

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027925.D
 Acq On : 23 Nov 2020 22:14
 Operator : JU/CG
 Sample : L4711-21DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07DL

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:45:12 PM

Quant Time: Nov 24 01:18:43 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 00:42:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1333	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4944	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2518	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4223	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2893	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2868	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1018	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1469	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	444	0.030	ng/ul#	69
5) 2-Methylnaphthalene	12.80	142	230	0.023	ng/ul	99
7) Acenaphthylene	14.67	152	624	0.051	ng/ul#	77
8) Acenaphthene	15.00	153	1209	0.131	ng/ul	97
9) Fluorene	15.98	166	1378	0.129	ng/ul#	98
12) Phenanthrene	17.70	178	41058	3.078	ng/ul	97
13) Anthracene	17.79	178	6871	0.534	ng/ul	99
15) Fluoranthene	19.68	202	124627	8.426	ng/ul	99
17) Pyrene	20.03	202	100204	6.820	ng/ul	97
18) Benzo(a)anthracene	21.74	228	57629	4.937	ng/ul	100
19) Chrysene	21.80	228	73922	6.502	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	93330m	7.743	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	31260m	2.648	ng/ul	
23) Benzo(a)pyrene	24.07	252	56377	5.350	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.68	276	41228	3.613	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	10628	1.119	ng/ul	95
26) Benzo(a,h,i)perylene	27.45	276	39451	4.121	ng/ul	93

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

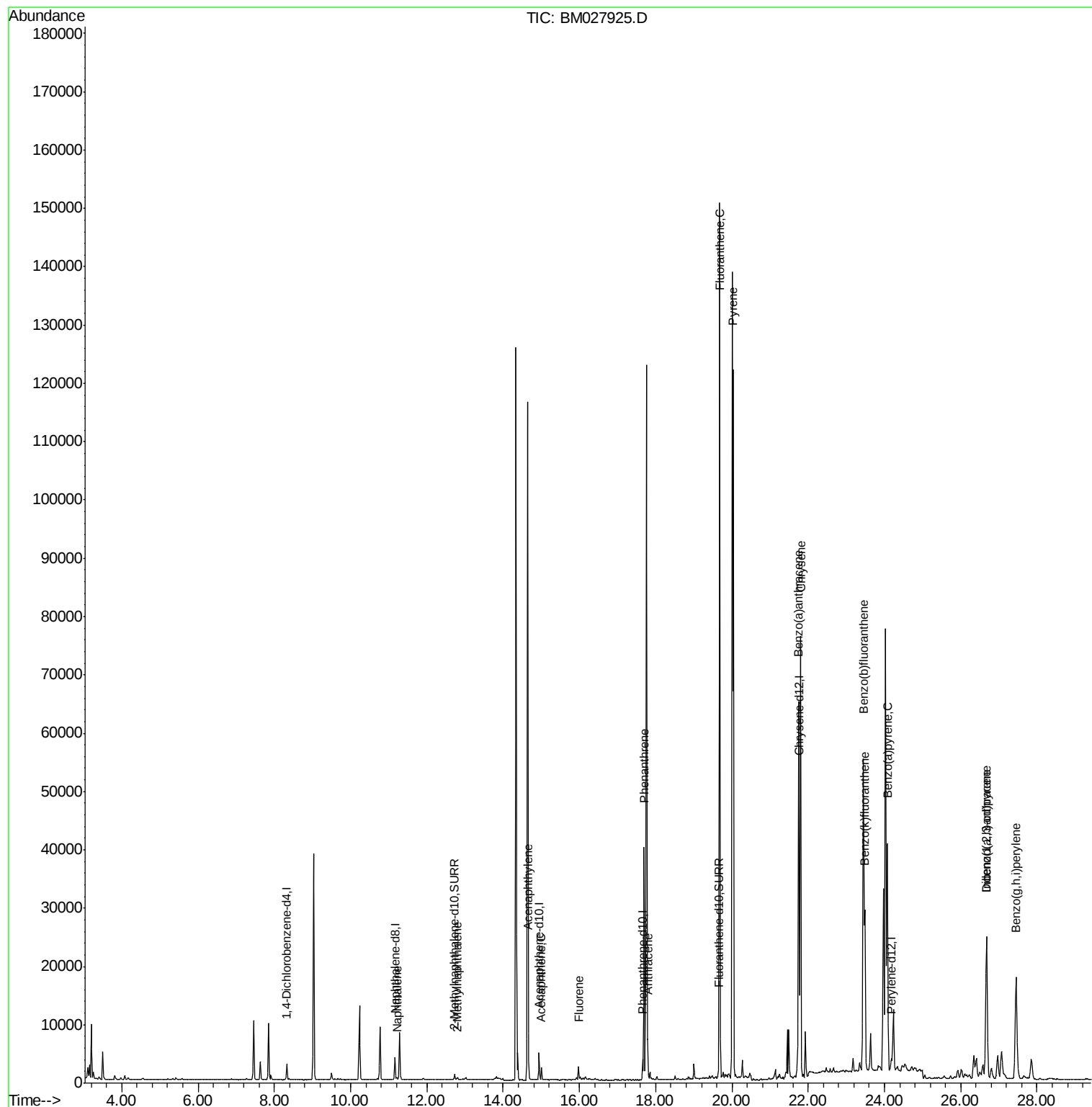
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027925.D
Acq On : 23 Nov 2020 22:14
Operator : JU/CG
Sample : L4711-21DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

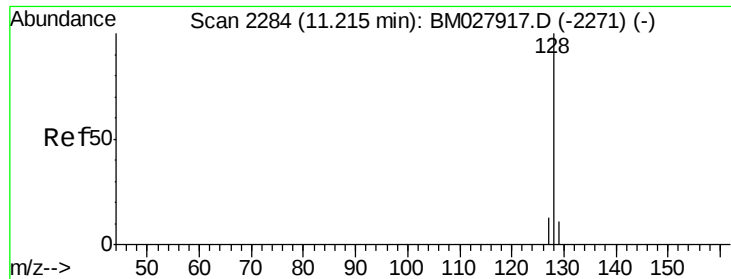
Instrument :
BNA_M
ClientSampleId :
C0B07DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:12 PM

Quant Time: Nov 24 01:18:43 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 00:42:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.030 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Instrument :

BNA_M

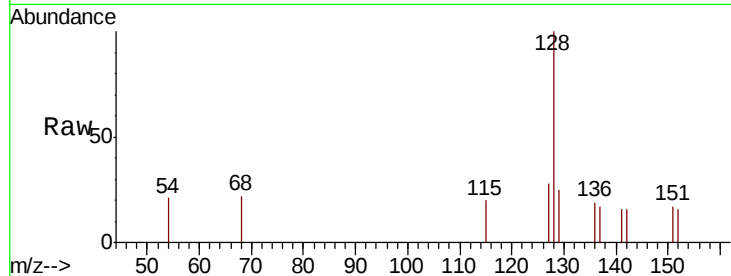
ClientSampleId :

C0B07DL

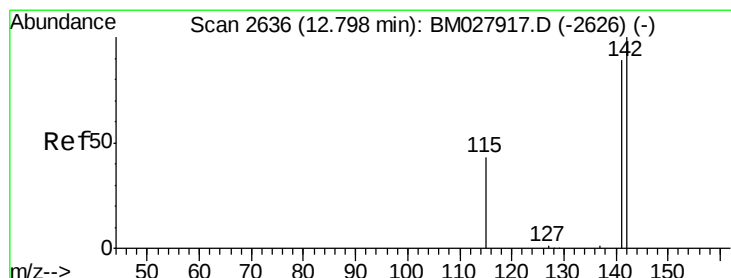
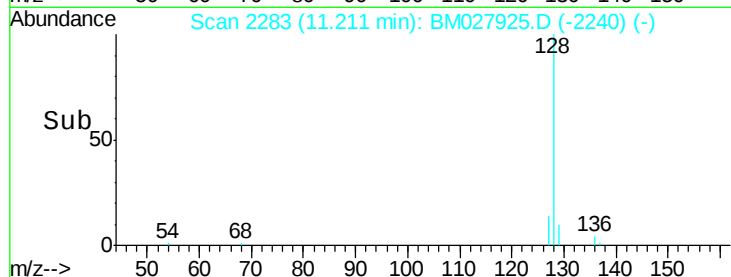
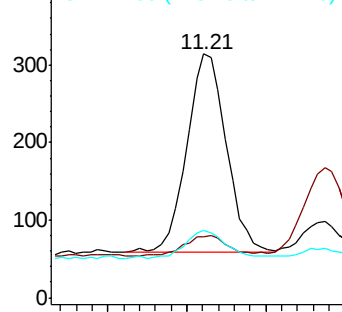
Tot Ion:	128	Resp:	444
Ion	Ratio	Lower	Upper
128	100		
129	25.2	10.4	15.6#
127	27.7	12.0	18.0#

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:12 PM



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: 0.023 ng/ul

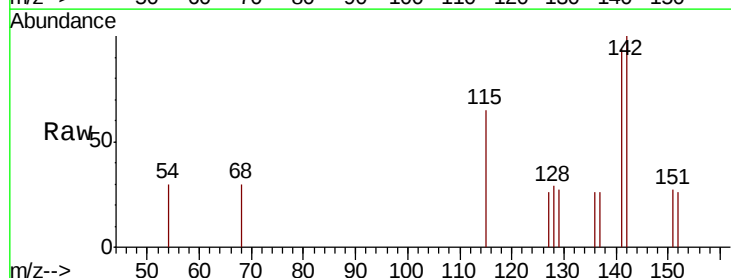
RT: 12.80 min Scan# 2636

Delta R.T. 0.00 min

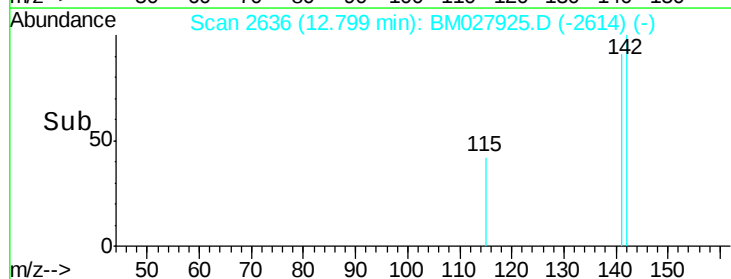
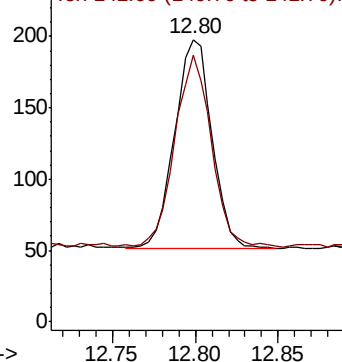
Lab File: BM027925.D

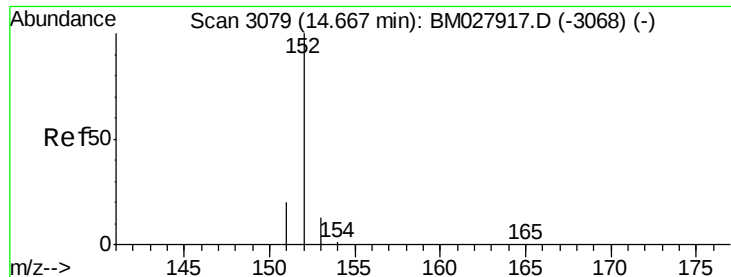
Acq: 23 Nov 2020 22:14

Tgt Ion:	142	Resp:	230
Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Instrument :

BNA_M

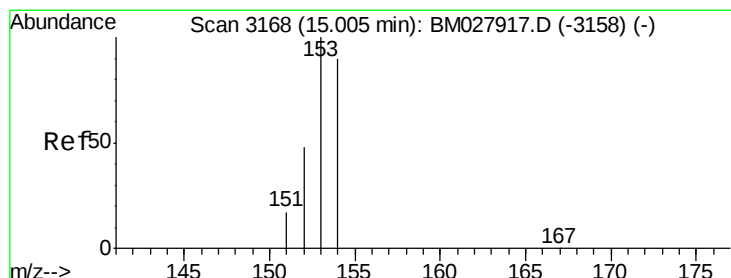
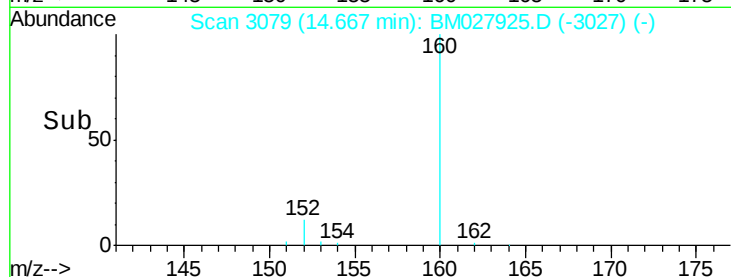
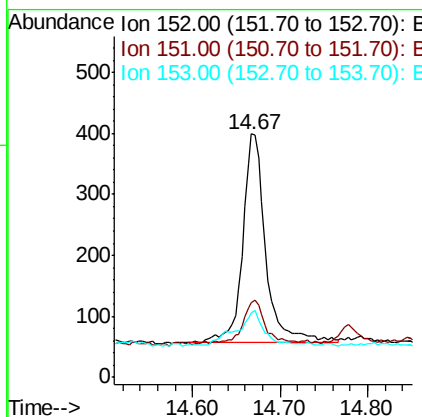
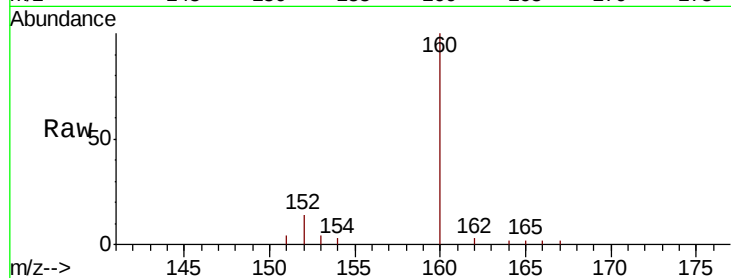
ClientSampleID :

C0B07DL

Tot Ion:	152	Resp:	624
Ion Ratio	Lower	Upper	
152	100		
151	30.8	17.1	25.7#
153	26.6	12.0	18.0#

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:12 PM



#8

Acenaphthene

Concen: 0.131 ng/ul

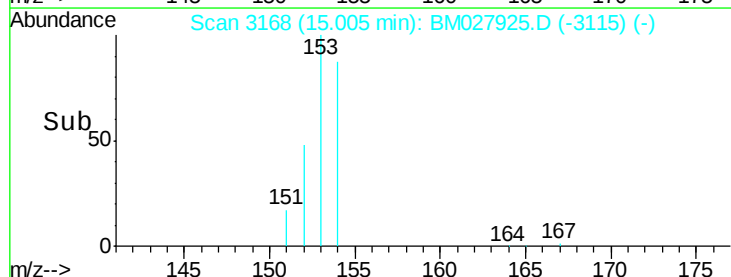
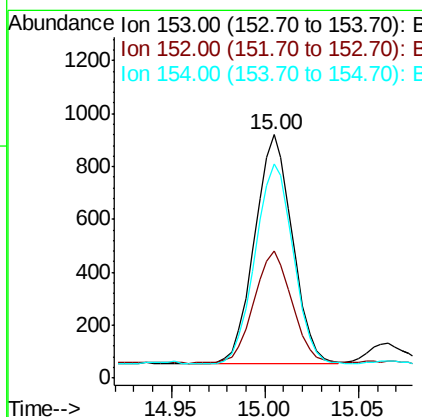
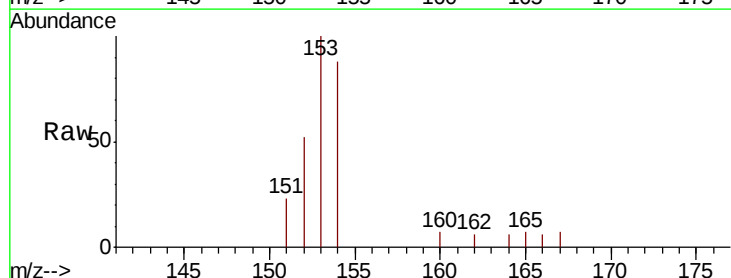
RT: 15.00 min Scan# 3168

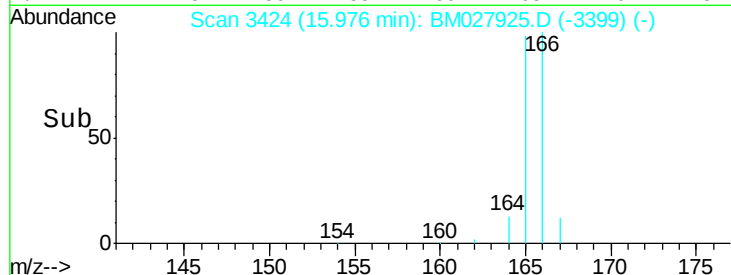
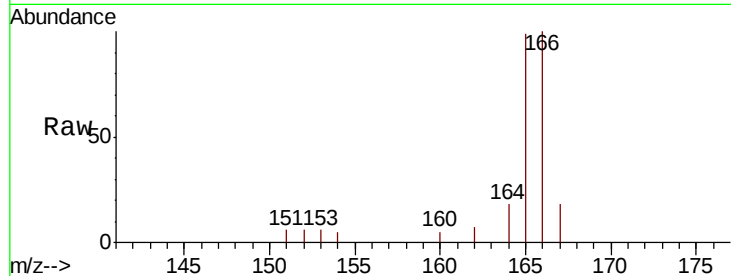
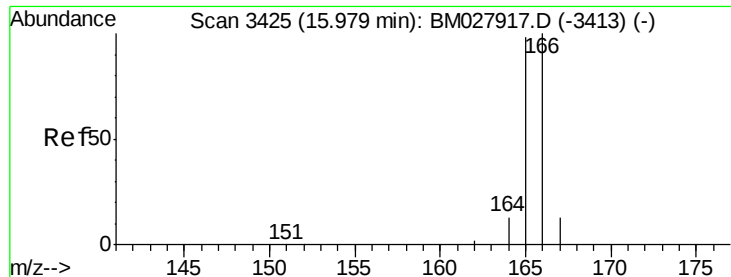
Delta R.T. 0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Tgt Ion:	153	Resp:	1209
Ion Ratio	Lower	Upper	
153	100		
152	52.2	39.0	58.6
154	87.8	71.6	107.4





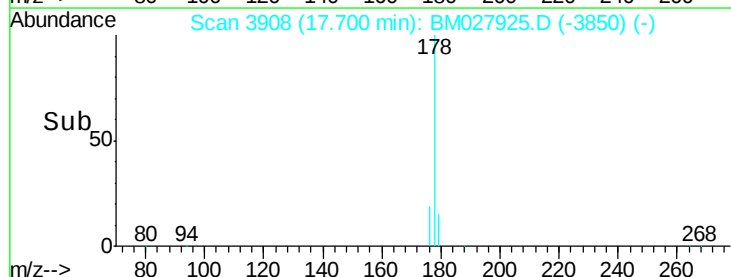
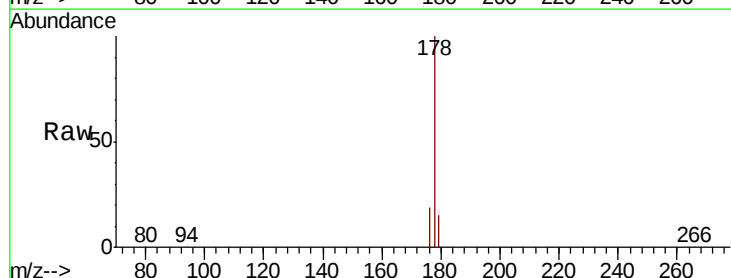
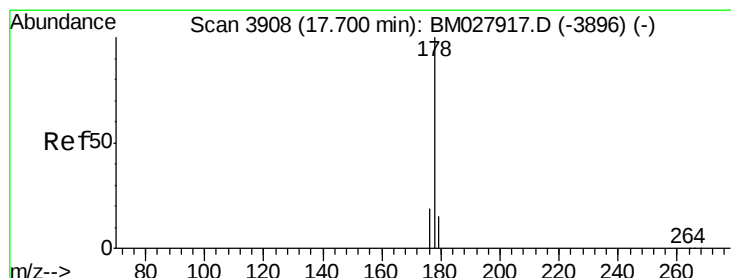
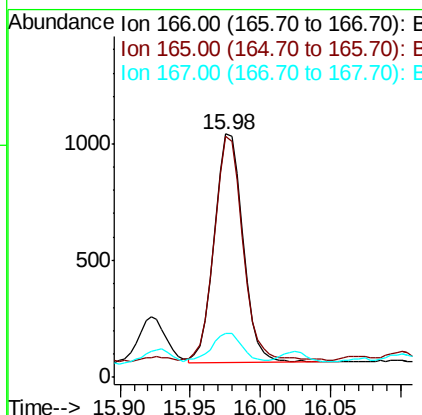
#9
Fluorene
 Concen: 0.129 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BM027925.D
 Acq: 23 Nov 2020 22:14

Instrument :
 BNA_M
 ClientSampleID :
 C0B07DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.1	117.1
167	17.9	11.8	17.8#

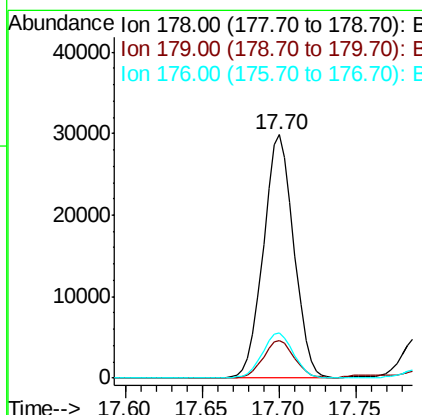
Manual Integrations
 APPROVED

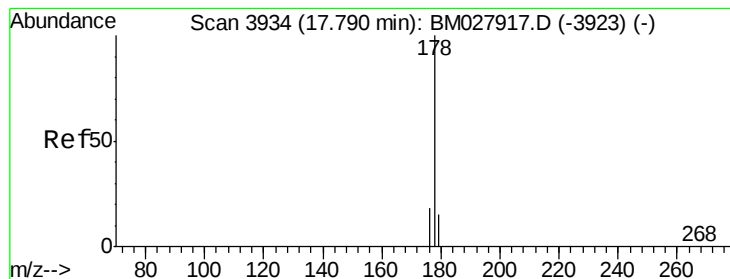
mohammad
 11/25/2020 12:45:12 PM



#12
Phenanthrene
 Concen: 3.078 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. 0.00 min
 Lab File: BM027925.D
 Acq: 23 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.8	16.1	24.1





#13

Anthracene

Concen: 0.534 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Instrument :

BNA_M

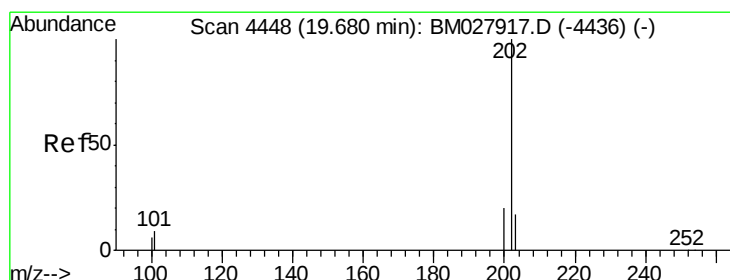
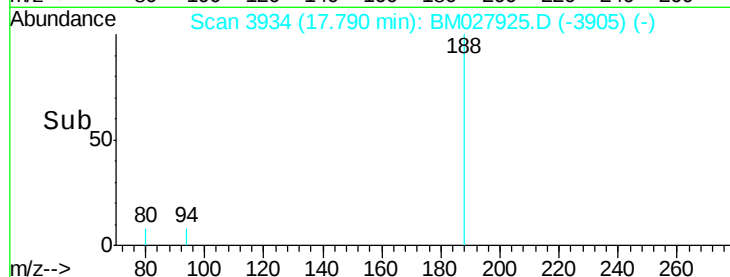
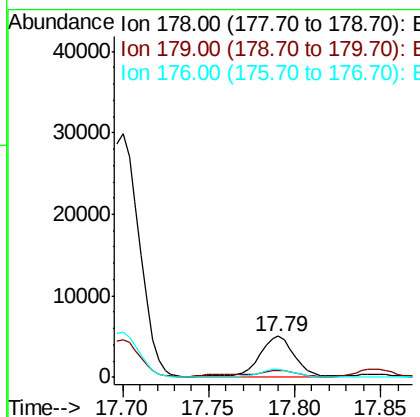
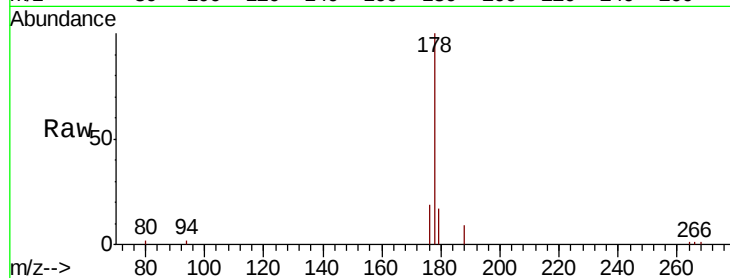
ClientSampleId :

C0B07DL

Tot Ion:	178	Resp:	6871
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.4	20.2
176	19.3	15.0	22.6

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:12 PM



#15

Fluoranthene

Concen: 8.426 ng/ul

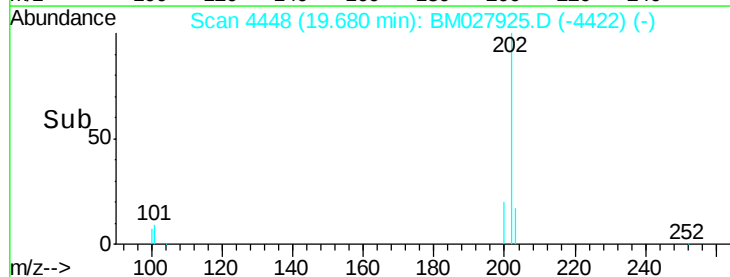
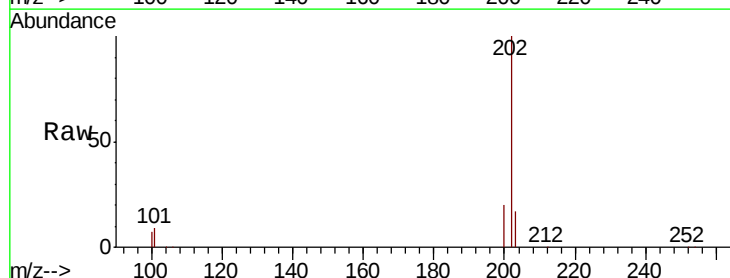
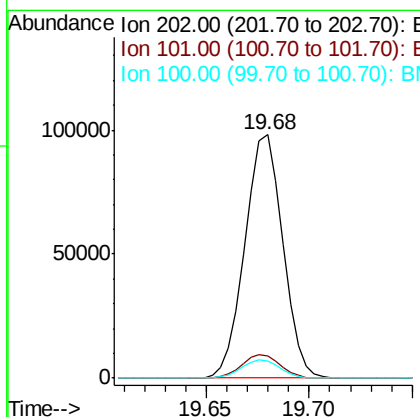
RT: 19.68 min Scan# 4448

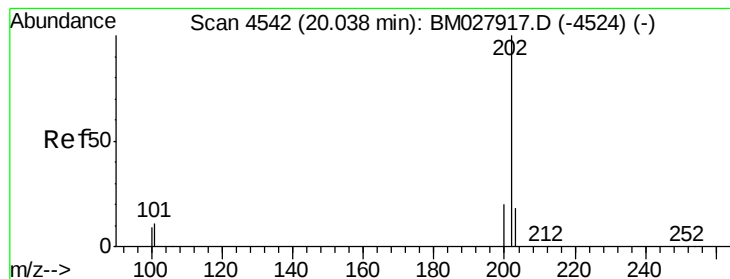
Delta R.T. 0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Tgt Ion:	202	Resp:	124627
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.3
100	7.1	0.0	27.4





#17

Pvrene

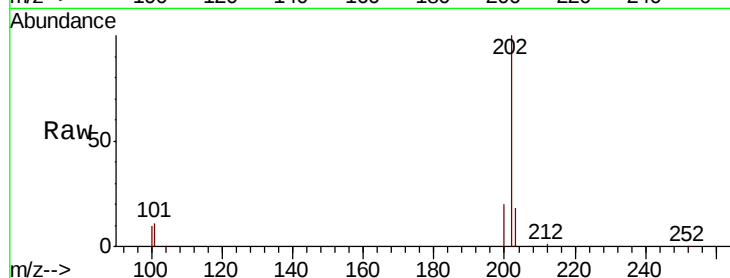
Concen: 6.820 ng/ul
 RT: 20.03 min Scan# 4541
 Delta R.T. -0.00 min
 Lab File: BM027925.D
 Acq: 23 Nov 2020 22:14

Instrument :
 BNA_M
 ClientSampleId :
 C0B07DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	8.2	12.2
100	9.6	6.9	10.3

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:45:12 PM

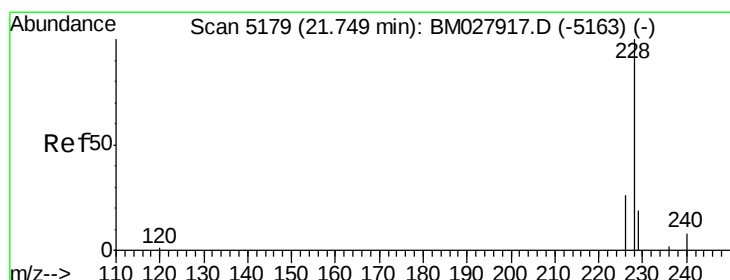
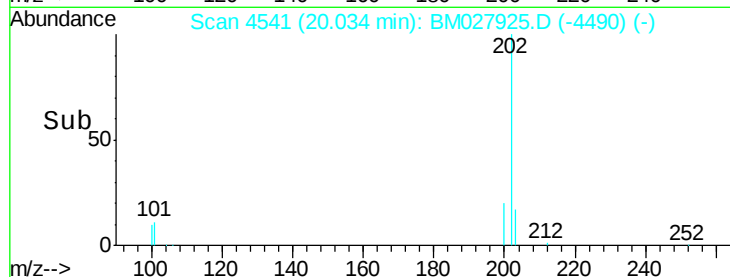
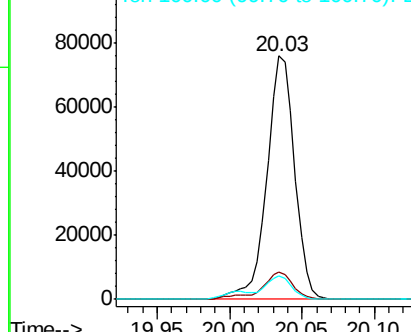


Abundance

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): E



#18

Benzo(a)anthracene

Concen: 4.937 ng/ul
 RT: 21.74 min Scan# 5177
 Delta R.T. -0.00 min
 Lab File: BM027925.D
 Acq: 23 Nov 2020 22:14

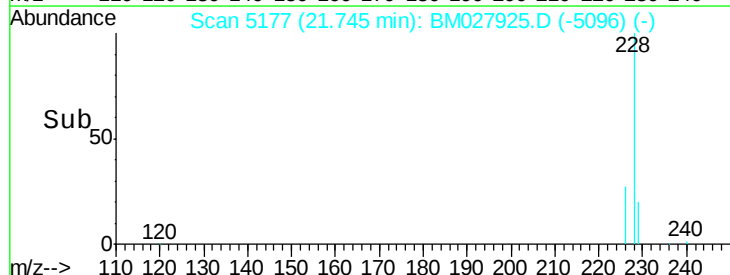
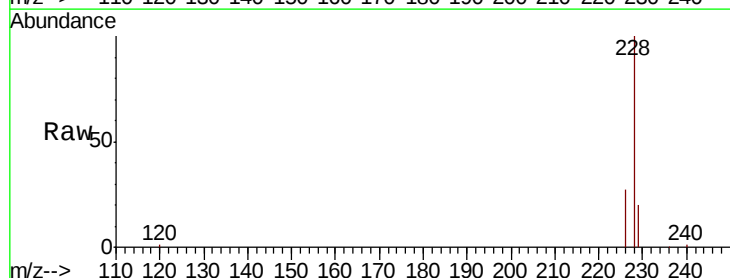
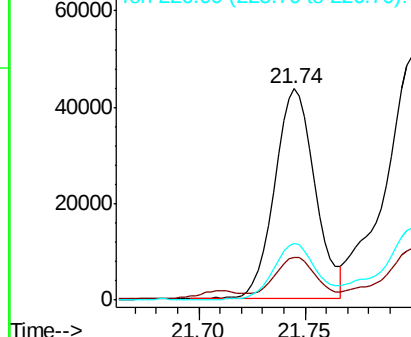
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	16.2	24.4
226	27.1	21.5	32.3

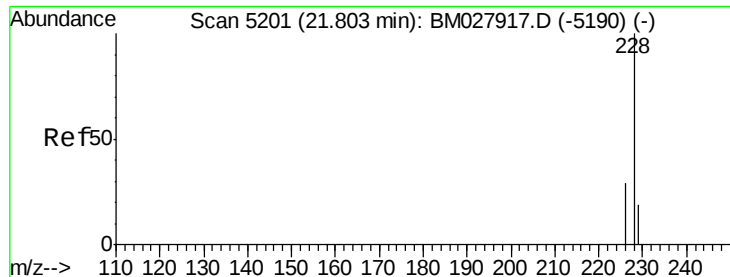
Abundance

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: 6.502 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Instrument :

BNA_M

ClientSampleId :

C0B07DL

Tot Ion:228 Resp: 73922

Ion Ratio Lower Upper

228 100

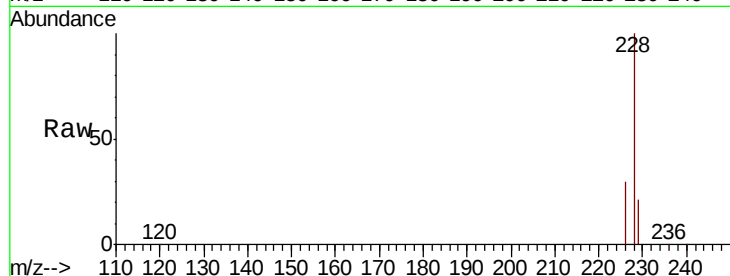
226 29.6 24.1 36.1

229 21.1 16.6 24.8

Manual Integrations
APPROVED

mohammad

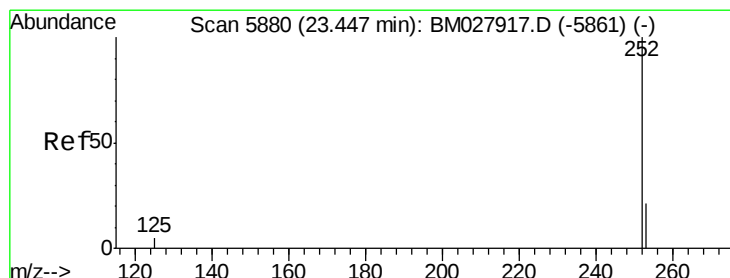
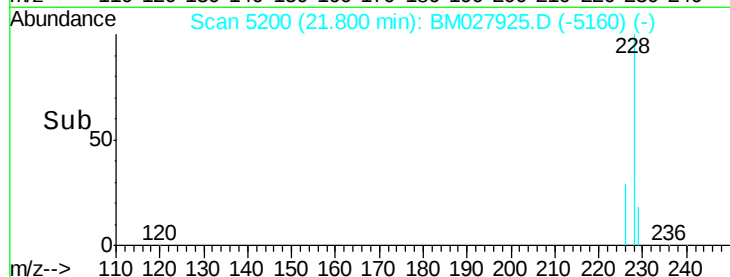
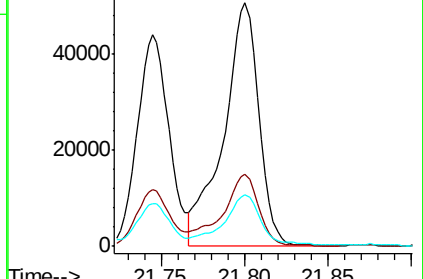
11/25/2020 12:45:12 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 7.743 ng/ul m

RT: 23.45 min Scan# 5879

Delta R.T. -0.00 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

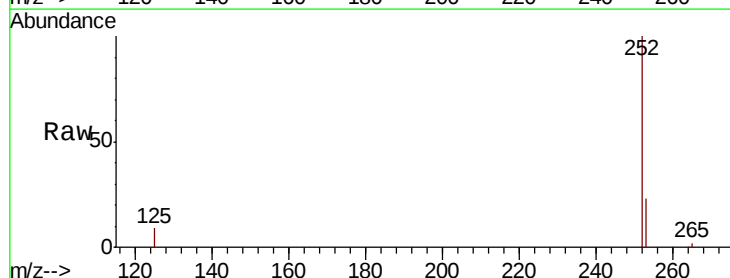
Tgt Ion:252 Resp: 93330

Ion Ratio Lower Upper

252 100

253 23.0 0.0 59.6

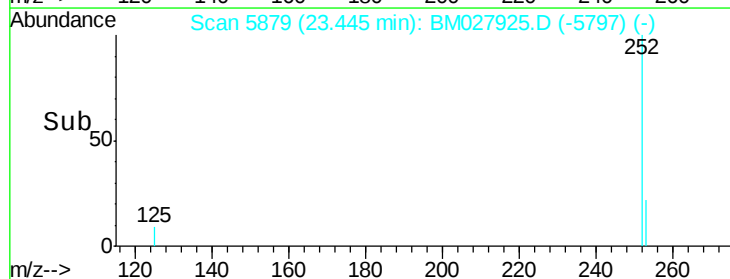
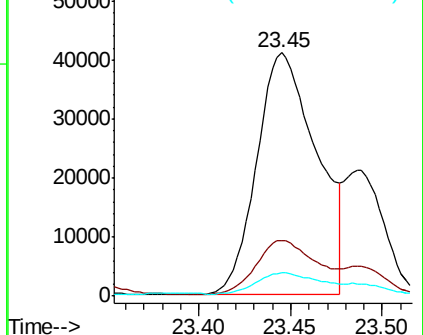
125 9.5 0.0 28.4

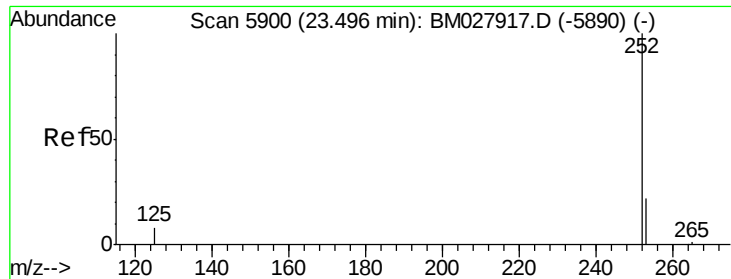


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





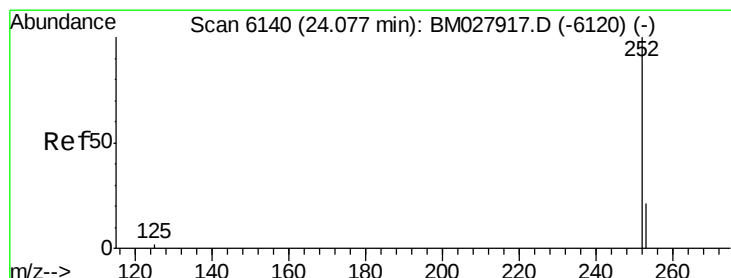
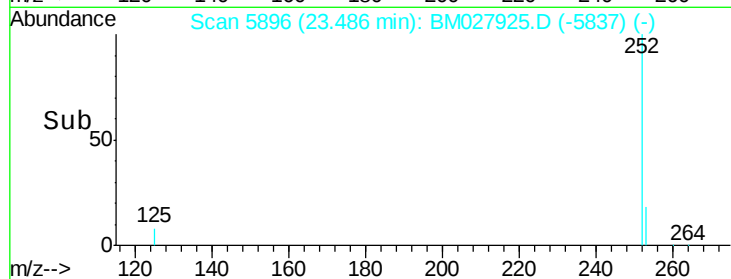
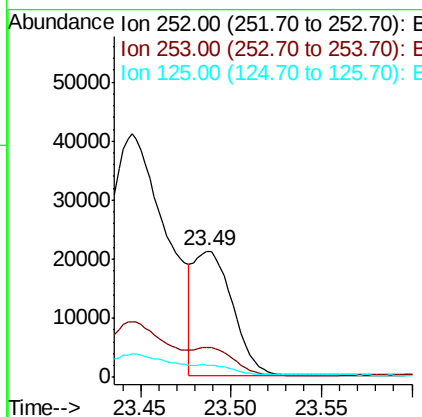
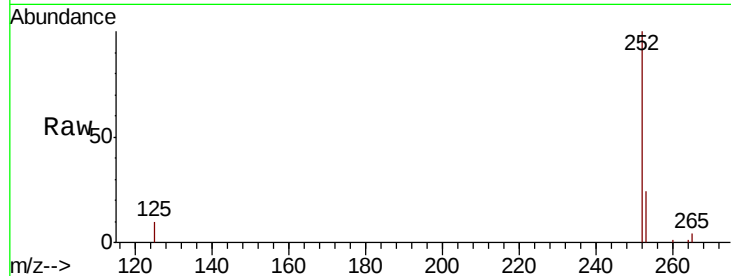
#22
Benzo(k)fluoranthene
Concen: 2.648 ng/ul m
RT: 23.49 min Scan# 5896
Delta R.T. -0.01 min
Lab File: BM027925.D
Acq: 23 Nov 2020 22:14

Instrument :
BNA_M
ClientSampleId :
C0B07DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	23.2	34.8
125	9.8	11.8	17.6

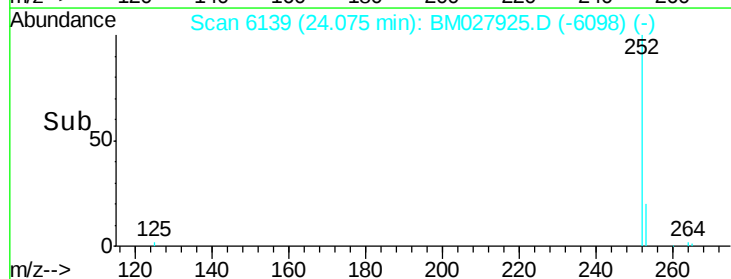
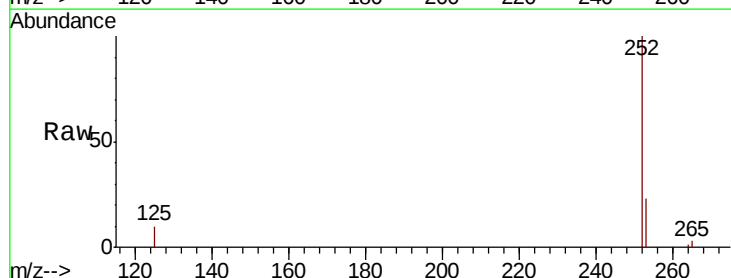
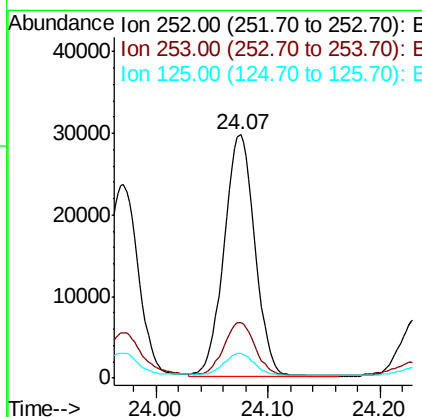
Manual Integrations
APPROVED

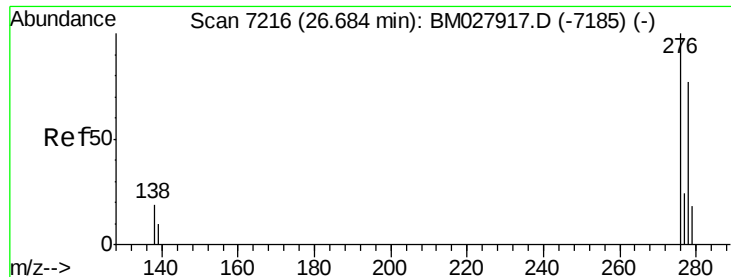
mohammad
11/25/2020 12:45:12 PM



#23
Benzo(a)pyrene
Concen: 5.350 ng/ul
RT: 24.07 min Scan# 6139
Delta R.T. 0.00 min
Lab File: BM027925.D
Acq: 23 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	25.2	37.8
125	10.0	13.8	20.6





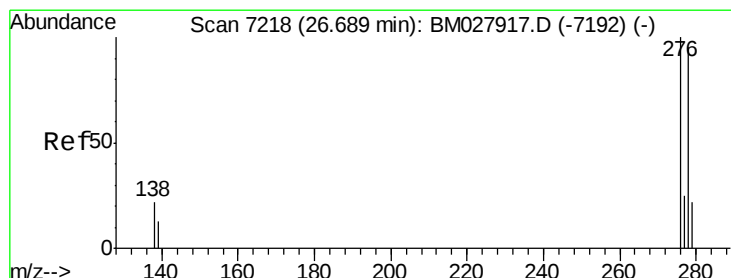
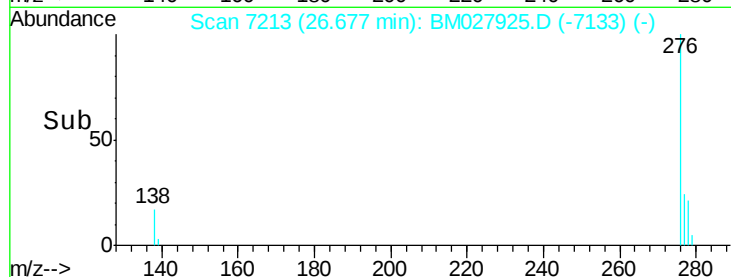
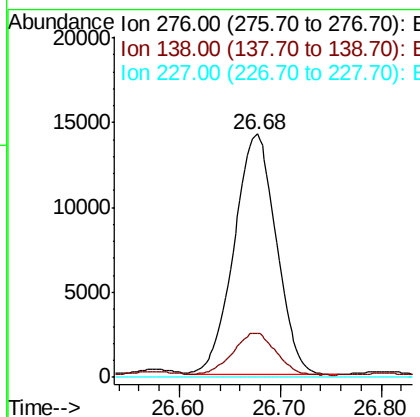
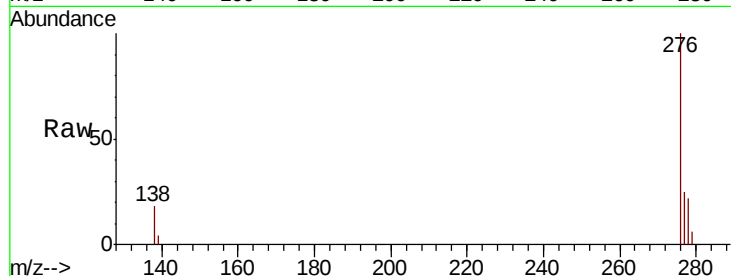
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.613 ng/ul
 RT: 26.68 min Scan# 7213
 Delta R.T. -0.01 min
 Lab File: BM027925.D
 Acq: 23 Nov 2020 22:14

Instrument :
 BNA_M
 ClientSampleId :
 C0B07DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.7	23.5
227	0.0	0.0	0.0

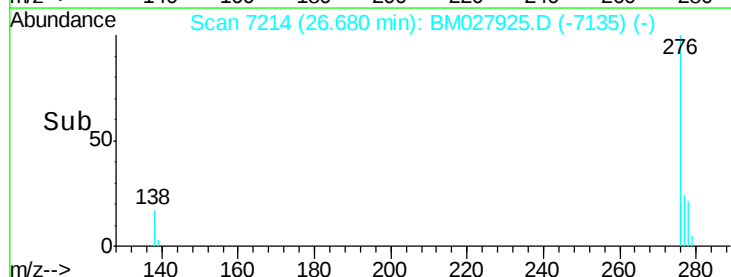
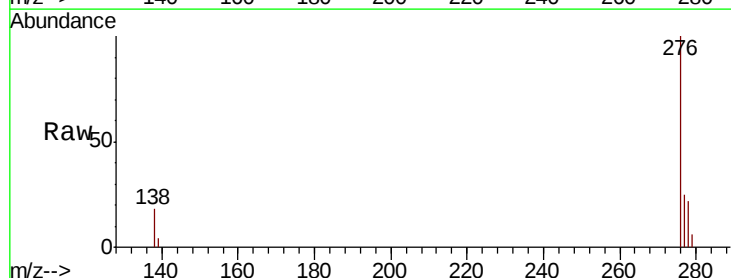
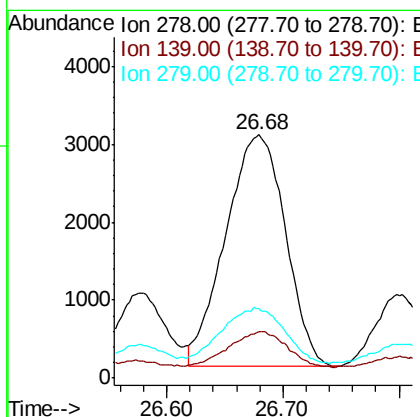
Manual Integrations
 APPROVED

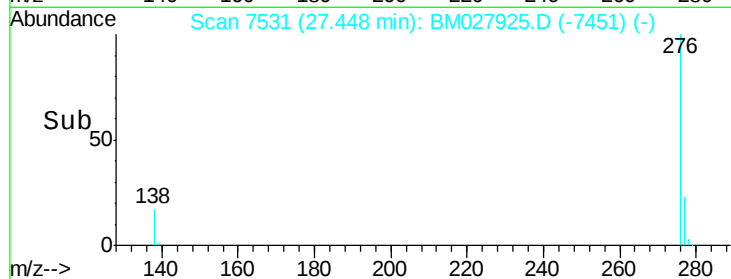
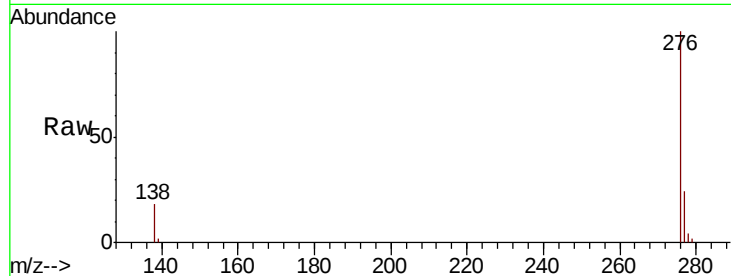
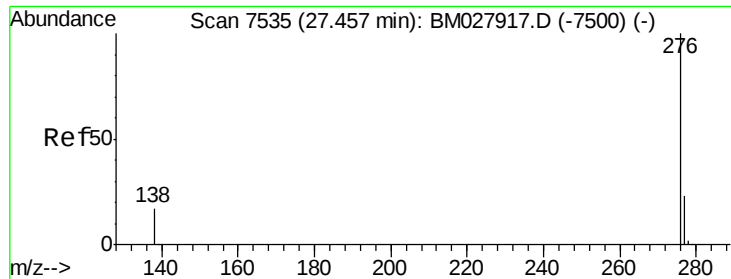
mohammad
 11/25/2020 12:45:12 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.119 ng/ul
 RT: 26.68 min Scan# 7214
 Delta R.T. -0.01 min
 Lab File: BM027925.D
 Acq: 23 Nov 2020 22:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.8	22.2
279	28.6	25.8	38.6





#26

Benzo(a,h,i)perylene

Concen: 4.121 ng/ul

RT: 27.45 min Scan# 7531

Delta R.T. -0.01 min

Lab File: BM027925.D

Acq: 23 Nov 2020 22:14

Tot Ion:	276	Resp:	39451
Ion Ratio	Lower	Upper	
276	100		
138	18.3	17.4	26.2
277	24.4	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

C0B07DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:12 PM

