

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
 Data File : BM027592.D
 Acq On : 02 Oct 2020 21:47
 Operator : JU/CG
 Sample : L4166-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
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mohammad
 10/5/2020 10:29:15 AM

Quant Time: Oct 03 01:37:48 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 : Fri Oct 02 13:04:03 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.583	136	2957	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.427	164	2265	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.168	188	5668	0.40	ng/ul	0.00
16) Chrysene-d12	21.345	240	6825	0.40	ng/ul	0.00
20) Perylene-d12	23.605	264	7196	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.171	152	1040	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.194	212	3807	0.25	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.628	128	4369	0.50	ng/ul	99
5) 2-Methylnaphthalene	12.248	142	618	0.10	ng/ul	98
7) Acenaphthylene	14.146	152	1379	0.12	ng/ul#	82
8) Acenaphthene	14.488	153	25978	3.16	ng/ul	97
9) Fluorene	15.477	166	11044	1.08	ng/ul	99
12) Phenanthrene	17.209	178	23238	1.33	ng/ul	99
13) Anthracene	17.299	178	26702	1.56	ng/ul	100
15) Fluoranthene	19.224	202	158229	7.52	ng/ul	96
17) Pyrene	19.587	202	112711	3.62	ng/ul#	96
18) Benzo(a)anthracene	21.328	228	41258	1.54	ng/ul	99
19) Chrysene	21.381	228	55214	1.99	ng/ul	99
21) Benzo(b)fluoranthene	22.929	252	40567m	1.40	ng/ul	
22) Benzo(k)fluoranthene	22.970	252	15713m	0.52	ng/ul	
23) Benzo(a)pyrene	23.508	252	23625	0.91	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.882	276	12542	0.38	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.894	278	3960	0.14	ng/ul#	79
26) Benzo(g,h,i)perylene	26.580	276	10723	0.38	ng/ul	97

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

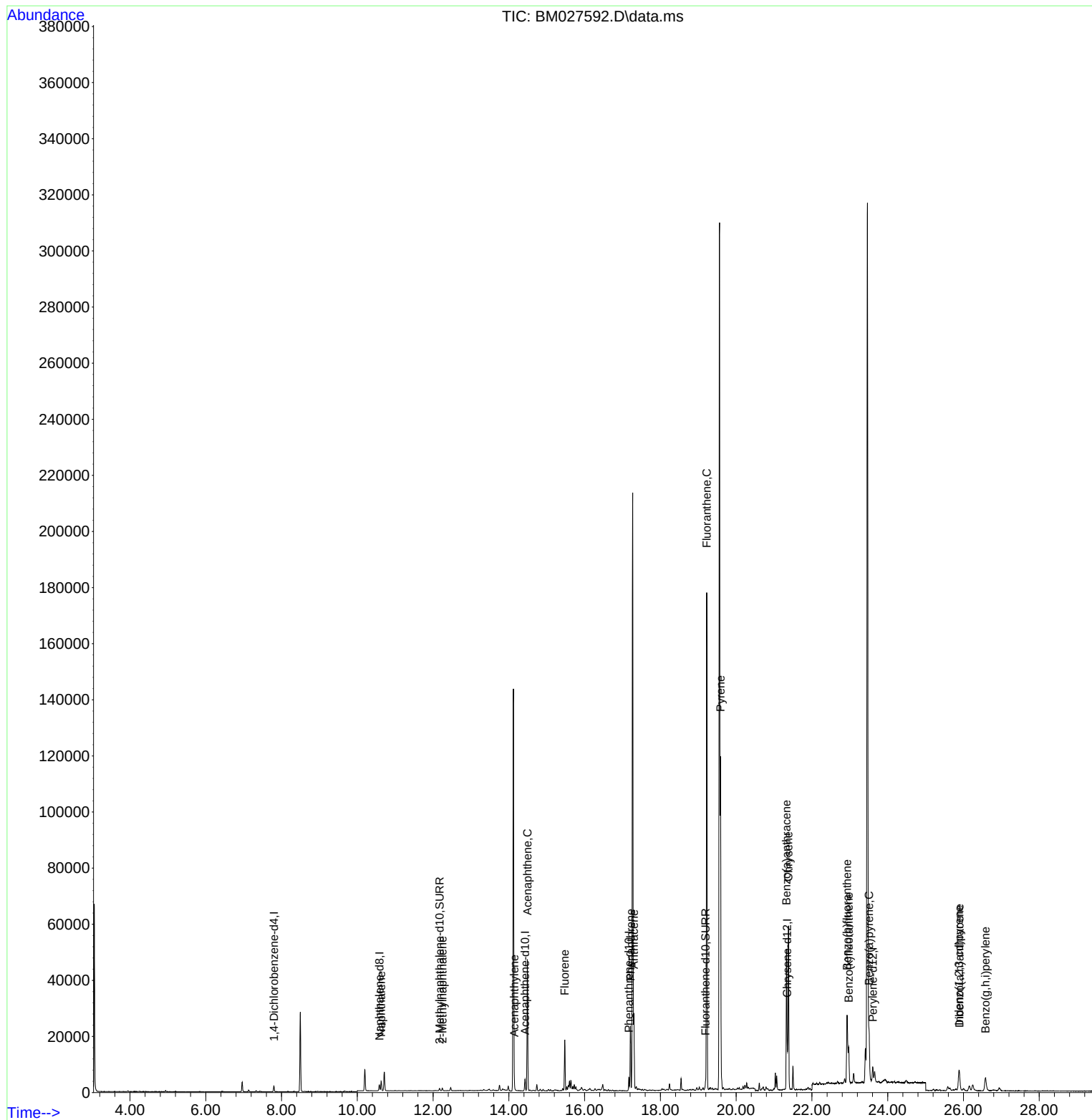
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027592.D
Acq On : 02 Oct 2020 21:47
Operator : JU/CG
Sample : L4166-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

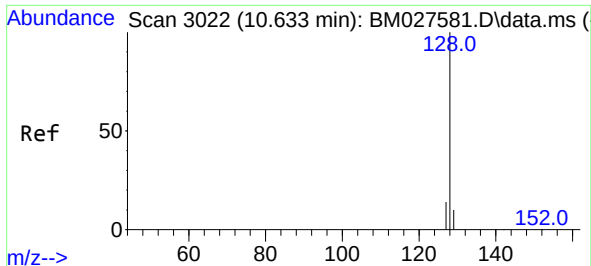
Instrument :
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ClientSampleId :
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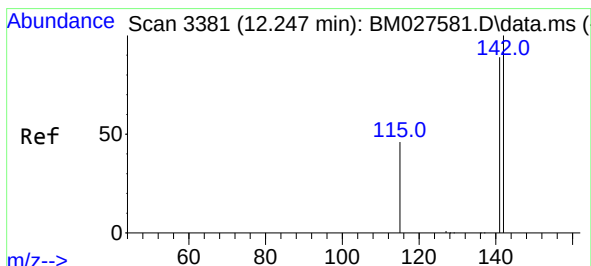
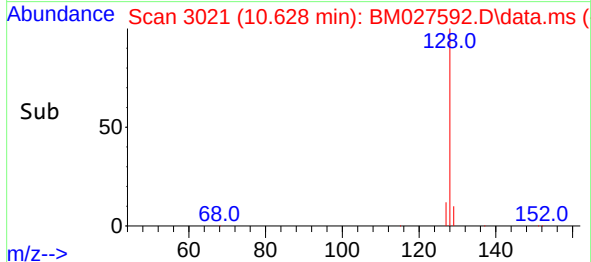
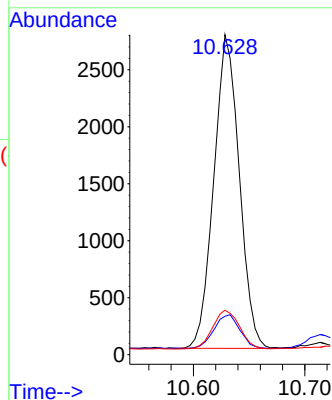
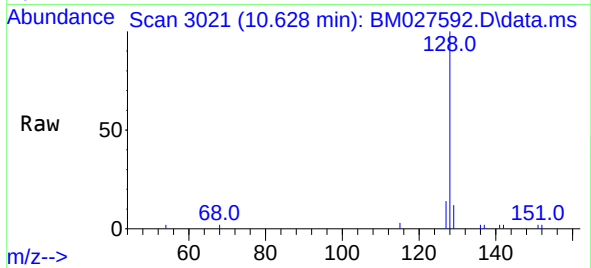
#3
Naphthalene
Concen: 0.50 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:128 Resp: 4369
Ion Ratio Lower Upper
128 100
129 12.0 9.9 14.9
127 13.9 11.4 17.2

Instrument :
BNA_M
ClientSampled :
C0AC9

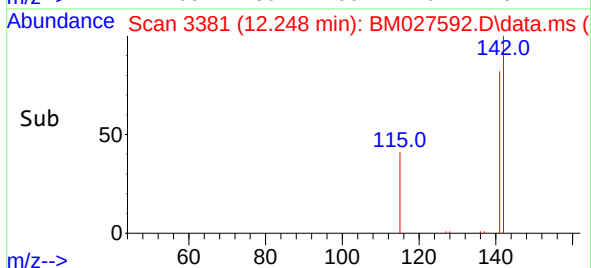
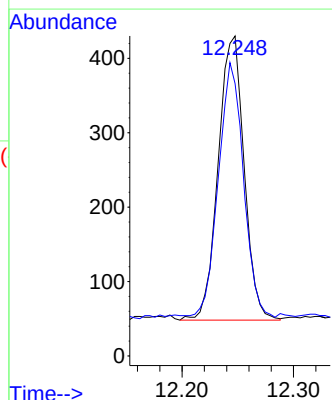
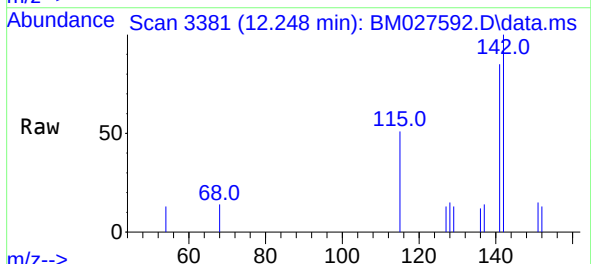
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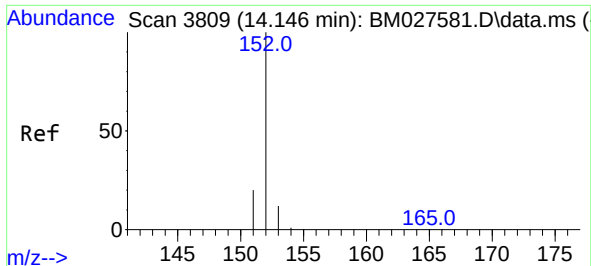
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#5
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.248 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:142 Resp: 618
Ion Ratio Lower Upper
142 100
141 86.4 70.9 106.3





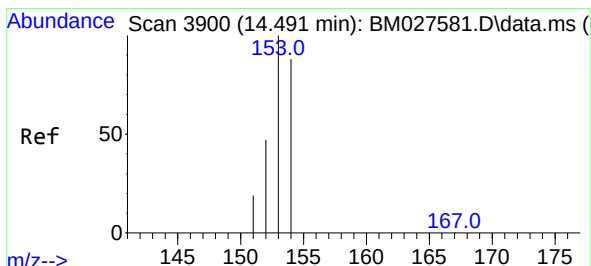
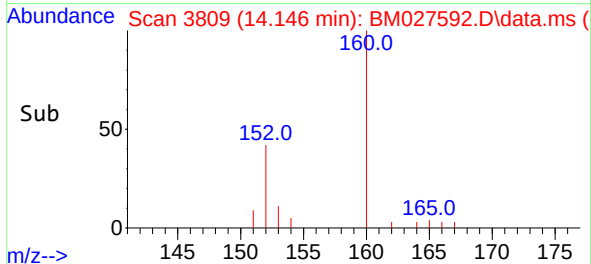
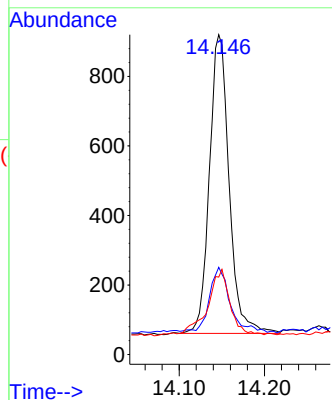
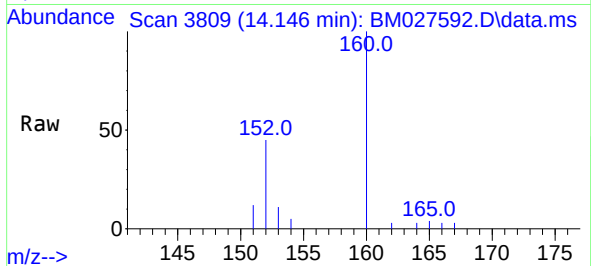
#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.146 min Scan# 3809
Delta R.T. -0.004 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	152	Resp:	1379
Ion Ratio	Lower	Upper	
152	100		
151	27.3	16.6	24.8#
153	24.2	11.4	17.0#

Instrument :
BNA_M
ClientSampled :
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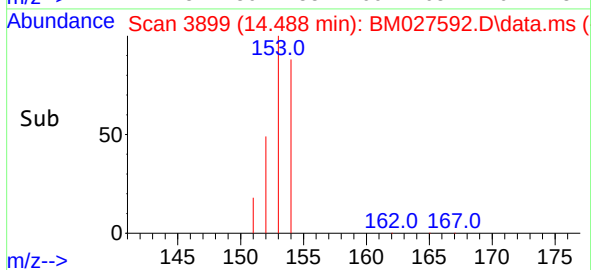
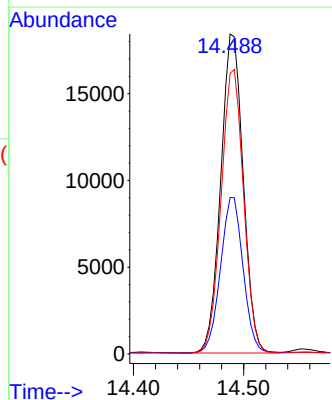
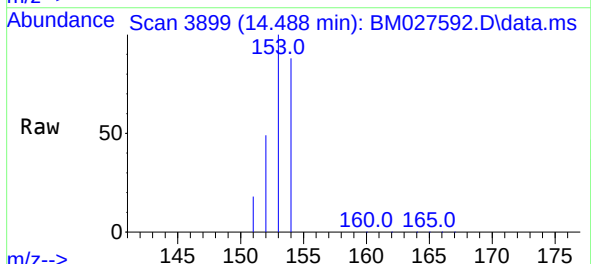
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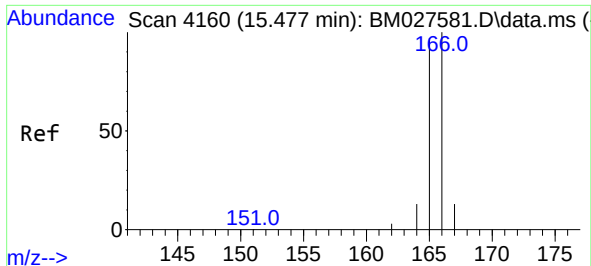
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#8
Acenaphthene
Concen: 3.16 ng/ul
RT: 14.488 min Scan# 3899
Delta R.T. -0.007 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	153	Resp:	25978
Ion Ratio	Lower	Upper	
153	100		
152	48.9	42.8	64.2
154	87.7	69.0	103.6





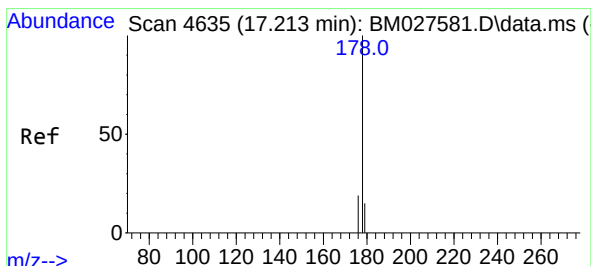
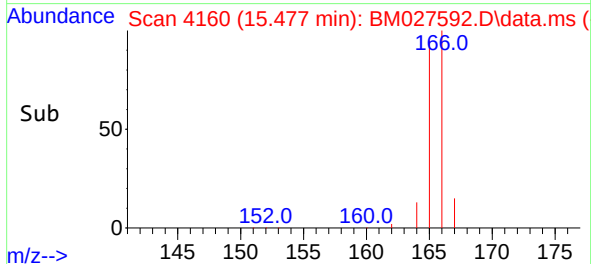
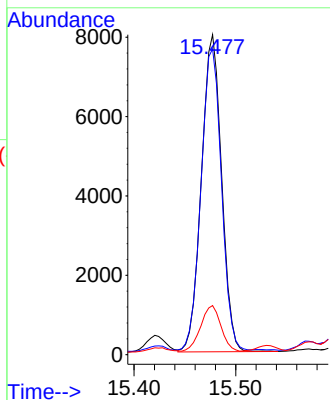
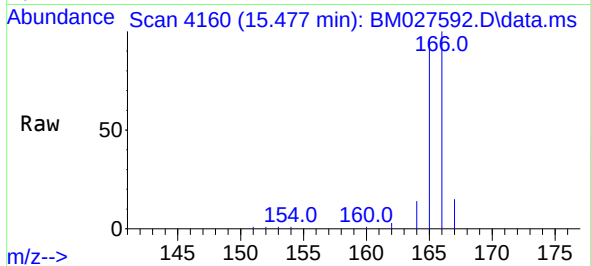
#9
Fluorene
Concen: 1.08 ng/ul
RT: 15.477 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	166	Resp:	11044
Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.2	115.8
167	15.4	11.1	16.7

Instrument :
BNA_M
ClientSampled :
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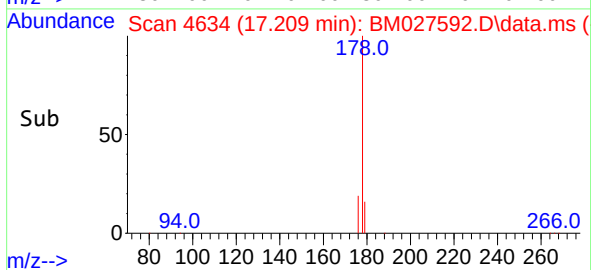
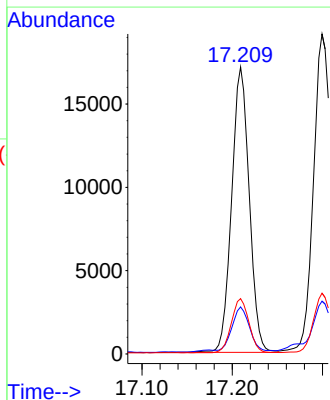
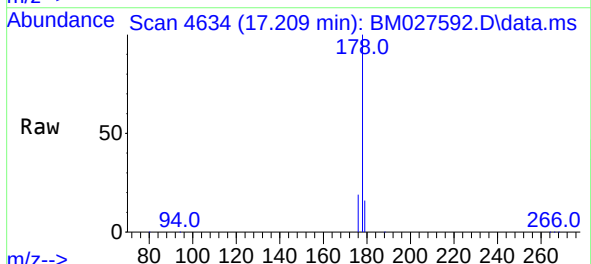
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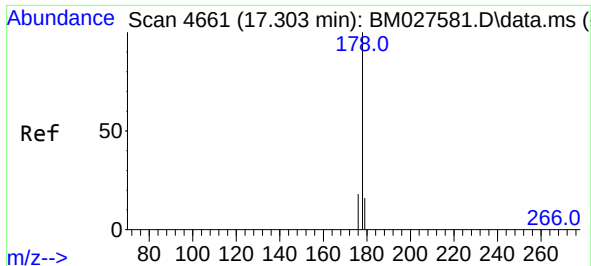
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#12
Phenanthrene
Concen: 1.33 ng/ul
RT: 17.209 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

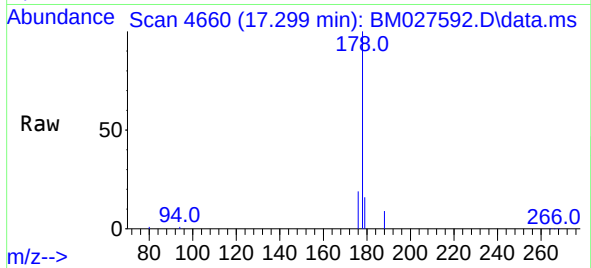
Tgt Ion:	178	Resp:	23238
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.3	15.3	22.9





#13
 Anthracene
 Concen: 1.56 ng/ul
 RT: 17.299 min Scan# 4660
 Delta R.T. -0.003 min
 Lab File: BM027592.D
 Acq: 02 Oct 2020 21:47

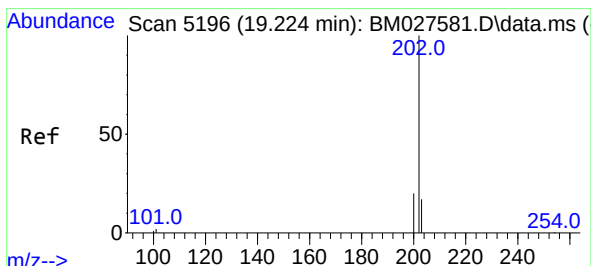
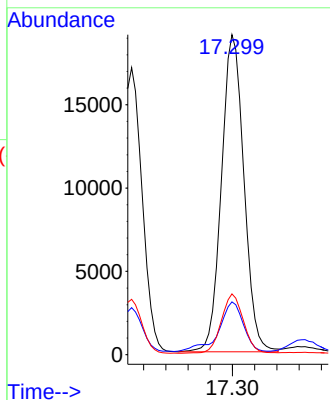
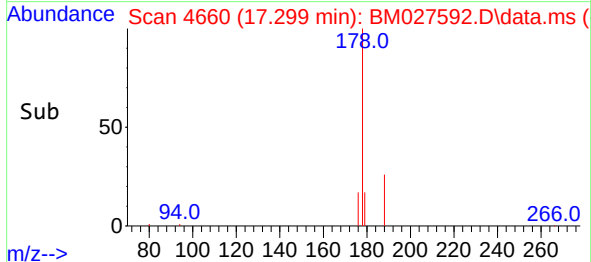
Instrument :
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 ClientSampled :
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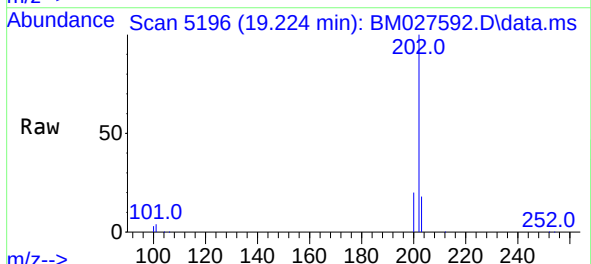
Tgt Ion:178 Resp: 26702
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.4
 176 19.0 15.2 22.8

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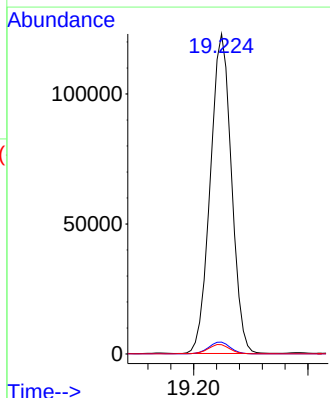
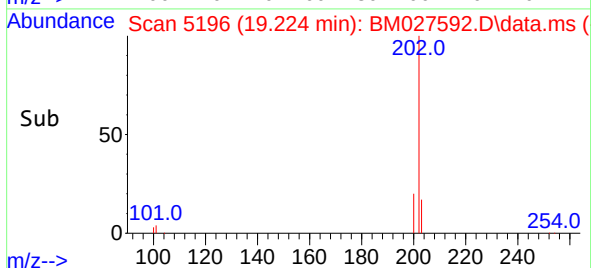
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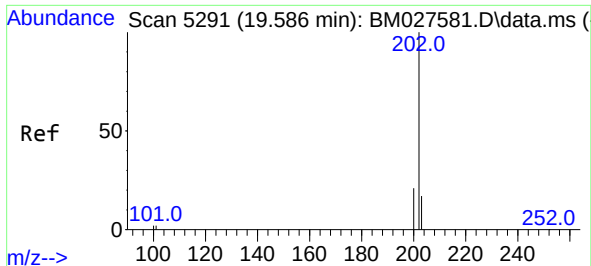


#15
 Fluoranthene
 Concen: 7.52 ng/ul
 RT: 19.224 min Scan# 5196
 Delta R.T. -0.004 min
 Lab File: BM027592.D
 Acq: 02 Oct 2020 21:47

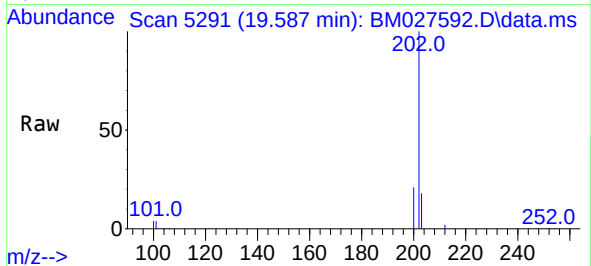


Tgt Ion:202 Resp: 158229
 Ion Ratio Lower Upper
 202 100
 101 3.7 0.0 24.9
 100 2.9 0.0 24.1

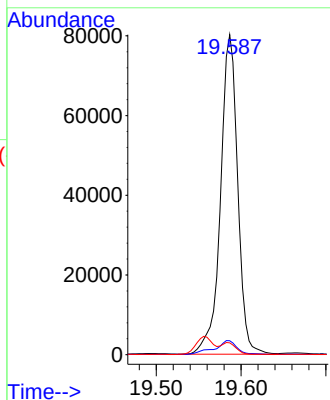




#17
Pyrene
Concen: 3.62 ng/ul
RT: 19.587 min Scan# 5291
Delta R.T. -0.004 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47



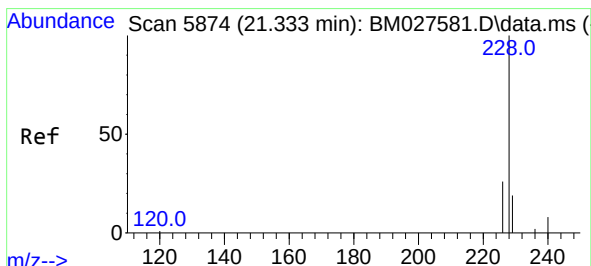
Tgt Ion:202 Resp: 112711
Ion Ratio Lower Upper
202 100
101 4.4 4.7 7.1#
100 3.7 3.9 5.9#



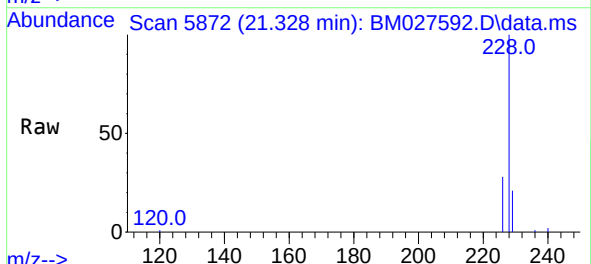
Instrument :
BNA_M
ClientSampled :
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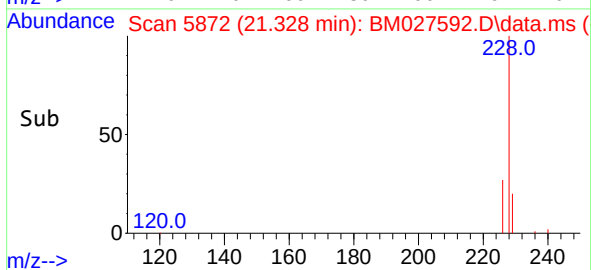
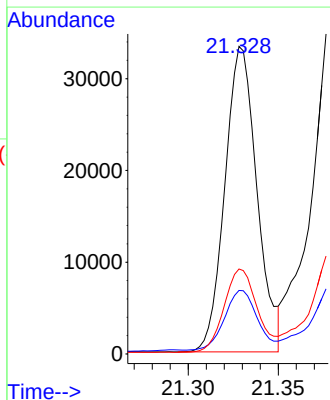
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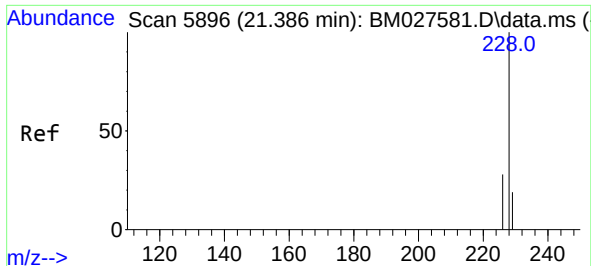


#18
Benzo(a)anthracene
Concen: 1.54 ng/ul
RT: 21.328 min Scan# 5872
Delta R.T. -0.007 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47



Tgt Ion:228 Resp: 41258
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 27.6 21.8 32.8





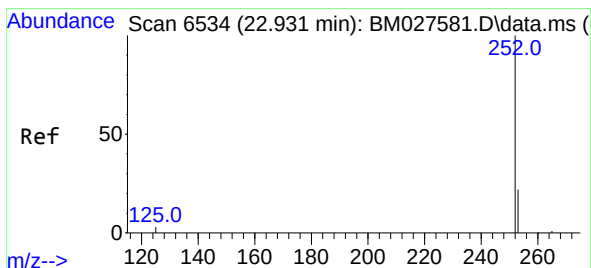
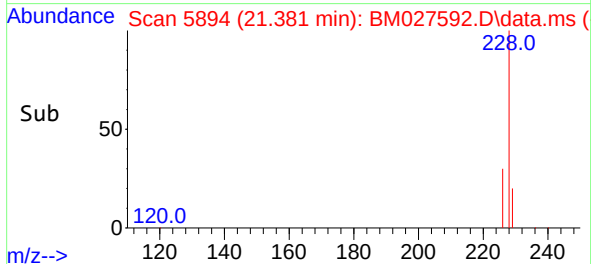
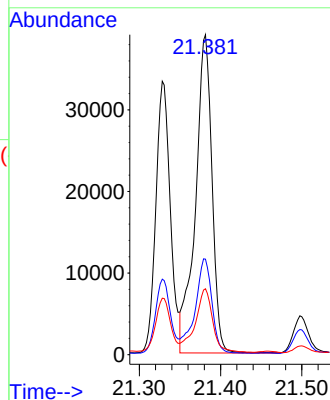
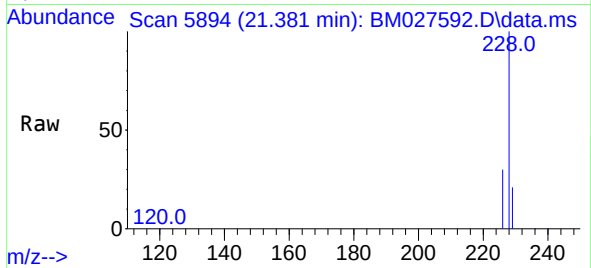
#19
Chrysene
Concen: 1.99 ng/ul
RT: 21.381 min Scan# 5894
Delta R.T. -0.005 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	228	Resp:	55214
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	20.6	15.8	23.8

Instrument :
BNA_M
ClientSampled :
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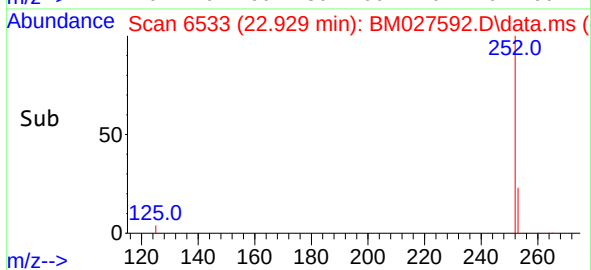
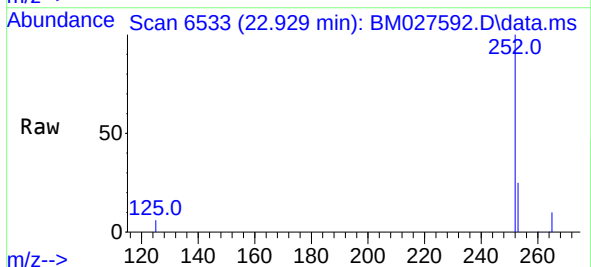
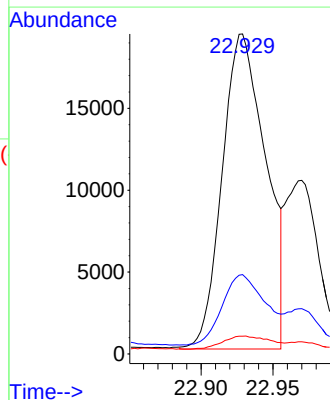
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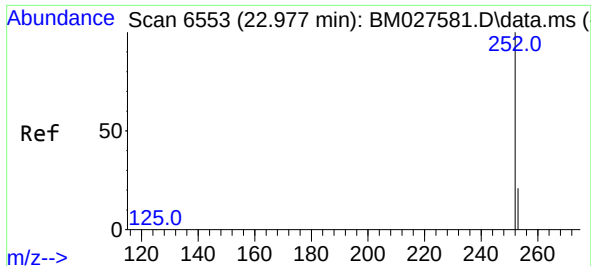
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#21
Benzo(b)fluoranthene
Concen: 1.40 ng/ul m
RT: 22.929 min Scan# 6533
Delta R.T. -0.005 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	252	Resp:	40567
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	48.2
125	5.6	0.0	10.6





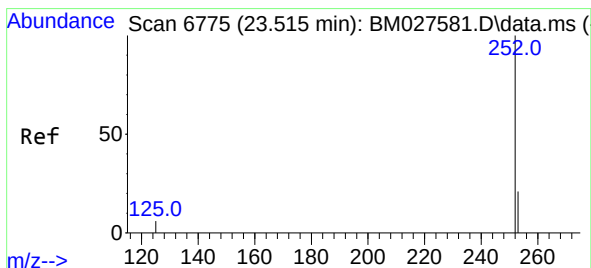
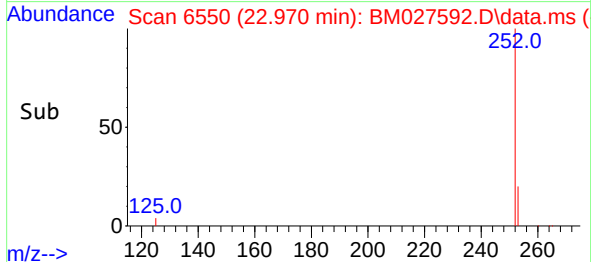
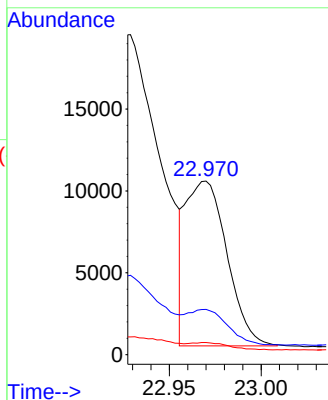
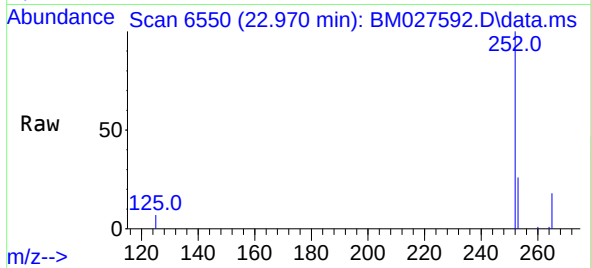
#22
Benzo(k)fluoranthene
Concen: 0.52 ng/ul m
RT: 22.970 min Scan# 6550
Delta R.T. -0.010 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	252	Resp:	15713
Ion Ratio	Lower	Upper	
252	100		
253	26.1	19.1	28.7
125	7.0	5.0	7.4

Instrument :
BNA_M
ClientSampled :
C0AC9

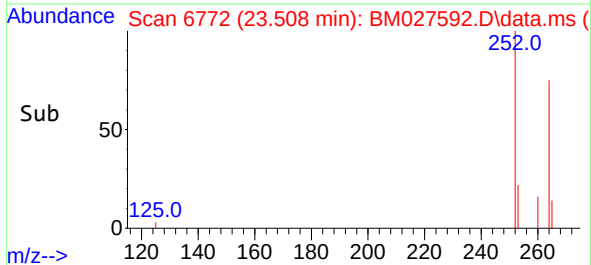
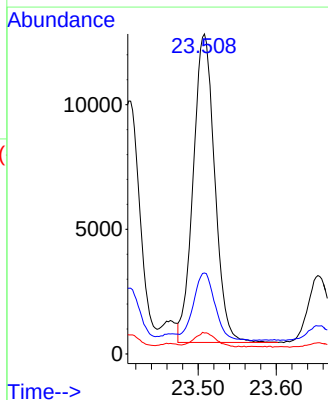
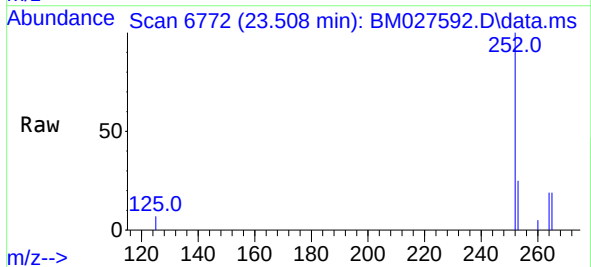
Manual Integrations
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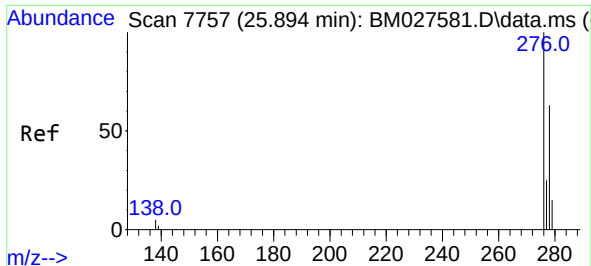
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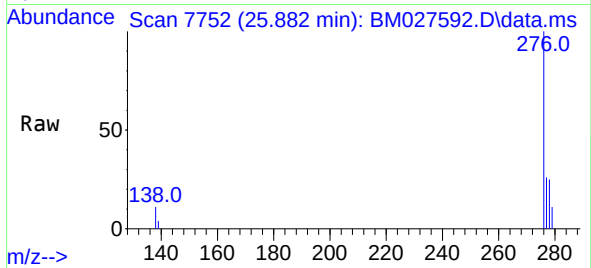
#23
Benzo(a)pyrene
Concen: 0.91 ng/ul
RT: 23.508 min Scan# 6772
Delta R.T. -0.007 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:	252	Resp:	23625
Ion Ratio	Lower	Upper	
252	100		
253	25.3	19.6	29.4
125	6.5	5.0	7.6

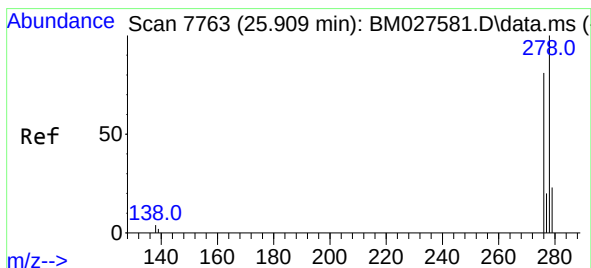
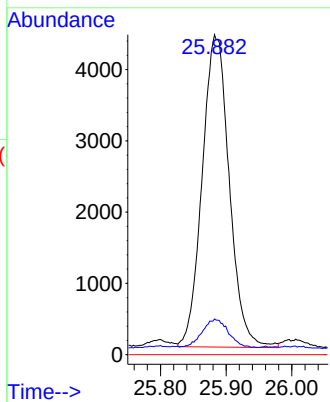
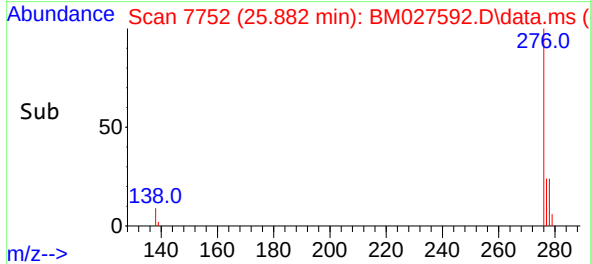




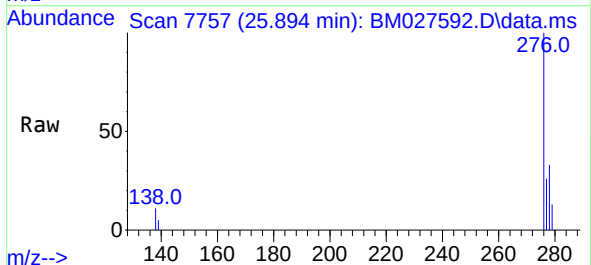
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.882 min Scan# 7752
Delta R.T. -0.012 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47



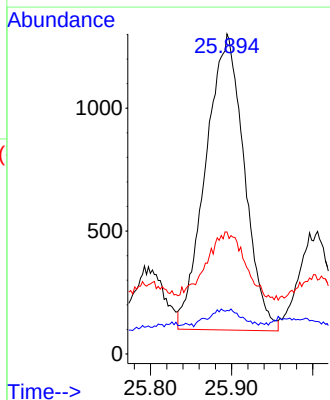
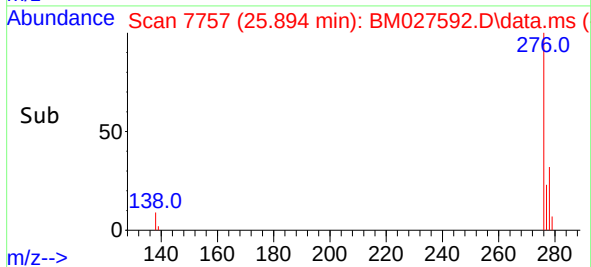
Tgt Ion: 276 Resp: 12542
Ion Ratio Lower Upper
276 100
138 8.8 8.6 12.8
227 0.0 0.0 0.0



#25
Dibenzo(a,h)anthracene
Concen: 0.14 ng/ul
RT: 25.894 min Scan# 7757
Delta R.T. -0.017 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47



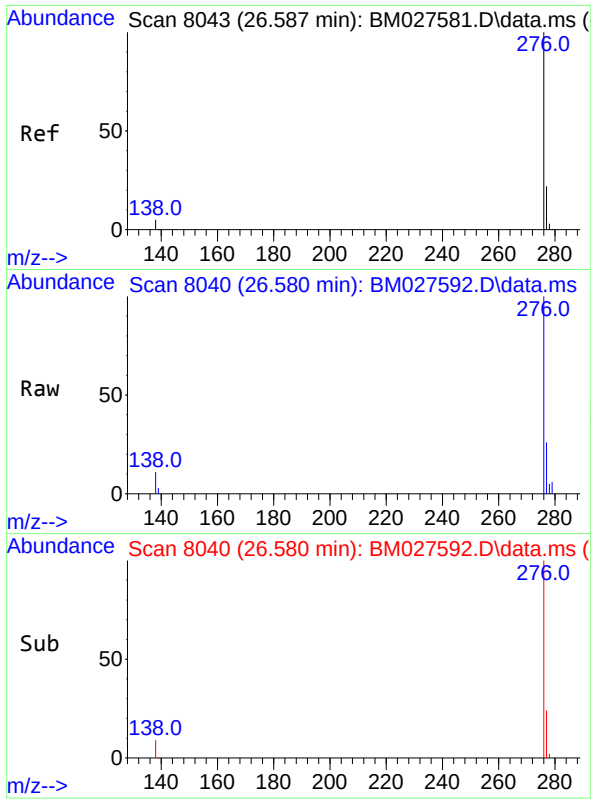
Tgt Ion: 278 Resp: 3960
Ion Ratio Lower Upper
278 100
139 13.6 7.6 11.4#
279 38.1 20.7 31.1#



Instrument :
BNA_M
ClientSampleId :
C0AC9

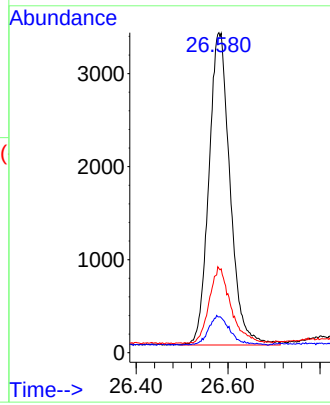
Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:15 AM



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.580 min Scan# 8040
Delta R.T. -0.014 min
Lab File: BM027592.D
Acq: 02 Oct 2020 21:47

Tgt Ion:276 Resp: 10723
Ion Ratio Lower Upper
276 100
138 11.2 9.0 13.4
277 26.3 19.4 29.0



Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:15 AM