

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031550.D
 Acq On : 07 Aug 2021 14:11
 Operator : CG/JU
 Sample : M3124-10DL 5X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0091DL

Manual Integrations
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Quant Time: Aug 08 04:01:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5271	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2848	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5331	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	4401	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4284	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	793	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	265	0.030	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	498	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	1714	0.109	ng/ul#	93
7) 2-Methylnaphthalene	12.020	142	957	0.089	ng/ul	96
8) 1-Methylnaphthalene	12.241	142	513	0.048	ng/ul	95
10) Acenaphthylene	13.936	152	933	0.077	ng/ul#	85
11) Acenaphthene	14.281	153	218	0.021	ng/ul#	85
12) Fluorene	15.270	166	420	0.036	ng/ul#	88
15) Phenanthrene	17.009	178	8448	0.499	ng/ul	100
16) Anthracene	17.100	178	1483m	0.094	ng/ul	
19) Fluoranthene	19.028	202	19228	1.023	ng/ul#	95
20) Pyrene	19.394	202	16147	0.847	ng/ul	96
21) Benzo(a)anthracene	21.144	228	7494	0.422	ng/ul	94
22) Chrysene	21.195	228	9336	0.508	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	12476m	0.646	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	4472m	0.224	ng/ul	
26) Benzo(a)pyrene	23.222	252	7686	0.455	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.454	276	5854	0.268	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.451	278	1412	0.080	ng/ul#	45
29) Benzo(g,h,i)perylene	26.103	276	3564	0.191	ng/ul#	85

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

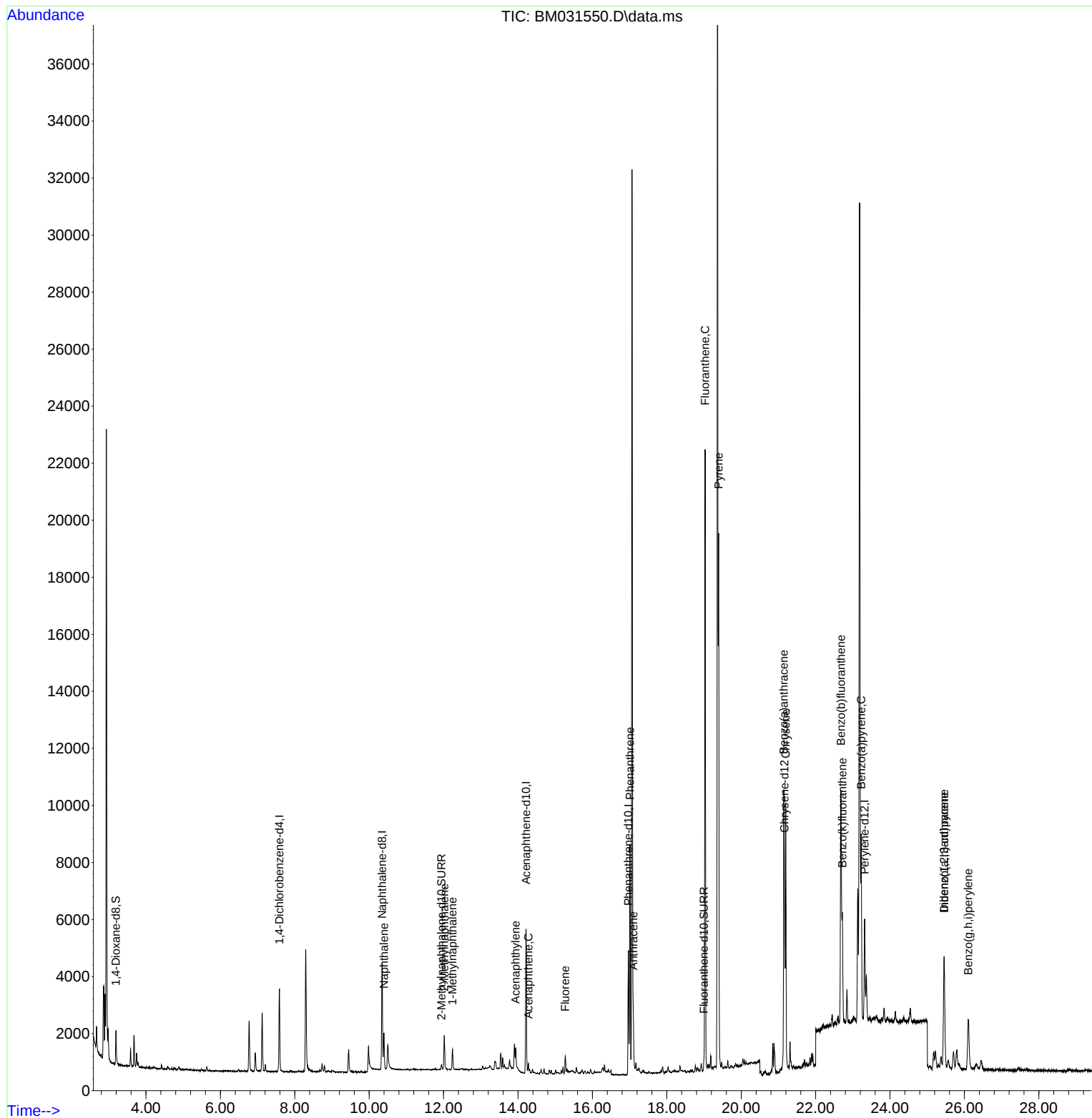
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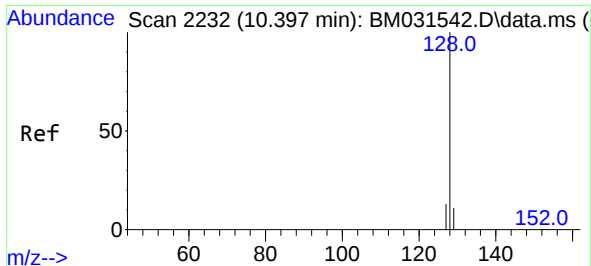
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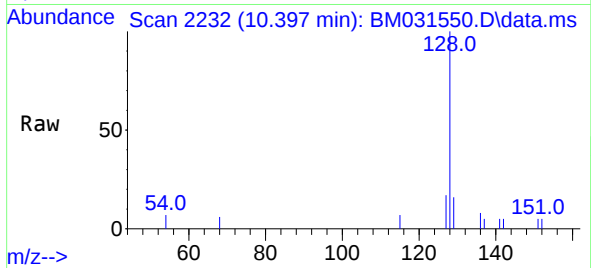
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

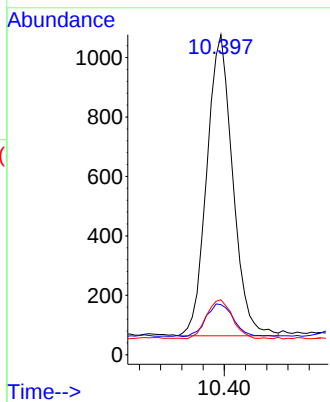
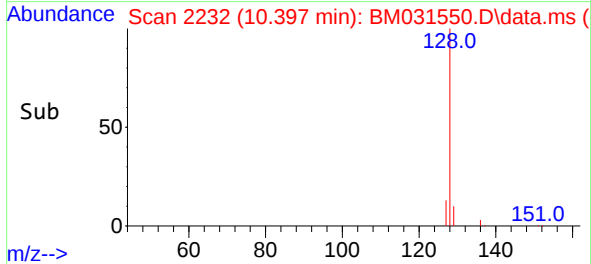




#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



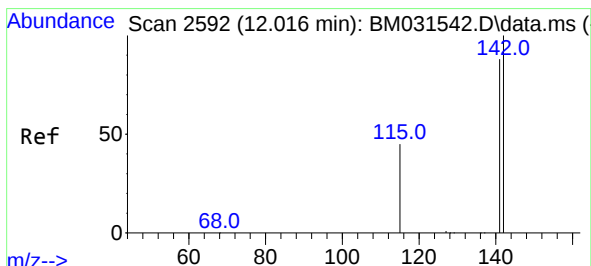
Tgt Ion:128 Resp: 1714
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0#
127 17.2 11.6 17.4



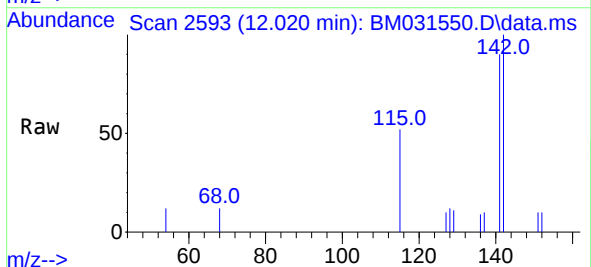
Instrument :
BNA_M
ClientSampled :
C0091DL

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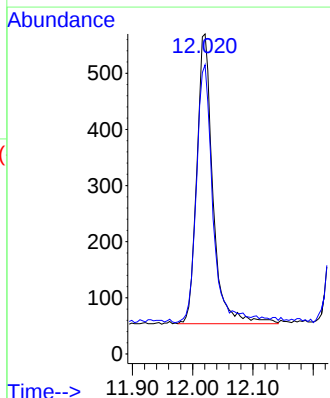
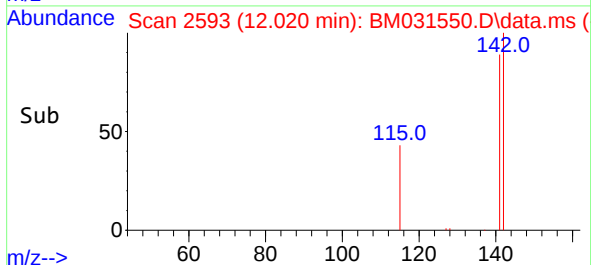
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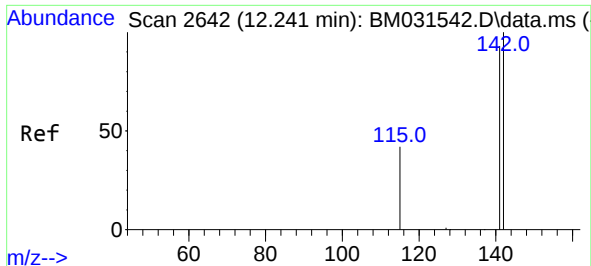


#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. 0.001 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



Tgt Ion:142 Resp: 957
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.0





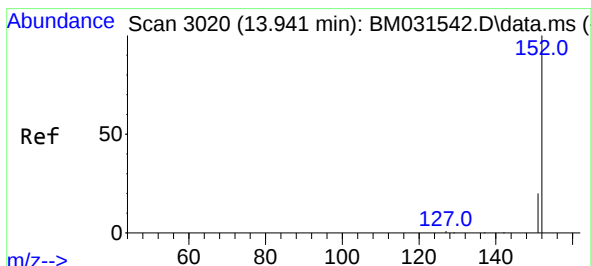
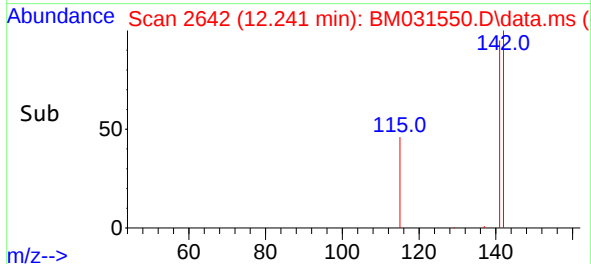
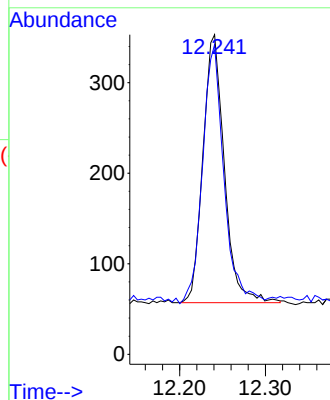
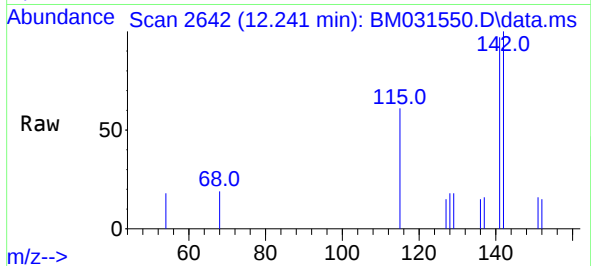
#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
141 97.3 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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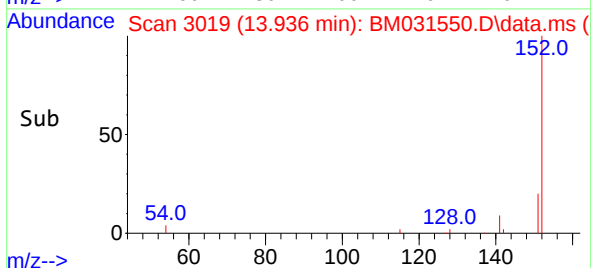
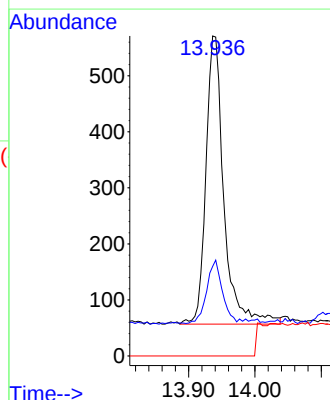
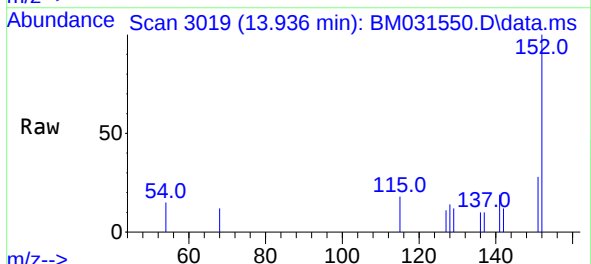
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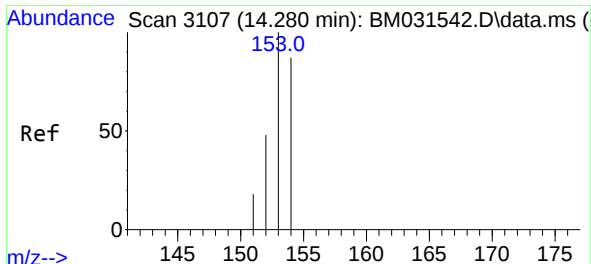
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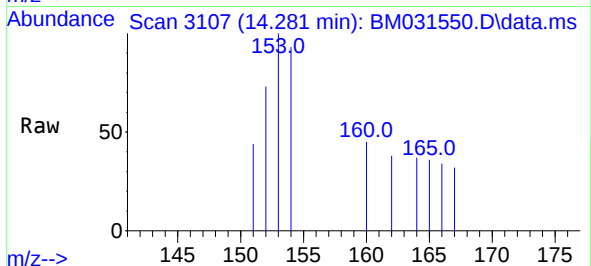
#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:152 Resp: 933
Ion Ratio Lower Upper
152 100
151 28.0 16.9 25.3#
153 0.0 0.0 0.0

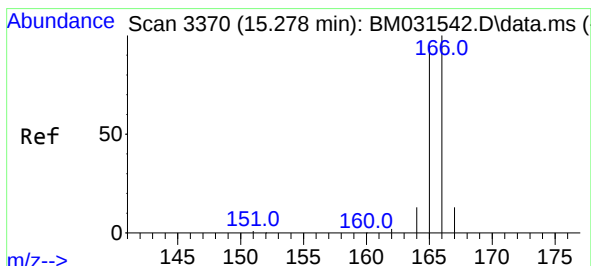
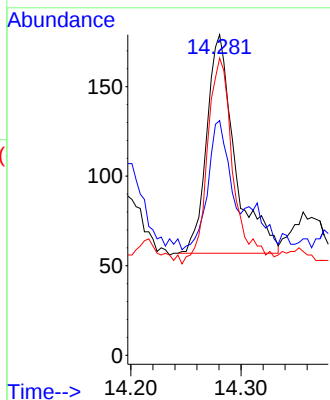
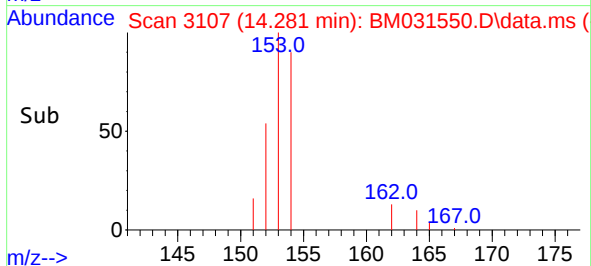




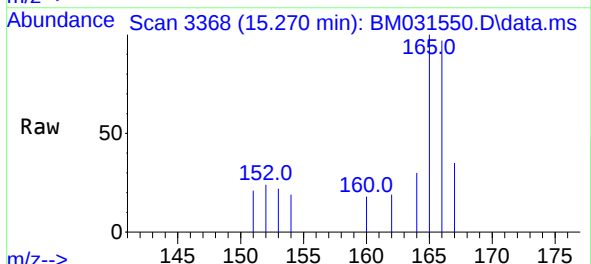
#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



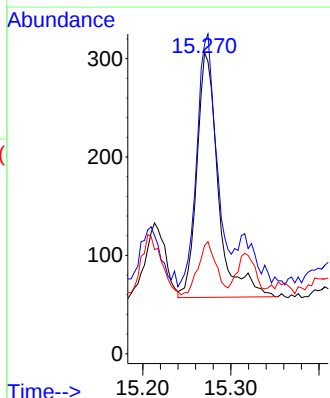
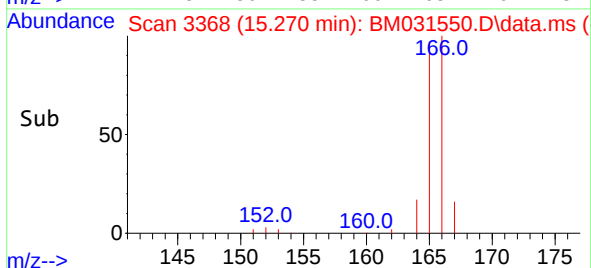
Tgt Ion:153 Resp: 218
Ion Ratio Lower Upper
153 100
152 73.2 40.7 61.1#
154 92.7 70.2 105.2



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



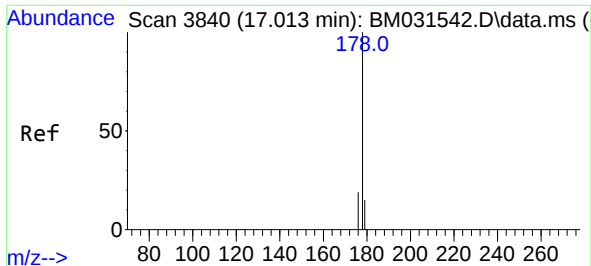
Tgt Ion:166 Resp: 420
Ion Ratio Lower Upper
166 100
165 102.9 78.0 117.0
167 35.9 12.0 18.0#



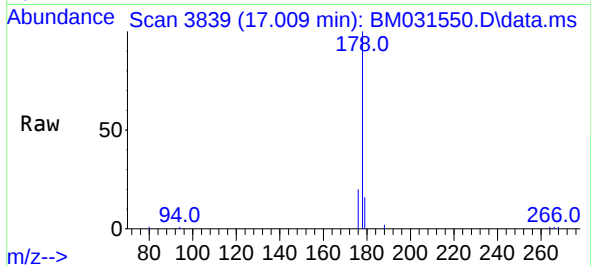
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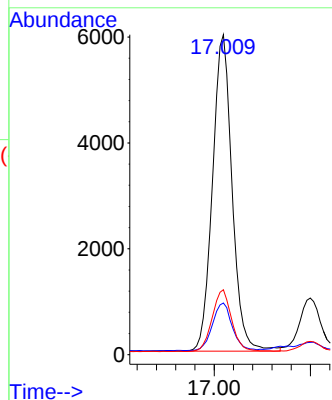
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#15
Phenanthrene
Concen: 0.499 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



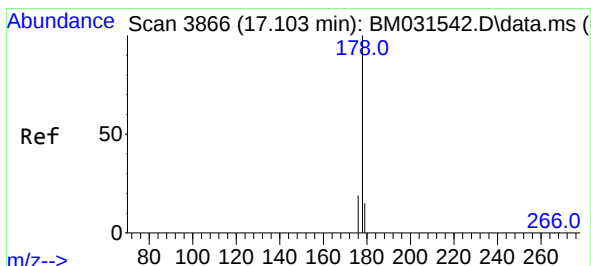
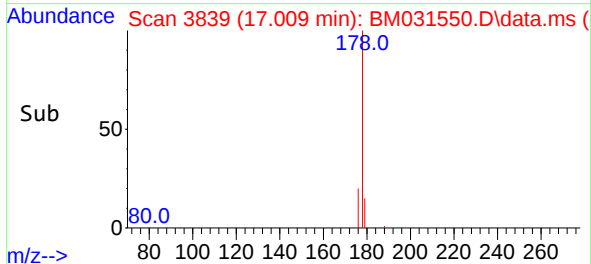
Tgt Ion:178 Resp: 8448
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 20.3 16.2 24.4



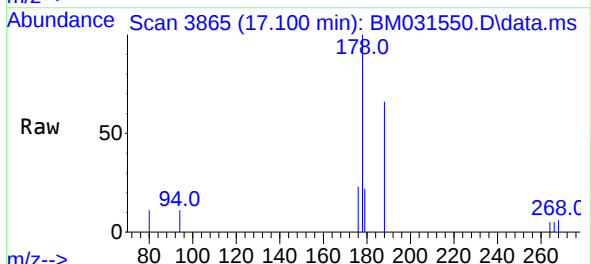
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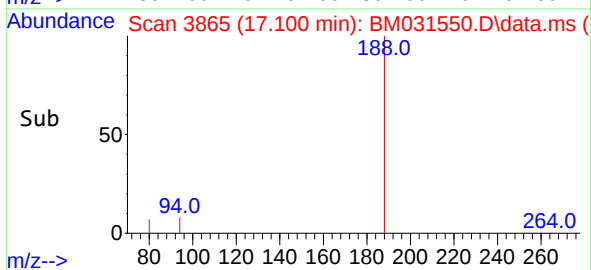
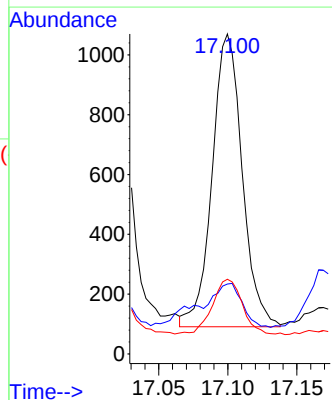
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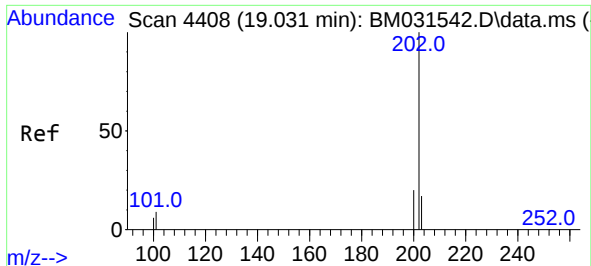


#16
Anthracene
Concen: 0.094 ng/ul m
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



Tgt Ion:178 Resp: 1483
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.6#
176 23.4 15.6 23.4





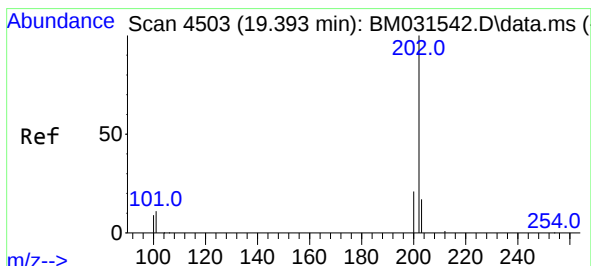
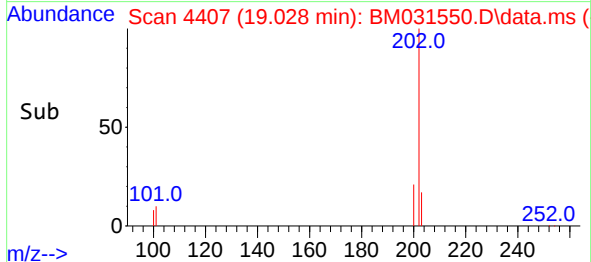
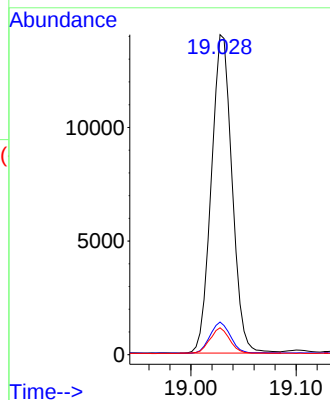
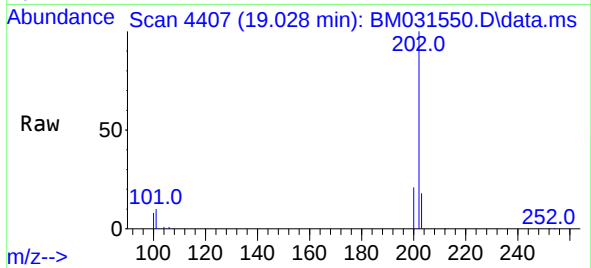
#19
Fluoranthene
Concen: 1.023 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:	202	Resp:	19228
Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.6	10.0#
100	8.4	5.4	8.0#

Instrument :
BNA_M
ClientSampleId :
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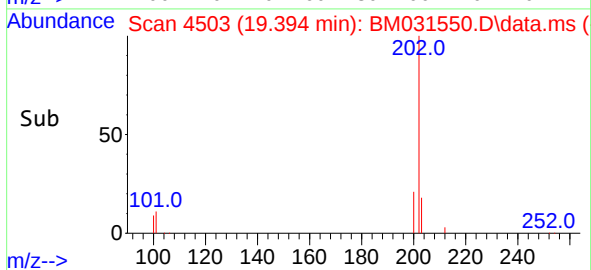
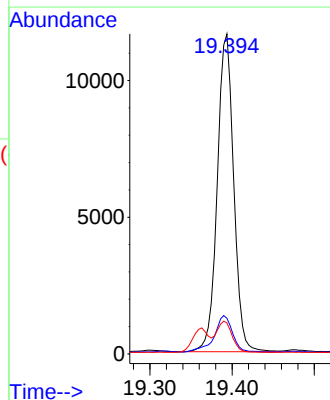
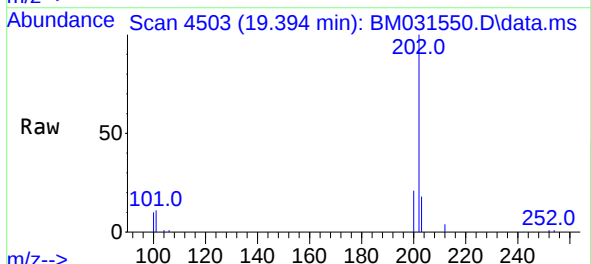
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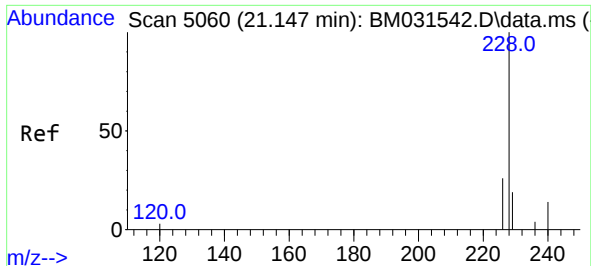
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#20
Pyrene
Concen: 0.847 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:	202	Resp:	16147
Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.6
100	9.7	6.6	10.0





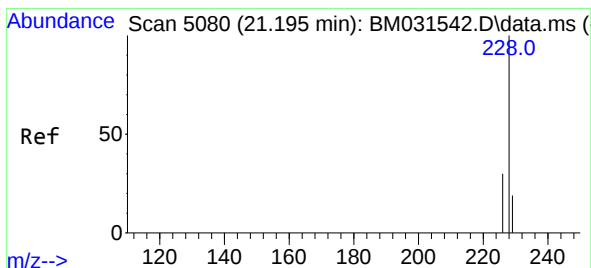
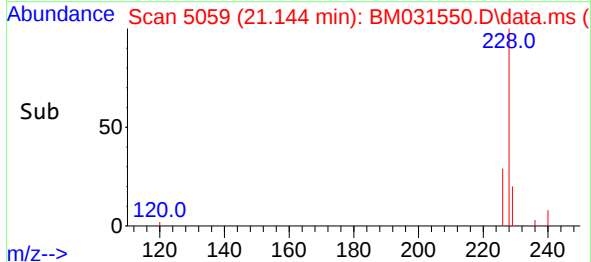
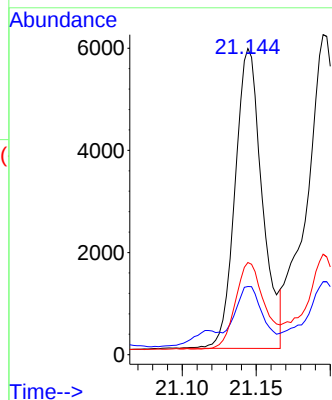
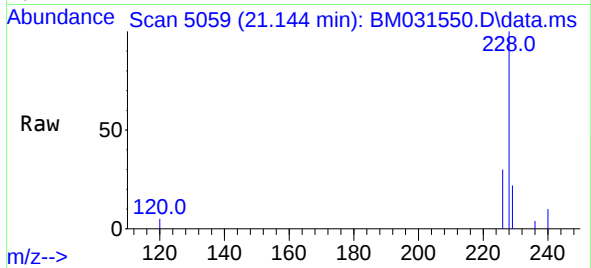
#21
Benzo(a)anthracene
Concen: 0.422 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:	228	Resp:	7494
Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.6	23.4
226	30.1	21.7	32.5

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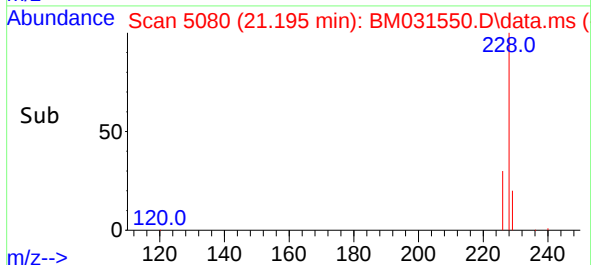
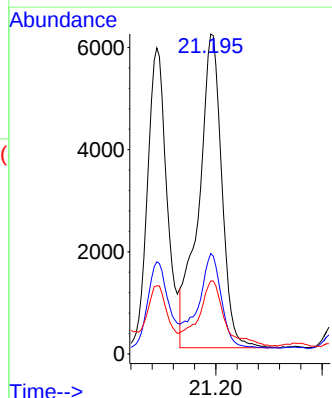
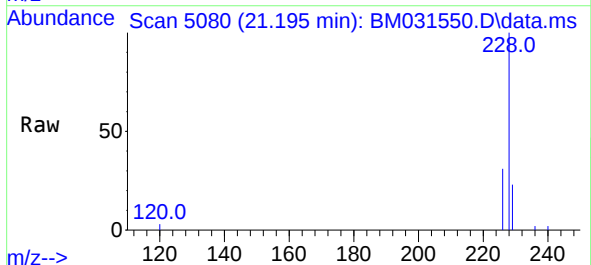
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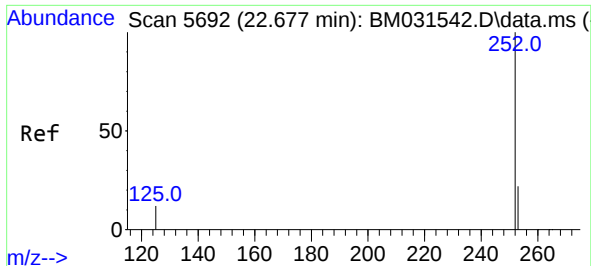
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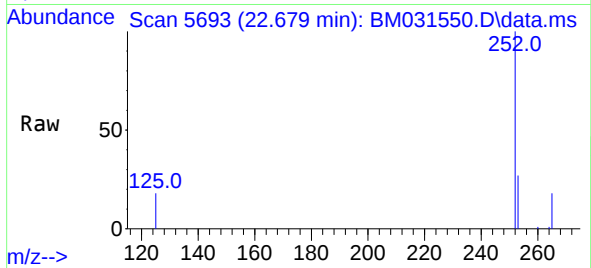
#22
Chrysene
Concen: 0.508 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:	228	Resp:	9336
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	22.8	16.2	24.2

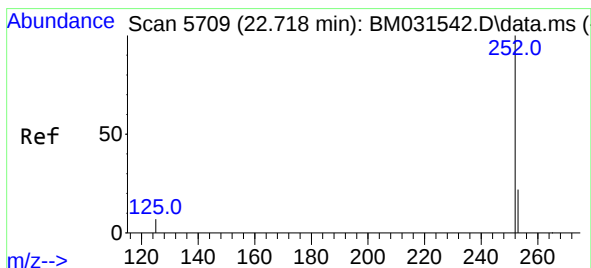
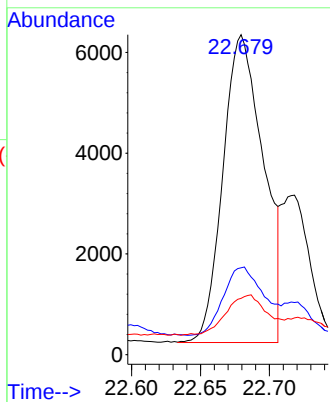
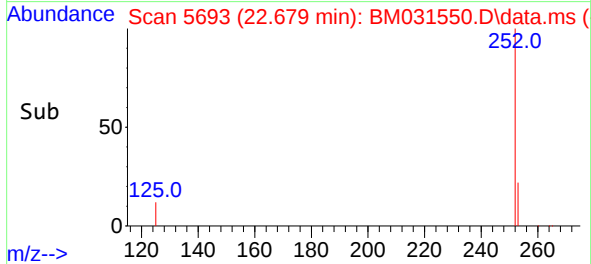




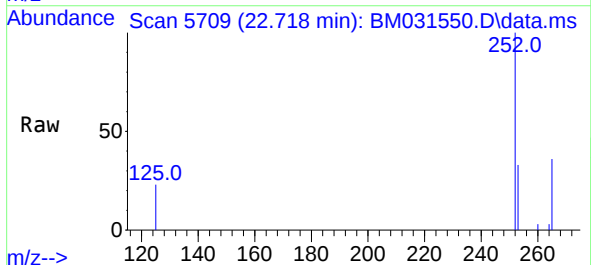
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Benzo(b)fluoranthene
Concen: 0.646 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.002 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



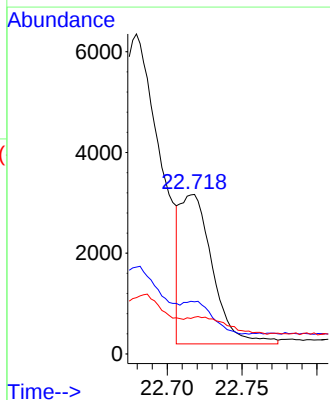
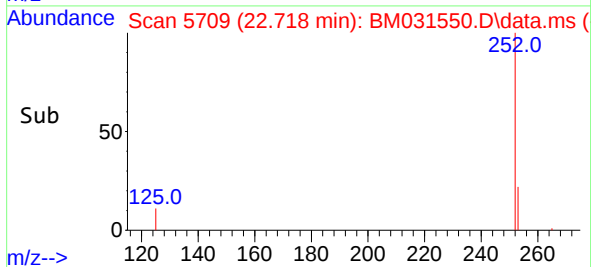
Tgt Ion:252 Resp: 12476
Ion Ratio Lower Upper
252 100
253 27.2 0.0 53.0
125 17.6 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.224 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.005 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



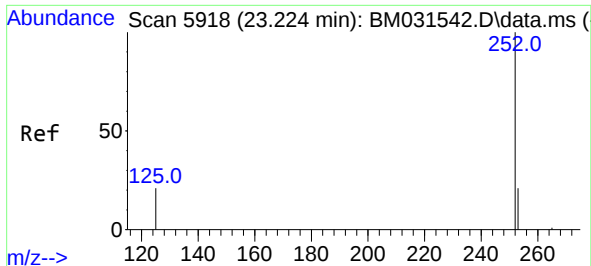
Tgt Ion:252 Resp: 4472
Ion Ratio Lower Upper
252 100
253 32.6 21.3 31.9#
125 23.1 8.8 13.2#



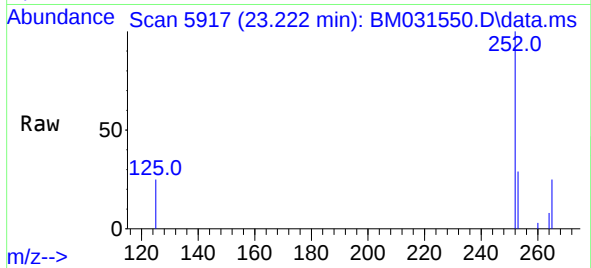
Instrument :
BNA_M
ClientSampleID :
C0091DL

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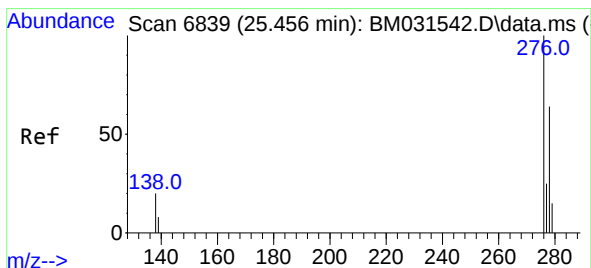
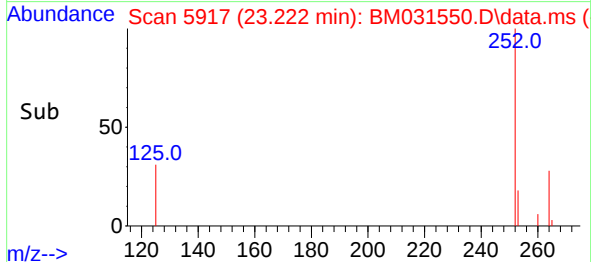
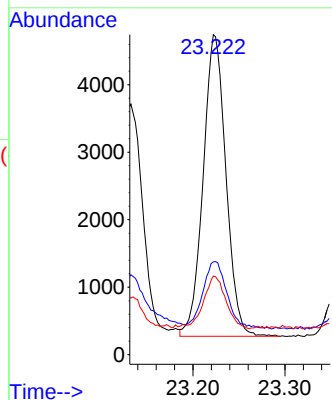
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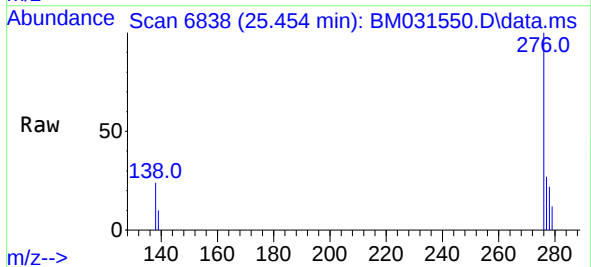
#26
Benzo(a)pyrene
Concen: 0.455 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



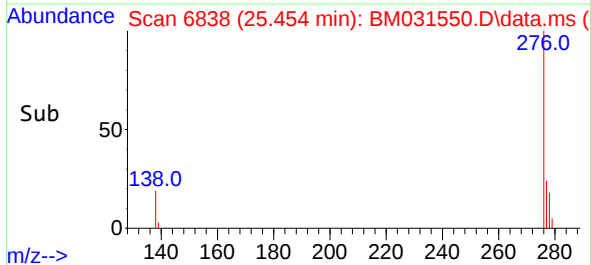
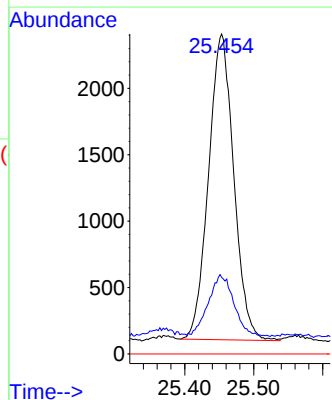
Tgt Ion:252 Resp: 7686
Ion Ratio Lower Upper
252 100
253 29.0 22.4 33.6
125 24.5 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.009 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11



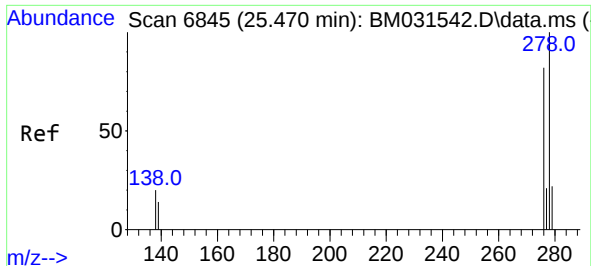
Tgt Ion:276 Resp: 5854
Ion Ratio Lower Upper
276 100
138 20.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleID :
C0091DL

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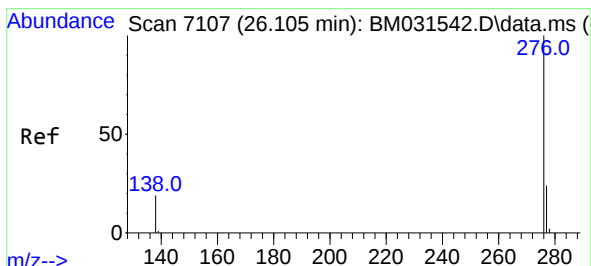
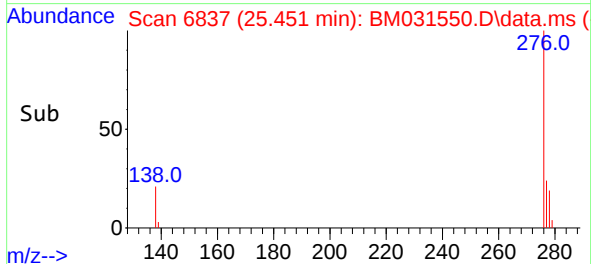
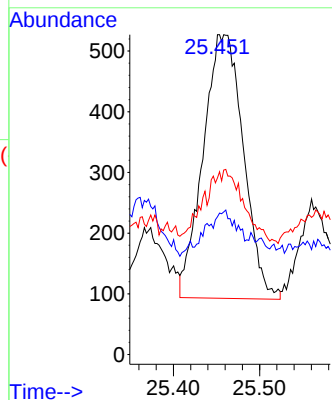
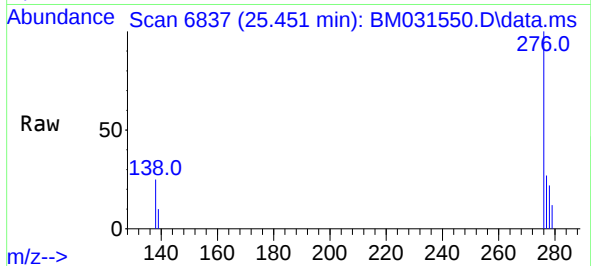
#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.024 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:	278	Resp:	1412
Ion Ratio	Lower	Upper	
278	100		
139	43.1	13.3	19.9#
279	55.2	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C0091DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.012 min
Lab File: BM031550.D
Acq: 07 Aug 2021 14:11

Tgt Ion:	276	Resp:	3564
Ion Ratio	Lower	Upper	
276	100		
138	28.7	15.4	23.2#
277	29.8	19.9	29.9

