

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031618.D
 Acq On : 10 Aug 2021 00:12
 Operator : CG/JU
 Sample : M3169-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B2

Manual Integrations
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Quant Time: Aug 10 02:55:52 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 02:43:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5533	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.212	164	3250	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5863	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4329	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4432	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	3956	2.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1963	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3538	0.245	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.388	128	6929	0.420	ng/ul	99
7) 2-Methylnaphthalene	12.007	142	5504	0.489	ng/ul	98
8) 1-Methylnaphthalene	12.232	142	3297	0.296	ng/ul	99
10) Acenaphthylene	13.932	152	8362	0.604	ng/ul	100
11) Acenaphthene	14.273	153	1846	0.158	ng/ul	98
12) Fluorene	15.266	166	3486	0.260	ng/ul#	95
15) Phenanthrene	17.002	178	75591	4.060	ng/ul	97
16) Anthracene	17.096	178	14227	0.816	ng/ul	99
19) Fluoranthene	19.024	202	208789	11.295	ng/ul	97
20) Pyrene	19.390	202	168017	8.961	ng/ul	97
21) Benzo(a)anthracene	21.142	228	80268	4.592	ng/ul	97
22) Chrysene	21.193	228	97166	5.372	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	136784m	6.850	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	44430m	2.154	ng/ul	
26) Benzo(a)pyrene	23.222	252	80724	4.616	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.446	276	65922	2.916	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	15600	0.856	ng/ul#	86
29) Benzo(g,h,i)perylene	26.100	276	17690	0.917	ng/ul#	91

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

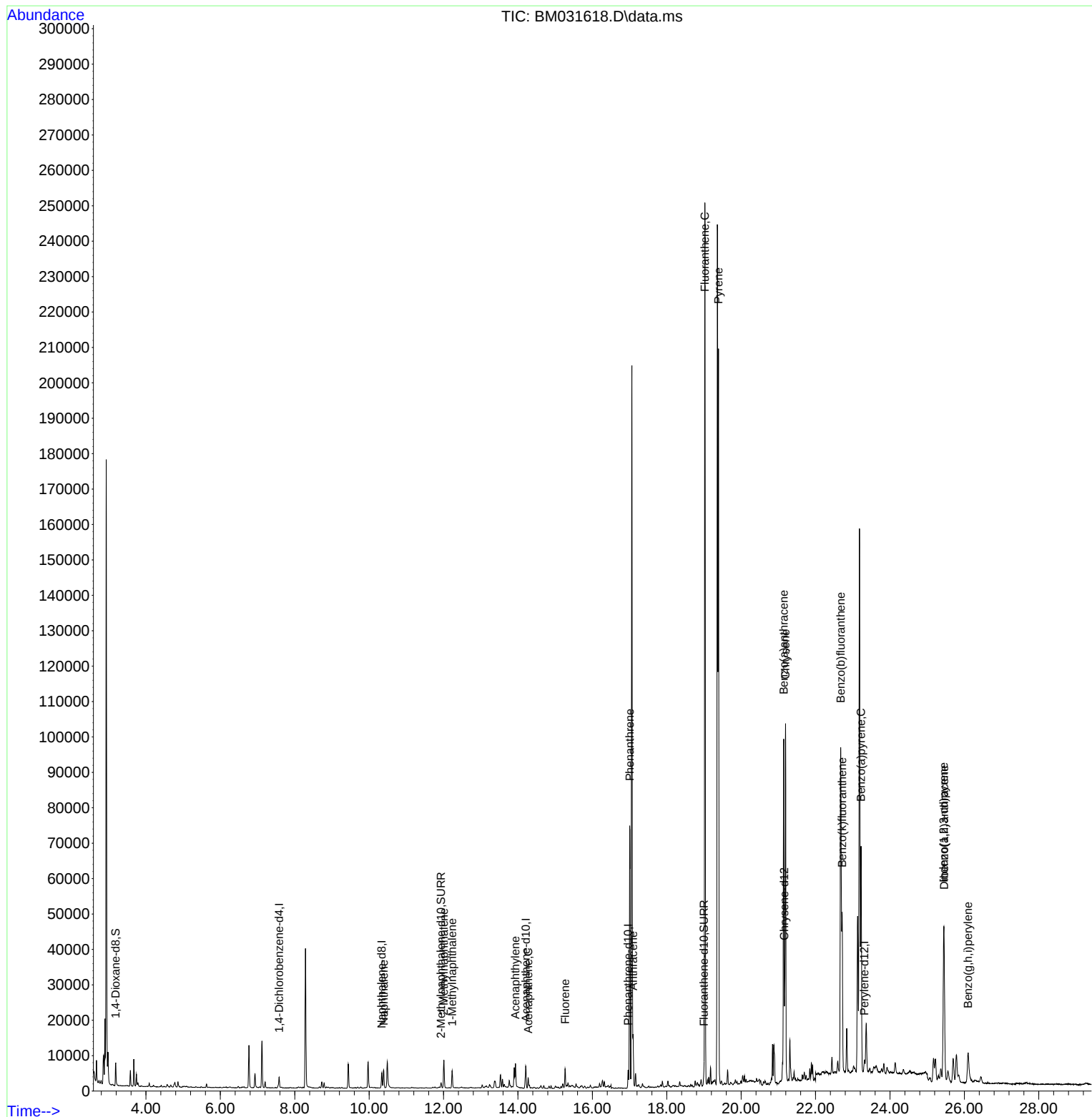
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031618.D
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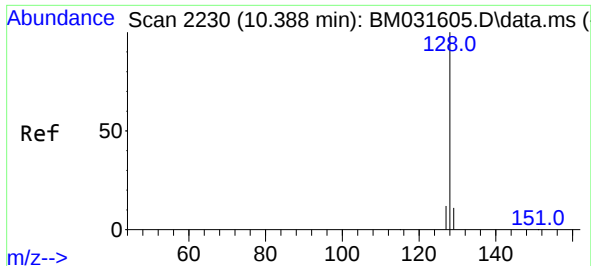
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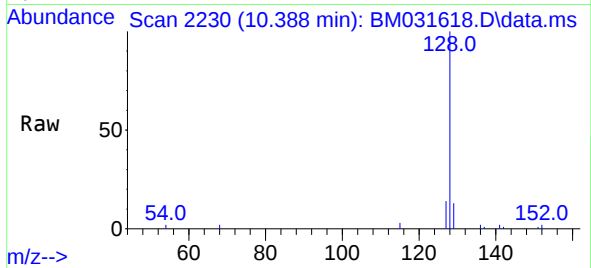
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Quant Time: Aug 10 02:55:52 2021
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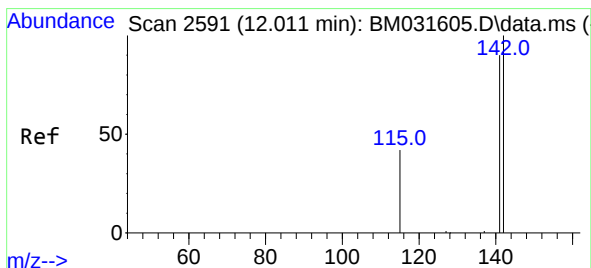
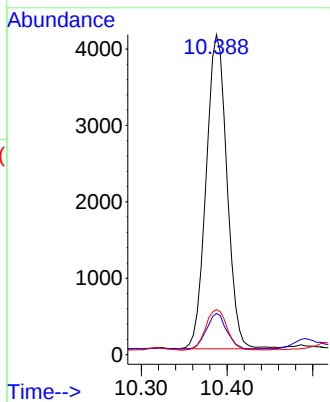
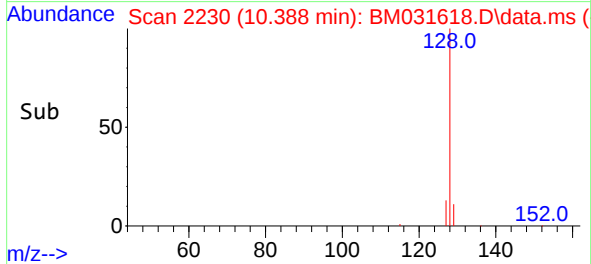


#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

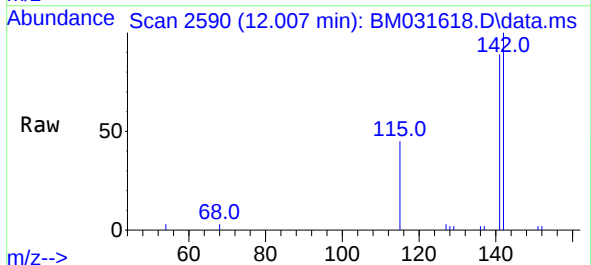


Tgt Ion:128 Resp: 6929

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.0	15.0
127	14.1	11.6	17.4

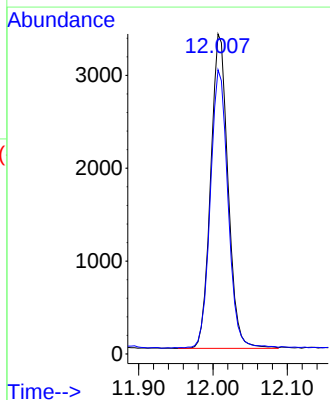
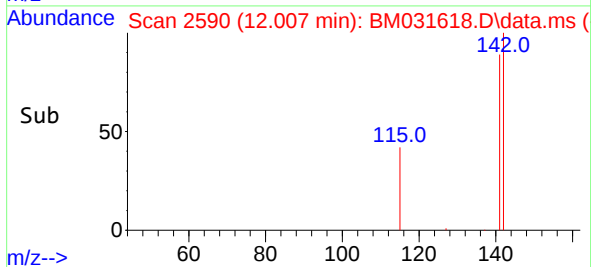


#7
2-Methylnaphthalene
Concen: 0.489 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



Tgt Ion:142 Resp: 5504

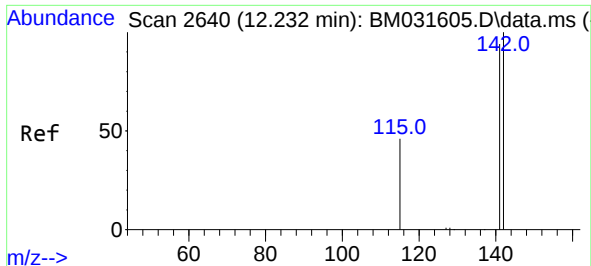
Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
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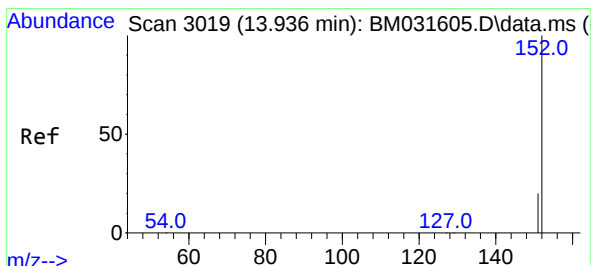
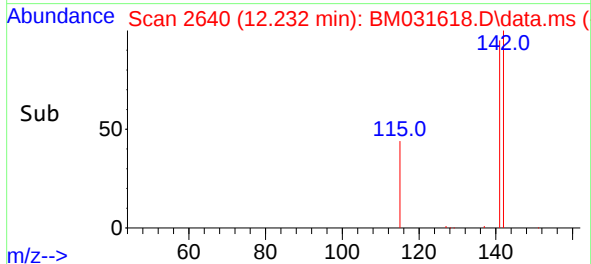
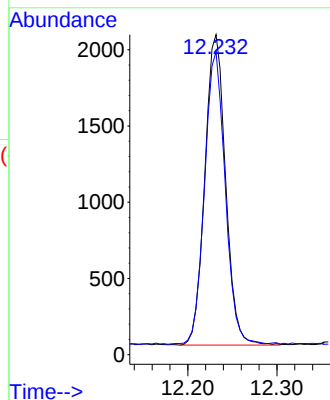
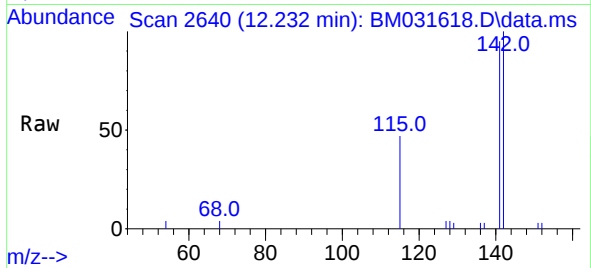
#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.000 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

Tgt Ion:142 Resp: 3297
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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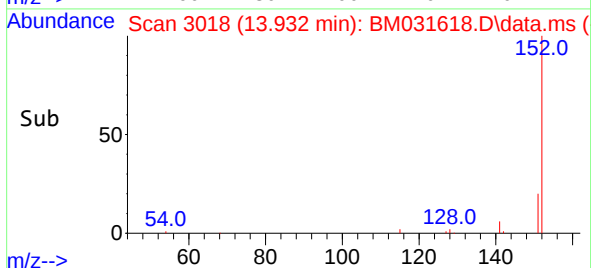
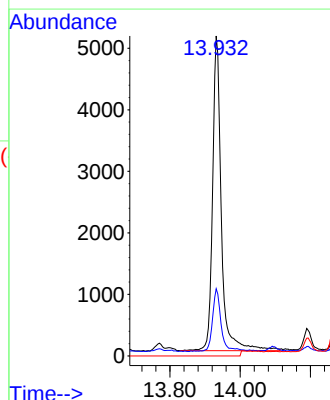
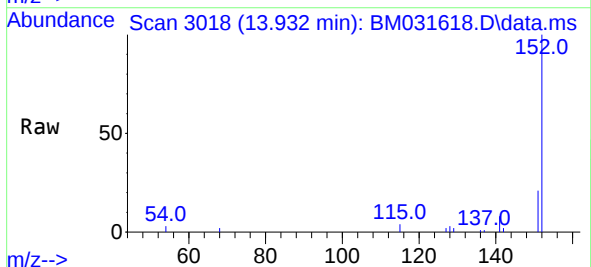
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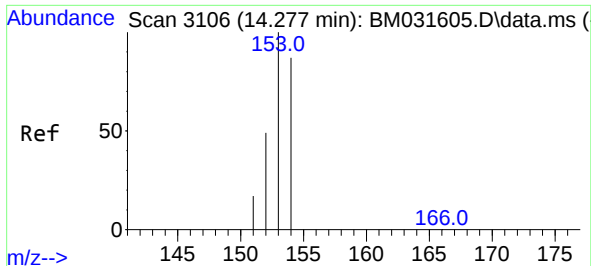
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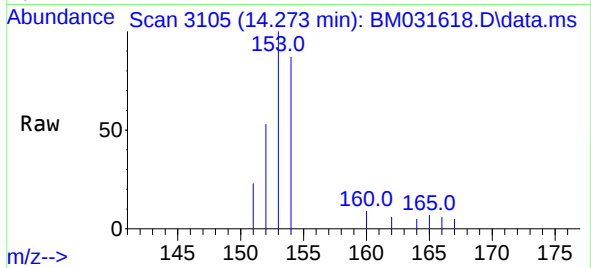
#10
Acenaphthylene
Concen: 0.604 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

Tgt Ion:152 Resp: 8362
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 0.0 0.0 0.0

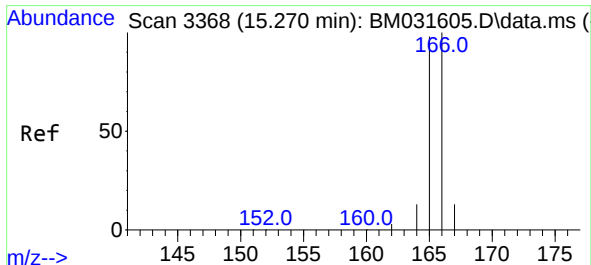
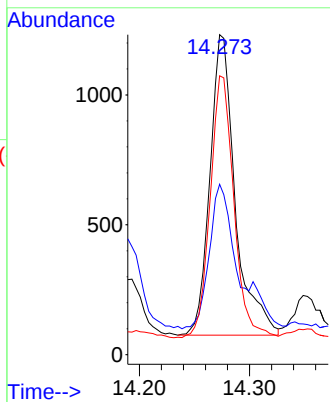
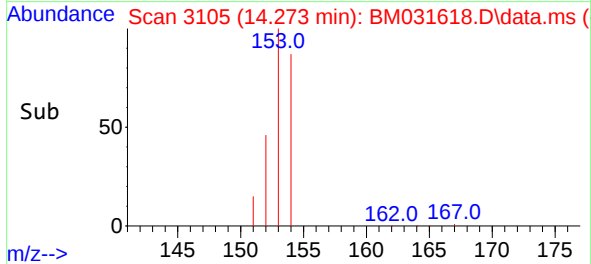




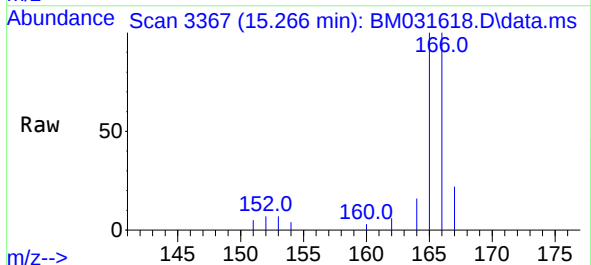
#11
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



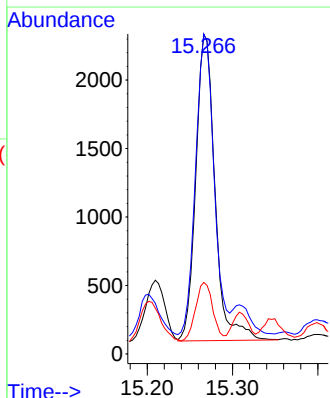
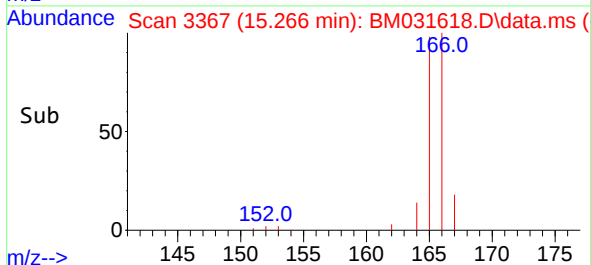
Tgt Ion:153 Resp: 1846
Ion Ratio Lower Upper
153 100
152 53.2 40.7 61.1
154 87.2 70.2 105.2



#12
Fluorene
Concen: 0.260 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



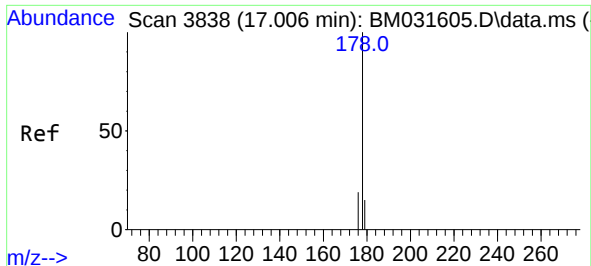
Tgt Ion:166 Resp: 3486
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 22.4 12.0 18.0#



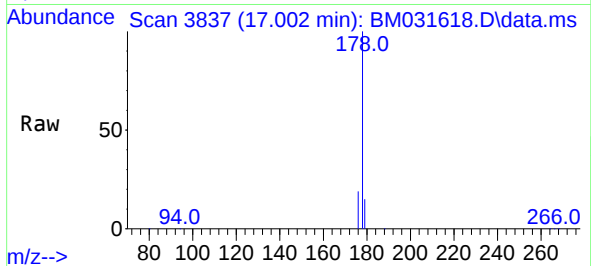
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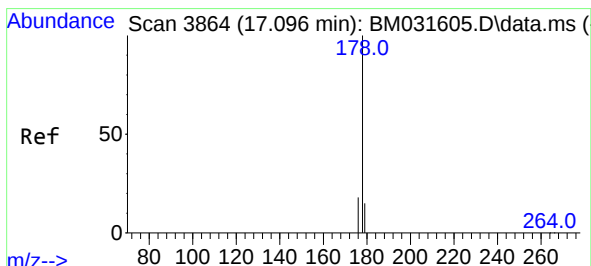
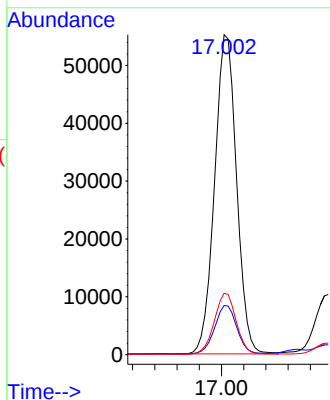
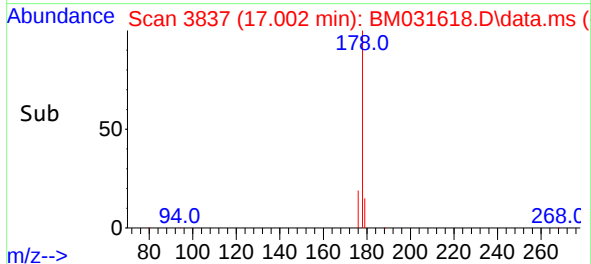
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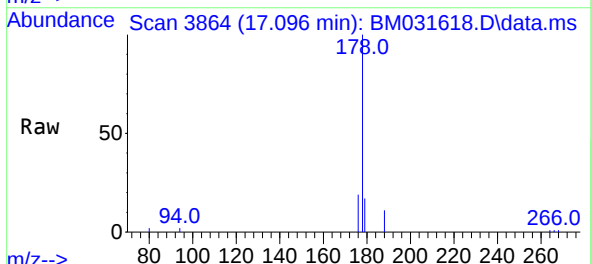
#15
Phenanthrene
Concen: 4.060 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



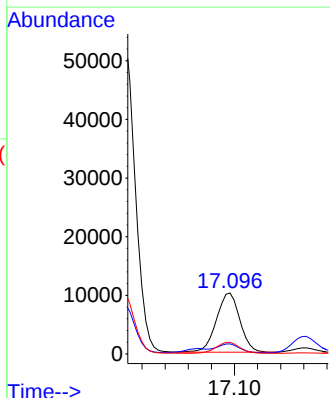
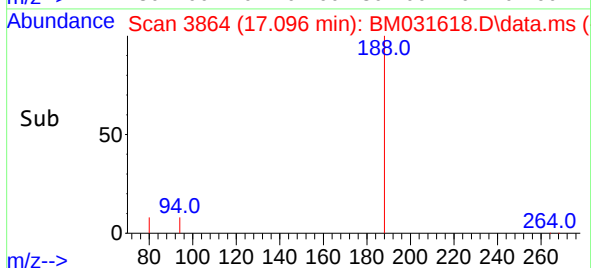
Tgt Ion:178 Resp: 75591
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.816 ng/u1
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



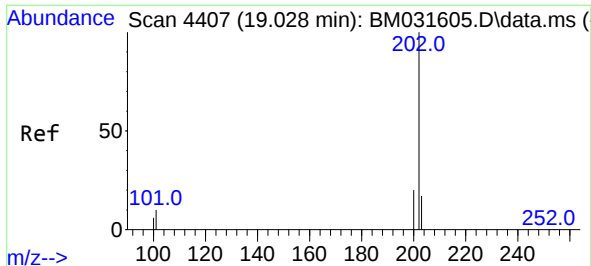
Tgt Ion:178 Resp: 14227
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.1 15.6 23.4



Instrument :
BNA_M
ClientSampled :
C00B2

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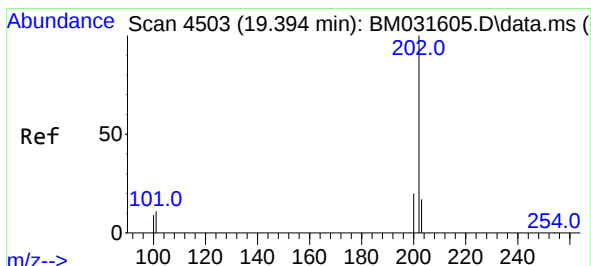
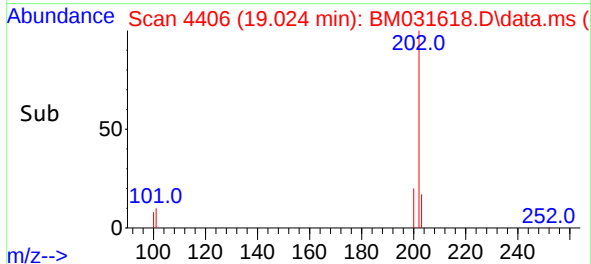
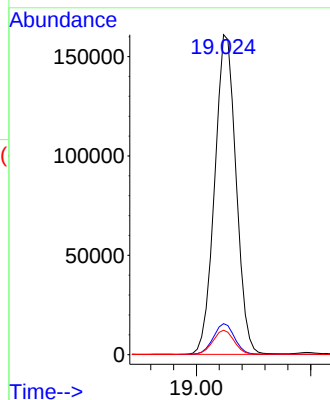
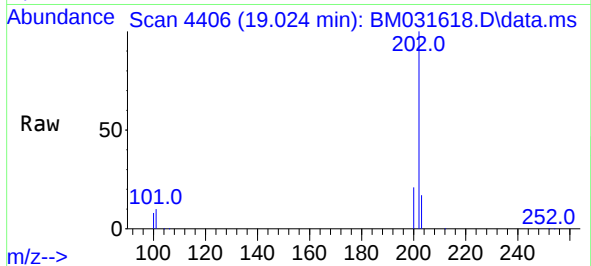
#19
Fluoranthene
Concen: 11.295 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

Tgt Ion:202	Resp:	208789
Ion Ratio	Lower	Upper
202	100	
101	9.7	6.6 10.0
100	7.7	5.4 8.0

Instrument :
BNA_M
ClientSampled :
C00B2

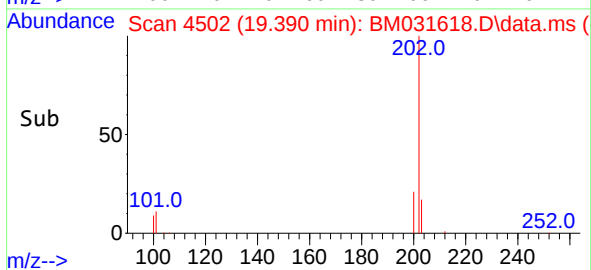
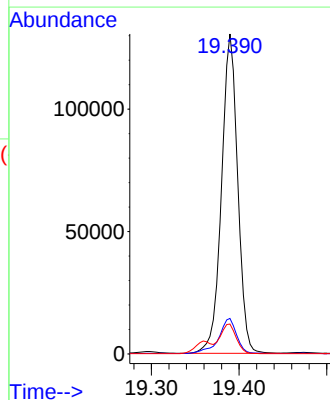
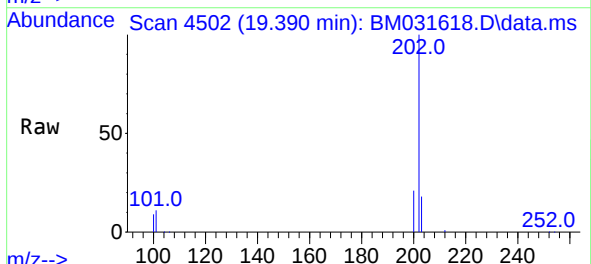
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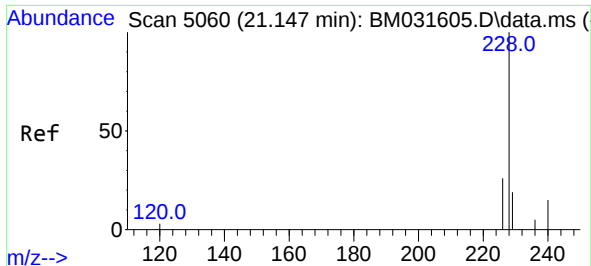
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#20
Pyrene
Concen: 8.961 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

Tgt Ion:202	Resp:	168017
Ion Ratio	Lower	Upper
202	100	
101	11.1	7.8 11.6
100	9.3	6.6 10.0





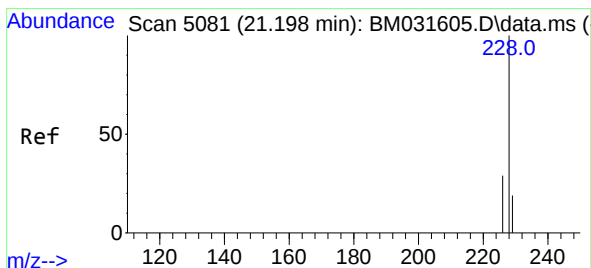
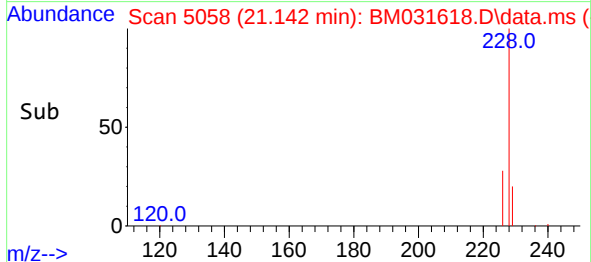
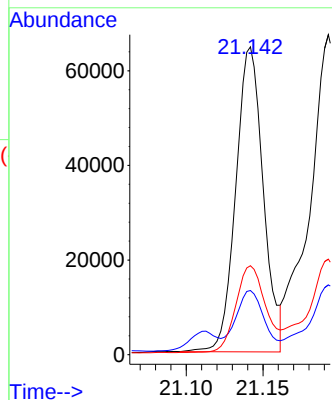
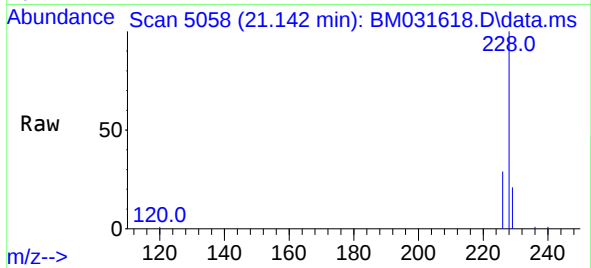
#21
Benzo(a)anthracene
Concen: 4.592 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

Tgt Ion:228	Resp:	80268
Ion Ratio	Lower	Upper
228	100	
229	20.9	15.6 23.4
226	28.9	21.7 32.5

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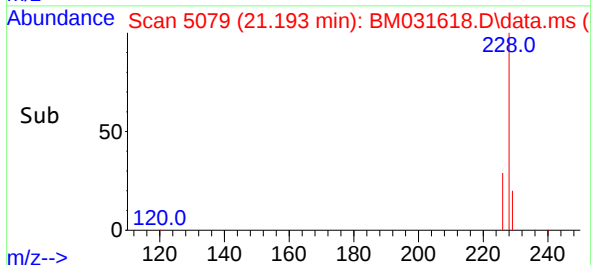
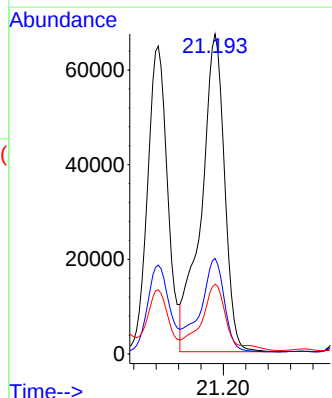
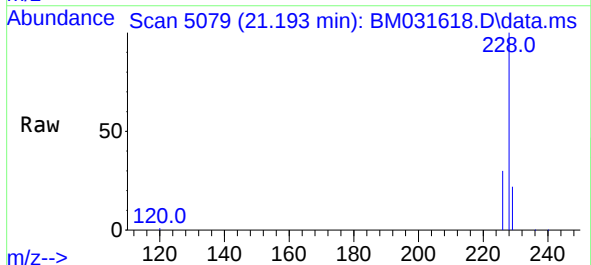
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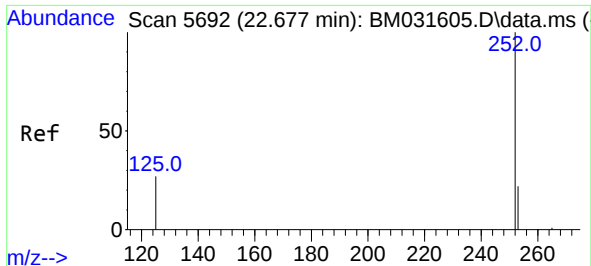
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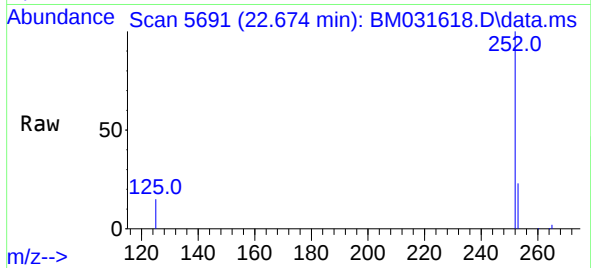
#22
Chrysene
Concen: 5.372 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12

Tgt Ion:228	Resp:	97166
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	21.8	16.2 24.2

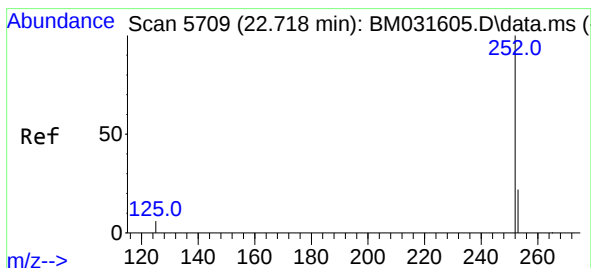
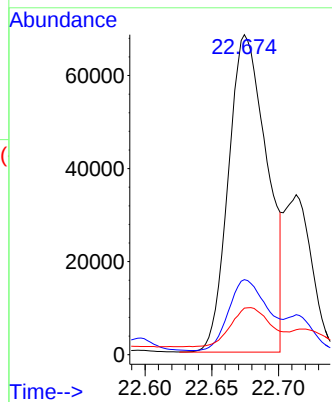
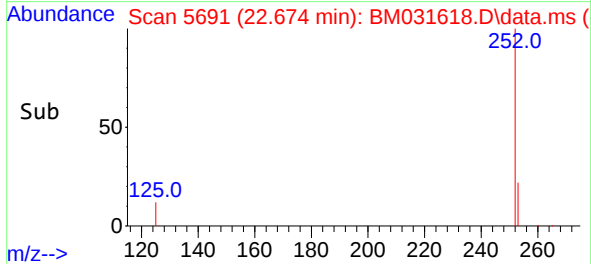




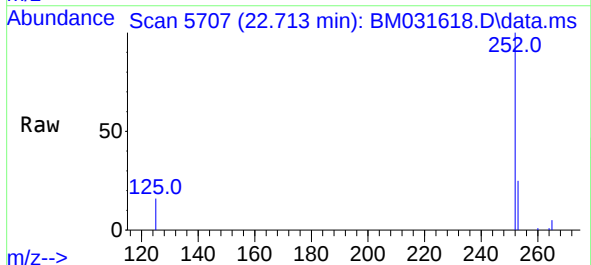
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Benzo(b)fluoranthene
Concen: 6.850 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.003 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



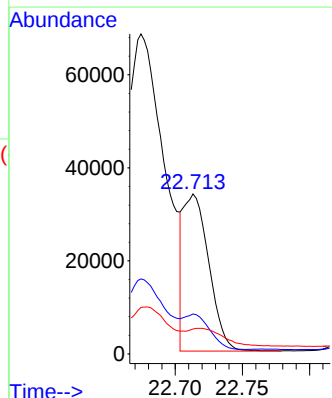
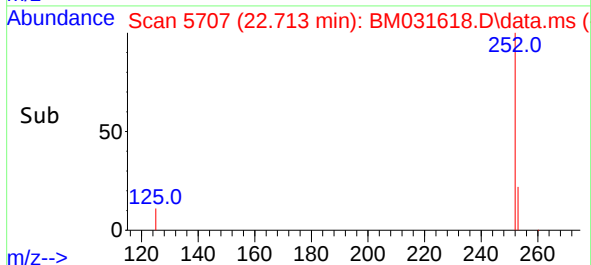
Tgt Ion:252 Resp: 136784
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.0
125 14.6 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 2.154 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



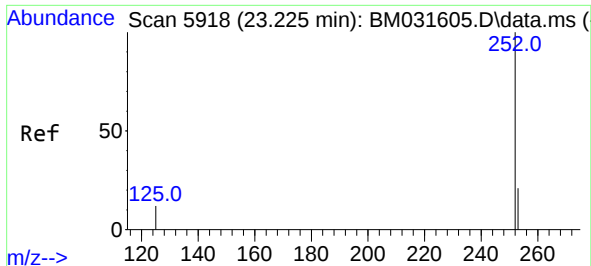
Tgt Ion:252 Resp: 44430
Ion Ratio Lower Upper
252 100
253 25.0 21.3 31.9
125 15.6 8.8 13.2#



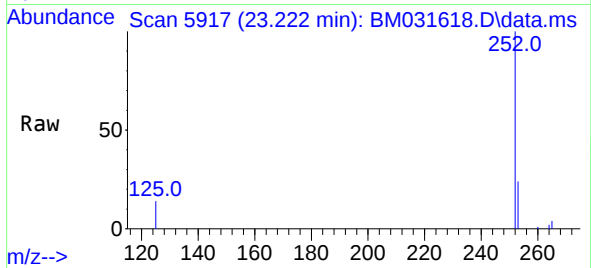
Instrument :
BNA_M
ClientSampled :
C00B2

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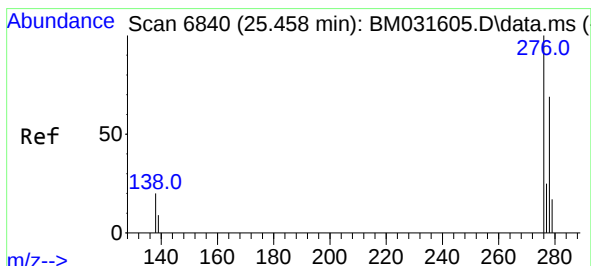
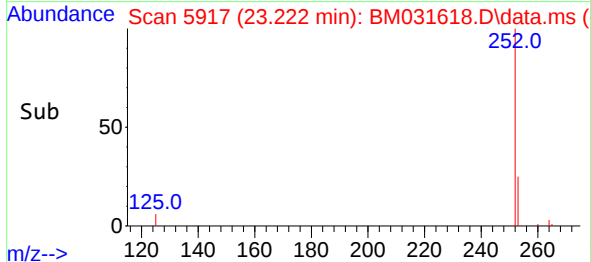
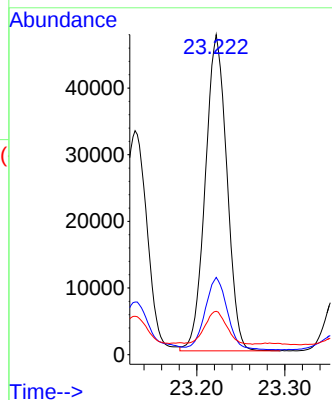
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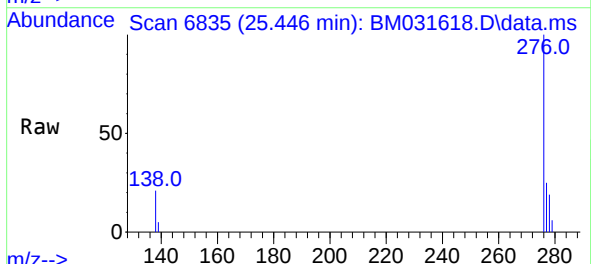
#26
Benzo(a)pyrene
Concen: 4.616 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



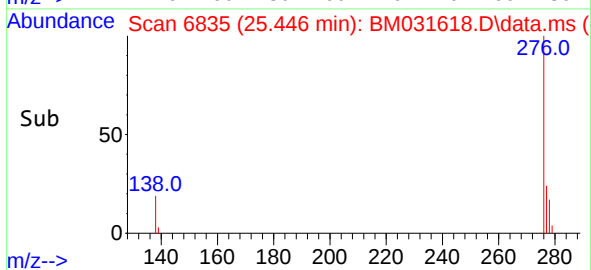
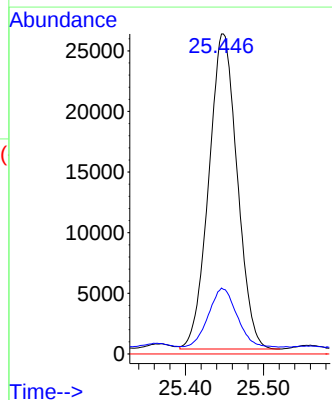
Tgt Ion:252 Resp: 80724
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 13.6 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.916 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.007 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



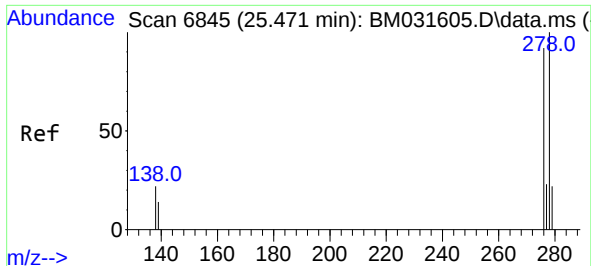
Tgt Ion:276 Resp: 65922
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0



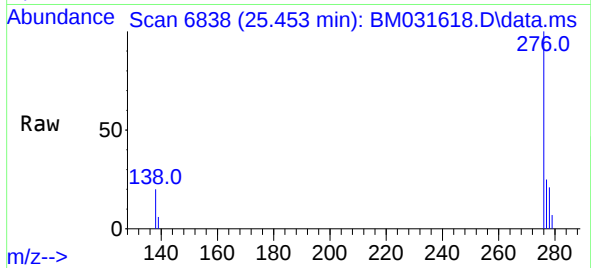
Instrument :
BNA_M
ClientSampled :
C00B2

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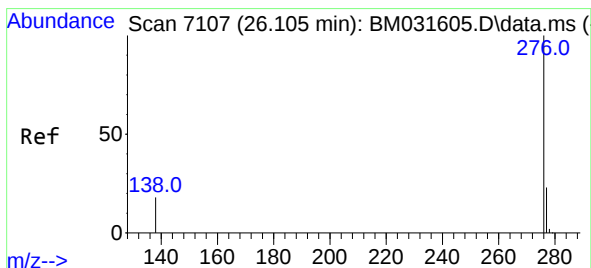
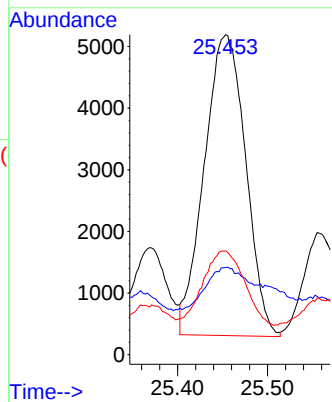
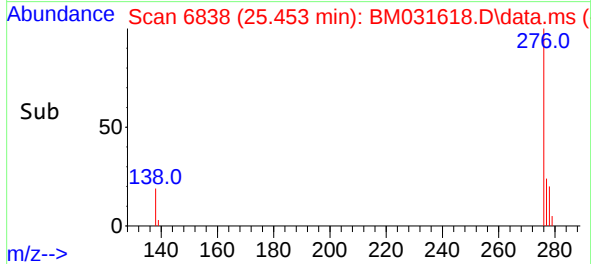
mohammad
8/10/2021 4:36:43 PM



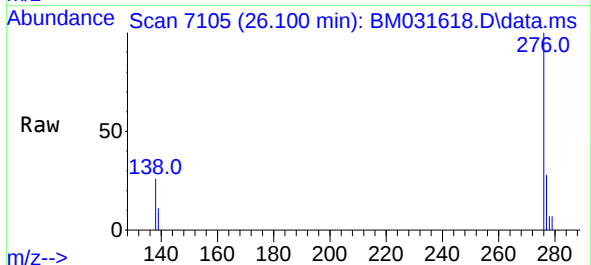
#28
Dibenzo(a,h)anthracene
Concen: 0.856 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.015 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



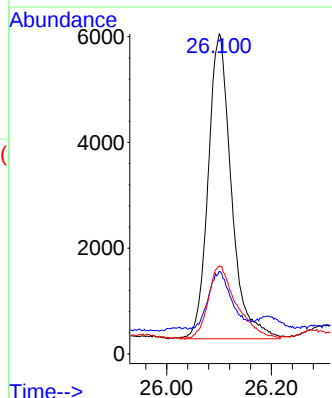
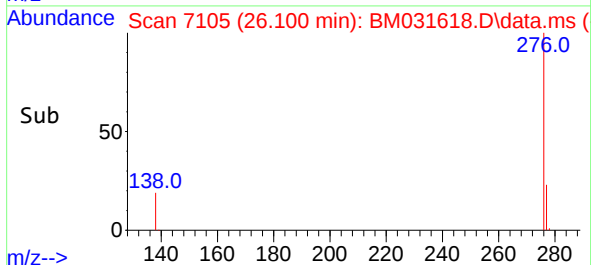
Tgt Ion: 278 Resp: 15600
Ion Ratio Lower Upper
278 100
139 27.3 13.3 19.9#
279 32.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.917 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. 0.002 min
Lab File: BM031618.D
Acq: 10 Aug 2021 00:12



Tgt Ion: 276 Resp: 17690
Ion Ratio Lower Upper
276 100
138 25.8 15.4 23.2#
277 27.5 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00B2

Manual Integrations
APPROVED

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