

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
 Data File : BM027587.D
 Acq On : 02 Oct 2020 18:46
 Operator : JU/CG
 Sample : L4166-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4

Manual Integrations
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mohammad
 10/5/2020 10:28:53 AM

Quant Time: Oct 03 01:36:24 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	1089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.581	136	3168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.429	164	2336	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.169	188	5753	0.40	ng/ul	0.00
16) Chrysene-d12	21.345	240	6510	0.40	ng/ul	# 0.00
20) Perylene-d12	23.607	264	6376	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.169	152	986	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.195	212	3321	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.631	128	4023	0.43	ng/ul	98
5) 2-Methylnaphthalene	12.245	142	835	0.12	ng/ul	99
7) Acenaphthylene	14.148	152	1432	0.12	ng/ul#	87
8) Acenaphthene	14.489	153	21357	2.52	ng/ul	96
9) Fluorene	15.479	166	11571	1.10	ng/ul	99
12) Phenanthrene	17.211	178	30011	1.69	ng/ul	100
13) Anthracene	17.301	178	46553	2.68	ng/ul	99
15) Fluoranthene	19.226	202	131550	6.16	ng/ul	96
17) Pyrene	19.588	202	93885	3.16	ng/ul#	96
18) Benzo(a)anthracene	21.331	228	44753	1.75	ng/ul	98
19) Chrysene	21.382	228	62739	2.37	ng/ul	100
21) Benzo(b)fluoranthene	22.929	252	48110m	1.87	ng/ul	
22) Benzo(k)fluoranthene	22.973	252	19427m	0.73	ng/ul	
23) Benzo(a)pyrene	23.510	252	28708	1.25	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.887	276	16020	0.54	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.895	278	5235	0.21	ng/ul#	84
26) Benzo(g,h,i)perylene	26.583	276	13264	0.53	ng/ul	98

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

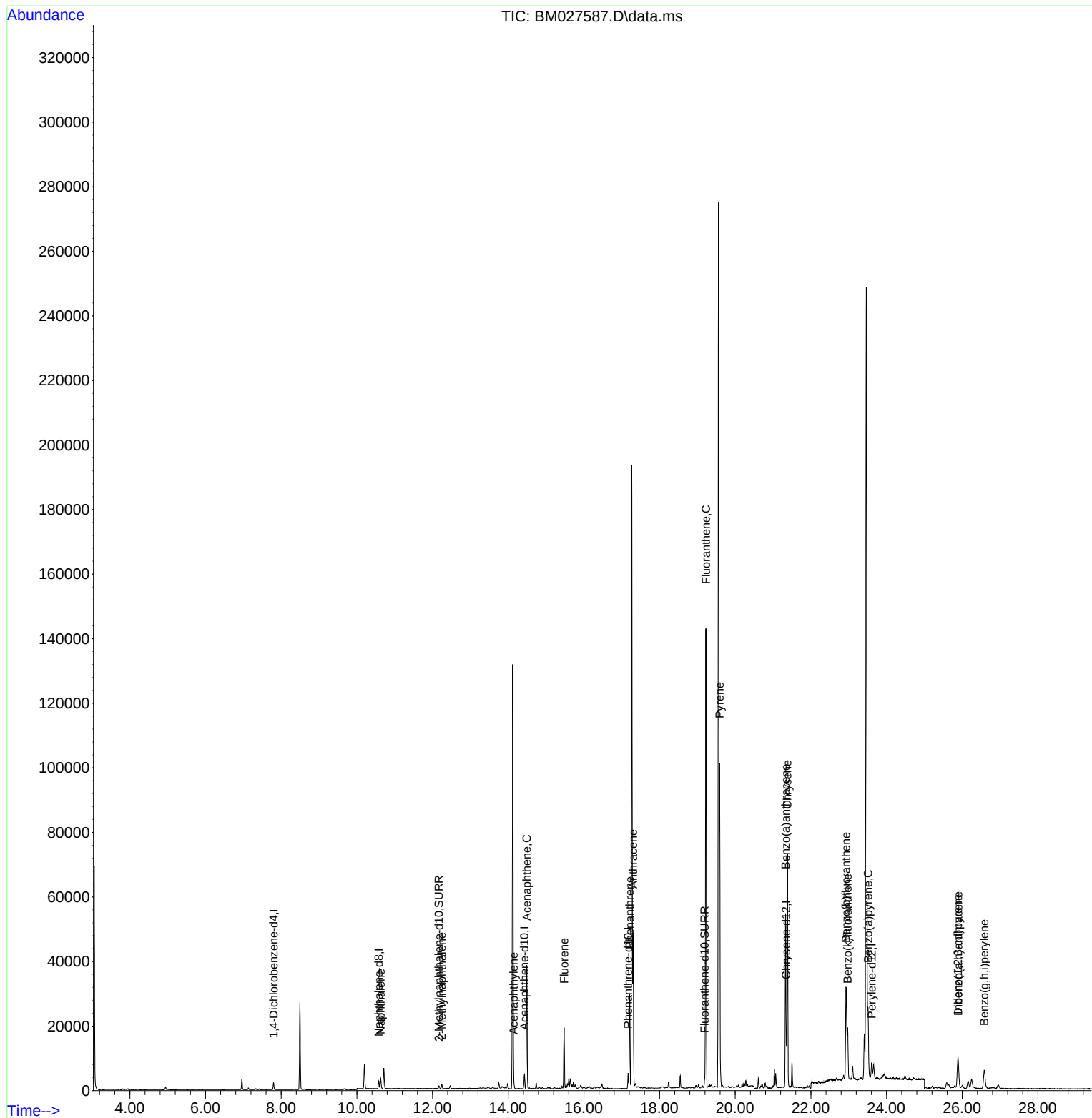
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Data File : BM027587.D
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ALS Vial : 11 Sample Multiplier: 1

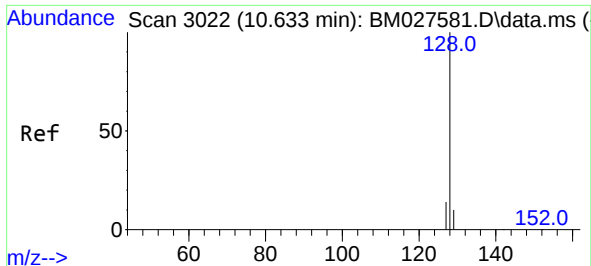
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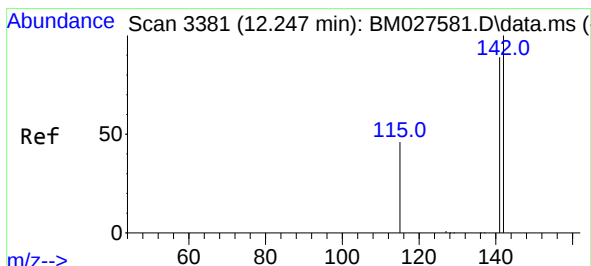
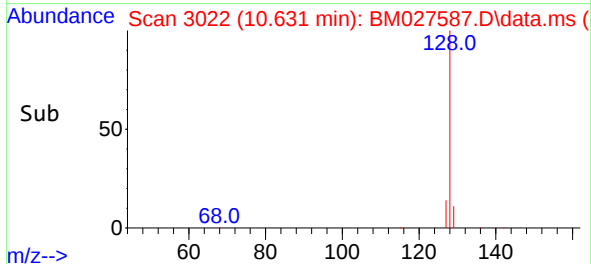
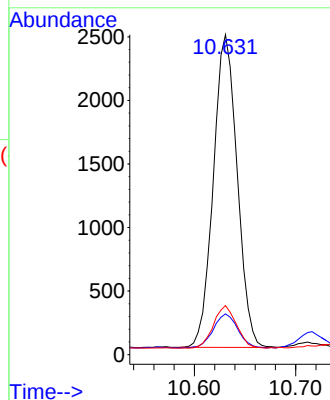
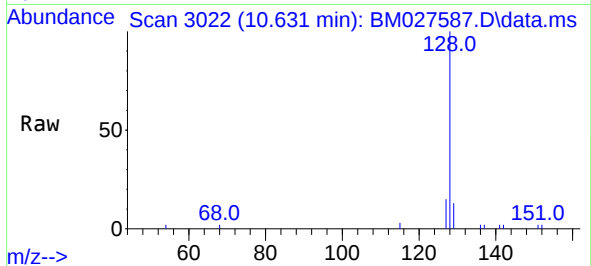
#3
Naphthalene
Concen: 0.43 ng/ul
RT: 10.631 min Scan# 3022
Delta R.T. -0.002 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	128	Resp:	4023
Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.9	14.9
127	15.3	11.4	17.2

Instrument :
BNA_M
ClientSampleId :
C0AE4

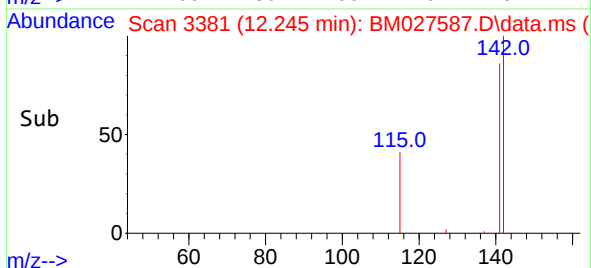
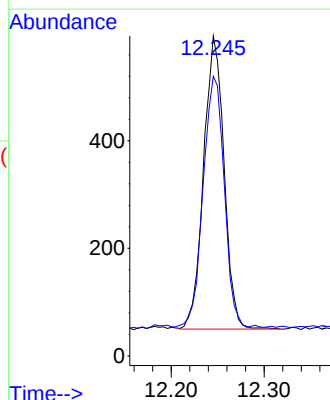
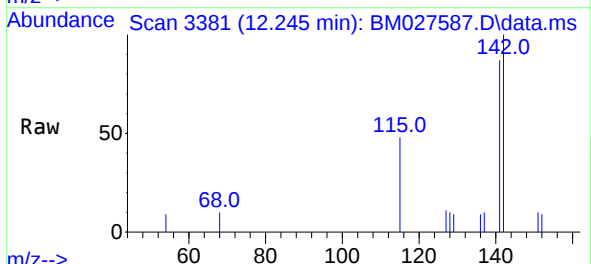
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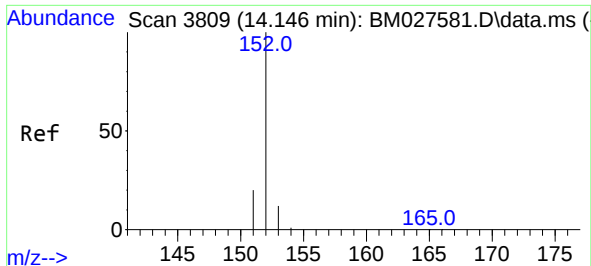
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#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.245 min Scan# 3381
Delta R.T. -0.002 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	142	Resp:	835
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3





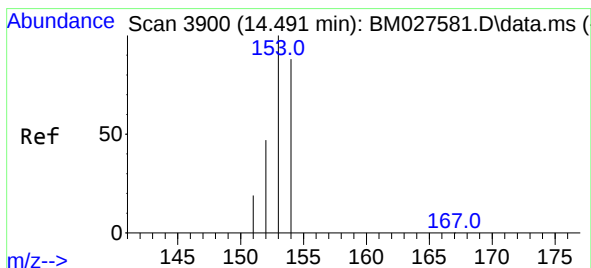
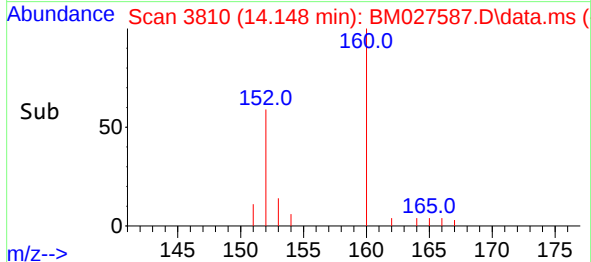
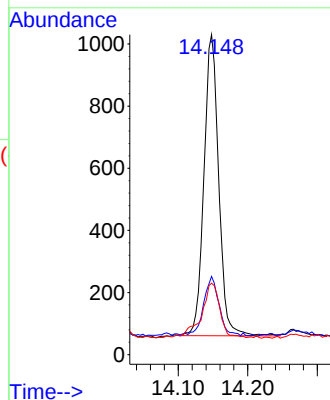
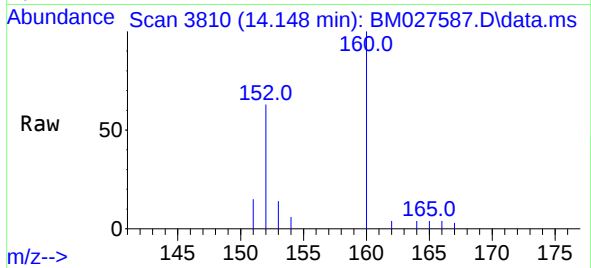
#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.148 min Scan# 3810
Delta R.T. -0.002 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	152	Resp:	1432
Ion Ratio	Lower	Upper	
152	100		
151	24.5	16.6	24.8
153	22.3	11.4	17.0#

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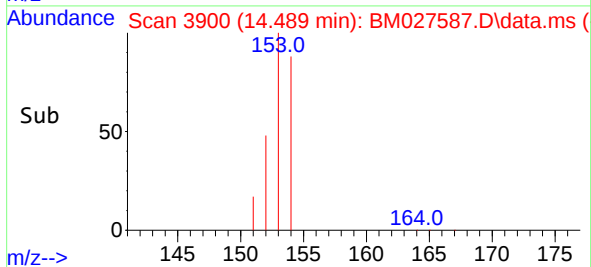
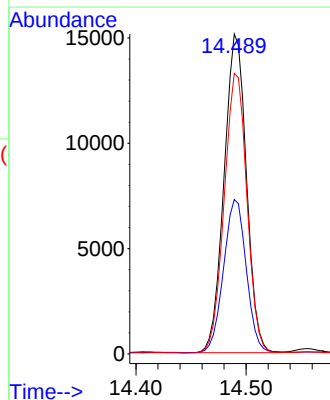
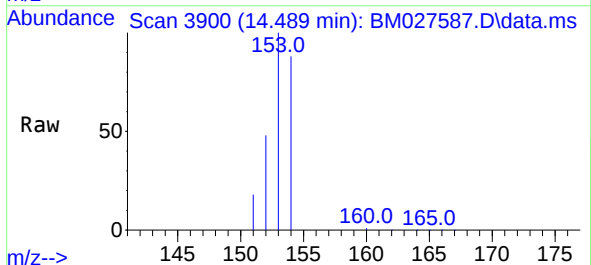
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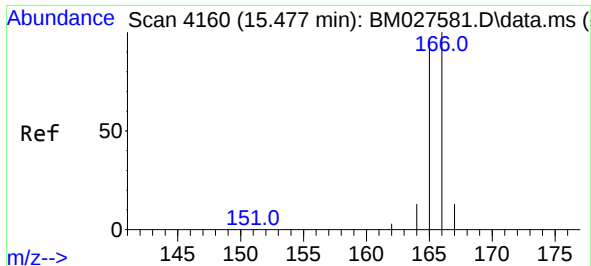
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#8
Acenaphthene
Concen: 2.52 ng/ul
RT: 14.489 min Scan# 3900
Delta R.T. -0.006 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	153	Resp:	21357
Ion Ratio	Lower	Upper	
153	100		
152	48.2	42.8	64.2
154	87.7	69.0	103.6





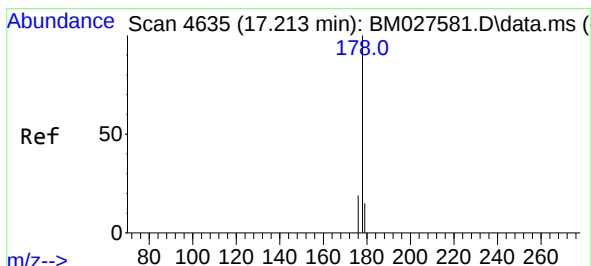
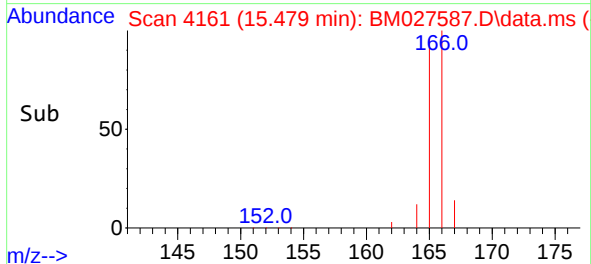
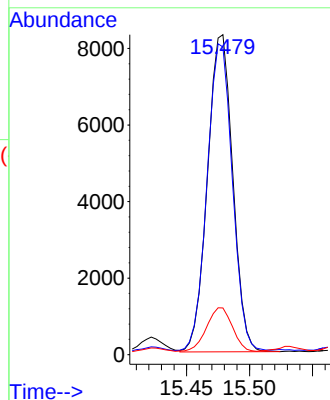
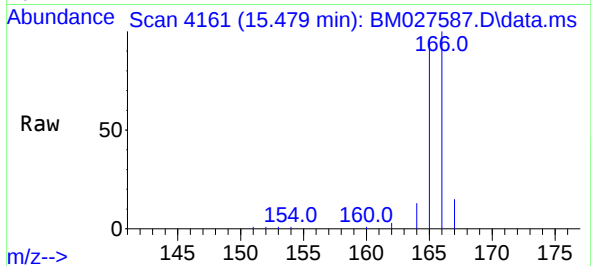
#9
Fluorene
Concen: 1.10 ng/ul
RT: 15.479 min Scan# 4161
Delta R.T. 0.002 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	166	Resp:	11571
Ion Ratio	Lower	Upper	
166	100		
165	96.2	77.2	115.8
167	14.6	11.1	16.7

Instrument :
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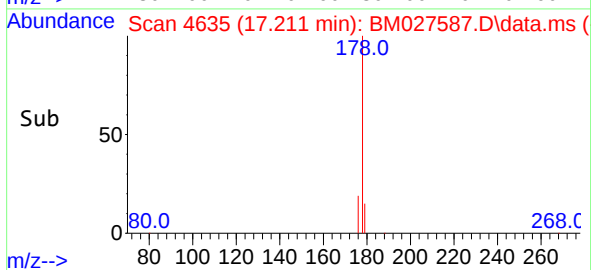
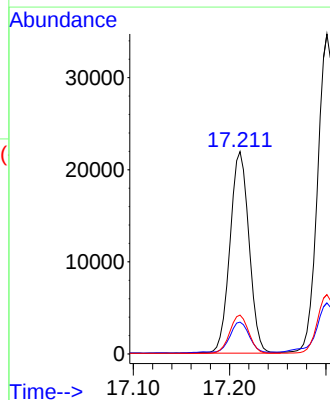
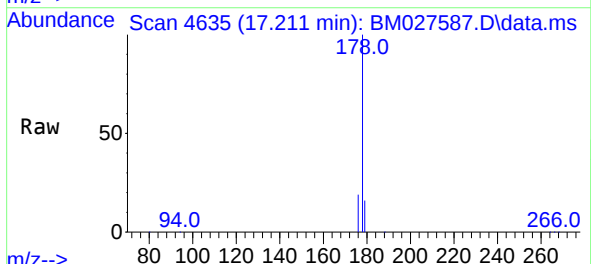
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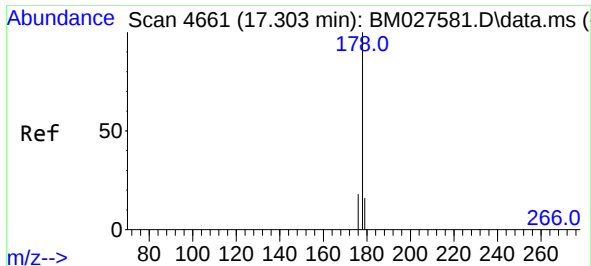
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#12
Phenanthrene
Concen: 1.69 ng/ul
RT: 17.211 min Scan# 4635
Delta R.T. -0.002 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

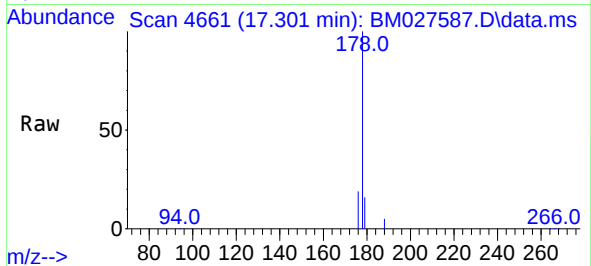
Tgt Ion:	178	Resp:	30011
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	19.2	15.3	22.9





#13
 Anthracene
 Concen: 2.68 ng/ul
 RT: 17.301 min Scan# 4661
 Delta R.T. -0.002 min
 Lab File: BM027587.D
 Acq: 02 Oct 2020 18:46

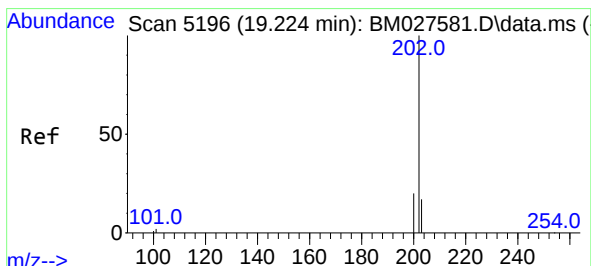
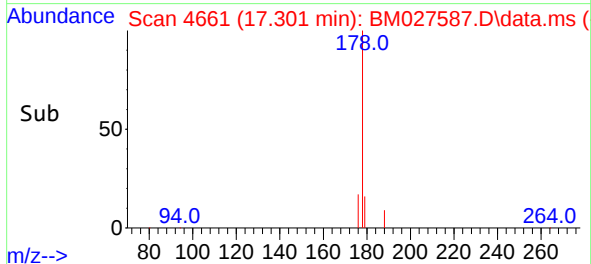
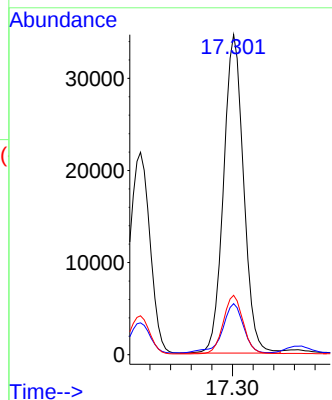
Instrument :
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 ClientSampleId :
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Tgt Ion:	178	Resp:	46553
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	18.6	15.2	22.8

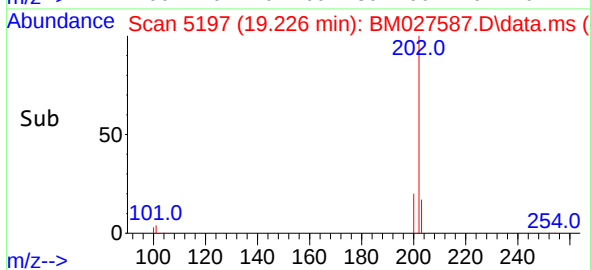
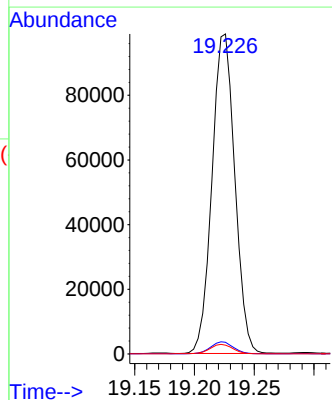
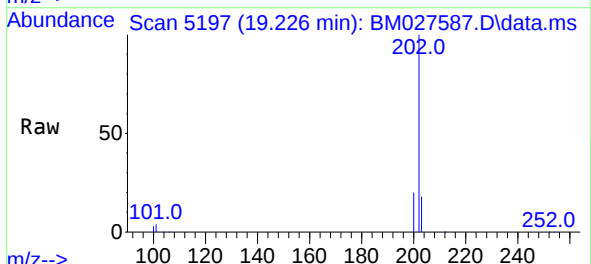
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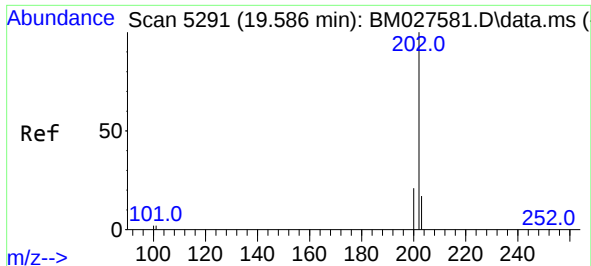
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#15
 Fluoranthene
 Concen: 6.16 ng/ul
 RT: 19.226 min Scan# 5197
 Delta R.T. -0.002 min
 Lab File: BM027587.D
 Acq: 02 Oct 2020 18:46

Tgt Ion:	202	Resp:	131550
Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	24.9
100	2.8	0.0	24.1





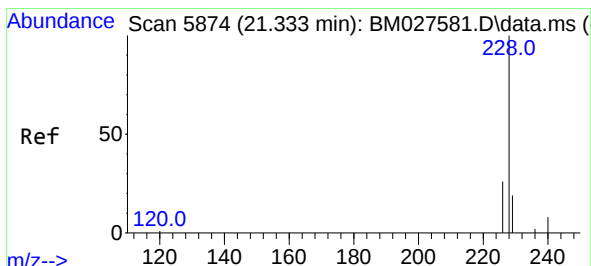
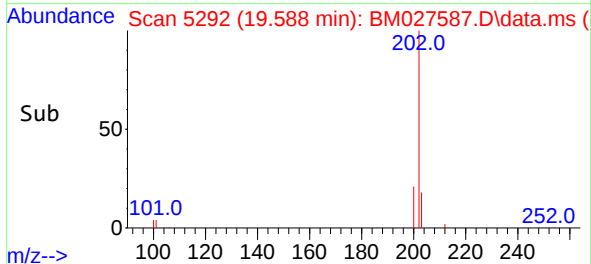
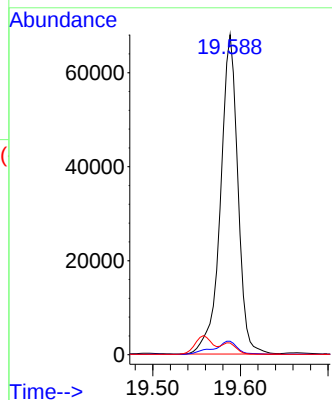
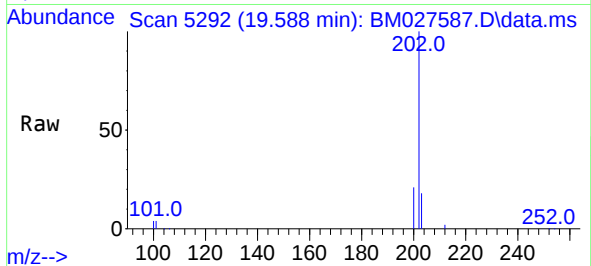
#17
Pyrene
Concen: 3.16 ng/ul
RT: 19.588 min Scan# 5292
Delta R.T. -0.002 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:202 Resp: 93885
Ion Ratio Lower Upper
202 100
101 4.2 4.7 7.1#
100 3.7 3.9 5.9#

Instrument :
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ClientSampleId :
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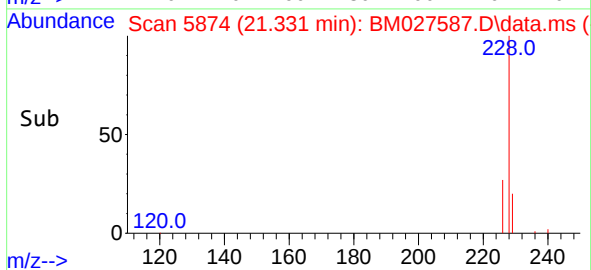
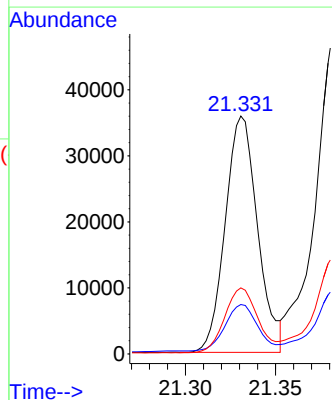
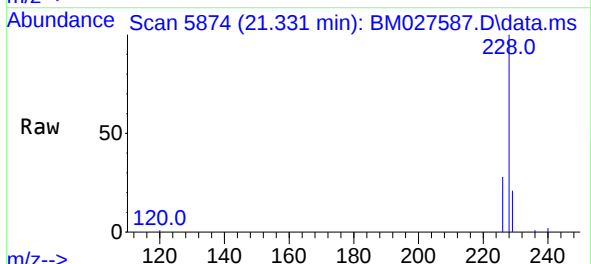
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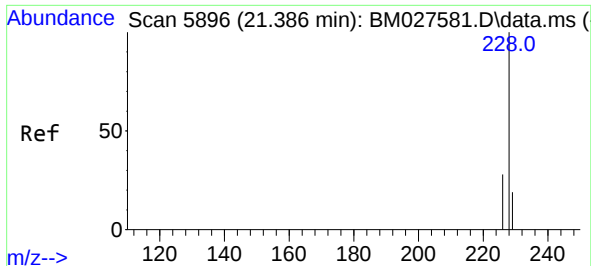
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#18
Benzo(a)anthracene
Concen: 1.75 ng/ul
RT: 21.331 min Scan# 5874
Delta R.T. -0.005 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:228 Resp: 44753
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 27.8 21.8 32.8





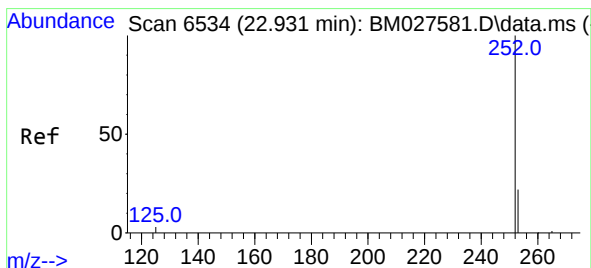
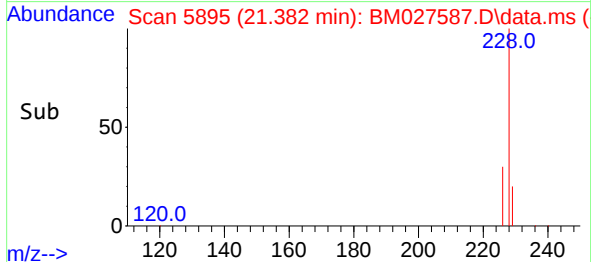
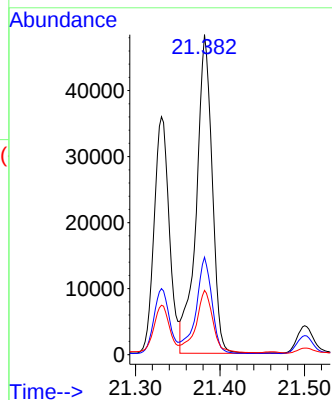
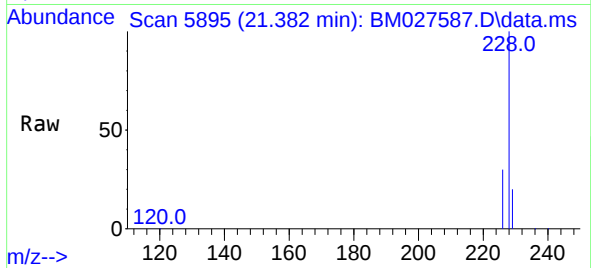
#19
Chrysene
Concen: 2.37 ng/ul
RT: 21.382 min Scan# 5895
Delta R.T. -0.005 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:228	Resp: 62739
Ion Ratio	Lower Upper
228 100	
226 30.4	24.2 36.4
229 20.1	15.8 23.8

Instrument :
BNA_M
ClientSampled :
C0AE4

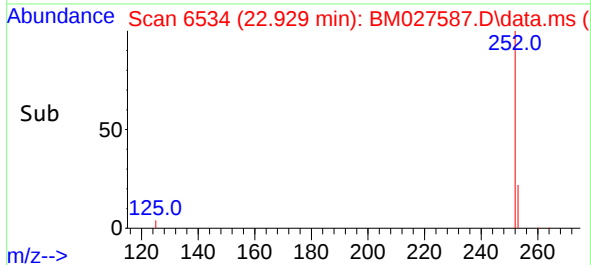
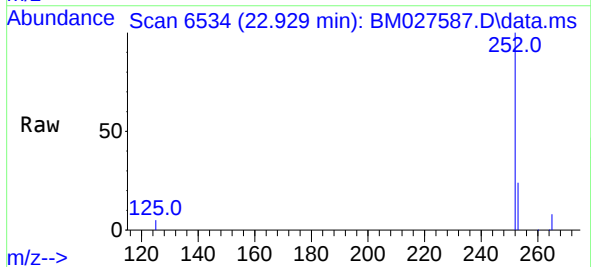
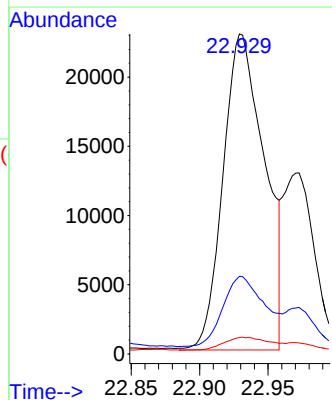
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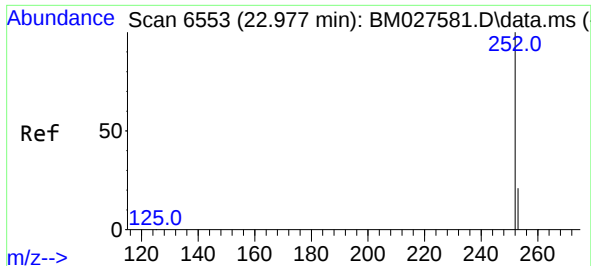
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#21
Benzo(b)fluoranthene
Concen: 1.87 ng/ul m
RT: 22.929 min Scan# 6534
Delta R.T. -0.005 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:252	Resp: 48110
Ion Ratio	Lower Upper
252 100	
253 24.2	0.0 48.2
125 5.1	0.0 10.6





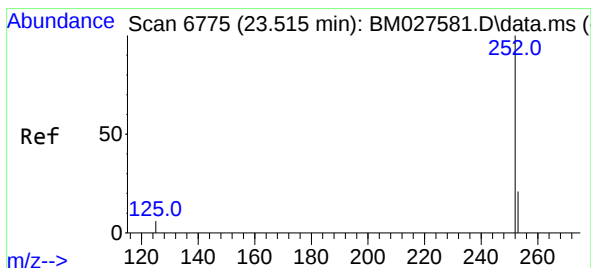
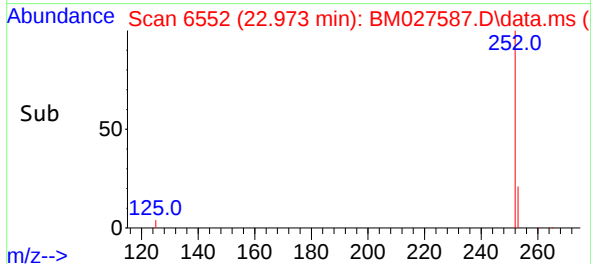
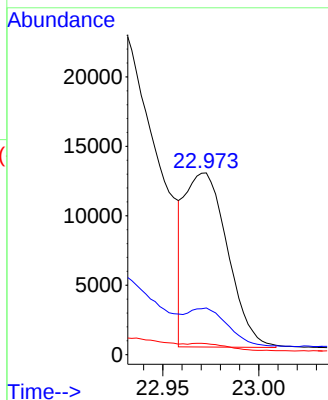
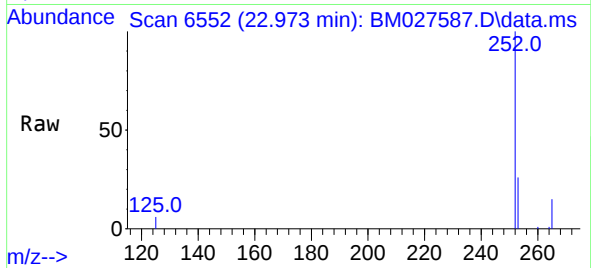
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Benzo(k)fluoranthene
Concen: 0.73 ng/ul m
RT: 22.973 min Scan# 6552
Delta R.T. -0.007 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	252	Resp:	19427
Ion Ratio	Lower	Upper	
252	100		
253	25.7	19.1	28.7
125	6.1	5.0	7.4

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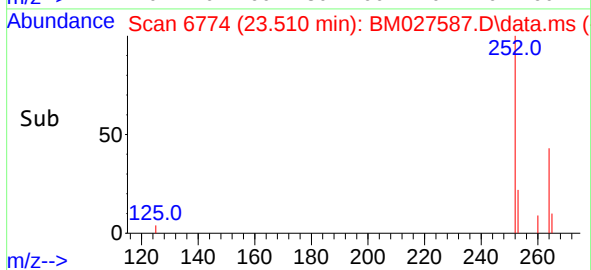
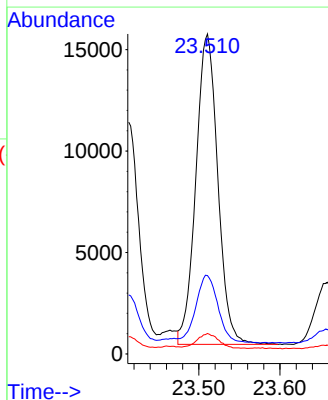
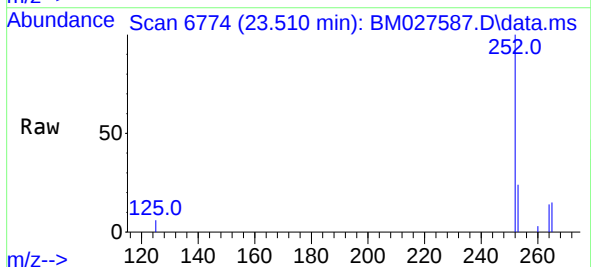
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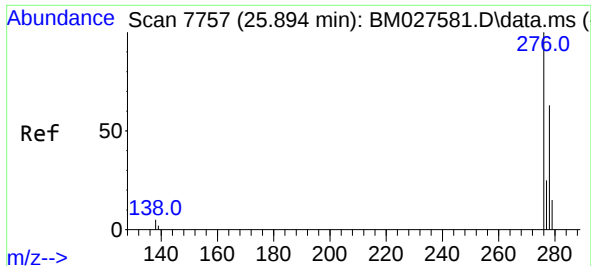
mohammad
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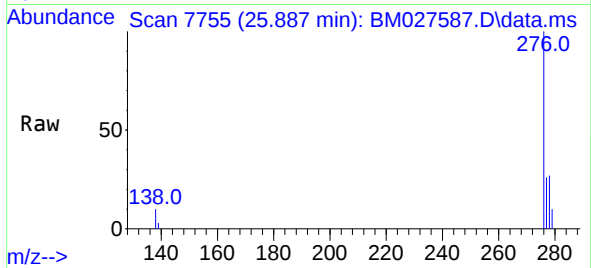
#23
Benzo(a)pyrene
Concen: 1.25 ng/ul
RT: 23.510 min Scan# 6774
Delta R.T. -0.005 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	252	Resp:	28708
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.6	29.4
125	6.4	5.0	7.6

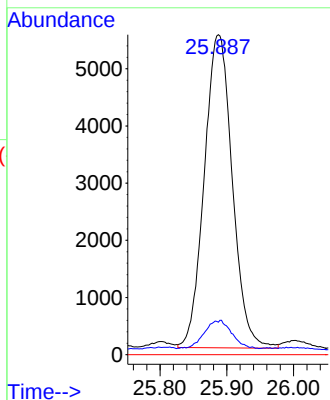




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng/ul
RT: 25.887 min Scan# 7755
Delta R.T. -0.007 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46



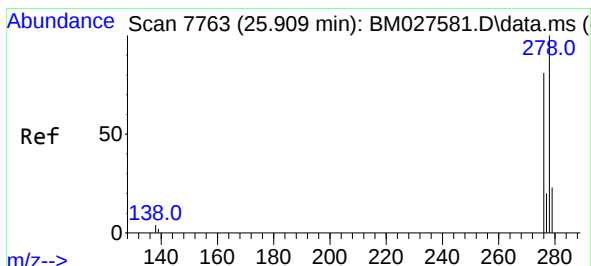
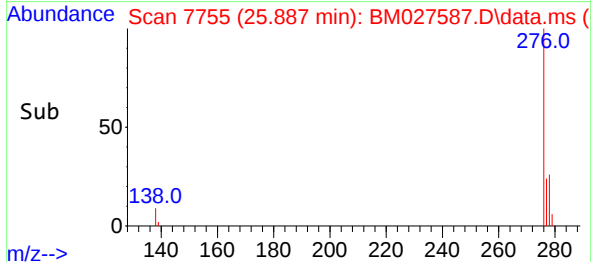
Tgt Ion: 276 Resp: 16020
Ion Ratio Lower Upper
276 100
138 8.8 8.6 12.8
227 0.0 0.0 0.0



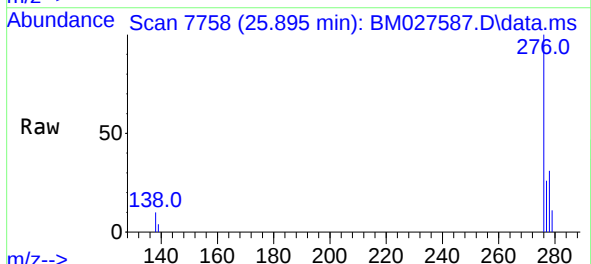
Instrument :
BNA_M
ClientSampleId :
C0AE4

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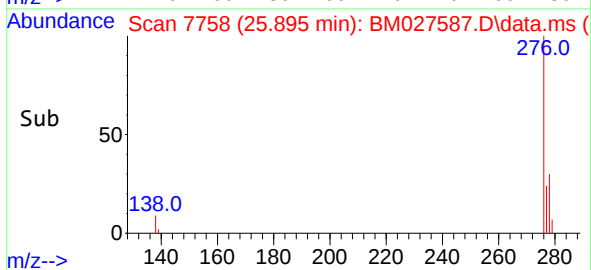
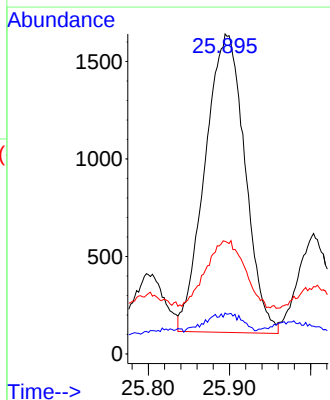
mohammad
10/5/2020 10:28:53 AM

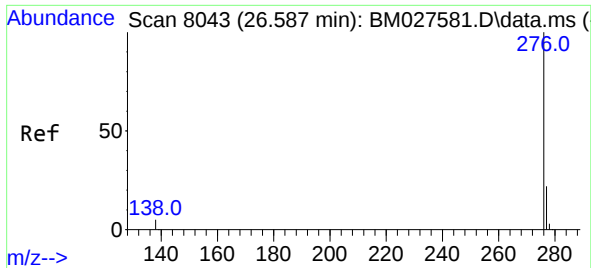


#25
Dibenzo(a,h)anthracene
Concen: 0.21 ng/ul
RT: 25.895 min Scan# 7758
Delta R.T. -0.017 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46



Tgt Ion: 278 Resp: 5235
Ion Ratio Lower Upper
278 100
139 12.8 7.6 11.4#
279 35.2 20.7 31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.53 ng/ul
RT: 26.583 min Scan# 8042
Delta R.T. -0.012 min
Lab File: BM027587.D
Acq: 02 Oct 2020 18:46

Tgt Ion:	276	Resp:	13264
Ion Ratio	Lower	Upper	
276	100		
138	10.6	9.0	13.4
277	25.3	19.4	29.0

Instrument :
BNA_M
ClientSampleId :
C0AE4

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mohammad
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