

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027928.D
 Acq On : 24 Nov 2020 00:03
 Operator : JU/CG
 Sample : L4711-06DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF3DL

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:45:30 PM

Quant Time: Nov 24 01:29:17 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	1414	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	5555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	3165	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5364	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3027	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2737	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1160	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1695	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	526	0.032	ng/ul#	70
5) 2-Methylnaphthalene	12.80	142	319	0.028	ng/ul	100
7) Acenaphthylene	14.67	152	348	0.023	ng/ul#	59
8) Acenaphthene	15.01	153	455	0.039	ng/ul	96
9) Fluorene	15.98	166	358	0.027	ng/ul#	95
12) Phenanthrene	17.70	178	7264	0.429	ng/ul	99
13) Anthracene	17.79	178	1397	0.085	ng/ul#	90
15) Fluoranthene	19.68	202	18688	0.995	ng/ul	98
17) Pyrene	20.03	202	15547	1.011	ng/ul	96
18) Benzo(a)anthracene	21.74	228	7323	0.600	ng/ul	98
19) Chrysene	21.80	228	8945	0.752	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	11152m	0.970	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	3872m	0.344	ng/ul	
23) Benzo(a)pyrene	24.08	252	7231	0.719	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.67	276	5380	0.494	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.68	278	1357	0.150	ng/ul#	50
26) Benzo(a,h,i)perylene	27.45	276	5229	0.572	ng/ul	100

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

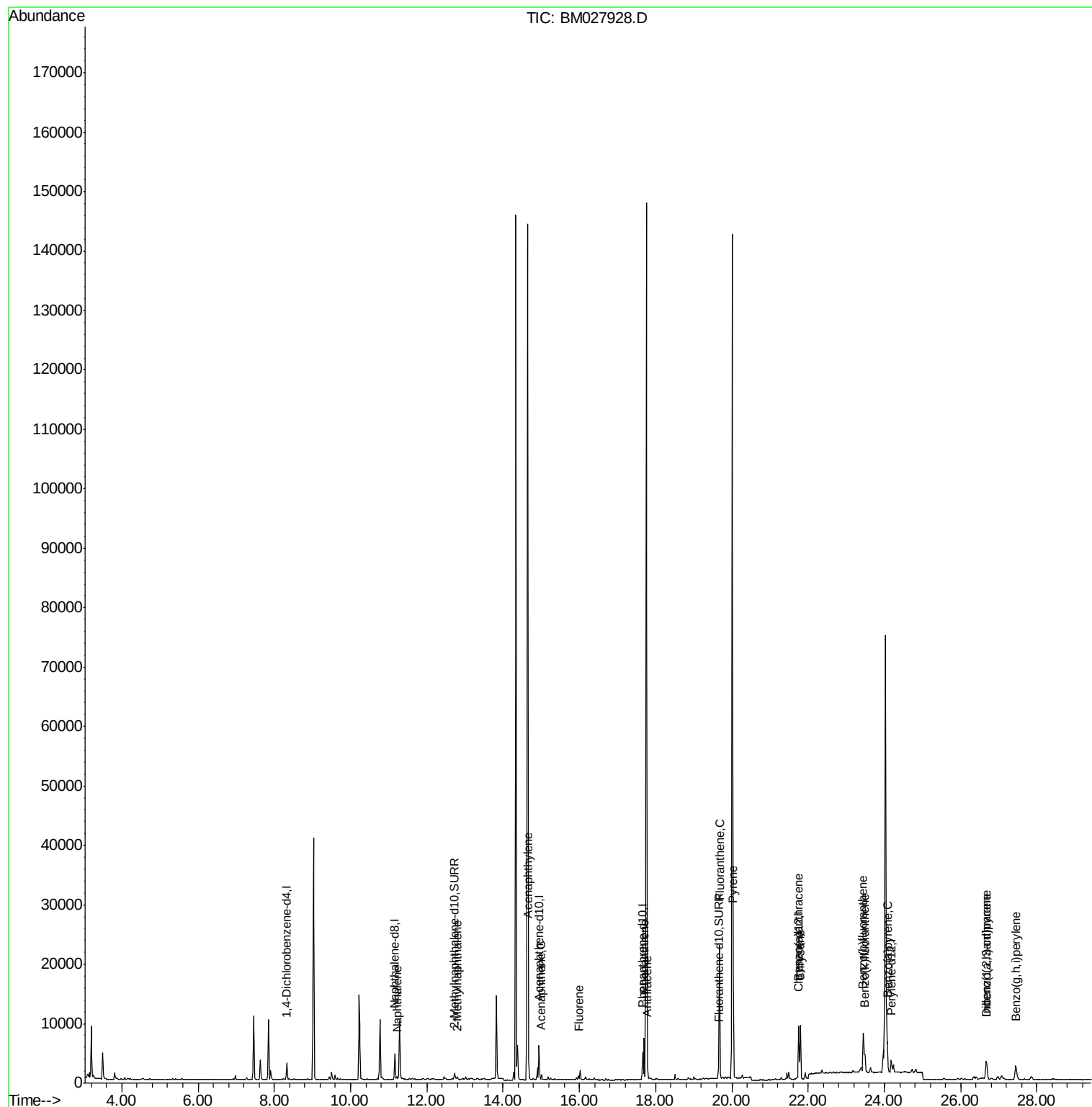
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027928.D
Acq On : 24 Nov 2020 00:03
Operator : JU/CG
Sample : L4711-06DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

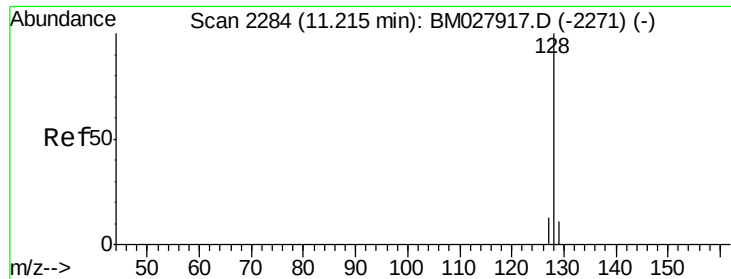
Instrument :
BNA_M
ClientSampled :
C0BF3DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM

Quant Time: Nov 24 01:29:17 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: 0.032 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Instrument :

BNA_M

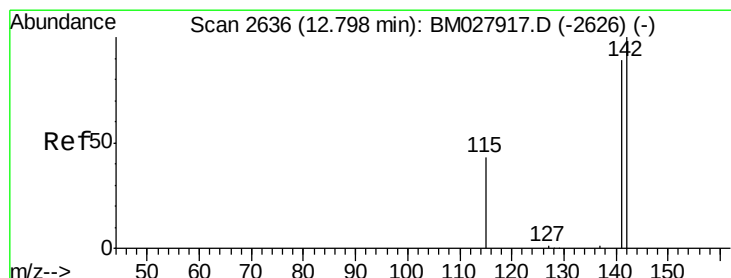
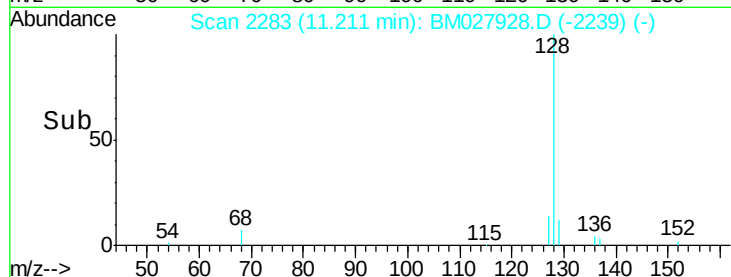
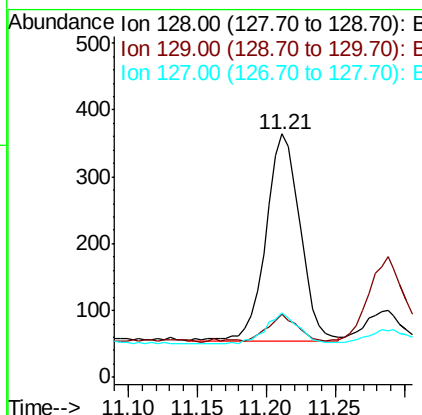
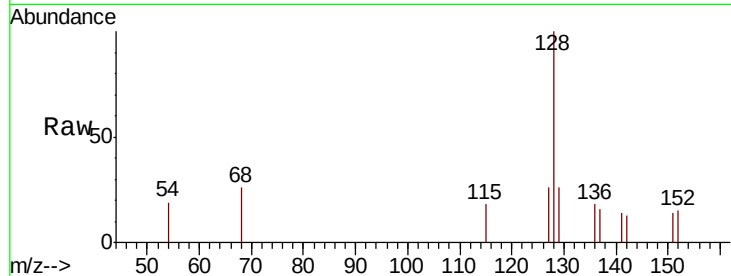
ClientSampled :

C0BF3DL

Tot Ion:	128	Resp:	526
Ion Ratio	Lower	Upper	
128	100		
129	25.8	10.4	15.6#
127	26.4	12.0	18.0#

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM



#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

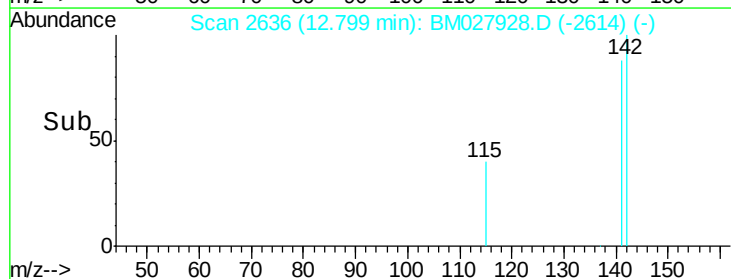
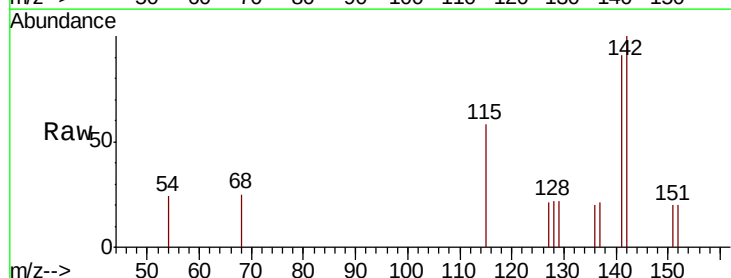
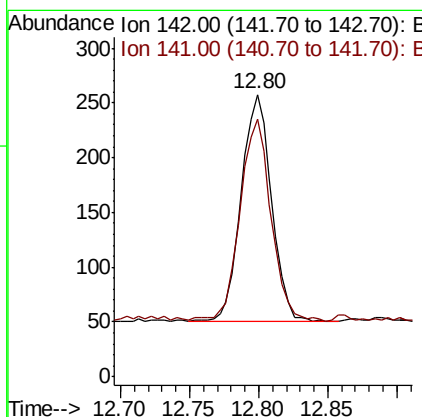
RT: 12.80 min Scan# 2636

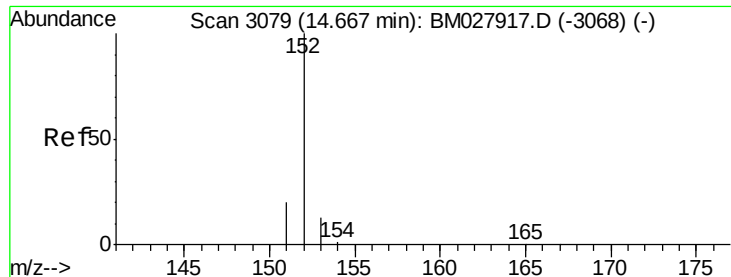
Delta R.T. 0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Tgt Ion:	142	Resp:	319
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.6	107.4





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Instrument :

BNA_M

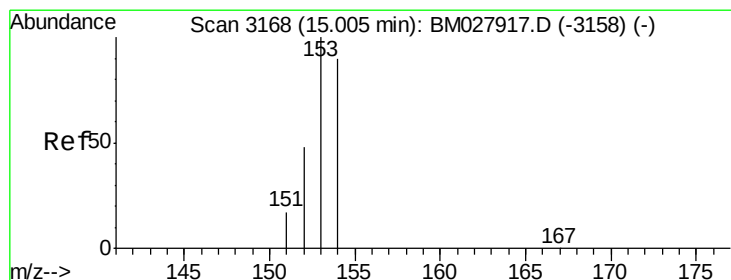
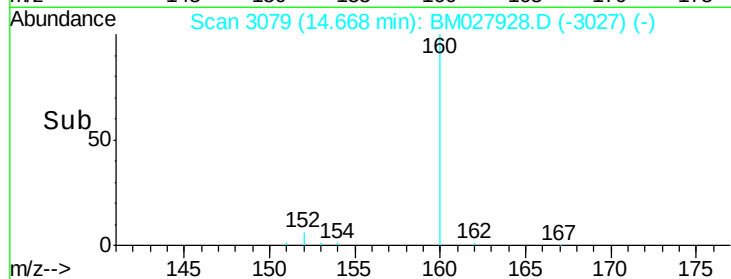
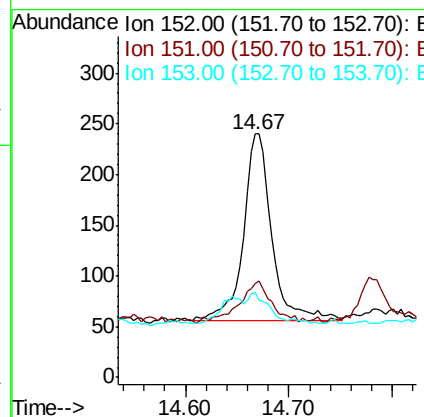
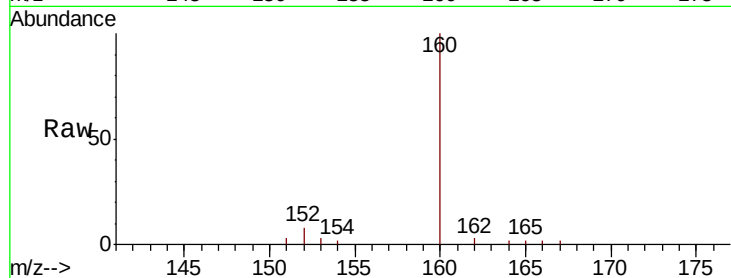
ClientSampleId :

C0BF3DL

Tot Ion:	152	Resp:	348
Ion Ratio	Lower	Upper	
152	100		
151	38.8	17.1	25.7#
153	35.0	12.0	18.0#

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM



#8

Acenaphthene

Concen: 0.039 ng/ul

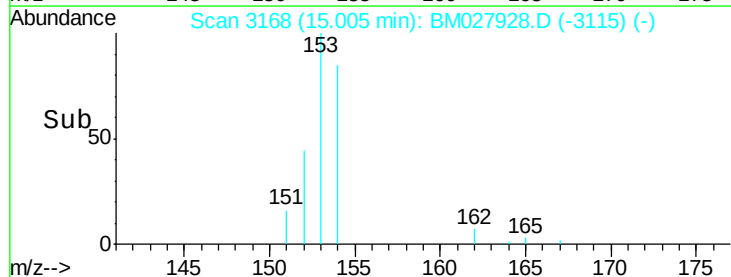
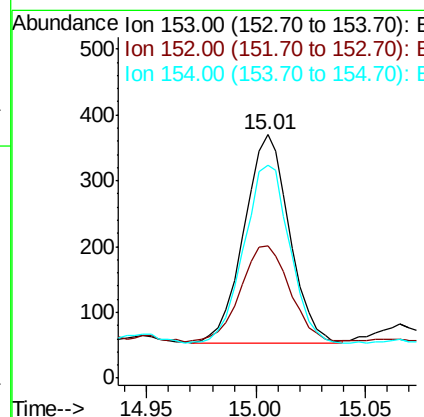
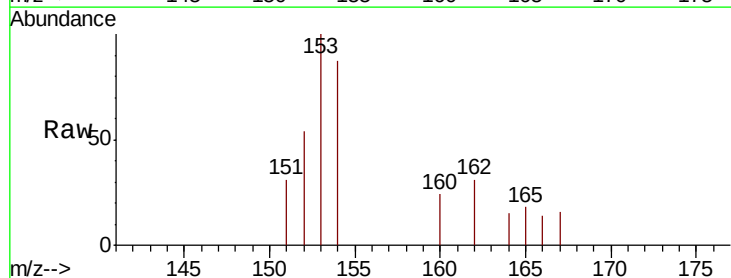
RT: 15.01 min Scan# 3168

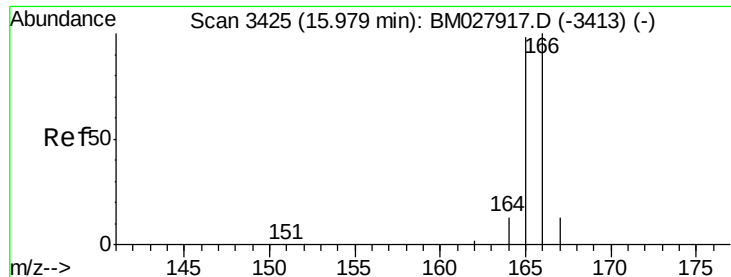
Delta R.T. 0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Tgt Ion:	153	Resp:	455
Ion Ratio	Lower	Upper	
153	100		
152	54.3	39.0	58.6
154	87.3	71.6	107.4





#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Instrument :

BNA_M

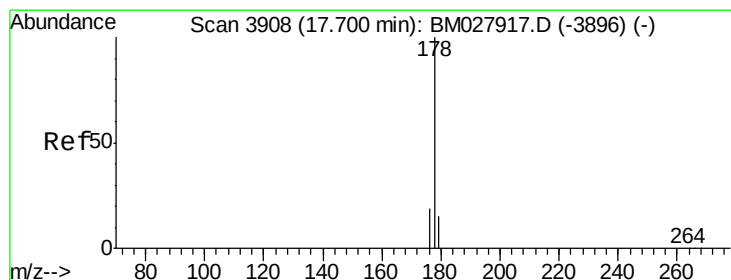
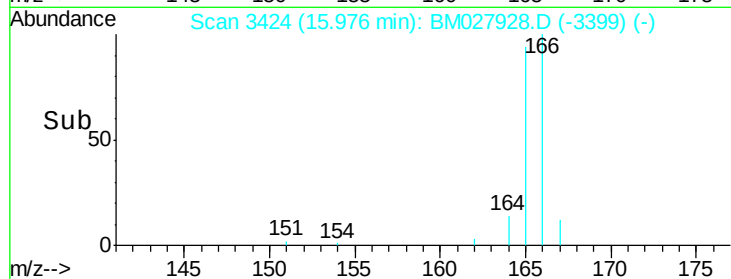
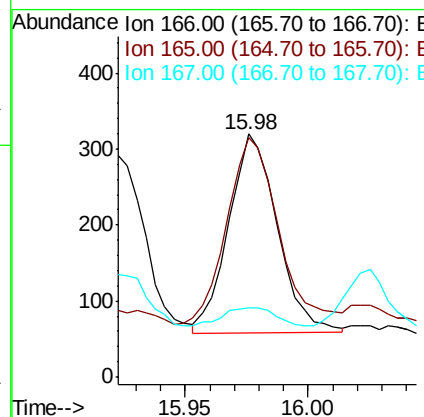
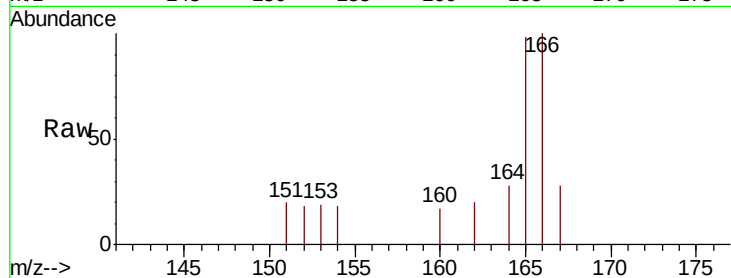
ClientSampleId :

C0BF3DL

Tot Ion:	166	Resp:	358
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.1	117.1
167	28.4	11.8	17.8#

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM



#12

Phenanthrene

Concen: 0.429 ng/ul

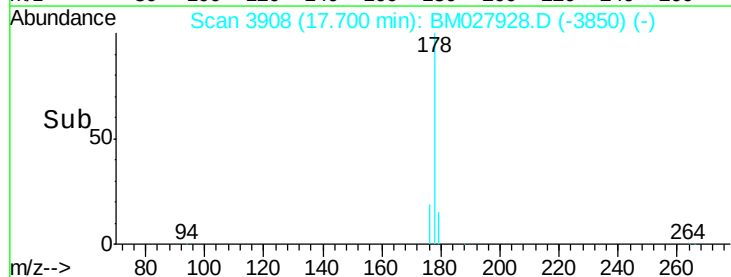
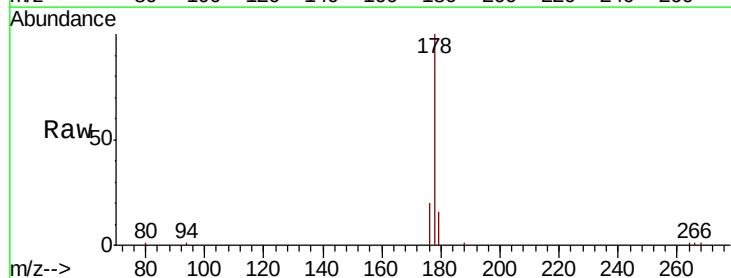
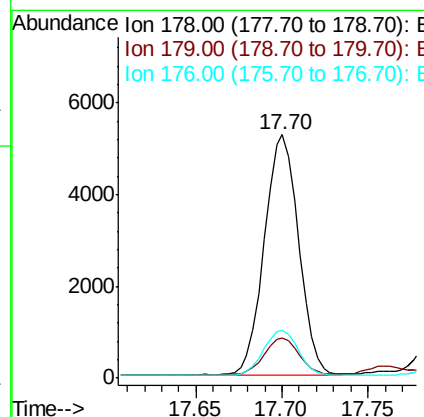
RT: 17.70 min Scan# 3908

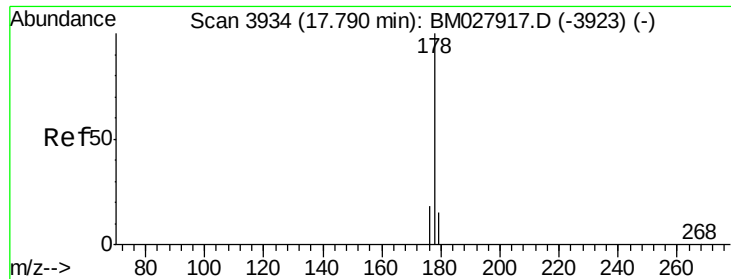
Delta R.T. 0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Tgt Ion:	178	Resp:	7264
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.6	20.4
176	19.8	16.1	24.1





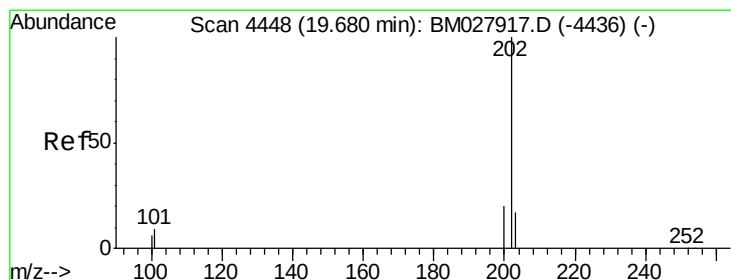
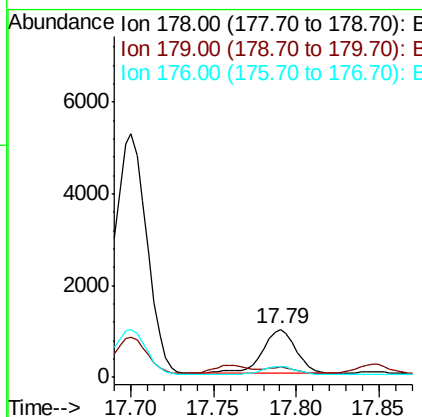
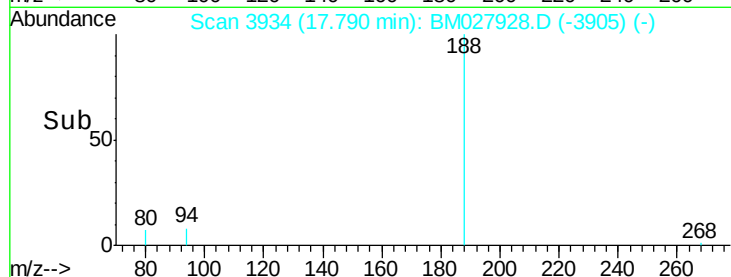
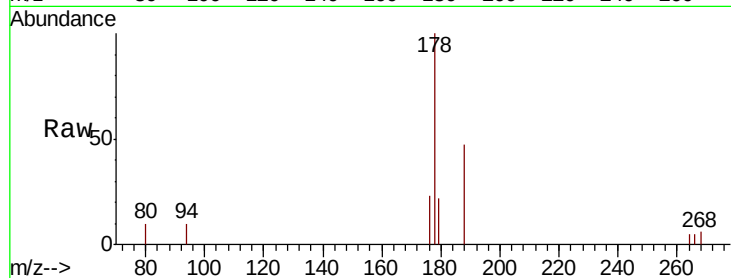
#13
 Anthracene
 Concen: 0.085 ng/ul
 RT: 17.79 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: BM027928.D
 Acq: 24 Nov 2020 00:03

Instrument :
 BNA_M
 ClientSampleId :
 C0BF3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.6	13.4	20.2#
176	22.7	15.0	22.6#

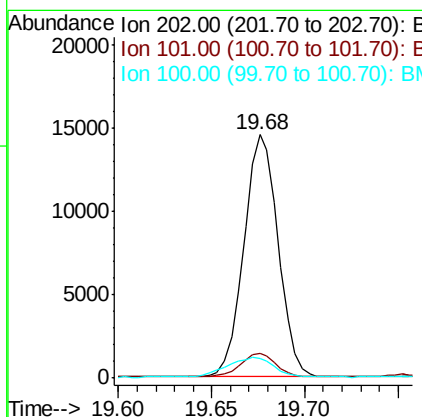
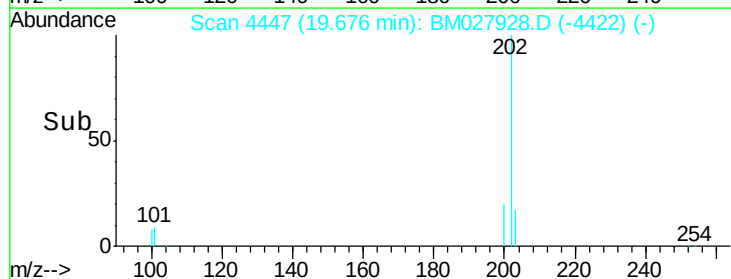
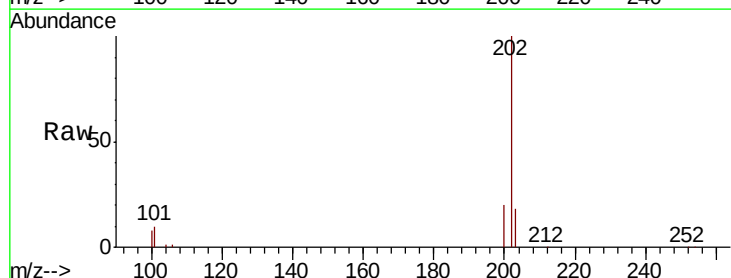
Manual Integrations
 APPROVED

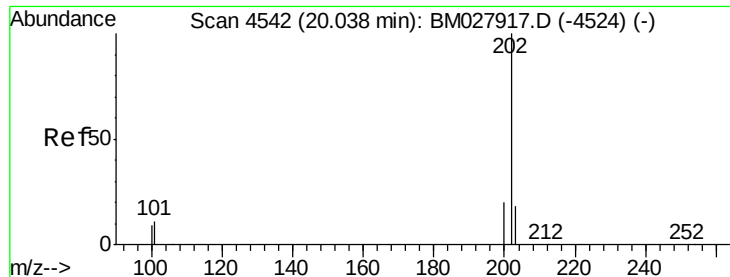
mohammad
 11/25/2020 12:45:30 PM



#15
 Fluoranthene
 Concen: 0.995 ng/ul
 RT: 19.68 min Scan# 4447
 Delta R.T. -0.00 min
 Lab File: BM027928.D
 Acq: 24 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.3
100	8.2	0.0	27.4





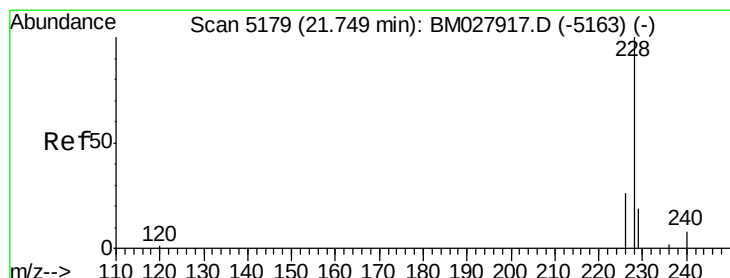
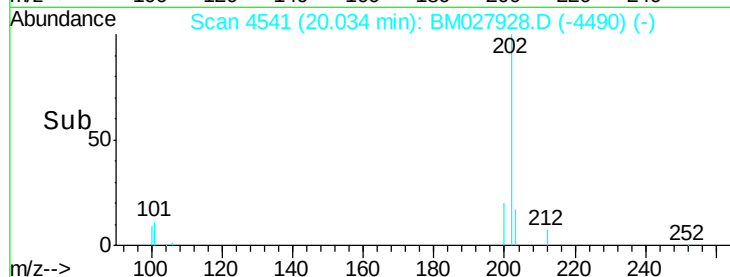
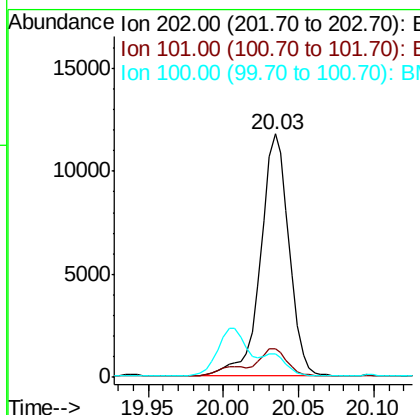
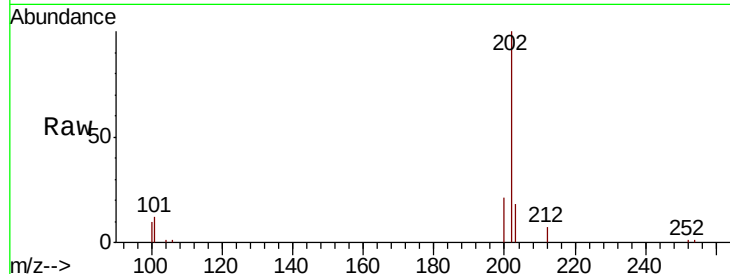
#17
Pyrene
Concen: 1.011 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027928.D
Acq: 24 Nov 2020 00:03

Instrument :
BNA_M
ClientSampleId :
C0BF3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	8.2	12.2
100	9.9	6.9	10.3

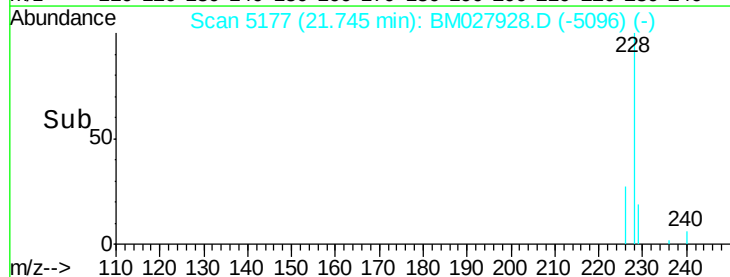
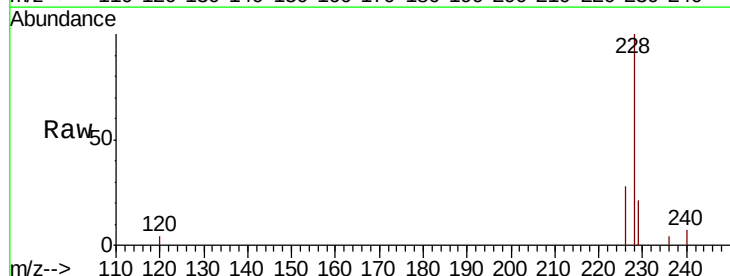
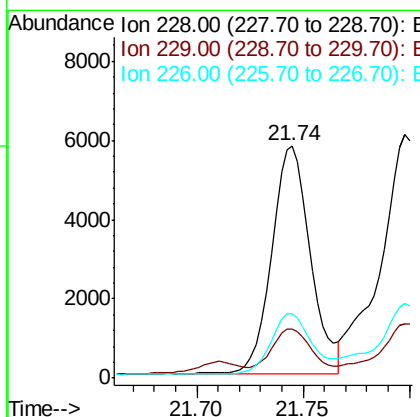
Manual Integrations
APPROVED

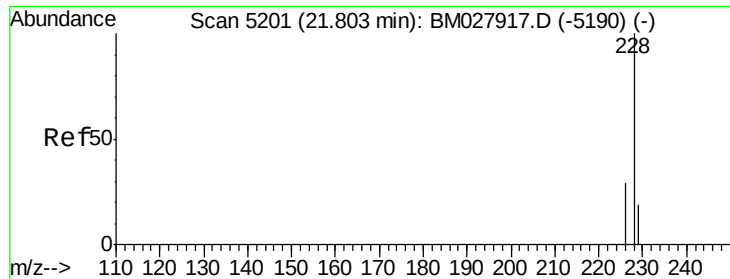
mohammad
11/25/2020 12:45:30 PM



#18
Benzo(a)anthracene
Concen: 0.600 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.00 min
Lab File: BM027928.D
Acq: 24 Nov 2020 00:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	16.2	24.4
226	27.9	21.5	32.3





#19

Chrysene

Concen: 0.752 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Instrument :

BNA_M

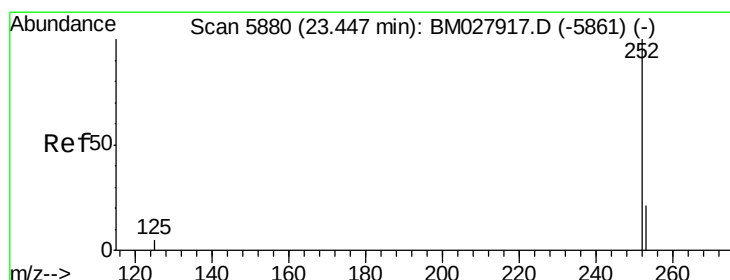
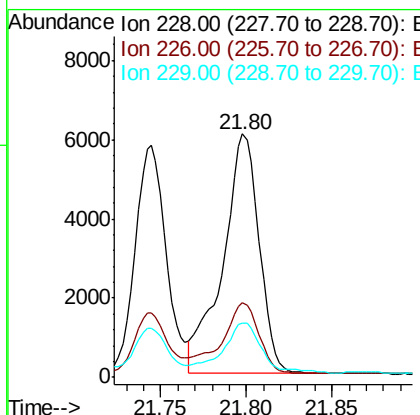
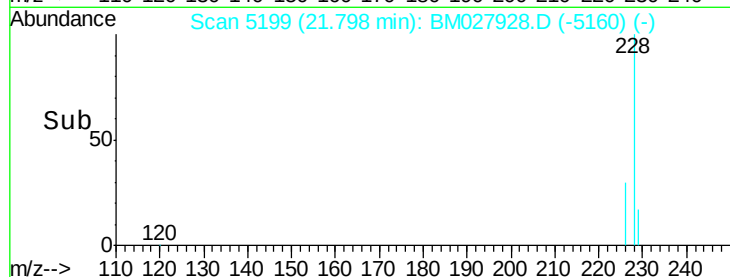
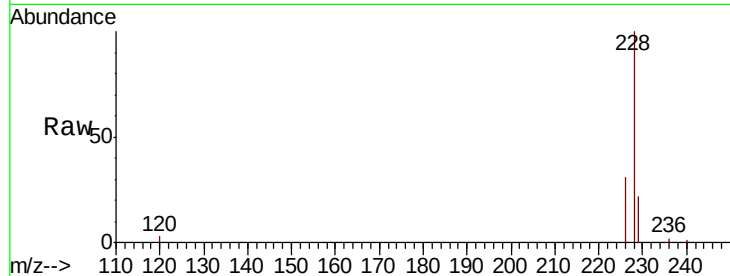
ClientSampleId :

C0BF3DL

Tot Ion:	228	Resp:	8945
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.1	36.1
229	22.3	16.6	24.8

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM



#21

Benzo(b)fluoranthene

Concen: 0.970 ng/ul m

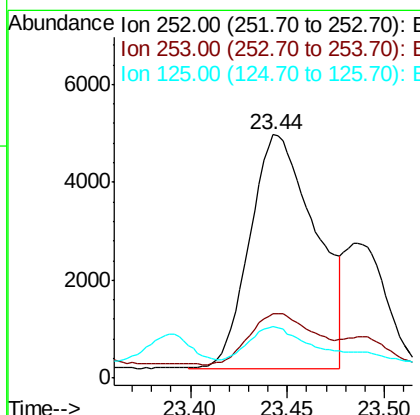
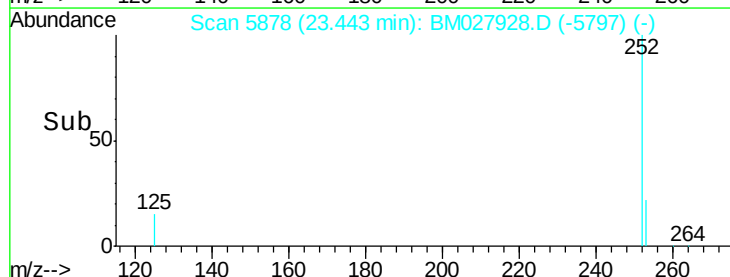
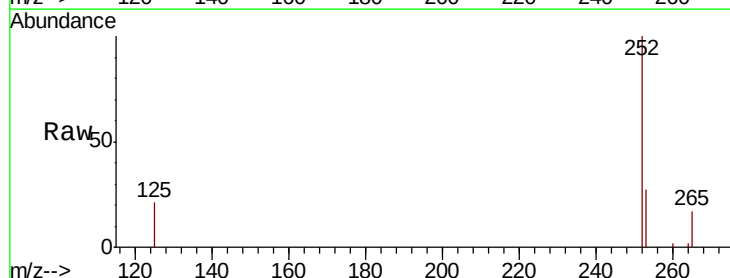
RT: 23.44 min Scan# 5878

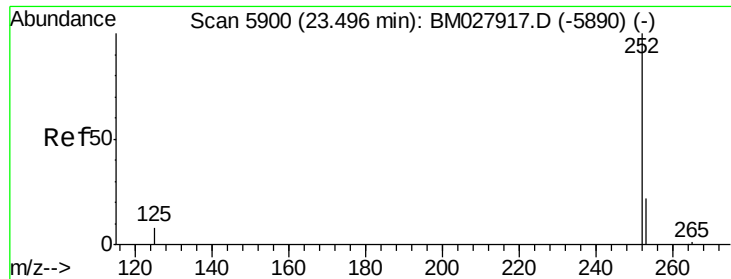
Delta R.T. -0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Tgt Ion:	252	Resp:	11152
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	59.6
125	21.0	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 0.344 ng/ul

RT: 23.48 min Scan# 5895

Delta R.T. -0.01 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Instrument :

BNA_M

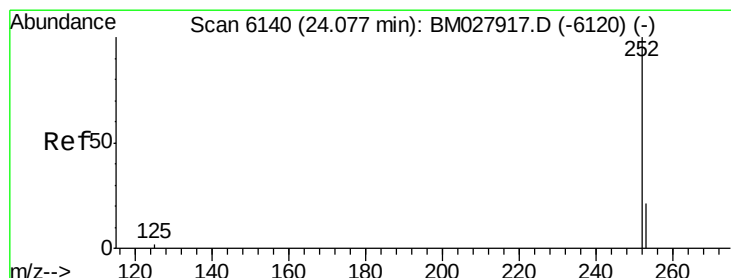
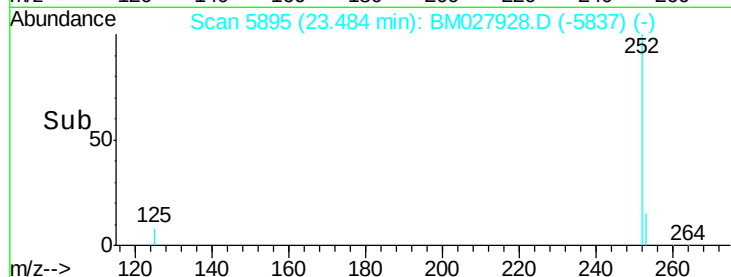
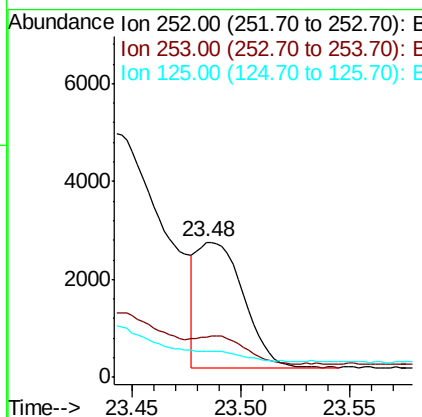
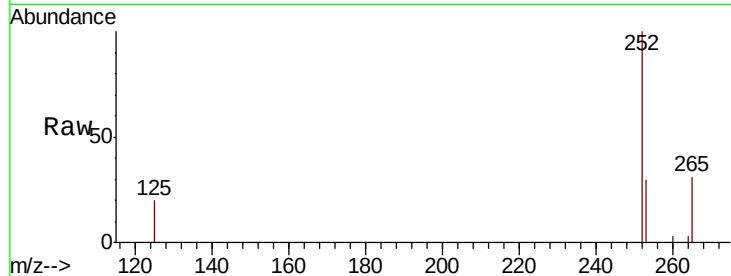
ClientSampleId :

C0BF3DL

Tot Ion:	252	Resp:	3872
Ion Ratio	Lower	Upper	
252	100		
253	30.2	23.2	34.8
125	19.7	11.8	17.6

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM



#23

Benzo(a)pyrene

Concen: 0.719 ng/ul

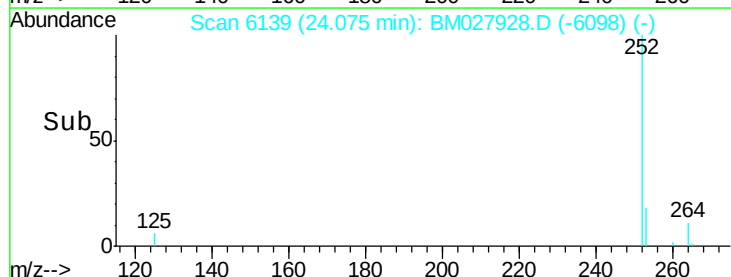
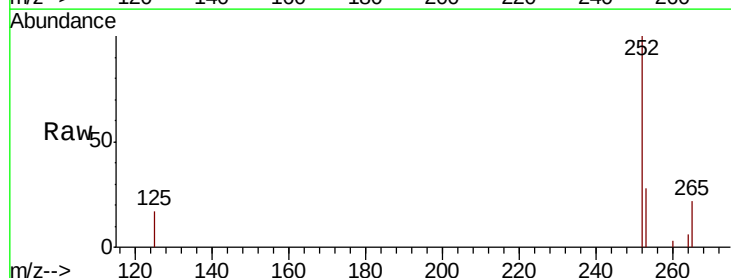
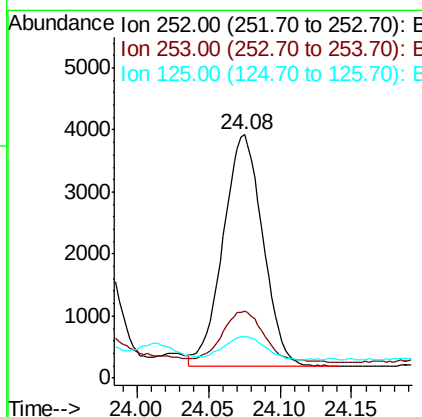
RT: 24.08 min Scan# 6139

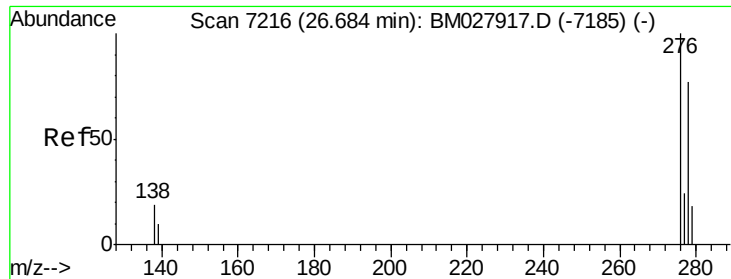
Delta R.T. 0.00 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Tgt Ion:	252	Resp:	7231
Ion Ratio	Lower	Upper	
252	100		
253	27.5	25.2	37.8
125	17.2	13.8	20.6





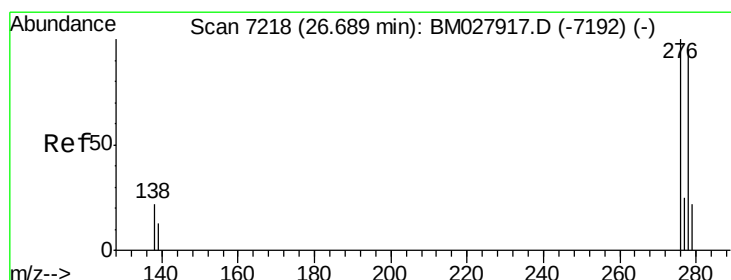
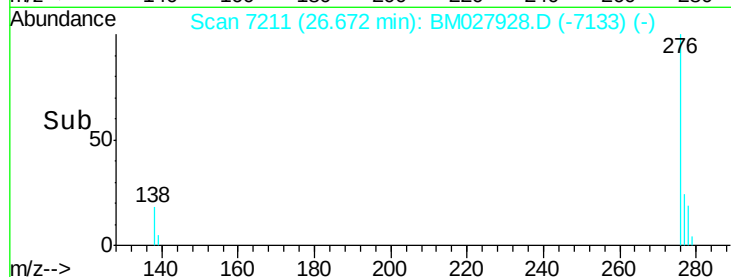
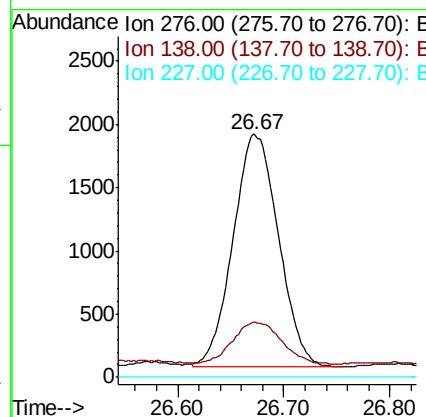
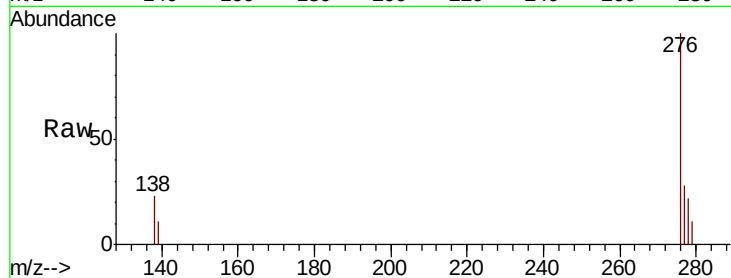
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.494 ng/ul
 RT: 26.67 min Scan# 7211
 Delta R.T. -0.01 min
 Lab File: BM027928.D
 Acq: 24 Nov 2020 00:03

Instrument :
 BNA_M
 ClientSampleId :
 C0BF3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.7	23.5
227	0.0	0.0	0.0

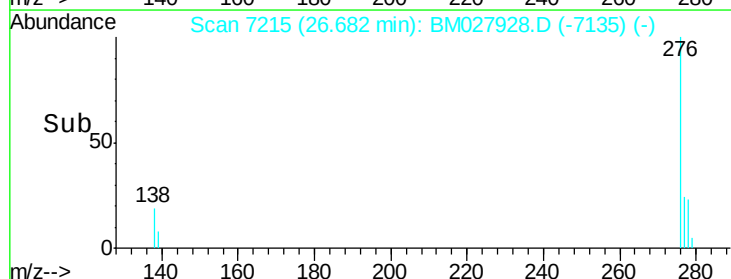
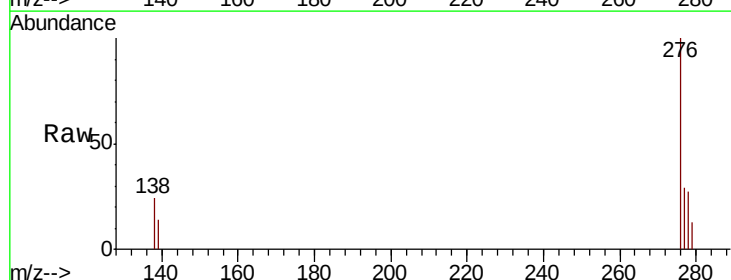
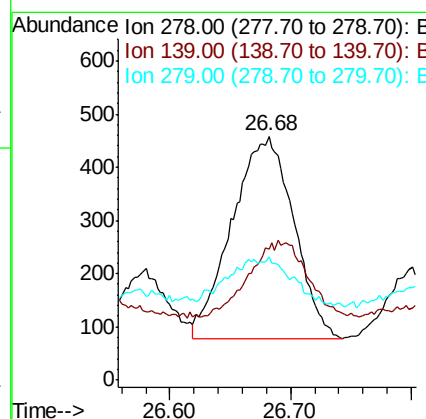
Manual Integrations
 APPROVED

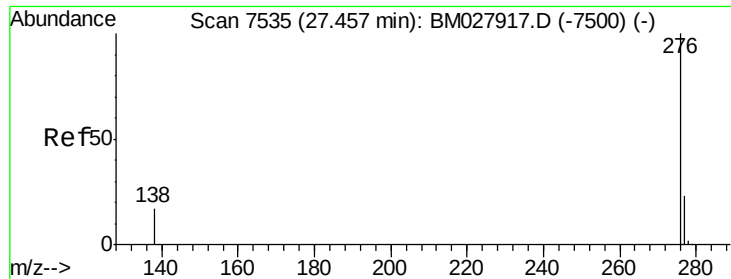
mohammad
 11/25/2020 12:45:30 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.150 ng/ul
 RT: 26.68 min Scan# 7215
 Delta R.T. -0.01 min
 Lab File: BM027928.D
 Acq: 24 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.9	14.8	22.2#
279	50.4	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 0.572 ng/ul

RT: 27.45 min Scan# 7530

Delta R.T. -0.01 min

Lab File: BM027928.D

Acq: 24 Nov 2020 00:03

Instrument :

BNA_M

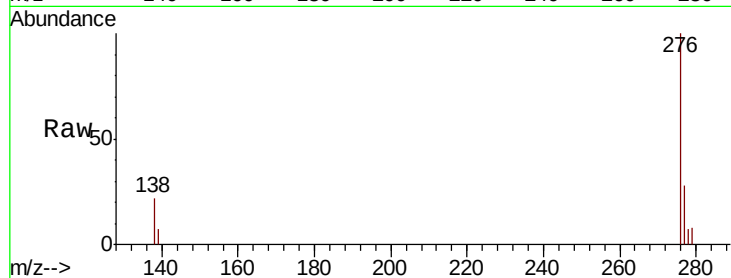
ClientSampleId :

C0BF3DL

Tot Ion:	276	Resp:	5229
Ion Ratio	Lower	Upper	
276	100		
138	21.7	17.4	26.2
277	28.0	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:30 PM



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

