

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
 Data File : BM027588.D
 Acq On : 02 Oct 2020 19:22
 Operator : JU/CG
 Sample : L4166-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:29:02 AM

Quant Time: Oct 03 01:36:42 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	1284	0.40	ng/ul	0.00
2) Naphthalene-d8	10.583	136	3770	0.40	ng/ul #	0.00
6) Acenaphthene-d10	14.427	164	2857	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.167	188	6981m	0.40	ng/ul	0.00
16) Chrysene-d12	21.347	240	7750	0.40	ng/ul	0.00
20) Perylene-d12	23.607	264	7915	0.40	ng/ul #	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.171	152	1038	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.193	212	5154	0.27	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.628	128	327	0.03	ng/ul#	57
7) Acenaphthylene	14.146	152	572	0.04	ng/ul#	79
12) Phenanthrene	17.209	178	1593	0.07	ng/ul#	90
13) Anthracene	17.303	178	1566	0.07	ng/ul#	92
15) Fluoranthene	19.224	202	7477	0.29	ng/ul	100
17) Pyrene	19.586	202	8740m	0.25	ng/ul	
18) Benzo(a)anthracene	21.330	228	8275	0.27	ng/ul	98
19) Chrysene	21.381	228	14231	0.45	ng/ul	99
21) Benzo(b)fluoranthene	22.928	252	17026m	0.53	ng/ul	
22) Benzo(k)fluoranthene	22.970	252	5724m	0.17	ng/ul	
23) Benzo(a)pyrene	23.512	252	8834	0.31	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.884	276	5536	0.15	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.891	278	1747	0.06	ng/ul#	55
26) Benzo(g,h,i)perylene	26.580	276	4331	0.14	ng/ul	92

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

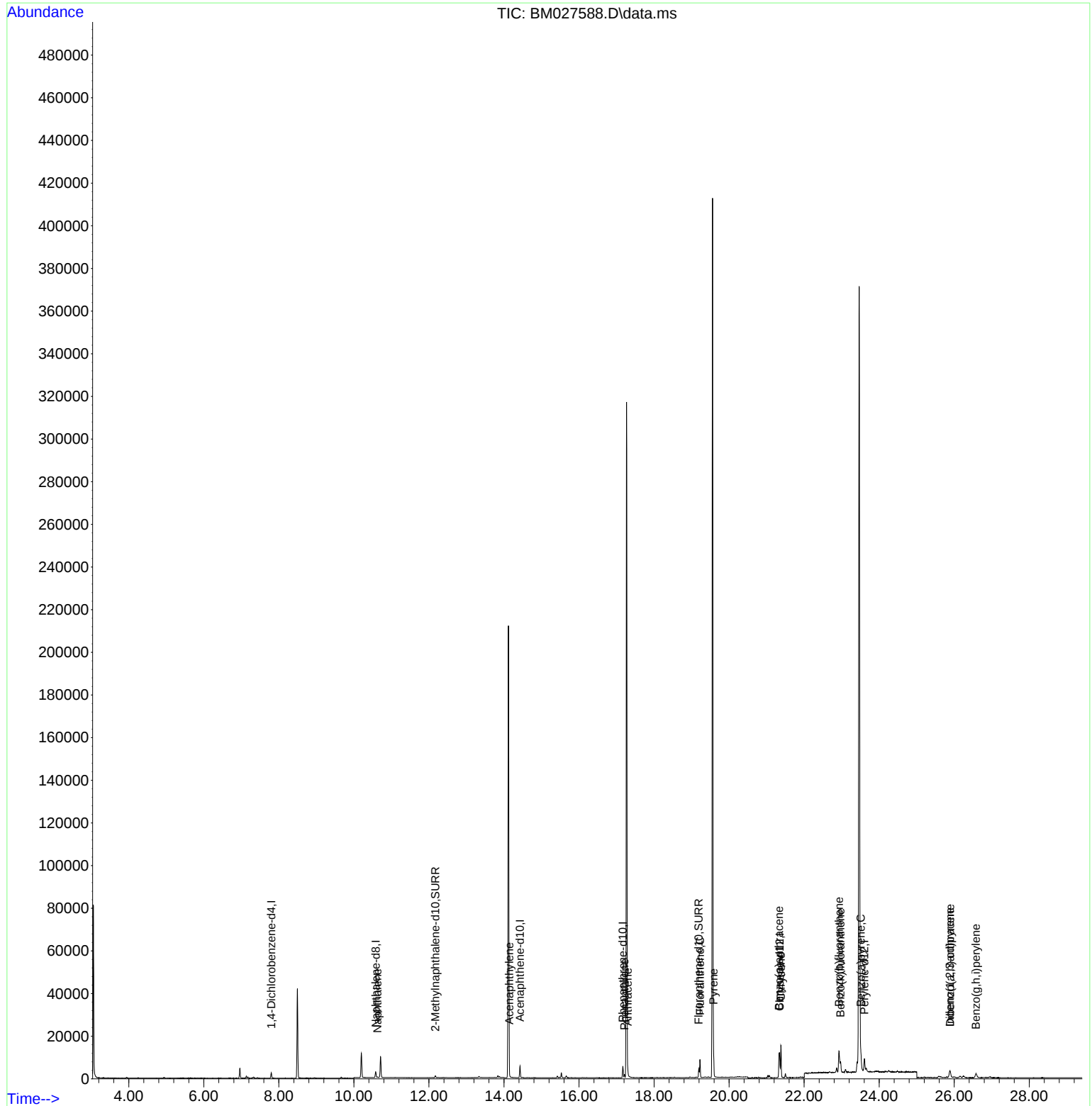
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027588.D
Acq On : 02 Oct 2020 19:22
Operator : JU/CG
Sample : L4166-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

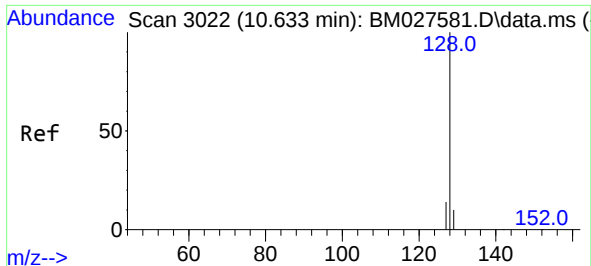
Instrument :
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ClientSampleId :
C0AC4

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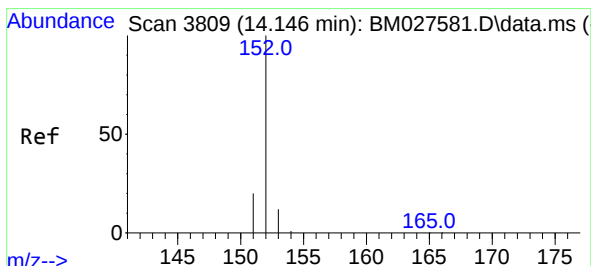
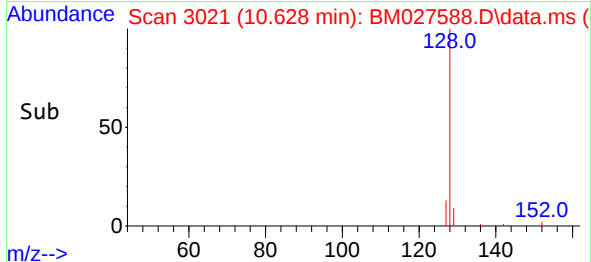
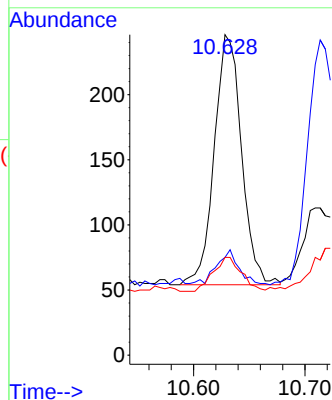
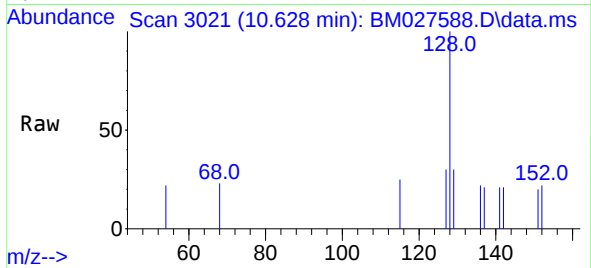
#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.005 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:	128	Resp:	327
Ion	Ratio	Lower	Upper
128	100		
129	30.5	9.9	14.9#
127	30.5	11.4	17.2#

Instrument :
BNA_M
ClientSampled :
C0AC4

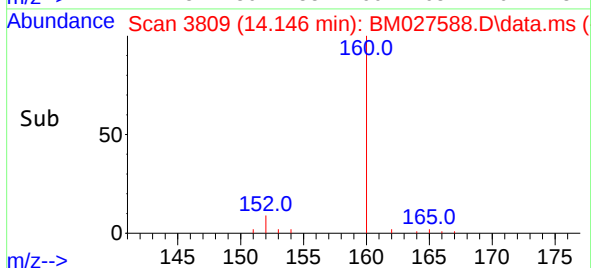
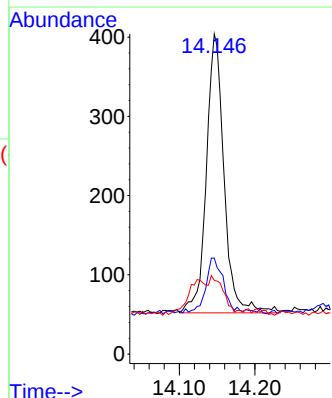
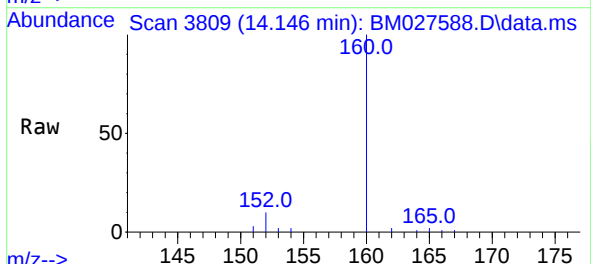
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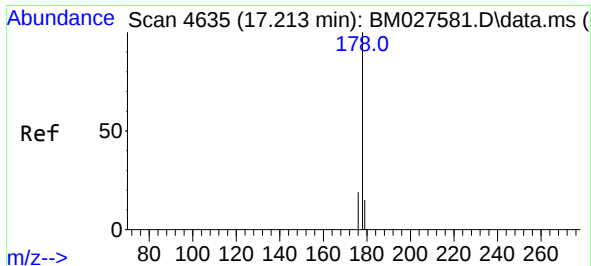
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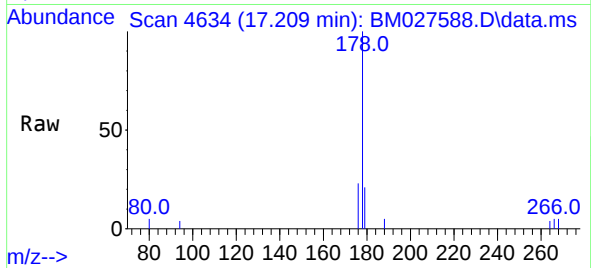
#7
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.146 min Scan# 3809
Delta R.T. -0.004 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:	152	Resp:	572
Ion	Ratio	Lower	Upper
152	100		
151	30.0	16.6	24.8#
153	23.0	11.4	17.0#

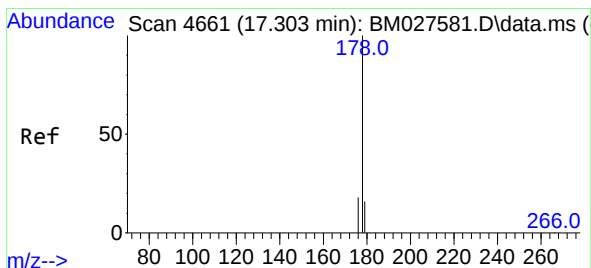
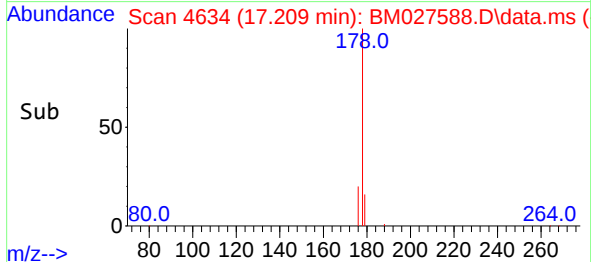
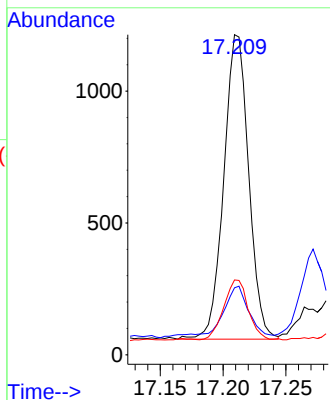




#12
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.209 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

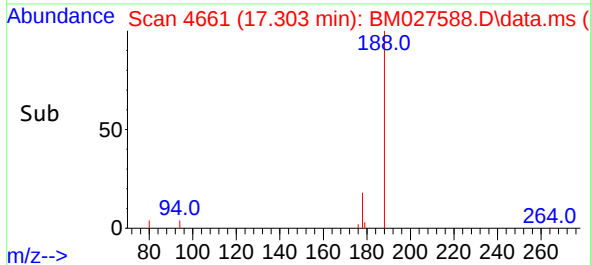
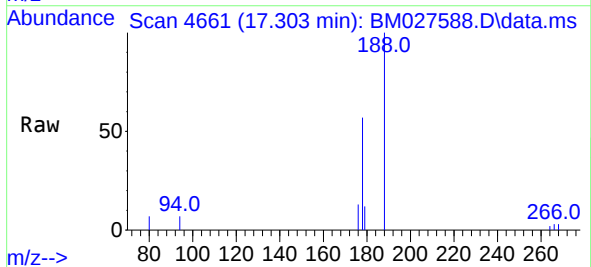
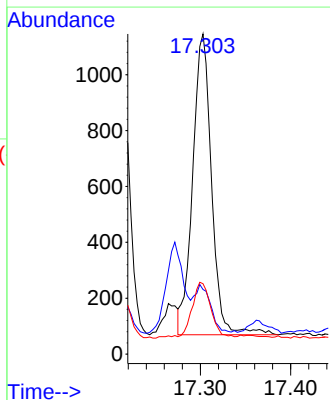


Tgt Ion:178 Resp: 1593
Ion Ratio Lower Upper
178 100
179 20.9 12.9 19.3#
176 23.4 15.3 22.9#



#13
Anthracene
Concen: 0.07 ng/ul
RT: 17.303 min Scan# 4661
Delta R.T. -0.000 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

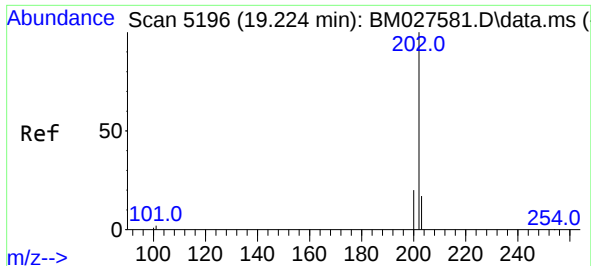
Tgt Ion:178 Resp: 1566
Ion Ratio Lower Upper
178 100
179 20.2 13.0 19.4#
176 22.0 15.2 22.8



Instrument :
BNA_M
ClientSampled :
C0AC4

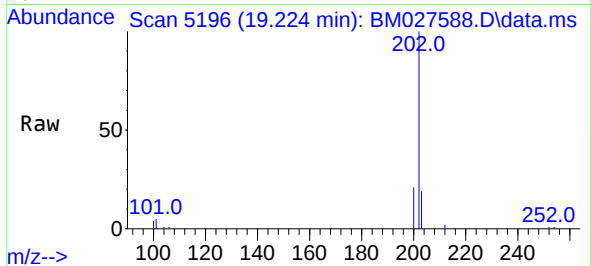
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#15
Fluoranthene
Concen: 0.29 ng/ul
RT: 19.224 min Scan# 5196
Delta R.T. -0.004 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

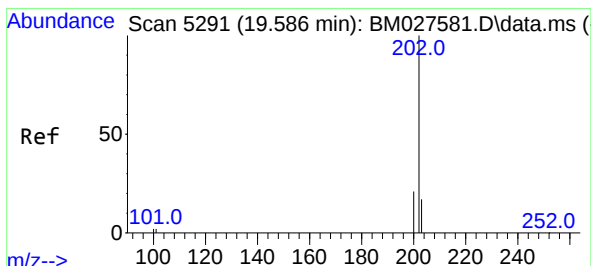
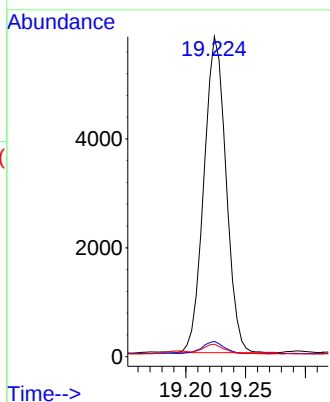
Instrument :
BNA_M
ClientSampled :
C0AC4



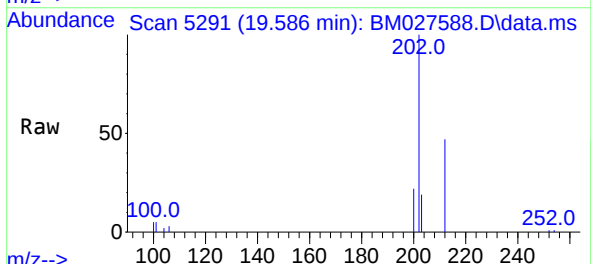
Tgt Ion:202 Resp: 7477
Ion Ratio Lower Upper
202 100
101 4.8 0.0 24.9
100 3.9 0.0 24.1

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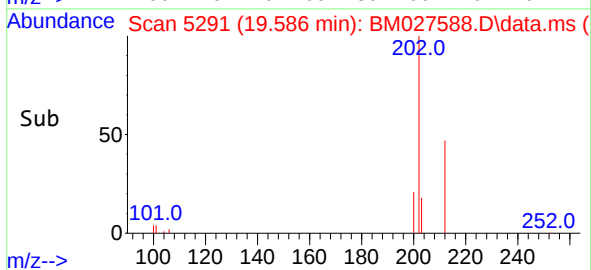
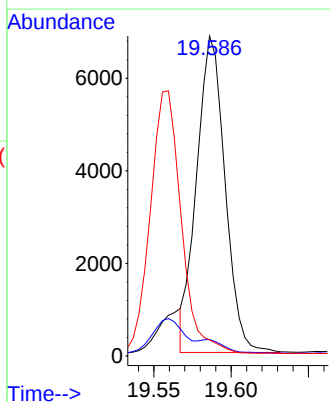
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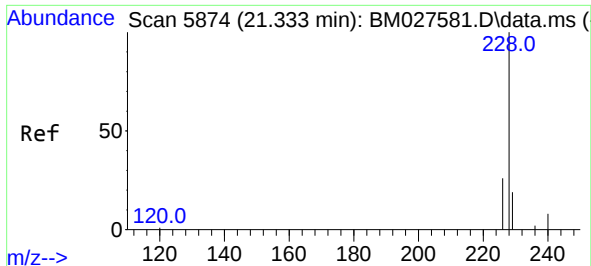


#17
Pyrene
Concen: 0.25 ng/ul m
RT: 19.586 min Scan# 5291
Delta R.T. -0.004 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22



Tgt Ion:202 Resp: 8740
Ion Ratio Lower Upper
202 100
101 5.2 4.7 7.1
100 5.0 3.9 5.9





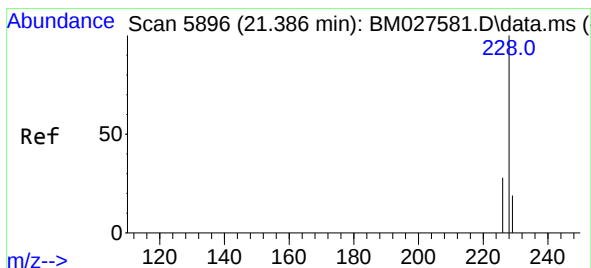
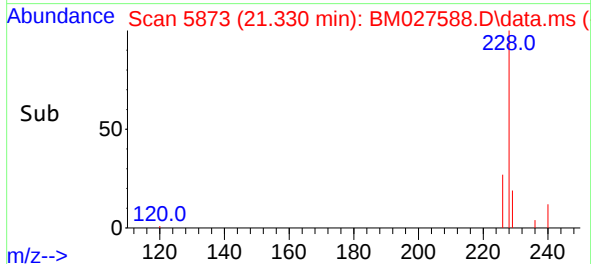
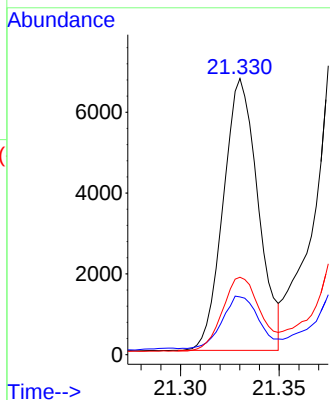
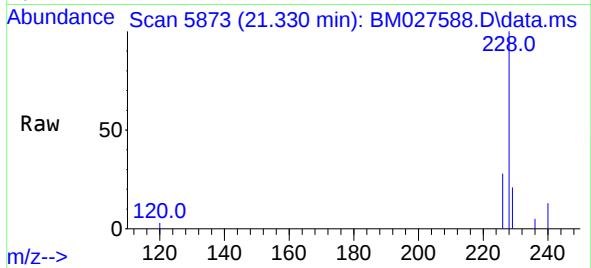
#18
Benzo(a)anthracene
Concen: 0.27 ng/u1
RT: 21.330 min Scan# 5873
Delta R.T. -0.005 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:228	Resp:	8275
Ion Ratio	Lower	Upper
228	100	
229	20.9	15.6 23.4
226	28.1	21.8 32.8

Instrument :
BNA_M
ClientSampled :
C0AC4

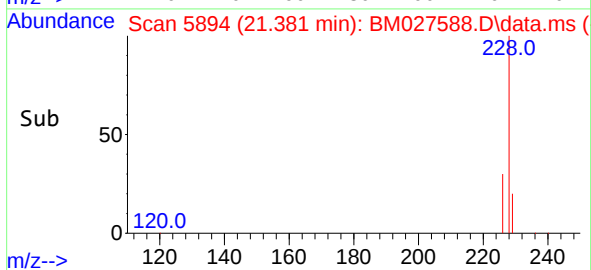
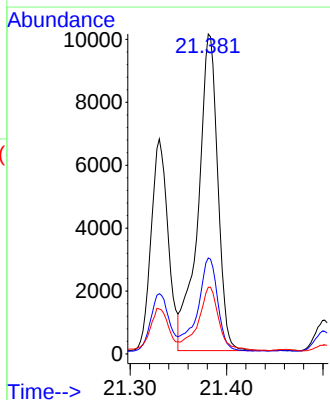
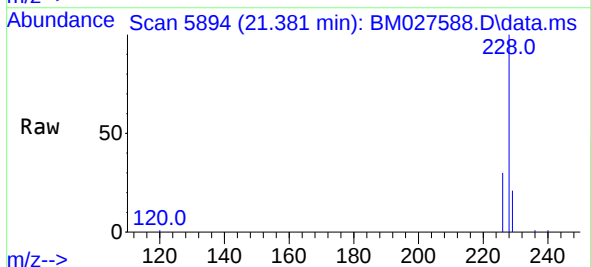
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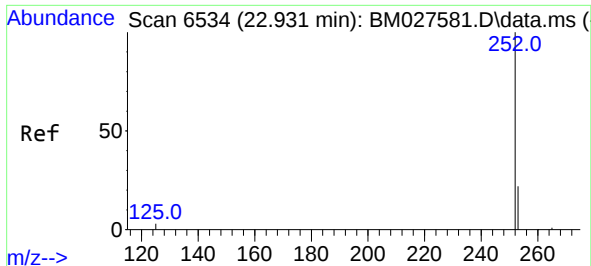
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#19
Chrysene
Concen: 0.45 ng/u1
RT: 21.381 min Scan# 5894
Delta R.T. -0.005 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:228	Resp:	14231
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.2 36.4
229	20.8	15.8 23.8





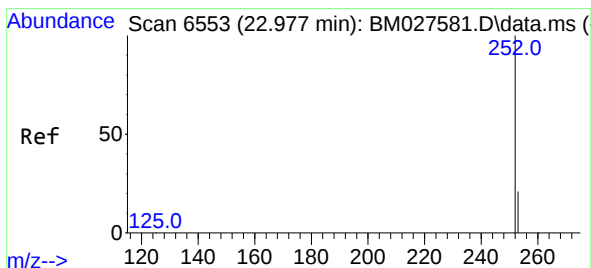
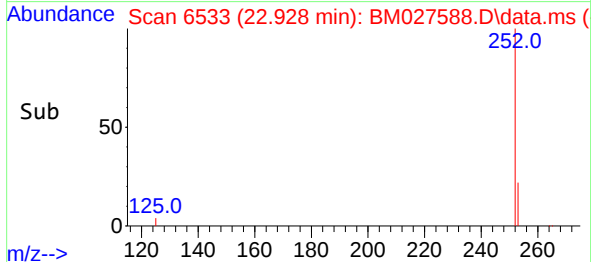
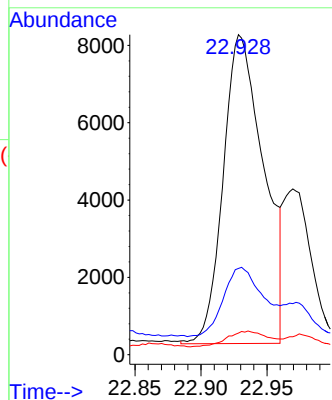
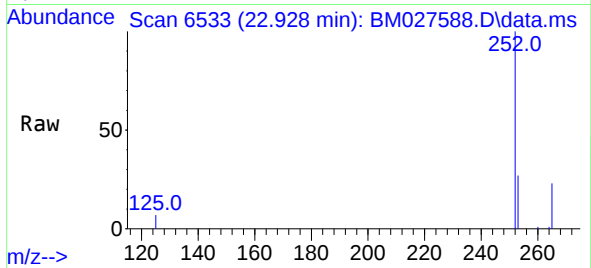
#21
Benzo(b)fluoranthene
Concen: 0.53 ng/ul m
RT: 22.928 min Scan# 6533
Delta R.T. -0.005 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:	252	Resp:	17026
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	48.2
125	6.8	0.0	10.6

Instrument :
BNA_M
ClientSampled :
C0AC4

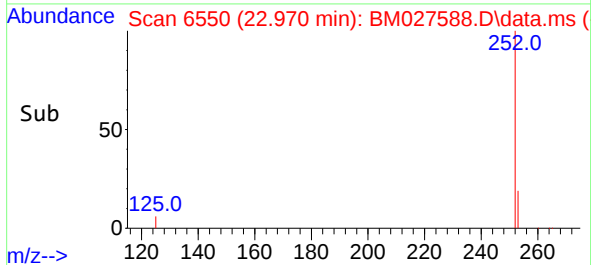
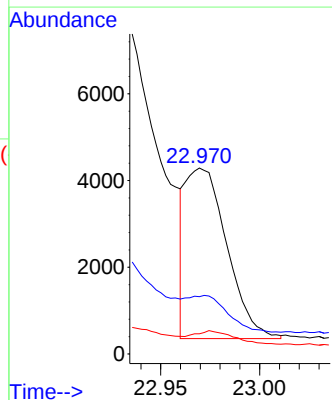
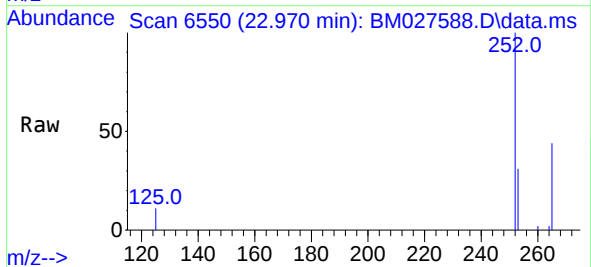
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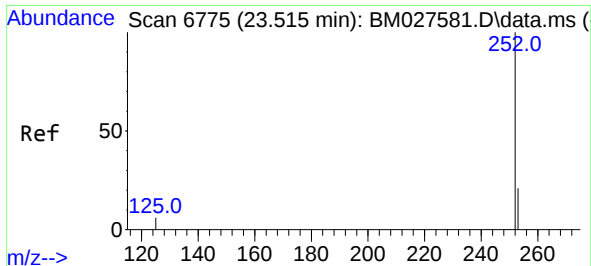
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#22
Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.970 min Scan# 6550
Delta R.T. -0.010 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:	252	Resp:	5724
Ion Ratio	Lower	Upper	
252	100		
253	30.8	19.1	28.7#
125	10.9	5.0	7.4#





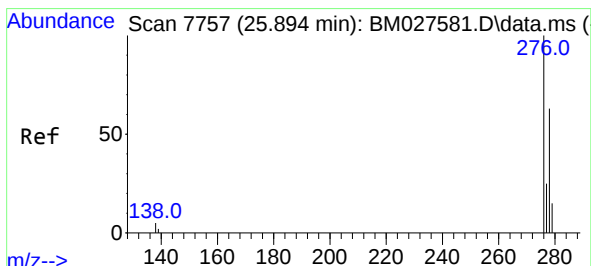
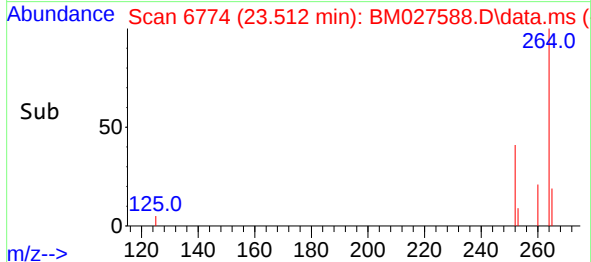
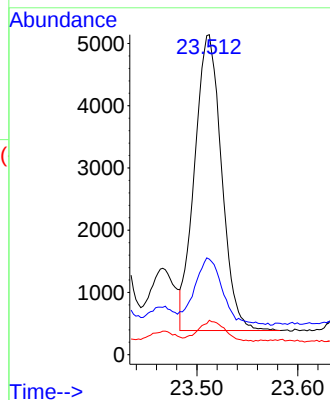
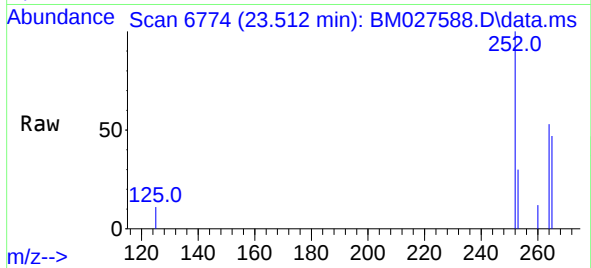
#23
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 23.512 min Scan# 6774
Delta R.T. -0.003 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:252 Resp: 8834
Ion Ratio Lower Upper
252 100
253 29.9 19.6 29.4#
125 10.7 5.0 7.6#

Instrument :
BNA_M
ClientSampled :
C0AC4

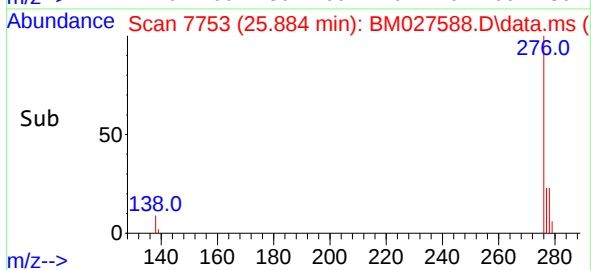
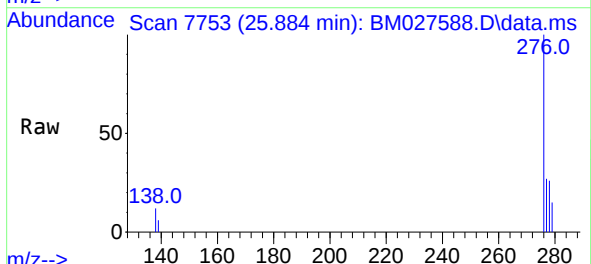
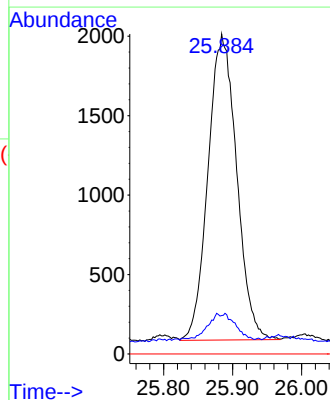
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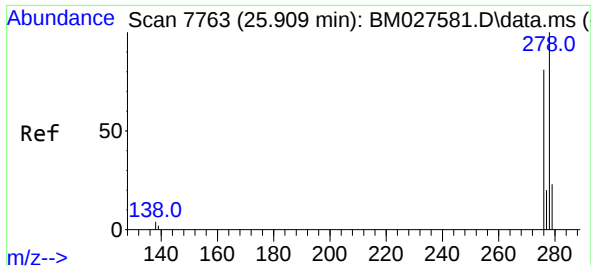
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng/ul
RT: 25.884 min Scan# 7753
Delta R.T. -0.010 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:276 Resp: 5536
Ion Ratio Lower Upper
276 100
138 7.9 8.6 12.8#
227 0.0 0.0 0.0





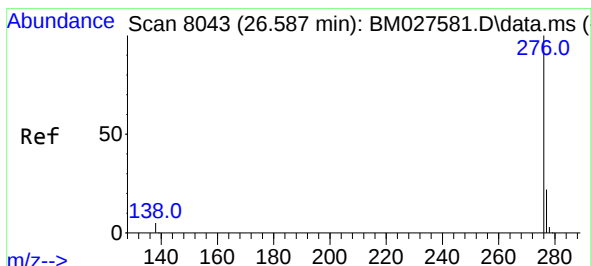
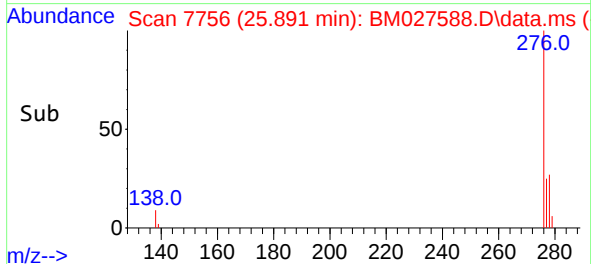
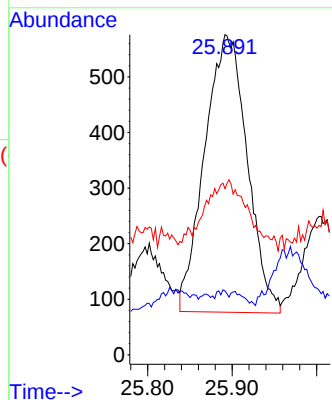
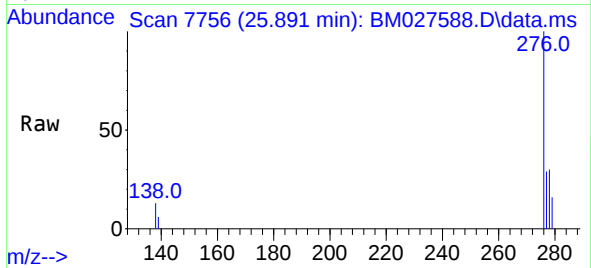
#25
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.891 min Scan# 7756
Delta R.T. -0.020 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:278 Resp: 1747
Ion Ratio Lower Upper
278 100
139 20.0 7.6 11.4#
279 51.9 20.7 31.1#

Instrument :
BNA_M
ClientSampled :
C0AC4

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.580 min Scan# 8040
Delta R.T. -0.015 min
Lab File: BM027588.D
Acq: 02 Oct 2020 19:22

Tgt Ion:276 Resp: 4331
Ion Ratio Lower Upper
276 100
138 13.3 9.0 13.4
277 28.8 19.4 29.0

