

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031630.D
 Acq On : 10 Aug 2021 08:07
 Operator : CG/JU
 Sample : M3169-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A7

Manual Integrations
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Quant Time: Aug 10 09:20:02 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 : Tue Aug 10 08:05:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5067	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.208	164	3609	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5423	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4336	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4805	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	7878	5.056	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.930	152	3164	0.371	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	5911	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	39289	2.603	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	41083	3.984	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	30698	3.013	ng/ul	99
10) Acenaphthylene	13.932	152	24894	1.620	ng/ul	99
11) Acenaphthene	14.273	153	4915m	0.380	ng/ul	
12) Fluorene	15.266	166	7869	0.529	ng/ul#	78
15) Phenanthrene	17.002	178	207912	12.074	ng/ul	98
16) Anthracene	17.093	178	31234	1.937	ng/ul	99
19) Fluoranthene	19.024	202	271189	14.647	ng/ul#	96
20) Pyrene	19.390	202	235953	12.565	ng/ul	96
21) Benzo(a)anthracene	21.139	228	124311	7.100	ng/ul#	88
22) Chrysene	21.193	228	191593	10.576	ng/ul#	94
24) Benzo(b)fluoranthene	22.677	252	199198m	9.201	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	52849m	2.363	ng/ul	
26) Benzo(a)pyrene	23.222	252	120111m	6.335	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276	82314	3.359	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.458	278	26196	1.326	ng/ul#	72
29) Benzo(g,h,i)perylene	26.105	276	78297	3.745	ng/ul	98

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

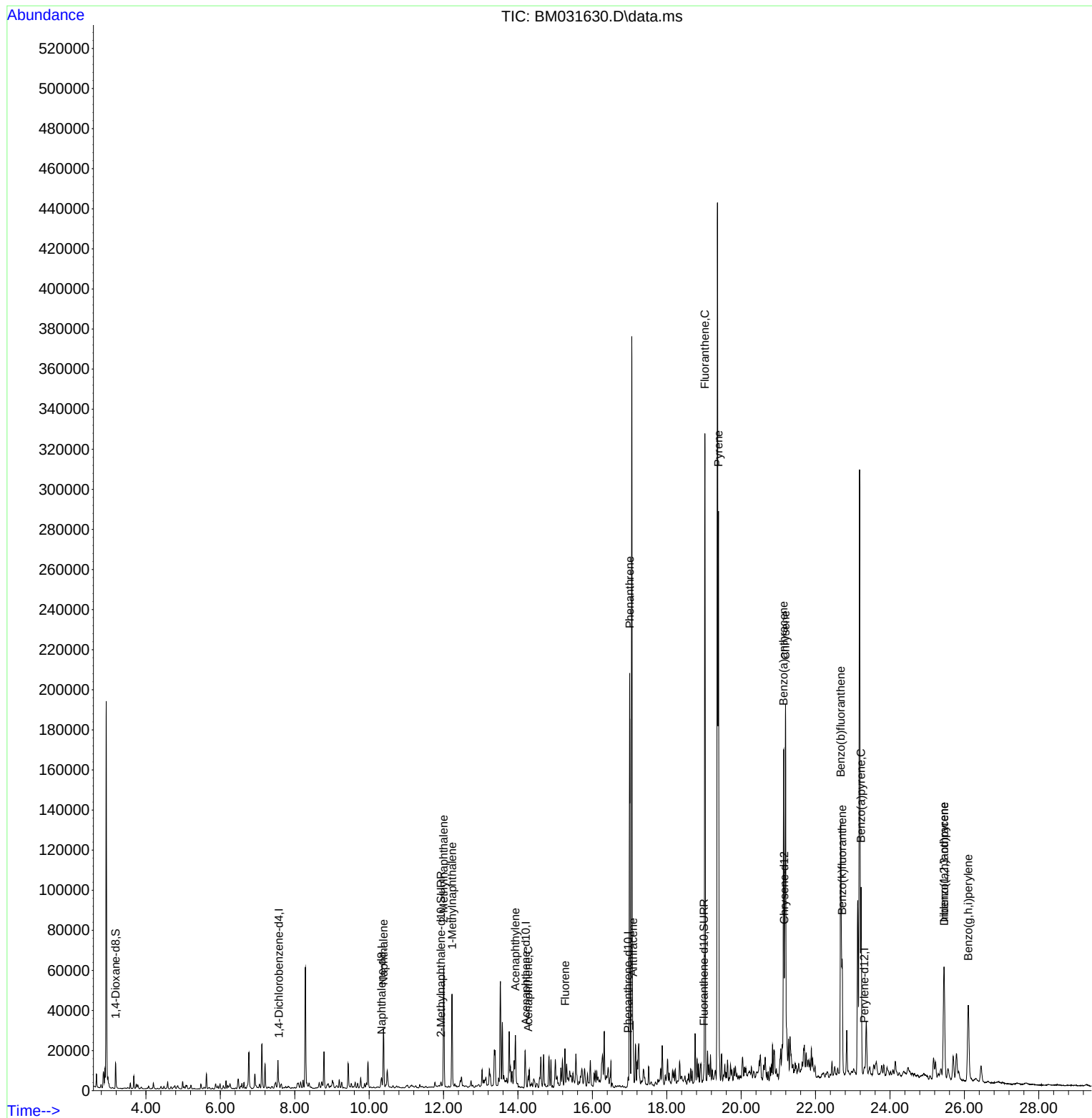
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031630.D
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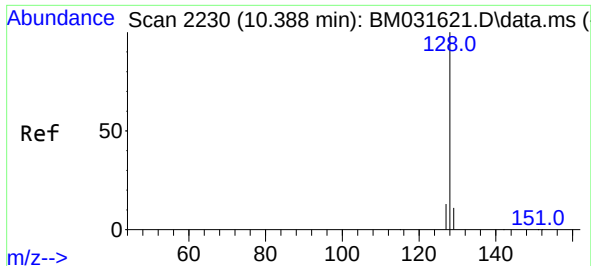
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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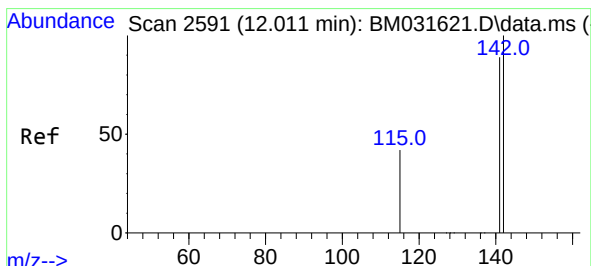
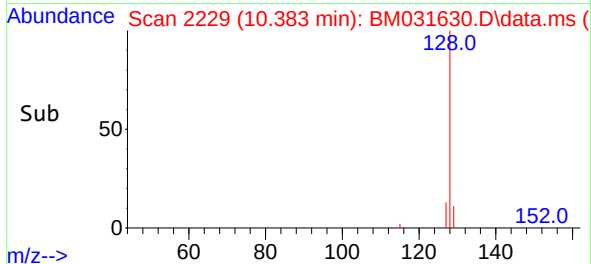
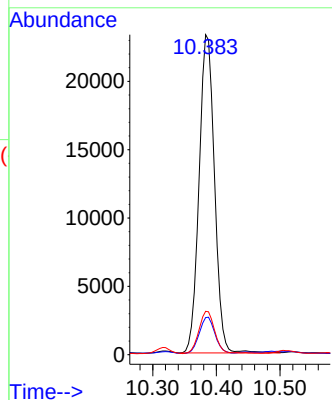
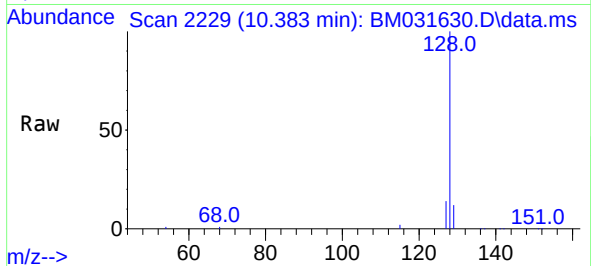
#5
Naphthalene
Concen: 2.603 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:	128	Resp:	39289
Ion Ratio	Lower	Upper	
128	100		
129	11.6	10.0	15.0
127	13.6	11.6	17.4

Instrument :
BNA_M
ClientSampled :
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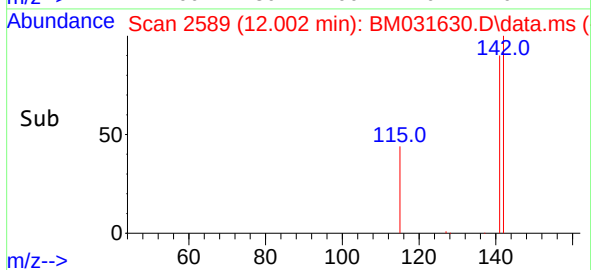
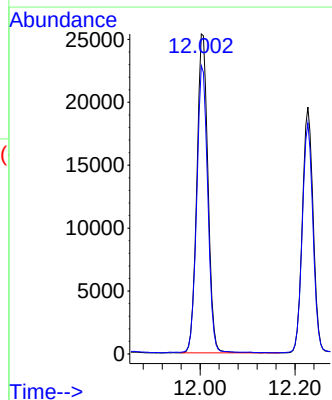
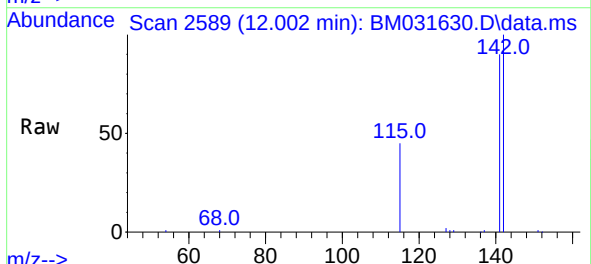
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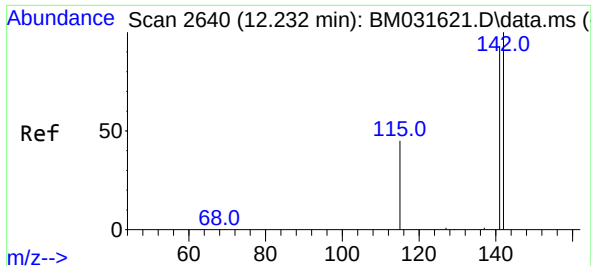
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#7
2-Methylnaphthalene
Concen: 3.984 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.009 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:	142	Resp:	41083
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.4	107.0





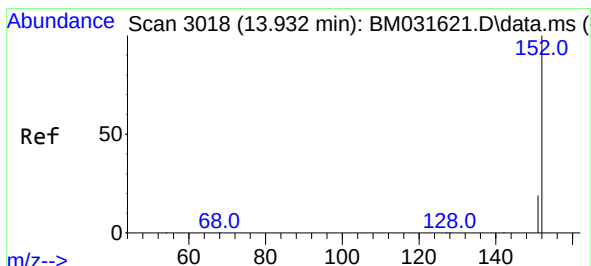
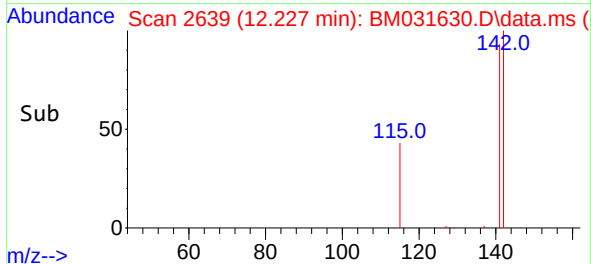
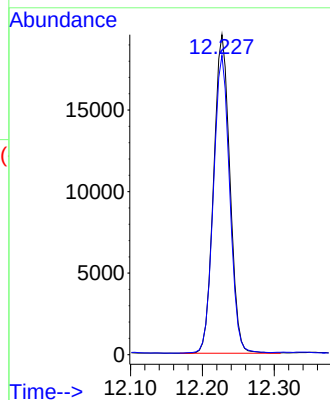
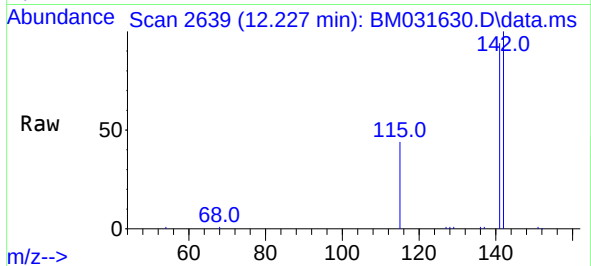
#8
1-Methylnaphthalene
Concen: 3.013 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:142 Resp: 30698
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

Instrument :
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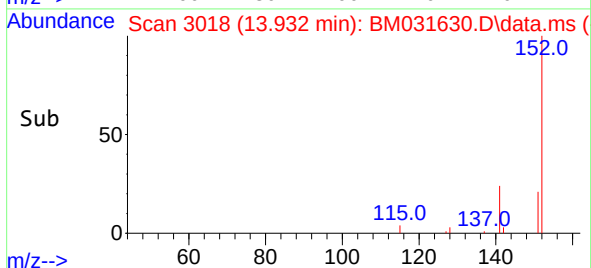
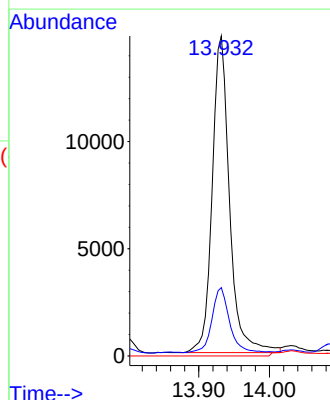
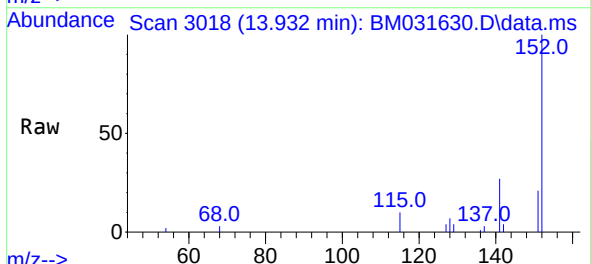
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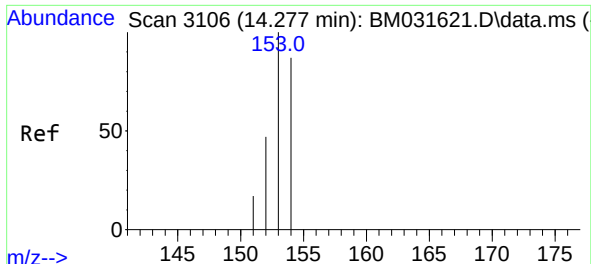
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#10
Acenaphthylene
Concen: 1.620 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

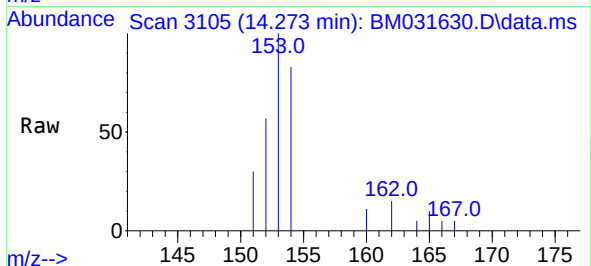
Tgt Ion:152 Resp: 24894
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.380 ng/ul m
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

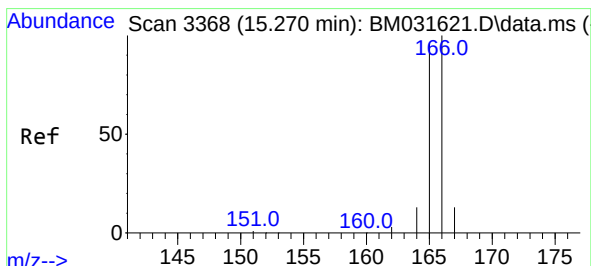
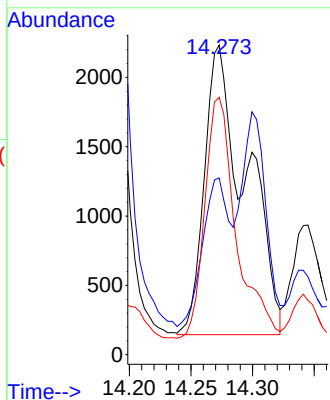
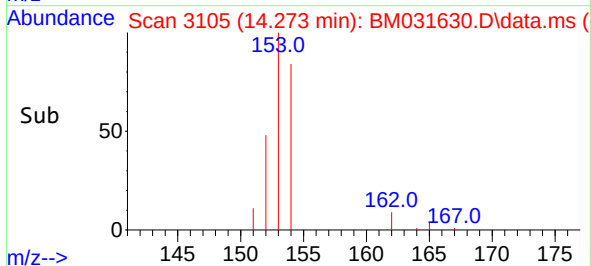
Instrument :
BNA_M
ClientSampled :
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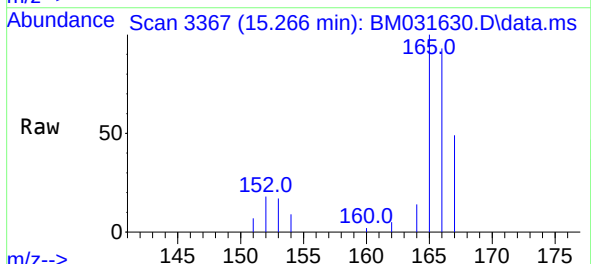
Tgt Ion:153 Resp: 4915
Ion Ratio Lower Upper
153 100
152 57.1 40.7 61.1
154 83.1 70.2 105.2

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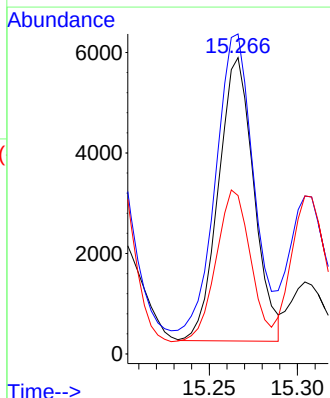
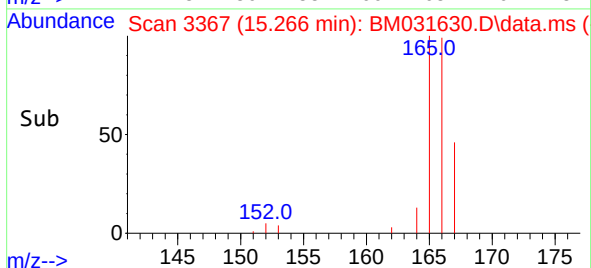
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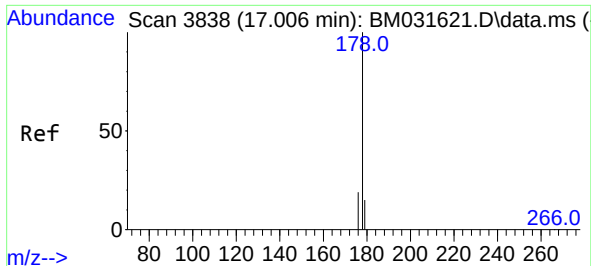


#12
Fluorene
Concen: 0.529 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07



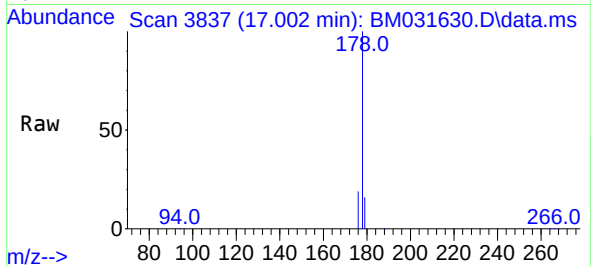
Tgt Ion:166 Resp: 7869
Ion Ratio Lower Upper
166 100
165 108.0 78.0 117.0
167 53.4 12.0 18.0#





#15
Phenanthrene
Concen: 12.074 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

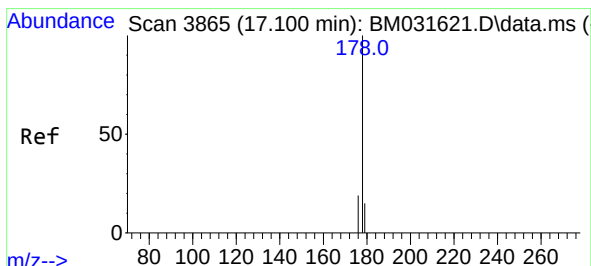
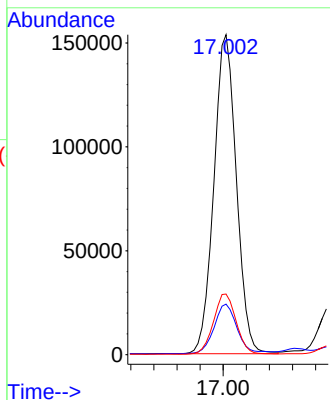
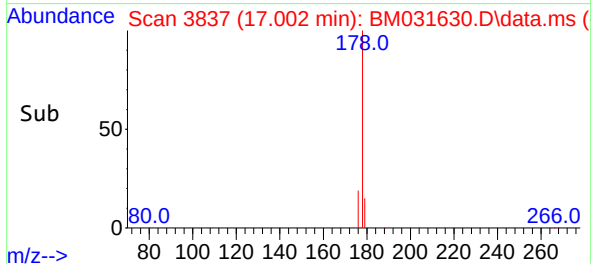
Instrument :
BNA_M
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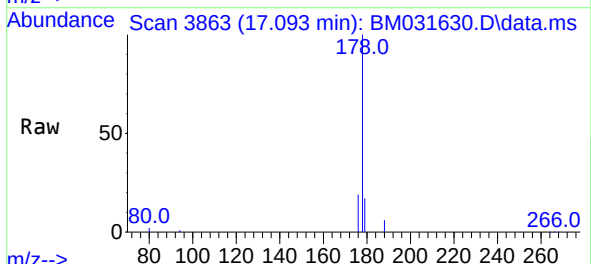
Tgt Ion:178 Resp: 207912
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 18.9 16.2 24.4

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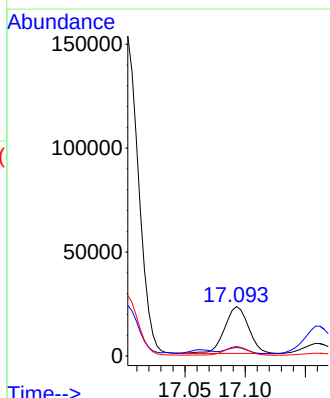
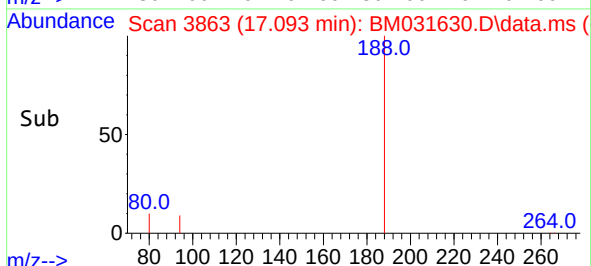
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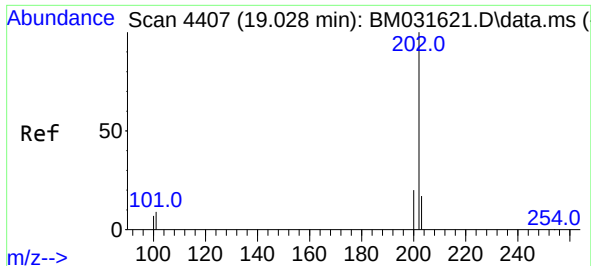


#16
Anthracene
Concen: 1.937 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.011 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

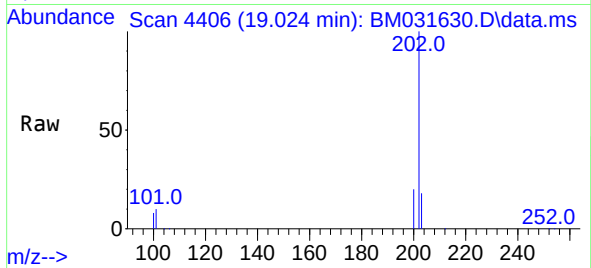


Tgt Ion:178 Resp: 31234
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 19.0 15.6 23.4

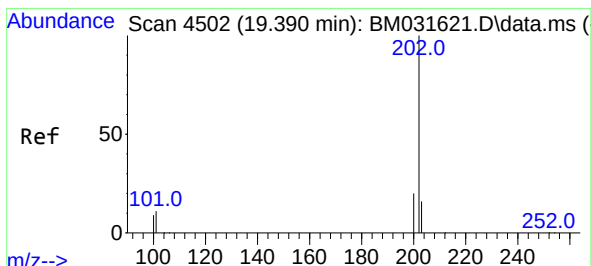
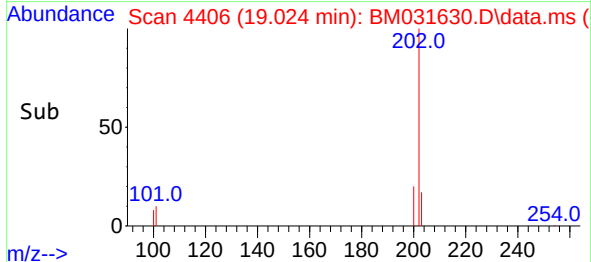
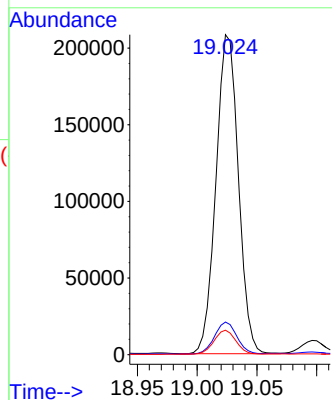




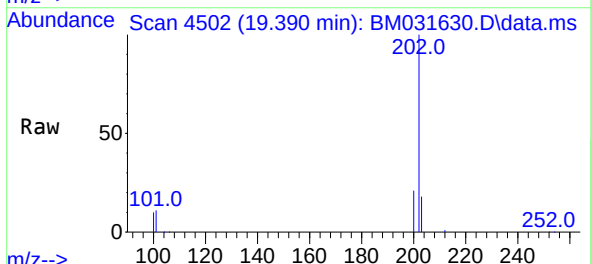
#19
Fluoranthene
Concen: 14.647 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07



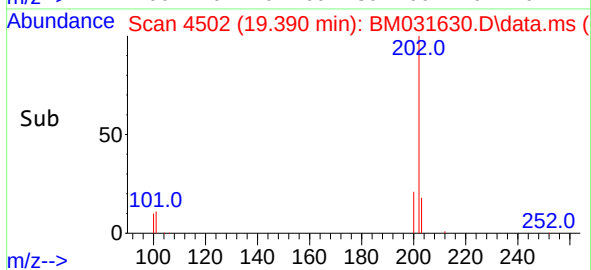
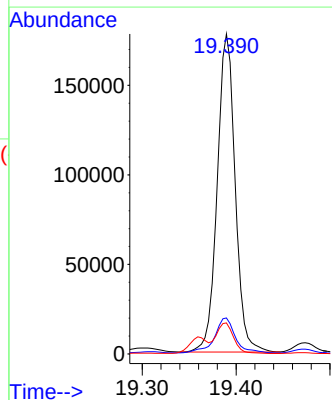
Tgt Ion:202 Resp: 271189
Ion Ratio Lower Upper
202 100
101 10.2 6.6 10.0#
100 7.7 5.4 8.0



#20
Pyrene
Concen: 12.565 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07



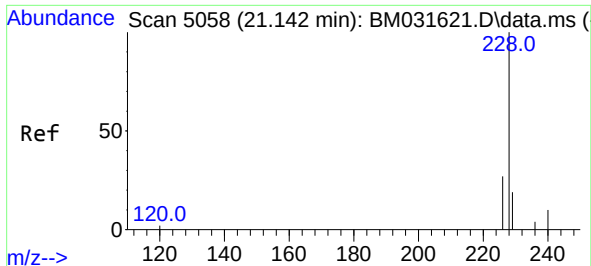
Tgt Ion:202 Resp: 235953
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.7 6.6 10.0



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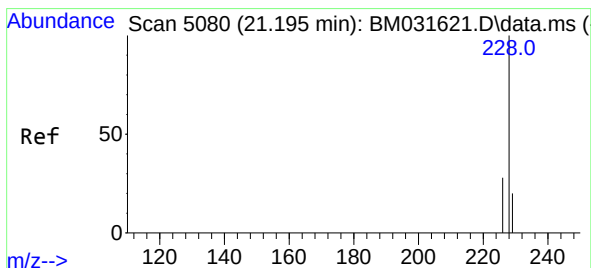
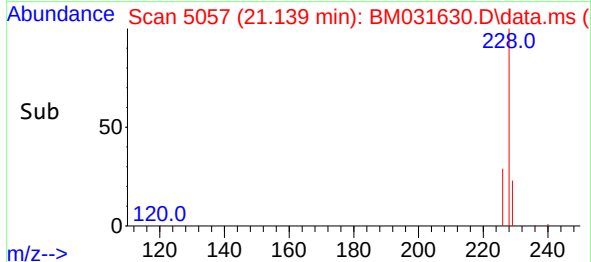
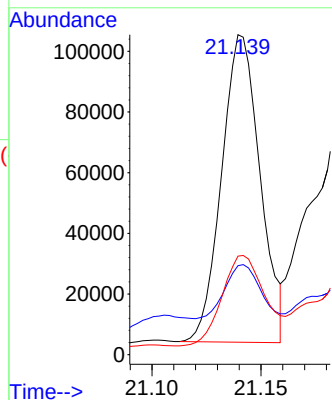
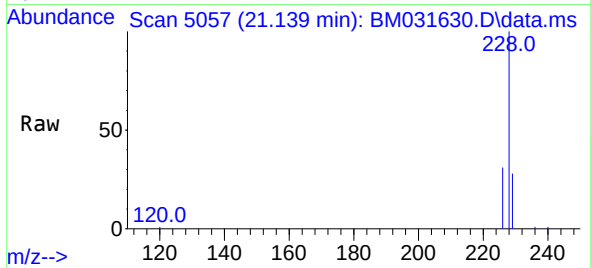
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Benzo(a)anthracene
Concen: 7.100 ng/u1
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:228 Resp: 124311
Ion Ratio Lower Upper
228 100
229 27.8 15.6 23.4#
226 30.8 21.7 32.5

Instrument :
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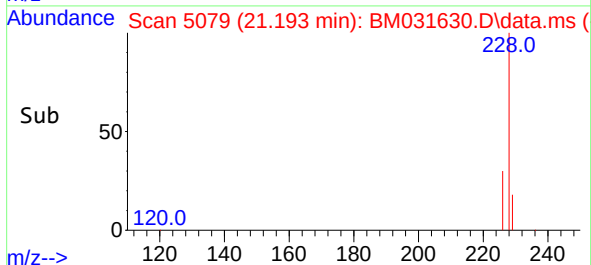
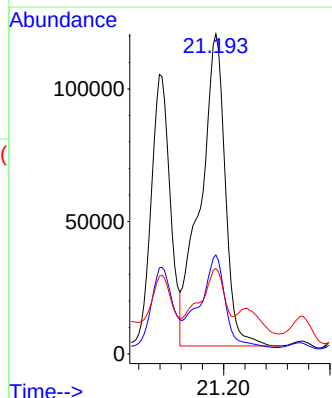
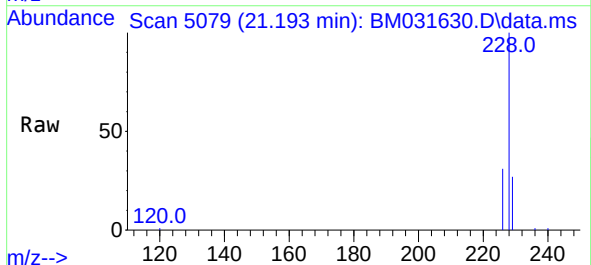
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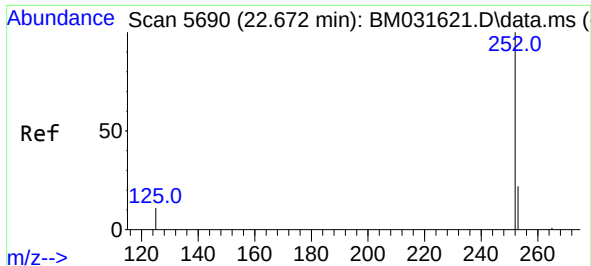
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#22
Chrysene
Concen: 10.576 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:228 Resp: 191593
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 26.7 16.2 24.2#





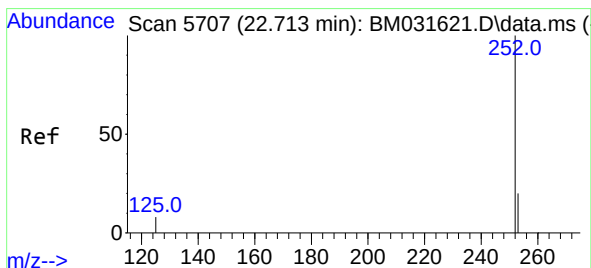
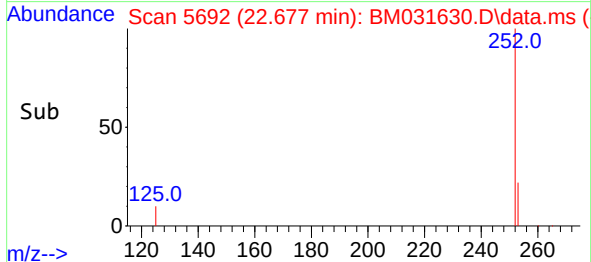
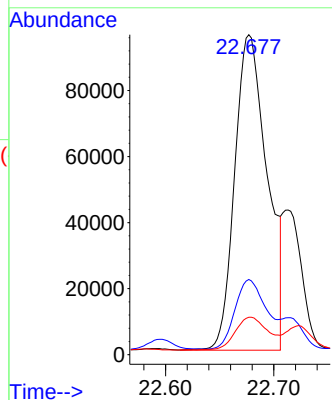
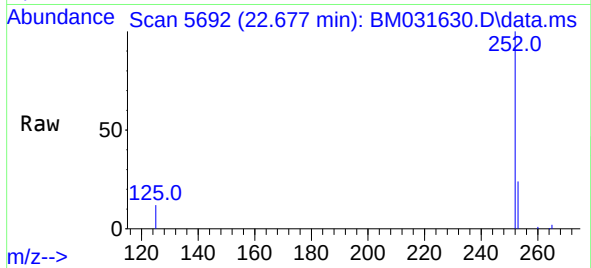
#24
Benzo(b)fluoranthene
Concen: 9.201 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:252 Resp: 199198
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.0
125 11.7 0.0 22.8

Instrument :
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ClientSampled :
C00A7

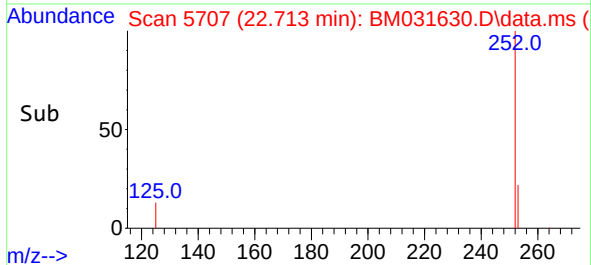
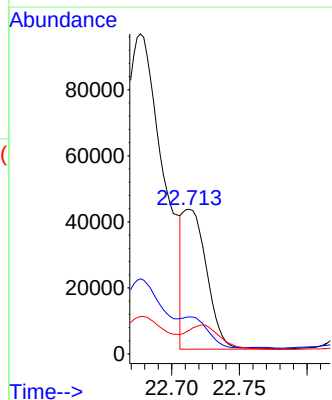
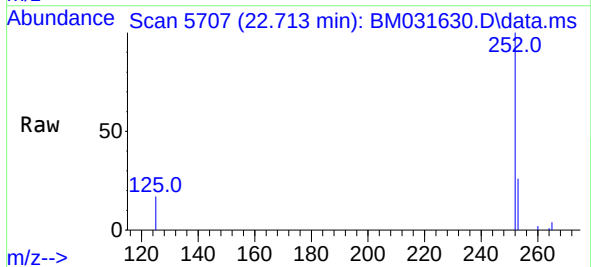
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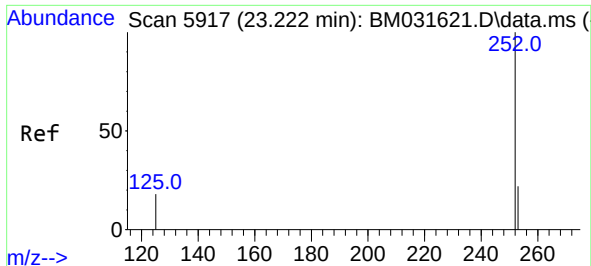
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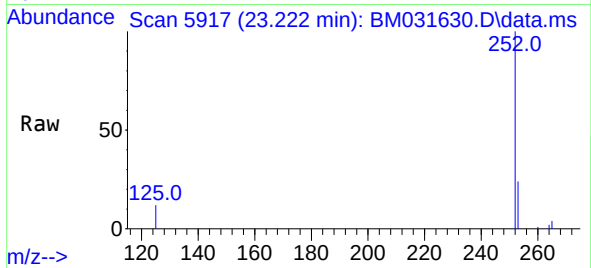
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Benzo(k)fluoranthene
Concen: 2.363 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion:252 Resp: 52849
Ion Ratio Lower Upper
252 100
253 25.6 21.3 31.9
125 16.5 8.8 13.2#

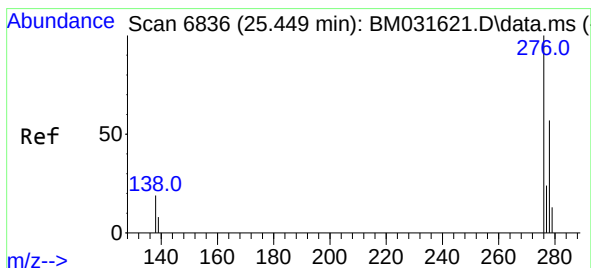
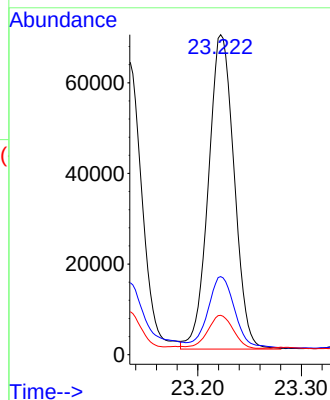
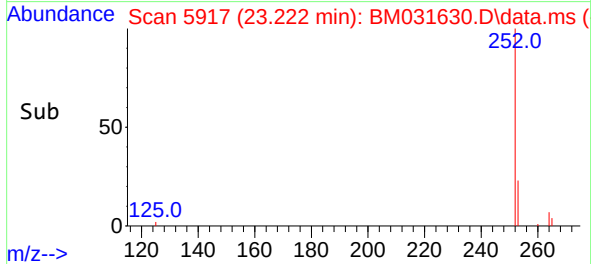




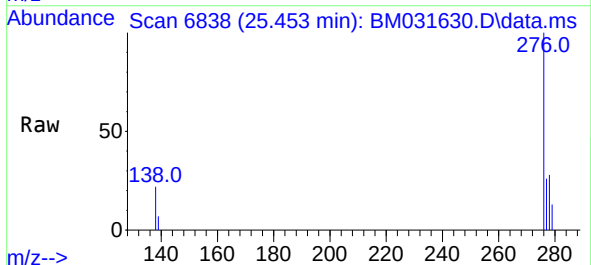
#26
Benzo(a)pyrene
Concen: 6.335 ng/ul m
RT: 23.222 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07



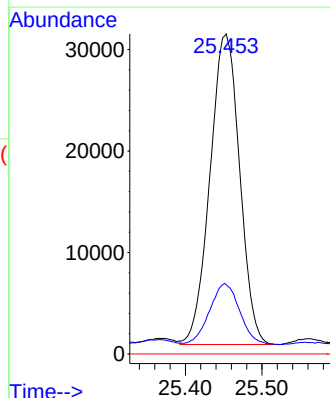
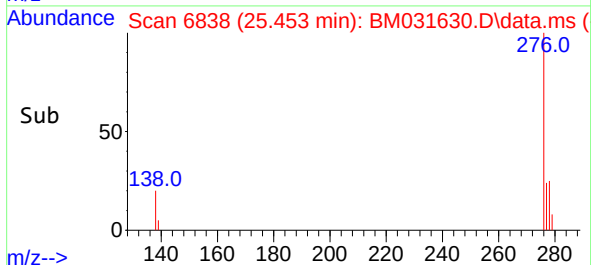
Tgt Ion:252 Resp: 120111
Ion Ratio Lower Upper
252 100
253 24.4 22.4 33.6
125 12.3 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.359 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.000 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07



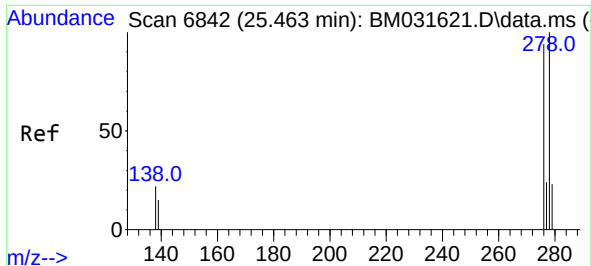
Tgt Ion:276 Resp: 82314
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00A7

Manual Integrations
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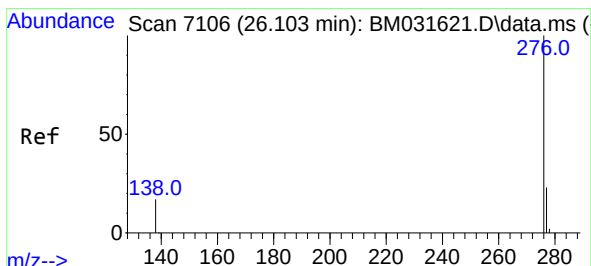
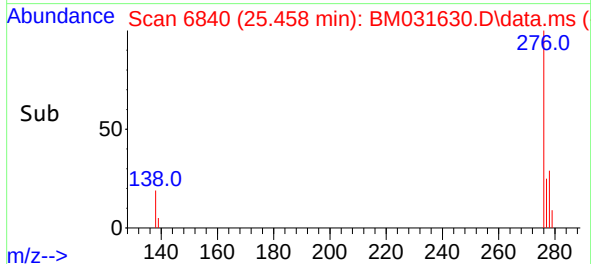
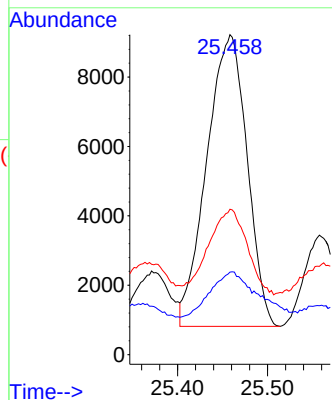
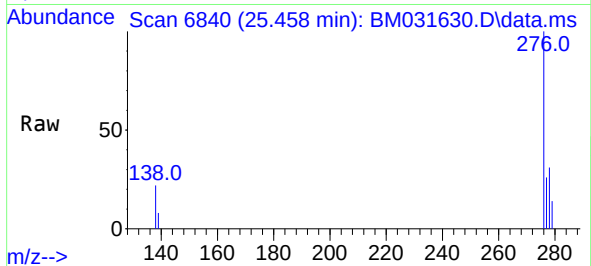
#28
Dibenzo(a,h)anthracene
Concen: 1.326 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.010 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion: 278 Resp: 26196
Ion Ratio Lower Upper
278 100
139 25.8 13.3 19.9#
279 45.5 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C00A7

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 3.745 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. 0.007 min
Lab File: BM031630.D
Acq: 10 Aug 2021 08:07

Tgt Ion: 276 Resp: 78297
Ion Ratio Lower Upper
276 100
138 21.1 15.4 23.2
277 25.4 19.9 29.9

