

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027945.D
 Acq On : 24 Nov 2020 16:31
 Operator : JU/CG
 Sample : L4749-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B13

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:46:12 PM

Quant Time: Nov 24 17:26:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:00:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	988	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2191	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3743	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2037	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2004	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	787	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1177	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	5672	0.485	ng/ul	99
5) 2-Methylnaphthalene	12.80	142	2757	0.346	ng/ul	99
7) Acenaphthylene	14.67	152	2732	0.256	ng/ul	96
8) Acenaphthene	15.00	153	16481	2.057	ng/ul	99
9) Fluorene	15.98	166	11199	1.205	ng/ul	100
12) Phenanthrene	17.70	178	171237	14.482	ng/ul	97
13) Anthracene	17.79	178	34549	3.029	ng/ul	98
15) Fluoranthene	19.68	202	254006	19.375	ng/ul	100
17) Pyrene	20.04	202	197873	19.127	ng/ul	98
18) Benzo(a)anthracene	21.75	228	85859	10.447	ng/ul	100
19) Chrysene	21.80	228	85140	10.635	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	102533m	12.174	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	38575m	4.677	ng/ul	
23) Benzo(a)pyrene	24.08	252	71860	9.759	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.68	276	49411	6.198	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	11925	1.796	ng/ul	94
26) Benzo(a,h,i)perylene	27.45	276	43130	6.448	ng/ul	93

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

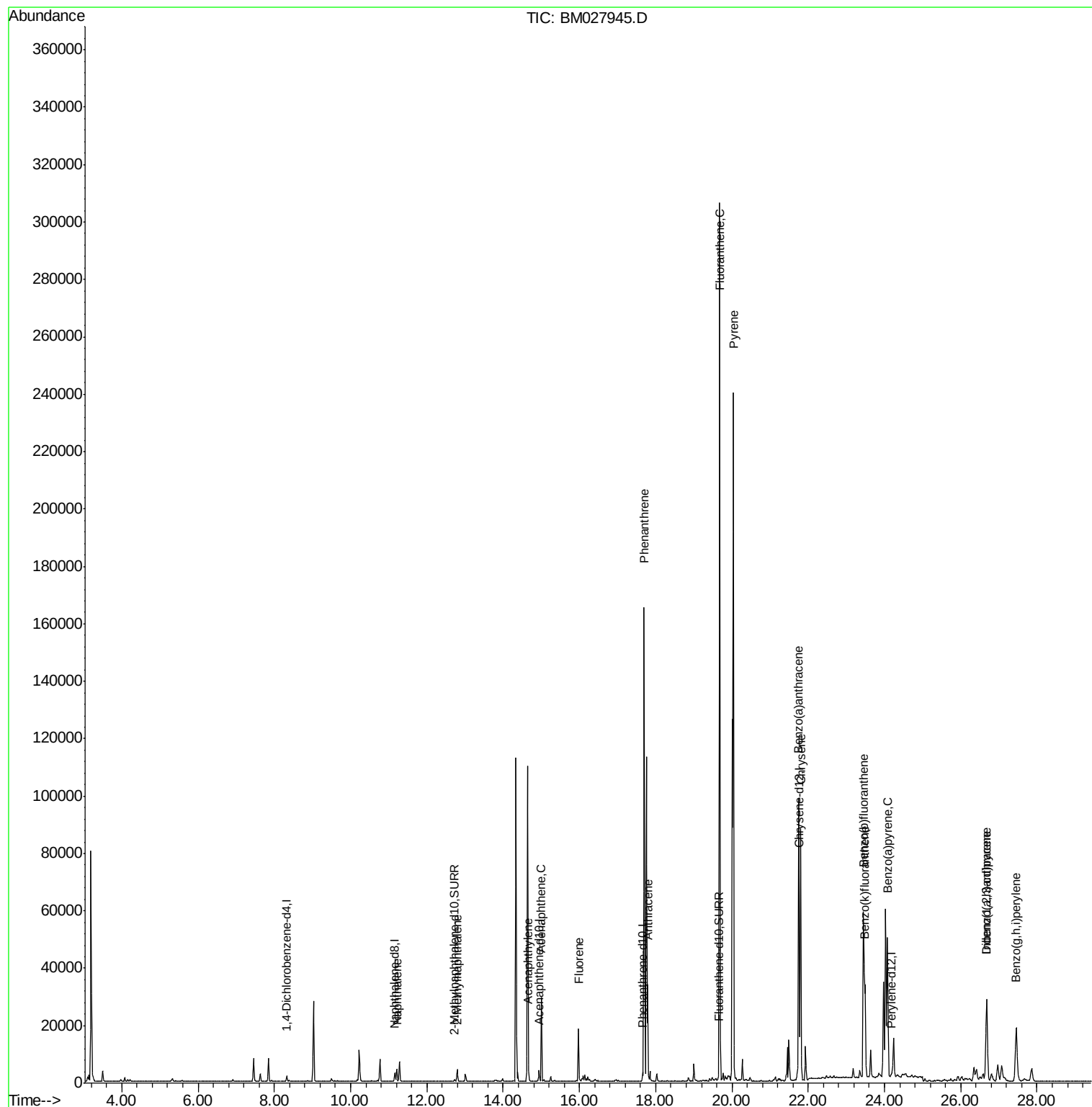
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027945.D
Acq On : 24 Nov 2020 16:31
Operator : JU/CG
Sample : L4749-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

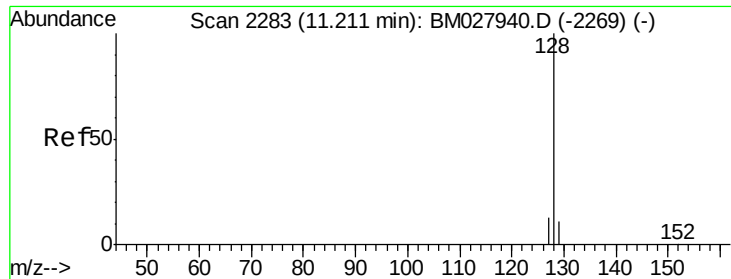
Instrument :
BNA_M
ClientSampleId :
C0B13

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:12 PM

Quant Time: Nov 24 17:26:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.485 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Instrument :

BNA_M

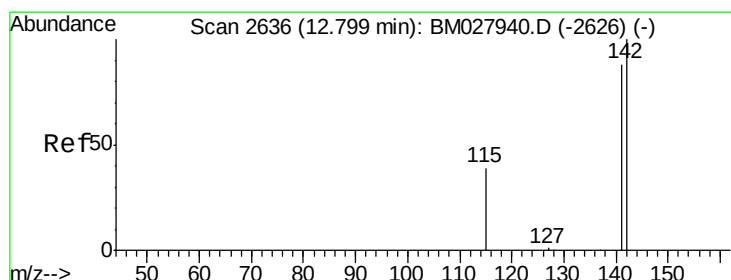
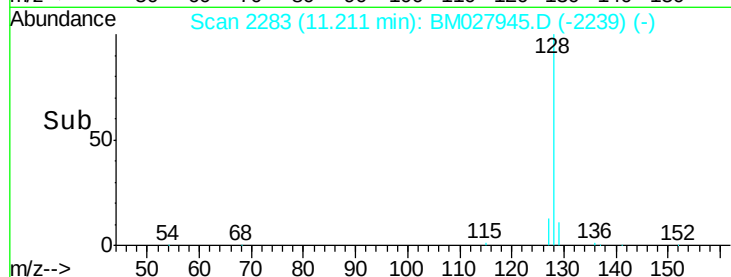
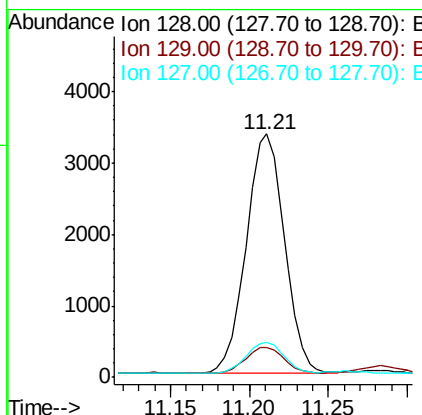
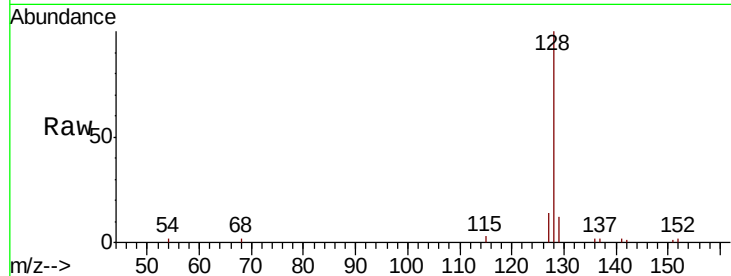
ClientSampleId :

C0B13

Tot Ion:	128	Resp:	5672
Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.4	15.6
127	14.5	12.0	18.0

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:12 PM



#5

2-Methylnaphthalene

Concen: 0.346 ng/ul

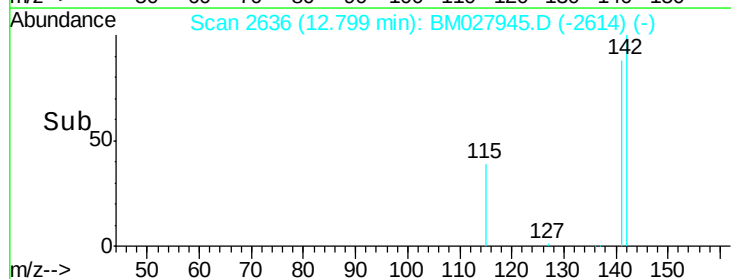
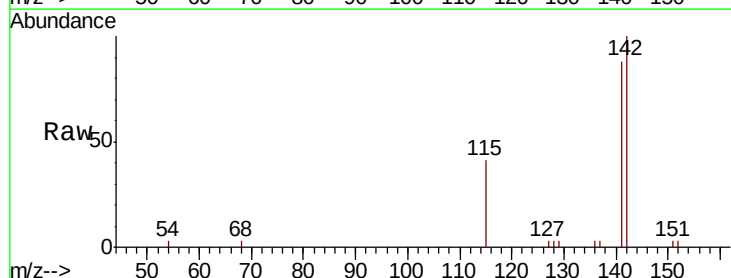
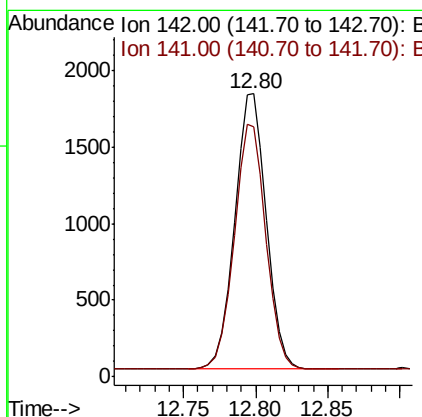
RT: 12.80 min Scan# 2636

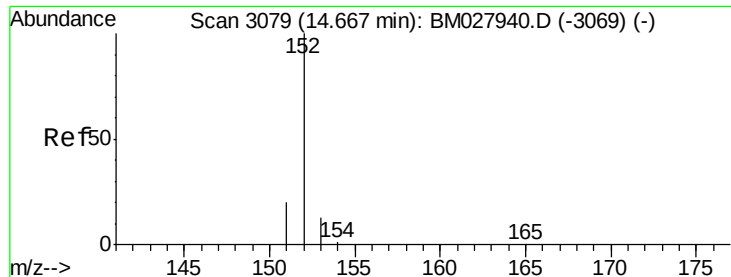
Delta R.T. 0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Tgt Ion:	142	Resp:	2757
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4





#7

Acenaphthylene

Concen: 0.256 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Instrument :

BNA_M

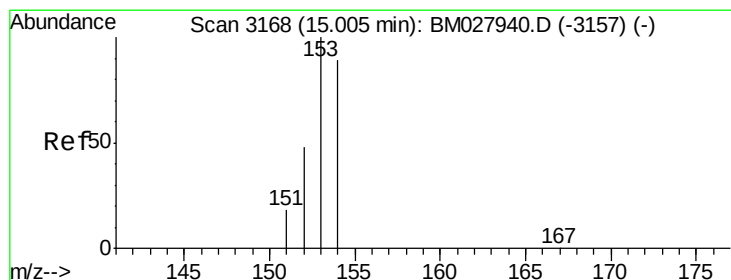
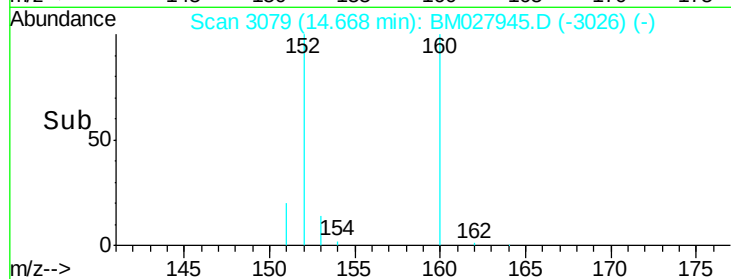
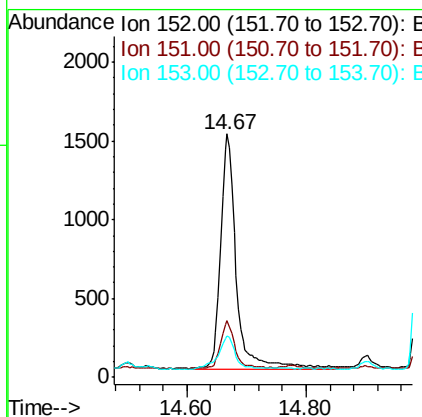
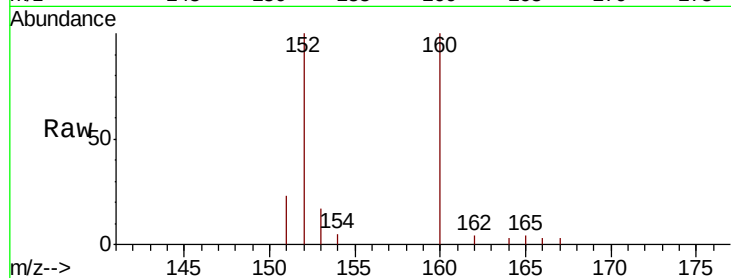
ClientSampleId :

C0B13

Tot Ion:	152	Resp:	2732
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.1	25.7
153	16.8	12.0	18.0

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:12 PM



#8

Acenaphthene

Concen: 2.057 ng/ul

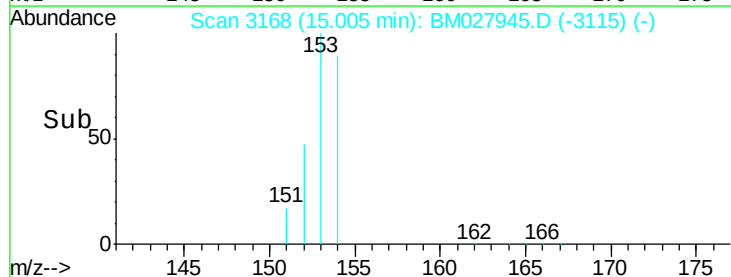
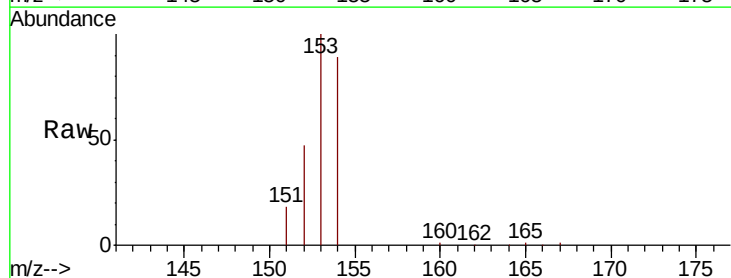
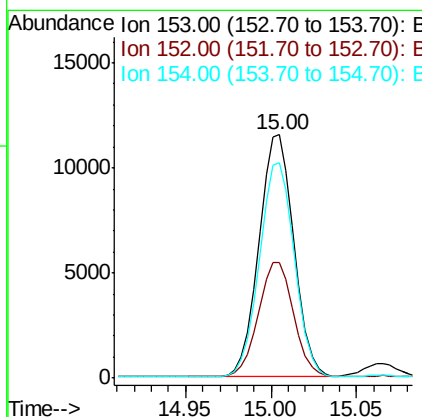
RT: 15.00 min Scan# 3168

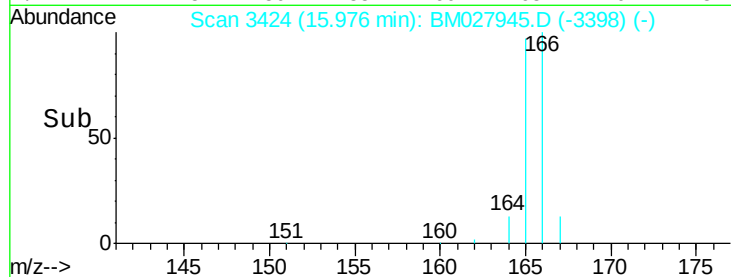
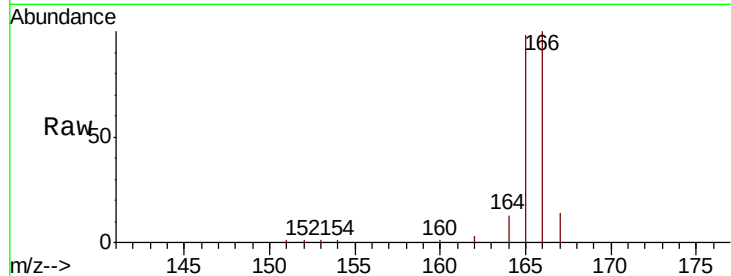
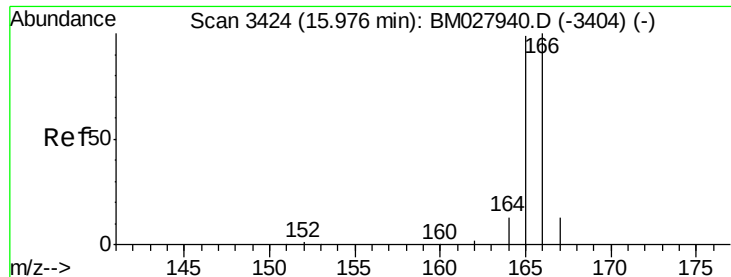
Delta R.T. 0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Tgt Ion:	153	Resp:	16481
Ion Ratio	Lower	Upper	
153	100		
152	47.4	39.0	58.6
154	88.7	71.6	107.4





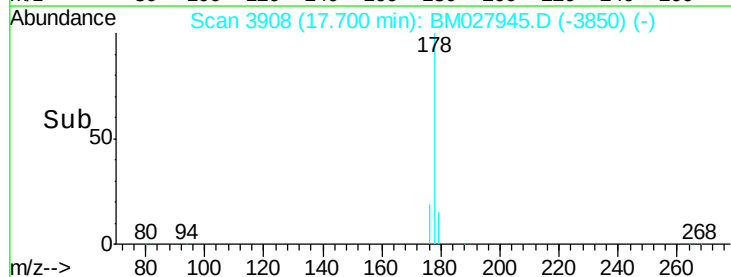
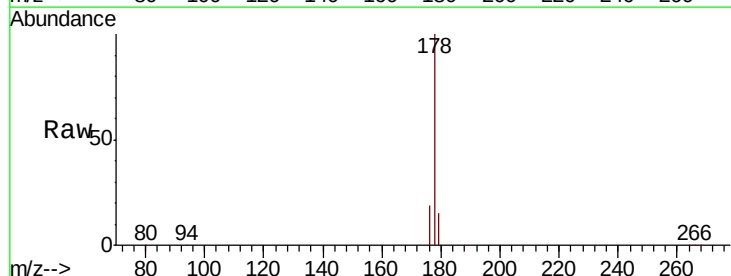
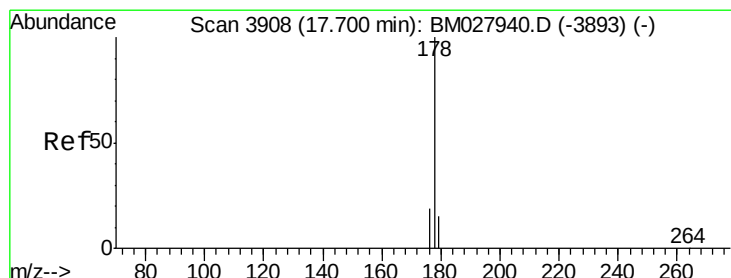
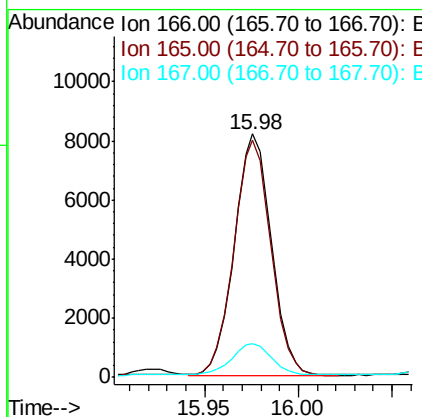
#9
Fluorene
 Concen: 1.205 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: BM027945.D
 Acq: 24 Nov 2020 16:31

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	14.0	11.8	17.8

Instrument :
 BNA_M
 ClientSampleId :
 C0B13

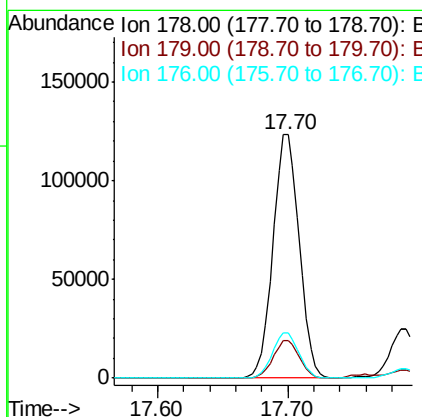
Manual Integrations
 APPROVED

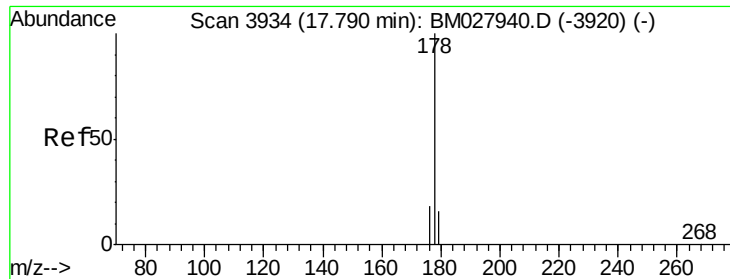
mohammad
 11/25/2020 12:46:12 PM



#12
Phenanthrene
 Concen: 14.482 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. 0.00 min
 Lab File: BM027945.D
 Acq: 24 Nov 2020 16:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.7	16.1	24.1





#13

Anthracene

Concen: 3.029 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Instrument :

BNA_M

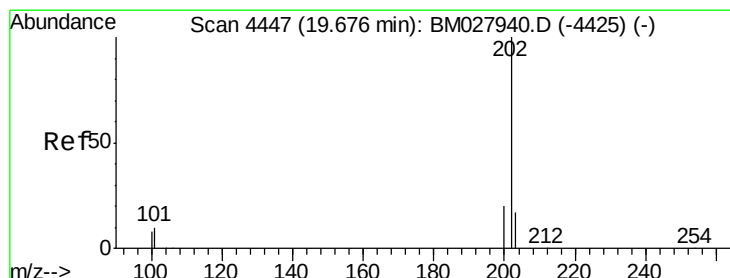
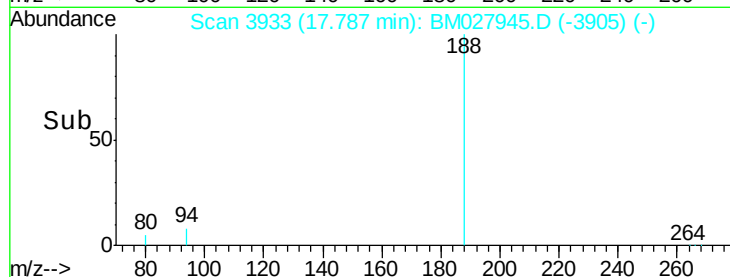
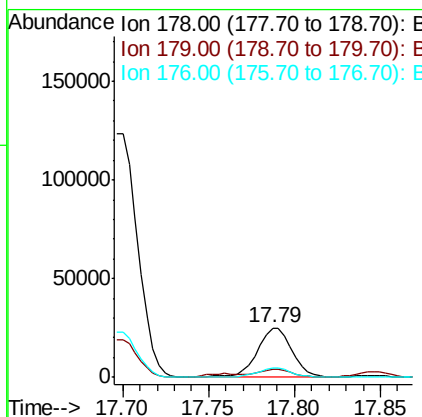
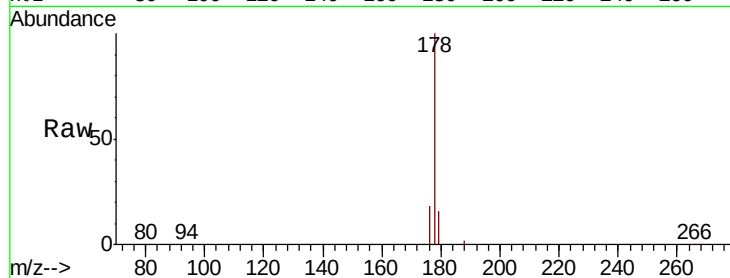
ClientSampleId :

C0B13

Tot Ion:	178	Resp:	34549
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.4	20.2
176	18.2	15.0	22.6

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:12 PM



#15

Fluoranthene

Concen: 19.375 ng/ul

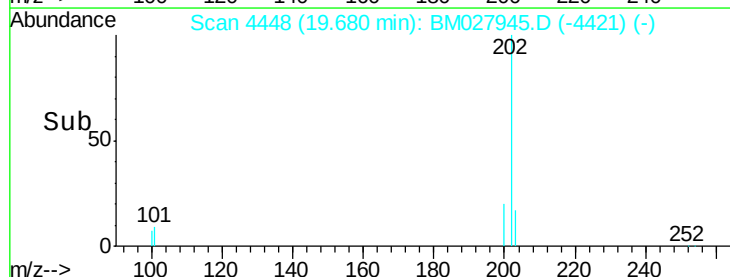
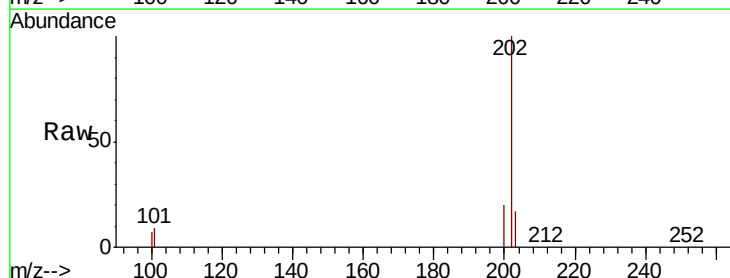
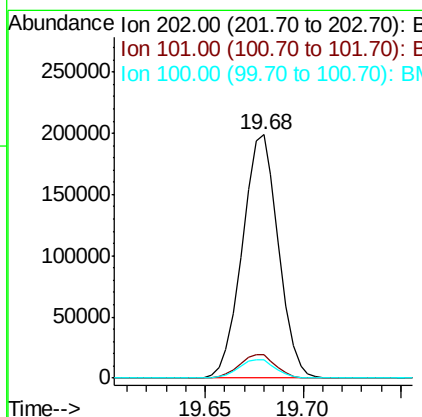
RT: 19.68 min Scan# 4448

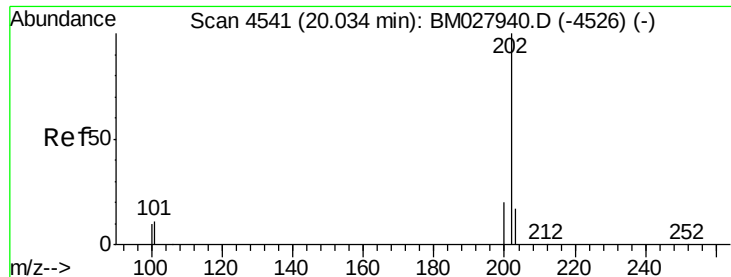
Delta R.T. 0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Tgt Ion:	202	Resp:	254006
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.3
100	7.3	0.0	27.4





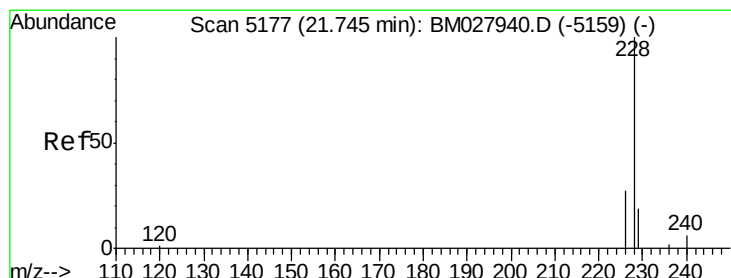
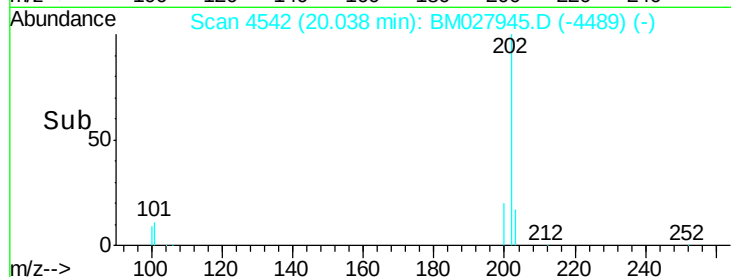
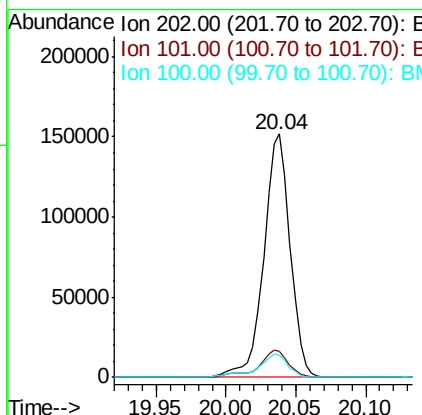
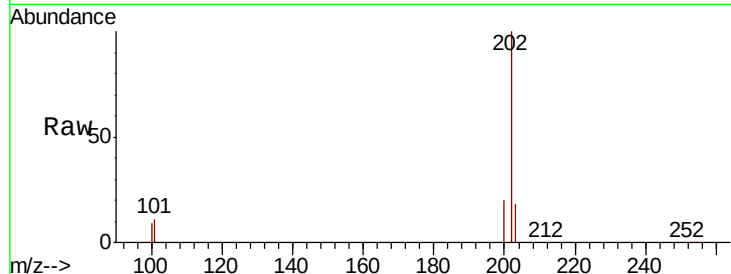
#17
Pvrene
Concen: 19.127 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027945.D
Acq: 24 Nov 2020 16:31

Instrument :
BNA_M
ClientSampleId :
C0B13

Tot Ion	Ratio	Resp	Lower	Upper
202	100	197873		
101	10.9		8.2	12.2
100	9.1		6.9	10.3

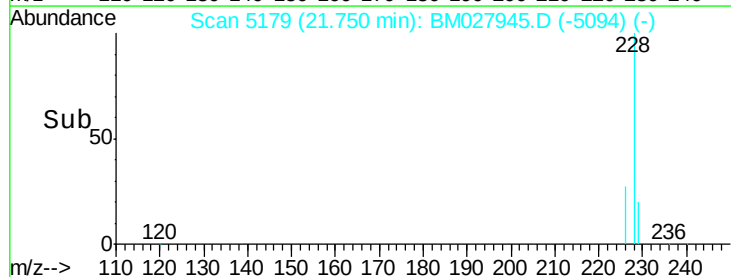
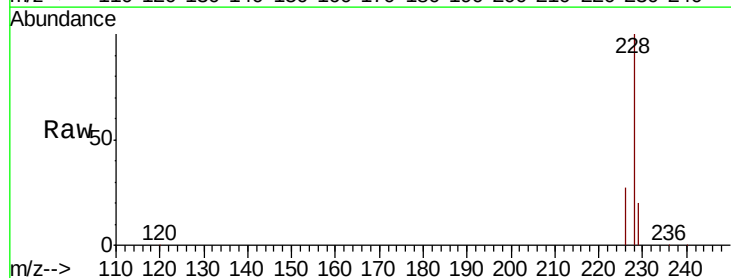
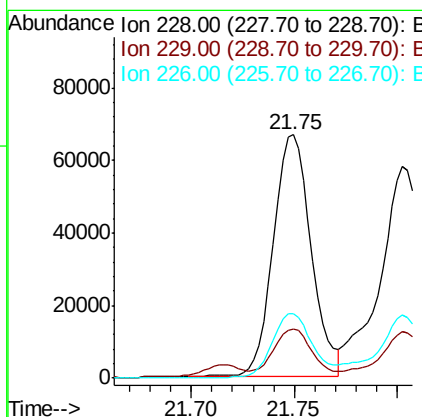
Manual Integrations
APPROVED

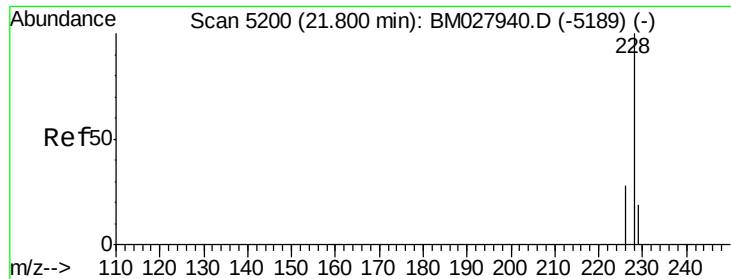
mohammad
11/25/2020 12:46:12 PM



#18
Benzo(a)anthracene
Concen: 10.447 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BM027945.D
Acq: 24 Nov 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	85859		
229	20.3		16.2	24.4
226	26.7		21.5	32.3





#19

Chrysene

Concen: 10.635 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. 0.00 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

Instrument :

BNA_M

ClientSampleId :

C0B13

Tot Ion:228 Resp: 85140

Ion Ratio Lower Upper

228 100

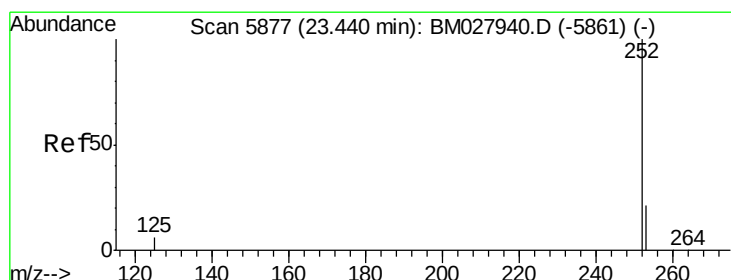
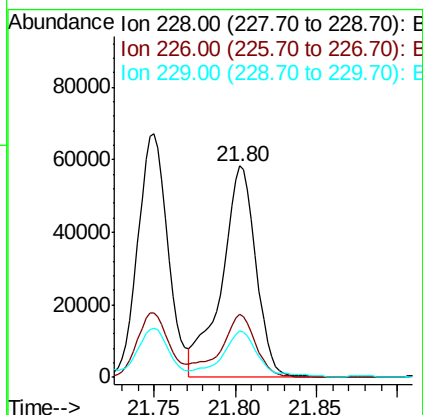
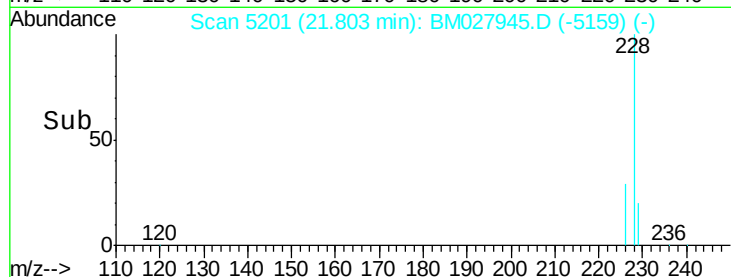
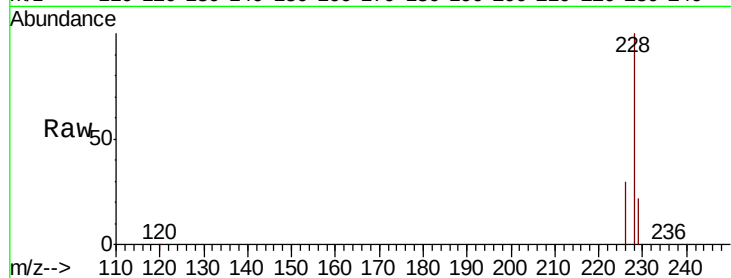
226 29.6 24.1 36.1

229 21.8 16.6 24.8

Manual Integrations
APPROVED

mohammad

11/25/2020 12:46:12 PM



#21

Benzo(b)fluoranthene

Concen: 12.174 ng/ul m

RT: 23.45 min Scan# 5881

Delta R.T. 0.01 min

Lab File: BM027945.D

Acq: 24 Nov 2020 16:31

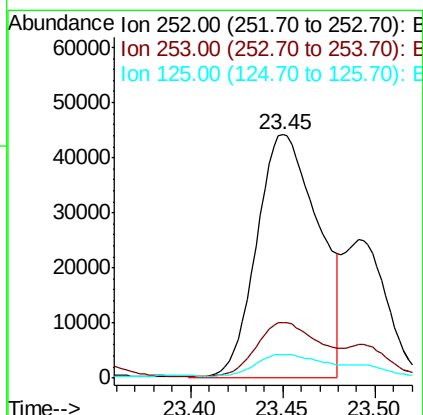
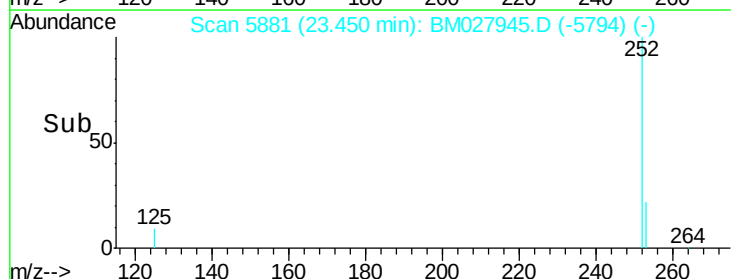
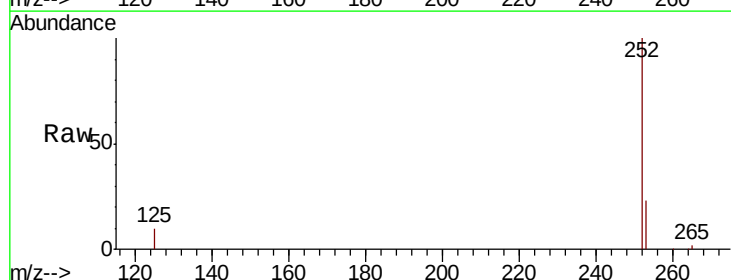
Tgt Ion:252 Resp: 102533

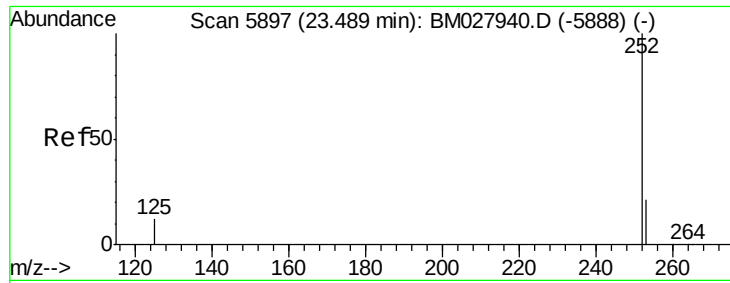
Ion Ratio Lower Upper

252 100

253 22.8 0.0 59.6

125 9.7 0.0 28.4





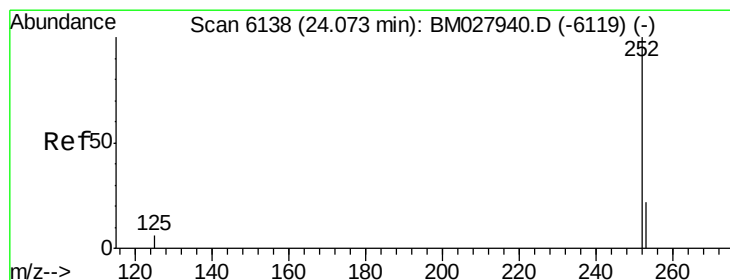
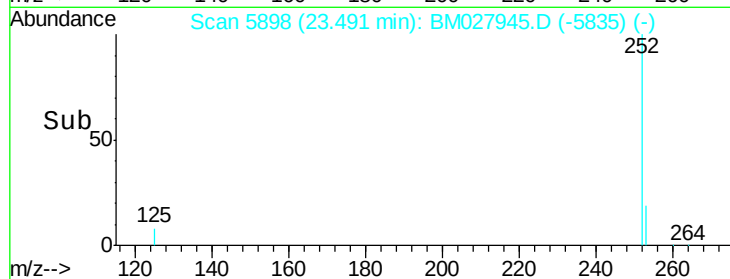
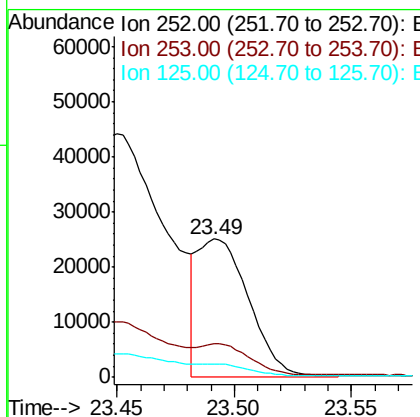
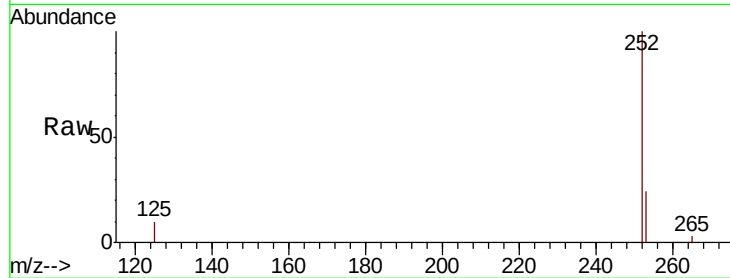
#22
Benzo(k)fluoranthene
Concen: 4.677 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. 0.00 min
Lab File: BM027945.D
Acq: 24 Nov 2020 16:31

Instrument :
BNA_M
ClientSampled :
C0B13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.2	34.8
125	9.7	11.8	17.6#

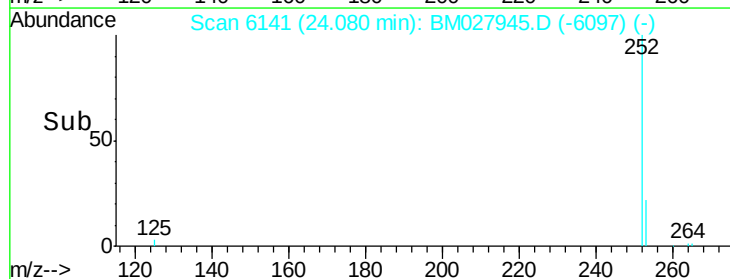
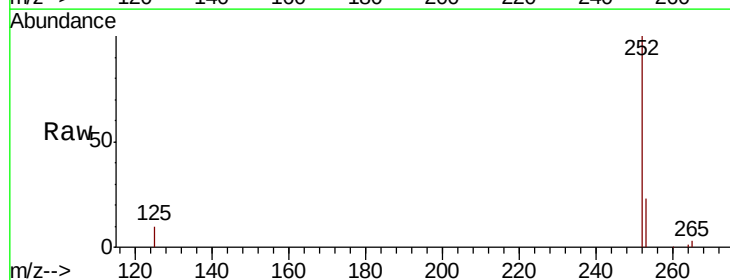
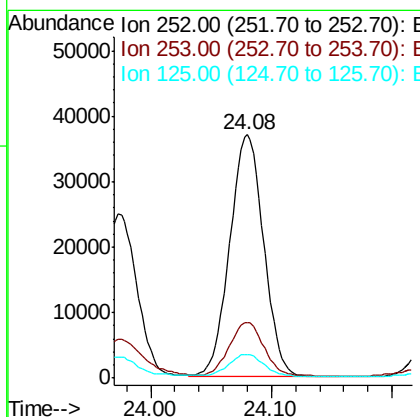
Manual Integrations
APPROVED

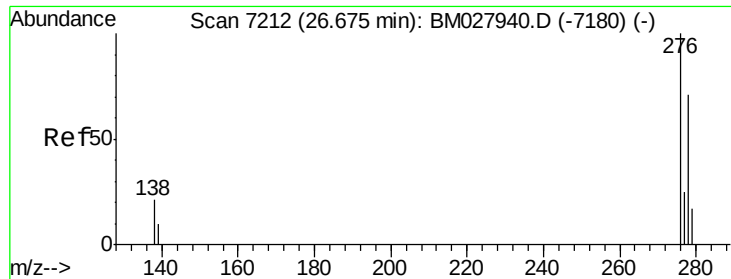
mohammad
11/25/2020 12:46:12 PM



#23
Benzo(a)pyrene
Concen: 9.759 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.01 min
Lab File: BM027945.D
Acq: 24 Nov 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	25.2	37.8#
125	9.8	13.8	20.6#





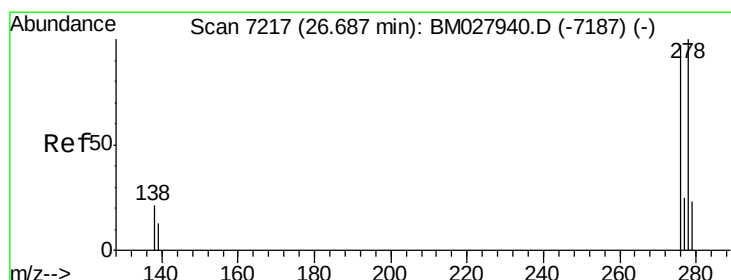
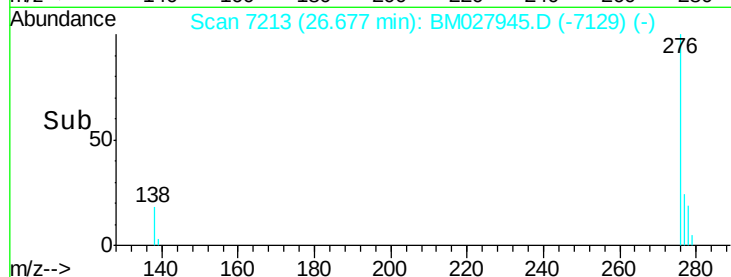
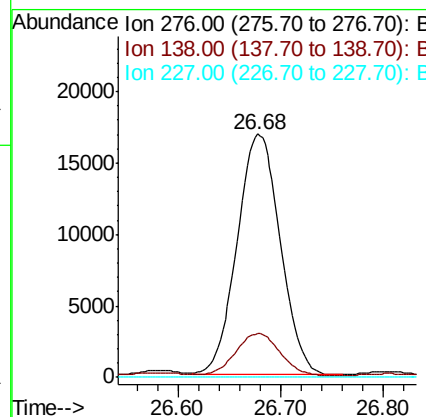
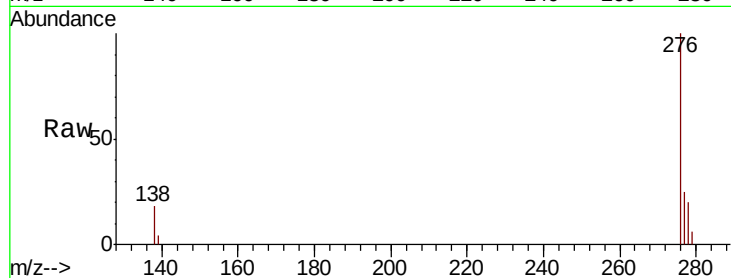
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.198 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. 0.00 min
Lab File: BM027945.D
Acq: 24 Nov 2020 16:31

Instrument :
BNA_M
ClientSampleId :
C0B13

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.7	23.5
227	0.0	0.0	0.0

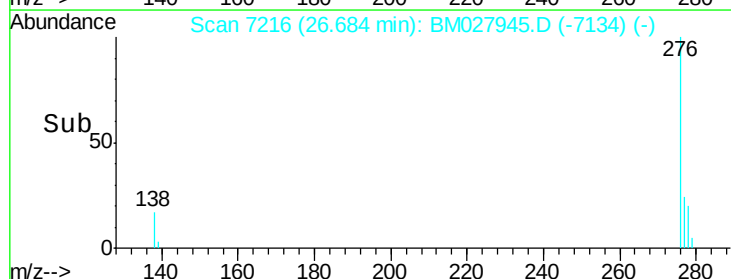
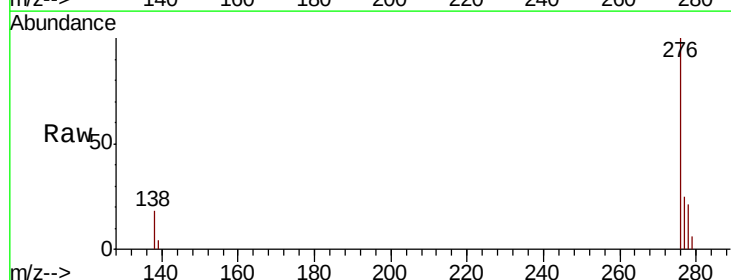
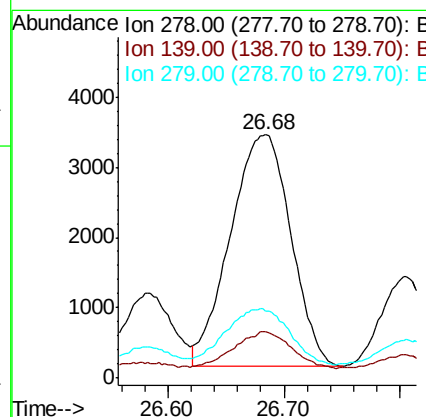
Manual Integrations
APPROVED

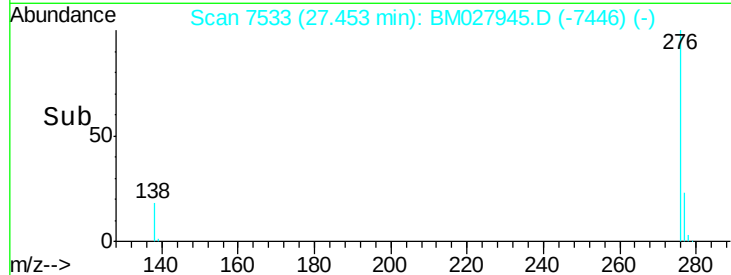
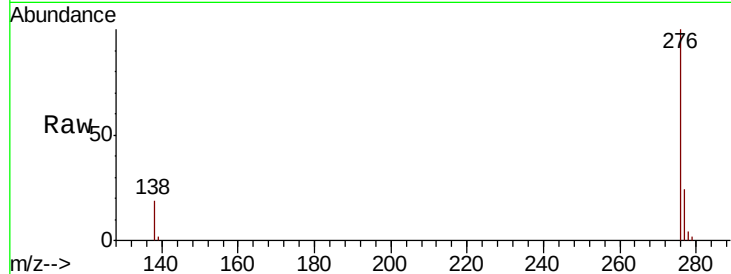
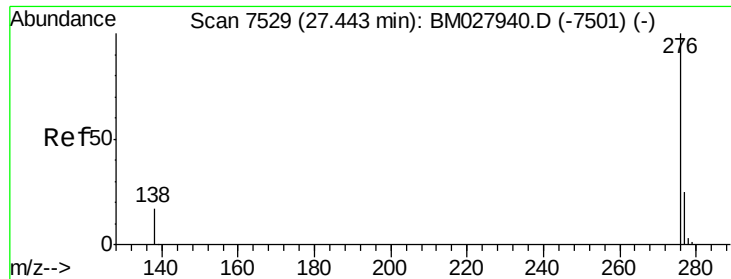
mohammad
11/25/2020 12:46:12 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.796 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027945.D
Acq: 24 Nov 2020 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.8	22.2
279	27.6	25.8	38.6





#26
 Benzo(a,h,i)perylene
 Concen: 6.448 ng/ul
 RT: 27.45 min Scan# 7533
 Delta R.T. 0.01 min
 Lab File: BM027945.D
 Acq: 24 Nov 2020 16:31

Instrument :
 BNA_M
 ClientSampleId :
 C0B13

Tot Ion:	276	Resp:	43130
Ion Ratio	Lower	Upper	
276	100		
138	18.6	17.4	26.2
277	24.3	22.5	33.7

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:46:12 PM

