

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027610.D
 Acq On : 05 Oct 2020 17:19
 Operator : JU/CG
 Sample : L4166-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4DL

Manual Integrations
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mohammad
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Quant Time: Oct 05 17:49:33 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 15:37:55 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1265	0.40	ng/ul	0.00
2) Naphthalene-d8	10.579	136	3672	0.40	ng/ul	# 0.00
6) Acenaphthene-d10	14.427	164	2459	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.168	188	6019	0.40	ng/ul	0.00
16) Chrysene-d12	21.348	240	6368	0.40	ng/ul	0.00
20) Perylene-d12	23.607	264	6645	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.171	152	173	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.194	212	495	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.628	128	691	0.06	ng/ul#	79
5) 2-Methylnaphthalene	12.248	142	168	0.02	ng/ul	91
7) Acenaphthylene	14.146	152	288	0.02	ng/ul#	57
8) Acenaphthene	14.488	153	3368	0.38	ng/ul	97
9) Fluorene	15.474	166	1805	0.16	ng/ul#	97
12) Phenanthrene	17.209	178	4659	0.25	ng/ul	98
13) Anthracene	17.300	178	7194	0.40	ng/ul	100
15) Fluoranthene	19.224	202	18888	0.85	ng/ul	96
17) Pyrene	19.587	202	13973	0.48	ng/ul#	97
18) Benzo(a)anthracene	21.333	228	6303	0.25	ng/ul	99
19) Chrysene	21.381	228	9224	0.36	ng/ul	99
21) Benzo(b)fluoranthene	22.931	252	7063m	0.26	ng/ul	
22) Benzo(k)fluoranthene	22.970	252	3324m	0.12	ng/ul	
23) Benzo(a)pyrene	23.508	252	4403	0.18	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.885	276	2485	0.08	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.902	278	806	0.03	ng/ul#	15
26) Benzo(g,h,i)perylene	26.582	276	2091	0.08	ng/ul#	81

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

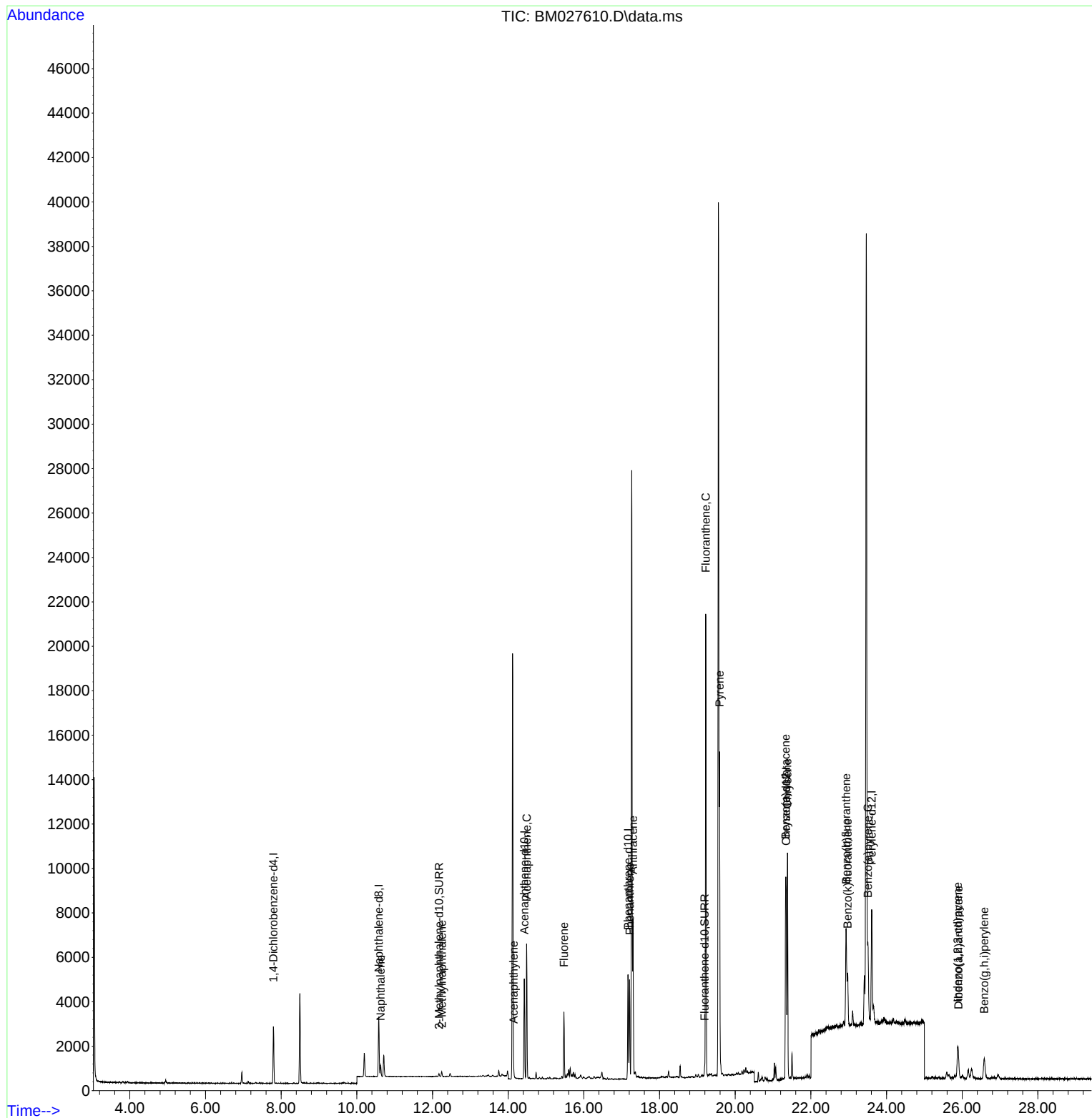
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Data File : BM027610.D
Acq On : 05 Oct 2020 17:19
Operator : JU/CG
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Misc :
ALS Vial : 14 Sample Multiplier: 1

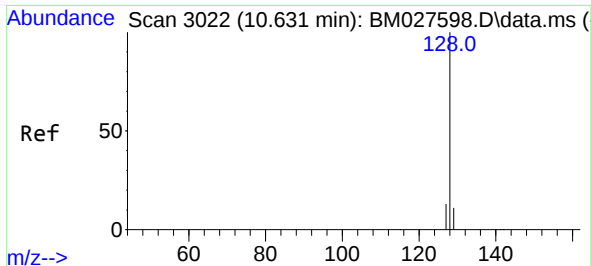
Instrument :
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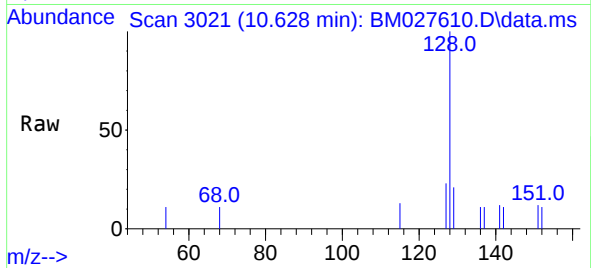
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Quant Time: Oct 05 17:49:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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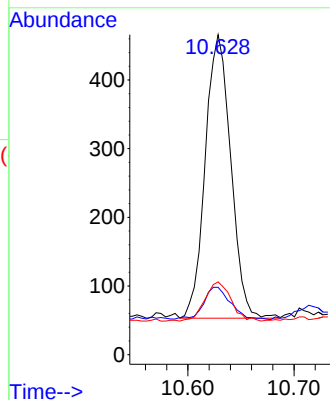
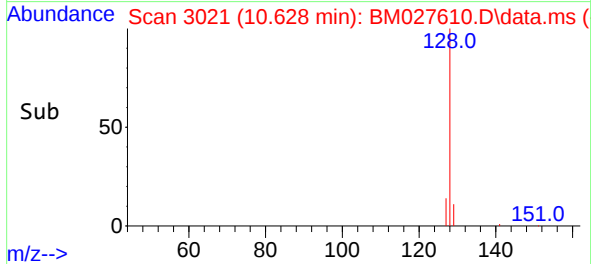




#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19



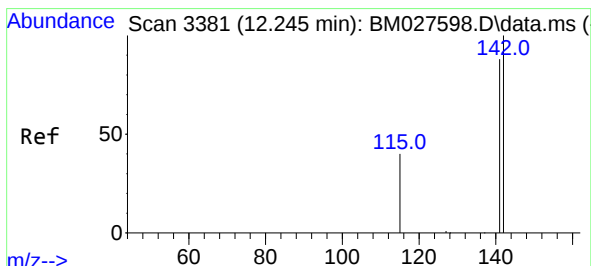
Tgt Ion:128 Resp: 691
Ion Ratio Lower Upper
128 100
129 21.0 9.9 14.9#
127 22.7 11.4 17.2#



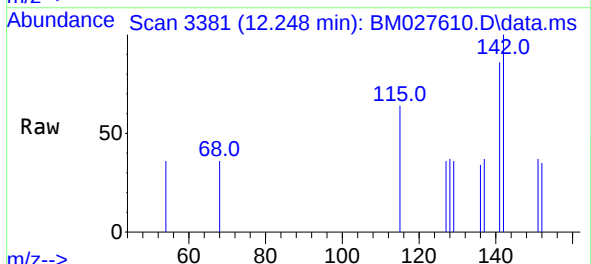
Instrument :
BNA_M
ClientSampleId :
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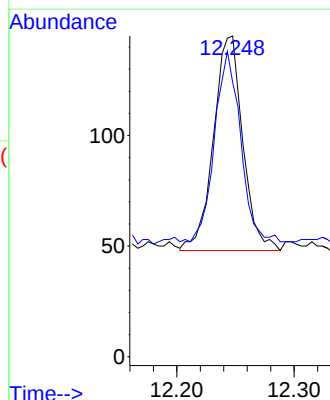
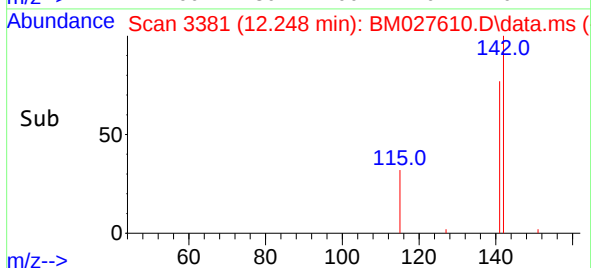
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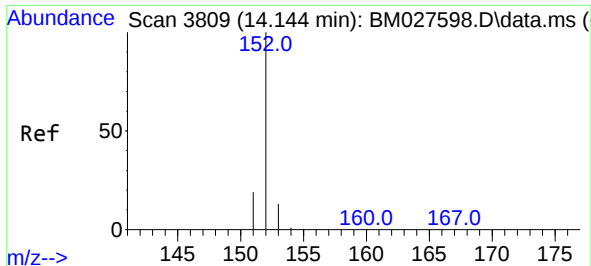


#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.248 min Scan# 3381
Delta R.T. 0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19



Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
141 79.8 70.9 106.3





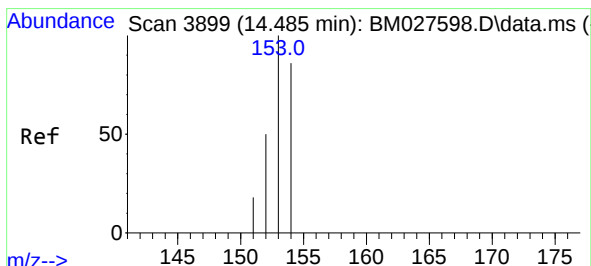
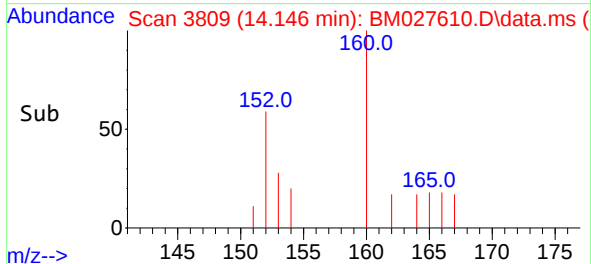
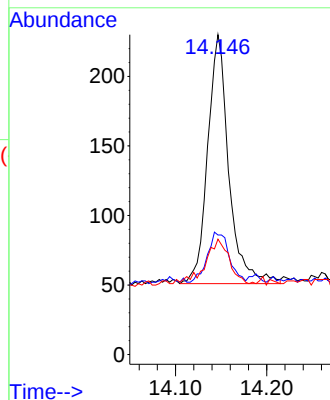
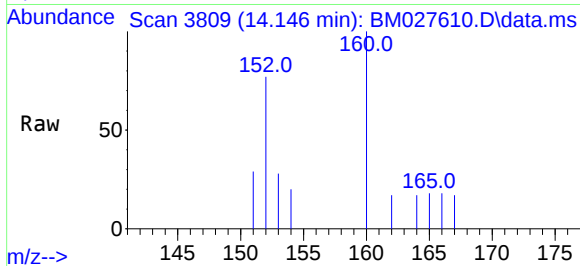
#7
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.146 min Scan# 3809
Delta R.T. 0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:	152	Resp:	288
Ion Ratio	Lower	Upper	
152	100		
151	37.4	16.6	24.8#
153	36.1	11.4	17.0#

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

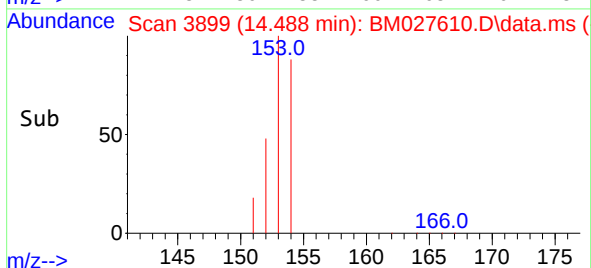
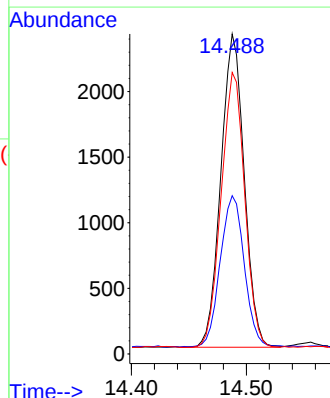
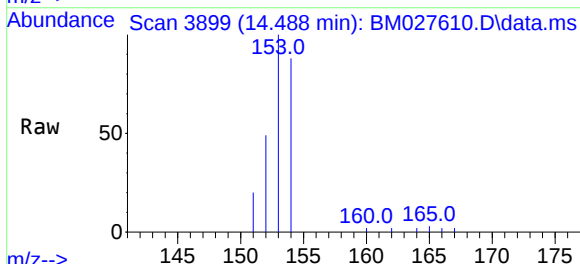
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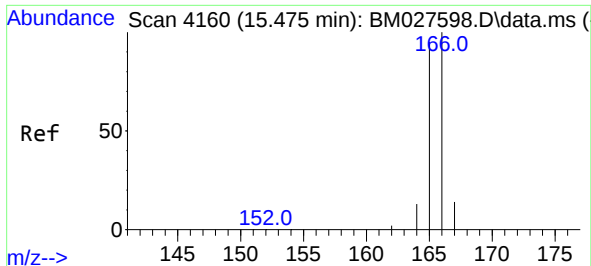
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#8
Acenaphthene
Concen: 0.38 ng/ul
RT: 14.488 min Scan# 3899
Delta R.T. 0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:	153	Resp:	3368
Ion Ratio	Lower	Upper	
153	100		
152	49.4	42.8	64.2
154	87.9	69.0	103.6





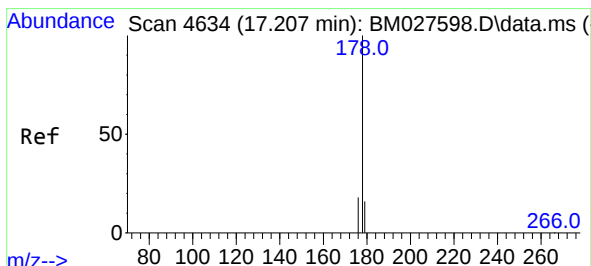
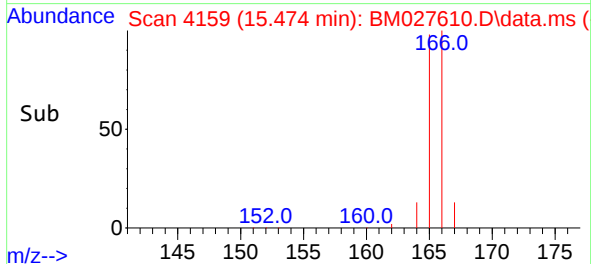
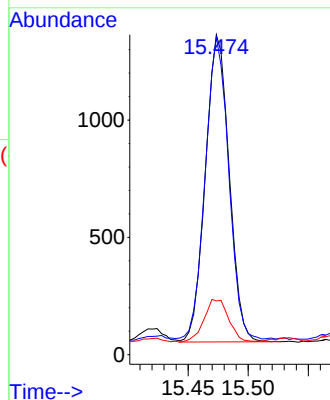
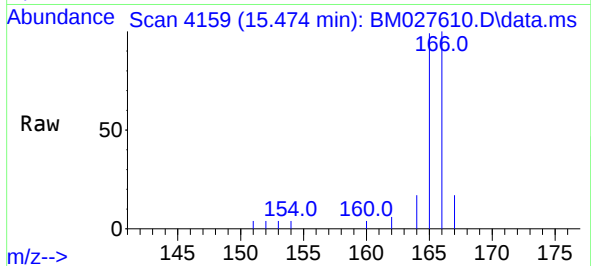
#9
Fluorene
Concen: 0.16 ng/ul
RT: 15.474 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:	166	Resp:	1805
Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.2	115.8
167	16.8	11.1	16.7#

Instrument :
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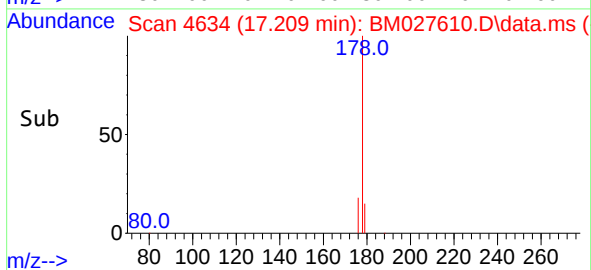
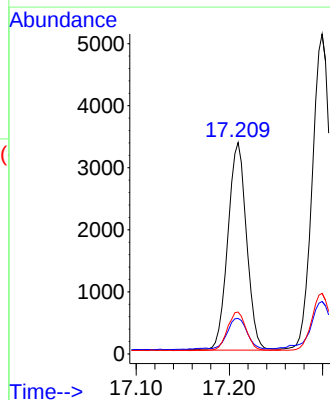
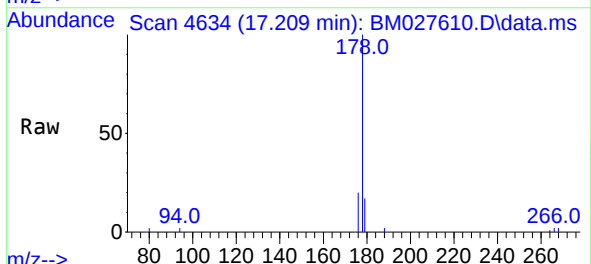
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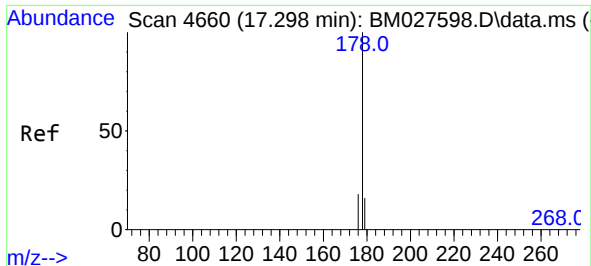
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#12
Phenanthrene
Concen: 0.25 ng/ul
RT: 17.209 min Scan# 4634
Delta R.T. 0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

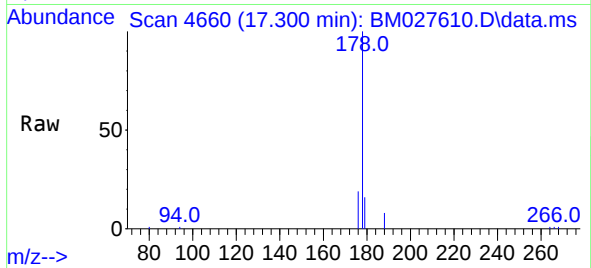
Tgt Ion:	178	Resp:	4659
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	19.8	15.3	22.9





#13
 Anthracene
 Concen: 0.40 ng/ul
 RT: 17.300 min Scan# 4660
 Delta R.T. 0.002 min
 Lab File: BM027610.D
 Acq: 05 Oct 2020 17:19

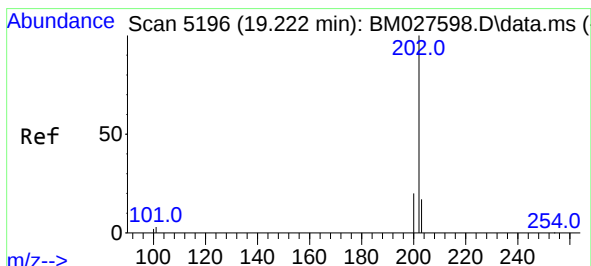
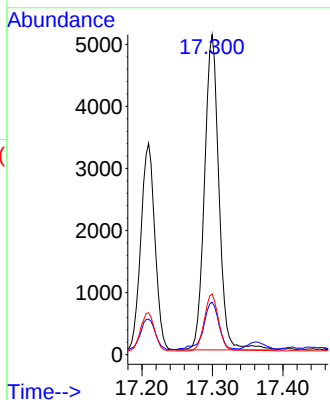
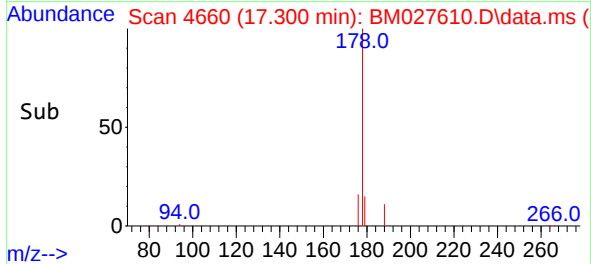
Instrument :
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 ClientSampleId :
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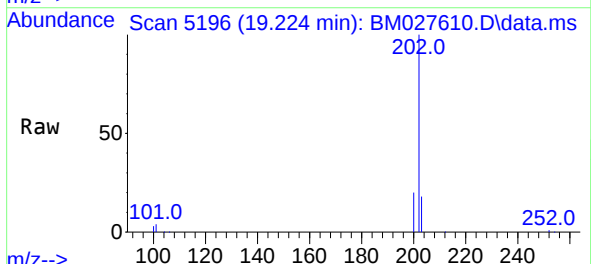
Tgt Ion:178 Resp: 7194
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.0 19.4
 176 18.9 15.2 22.8

Manual Integrations
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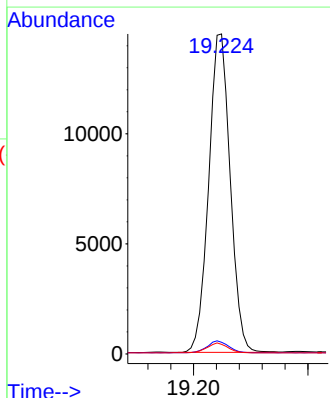
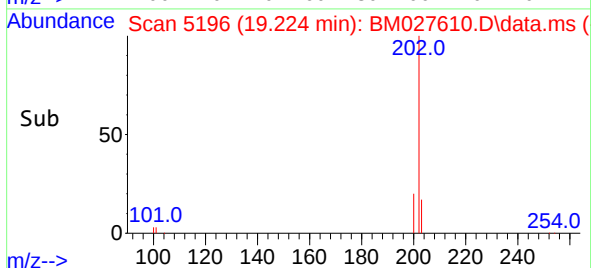
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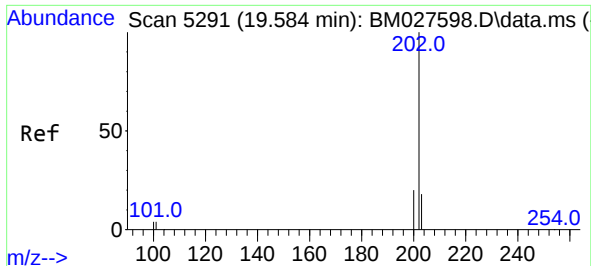


#15
 Fluoranthene
 Concen: 0.85 ng/ul
 RT: 19.224 min Scan# 5196
 Delta R.T. 0.002 min
 Lab File: BM027610.D
 Acq: 05 Oct 2020 17:19



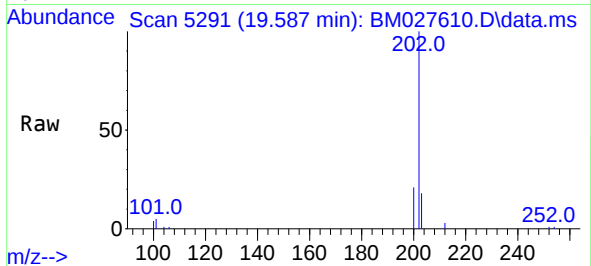
Tgt Ion:202 Resp: 18888
 Ion Ratio Lower Upper
 202 100
 101 3.6 0.0 24.9
 100 3.0 0.0 24.1





#17
Pyrene
Concen: 0.48 ng/ul
RT: 19.587 min Scan# 5291
Delta R.T. 0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

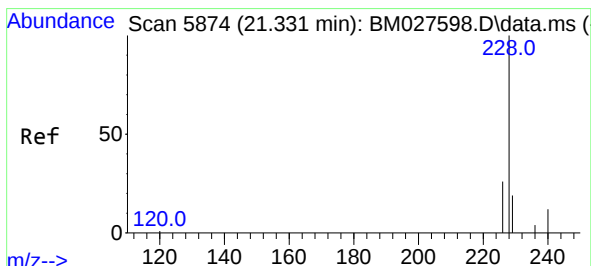
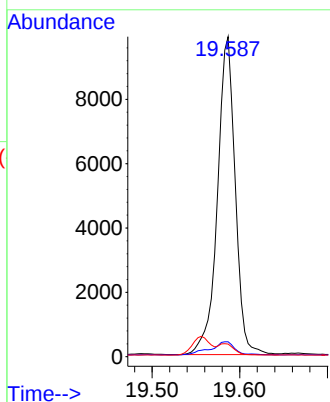
Instrument :
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ClientSampleId :
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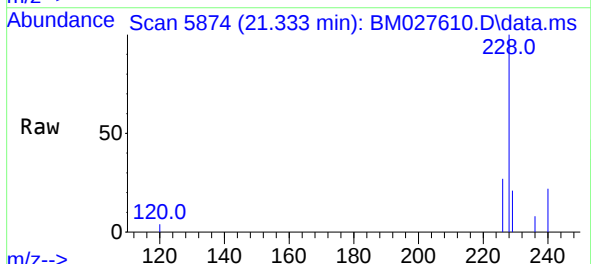
Tgt Ion:202 Resp: 13973
Ion Ratio Lower Upper
202 100
101 4.7 4.7 7.1#
100 4.0 3.9 5.9

Manual Integrations
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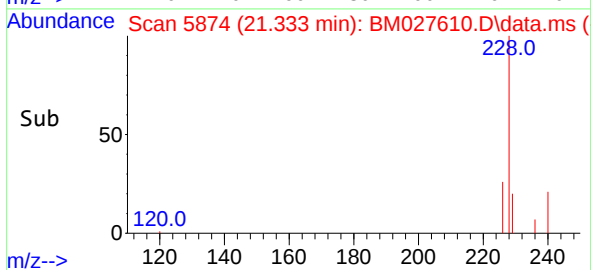
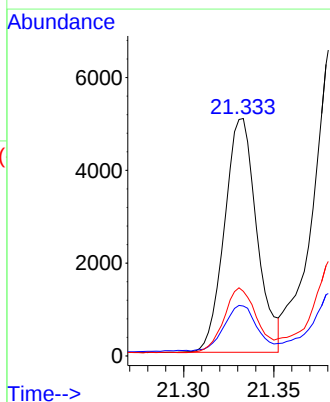
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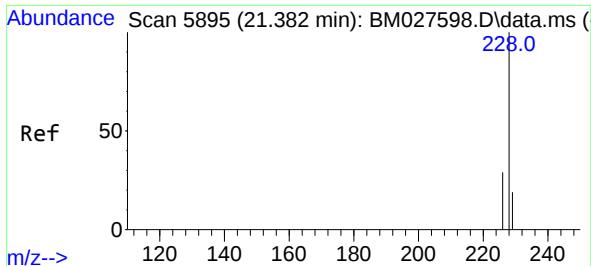


#18
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.333 min Scan# 5874
Delta R.T. 0.002 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19



Tgt Ion:228 Resp: 6303
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 27.2 21.8 32.8





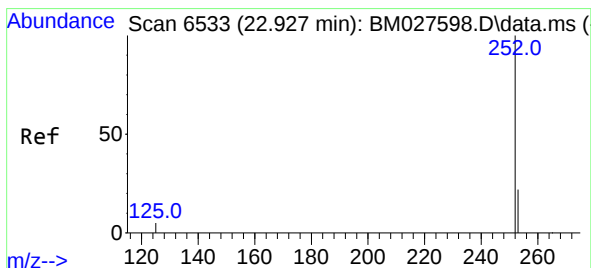
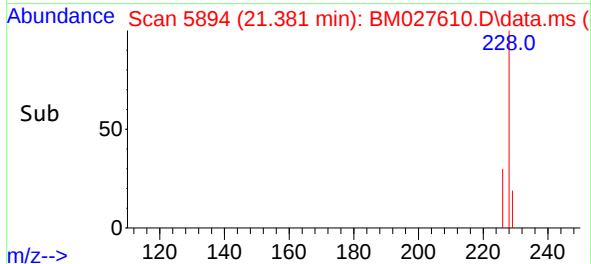
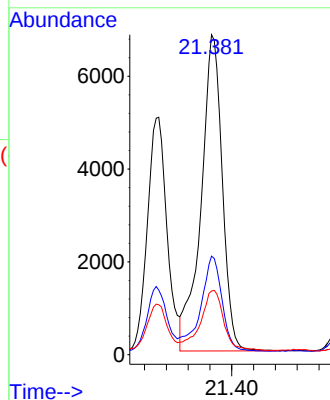
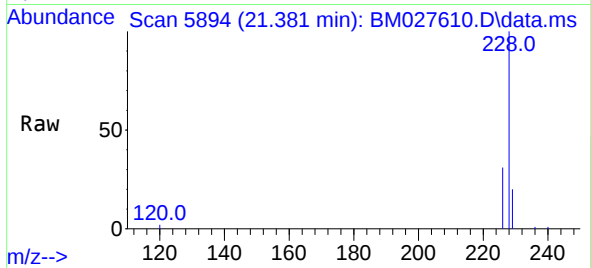
#19
Chrysene
Concen: 0.36 ng/ul
RT: 21.381 min Scan# 5894
Delta R.T. -0.000 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:	228	Resp:	9224
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.9	15.8	23.8

Instrument :
BNA_M
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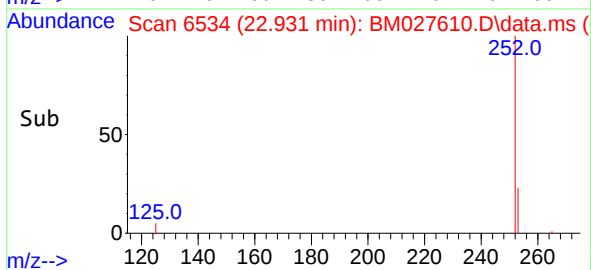
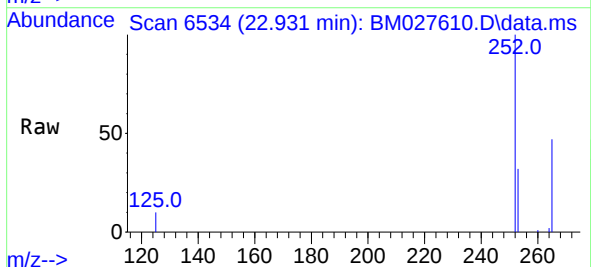
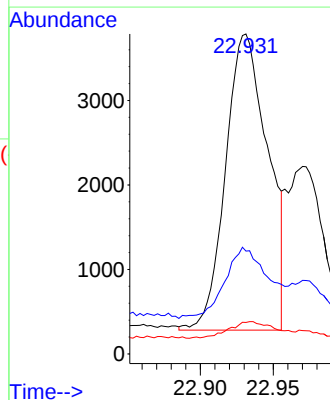
Manual Integrations
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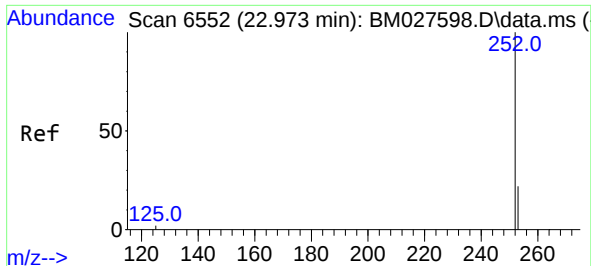
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#21
Benzo(b)fluoranthene
Concen: 0.26 ng/ul m
RT: 22.931 min Scan# 6534
Delta R.T. 0.005 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:	252	Resp:	7063
Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	48.2
125	9.8	0.0	10.6





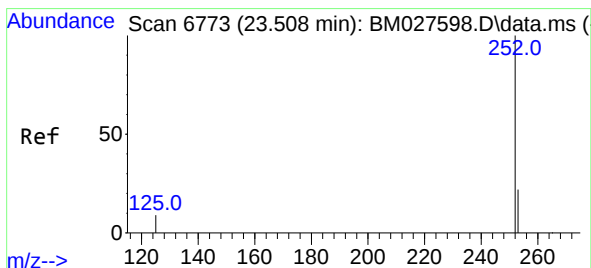
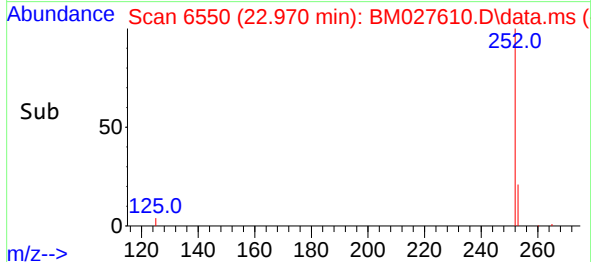
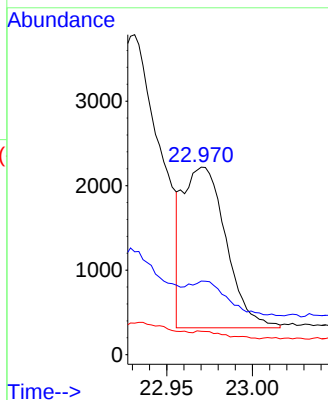
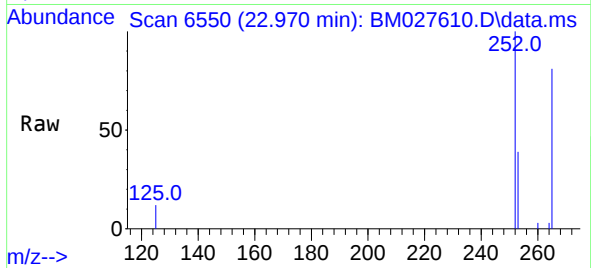
#22
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 22.970 min Scan# 6550
Delta R.T. -0.003 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:252 Resp: 3324
Ion Ratio Lower Upper
252 100
253 39.2 19.1 28.7#
125 12.4 5.0 7.4#

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

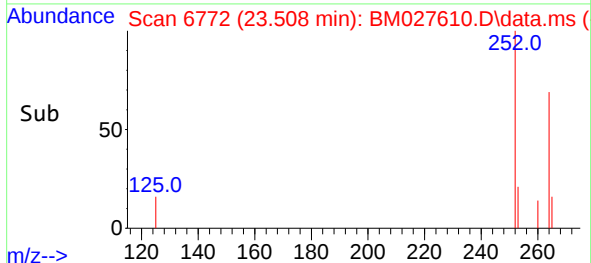
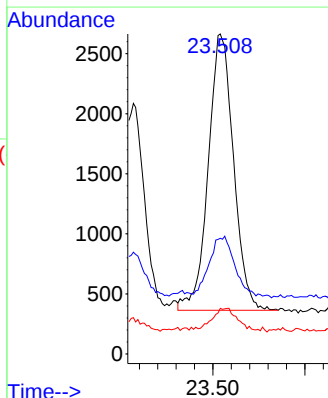
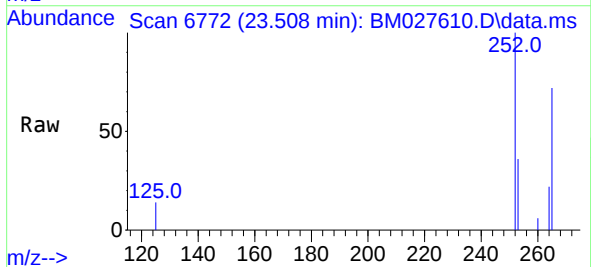
Manual Integrations
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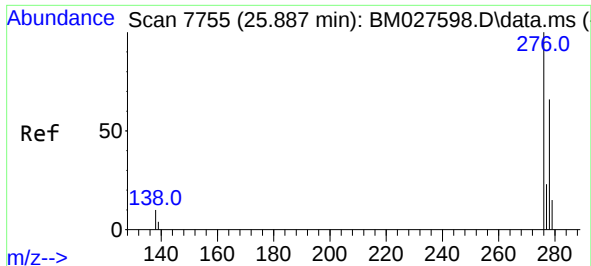
mohammad
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#23
Benzo(a)pyrene
Concen: 0.18 ng/ul
RT: 23.508 min Scan# 6772
Delta R.T. -0.000 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:252 Resp: 4403
Ion Ratio Lower Upper
252 100
253 36.1 19.6 29.4#
125 14.3 5.0 7.6#





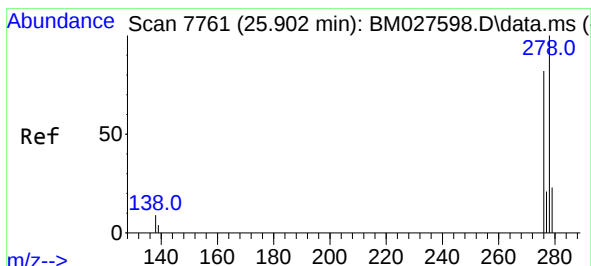
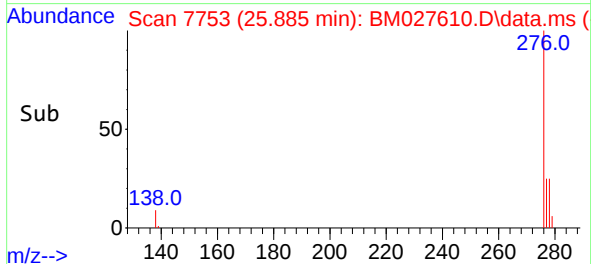
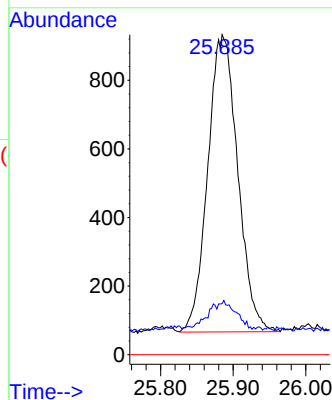
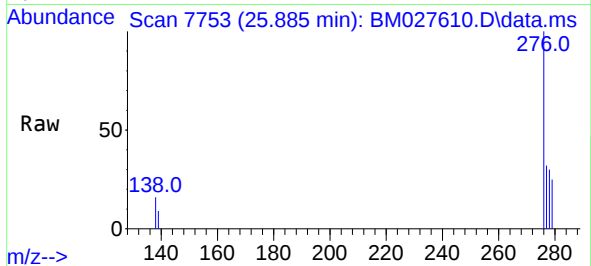
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 25.885 min Scan# 7753
Delta R.T. -0.003 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion:	276	Resp:	2485
Ion Ratio	Lower	Upper	
276	100		
138	9.1	8.6	12.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleID :
C0AE4DL

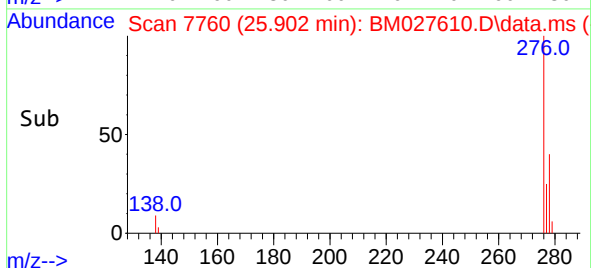
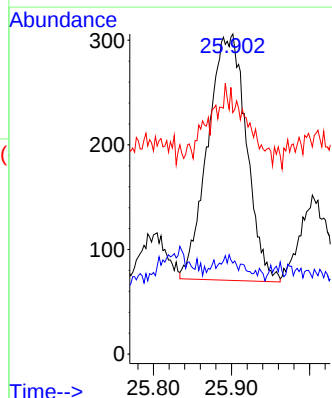
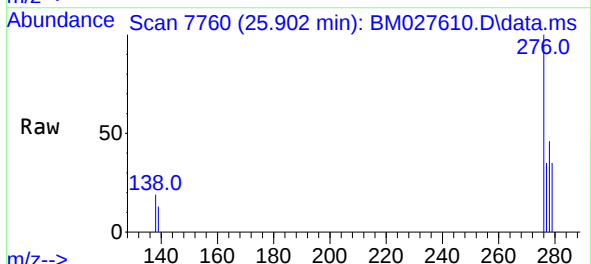
Manual Integrations
APPROVED

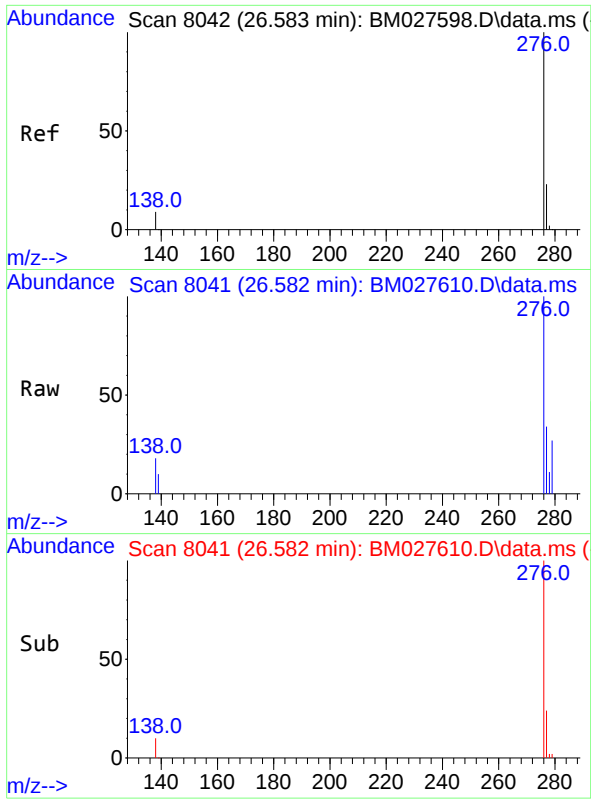
mohammad
10/6/2020 3:23:48 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.902 min Scan# 7760
Delta R.T. -0.000 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

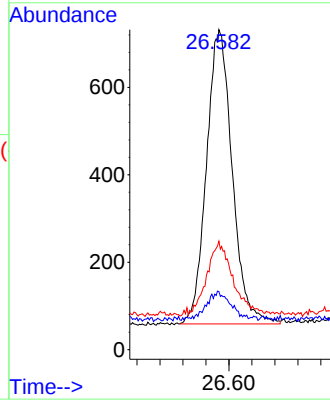
Tgt Ion:	278	Resp:	806
Ion Ratio	Lower	Upper	
278	100		
139	28.4	7.6	11.4#
279	75.5	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 26.582 min Scan# 8041
Delta R.T. -0.000 min
Lab File: BM027610.D
Acq: 05 Oct 2020 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	9.0	13.4#
277	33.9	19.4	29.0#



Instrument :
BNA_M
ClientSampleId :
C0AE4DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:23:48 PM