

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025423.D
 Acq On : 09 Mar 2020 20:39
 Operator : CG/JU
 Sample : L1619-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDW1

Manual Integrations
 APPROVED

mohammad
 3/10/2020 7:59:17 AM

Quant Time: Mar 09 21:12:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3729	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16005	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12588	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	24588	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17776	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16453	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6825	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	15802	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	67098	1.416	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	204266	6.032	ng/ul	100
7) Acenaphthylene	14.01	152	6827	0.133	ng/ul#	76
8) Acenaphthene	14.35	153	679353	15.060	ng/ul	98
9) Fluorene	15.34	166	620052	11.280	ng/ul	99
12) Phenanthrene	17.08	178	2547948	32.699	ng/ul	100
13) Anthracene	17.17	178	188034	2.773	ng/ul	99
15) Fluoranthene	19.09	202	1343538	15.906	ng/ul	99
17) Pyrene	19.46	202	897841	11.253	ng/ul	99
18) Benzo(a)anthracene	21.20	228	150320	2.365	ng/ul	99
19) Chrysene	21.26	228	134091	1.879	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	74699m	1.147	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	28194m	0.413	ng/ul	
23) Benzo(a)pyrene	23.31	252	42320	0.782	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.58	276	14480	0.197	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4066	0.066	ng/ul#	79
26) Benzo(a,h,i)perylene	26.24	276	9452	0.148	ng/ul#	94

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

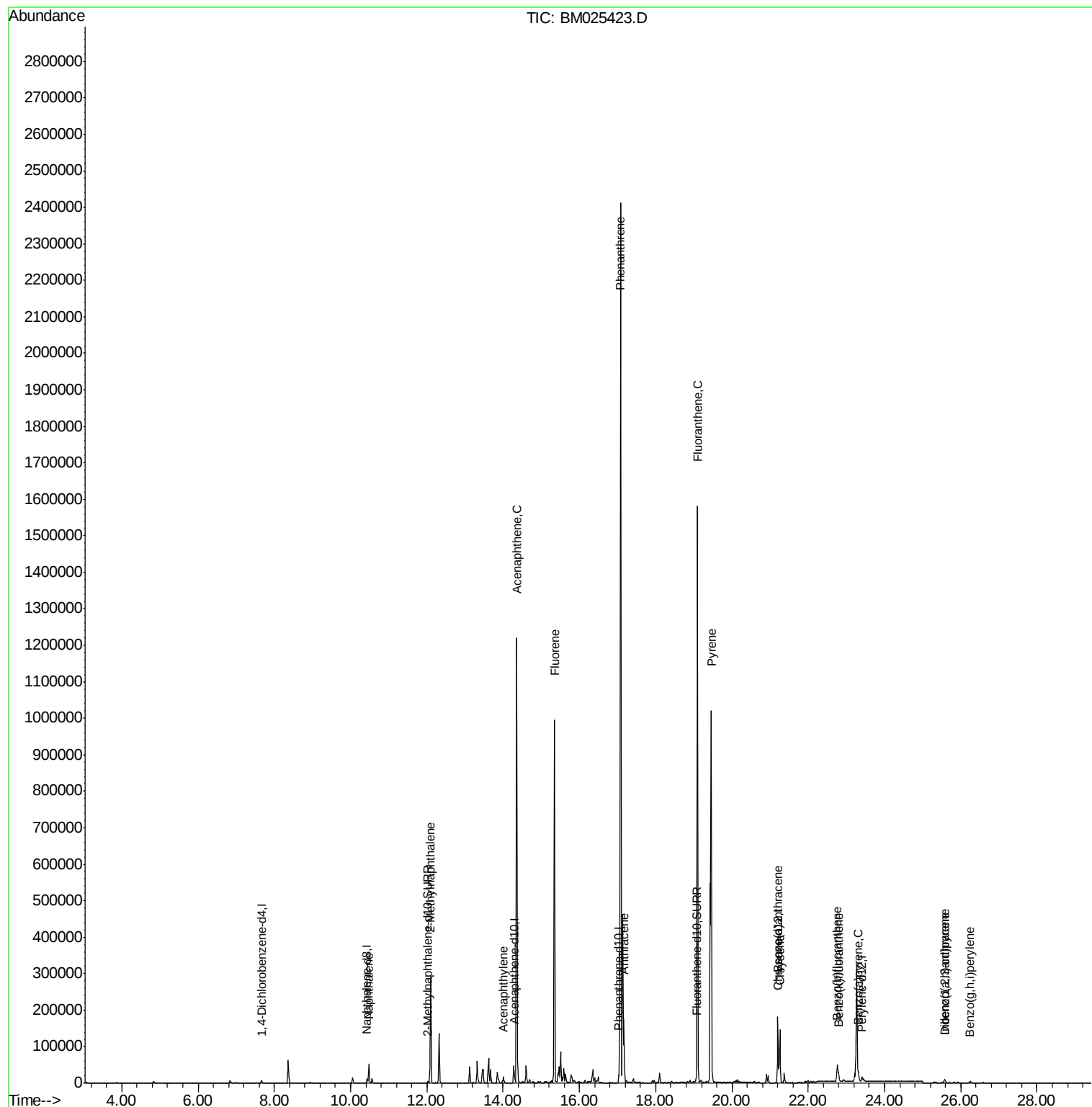
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025423.D
Acq On : 09 Mar 2020 20:39
Operator : CG/JU
Sample : L1619-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

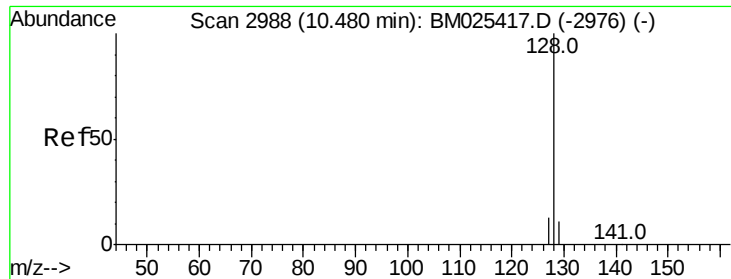
Instrument :
BNA_M
ClientSampleId :
DBDW1

Manual Integrations
APPROVED

mohammad
3/10/2020 7:59:17 AM

Quant Time: Mar 09 21:12:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.416 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Instrument :

BNA_M

ClientSampleId :

DBDW1

Tot Ion:128 Resp: 67098

Ion Ratio Lower Upper

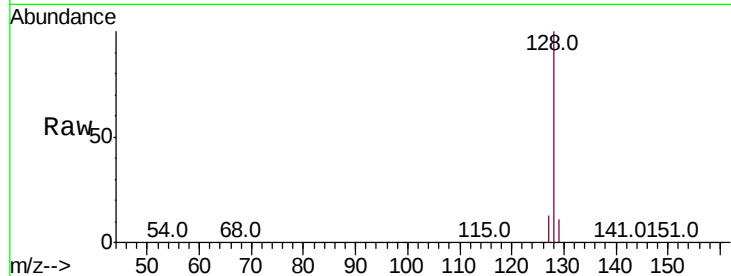
128 100

129 11.1 9.4 14.0

127 12.9 10.9 16.3

Manual Integrations
APPROVED

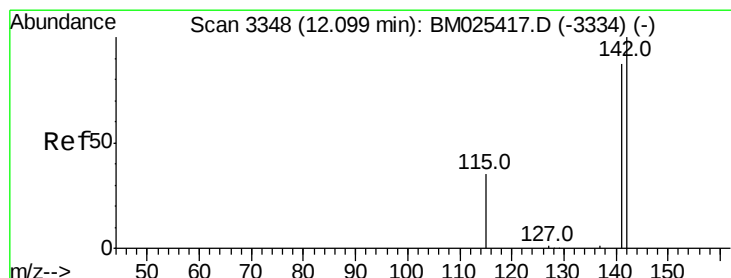
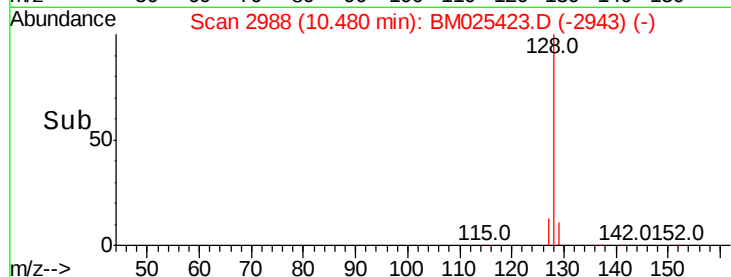
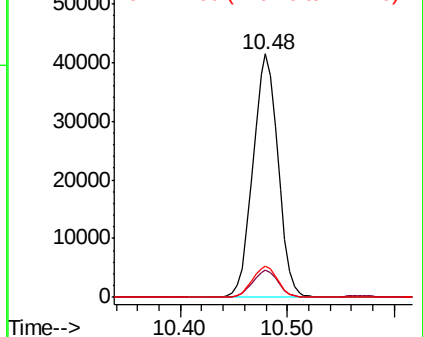
mohammad
3/10/2020 7:59:17 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 6.032 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025423.D

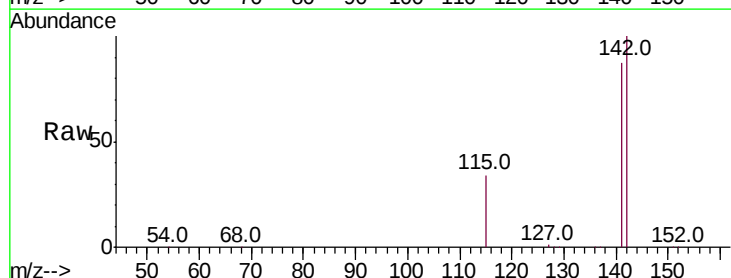
Acq: 09 Mar 2020 20:39

Tgt Ion:142 Resp: 204266

Ion Ratio Lower Upper

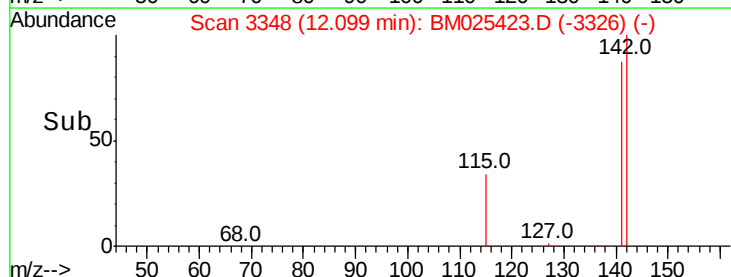
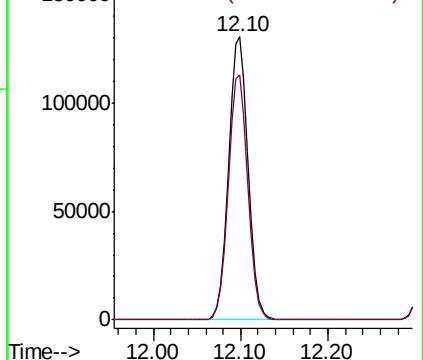
142 100

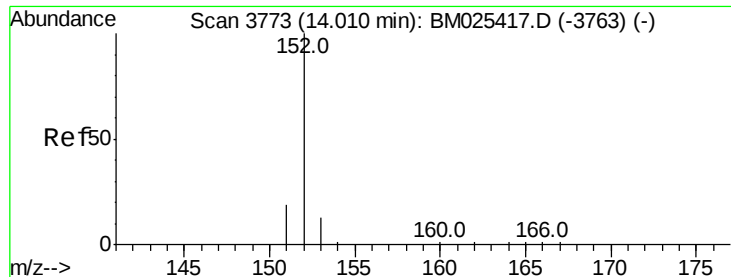
141 87.2 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.133 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Instrument :

BNA_M

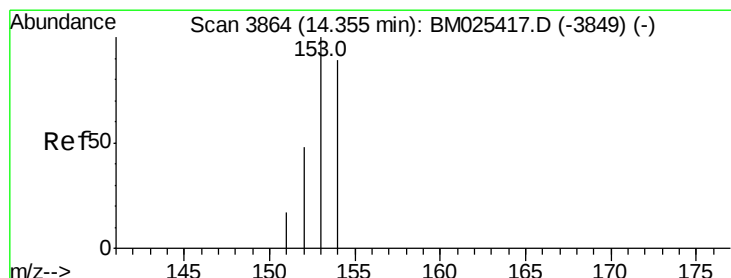
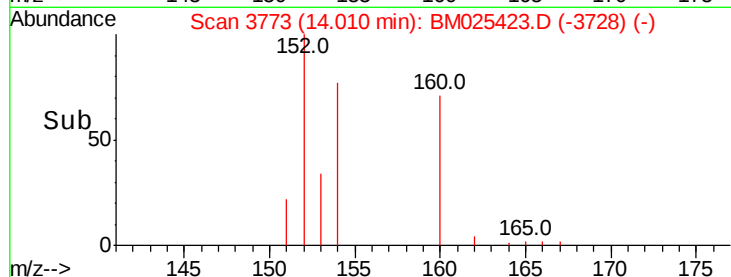
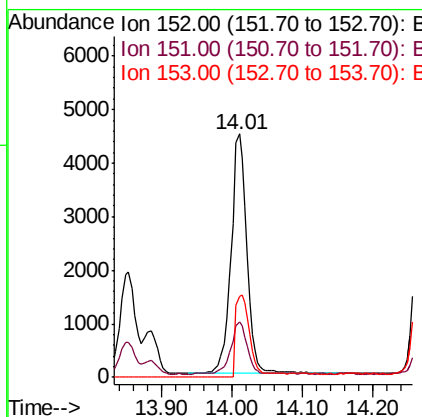
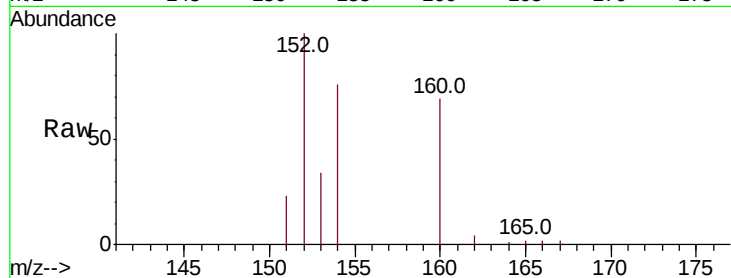
ClientSampleId :

DBDW1

Tot Ion:	152	Resp:	6827
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.2	24.2
153	33.6	10.6	16.0#

Manual Integrations
APPROVED

mohammad
3/10/2020 7:59:17 AM



#8

Acenaphthene

Concen: 15.060 ng/ul

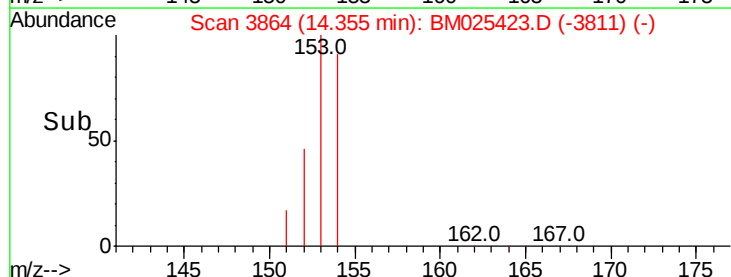
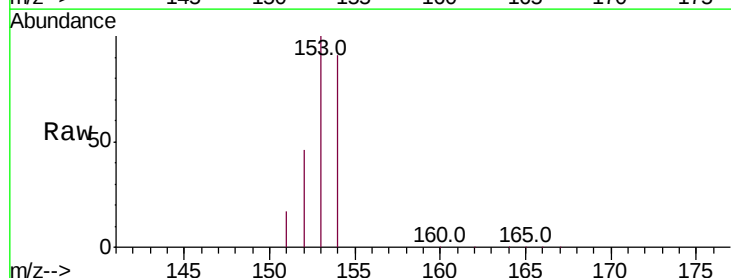
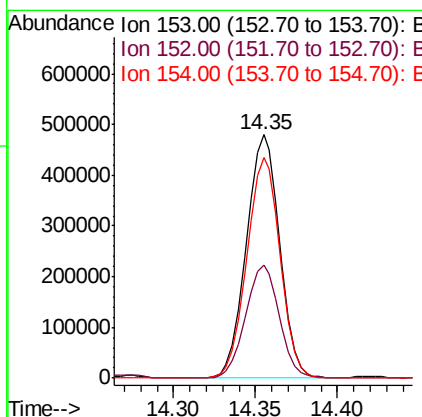
RT: 14.35 min Scan# 3864

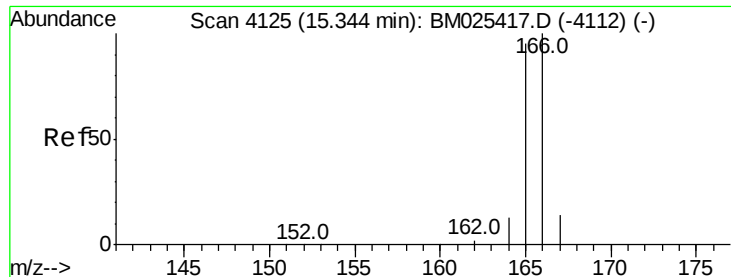
Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Tgt Ion:	153	Resp:	679353
Ion Ratio	Lower	Upper	
153	100		
152	46.3	39.5	59.3
154	90.8	71.7	107.5





#9

Fluorene

Concen: 11.280 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Instrument :

BNA_M

ClientSampleId :

DBDW1

Tot Ion:166 Resp: 620052

Ion Ratio Lower Upper

166 100

165 95.2 76.8 115.2

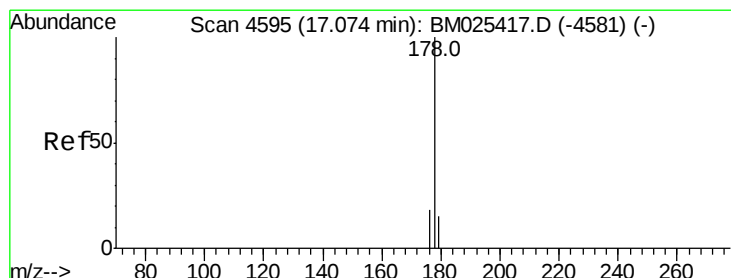
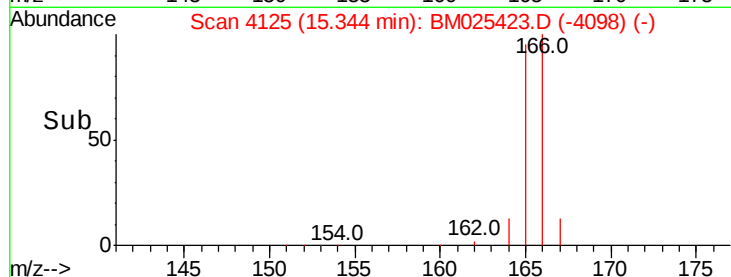
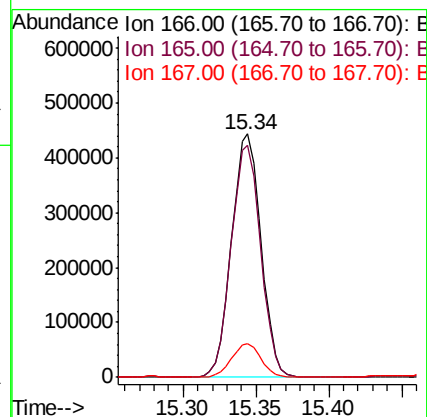
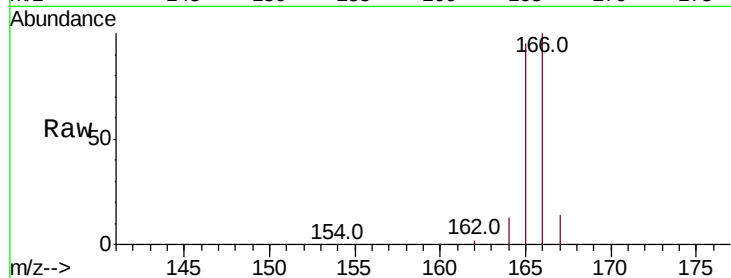
167 13.6 11.2 16.8

Manual Integrations

APPROVED

mohammad

3/10/2020 7:59:17 AM



#12

Phenanthrene

Concen: 32.699 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

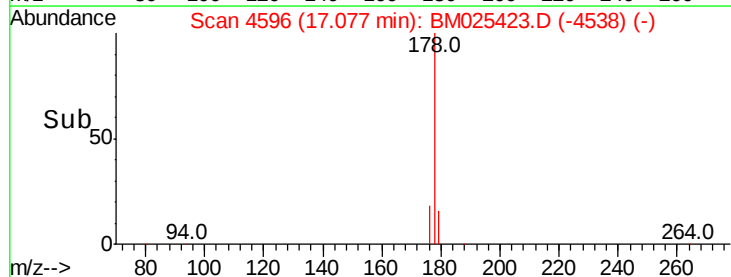
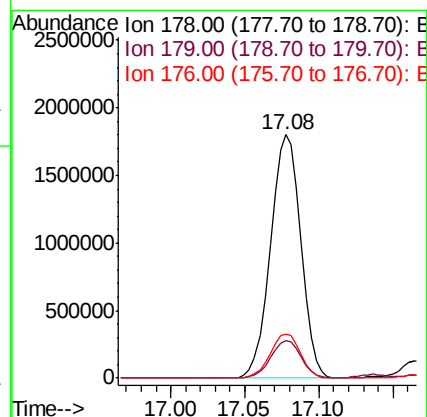
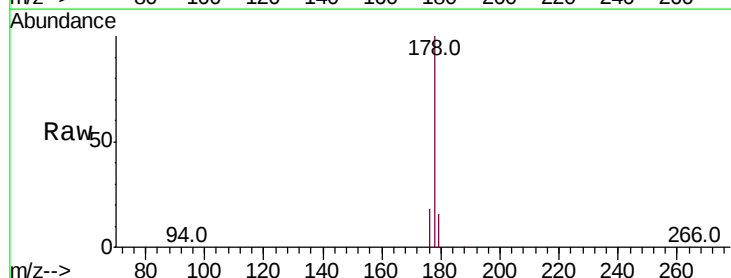
Tgt Ion:178 Resp: 2547948

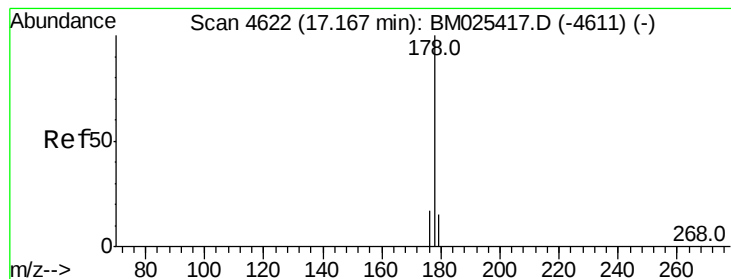
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.2 14.8 22.2





#13

Anthracene

Concen: 2.773 ng/ul

RT: 17.17 min Scan# 4622

Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Instrument :

BNA_M

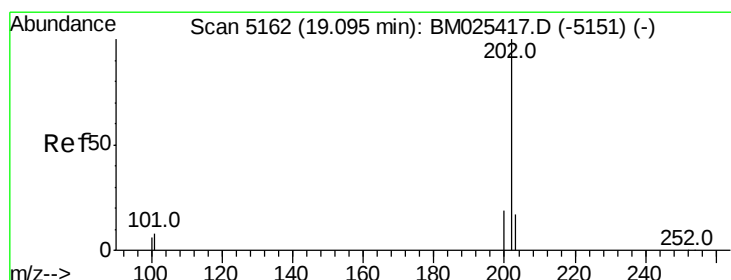
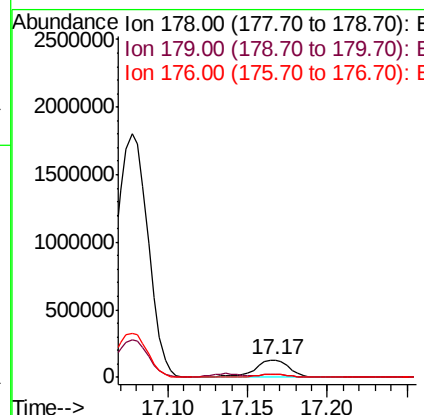
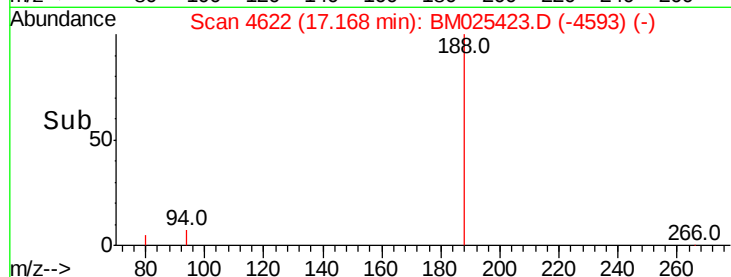
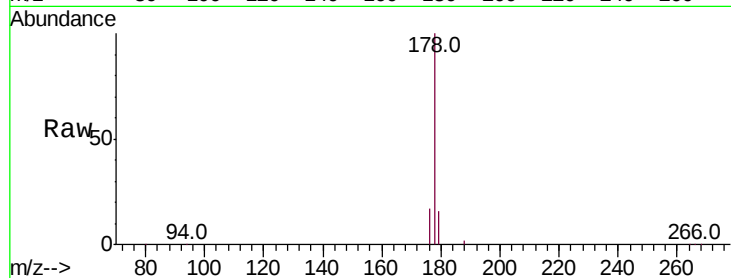
ClientSampleId :

DBDW1

Tot Ion:	178	Resp:	188034
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	17.5	14.5	21.7

Manual Integrations
APPROVED

mohammad
3/10/2020 7:59:17 AM



#15

Fluoranthene

Concen: 15.906 ng/ul

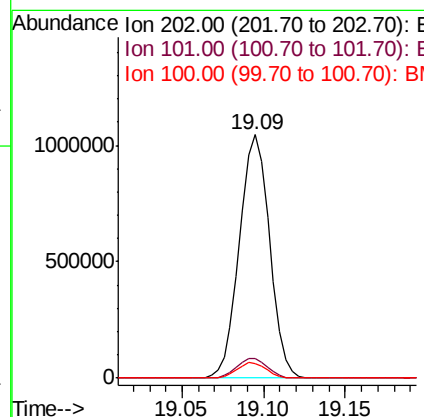
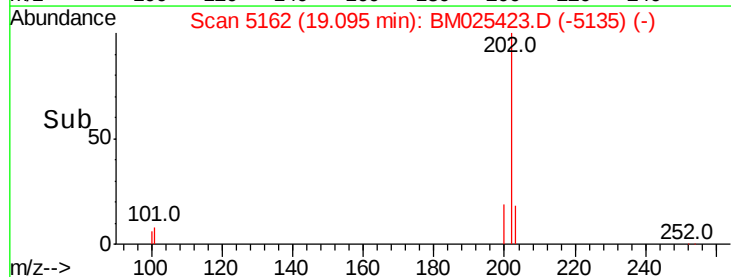
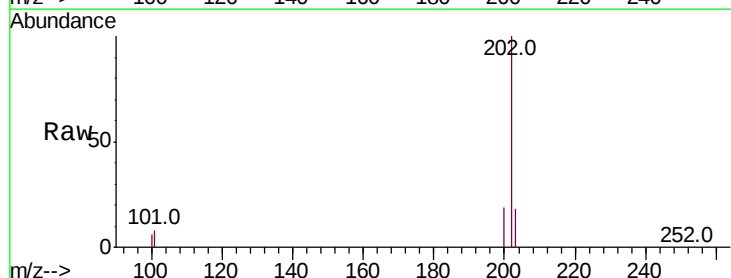
RT: 19.09 min Scan# 5162

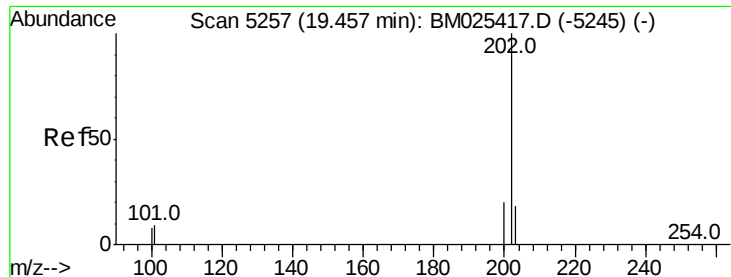
Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Tgt Ion:	202	Resp:	1343538
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	27.5
100	6.1	0.0	26.0





#17

Pvrene

Concen: 11.253 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Instrument :

BNA_M

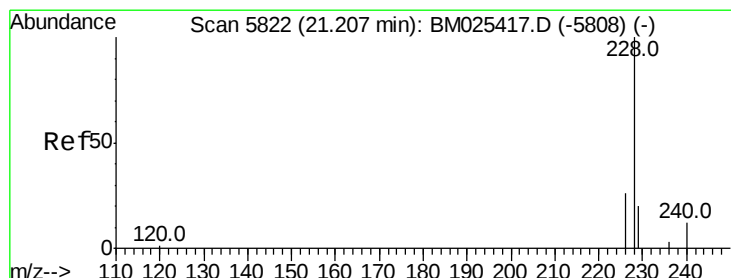
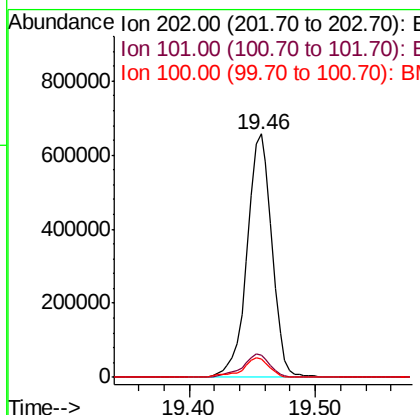
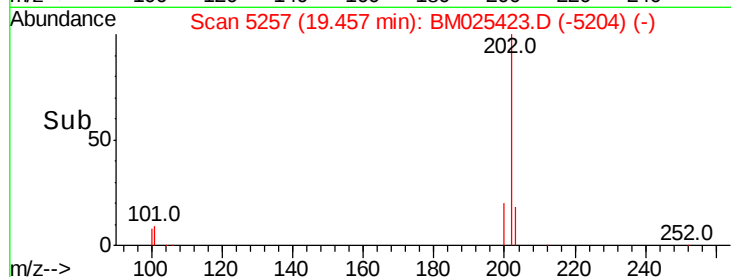
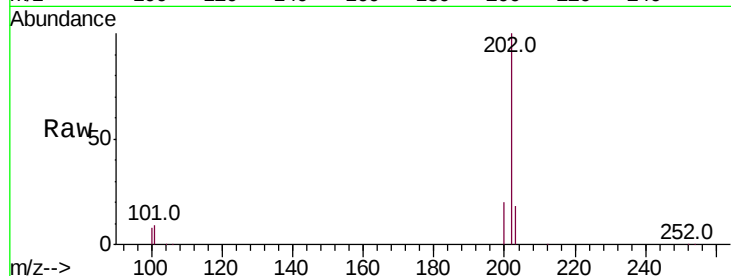
ClientSampled :

DBDW1

Tot Ion:	202	Resp:	897841
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.1	10.7
100	7.7	6.0	9.0

Manual Integrations
APPROVED

mohammad
3/10/2020 7:59:17 AM



#18

Benzo(a)anthracene

Concen: 2.365 ng/ul

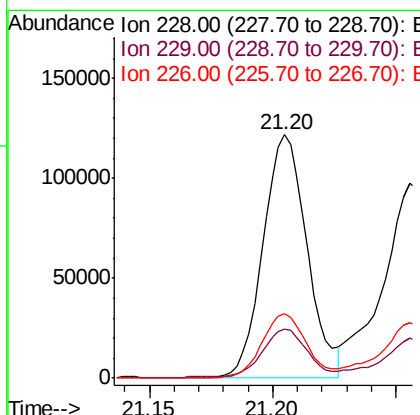
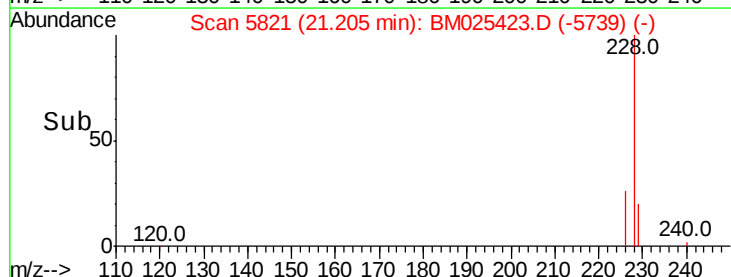
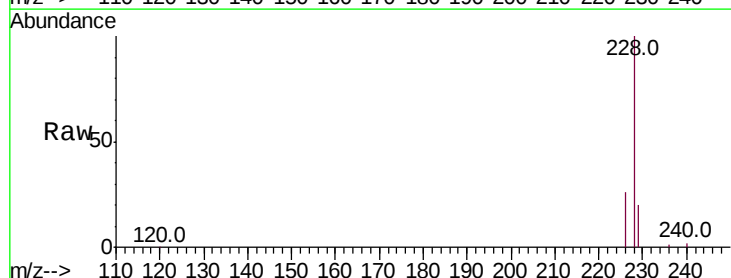
RT: 21.20 min Scan# 5821

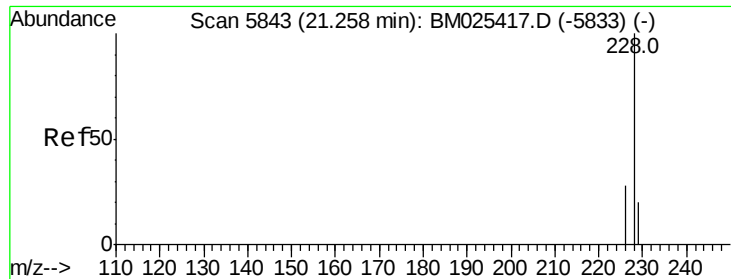
Delta R.T. -0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Tgt Ion:	228	Resp:	150320
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.6	23.4
226	26.4	21.1	31.7





#19

Chrysene

Concen: 1.879 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Instrument :

BNA_M

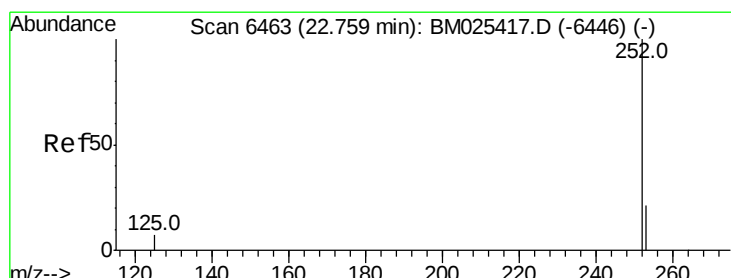
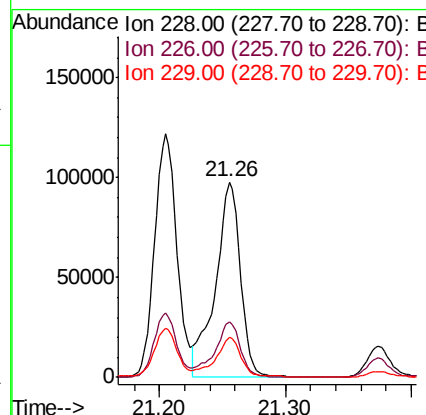
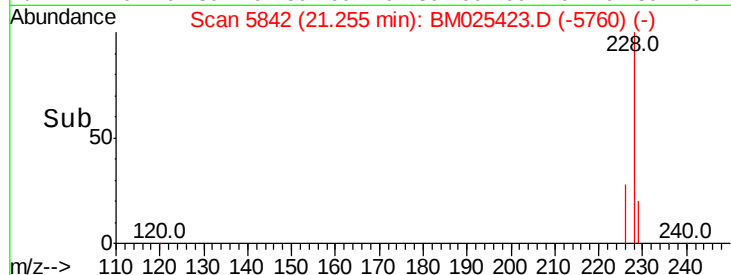
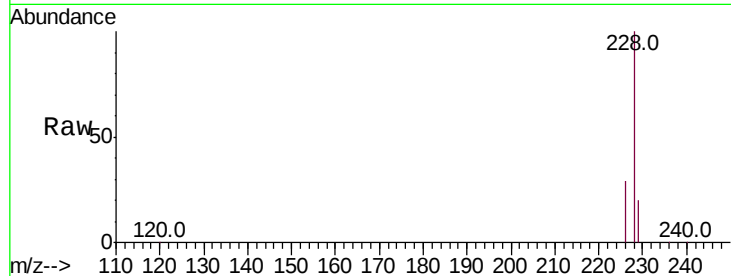
ClientSampleId :

DBDW1

Tot Ion:228	Resp:	134091
Ion Ratio	Lower	Upper
228	100	
226	28.6	23.6 35.4
229	20.4	16.3 24.5

Manual Integrations
APPROVED

mohammad
3/10/2020 7:59:17 AM



#21

Benzo(b)fluoranthene

Concen: 1.147 ng/ul m

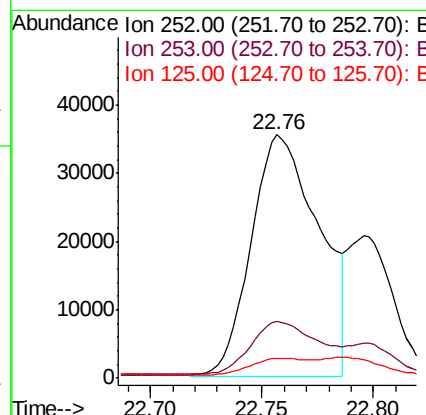
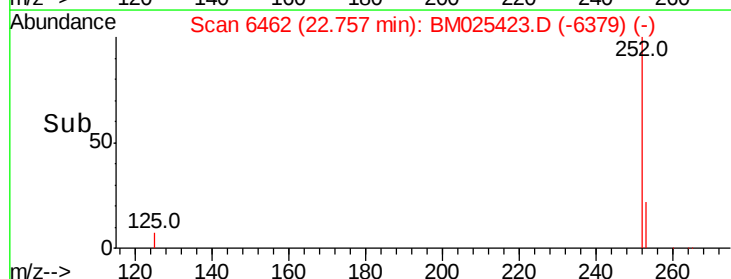
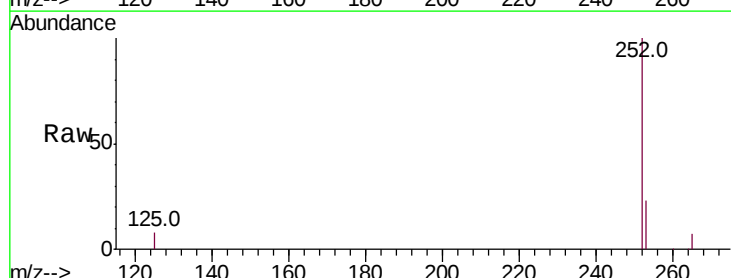
RT: 22.76 min Scan# 6462

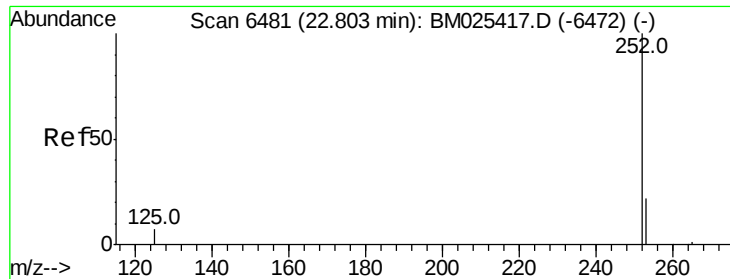
Delta R.T. 0.00 min

Lab File: BM025423.D

Acq: 09 Mar 2020 20:39

Tgt Ion:252	Resp:	74699
Ion Ratio	Lower	Upper
252	100	
253	23.1	0.0 50.2
125	8.2	0.0 17.6





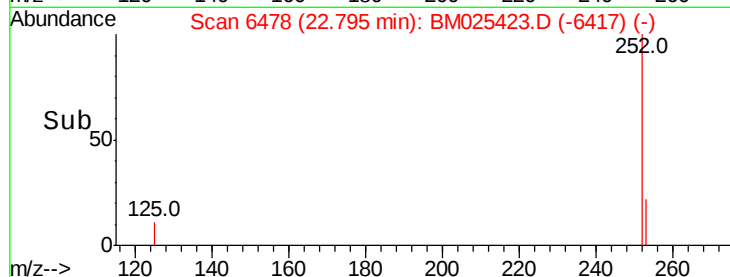
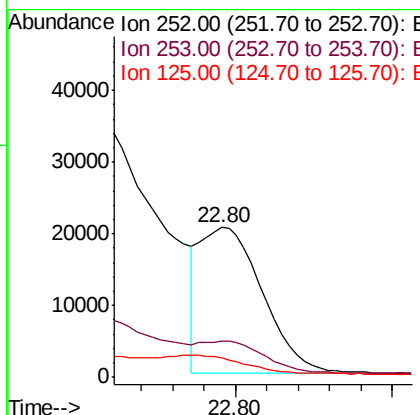
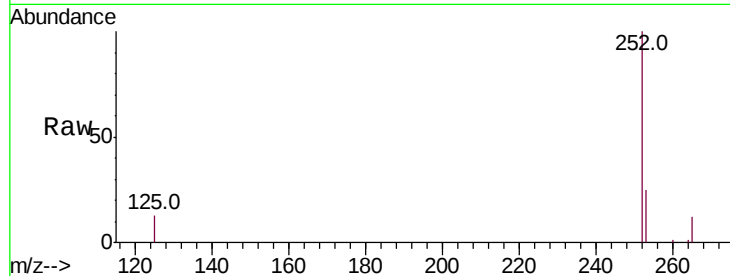
#22
Benzo(k)fluoranthene
Concen: 0.413 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025423.D
Acq: 09 Mar 2020 20:39

Instrument :
BNA_M
ClientSampleId :
DBDW1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.8	29.8
125	12.9	7.1	10.7

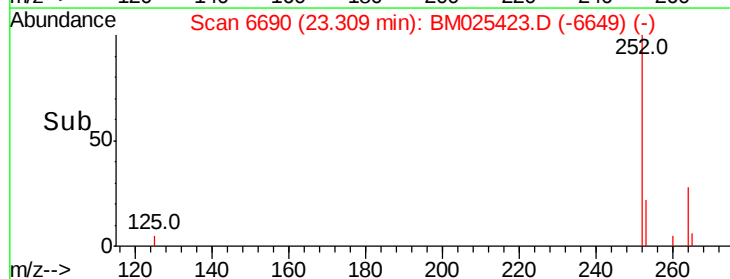
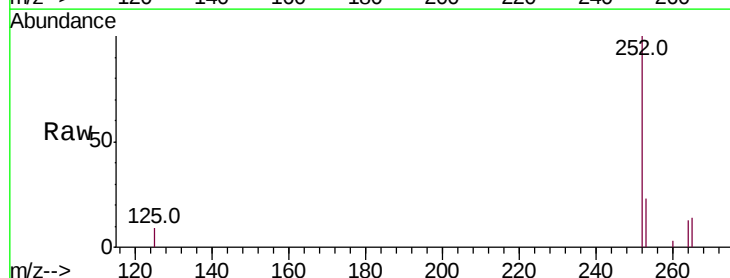
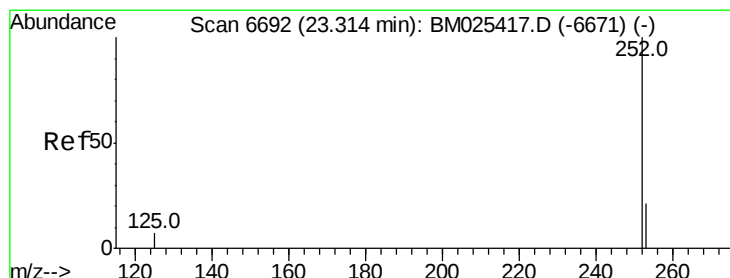
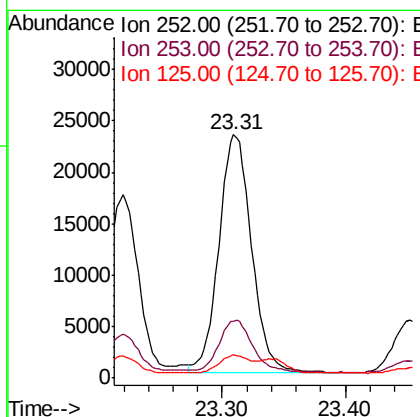
Manual Integrations
APPROVED

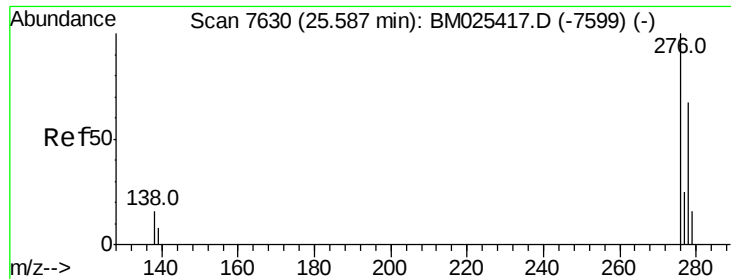
mohammad
3/10/2020 7:59:17 AM



#23
Benzo(a)pyrene
Concen: 0.782 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025423.D
Acq: 09 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.3	31.9
125	9.4	8.5	12.7





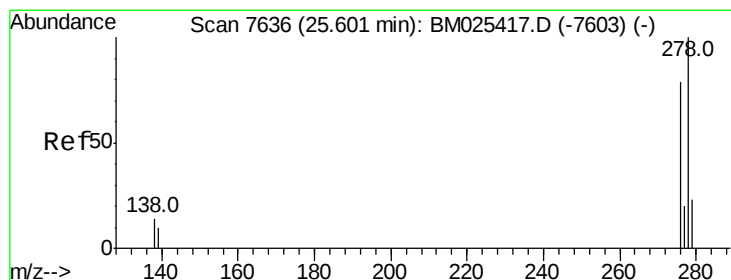
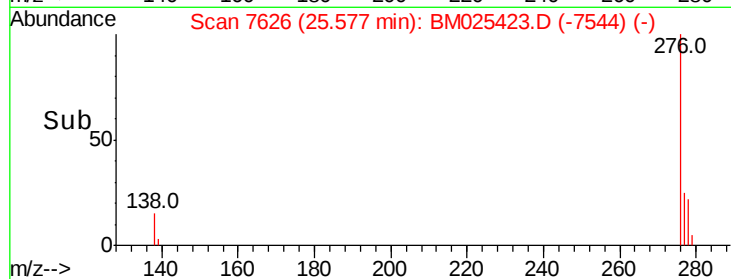
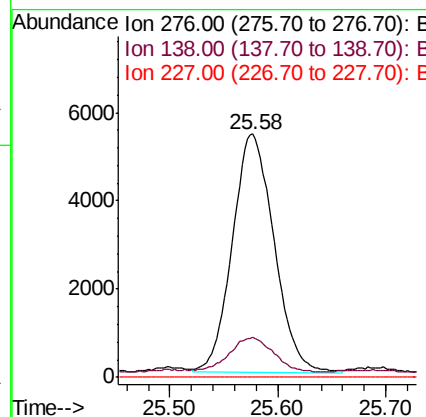
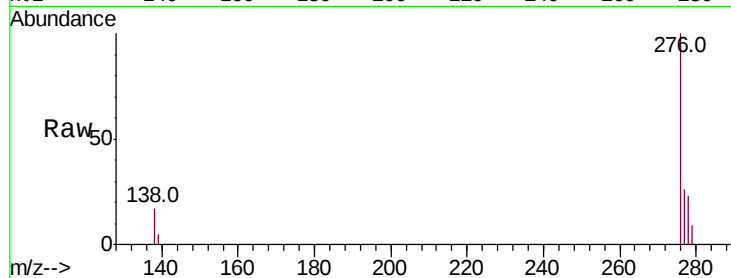
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025423.D
Acq: 09 Mar 2020 20:39

Instrument :
BNA_M
ClientSampleId :
DBDW1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.3	18.5
227	0.0	0.0	0.0

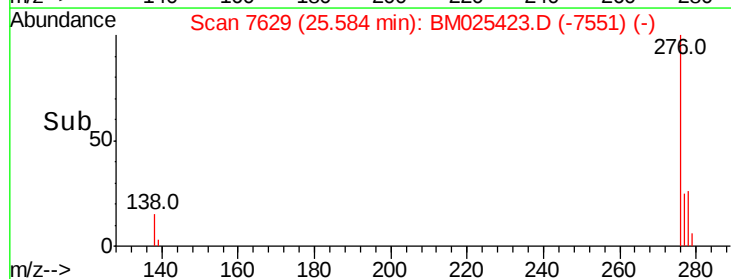
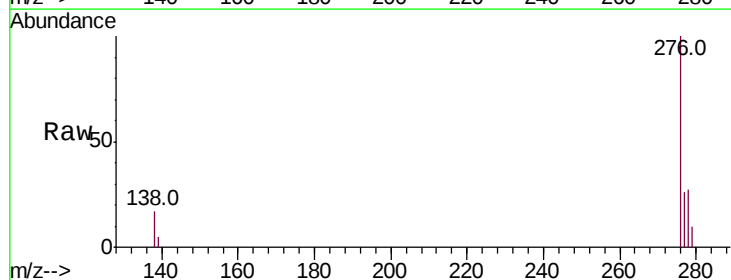
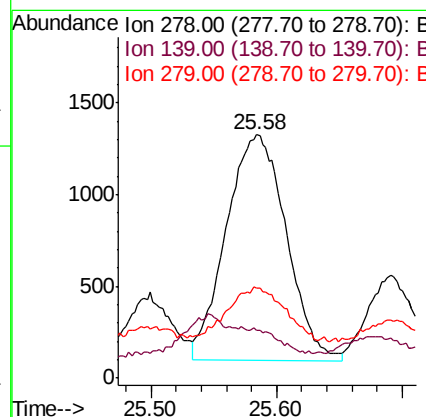
Manual Integrations
APPROVED

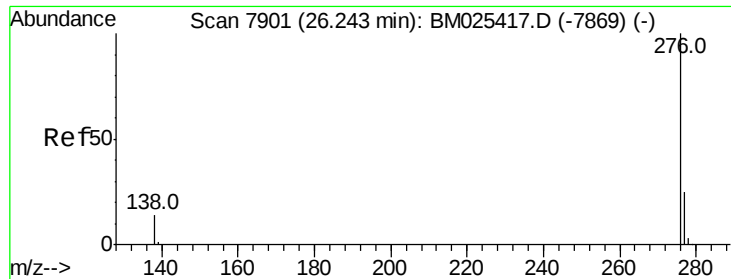
mohammad
3/10/2020 7:59:17 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.01 min
Lab File: BM025423.D
Acq: 09 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	9.0	31.6#
279	36.8	21.1	31.7#





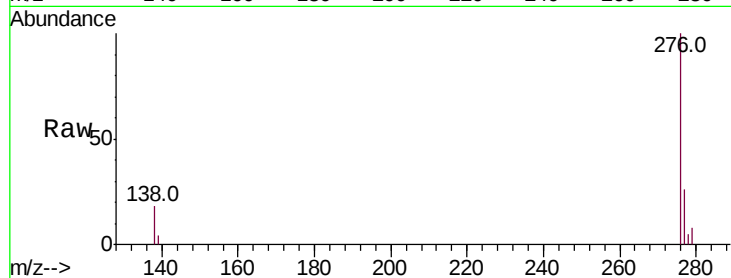
#26
 Benzo(a,h,i)perylene
 Concen: 0.148 ng/ul
 RT: 26.24 min Scan# 7899
 Delta R.T. -0.00 min
 Lab File: BM025423.D
 Acq: 09 Mar 2020 20:39

Instrument :
 BNA_M
 ClientSampleId :
 DBDW1

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	11.0	16.4#
277	26.4	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/10/2020 7:59:17 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

