

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031641.D
 Acq On : 10 Aug 2021 14:55
 Operator : CG/JU
 Sample : M3169-22DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C1DL

Manual Integrations
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Quant Time: Aug 10 15:28:03 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 11:49:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5279	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	2917	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5382	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4479	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4427	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	902	0.557	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	382	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	808	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	3153	0.201	ng/ul	96
7) 2-Methylnaphthalene	12.011	142	2195	0.204	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	1334	0.126	ng/ul	100
10) Acenaphthylene	13.932	152	2956	0.238	ng/ul	96
11) Acenaphthene	14.273	153	447	0.043	ng/ul#	91
12) Fluorene	15.266	166	862	0.072	ng/ul#	91
15) Phenanthrene	17.003	178	19149	1.120	ng/ul	98
16) Anthracene	17.093	178	4034	0.252	ng/ul	98
19) Fluoranthene	19.024	202	45047	2.355	ng/ul	97
20) Pyrene	19.390	202	37535	1.935	ng/ul	98
21) Benzo(a)anthracene	21.142	228	19303	1.067	ng/ul	96
22) Chrysene	21.193	228	22101	1.181	ng/ul	98
24) Benzo(b)fluoranthene	22.677	252	30693m	1.539	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	11480m	0.557	ng/ul	
26) Benzo(a)pyrene	23.222	252	18283	1.047	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.451	276	13620	0.603	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.458	278	3394	0.187	ng/ul#	74
29) Benzo(g,h,i)perylene	26.100	276	3735	0.194	ng/ul#	86

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

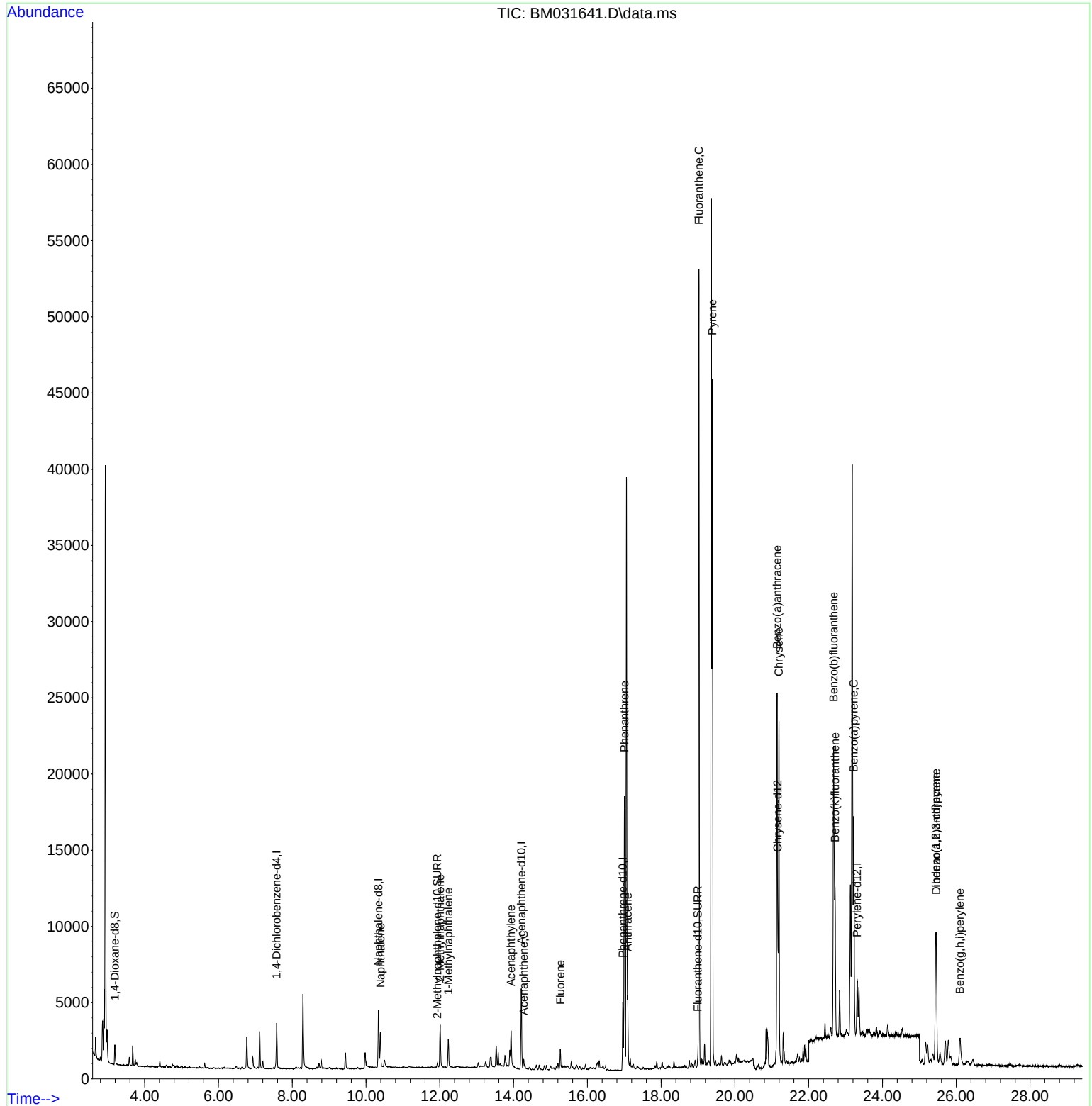
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031641.D
Acq On : 10 Aug 2021 14:55
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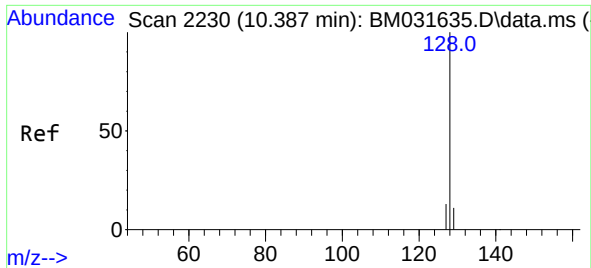
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Quant Time: Aug 10 15:28:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:49:22 2021
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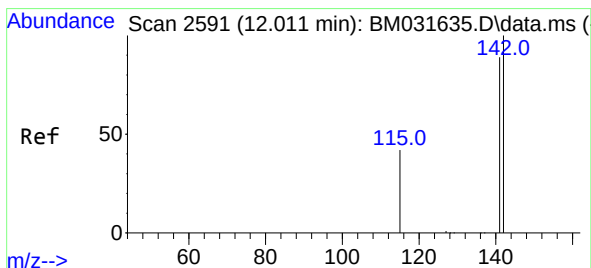
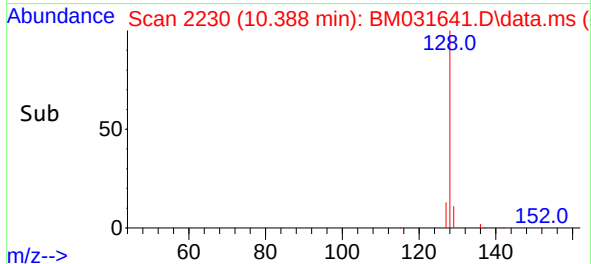
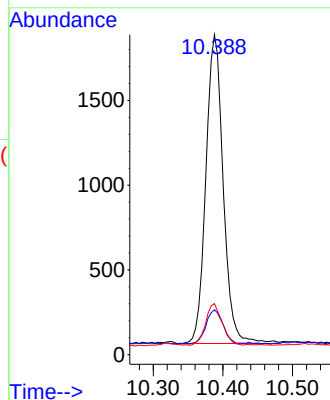
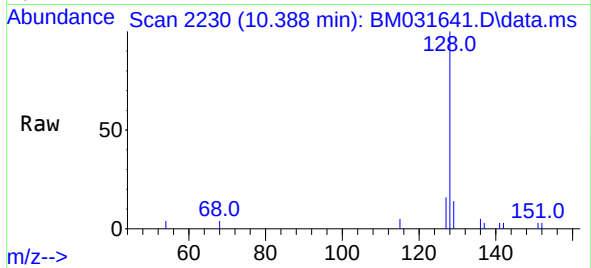
#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:	128	Resp:	3153
Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.0	15.0
127	15.9	11.6	17.4

Instrument :
BNA_M
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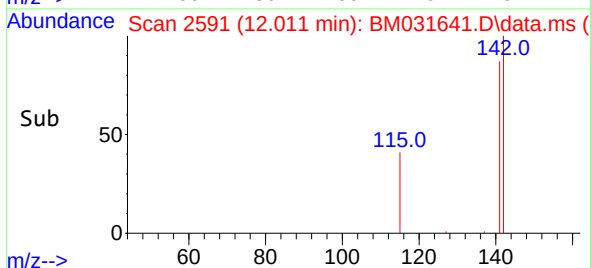
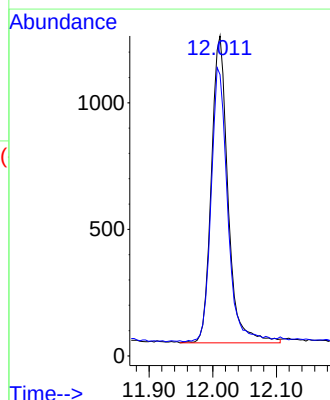
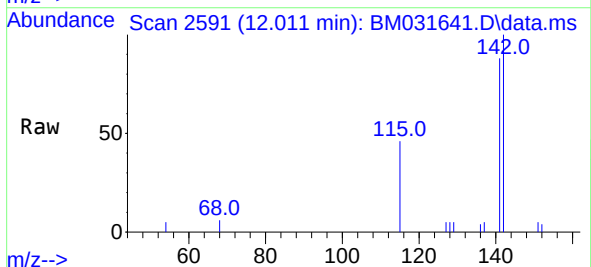
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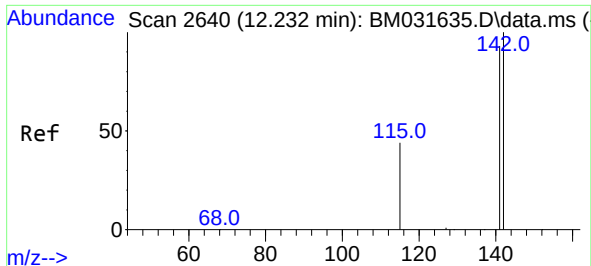
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#7
2-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:	142	Resp:	2195
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.0





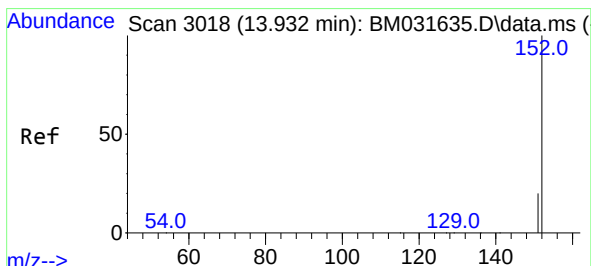
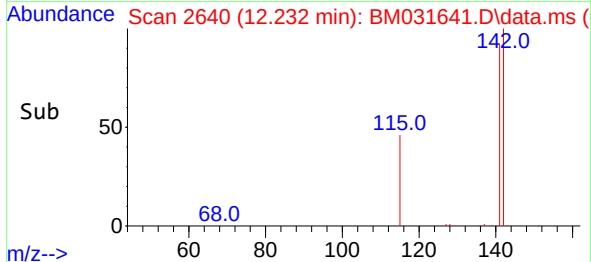
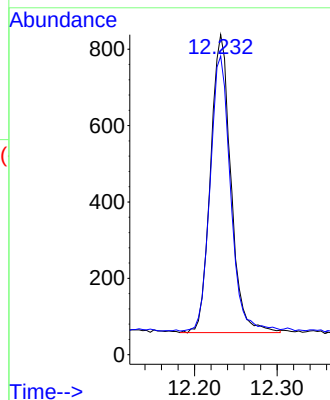
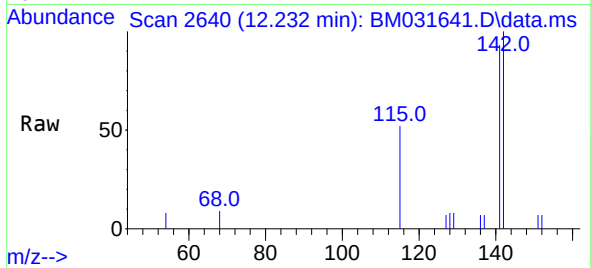
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1-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:142 Resp: 1334
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

Instrument :
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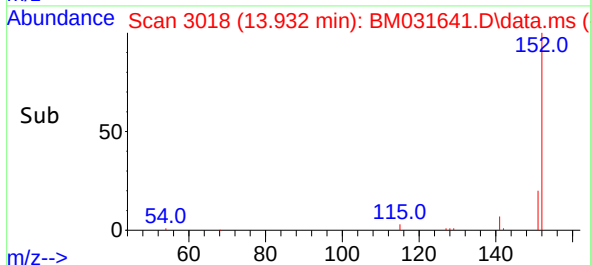
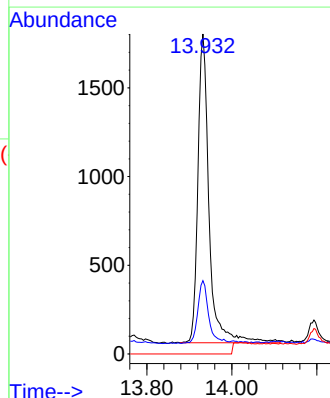
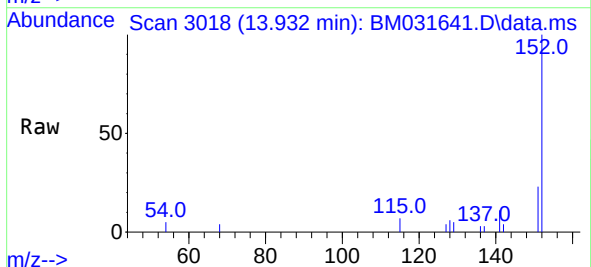
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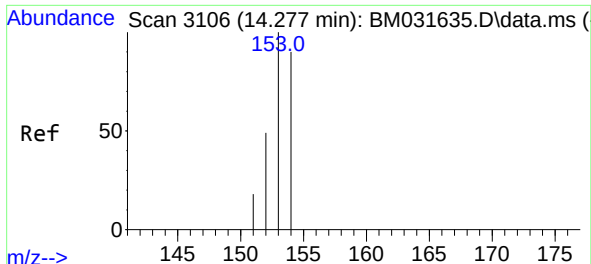
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#10
Acenaphthylene
Concen: 0.238 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:152 Resp: 2956
Ion Ratio Lower Upper
152 100
151 22.9 16.9 25.3
153 0.0 0.0 0.0





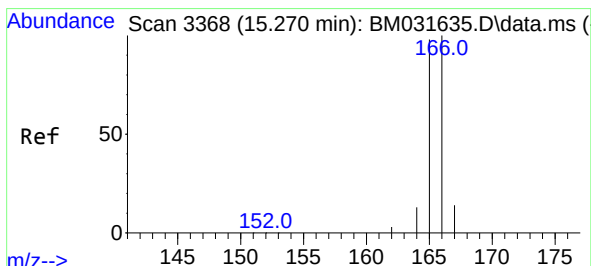
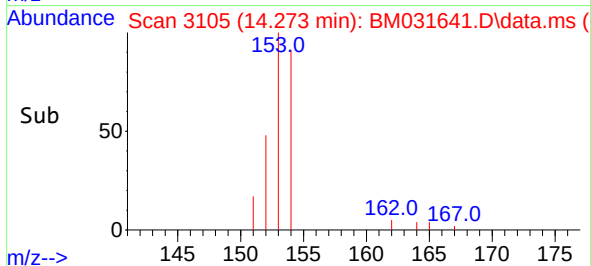
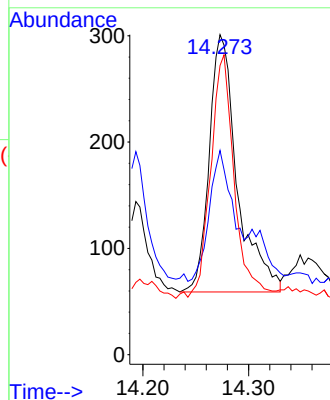
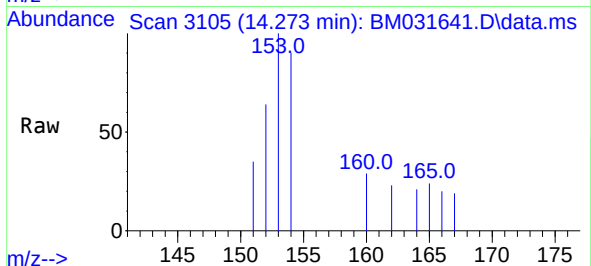
#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:153 Resp: 447
Ion Ratio Lower Upper
153 100
152 63.8 40.7 61.1#
154 90.4 70.2 105.2

Instrument :
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ClientSampleId :
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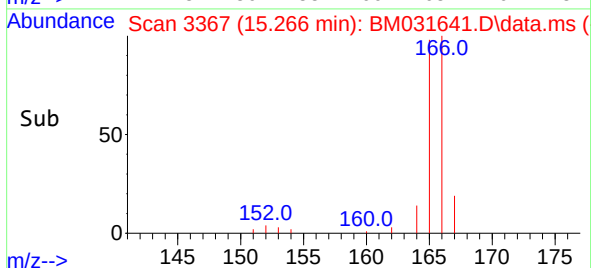
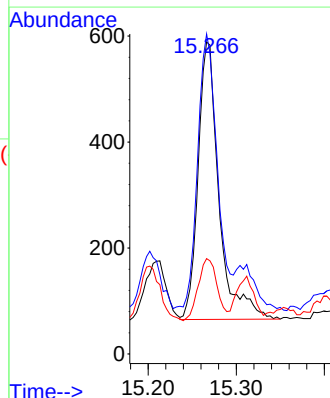
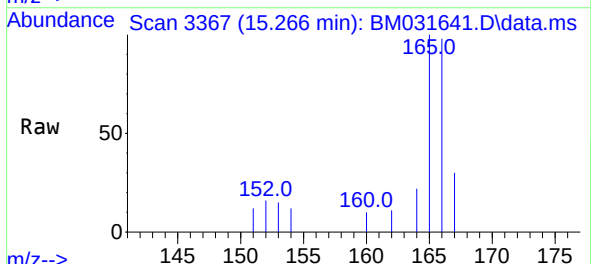
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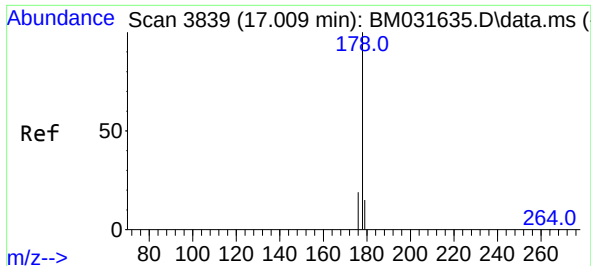
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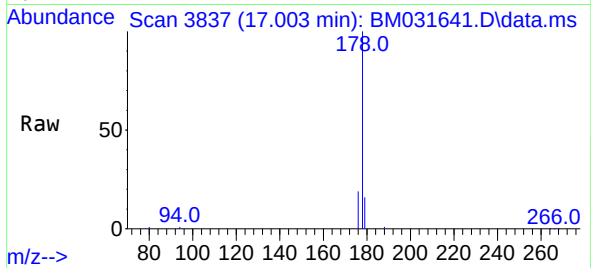
#12
Fluorene
Concen: 0.072 ng/u1
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:166 Resp: 862
Ion Ratio Lower Upper
166 100
165 102.5 78.0 117.0
167 30.6 12.0 18.0#

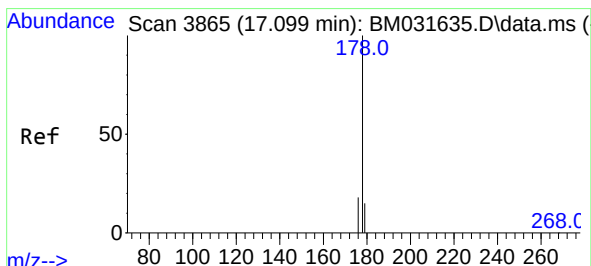
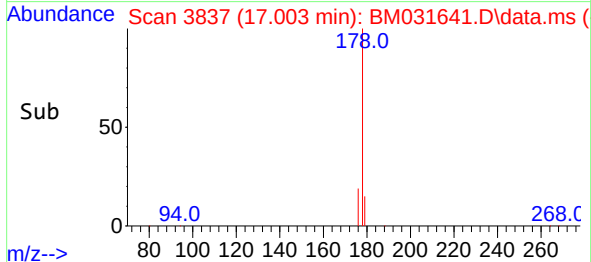
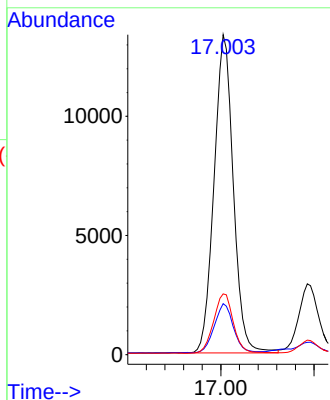




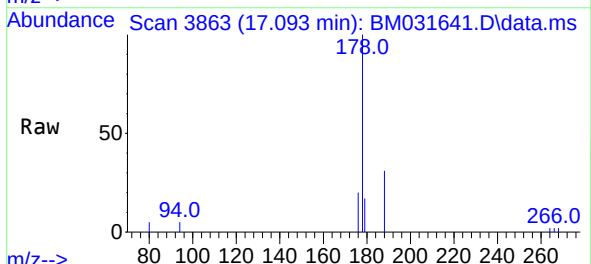
#15
Phenanthrene
Concen: 1.120 ng/u1
RT: 17.003 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55



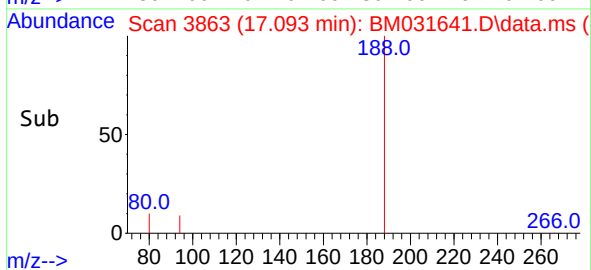
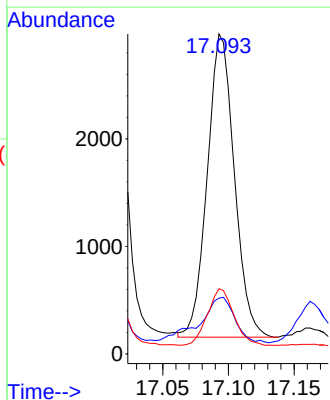
Tgt Ion:178 Resp: 19149
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.0 16.2 24.4



#16
Anthracene
Concen: 0.252 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55



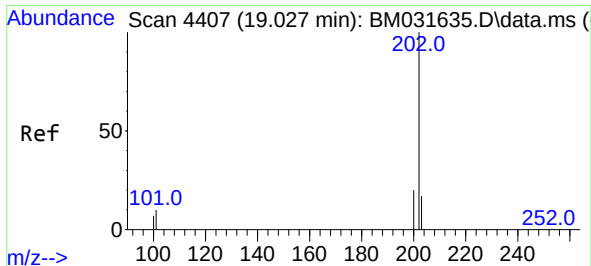
Tgt Ion:178 Resp: 4034
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 20.4 15.6 23.4



Instrument :
BNA_M
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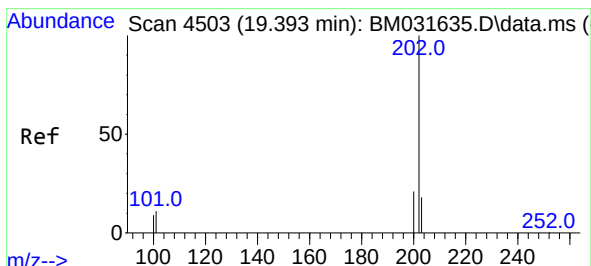
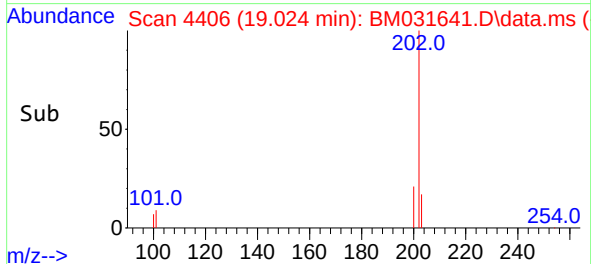
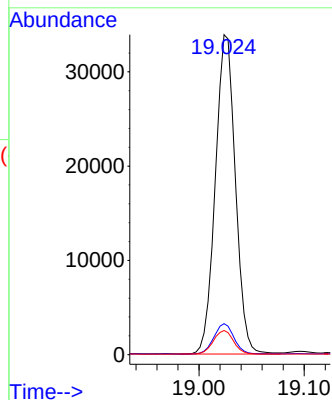
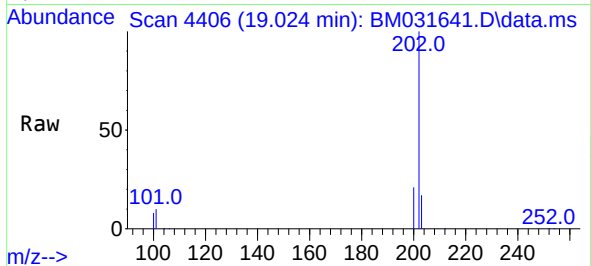
#19
Fluoranthene
Concen: 2.355 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:	202	Resp:	45047
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.6	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00C1DL

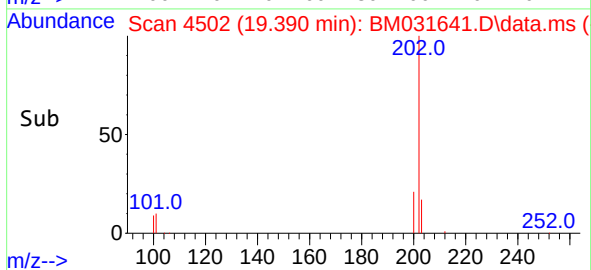
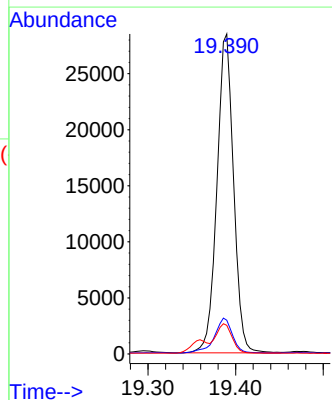
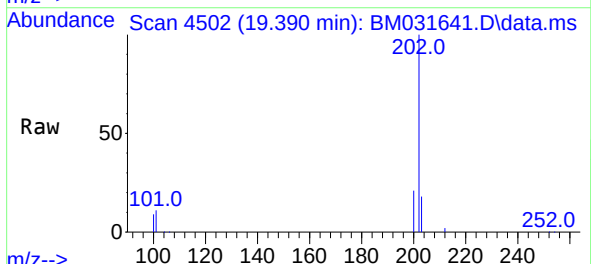
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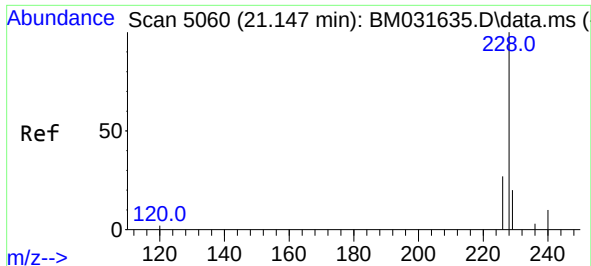
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#20
Pyrene
Concen: 1.935 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:	202	Resp:	37535
Ion Ratio	Lower	Upper	
202	100		
101	10.6	7.8	11.6
100	9.0	6.6	10.0





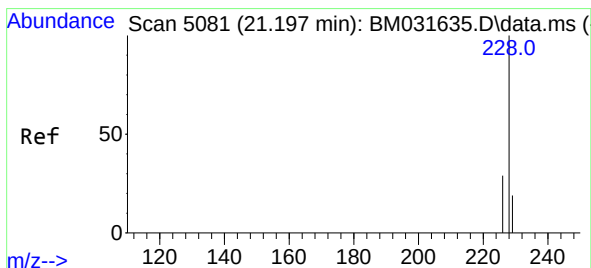
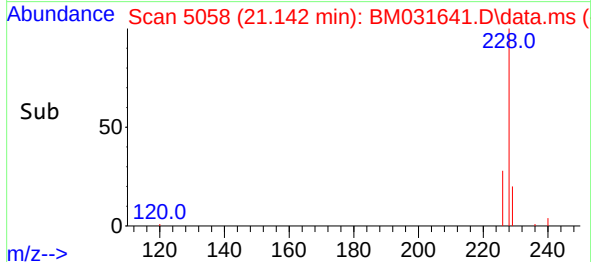
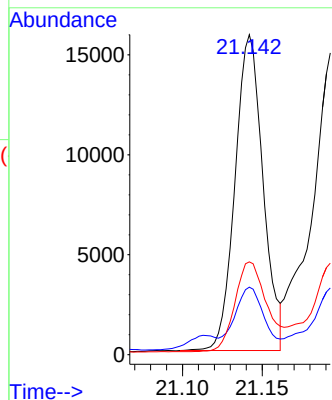
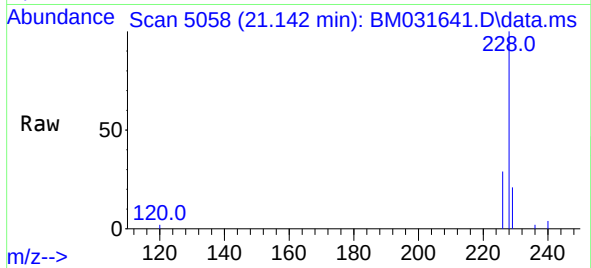
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Benzo(a)anthracene
Concen: 1.067 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:	228	Resp:	19303
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.6	23.4
226	29.0	21.7	32.5

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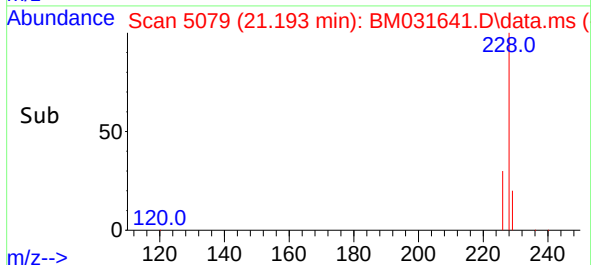
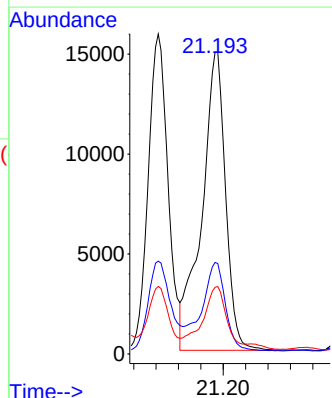
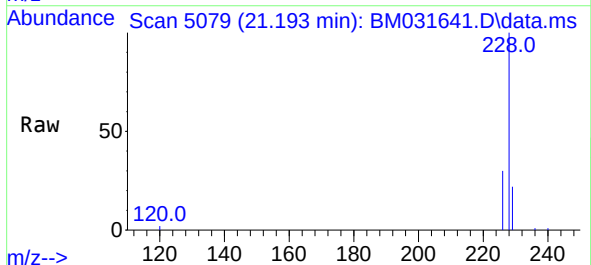
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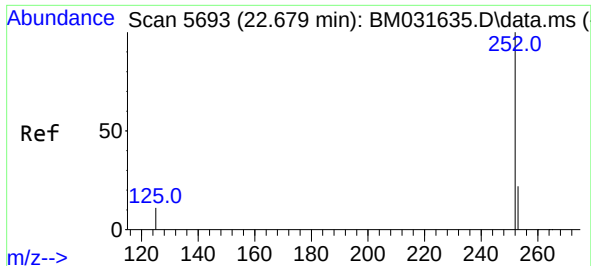
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#22
Chrysene
Concen: 1.181 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.005 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:	228	Resp:	22101
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.7	37.1
229	22.1	16.2	24.2





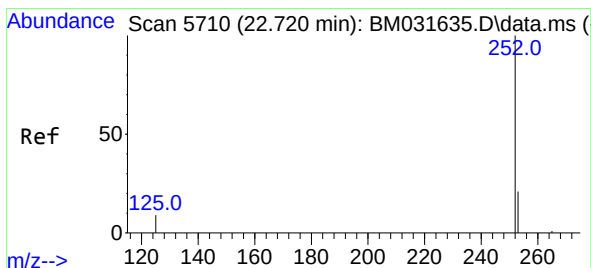
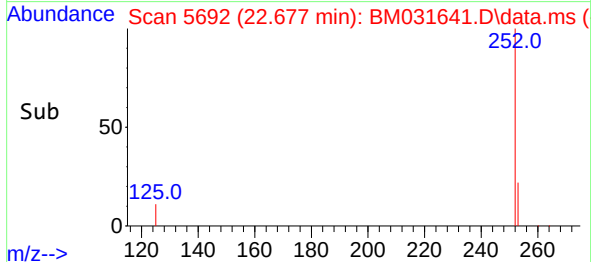
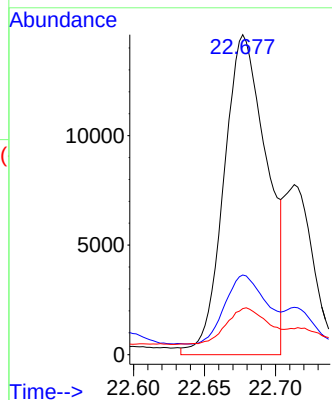
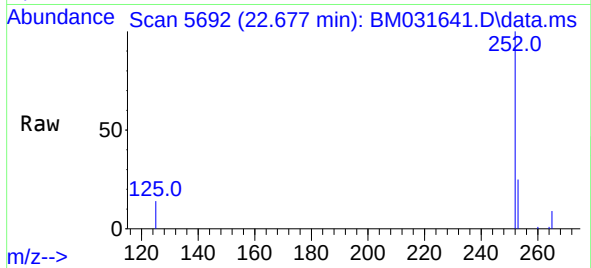
#24
Benzo(b)fluoranthene
Concen: 1.539 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.002 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:252	Resp:	30693
Ion Ratio	Lower	Upper
252	100	
253	24.9	0.0 53.0
125	14.4	0.0 22.8

Instrument :
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C00C1DL

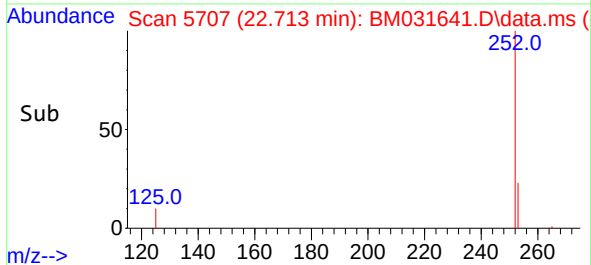
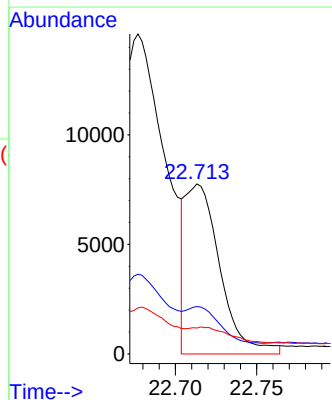
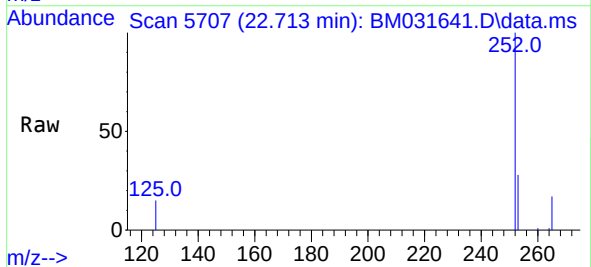
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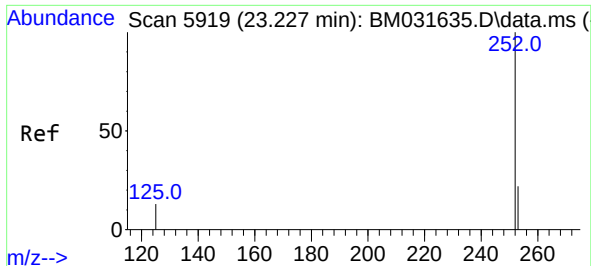
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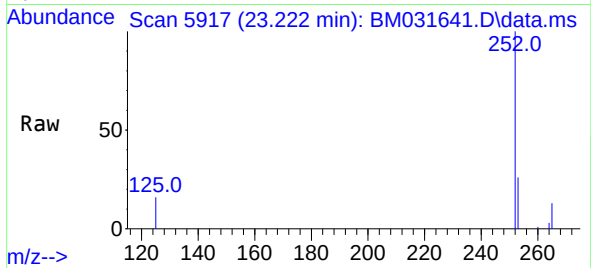
#25
Benzo(k)fluoranthene
Concen: 0.557 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:252	Resp:	11480
Ion Ratio	Lower	Upper
252	100	
253	27.9	21.3 31.9
125	15.3	8.8 13.2#

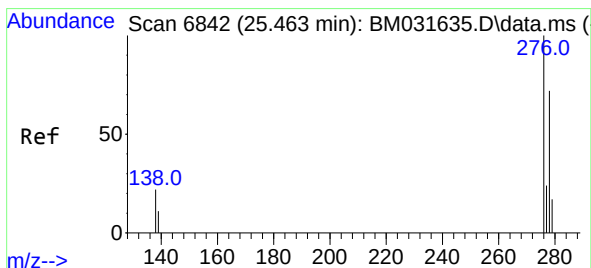
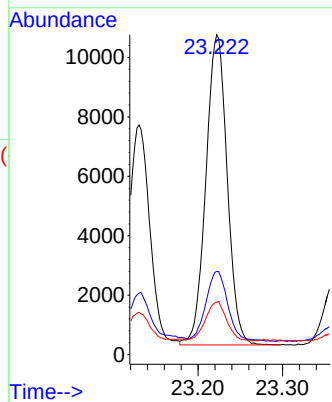
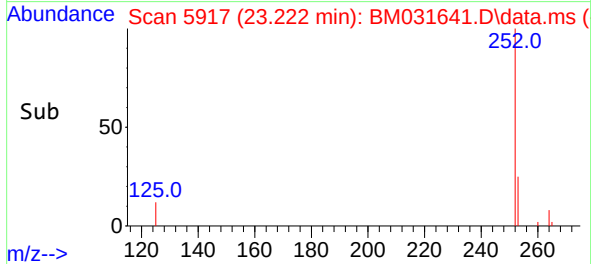




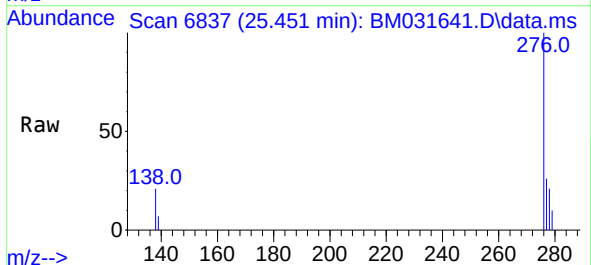
#26
Benzo(a)pyrene
Concen: 1.047 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.005 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55



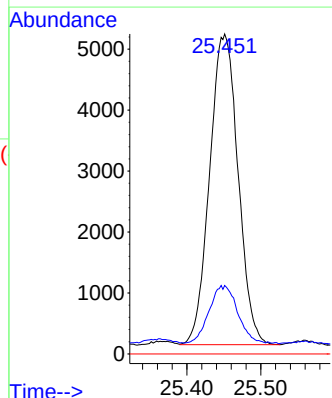
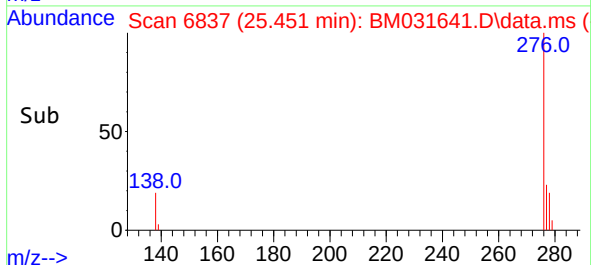
Tgt Ion:252 Resp: 18283
Ion Ratio Lower Upper
252 100
253 26.0 22.4 33.6
125 16.4 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.603 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55



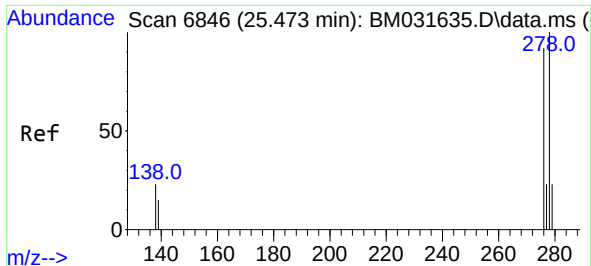
Tgt Ion:276 Resp: 13620
Ion Ratio Lower Upper
276 100
138 18.4 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00C1DL

Manual Integrations
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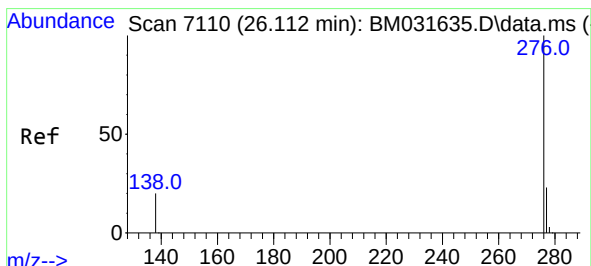
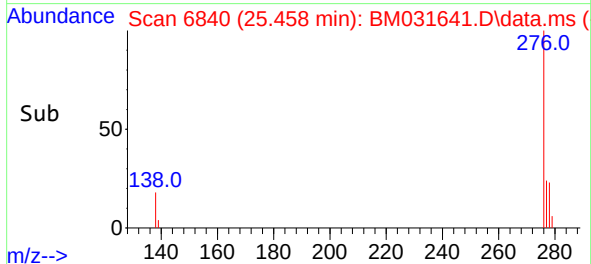
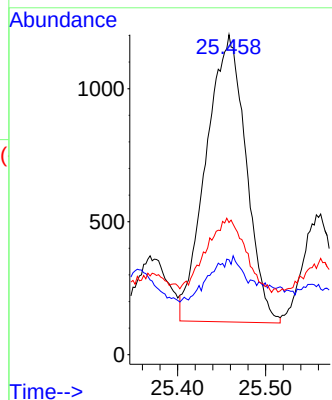
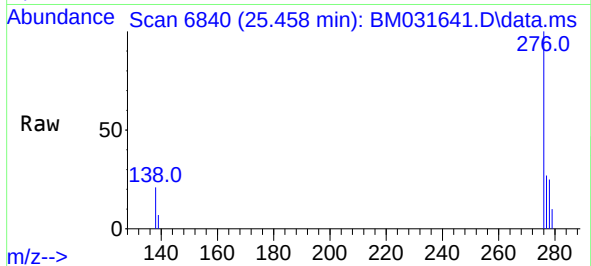
#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.014 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:278 Resp: 3394
Ion Ratio Lower Upper
278 100
139 29.7 13.3 19.9#
279 41.3 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C00C1DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.012 min
Lab File: BM031641.D
Acq: 10 Aug 2021 14:55

Tgt Ion:276 Resp: 3735
Ion Ratio Lower Upper
276 100
138 27.6 15.4 23.2#
277 30.5 19.9 29.9#

