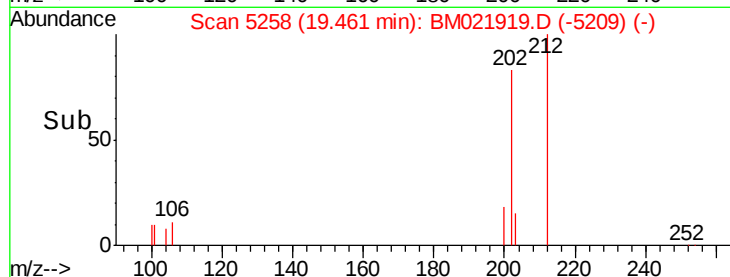
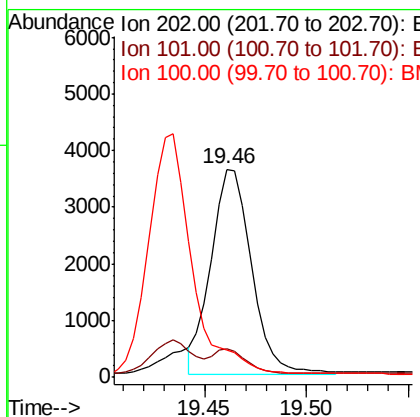
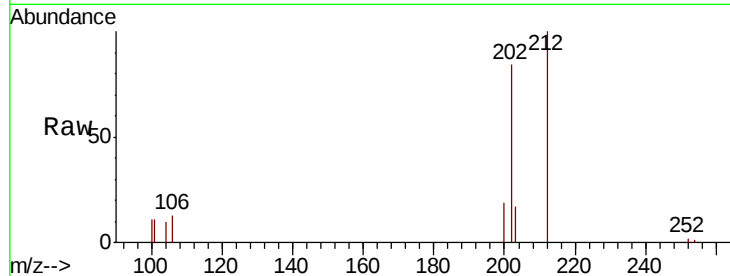
#17
Pvrene
Concen: 0.268 ng/ul m
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM021919.D
Acq: 08 Aug 2019 05:49

Instrument :
BNA_M
ClientSampleId :
BENW4

Tot Ion	Ratio	Resp	Lower	Upper
202	100	5063		
101	13.6	8.3	12.5#	
100	13.1	7.2	10.8#	

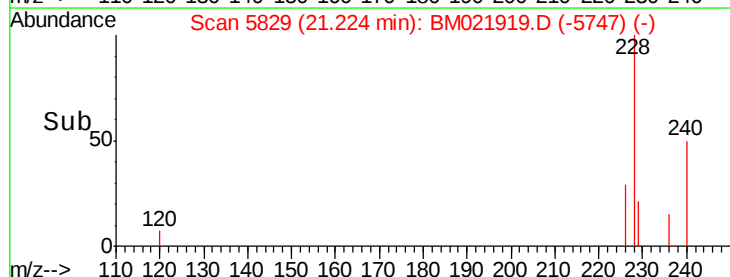
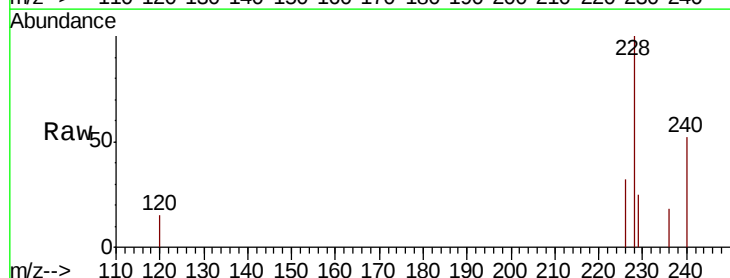
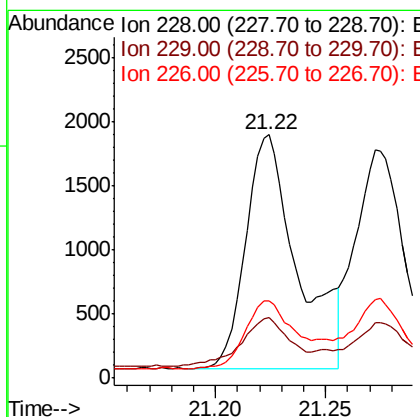
Manual Integrations
APPROVED

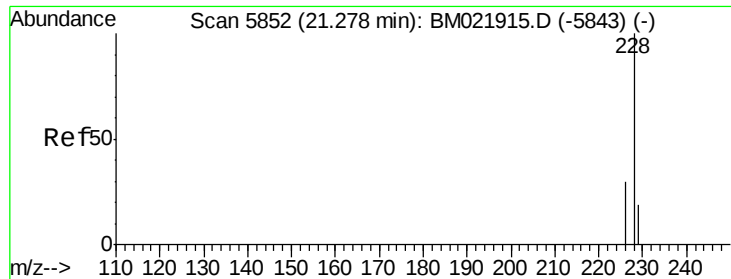
mohammad
8/9/2019 6:11:37 AM



#18
Benzo(a)anthracene
Concen: 0.180 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.00 min
Lab File: BM021919.D
Acq: 08 Aug 2019 05:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2962		
229	24.8	17.2	25.8	
226	31.8	22.6	34.0	





#19

Chrysene

Concen: 0.133 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.01 min

Lab File: BM021919.D

Acq: 08 Aug 2019 05:49

Instrument :

BNA_M

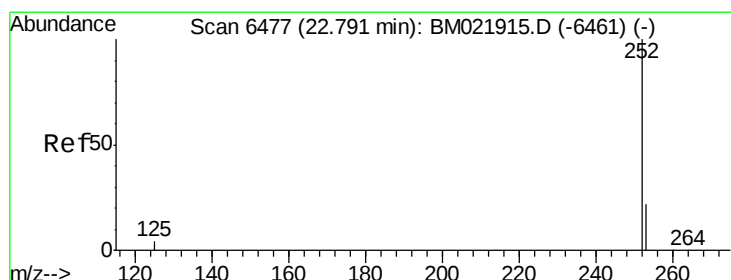
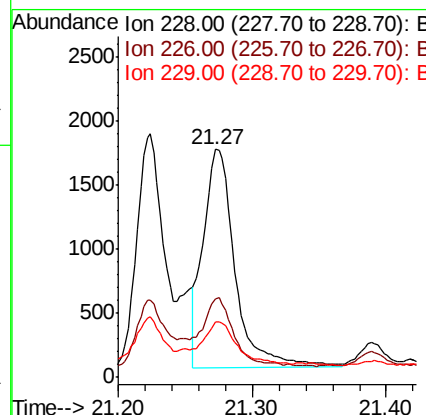
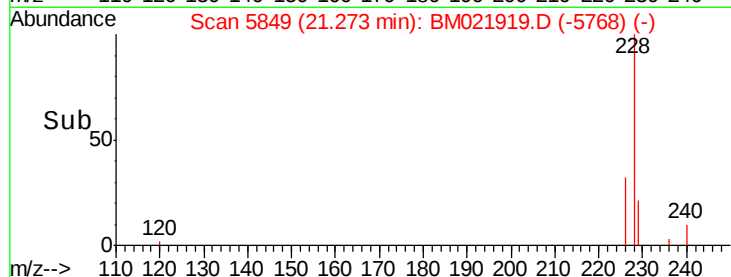
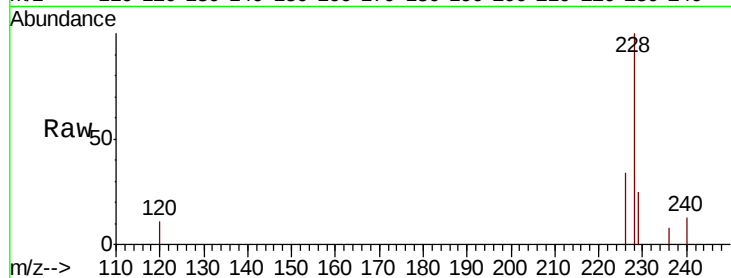
ClientSampleId :

BENW4

Tot Ion:228	Resp:	2801
Ion Ratio	Lower	Upper
228 100		
226 34.4	24.9	37.3
229 24.5	16.6	25.0

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM



#21

Benzo(b)fluoranthene

Concen: 0.225 ng/ul m

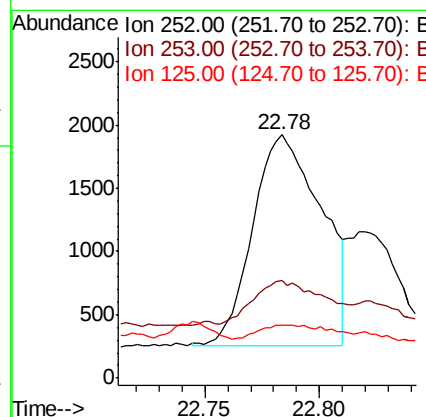
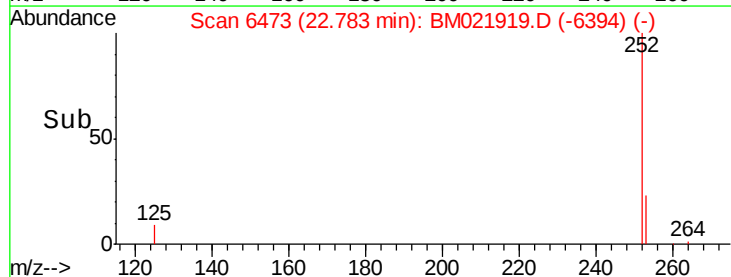
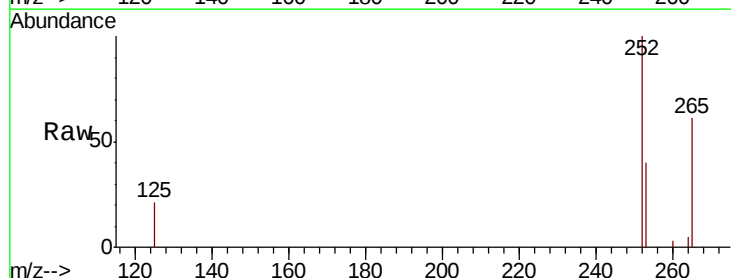
RT: 22.78 min Scan# 6473

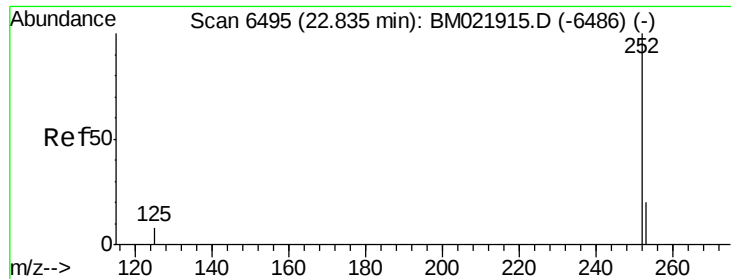
Delta R.T. -0.01 min

Lab File: BM021919.D

Acq: 08 Aug 2019 05:49

Tgt Ion:252	Resp:	3503
Ion Ratio	Lower	Upper
252 100		
253 40.1	0.0	67.4
125 21.5	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.082 ng/ul m

RT: 22.82 min Scan# 6487

Delta R.T. -0.02 min

Lab File: BM021919.D

Acq: 08 Aug 2019 05:49

Instrument :

BNA_M

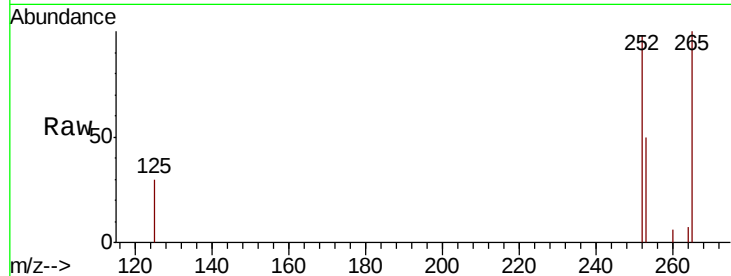
ClientSampleId :

BENW4

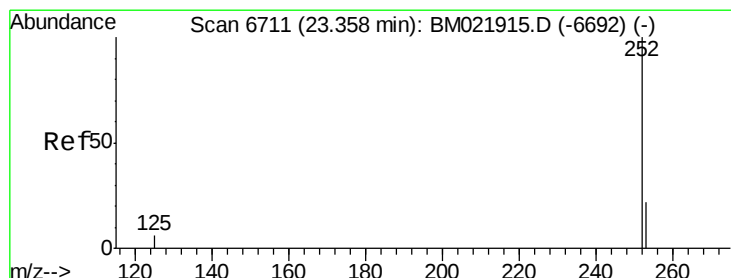
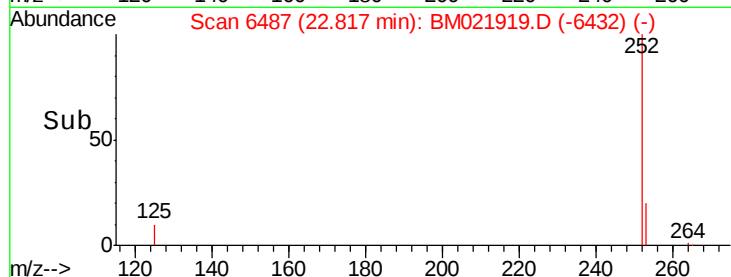
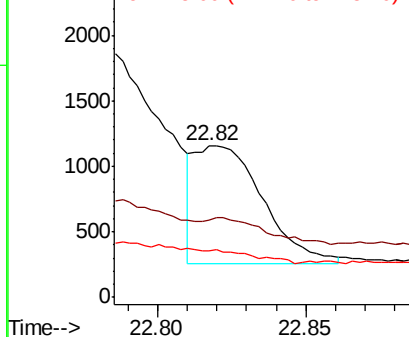
Tot Ion:	252	Resp:	1441
Ion Ratio	Lower	Upper	
252	100		
253	51.2	27.0	40.4#
125	30.7	12.2	18.2#

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM



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: 0.169 ng/ul m

RT: 23.35 min Scan# 6705

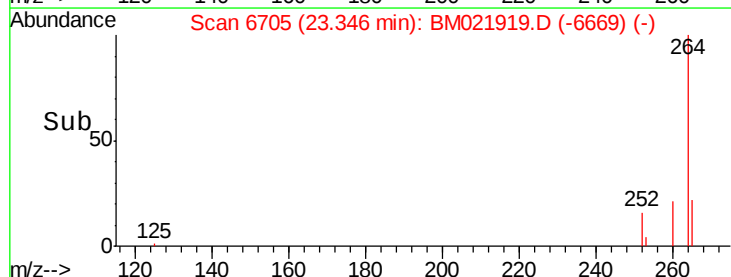
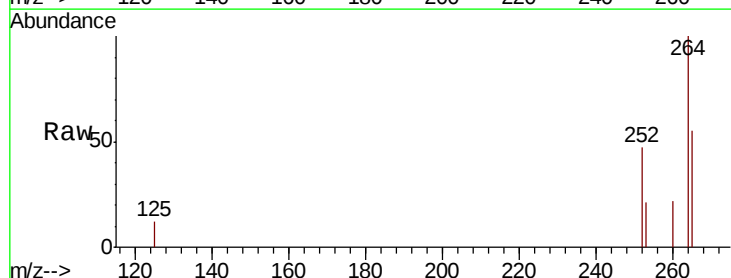
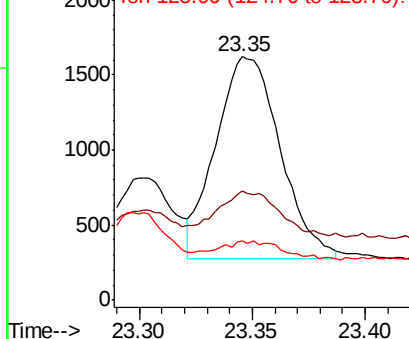
Delta R.T. -0.01 min

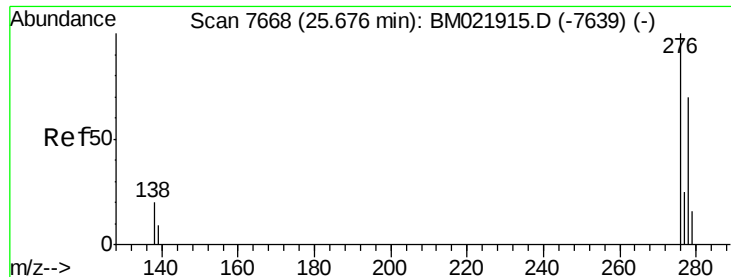
Lab File: BM021919.D

Acq: 08 Aug 2019 05:49

Tgt Ion:	252	Resp:	2676
Ion Ratio	Lower	Upper	
252	100		
253	44.9	31.7	47.5
125	24.5	14.6	21.8#

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

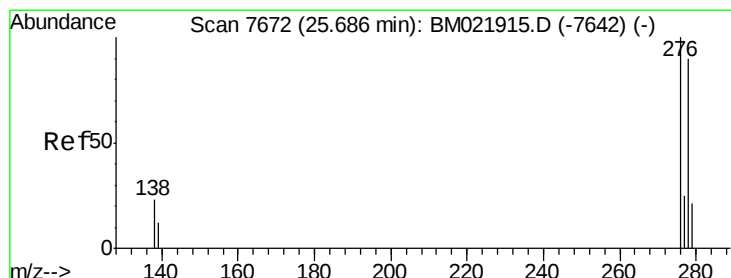
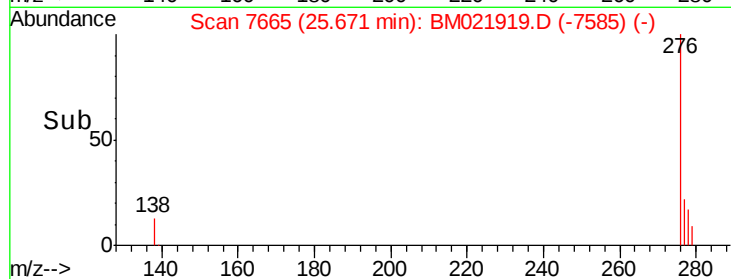
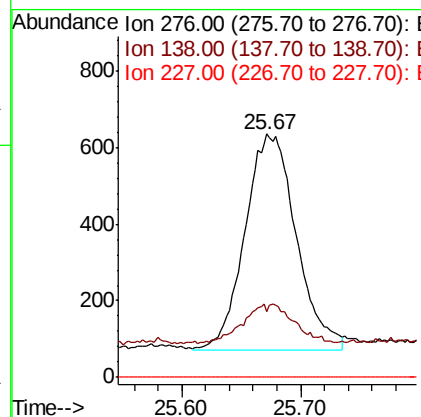
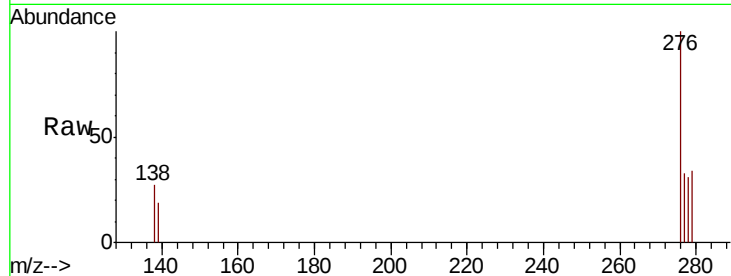
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul m
RT: 25.67 min Scan# 7665
Delta R.T. -0.01 min
Lab File: BM021919.D
Acq: 08 Aug 2019 05:49

Instrument :
BNA_M
ClientSampleId :
BENW4

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.1	15.1	22.7#
227	0.0	0.0	0.0

Manual Integrations
APPROVED

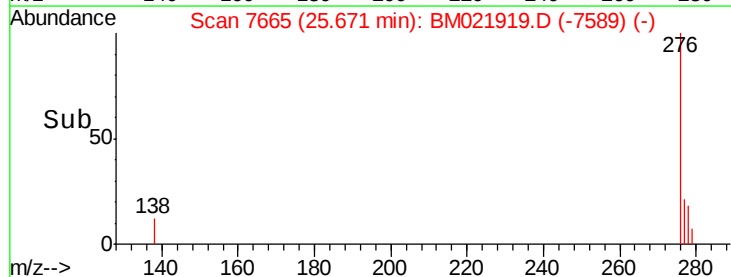
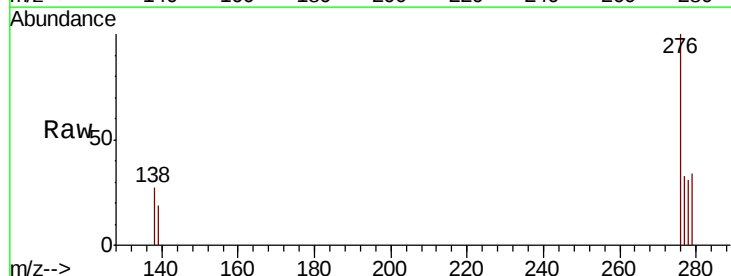
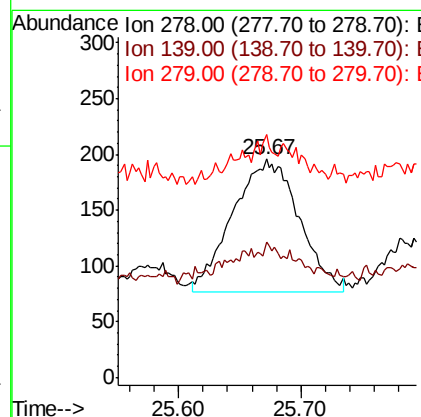
mohammad
8/9/2019 6:11:37 AM

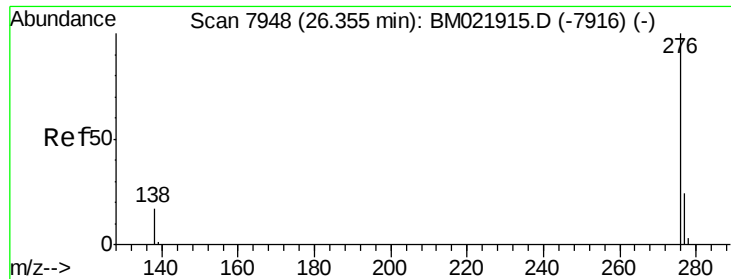


#25

Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul m
RT: 25.67 min Scan# 7665
Delta R.T. -0.01 min
Lab File: BM021919.D
Acq: 08 Aug 2019 05:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	61.7	14.2	21.2#
279	111.2	28.3	42.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.104 ng/ul m
 RT: 26.35 min Scan# 7946
 Delta R.T. -0.00 min
 Lab File: BM021919.D
 Acq: 08 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampleId :
 BENW4

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	15.5	23.3#
277	34.2	21.4	32.2#

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:11:37 AM

