

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032663.D
 Acq On : 21 Oct 2021 19:02
 Operator : CG/JU
 Sample : M4207-10DL 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B23DL

Manual Integrations
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Quant Time: Oct 22 06:02:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	6188	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	21225	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	11364	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	23093	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	17606	0.40	ng/ul	0.00
23) Perylene-d12	23.254	264	17485	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	1559	0.22	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	713	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	1022	0.02	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	5085	0.08	ng/ul#	95
7) 2-Methylnaphthalene	12.003	142	5947	0.14	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	4274	0.10	ng/ul	100
10) Acenaphthylene	13.924	152	2058	0.04	ng/ul#	87
11) Acenaphthene	14.266	153	10867	0.25	ng/ul	99
12) Fluorene	15.252	166	7322	0.15	ng/ul	99
15) Phenanthrene	16.981	178	51322	0.66	ng/ul	99
16) Anthracene	17.068	178	68577	1.01	ng/ul	99
19) Fluoranthene	18.996	202	161527	1.85	ng/ul	98
20) Pyrene	19.358	202	132514	1.48	ng/ul	99
21) Benzo(a)anthracene	21.104	228	65168	0.95	ng/ul	99
22) Chrysene	21.152	228	130498	1.72	ng/ul	99
24) Benzo(b)fluoranthene	22.619	252	118828m	1.47	ng/ul	
25) Benzo(k)fluoranthene	22.658	252	40175m	0.50	ng/ul	
26) Benzo(a)pyrene	23.160	252	55903	0.83	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.357	276	60228	0.73	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.357	278	16730	0.26	ng/ul	99
29) Benzo(g,h,i)perylene	26.006	276	58012	0.80	ng/ul	98

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

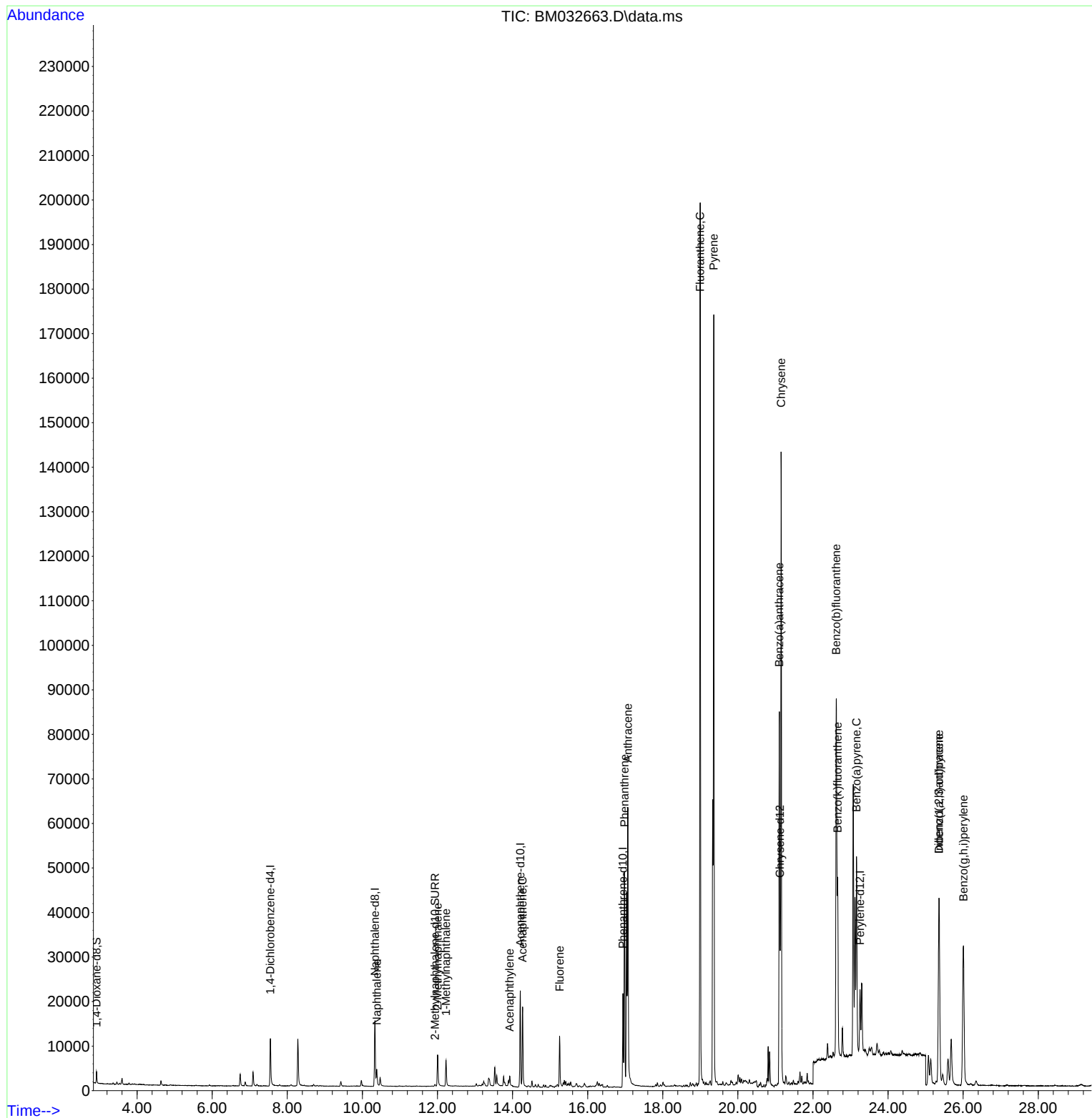
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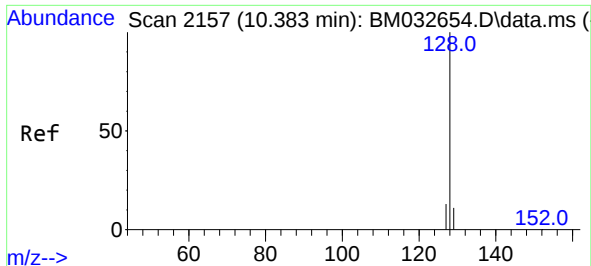
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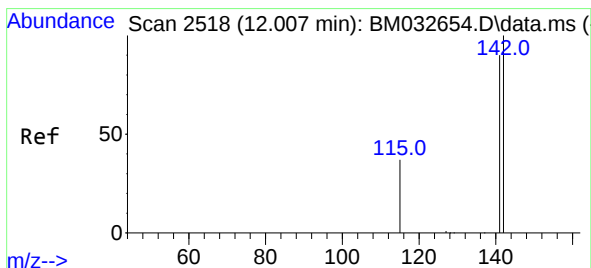
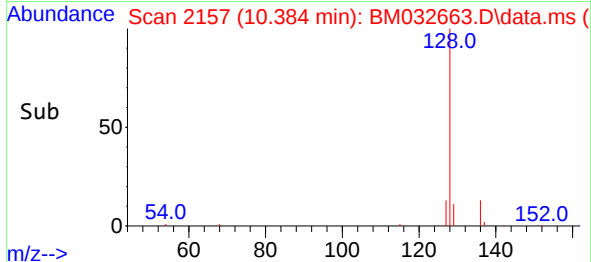
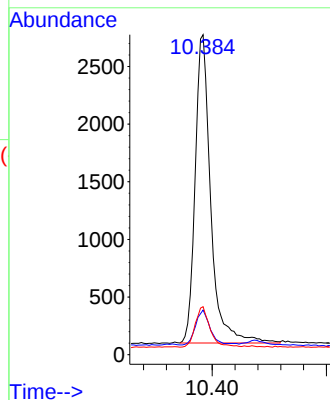
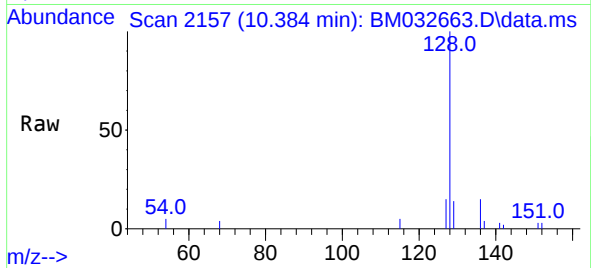
#5
Naphthalene
Concen: 0.08 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:128 Resp: 5085
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7#
127 15.0 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0B23DL

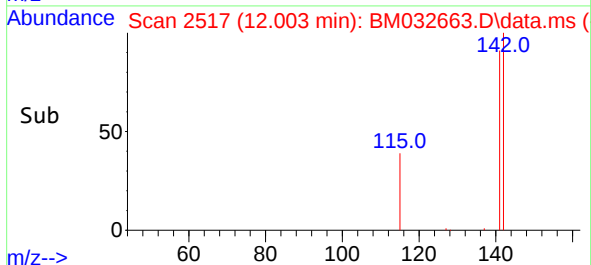
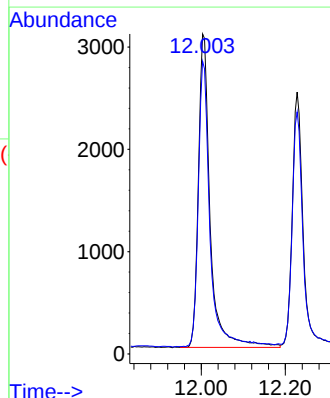
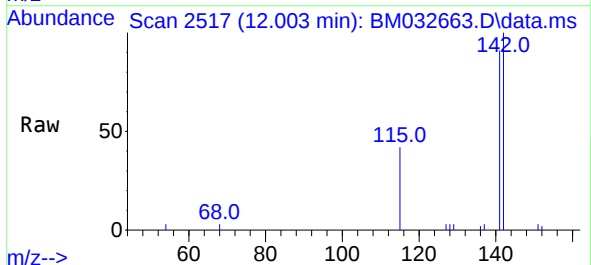
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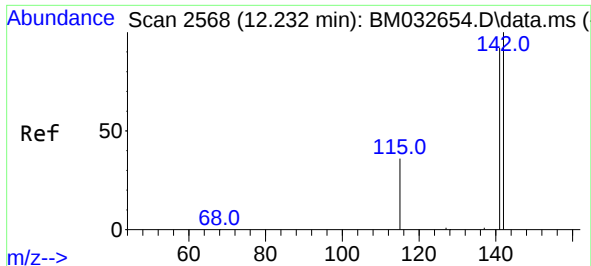
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#7
2-Methylnaphthalene
Concen: 0.14 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.009 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:142 Resp: 5947
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





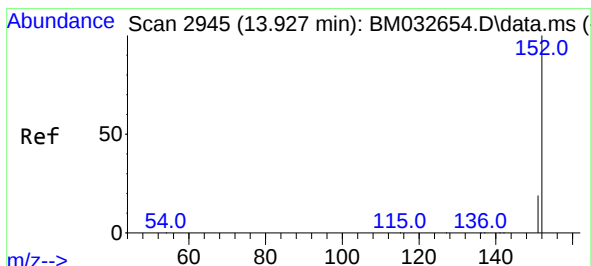
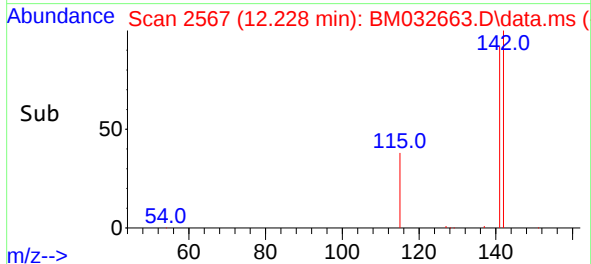
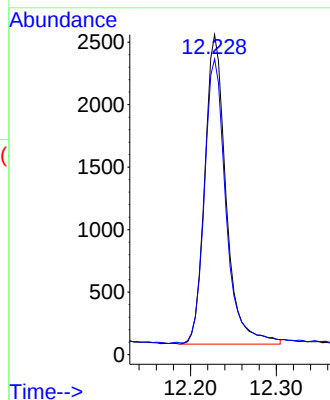
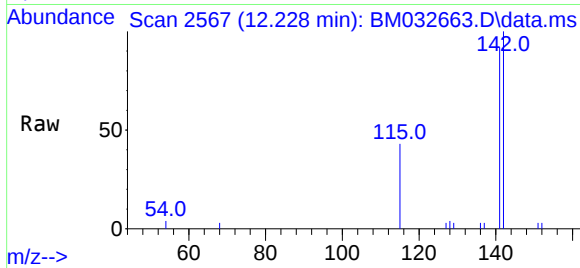
#8
1-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:142 Resp: 4274
Ion Ratio Lower Upper
142 100
141 93.4 74.9 112.3

Instrument :
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ClientSampled :
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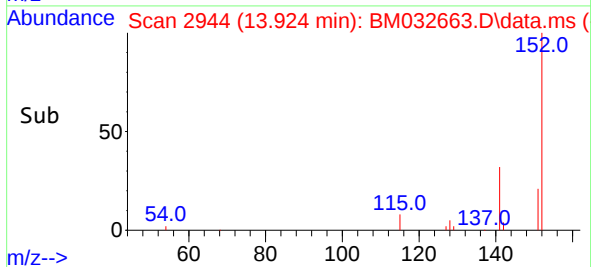
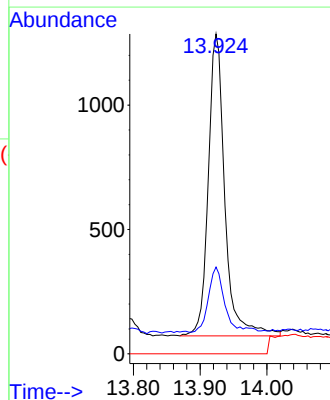
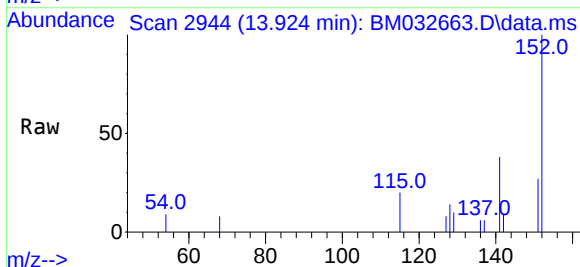
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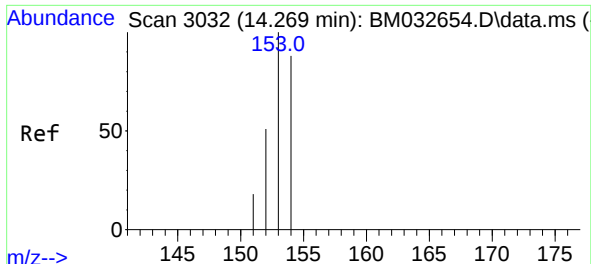
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#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.924 min Scan# 2944
Delta R.T. -0.005 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

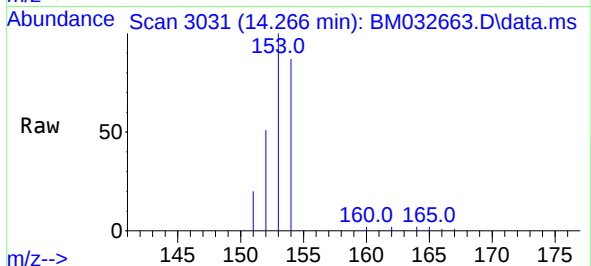
Tgt Ion:152 Resp: 2058
Ion Ratio Lower Upper
152 100
151 27.1 16.7 25.1#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.25 ng/ul
RT: 14.266 min Scan# 3031
Delta R.T. -0.008 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

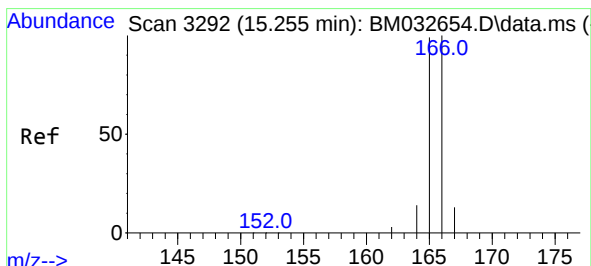
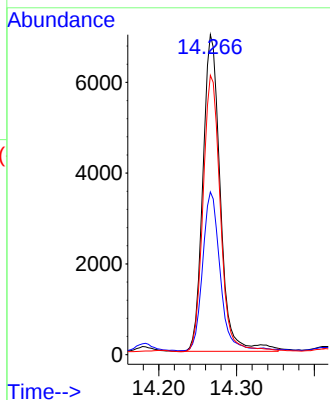
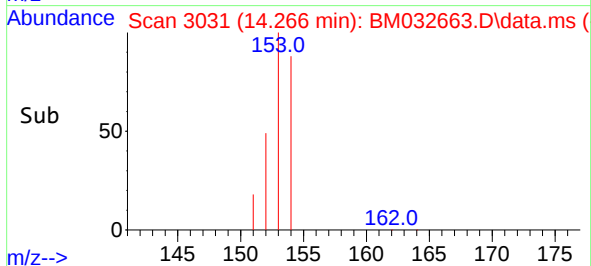
Instrument :
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ClientSampleId :
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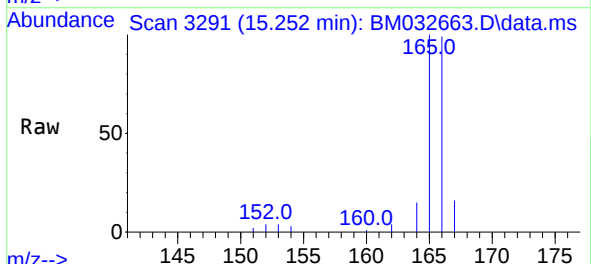
Tgt Ion:153 Resp: 10867
Ion Ratio Lower Upper
153 100
152 50.8 40.4 60.6
154 87.3 70.8 106.2

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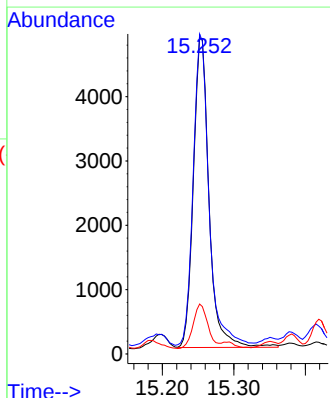
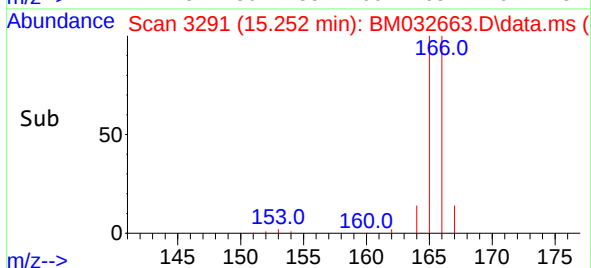
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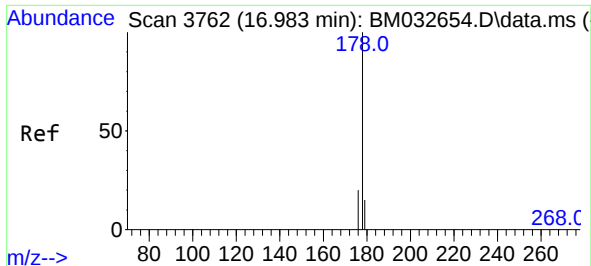


#12
Fluorene
Concen: 0.15 ng/ul
RT: 15.252 min Scan# 3291
Delta R.T. -0.008 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02



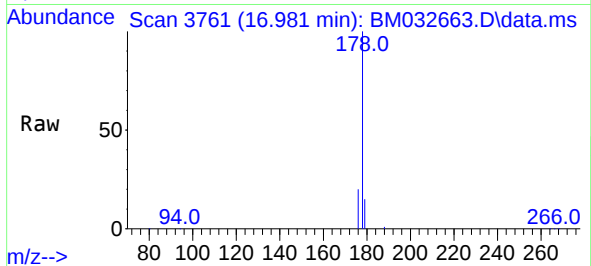
Tgt Ion:166 Resp: 7322
Ion Ratio Lower Upper
166 100
165 101.1 80.7 121.1
167 15.8 11.2 16.8





#15
Phenanthrene
Concen: 0.66 ng/ul
RT: 16.981 min Scan# 3761
Delta R.T. -0.007 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

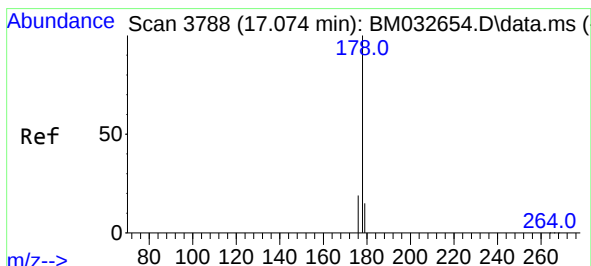
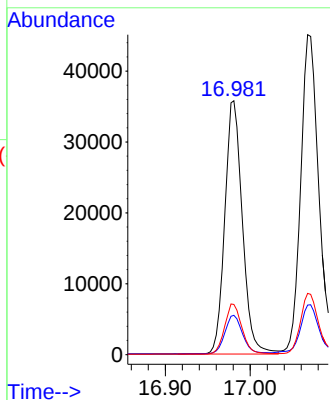
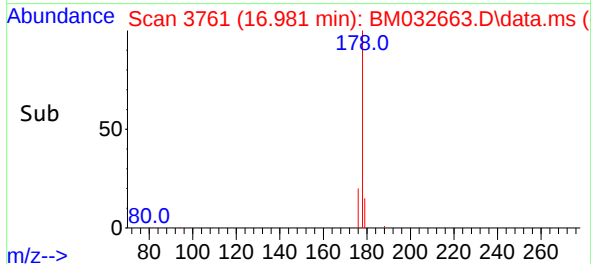
Instrument :
BNA_M
ClientSampleId :
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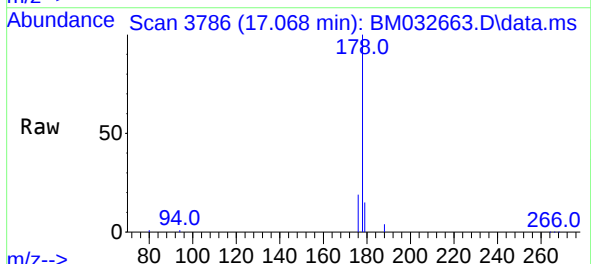
Tgt Ion:178 Resp: 51322
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.8 16.1 24.1

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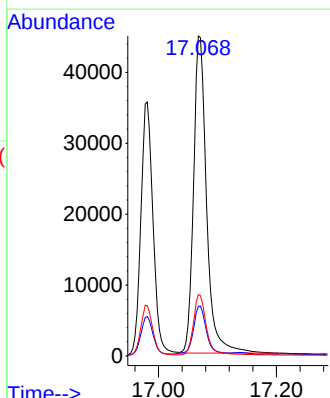
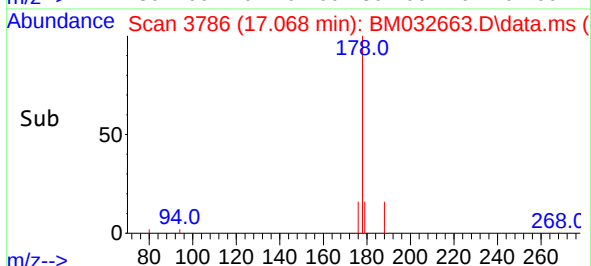
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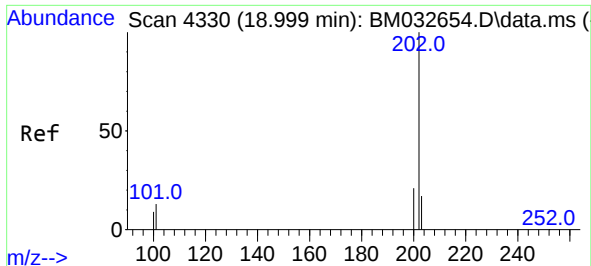


#16
Anthracene
Concen: 1.01 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.011 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02



Tgt Ion:178 Resp: 68577
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.2 15.8 23.6





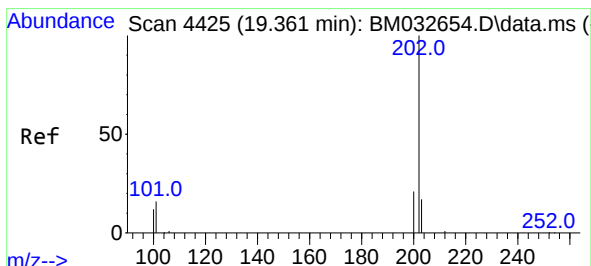
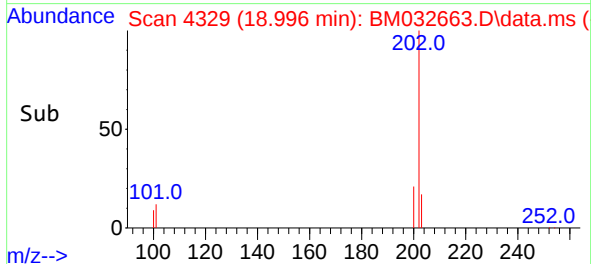
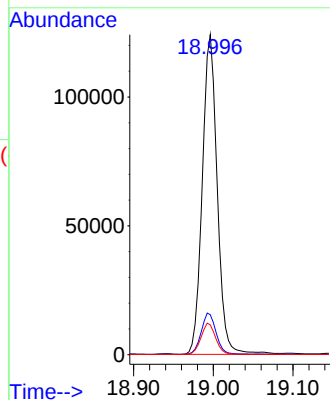
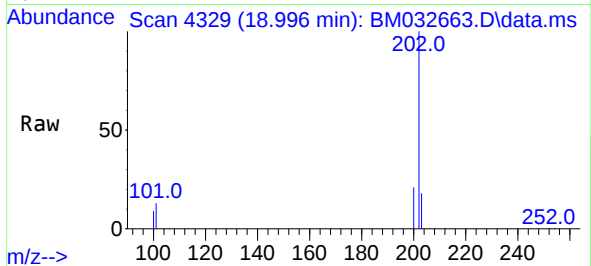
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Fluoranthene
Concen: 1.85 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:	202	Resp:	161527
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.6	16.0
100	9.3	7.8	11.8

Instrument :
BNA_M
ClientSampleId :
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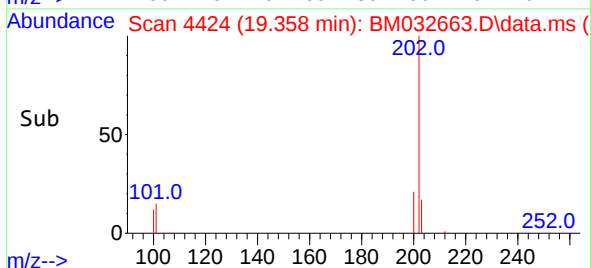
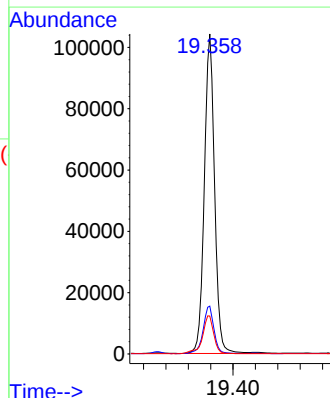
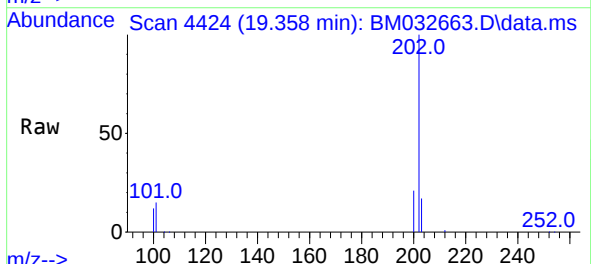
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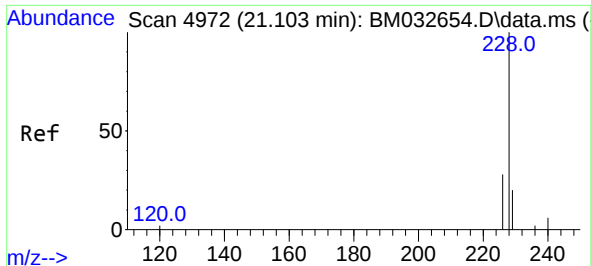
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#20
Pyrene
Concen: 1.48 ng/ul
RT: 19.358 min Scan# 4424
Delta R.T. -0.008 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:	202	Resp:	132514
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.3	18.5
100	11.9	10.1	15.1





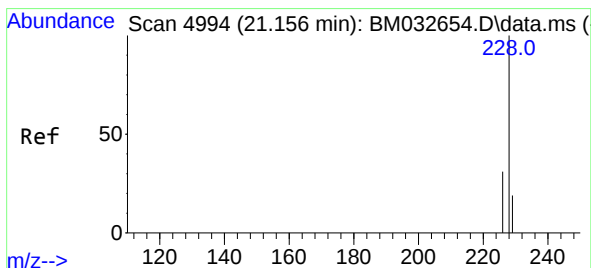
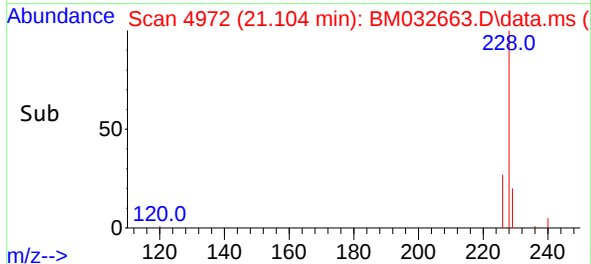
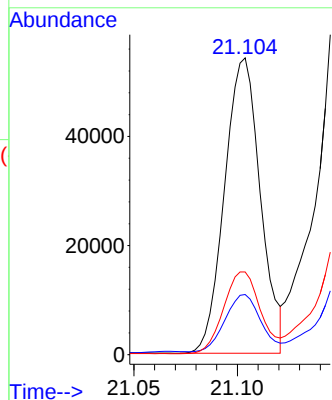
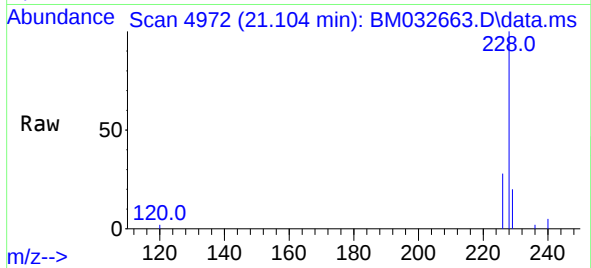
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Benzo(a)anthracene
Concen: 0.95 ng/u1
RT: 21.104 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:	228	Resp:	65168
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.9	23.9
226	27.9	22.4	33.6

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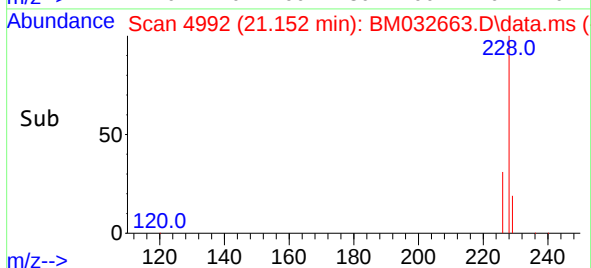
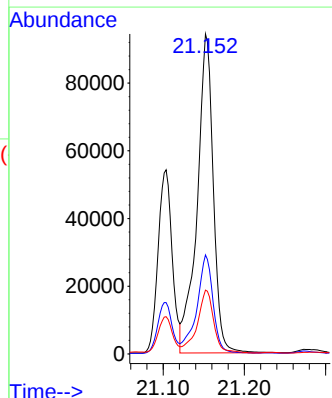
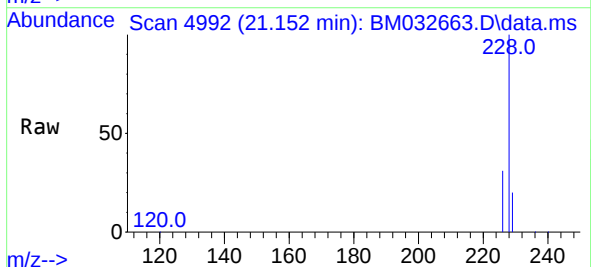
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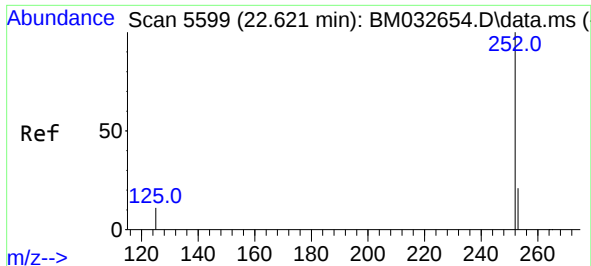
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#22
Chrysene
Concen: 1.72 ng/u1
RT: 21.152 min Scan# 4992
Delta R.T. -0.007 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:	228	Resp:	130498
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.1	37.7
229	19.9	15.7	23.5





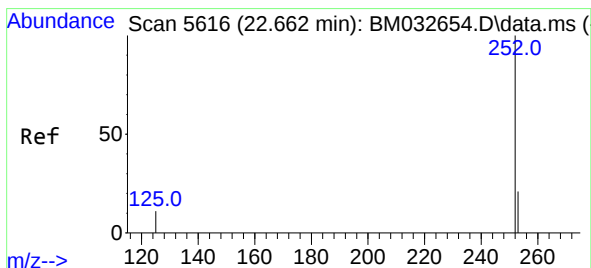
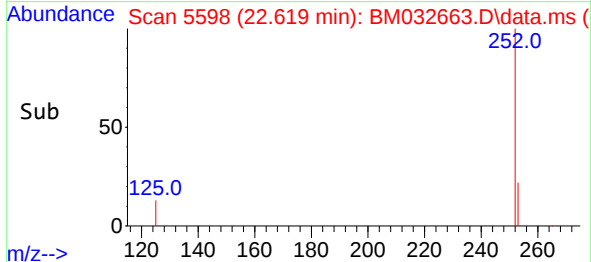
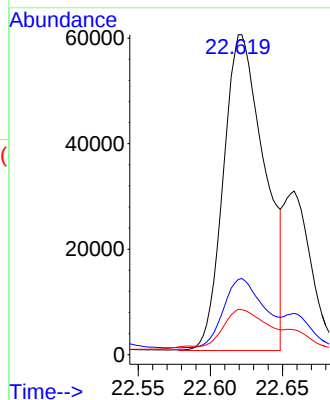
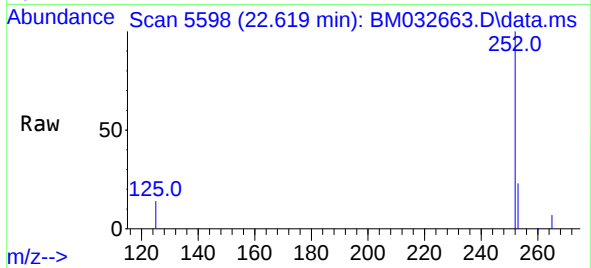
#24
Benzo(b)fluoranthene
Concen: 1.47 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.007 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:252 Resp: 118828
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.8
125 14.2 0.0 35.6

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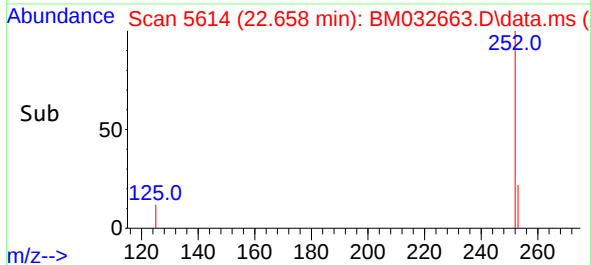
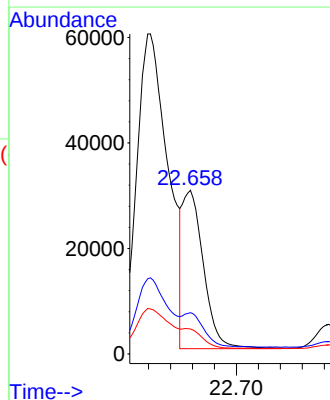
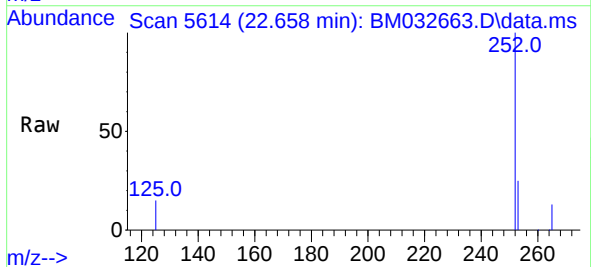
Manual Integrations
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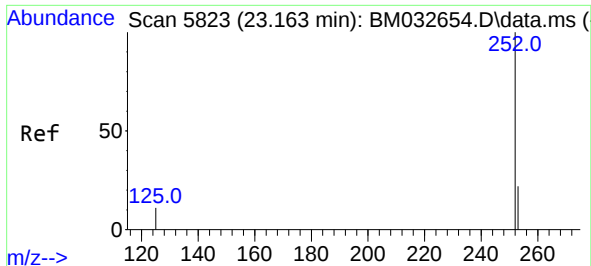
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.50 ng/ul m
RT: 22.658 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:252 Resp: 40175
Ion Ratio Lower Upper
252 100
253 25.2 21.8 32.6
125 15.2 14.4 21.6





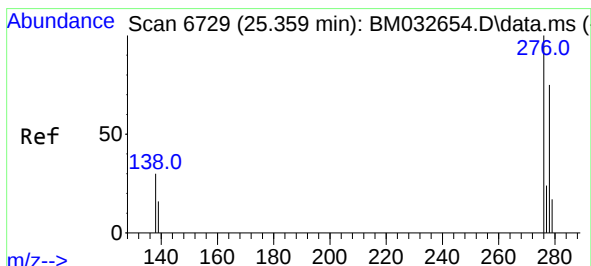
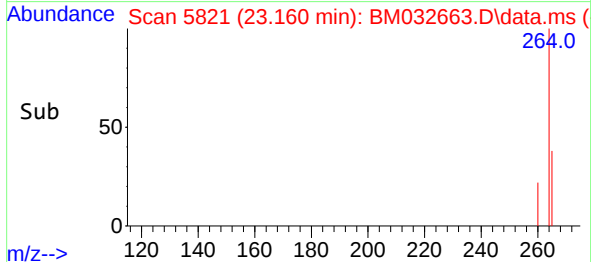
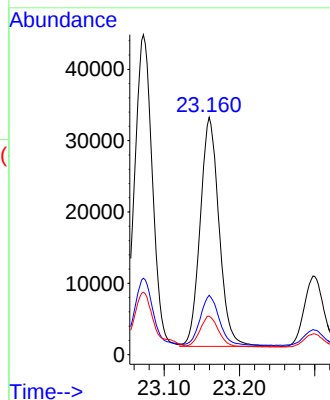
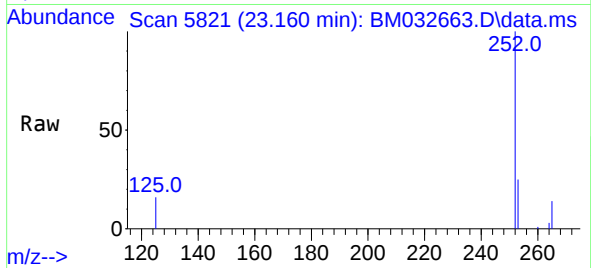
#26
Benzo(a)pyrene
Concen: 0.83 ng/u1
RT: 23.160 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:252 Resp: 55903
Ion Ratio Lower Upper
252 100
253 25.0 23.6 35.4
125 16.2 17.1 25.7#

Instrument :
BNA_M
ClientSampleId :
C0B23DL

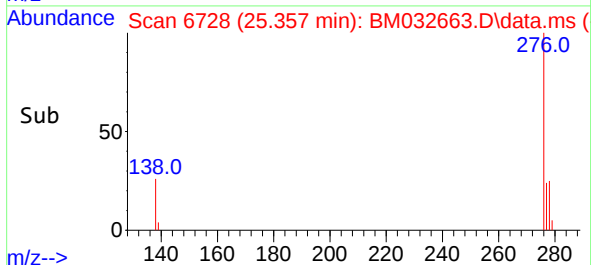
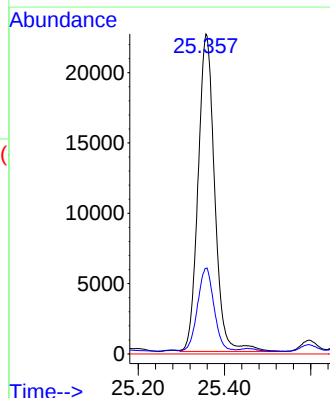
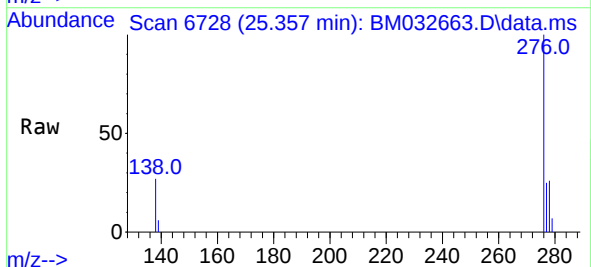
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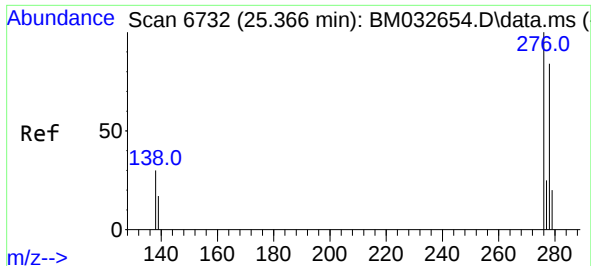
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.73 ng/u1
RT: 25.357 min Scan# 6728
Delta R.T. -0.015 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:276 Resp: 60228
Ion Ratio Lower Upper
276 100
138 26.2 24.9 37.3
227 0.0 0.0 0.0





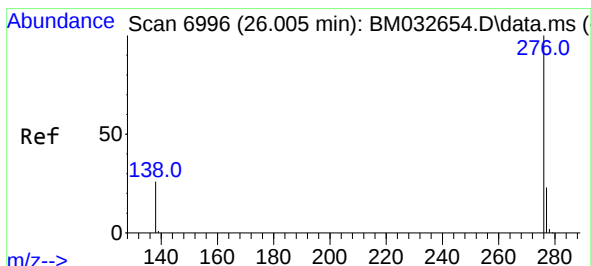
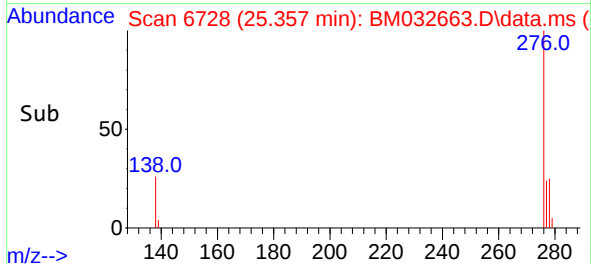
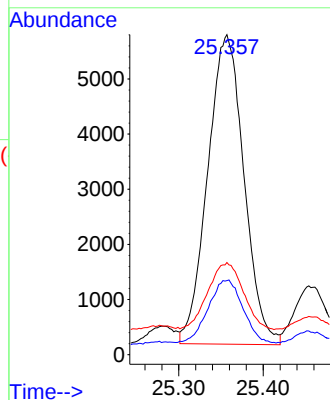
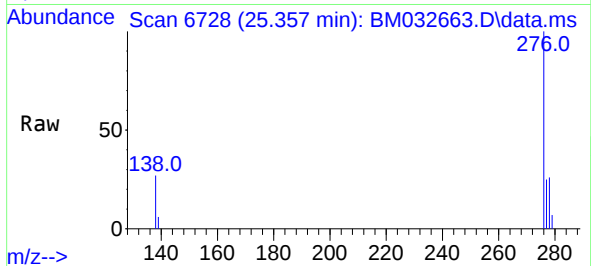
#28
Dibenzo(a,h)anthracene
Concen: 0.26 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.019 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:	278	Resp:	16730
Ion Ratio	Lower	Upper	
278	100		
139	23.2	18.6	28.0
279	28.8	22.0	33.0

Instrument :
BNA_M
ClientSampled :
C0B23DL

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#29
Benzo(g,h,i)perylene
Concen: 0.80 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.012 min
Lab File: BM032663.D
Acq: 21 Oct 2021 19:02

Tgt Ion:	276	Resp:	58012
Ion Ratio	Lower	Upper	
276	100		
138	27.1	22.6	33.8
277	23.8	19.9	29.9

