

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
 Data File : BM027821.D
 Acq On : 17 Nov 2020 17:14
 Operator : JU/CG
 Sample : L4762-04DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9DL

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:33:17 AM

Quant Time: Nov 18 00:40:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1367	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5384	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3025	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	4827	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	2628	0.40	ng/ul	0.00
20) Perylene-d12	24.24	264	2612	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	397	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	496	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.26	128	9876	0.574	ng/ul	96
5) 2-Methylnaphthalene	12.85	142	4585	0.383	ng/ul	100
7) Acenaphthylene	14.71	152	1952	0.131	ng/ul#	90
8) Acenaphthene	15.05	153	16165	1.417	ng/ul	98
9) Fluorene	16.02	166	10892	0.794	ng/ul	98
12) Phenanthrene	17.74	178	122462	7.794	ng/ul	97
13) Anthracene	17.83	178	17635	1.153	ng/ul	99
15) Fluoranthene	19.72	202	118001	6.560	ng/ul	99
17) Pyrene	20.07	202	89808	7.706	ng/ul#	95
18) Benzo(a)anthracene	21.78	228	35161	3.348	ng/ul	97
19) Chrysene	21.84	228	38127	3.564	ng/ul	97
21) Benzo(b)fluoranthene	23.50	252	44522m	3.725	ng/ul	
22) Benzo(k)fluoranthene	23.54	252	17023m	1.451	ng/ul	
23) Benzo(a)pyrene	24.13	252	29662	2.822	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.76	276	21767	1.818	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.77	278	5257	0.526	ng/ul#	59
26) Benzo(a,h,i)perylene	27.54	276	20154	1.989	ng/ul#	96

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

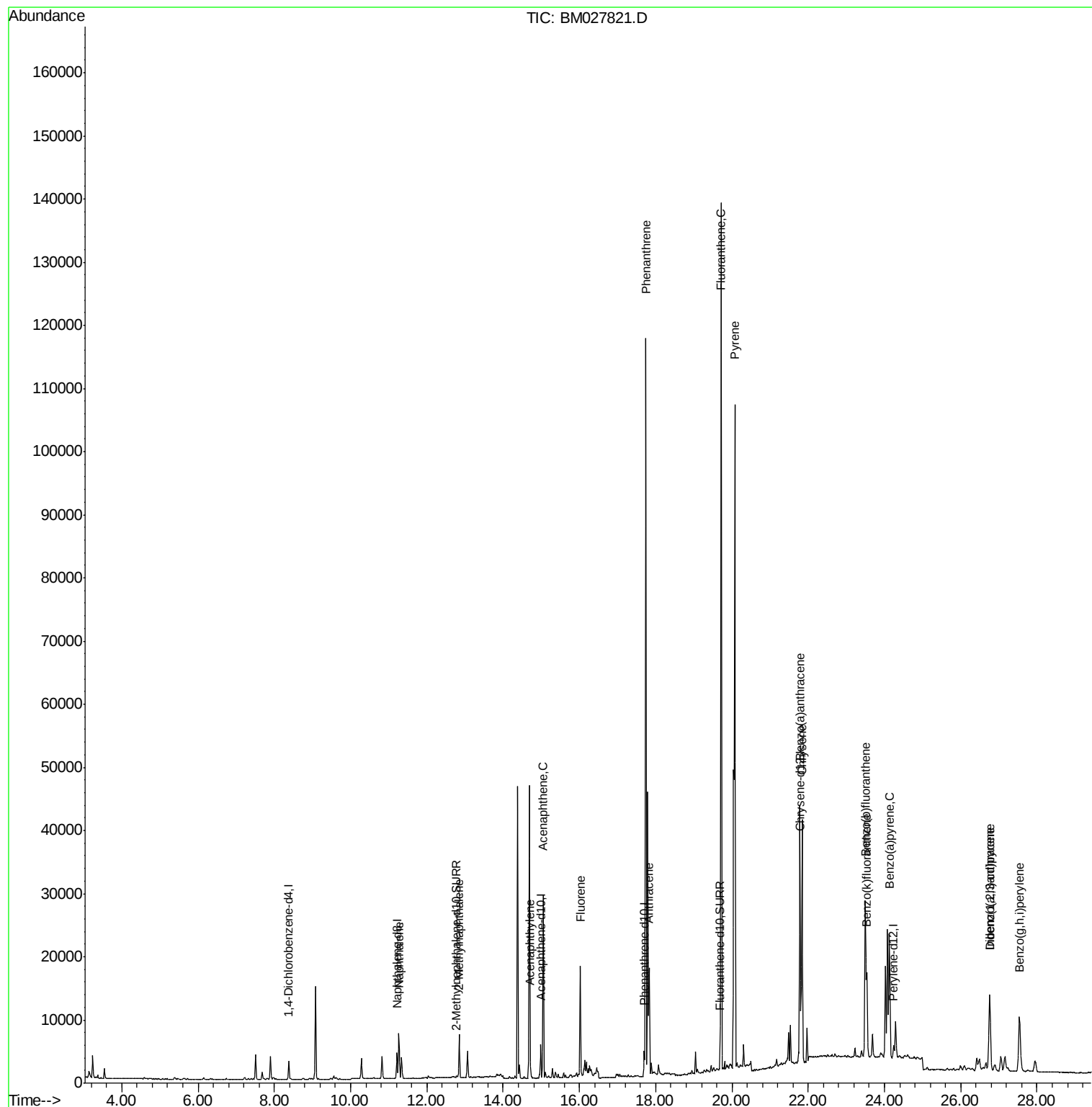
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027821.D
Acq On : 17 Nov 2020 17:14
Operator : JU/CG
Sample : L4762-04DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

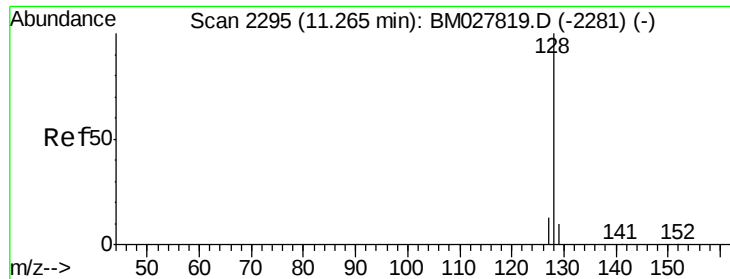
Instrument :
BNA_M
ClientSampleId :
C0AB9DL

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM

Quant Time: Nov 18 00:40:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.574 ng/ul

RT: 11.26 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

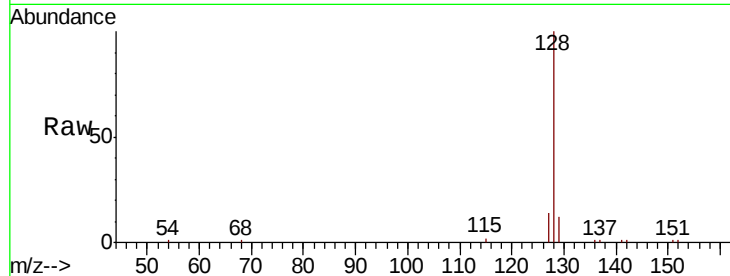
ClientSampleId :

C0AB9DL

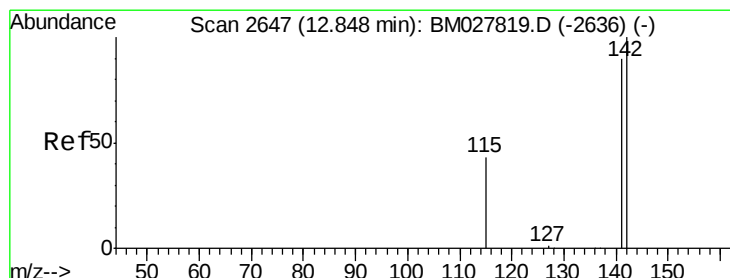
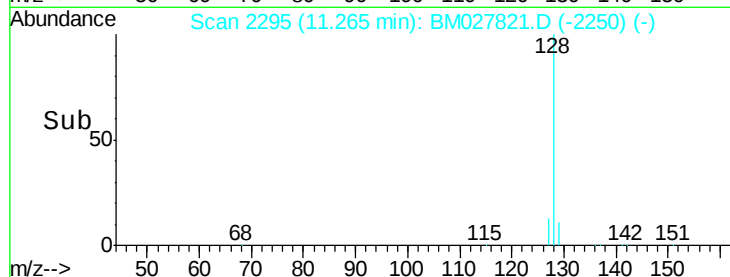
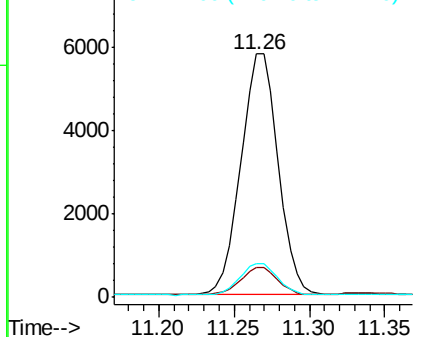
Tot Ion:128	Resp:	9876
Ion Ratio	Lower	Upper
128 100		
129 12.2	11.0	16.4
127 13.8	12.4	18.6

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 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: 0.383 ng/ul

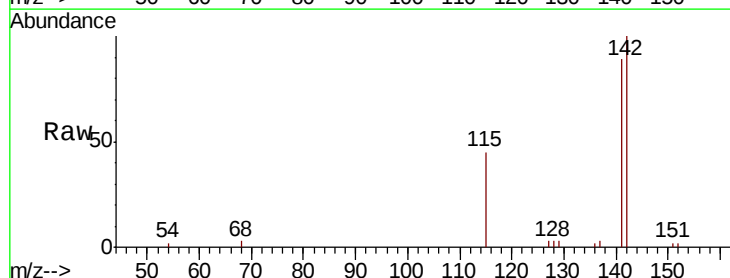
RT: 12.85 min Scan# 2647

Delta R.T. 0.00 min

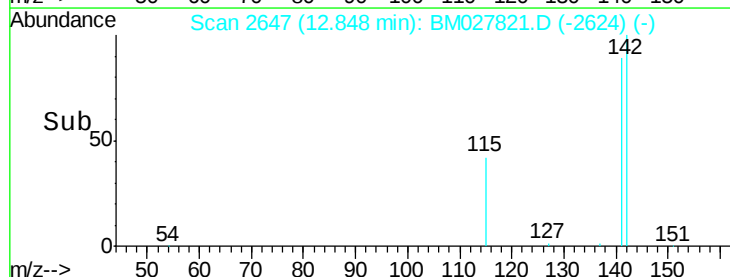
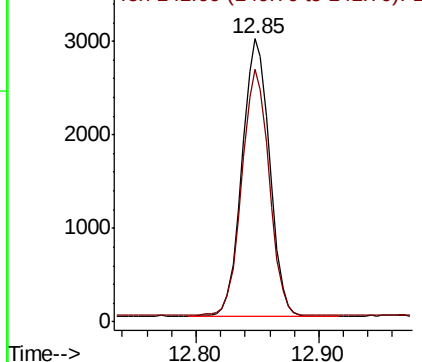
Lab File: BM027821.D

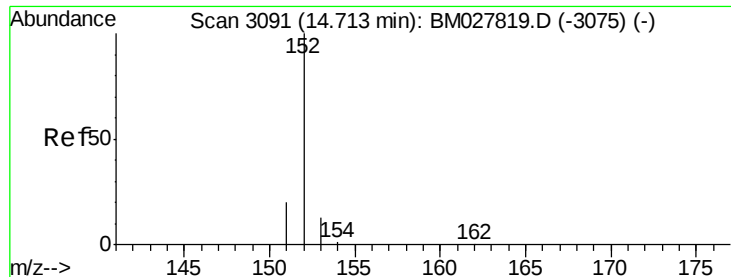
Acq: 17 Nov 2020 17:14

Tgt Ion:142	Resp:	4585
Ion Ratio	Lower	Upper
142 100		
141 87.6	70.0	105.0



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





#7

Acenaphthylene

Concen: 0.131 ng/ul

RT: 14.71 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

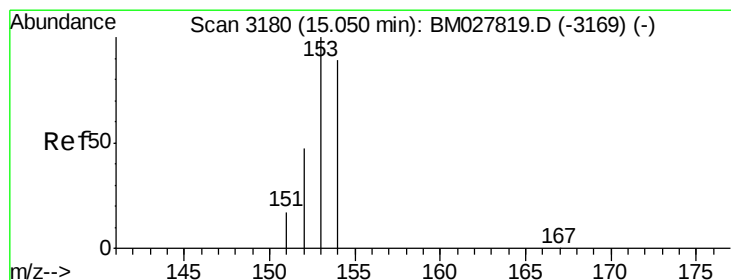
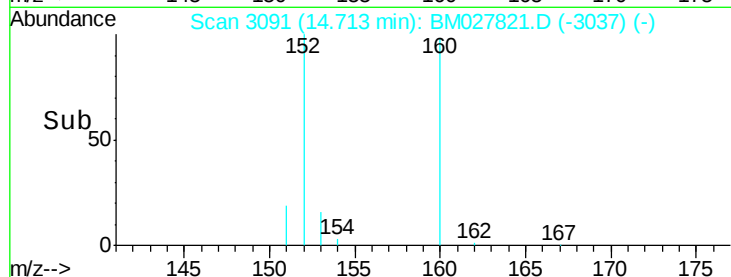
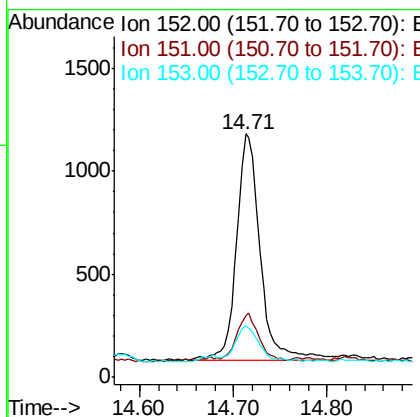
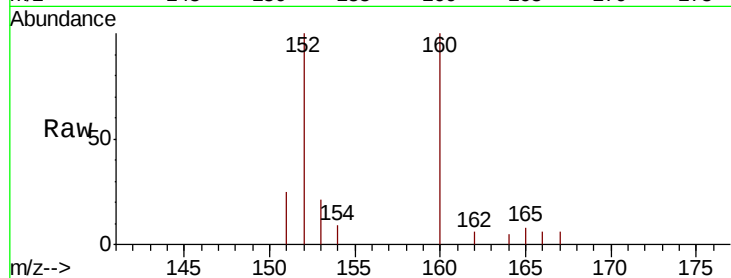
ClientSampleId :

C0AB9DL

Tot Ion	152	Resp:	1952
Ion	Ratio	Lower	Upper
152	100		
151	25.3	17.8	26.6
153	21.4	11.8	17.8#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM



#8

Acenaphthene

Concen: 1.417 ng/ul

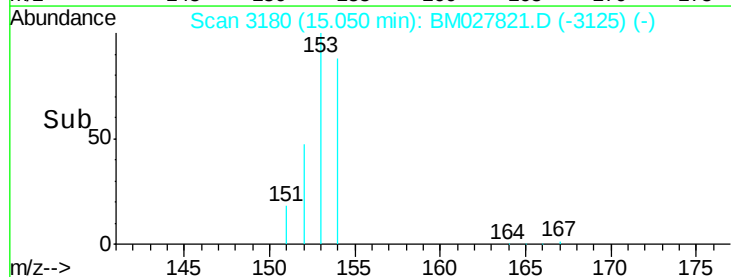
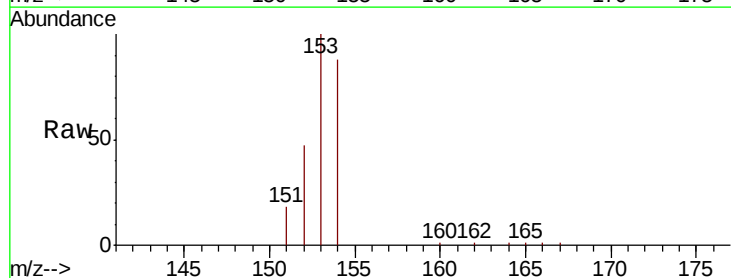
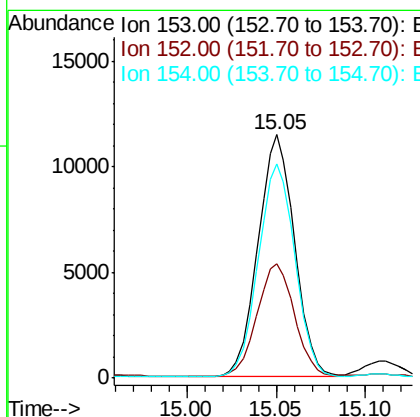
RT: 15.05 min Scan# 3180

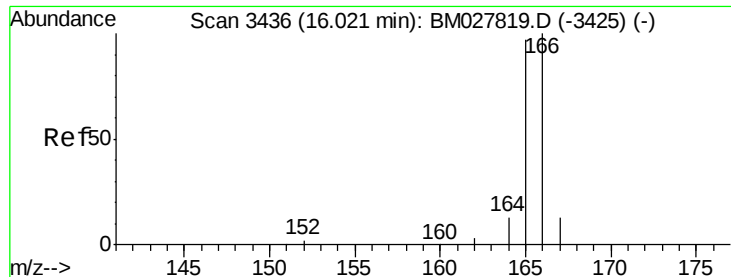
Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Tgt Ion	153	Resp:	16165
Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.6	58.0
154	87.9	72.0	108.0





#9

Fluorene

Concen: 0.794 ng/ul

RT: 16.02 min Scan# 3436

Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

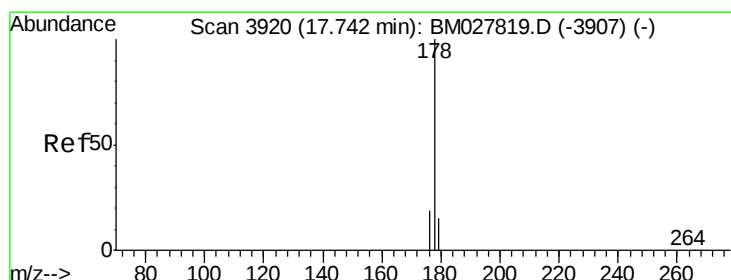
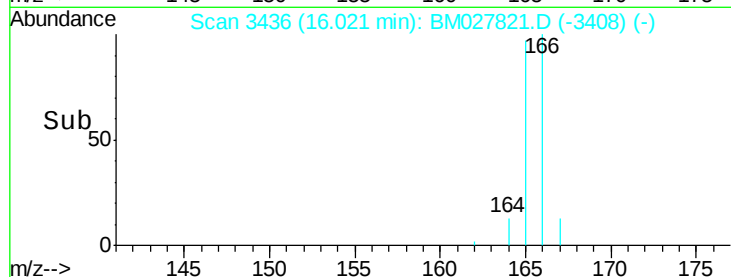
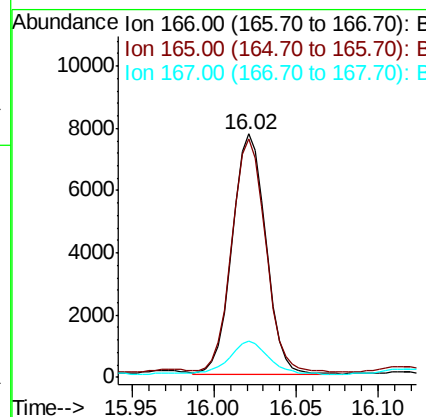
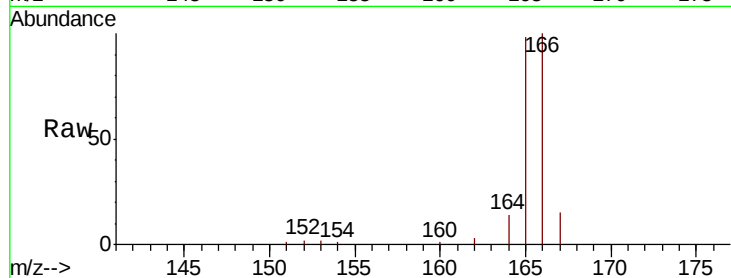
ClientSampleId :

C0AB9DL

Tot Ion:	166	Resp:	10892
Ion Ratio	Lower	Upper	
166	100		
165	97.9	76.9	115.3
167	14.8	12.0	18.0

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM



#12

Phenanthrene

Concen: 7.794 ng/ul

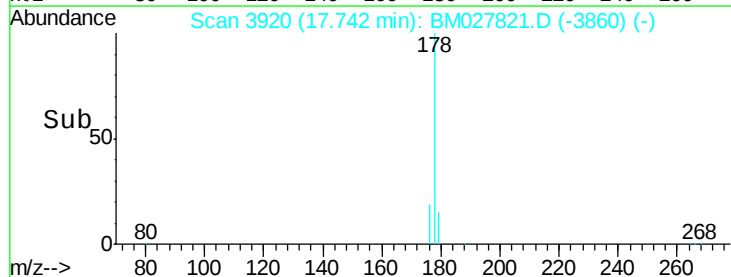
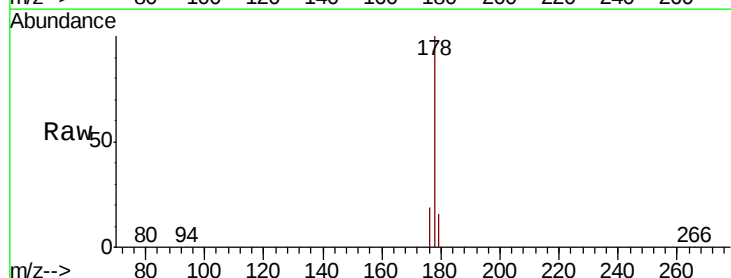
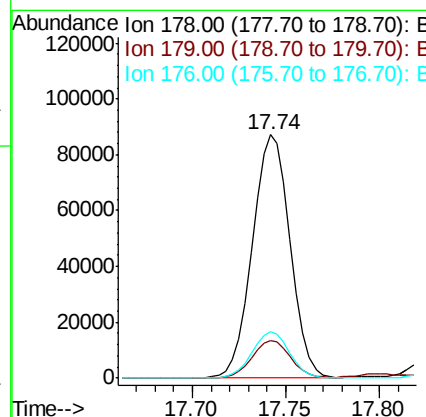
RT: 17.74 min Scan# 3920

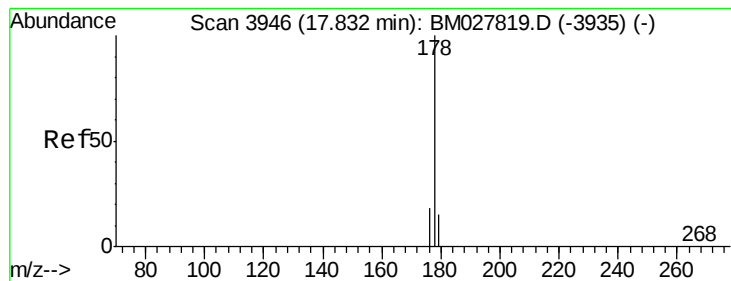
Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Tgt Ion:	178	Resp:	122462
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.5	20.3
176	19.0	16.5	24.7





#13

Anthracene

Concen: 1.153 ng/ul

RT: 17.83 min Scan# 3946

Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

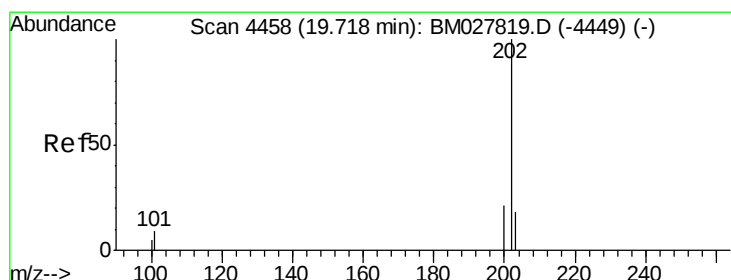
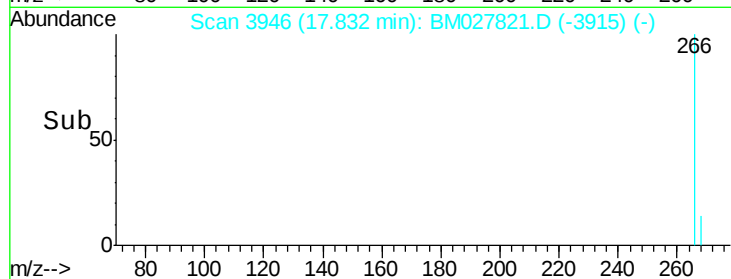
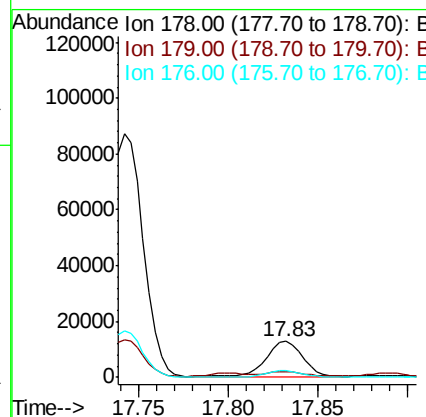
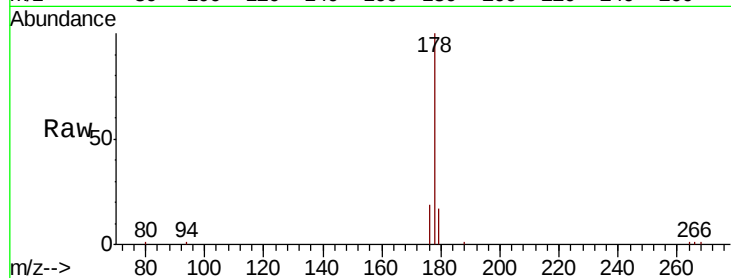
ClientSampled :

C0AB9DL

Tot Ion:	178	Resp:	17635
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.6	20.4
176	18.8	15.4	23.2

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM



#15

Fluoranthene

Concen: 6.560 ng/ul

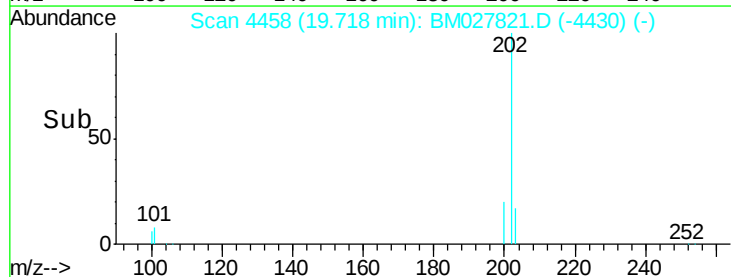
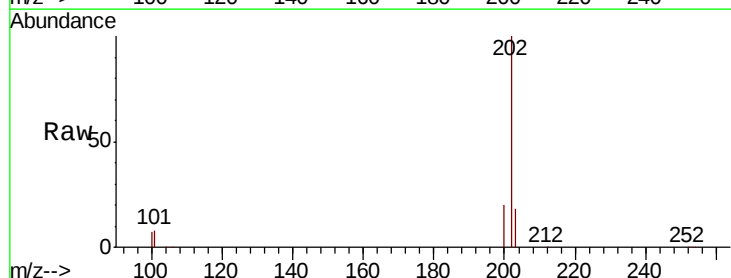
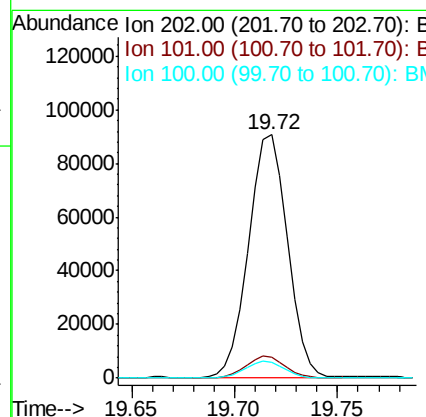
RT: 19.72 min Scan# 4458

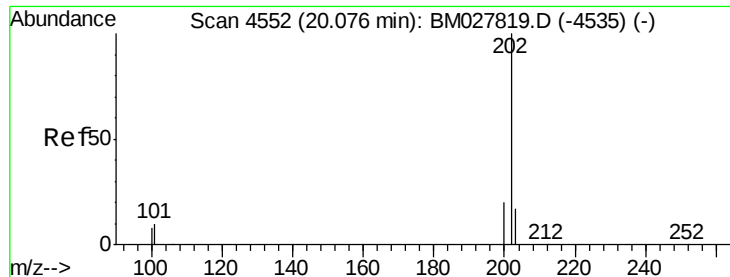
Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Tgt Ion:	202	Resp:	118001
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.0
100	6.6	0.0	26.3





#17

Pvrene

Concen: 7.706 ng/ul

RT: 20.07 min Scan# 4551

Delta R.T. 0.00 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

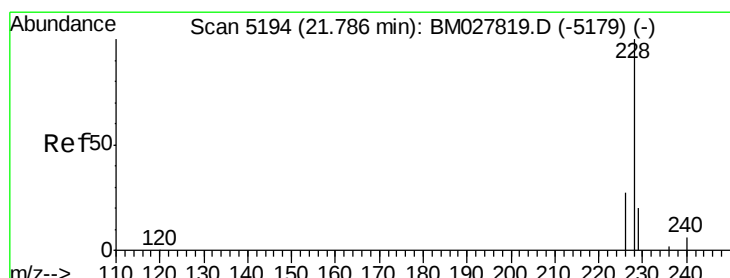
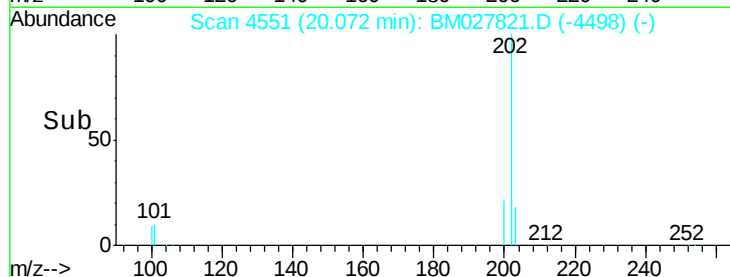
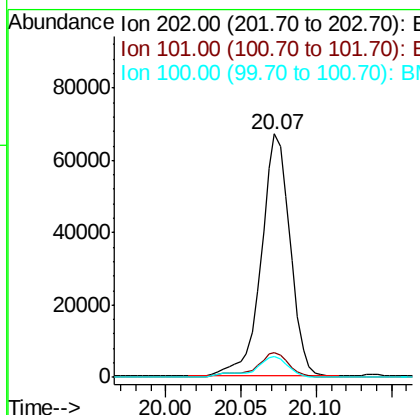
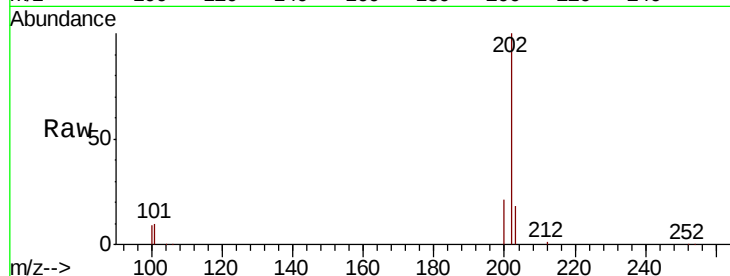
ClientSampleId :

C0AB9DL

Tot Ion:	202	Resp:	89808
Ion Ratio	Lower	Upper	
202	100		
101	10.2	6.4	9.6#
100	8.6	5.8	8.6

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM



#18

Benzo(a)anthracene

Concen: 3.348 ng/ul

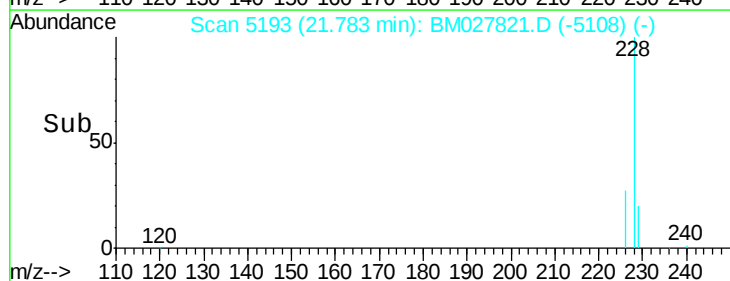
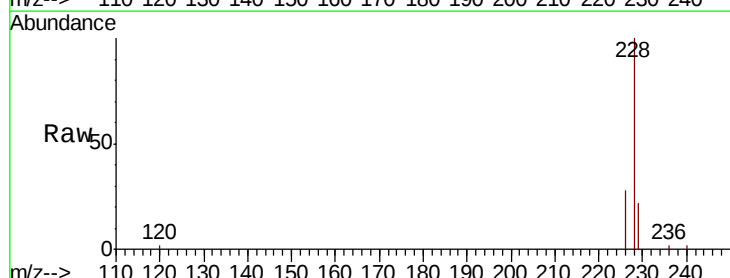
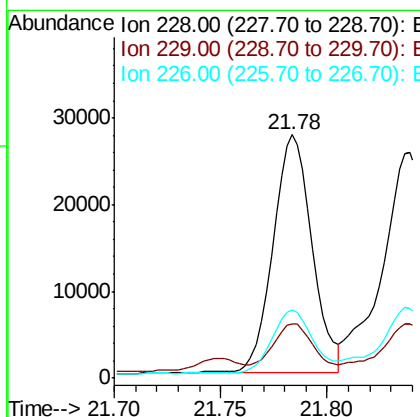
RT: 21.78 min Scan# 5193

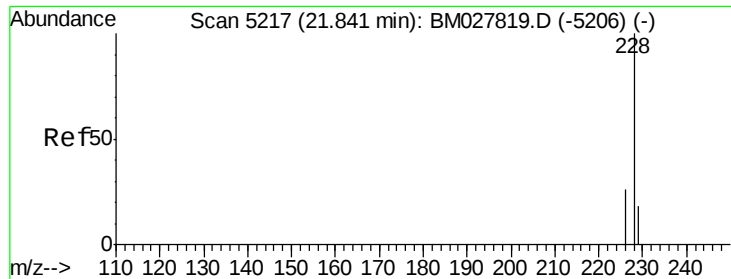
Delta R.T. 0.00 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Tgt Ion:	228	Resp:	35161
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.9	23.9
226	28.1	22.0	33.0





#19

Chrysene

Concen: 3.564 ng/ul

RT: 21.84 min Scan# 5216

Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

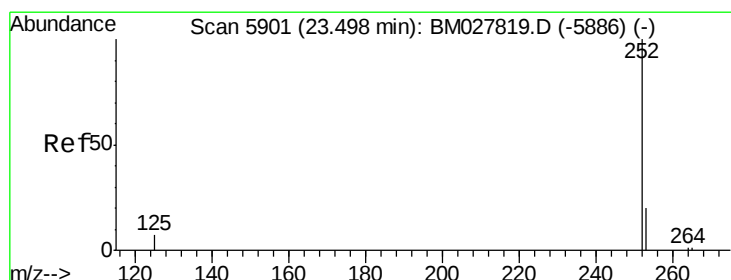
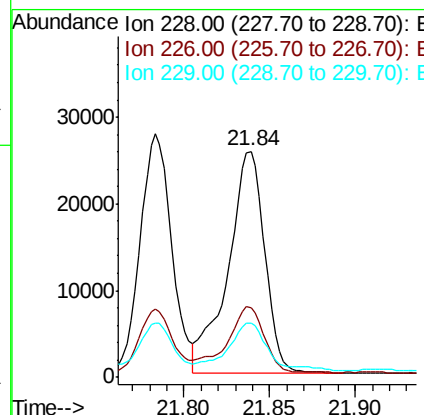
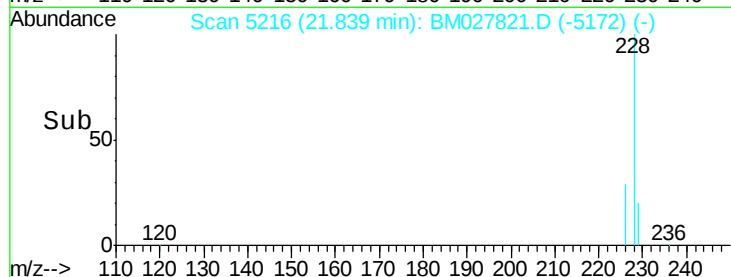
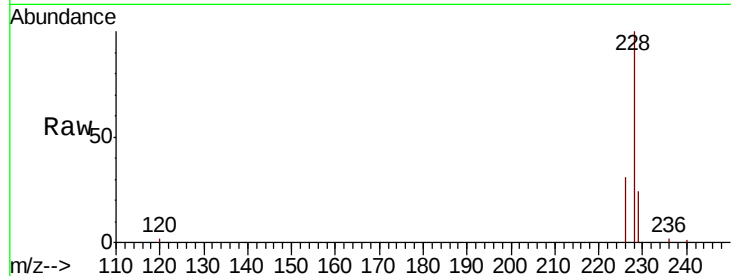
ClientSampleId :

C0AB9DL

Tot Ion:	228	Resp:	38127
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	24.2	16.8	25.2

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM



#21

Benzo(b)fluoranthene

Concen: 3.725 ng/ul m

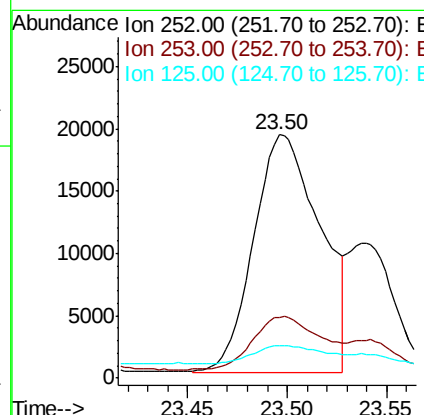
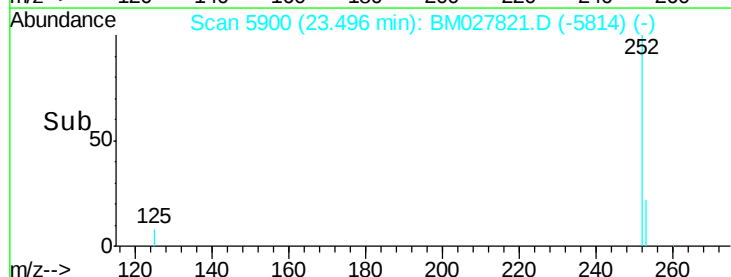
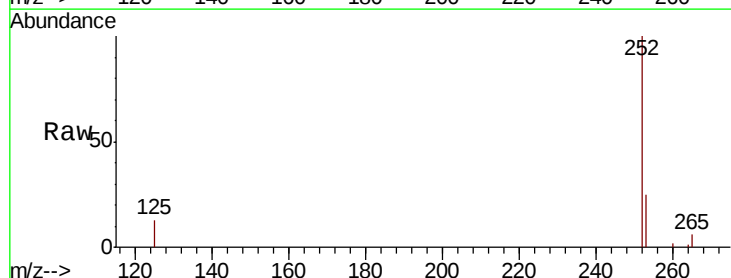
RT: 23.50 min Scan# 5900

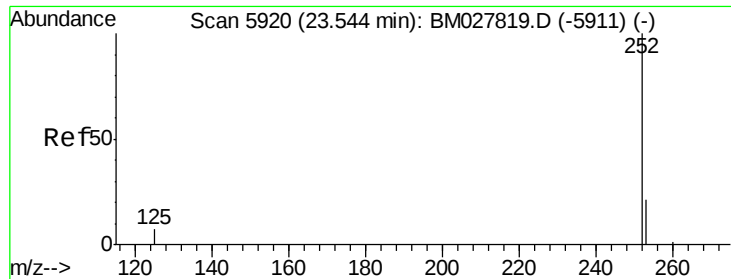
Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Tgt Ion:	252	Resp:	44522
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	52.2
125	13.4	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 1.451 ng/ul m

RT: 23.54 min Scan# 5917

Delta R.T. 0.00 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Instrument :

BNA_M

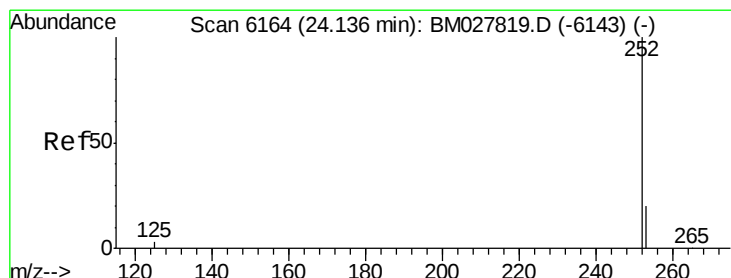
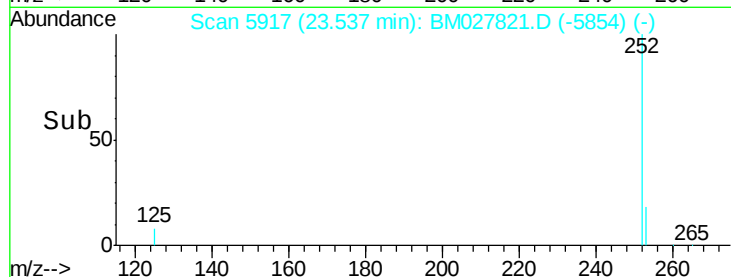
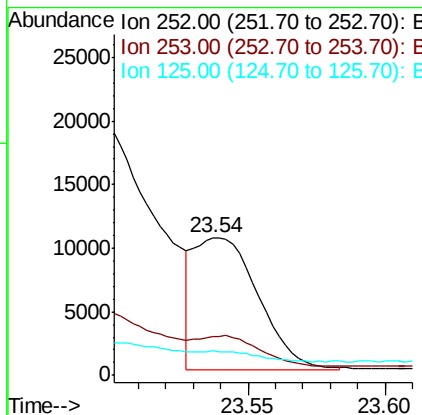
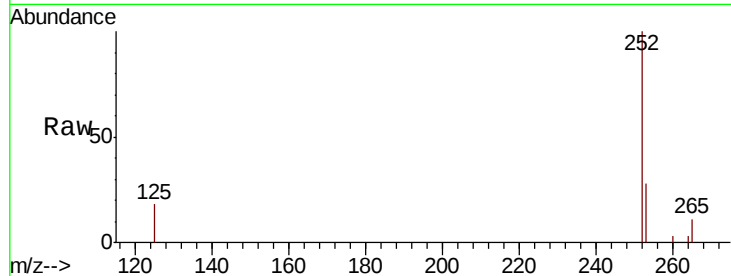
ClientSampleId :

C0AB9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.4	30.6
125	18.0	7.0	10.4

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:17 AM



#23

Benzo(a)pyrene

Concen: 2.822 ng/ul

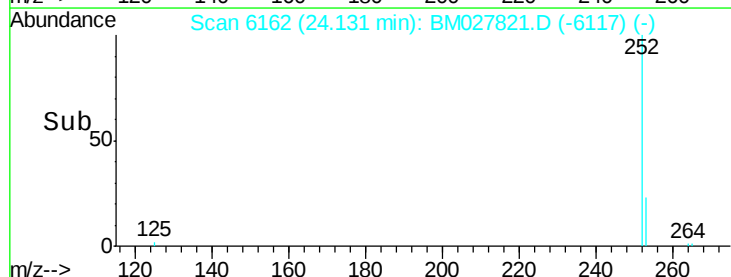
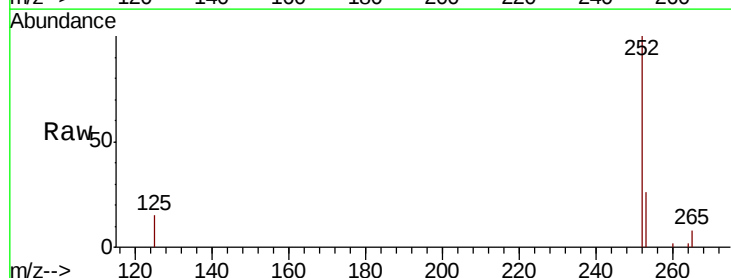
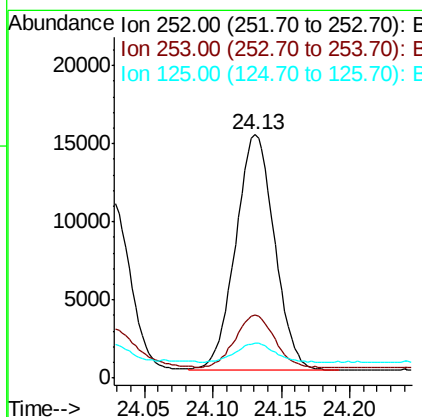
RT: 24.13 min Scan# 6162

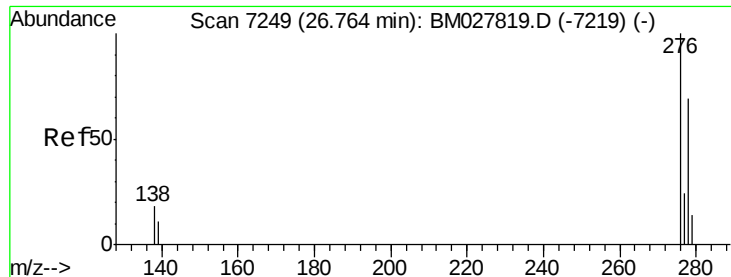
Delta R.T. 0.01 min

Lab File: BM027821.D

Acq: 17 Nov 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.0	31.6
125	14.5	7.8	11.8





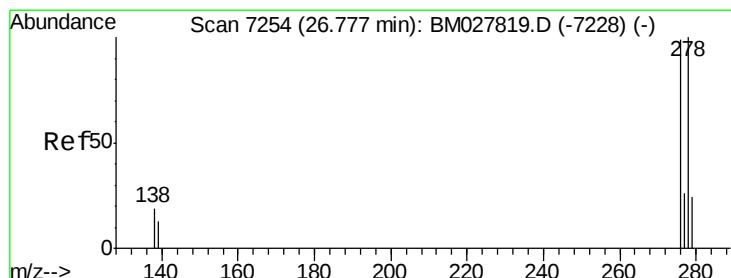
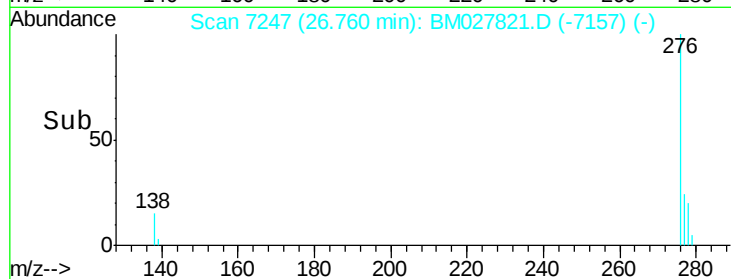
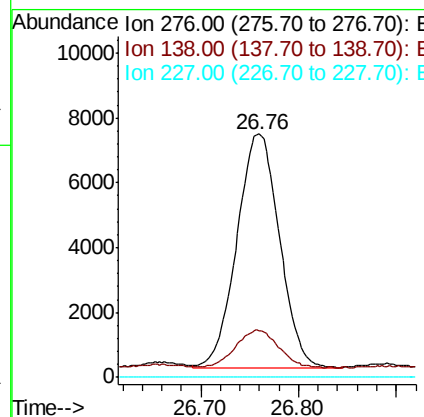
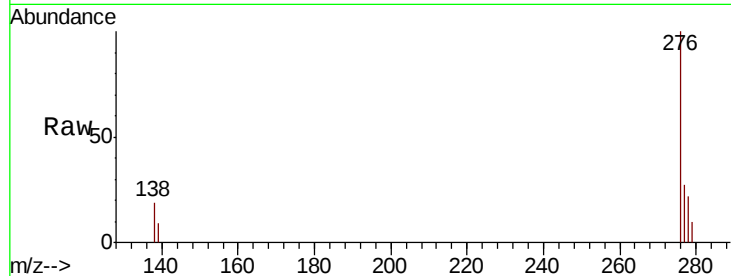
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.818 ng/ul
RT: 26.76 min Scan# 7247
Delta R.T. 0.02 min
Lab File: BM027821.D
Acq: 17 Nov 2020 17:14

Instrument :
BNA_M
ClientSampleId :
C0AB9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.1	18.1
227	0.0	0.0	0.0

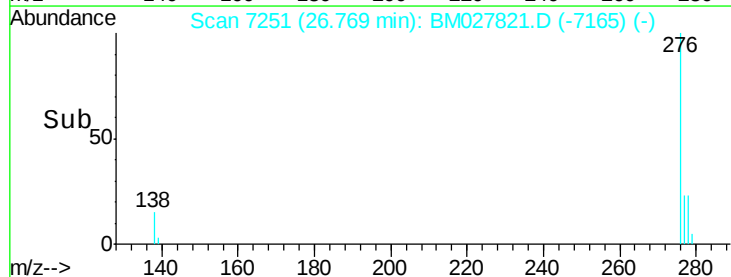
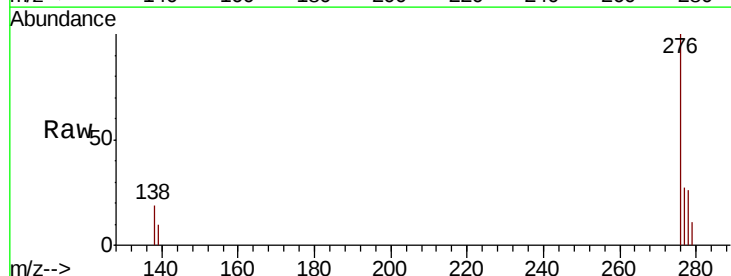
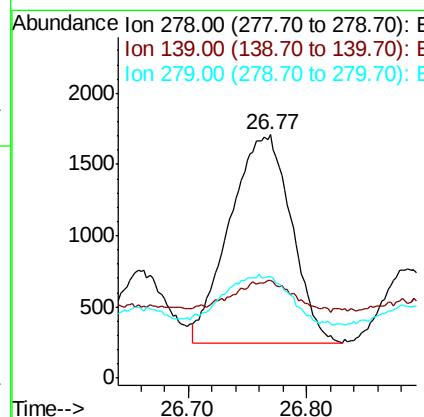
Manual Integrations
APPROVED

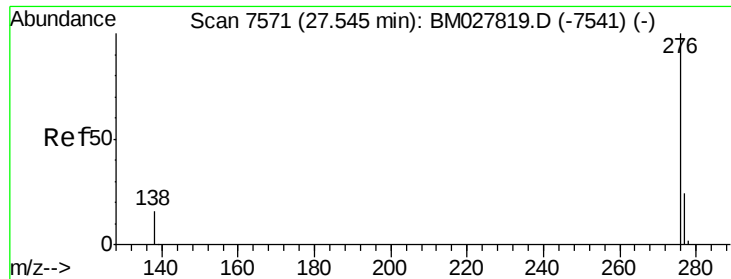
mohammad
11/19/2020 10:33:17 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.526 ng/ul
RT: 26.77 min Scan# 7251
Delta R.T. 0.01 min
Lab File: BM027821.D
Acq: 17 Nov 2020 17:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.3	10.2	15.4#
279	41.5	21.9	32.9#





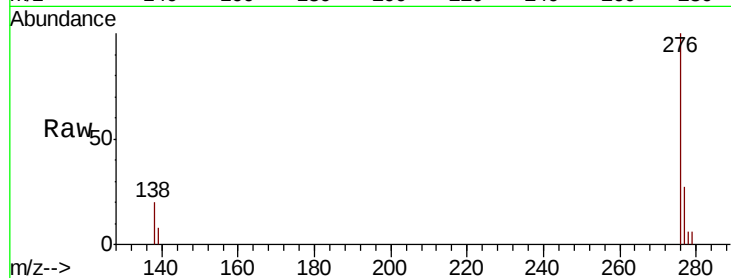
#26
 Benzo(a,h,i)perylene
 Concen: 1.989 ng/ul
 RT: 27.54 min Scan# 7569
 Delta R.T. 0.02 min
 Lab File: BM027821.D
 Acq: 17 Nov 2020 17:14

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	12.8	19.2#
277	27.2	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:33:17 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

