

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027633.D
 Acq On : 06 Oct 2020 12:04
 Operator : JU/CG
 Sample : L4166-11DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4DL

Manual Integrations
 APPROVED

mohammad
 10/6/2020 3:24:49 PM

Quant Time: Oct 06 12:39:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 10:43:07 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	1510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.577	136	4312	0.40	ng/ul	# 0.00
6) Acenaphthene-d10	14.425	164	3050	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.166	188	7844	0.40	ng/ul	# 0.00
16) Chrysene-d12	21.343	240	8398	0.40	ng/ul	0.00
20) Perylene-d12	23.605	264	8623	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.164	152	229	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	720	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.626	128	893	0.07	ng/ul#	83
5) 2-Methylnaphthalene	12.241	142	213	0.02	ng/ul	97
7) Acenaphthylene	14.144	152	412	0.03	ng/ul#	65
8) Acenaphthene	14.486	153	4651	0.42	ng/ul	97
9) Fluorene	15.471	166	2541	0.19	ng/ul#	94
12) Phenanthrene	17.204	178	6570	0.27	ng/ul	98
13) Anthracene	17.294	178	10185	0.43	ng/ul	100
15) Fluoranthene	19.218	202	27735	0.95	ng/ul	97
17) Pyrene	19.584	202	20410	0.53	ng/ul#	96
18) Benzo(a)anthracene	21.328	228	9320	0.28	ng/ul	97
19) Chrysene	21.379	228	13342	0.39	ng/ul	99
21) Benzo(b)fluoranthene	22.927	252	10228m	0.29	ng/ul	
22) Benzo(k)fluoranthene	22.968	252	4593m	0.13	ng/ul	
23) Benzo(a)pyrene	23.503	252	6199	0.20	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.880	276	3518	0.09	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.887	278	1143	0.03	ng/ul#	30
26) Benzo(g,h,i)perylene	26.575	276	2928	0.09	ng/ul#	86

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

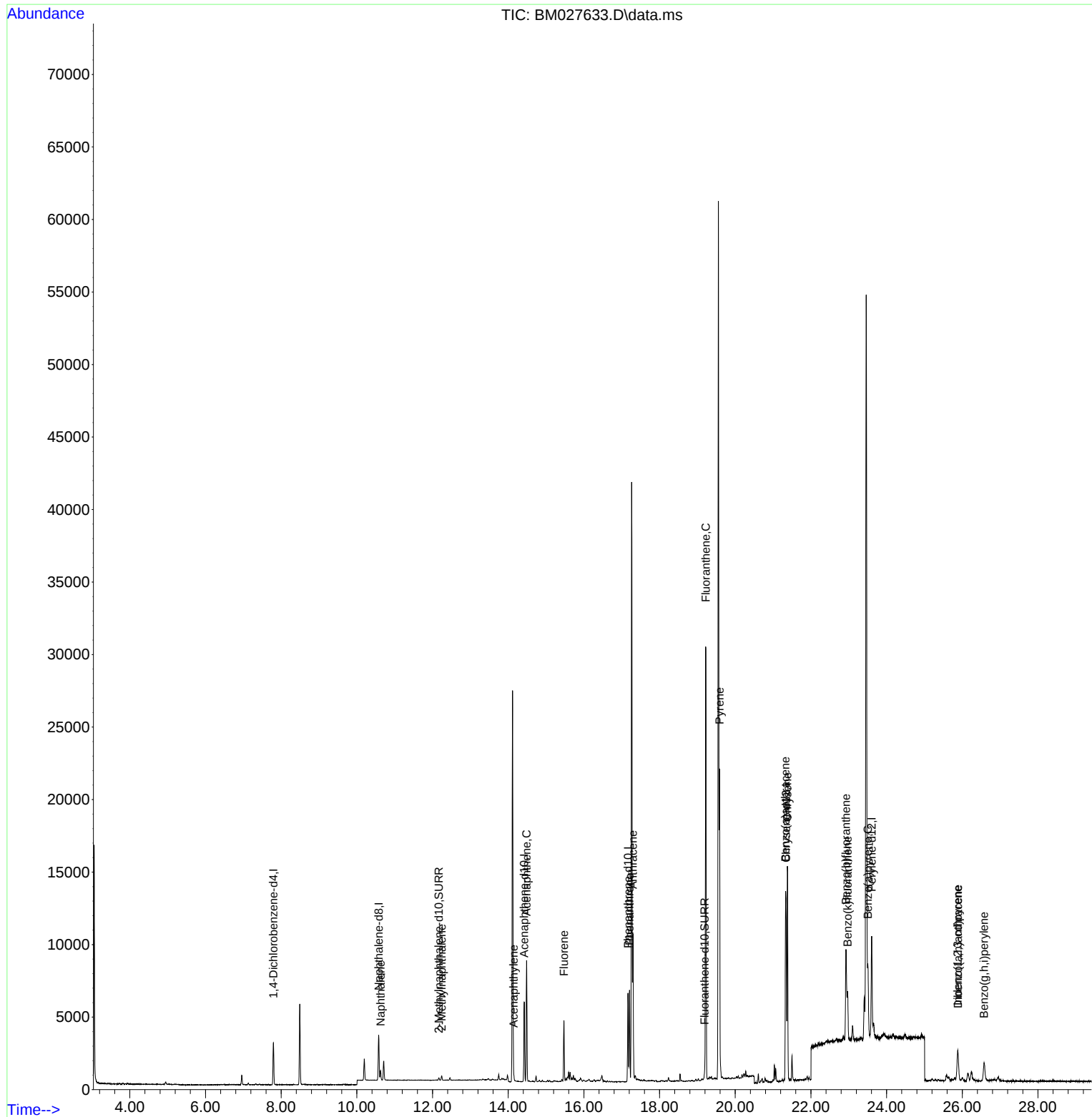
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027633.D
Acq On : 06 Oct 2020 12:04
Operator : JU/CG
Sample : L4166-11DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

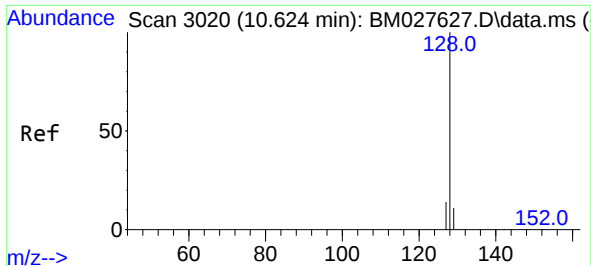
Instrument :
BNA_M
ClientSampleId :
C0AE4DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:49 PM

Quant Time: Oct 06 12:39:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration





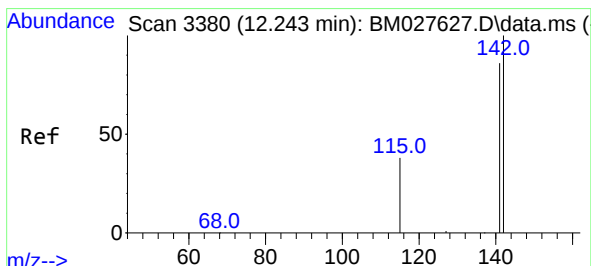
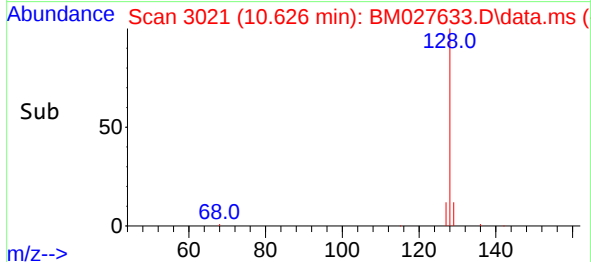
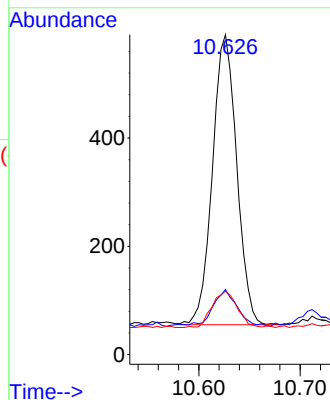
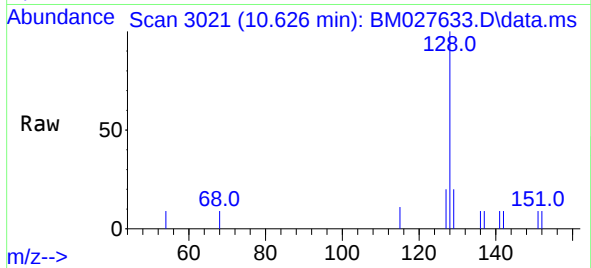
#3
Naphthalene
Concen: 0.07 ng/ul
RT: 10.626 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:	128	Resp:	893
Ion	Ratio	Lower	Upper
128	100		
129	20.3	9.9	14.9#
127	19.8	11.4	17.2#

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

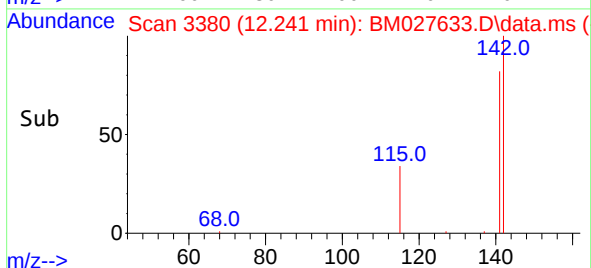
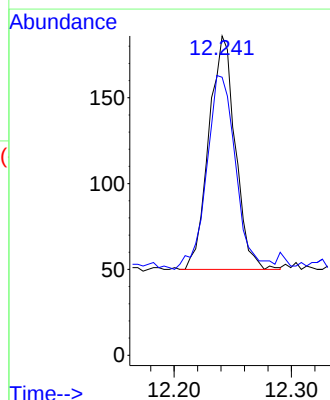
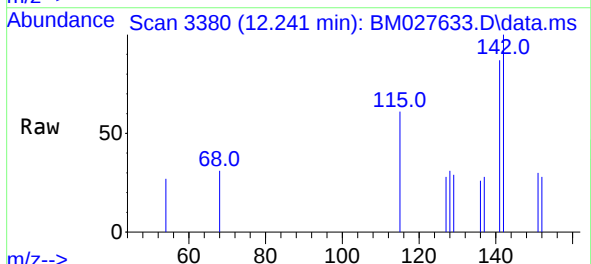
Manual Integrations
APPROVED

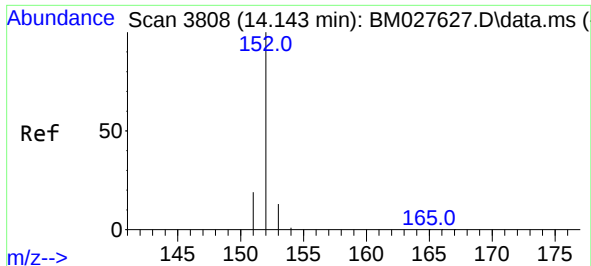
mohammad
10/6/2020 3:24:49 PM



#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.241 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:	142	Resp:	213
Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.9	106.3





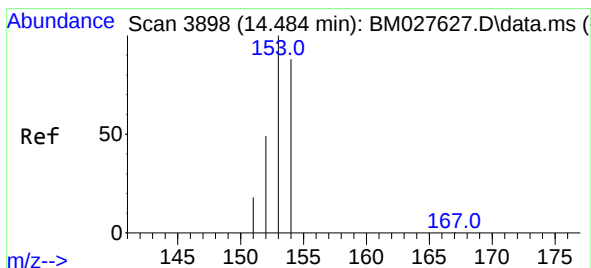
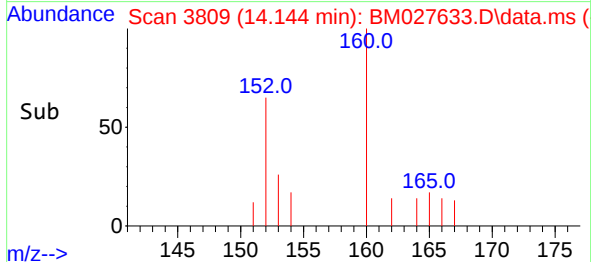
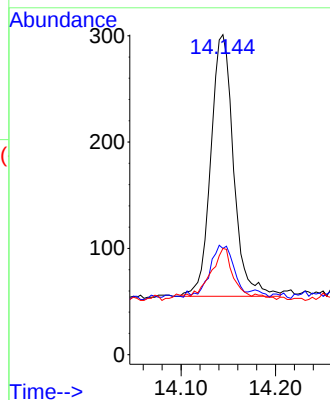
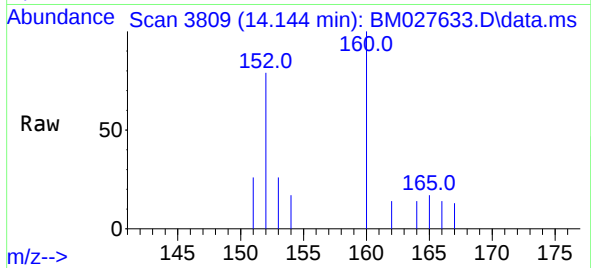
#7
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.144 min Scan# 3809
Delta R.T. 0.000 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:	152	Resp:	412
Ion Ratio	Lower	Upper	
152	100		
151	33.2	16.6	24.8#
153	33.2	11.4	17.0#

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

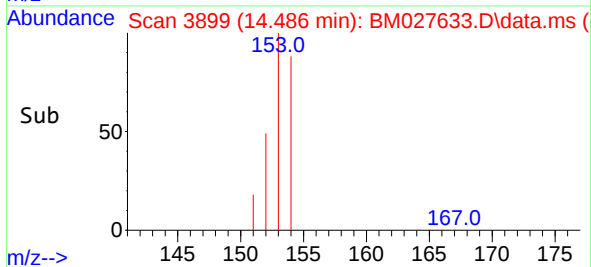
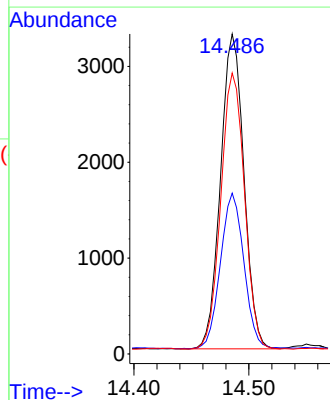
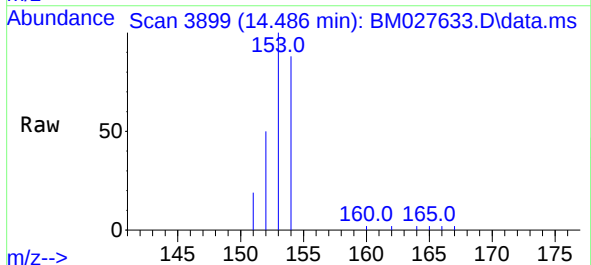
Manual Integrations
APPROVED

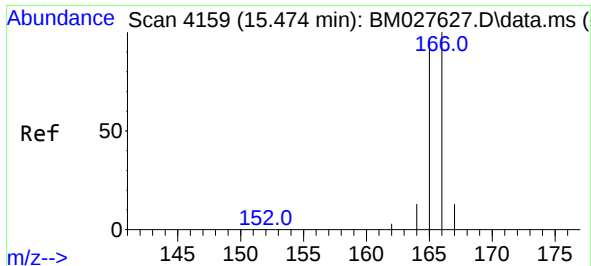
mohammad
10/6/2020 3:24:49 PM



#8
Acenaphthene
Concen: 0.42 ng/ul
RT: 14.486 min Scan# 3899
Delta R.T. 0.000 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

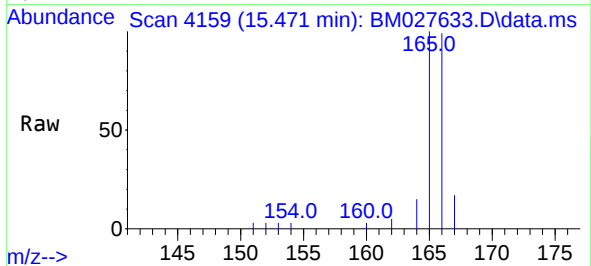
Tgt Ion:	153	Resp:	4651
Ion Ratio	Lower	Upper	
153	100		
152	50.2	42.8	64.2
154	87.8	69.0	103.6





#9
Fluorene
Concen: 0.19 ng/ul
RT: 15.471 min Scan# 4159
Delta R.T. -0.004 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

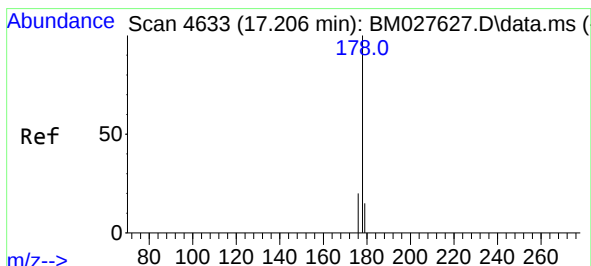
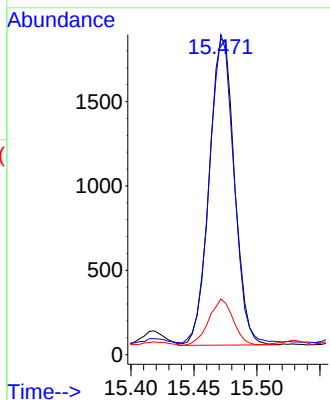
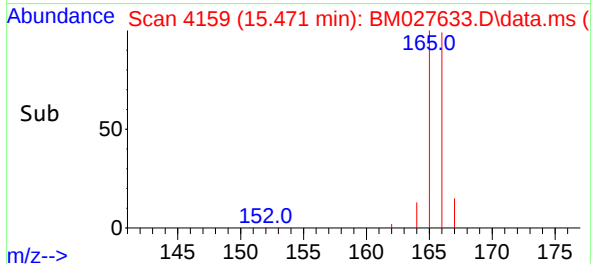
Instrument :
BNA_M
ClientSampleID :
C0AE4DL



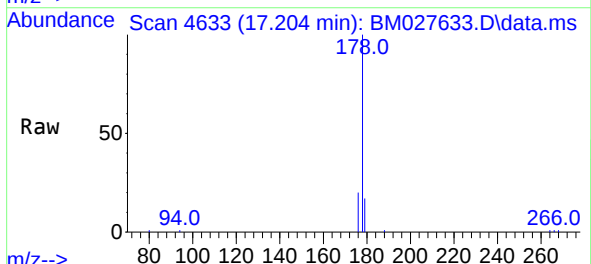
Tgt Ion:	166	Resp:	2541
Ion	Ratio	Lower	Upper
166	100		
165	101.4	77.2	115.8
167	17.6	11.1	16.7#

Manual Integrations
APPROVED

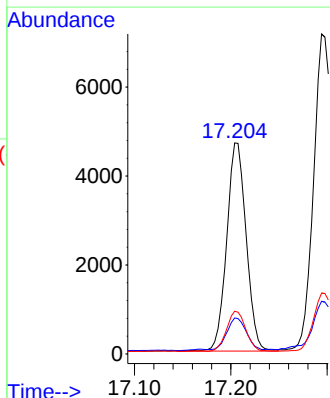
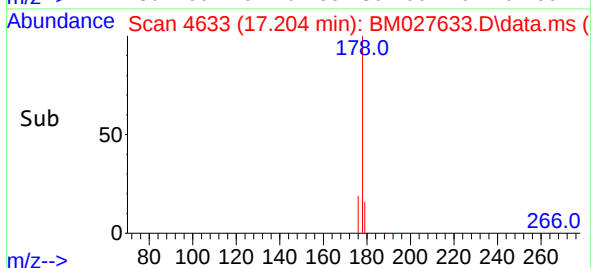
mohammad
10/6/2020 3:24:49 PM

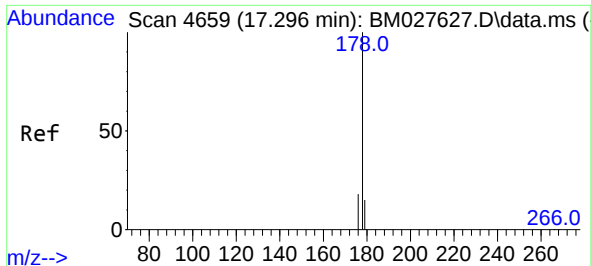


#12
Phenanthrene
Concen: 0.27 ng/ul
RT: 17.204 min Scan# 4633
Delta R.T. -0.003 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04



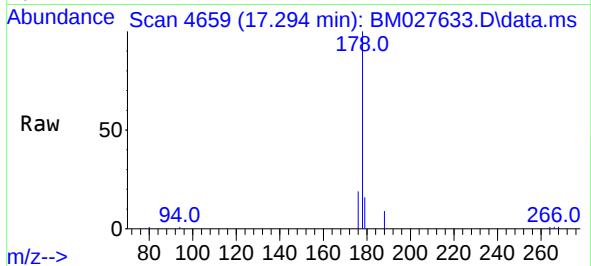
Tgt Ion:	178	Resp:	6570
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	20.2	15.3	22.9





#13
 Anthracene
 Concen: 0.43 ng/ul
 RT: 17.294 min Scan# 4659
 Delta R.T. -0.003 min
 Lab File: BM027633.D
 Acq: 06 Oct 2020 12:04

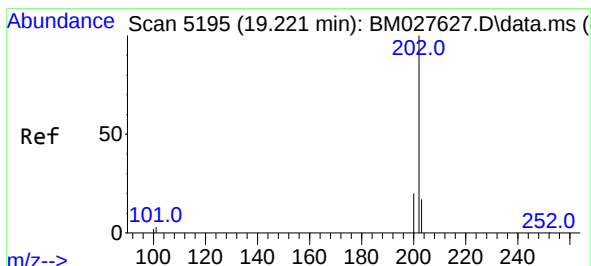
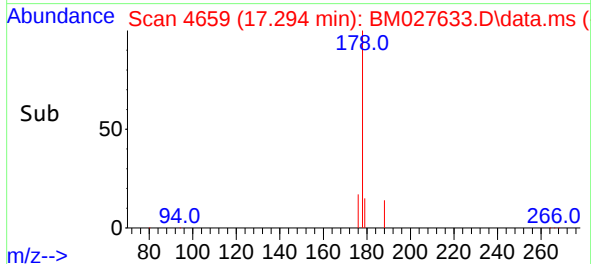
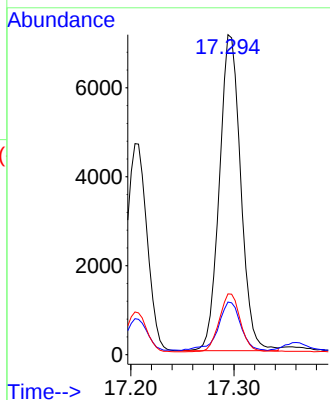
Instrument :
 BNA_M
 ClientSampleID :
 C0AE4DL



Tgt Ion:	178	Resp:	10185
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.0	19.4
176	19.0	15.2	22.8

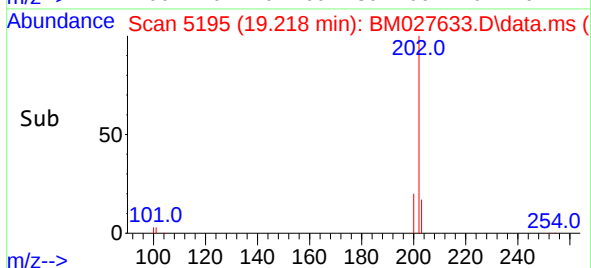
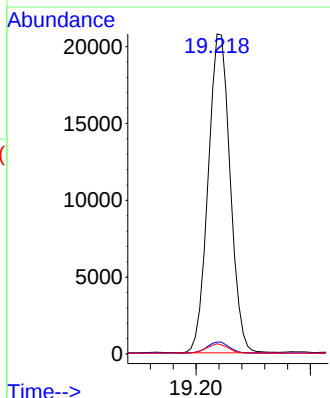
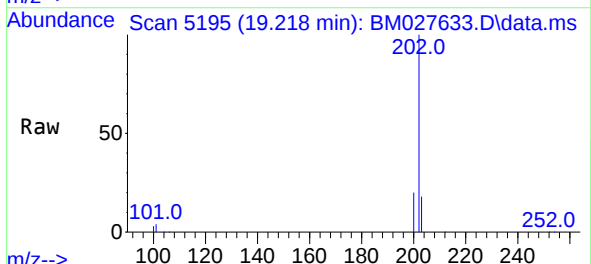
Manual Integrations
 APPROVED

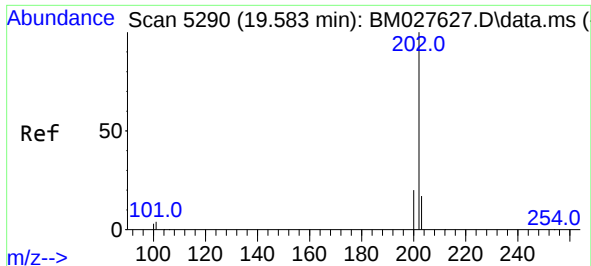
mohammad
 10/6/2020 3:24:49 PM



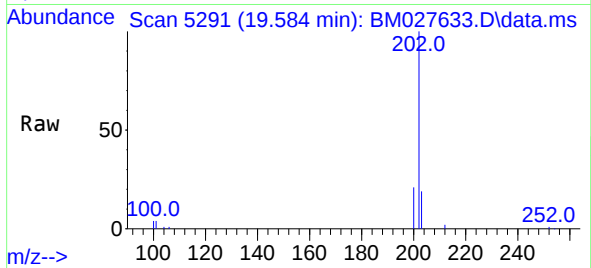
#15
 Fluoranthene
 Concen: 0.95 ng/ul
 RT: 19.218 min Scan# 5195
 Delta R.T. -0.004 min
 Lab File: BM027633.D
 Acq: 06 Oct 2020 12:04

Tgt Ion:	202	Resp:	27735
Ion Ratio	Lower	Upper	
202	100		
101	3.7	0.0	24.9
100	3.2	0.0	24.1

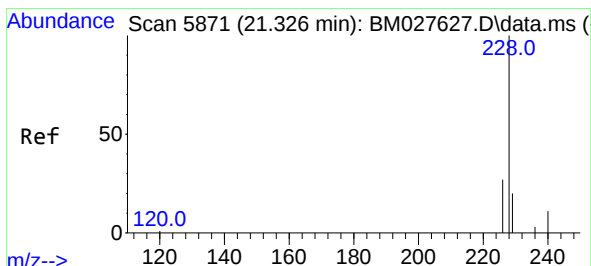
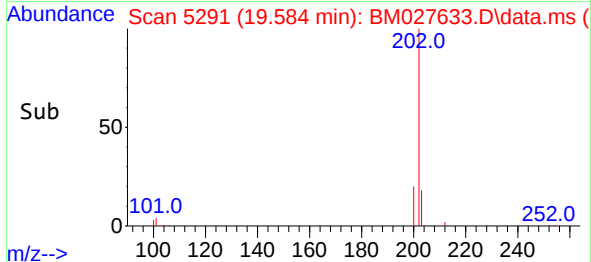
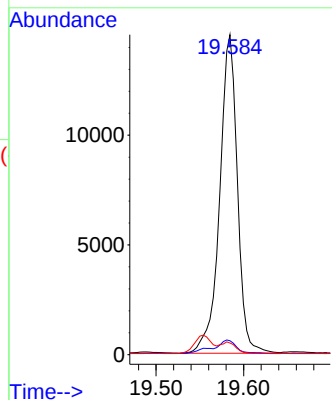




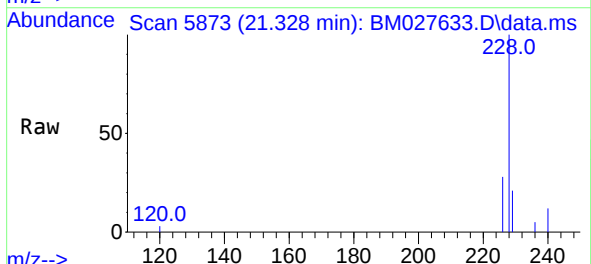
#17
Pyrene
Concen: 0.53 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. 0.000 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04



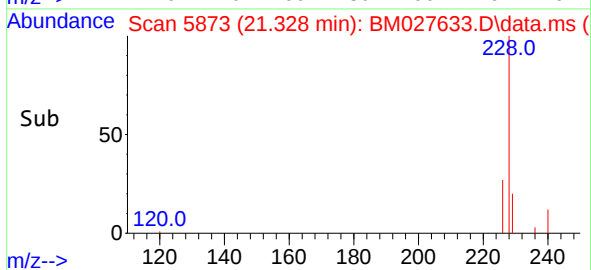
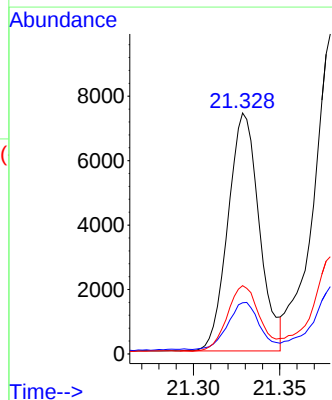
Tgt Ion:202 Resp: 20410
Ion Ratio Lower Upper
202 100
101 4.4 4.7 7.1#
100 3.6 3.9 5.9#



#18
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.328 min Scan# 5873
Delta R.T. -0.002 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04



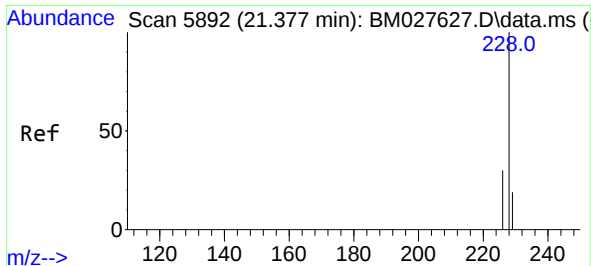
Tgt Ion:228 Resp: 9320
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.3 21.8 32.8



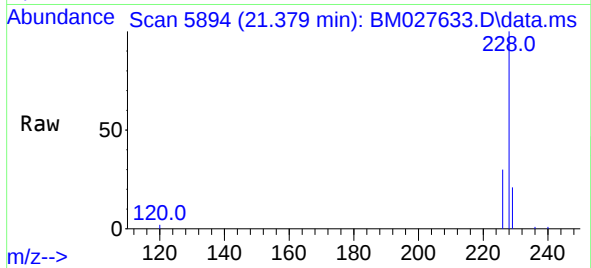
Instrument :
BNA_M
ClientSampleId :
C0AE4DL

Manual Integrations
APPROVED

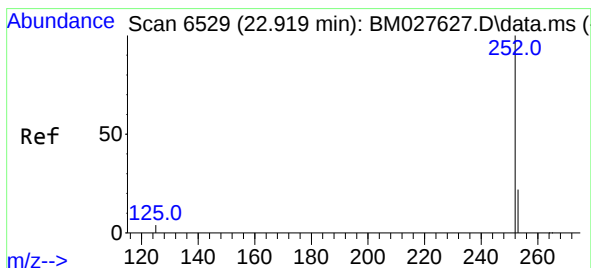
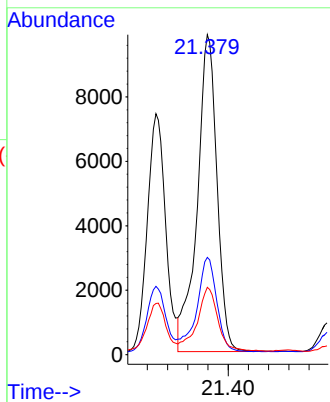
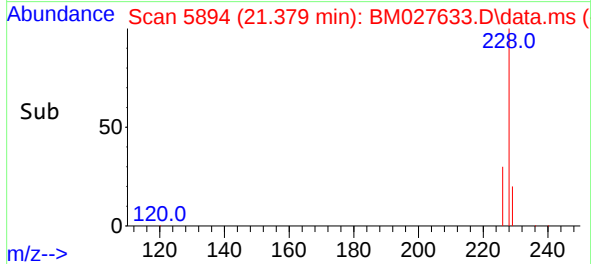
mohammad
10/6/2020 3:24:49 PM



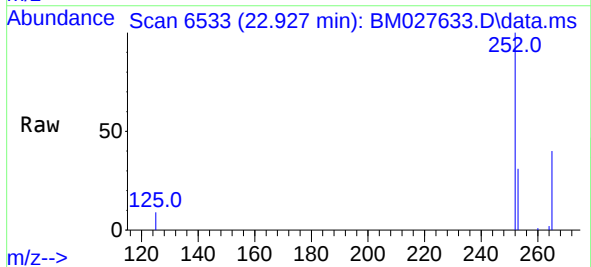
#19
Chrysene
Concen: 0.39 ng/u1
RT: 21.379 min Scan# 5894
Delta R.T. -0.002 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04



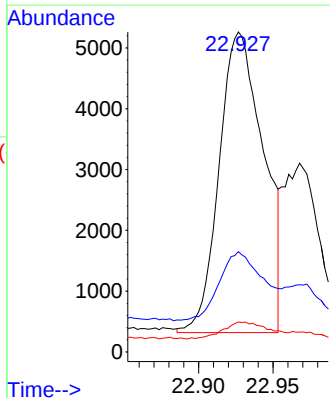
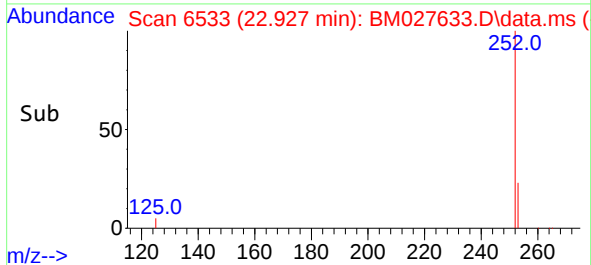
Tgt Ion:228 Resp: 13342
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 21.0 15.8 23.8



#21
Benzo(b)fluoranthene
Concen: 0.29 ng/u1 m
RT: 22.927 min Scan# 6533
Delta R.T. 0.000 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04



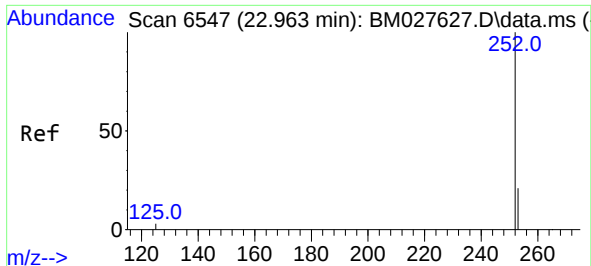
Tgt Ion:252 Resp: 10228
Ion Ratio Lower Upper
252 100
253 31.3 0.0 48.2
125 9.4 0.0 10.6



Instrument :
BNA_M
ClientSampled :
C0AE4DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:49 PM



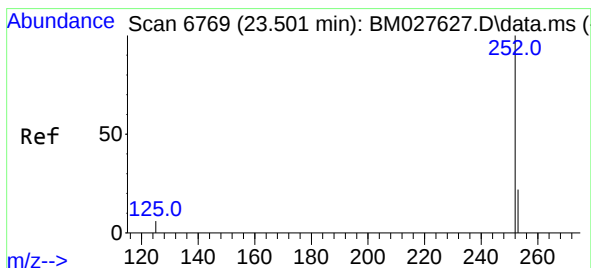
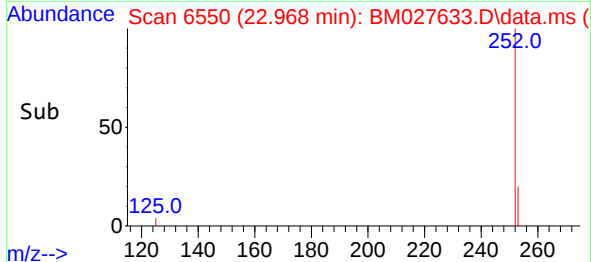
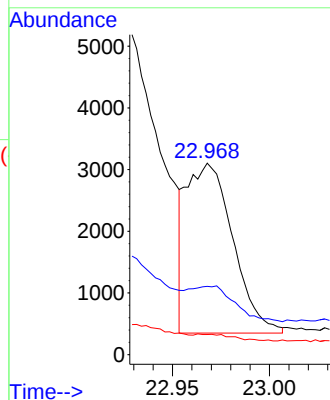
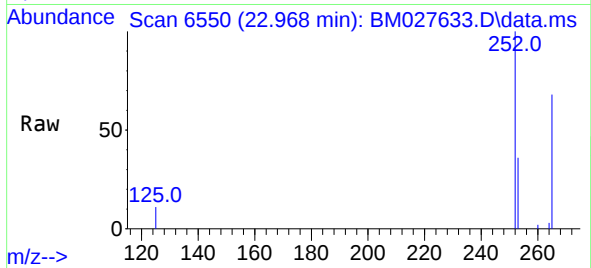
#22
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.968 min Scan# 6550
Delta R.T. -0.005 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:252	Resp:	4593
Ion Ratio	Lower	Upper
252	100	
253	35.6	19.1 28.7#
125	10.5	5.0 7.4#

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

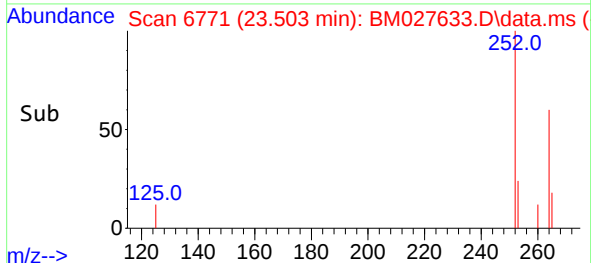
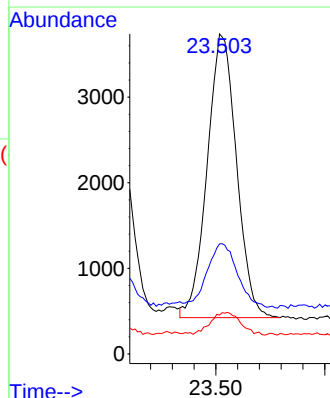
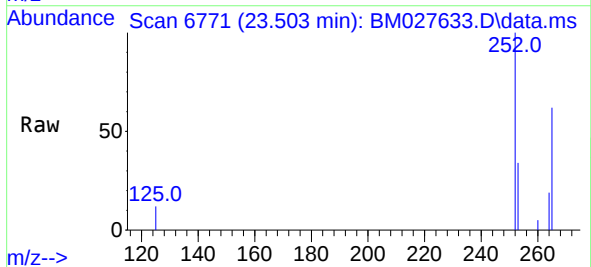
Manual Integrations
APPROVED

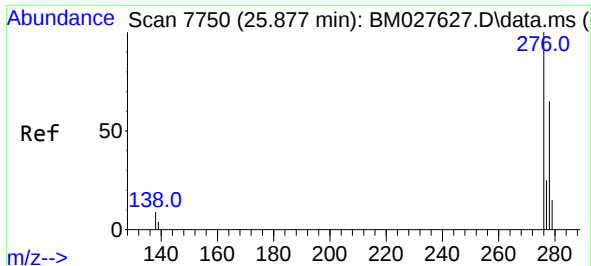
mohammad
10/6/2020 3:24:49 PM



#23
Benzo(a)pyrene
Concen: 0.20 ng/ul
RT: 23.503 min Scan# 6771
Delta R.T. -0.005 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:252	Resp:	6199
Ion Ratio	Lower	Upper
252	100	
253	34.4	19.6 29.4#
125	12.2	5.0 7.6#





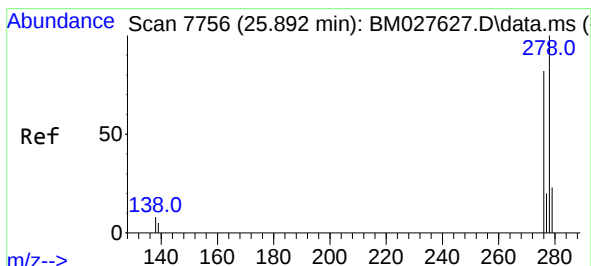
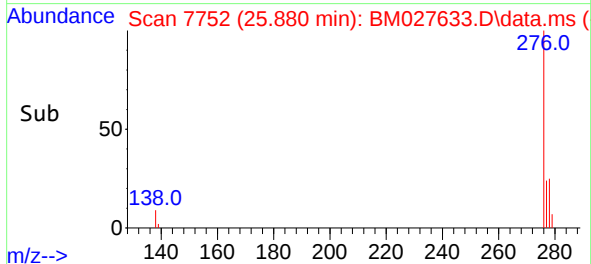
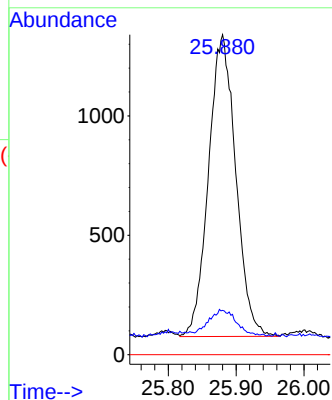
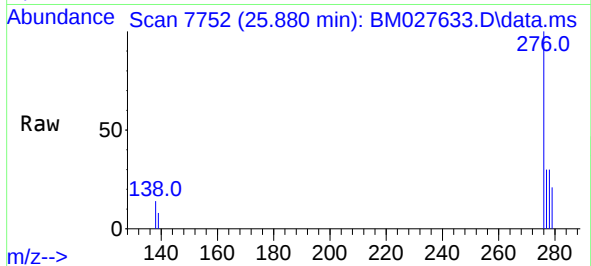
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul
RT: 25.880 min Scan# 7752
Delta R.T. -0.007 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:	276	Resp:	3518
Ion Ratio	Lower	Upper	
276	100		
138	9.0	8.6	12.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

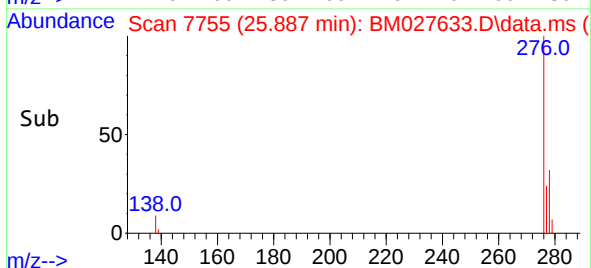
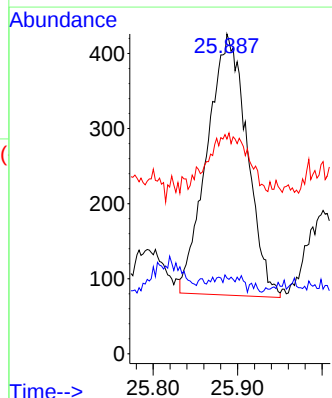
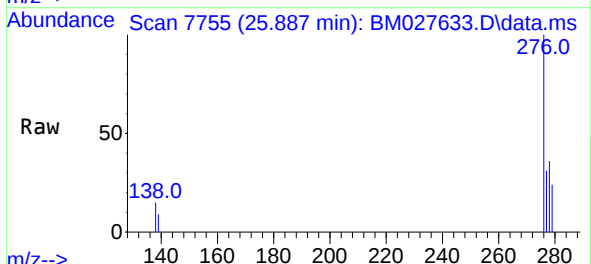
Manual Integrations
APPROVED

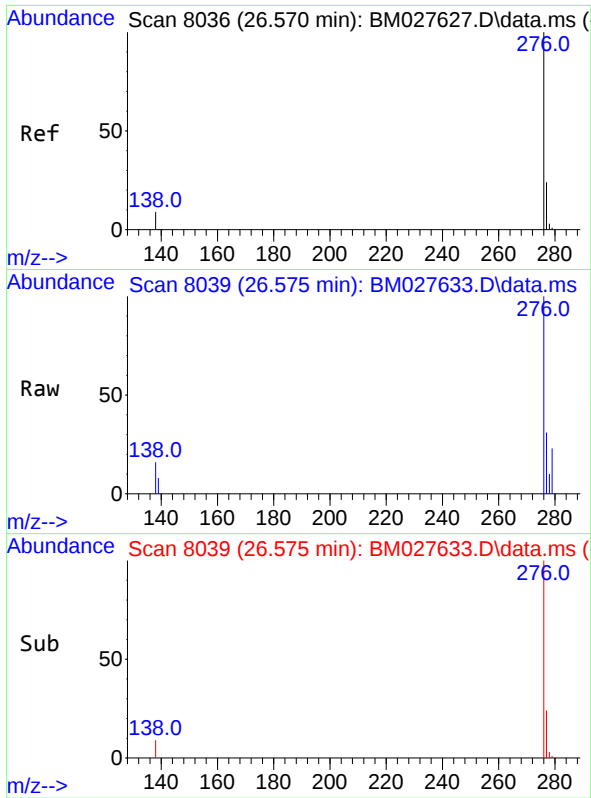
mohammad
10/6/2020 3:24:49 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.887 min Scan# 7755
Delta R.T. -0.014 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

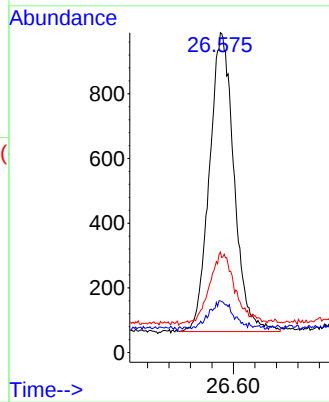
Tgt Ion:	278	Resp:	1143
Ion Ratio	Lower	Upper	
278	100		
139	23.7	7.6	11.4#
279	67.1	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.575 min Scan# 8039
Delta R.T. -0.007 min
Lab File: BM027633.D
Acq: 06 Oct 2020 12:04

Tgt Ion:276 Resp: 2928
Ion Ratio Lower Upper
276 100
138 16.2 9.0 13.4#
277 31.4 19.4 29.0#



Instrument :
BNA_M
ClientSampleId :
C0AE4DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:49 PM