

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
 Data File : BM027594.D
 Acq On : 02 Oct 2020 23:00
 Operator : JU/CG
 Sample : L4166-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE2

Manual Integrations
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mohammad
 10/5/2020 10:29:20 AM

Quant Time: Oct 03 01:38:22 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	7.796	152	1170	0.40	ng/ul	0.00
2) Naphthalene-d8	10.581	136	3461	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.429	164	2558	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.169	188	6615	0.40	ng/ul	0.00
16) Chrysene-d12	21.343	240	7984	0.40	ng/ul	0.00
20) Perylene-d12	23.605	264	8594	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.169	152	1042	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	3913	0.22	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.631	128	3780	0.37	ng/ul	99
5) 2-Methylnaphthalene	12.245	142	544	0.07	ng/ul	99
7) Acenaphthylene	14.144	152	1179	0.09	ng/ul#	80
8) Acenaphthene	14.489	153	20480	2.20	ng/ul	96
9) Fluorene	15.475	166	8342	0.73	ng/ul	99
12) Phenanthrene	17.211	178	18065	0.88	ng/ul	100
13) Anthracene	17.301	178	16404	0.82	ng/ul	99
15) Fluoranthene	19.222	202	120881	4.92	ng/ul	96
17) Pyrene	19.584	202	84427	2.32	ng/ul#	96
18) Benzo(a)anthracene	21.328	228	32214	1.03	ng/ul	97
19) Chrysene	21.379	228	34334	1.06	ng/ul	99
21) Benzo(b)fluoranthene	22.924	252	32200m	0.93	ng/ul	
22) Benzo(k)fluoranthene	22.965	252	12044m	0.33	ng/ul	
23) Benzo(a)pyrene	23.506	252	17917	0.58	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.883	276	9579	0.24	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.887	278	3072	0.09	ng/ul#	73
26) Benzo(g,h,i)perylene	26.578	276	7408	0.22	ng/ul	95

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

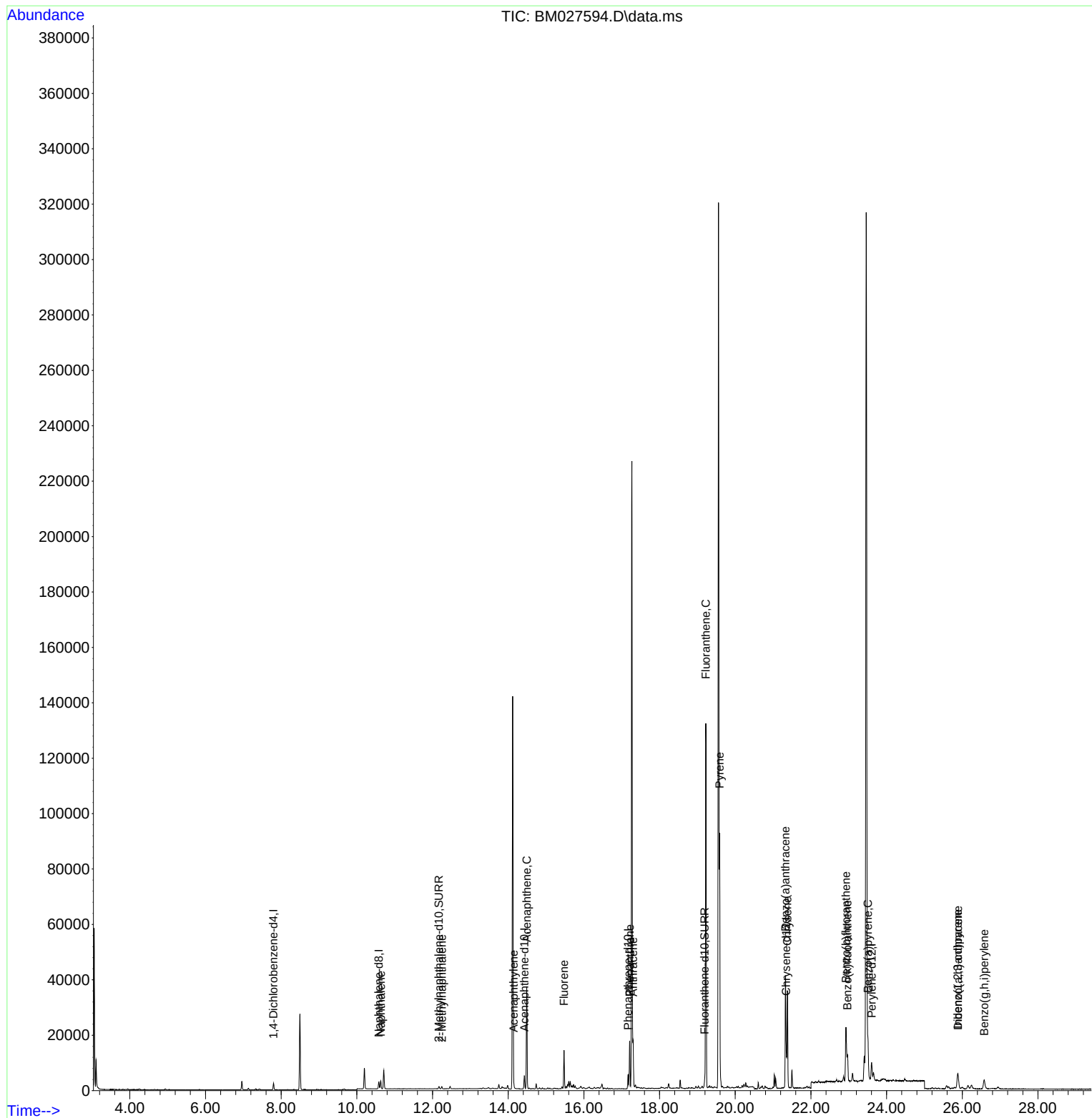
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027594.D
Acq On : 02 Oct 2020 23:00
Operator : JU/CG
Sample : L4166-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

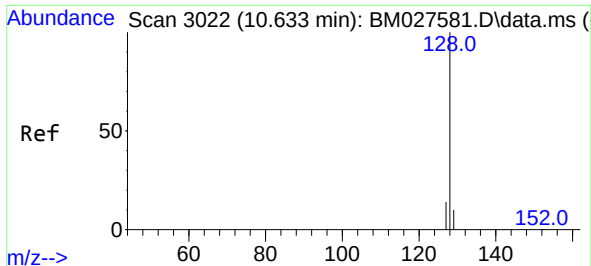
Instrument :
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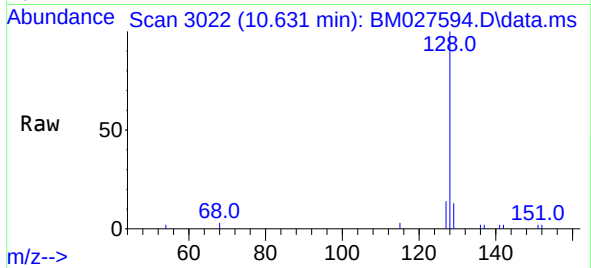
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Quant Time: Oct 03 01:38:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration

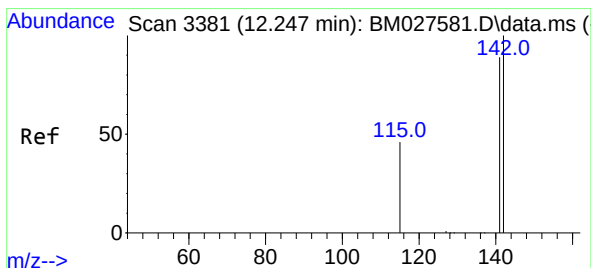
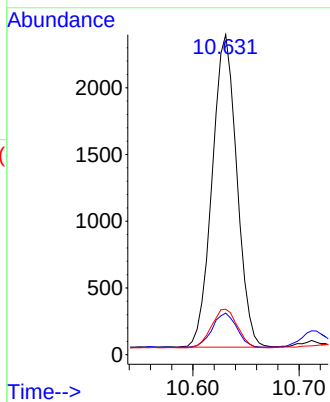
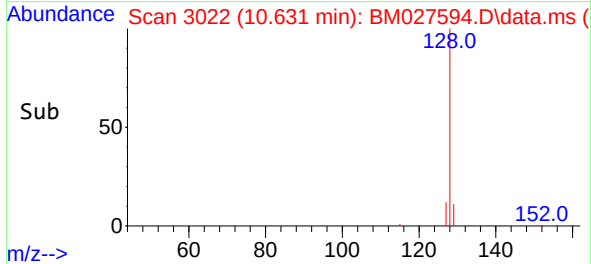




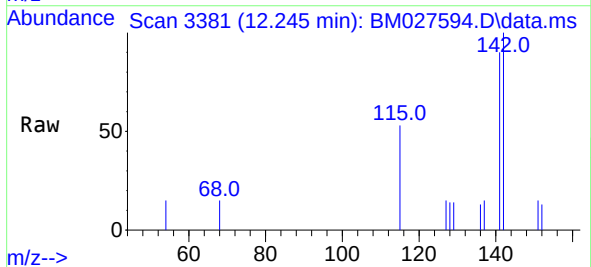
#3
Naphthalene
Concen: 0.37 ng/ul
RT: 10.631 min Scan# 3022
Delta R.T. -0.002 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00



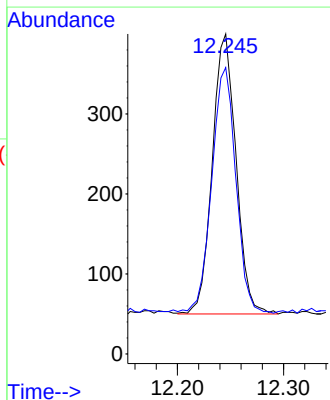
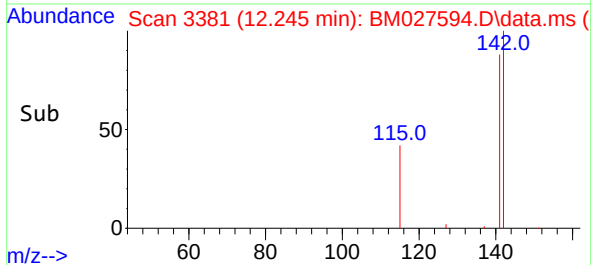
Tgt Ion:128 Resp: 3780
Ion Ratio Lower Upper
128 100
129 13.0 9.9 14.9
127 14.2 11.4 17.2



#5
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.245 min Scan# 3381
Delta R.T. -0.002 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00



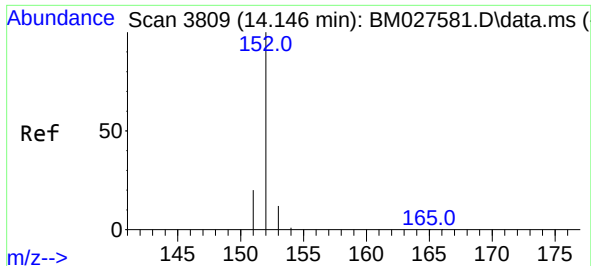
Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



Instrument :
BNA_M
ClientSampleId :
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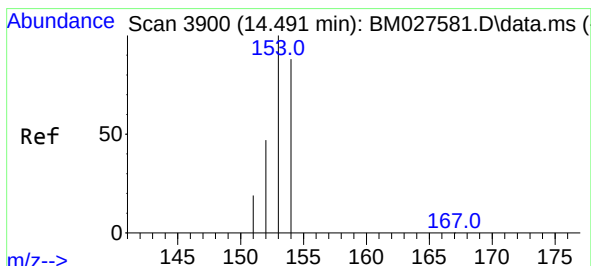
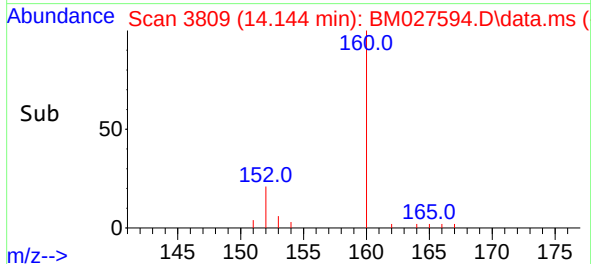
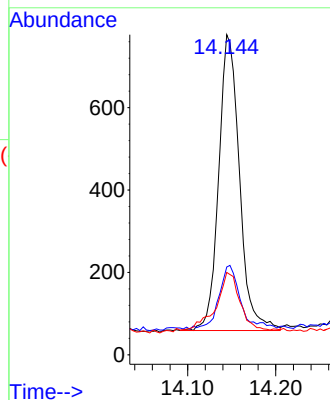
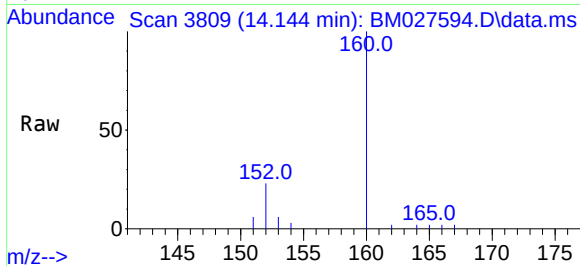
#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.144 min Scan# 3809
Delta R.T. -0.006 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	152	Resp:	1179
Ion	Ratio	Lower	Upper
152	100		
151	27.4	16.6	24.8#
153	25.7	11.4	17.0#

Instrument :
BNA_M
ClientSampled :
C0AE2

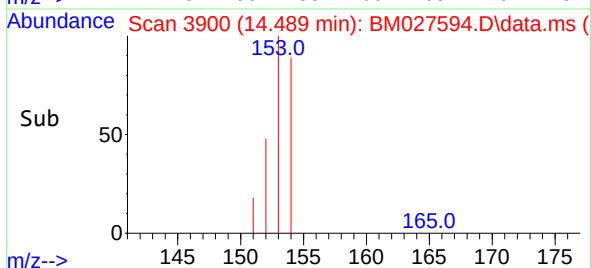
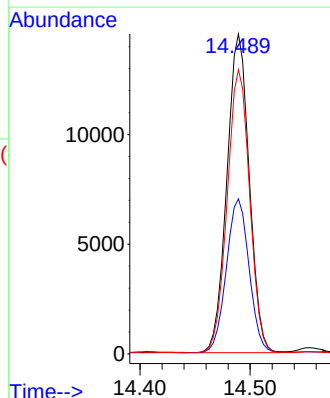
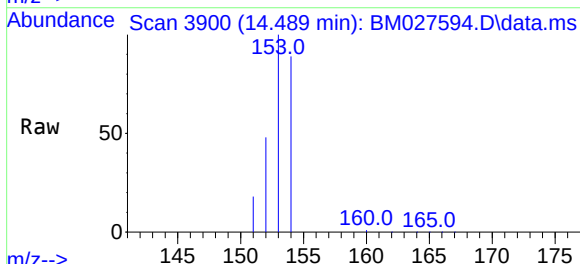
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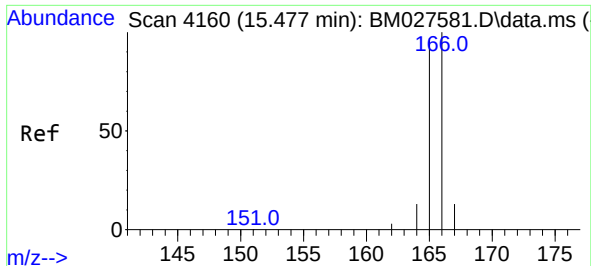
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#8
Acenaphthene
Concen: 2.20 ng/ul
RT: 14.489 min Scan# 3900
Delta R.T. -0.006 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	153	Resp:	20480
Ion	Ratio	Lower	Upper
153	100		
152	48.5	42.8	64.2
154	88.8	69.0	103.6





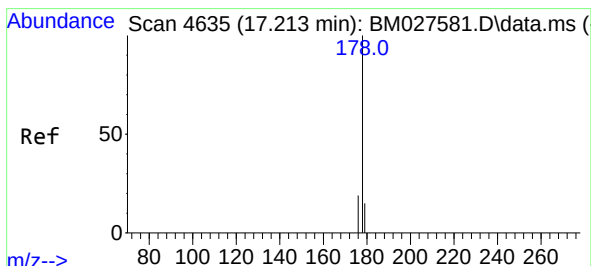
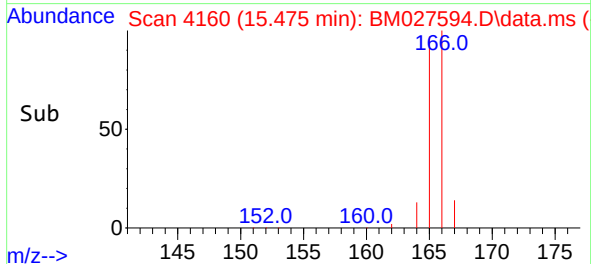
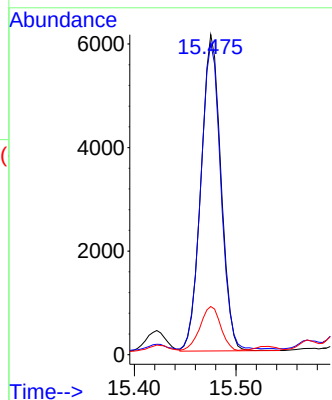
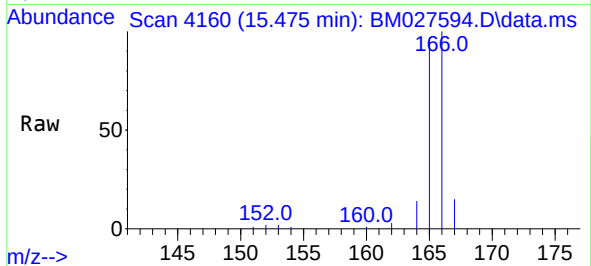
#9
Fluorene
Concen: 0.73 ng/ul
RT: 15.475 min Scan# 4160
Delta R.T. -0.002 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	166	Resp:	8342
Ion Ratio	Lower	Upper	
166	100		
165	97.4	77.2	115.8
167	15.1	11.1	16.7

Instrument :
BNA_M
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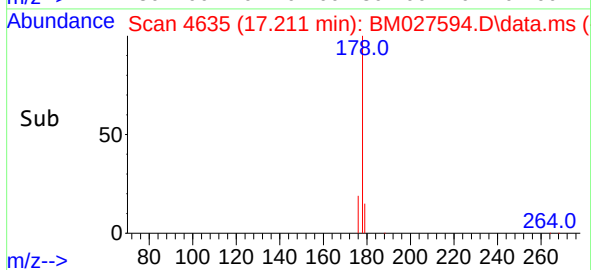
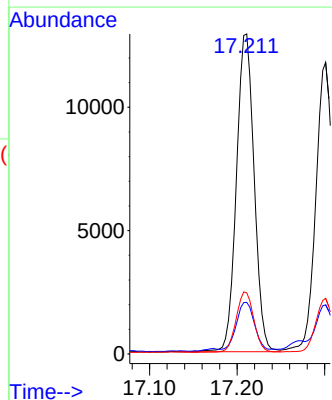
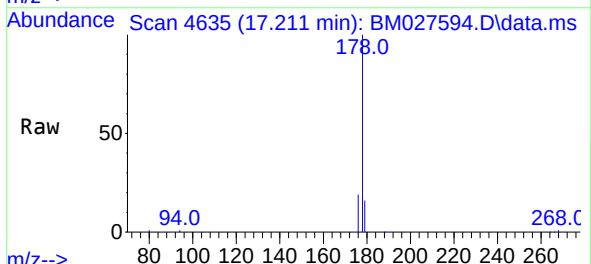
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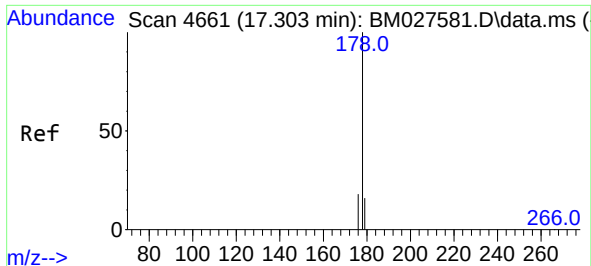
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#12
Phenanthrene
Concen: 0.88 ng/ul
RT: 17.211 min Scan# 4635
Delta R.T. -0.002 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

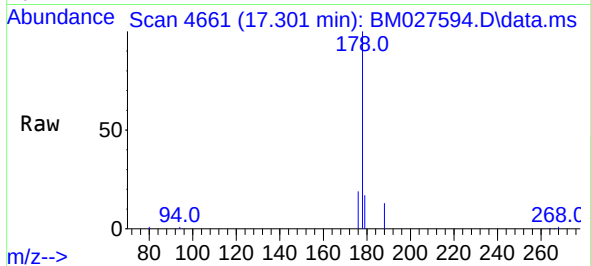
Tgt Ion:	178	Resp:	18065
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.1	15.3	22.9





#13
 Anthracene
 Concen: 0.82 ng/ul
 RT: 17.301 min Scan# 4661
 Delta R.T. -0.002 min
 Lab File: BM027594.D
 Acq: 02 Oct 2020 23:00

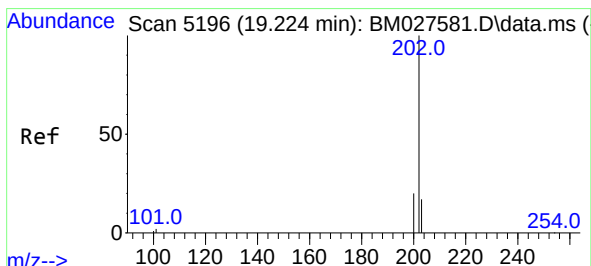
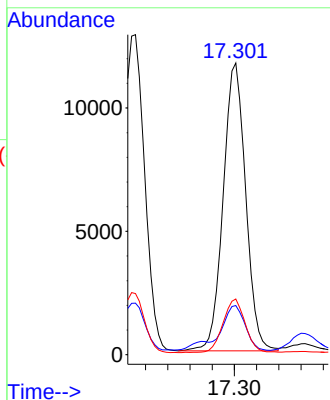
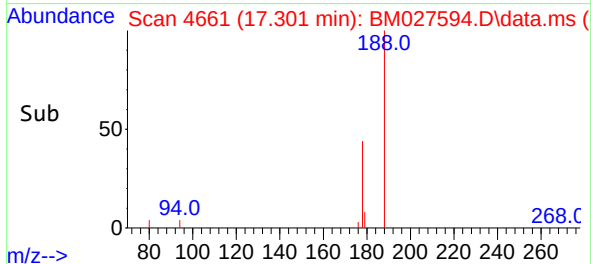
Instrument :
 BNA_M
 ClientSampleId :
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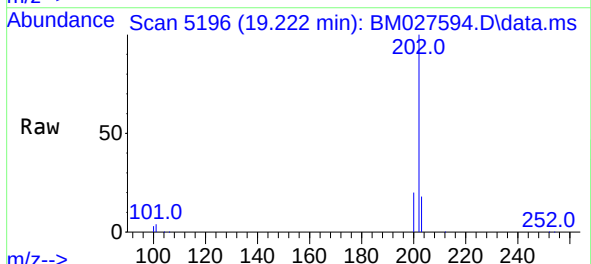
Tgt Ion:	178	Resp:	16404
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.4
176	19.1	15.2	22.8

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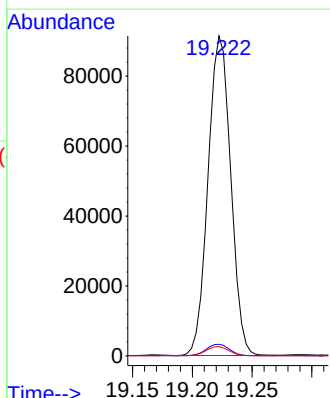
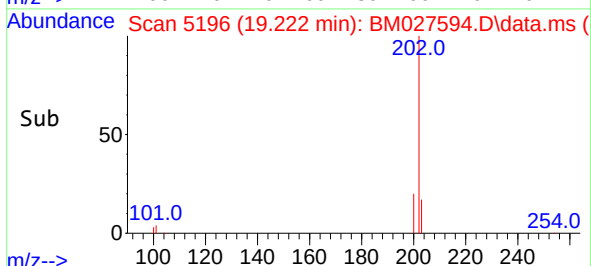
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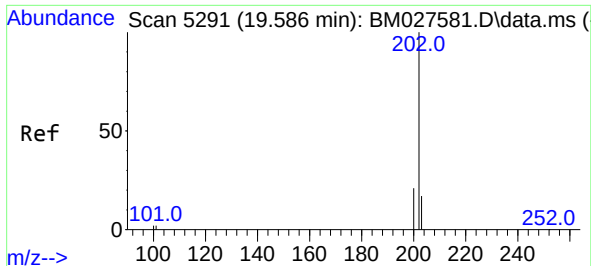


#15
 Fluoranthene
 Concen: 4.92 ng/ul
 RT: 19.222 min Scan# 5196
 Delta R.T. -0.006 min
 Lab File: BM027594.D
 Acq: 02 Oct 2020 23:00



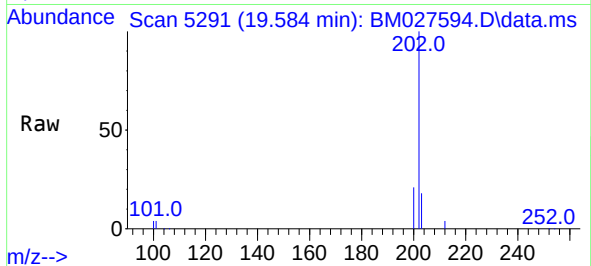
Tgt Ion:	202	Resp:	120881
Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	24.9
100	3.0	0.0	24.1





#17
Pyrene
Concen: 2.32 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. -0.006 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

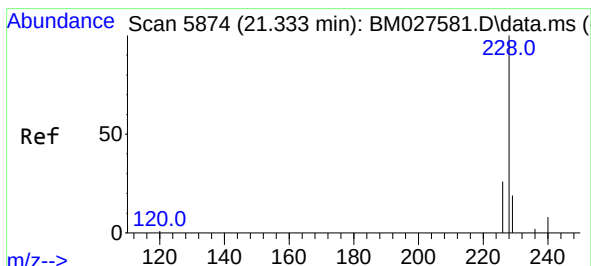
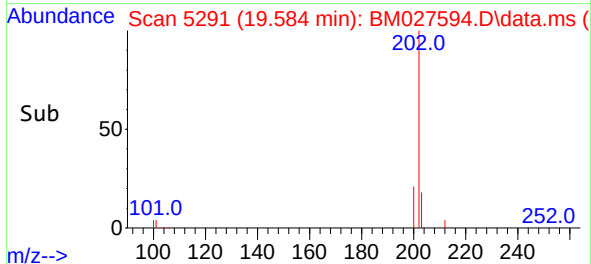
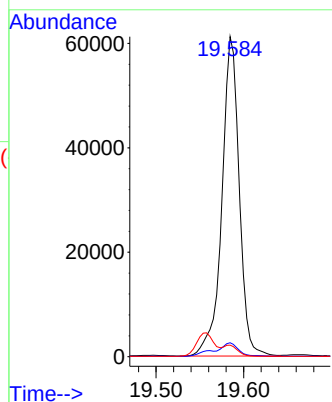
Instrument :
BNA_M
ClientSampleId :
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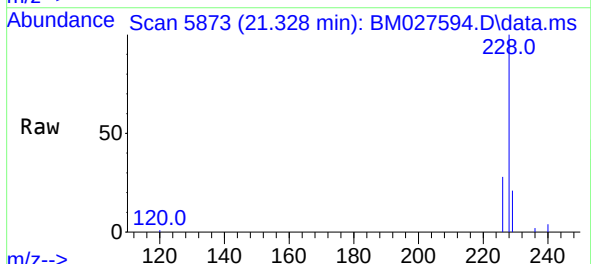
Tgt Ion:202 Resp: 84427
Ion Ratio Lower Upper
202 100
101 4.3 4.7 7.1#
100 3.6 3.9 5.9#

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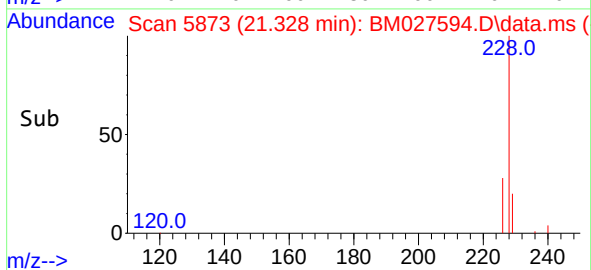
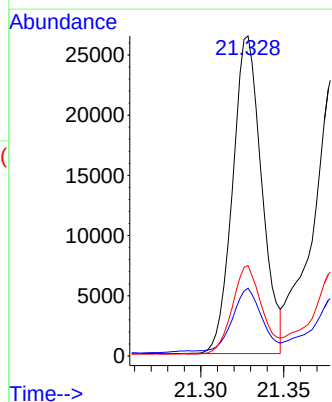
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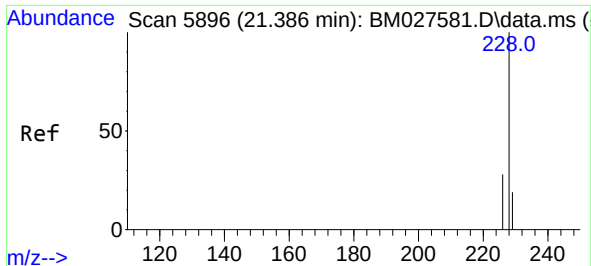


#18
Benzo(a)anthracene
Concen: 1.03 ng/ul
RT: 21.328 min Scan# 5873
Delta R.T. -0.007 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

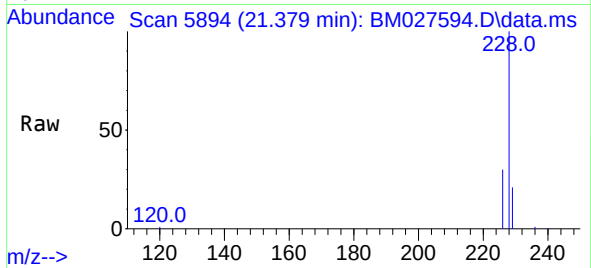


Tgt Ion:228 Resp: 32214
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.2 21.8 32.8

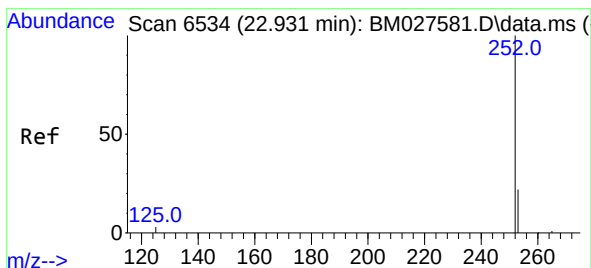
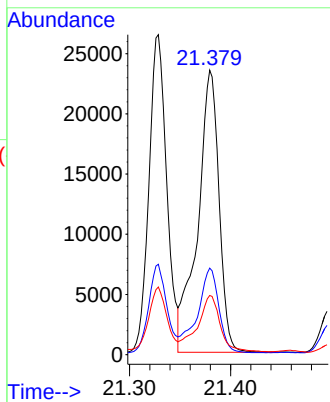
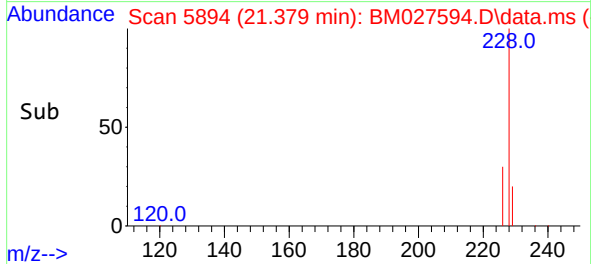




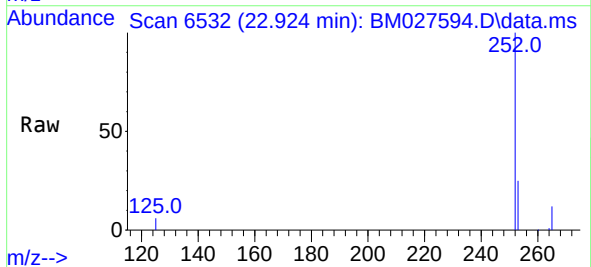
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Chrysene
Concen: 1.06 ng/ul
RT: 21.379 min Scan# 5894
Delta R.T. -0.007 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00



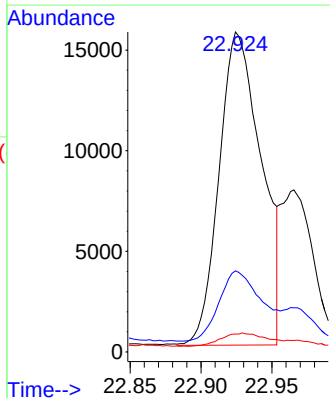
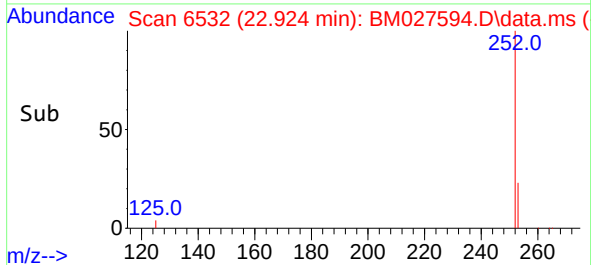
Tgt Ion:228 Resp: 34334
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 20.8 15.8 23.8



#21
Benzo(b)fluoranthene
Concen: 0.93 ng/ul m
RT: 22.924 min Scan# 6532
Delta R.T. -0.009 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00



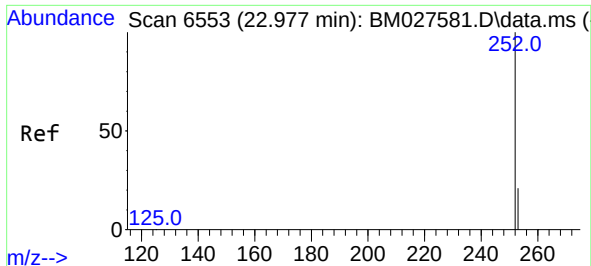
Tgt Ion:252 Resp: 32200
Ion Ratio Lower Upper
252 100
253 25.4 0.0 48.2
125 5.6 0.0 10.6



Instrument :
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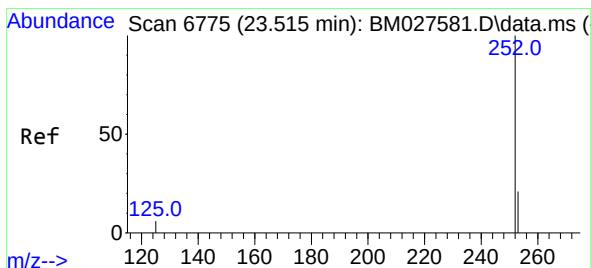
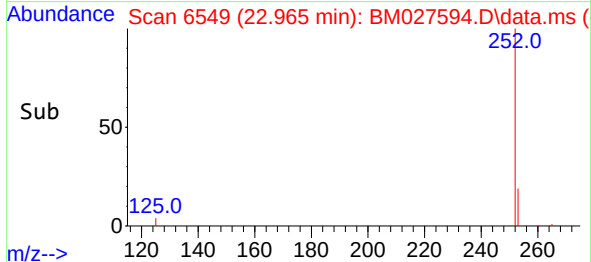
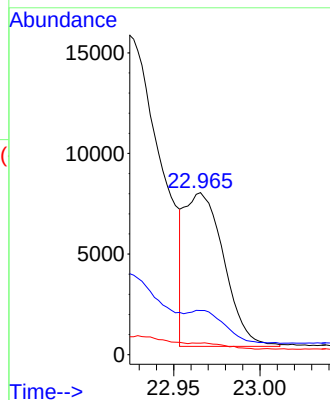
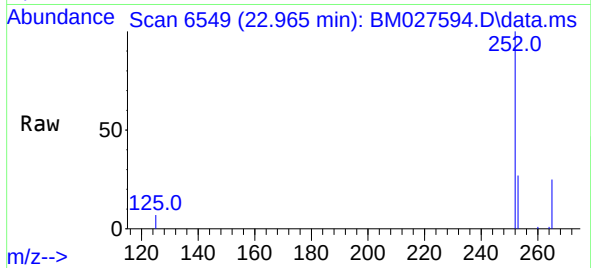
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Concen: 0.33 ng/ul m
RT: 22.965 min Scan# 6549
Delta R.T. -0.014 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	252	Resp:	12044
Ion Ratio	Lower	Upper	
252	100		
253	27.2	19.1	28.7
125	7.1	5.0	7.4

Instrument :
BNA_M
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C0AE2

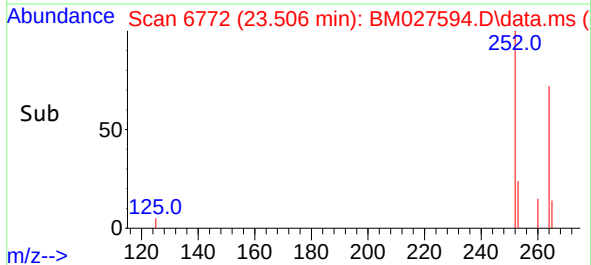
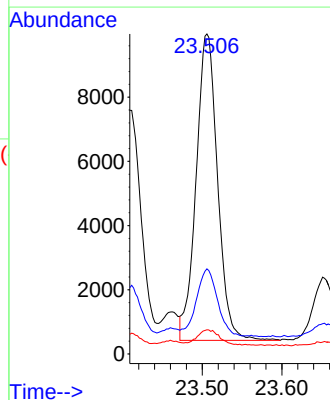
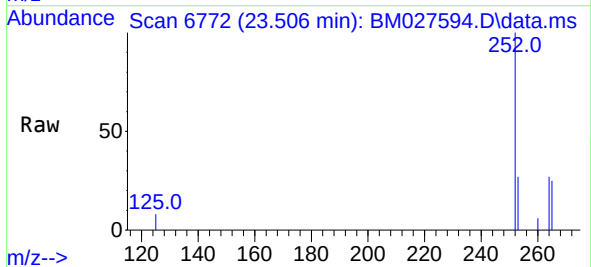
Manual Integrations
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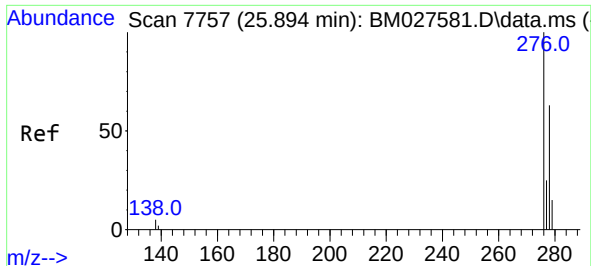
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#23
Benzo(a)pyrene
Concen: 0.58 ng/ul
RT: 23.506 min Scan# 6772
Delta R.T. -0.009 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	252	Resp:	17917
Ion Ratio	Lower	Upper	
252	100		
253	26.6	19.6	29.4
125	7.6	5.0	7.6#





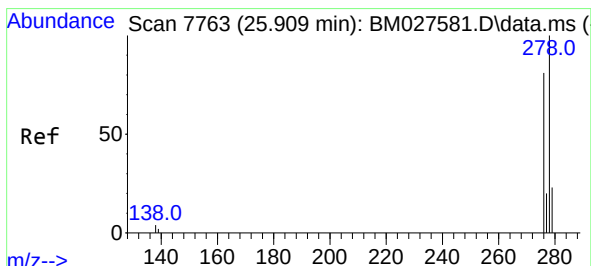
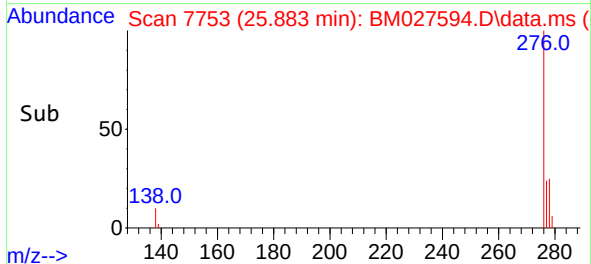
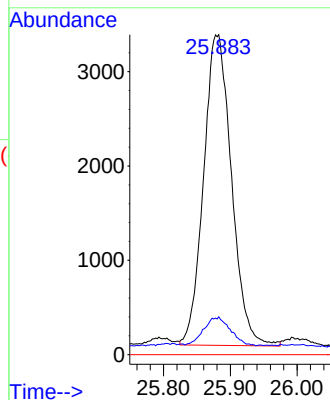
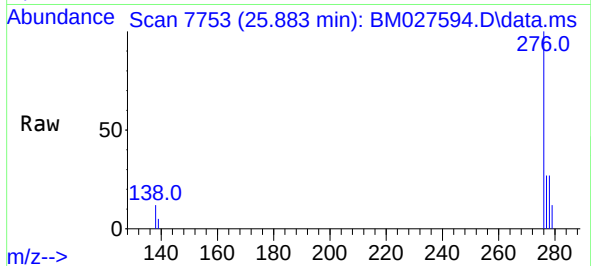
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 25.883 min Scan# 7753
Delta R.T. -0.012 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	276	Resp:	9579
Ion Ratio	Lower	Upper	
276	100		
138	8.7	8.6	12.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
C0AE2

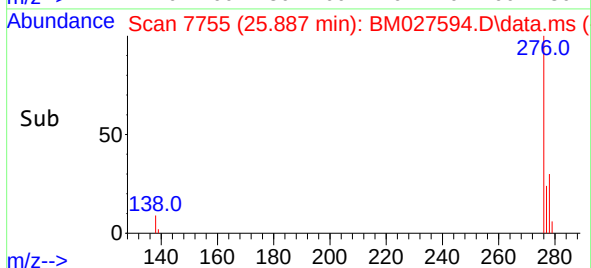
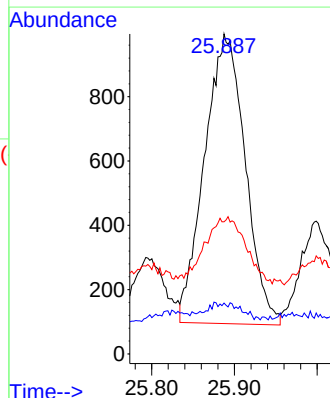
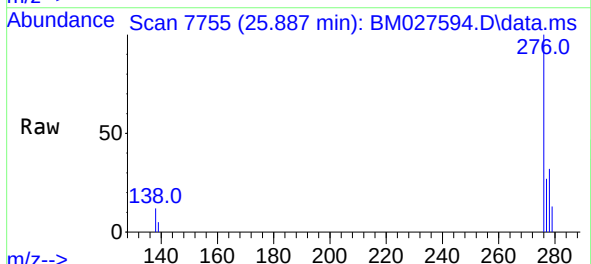
Manual Integrations
APPROVED

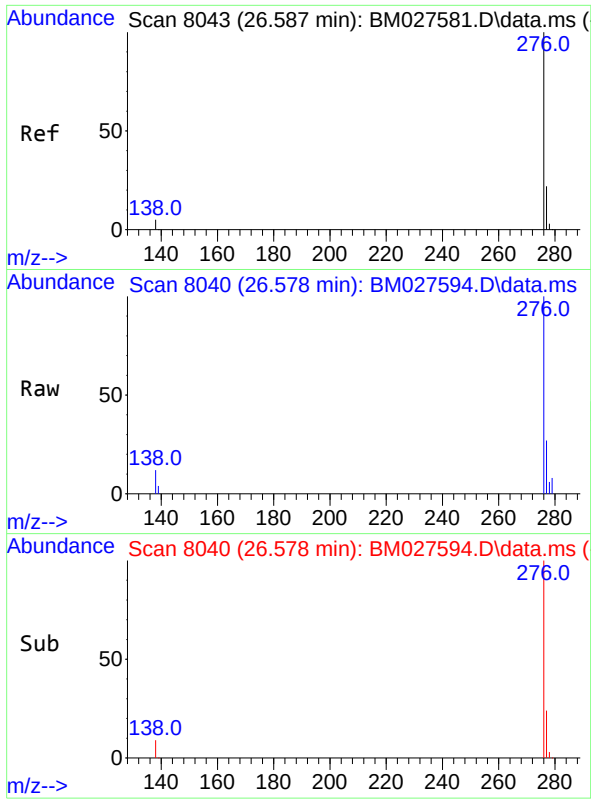
mohammad
10/5/2020 10:29:20 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.887 min Scan# 7755
Delta R.T. -0.024 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

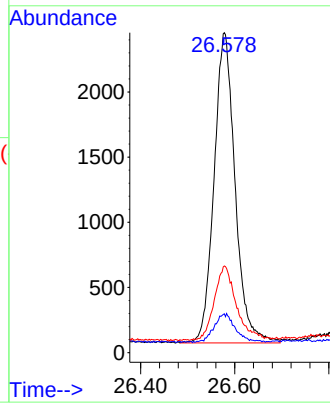
Tgt Ion:	278	Resp:	3072
Ion Ratio	Lower	Upper	
278	100		
139	15.9	7.6	11.4#
279	41.3	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.22 ng/ul
RT: 26.578 min Scan# 8040
Delta R.T. -0.017 min
Lab File: BM027594.D
Acq: 02 Oct 2020 23:00

Tgt Ion:	276	Resp:	7408
Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.0	13.4
277	27.1	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C0AE2

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:20 AM