

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025915.D
 Acq On : 03 Apr 2020 16:55
 Operator : CG/JU
 Sample : L2062-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E01

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:40:29 PM

Quant Time: Apr 06 09:33:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3817	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16990	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	12090	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	27209m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	26246	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	22327	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	9435	0.31	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	25161	0.30	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.92	152	1124	0.022	ng/ul#	84
13) Anthracene	17.08	178	2723	0.036	ng/ul#	92
15) Fluoranthene	19.01	202	8495	0.080	ng/ul	99
17) Pyrene	19.37	202	21595	0.230	ng/ul	97
18) Benzo(a)anthracene	21.13	228	9315	0.099	ng/ul	94
19) Chrysene	21.18	228	17600m	0.172	ng/ul	
21) Benzo(b)fluoranthene	22.65	252	35561m	0.433	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	13864m	0.157	ng/ul	
23) Benzo(a)pyrene	23.20	252	11851	0.161	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.41	276	7958	0.081	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.42	278	2225	0.027	ng/ul#	68
26) Benzo(g,h,i)perylene	26.05	276	5751	0.069	ng/ul#	92

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

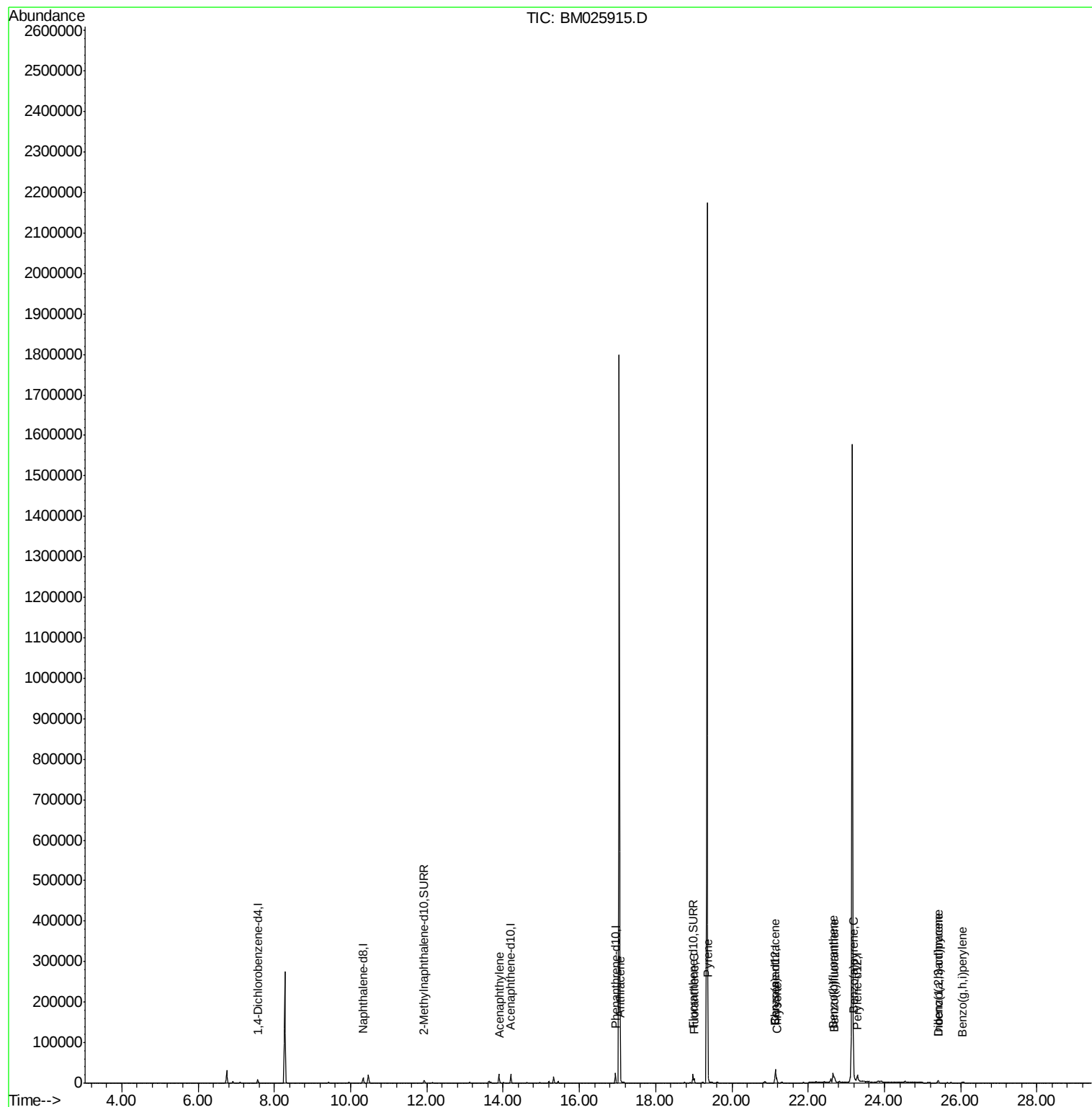
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025915.D
Acq On : 03 Apr 2020 16:55
Operator : CG/JU
Sample : L2062-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

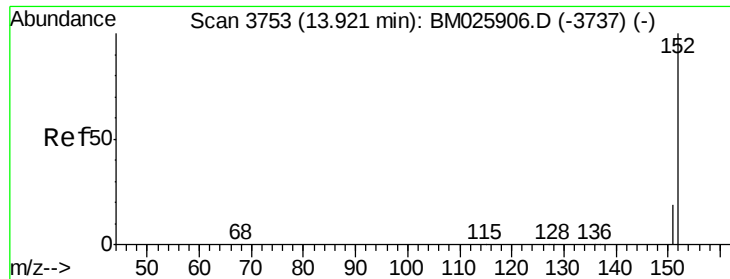
Instrument :
BNA_M
ClientSampleId :
F3E01

Quant Time: Apr 06 09:33:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
4/6/2020 1:40:29 PM





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025915.D

Acq: 03 Apr 2020 16:55

Instrument :

BNA_M

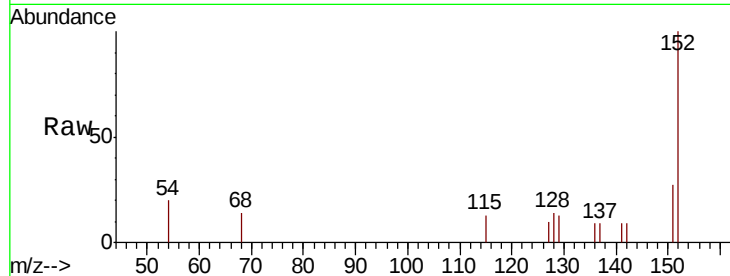
ClientSampleId :

F3E01

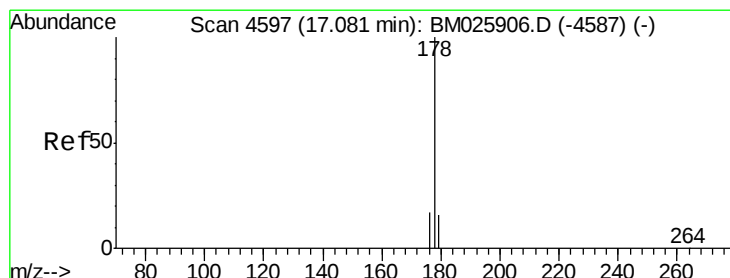
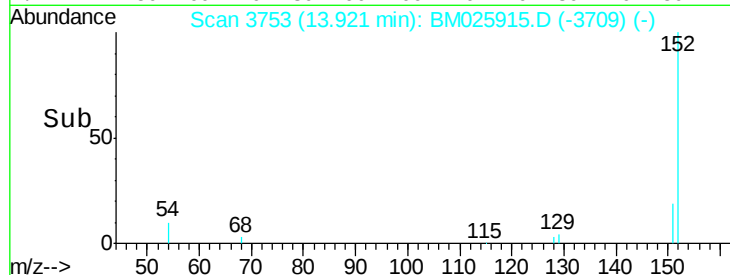
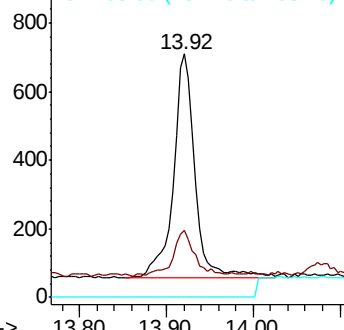
Tot Ion:	152	Resp:	1124
Ion Ratio	Lower	Upper	
152	100		
151	27.3	16.1	24.1#
153	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:40:29 PM



Abundance Ion 152.00 (151.70 to 152.70): E



#13

Anthracene

Concen: 0.036 ng/ul

RT: 17.08 min Scan# 4596

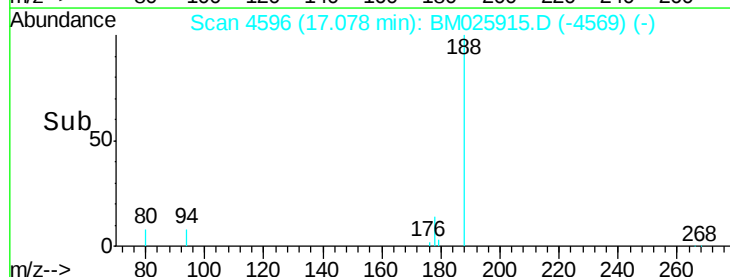
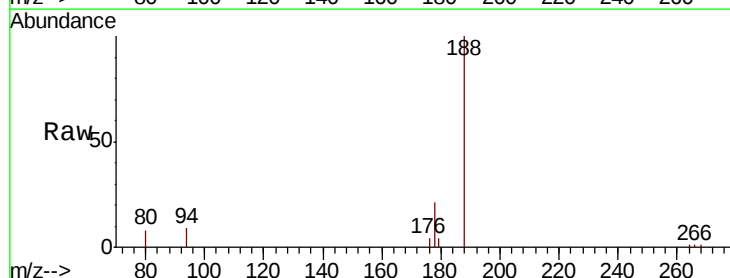
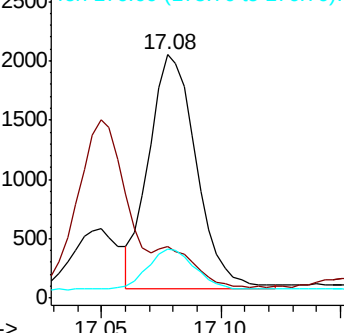
Delta R.T. -0.00 min

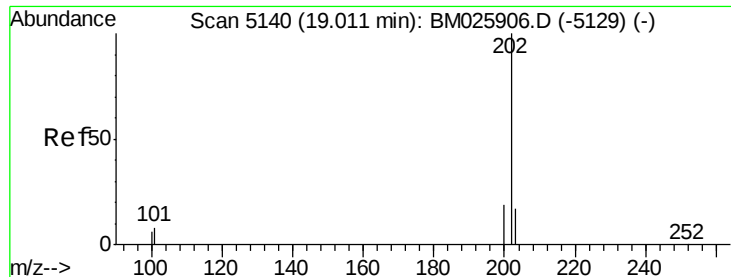
Lab File: BM025915.D

Acq: 03 Apr 2020 16:55

Tgt Ion:	178	Resp:	2723
Ion Ratio	Lower	Upper	
178	100		
179	21.3	12.8	19.2#
176	20.2	14.5	21.7

Abundance Ion 178.00 (177.70 to 178.70): E





#15

Fluoranthene

Concen: 0.080 ng/ul

RT: 19.01 min Scan# 5140

Delta R.T. -0.00 min

Lab File: BM025915.D

Acq: 03 Apr 2020 16:55

Instrument :

BNA_M

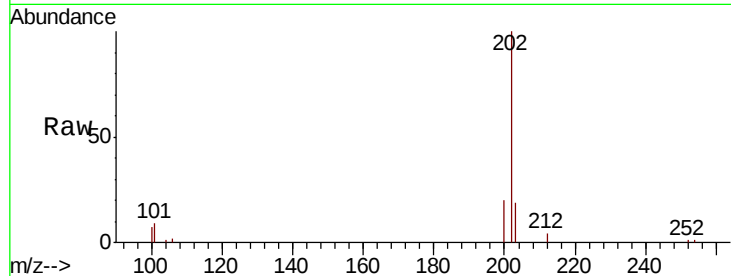
ClientSampleId :

F3E01

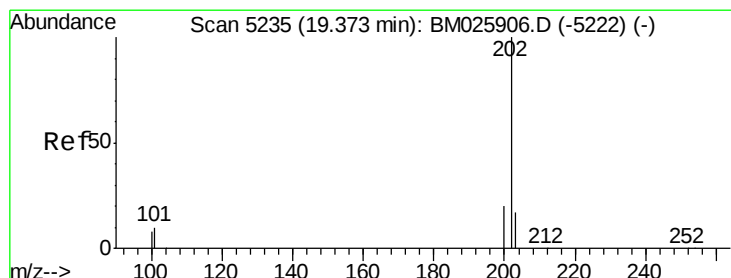
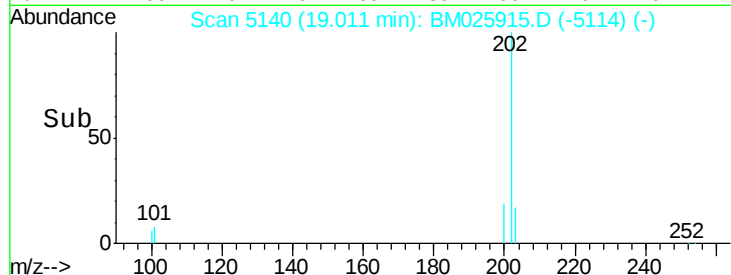
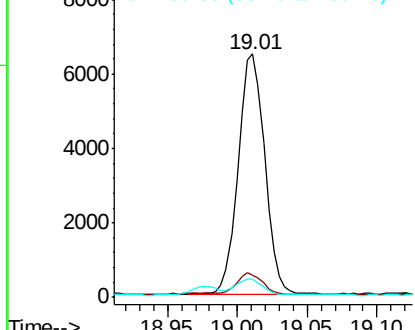
Tot Ion:	202	Resp:	8495
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.6
100	7.3	0.0	27.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:40:29 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: 0.230 ng/ul

RT: 19.37 min Scan# 5235

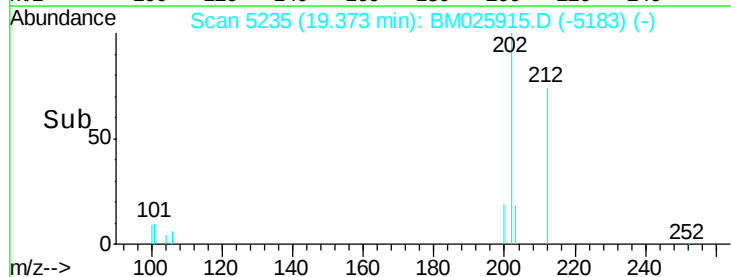
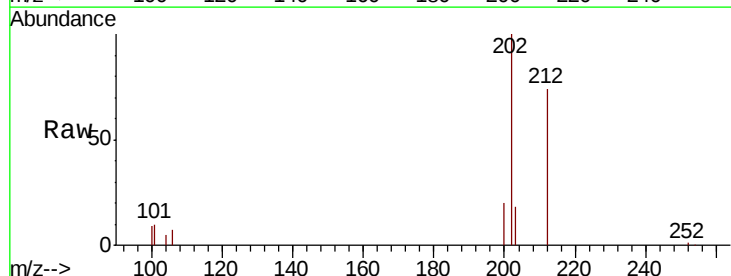
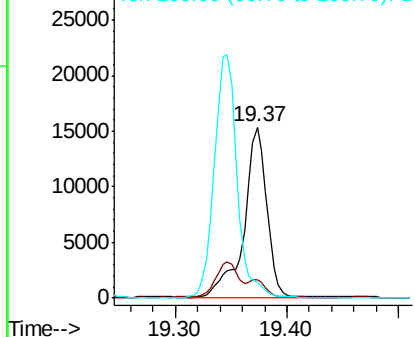
Delta R.T. -0.00 min

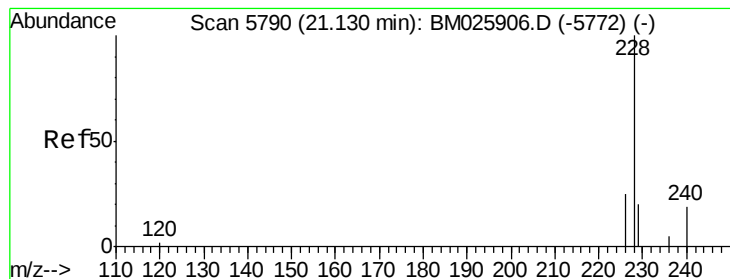
Lab File: BM025915.D

Acq: 03 Apr 2020 16:55

Tgt Ion:	202	Resp:	21595
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.5	11.3
100	9.2	6.3	9.5

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: 0.099 ng/ul

RT: 21.13 min Scan# 5789

Delta R.T. -0.00 min

Lab File: BM025915.D

Acq: 03 Apr 2020 16:55

Instrument :

BNA_M

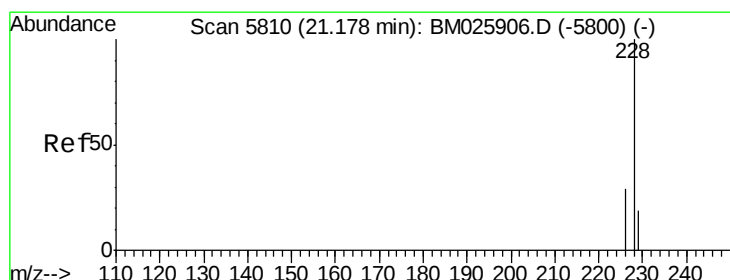
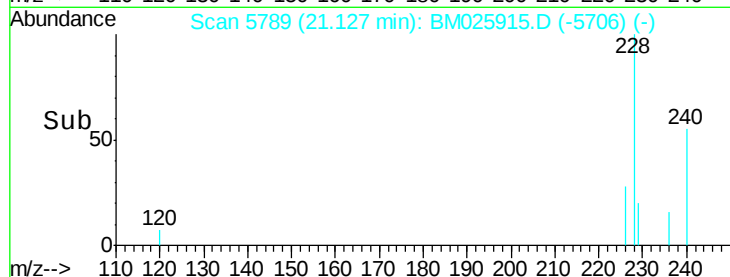
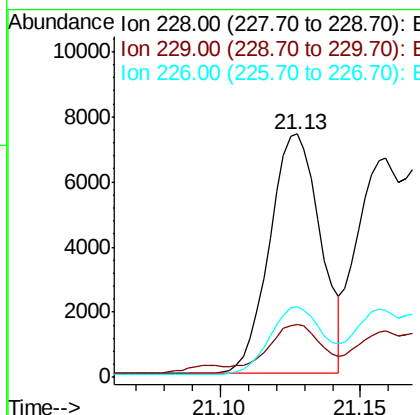
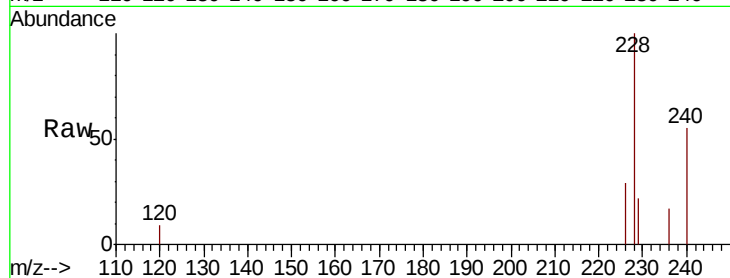
ClientSampleId :

F3E01

Tot Ion:	228	Resp:	9315
Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.8
226	29.3	20.9	31.3

Manual Integrations
APPROVED

mohammad
4/6/2020 1:40:29 PM



#19

Chrysene

Concen: 0.172 ng/ul m

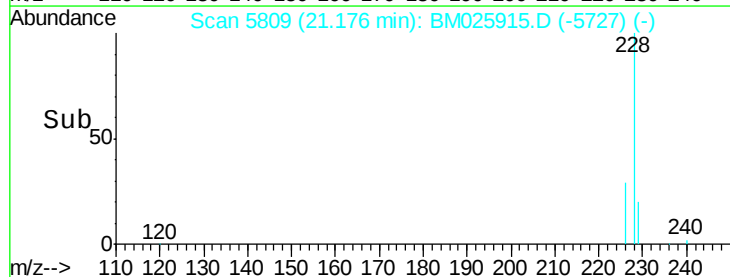
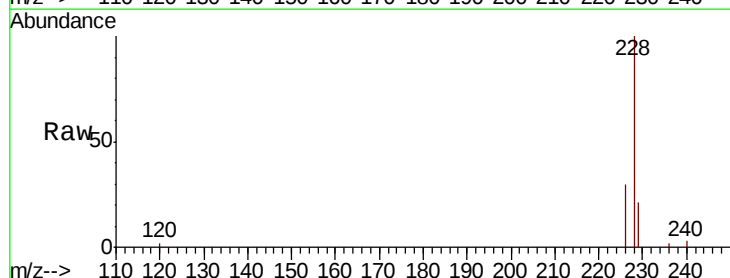
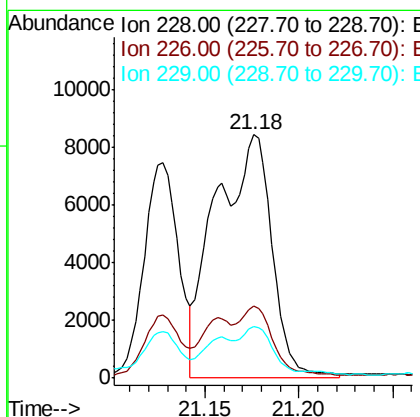
RT: 21.18 min Scan# 5809

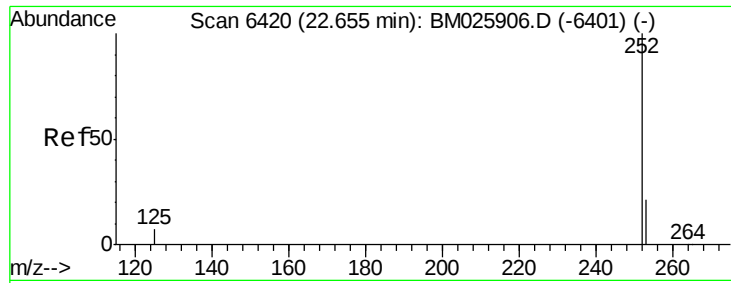
Delta R.T. -0.00 min

Lab File: BM025915.D

Acq: 03 Apr 2020 16:55

Tgt Ion:	228	Resp:	17600
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.9	34.3
229	21.3	15.8	23.8





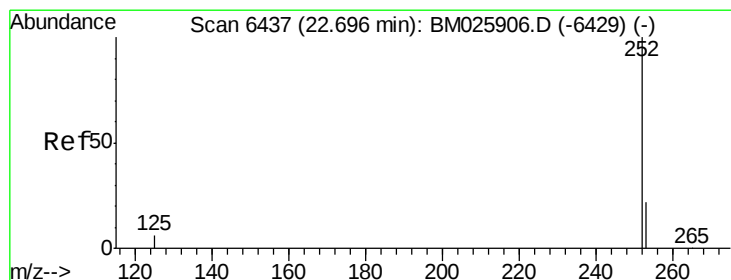
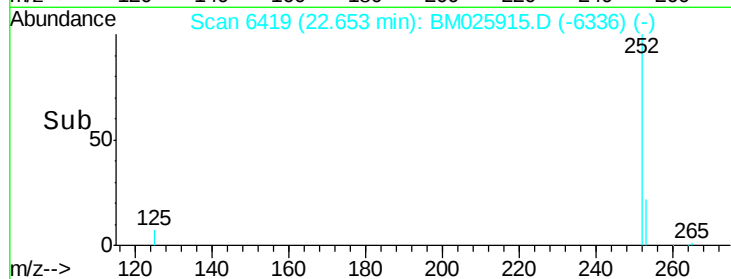
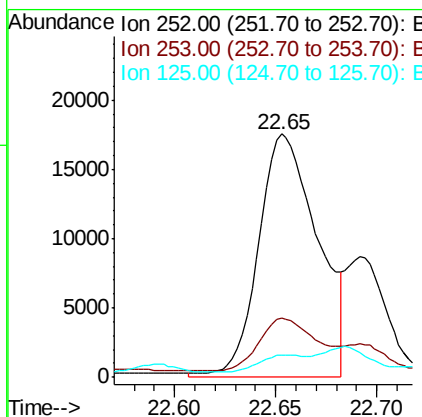
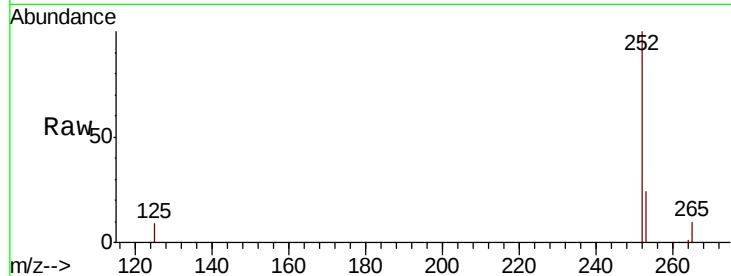
#21
Benzo(b)fluoranthene
Concen: 0.433 ng/ul m
RT: 22.65 min Scan# 6419
Delta R.T. -0.00 min
Lab File: BM025915.D
Acq: 03 Apr 2020 16:55

Instrument :
BNA_M
ClientSampleId :
F3E01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	0.0	46.6
125	9.4	0.0	15.4

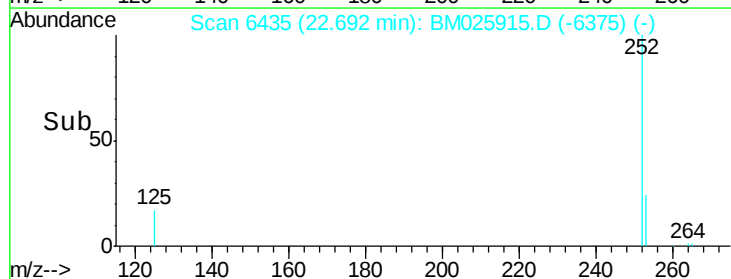
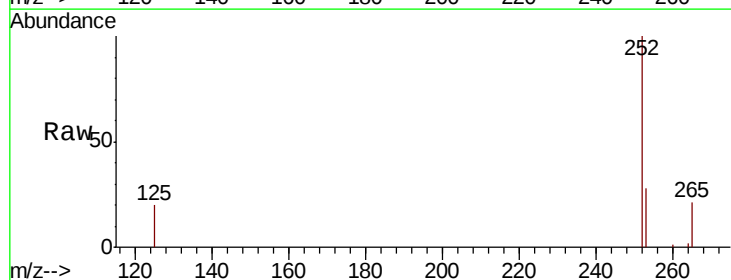
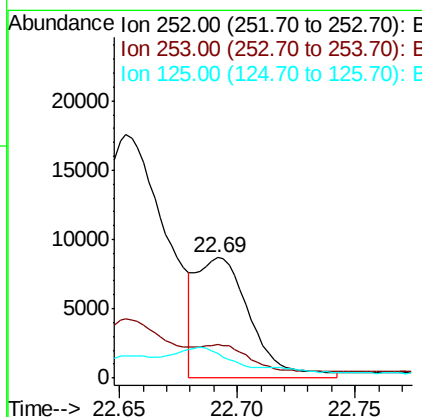
Manual Integrations
APPROVED

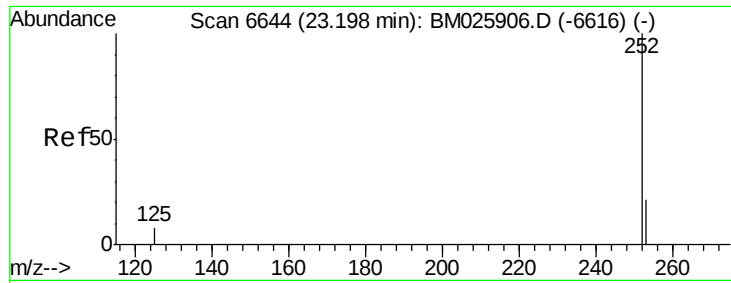
mohammad
4/6/2020 1:40:29 PM



#22
Benzo(k)fluoranthene
Concen: 0.157 ng/ul m
RT: 22.69 min Scan# 6435
Delta R.T. -0.00 min
Lab File: BM025915.D
Acq: 03 Apr 2020 16:55

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.1	19.0	28.4
125	20.3	6.7	10.1#





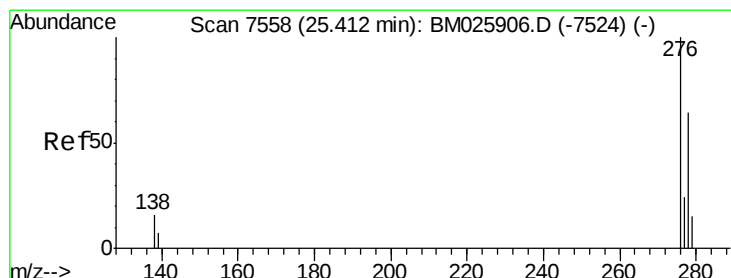
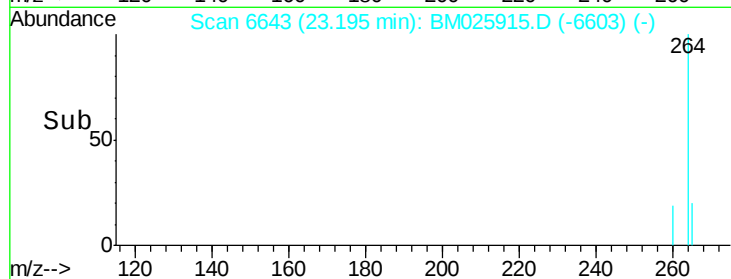
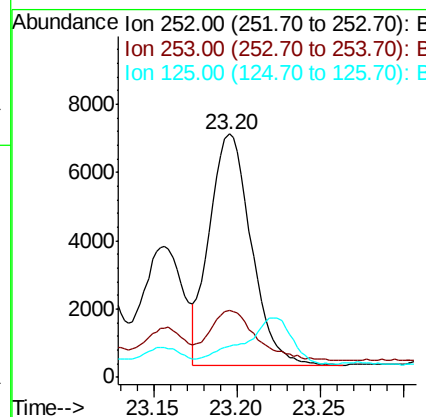
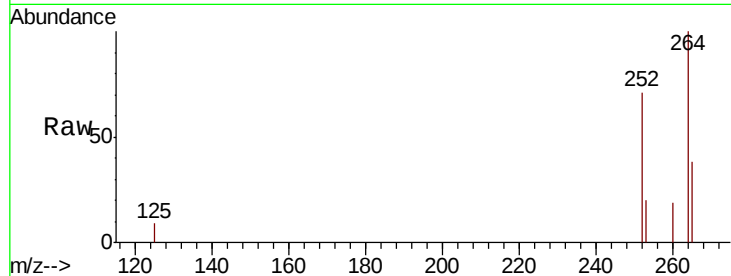
#23
Benzo(a)pyrene
Concen: 0.161 ng/u1
RT: 23.20 min Scan# 6643
Delta R.T. -0.00 min
Lab File: BM025915.D
Acq: 03 Apr 2020 16:55

Instrument :
BNA_M
ClientSampleId :
F3E01

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.2	28.8
125	12.7	7.4	11.0

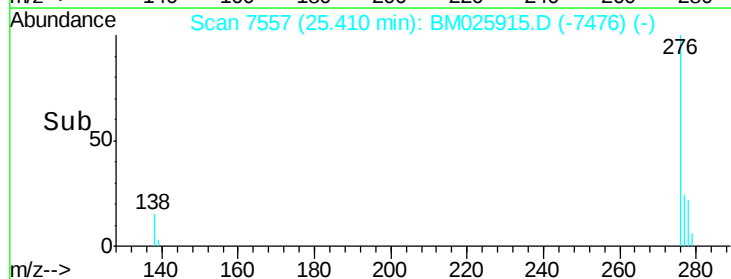
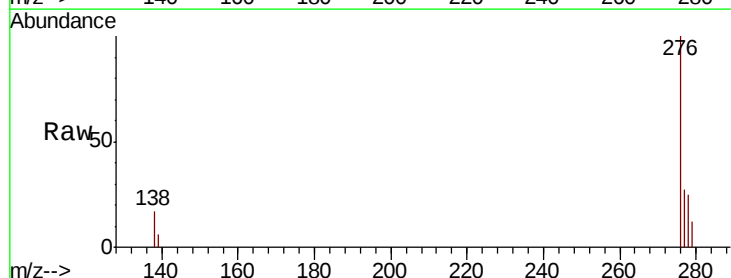
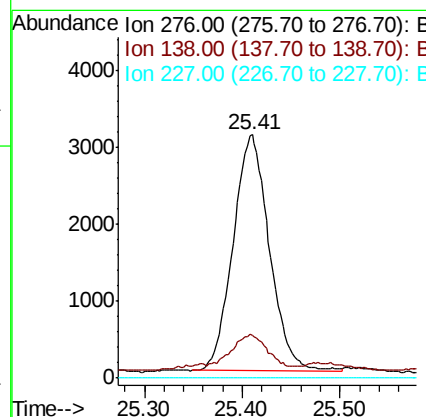
Manual Integrations
APPROVED

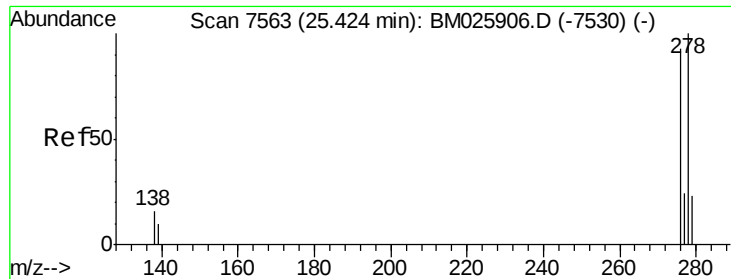
mohammad
4/6/2020 1:40:29 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/u1
RT: 25.41 min Scan# 7557
Delta R.T. -0.00 min
Lab File: BM025915.D
Acq: 03 Apr 2020 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.6	19.0
227	0.0	0.0	0.0





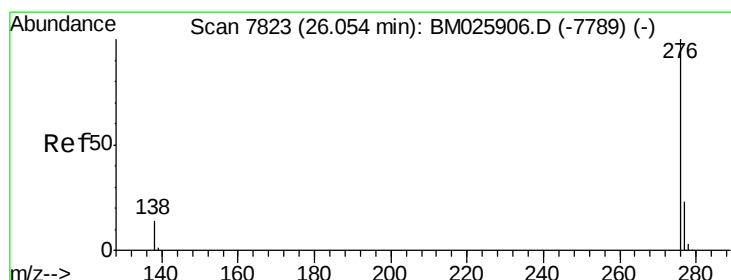
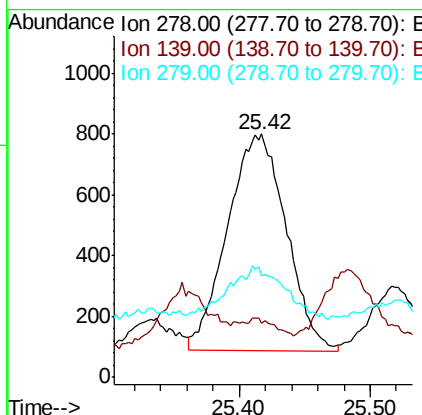
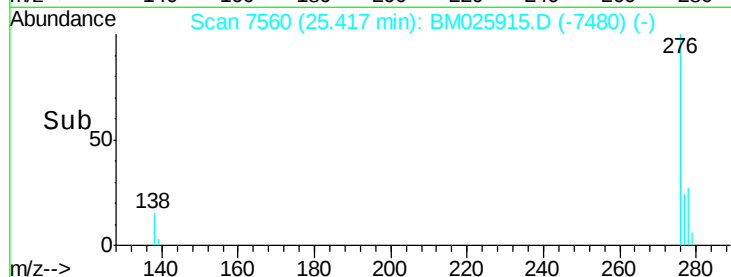
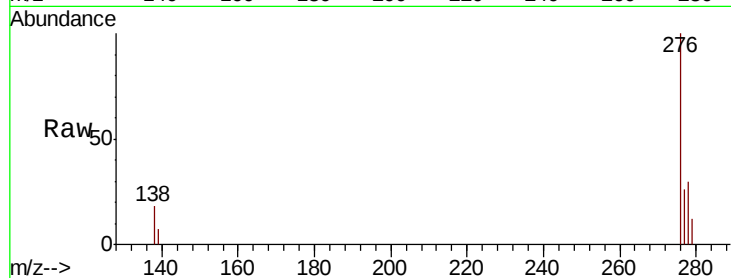
#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/u1
RT: 25.42 min Scan# 7560
Delta R.T. -0.01 min
Lab File: BM025915.D
Acq: 03 Apr 2020 16:55

Instrument :
BNA_M
ClientSampled :
F3E01

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	8.9	13.3#
279	41.7	20.0	30.0#

Manual Integrations
APPROVED

mohammad
4/6/2020 1:40:29 PM



#26
Benzo(g,h,i)perylene
Concen: 0.069 ng/u1
RT: 26.05 min Scan# 7823
Delta R.T. -0.00 min
Lab File: BM025915.D
Acq: 03 Apr 2020 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	11.8	17.8#
277	26.2	19.2	28.8

