

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031626.D
 Acq On : 10 Aug 2021 05:41
 Operator : CG/JU
 Sample : M3169-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C1

Manual Integrations
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Quant Time: Aug 10 08:05:18 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 07:55:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5331	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.208	164	3122	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5467	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.154	240	4142	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	4220	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	4167	2.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1980	0.220	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3743	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	15194	0.957	ng/ul	98
7) 2-Methylnaphthalene	12.007	142	10705	0.987	ng/ul	99
8) 1-Methylnaphthalene	12.227	142	6443	0.601	ng/ul	99
10) Acenaphthylene	13.932	152	13219	0.994	ng/ul	98
11) Acenaphthene	14.273	153	1948	0.174	ng/ul	96
12) Fluorene	15.266	166	4151	0.322	ng/ul#	96
15) Phenanthrene	17.002	178	90600	5.219	ng/ul	97
16) Anthracene	17.093	178	18735	1.153	ng/ul	99
19) Fluoranthene	19.024	202	211244	11.944	ng/ul	97
20) Pyrene	19.386	202	171617	9.567	ng/ul	96
21) Benzo(a)anthracene	21.139	228	89981	5.380	ng/ul	97
22) Chrysene	21.190	228	99786	5.766	ng/ul	98
24) Benzo(b)fluoranthene	22.672	252	132272m	6.957	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	47073m	2.396	ng/ul	
26) Benzo(a)pyrene	23.217	252	82822m	4.974	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	61854	2.874	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.446	278	15217	0.877	ng/ul#	93
29) Benzo(g,h,i)perylene	26.095	276	16511	0.899	ng/ul#	94

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

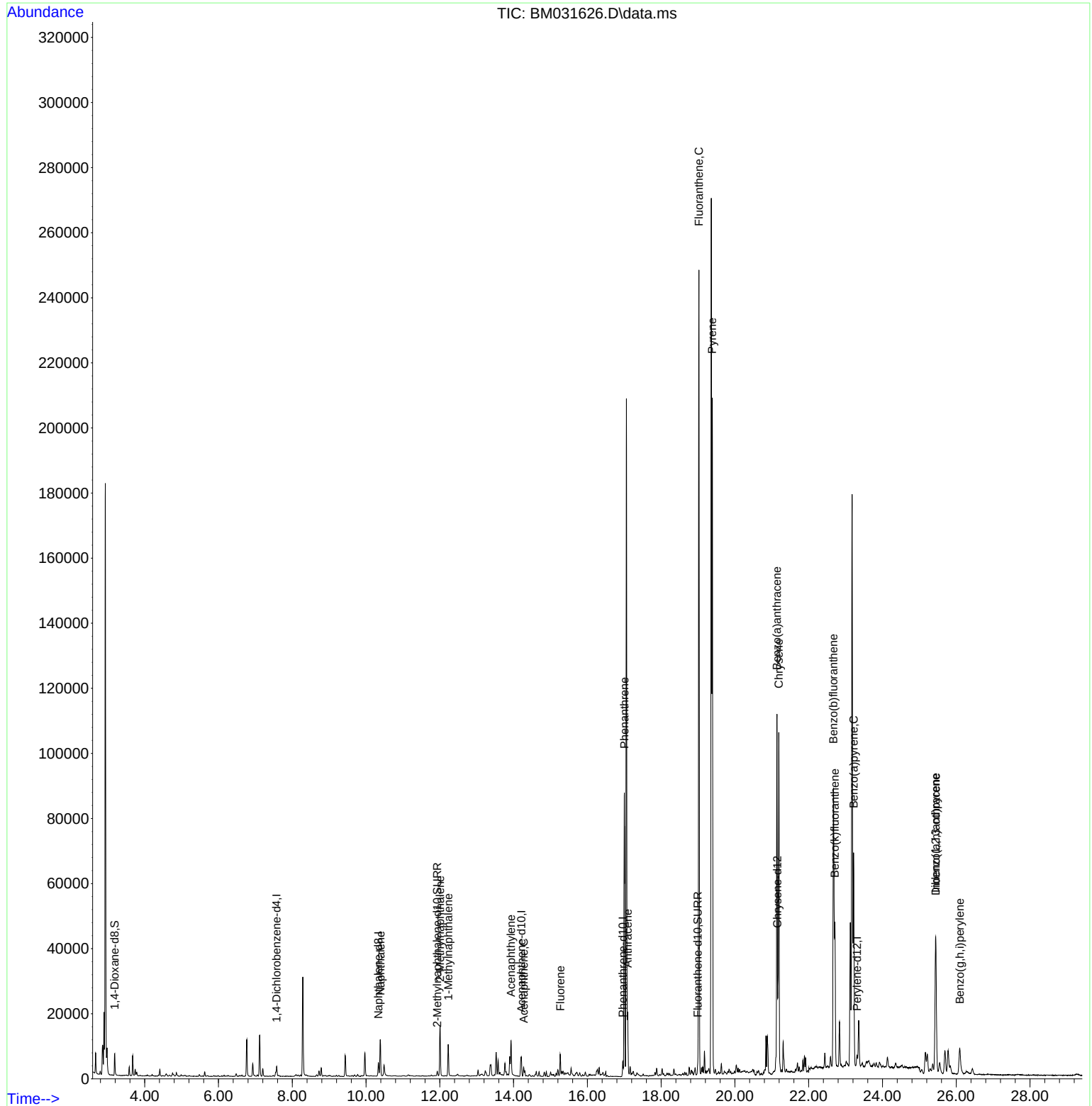
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Data File : BM031626.D
Acq On : 10 Aug 2021 05:41
Operator : CG/JU
Sample : M3169-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

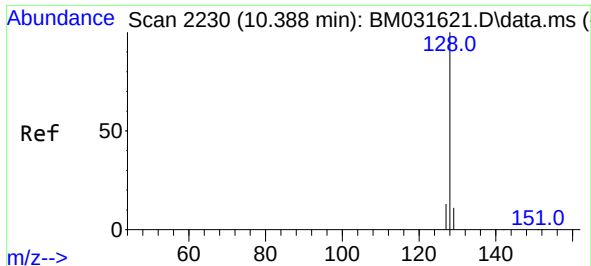
Instrument :
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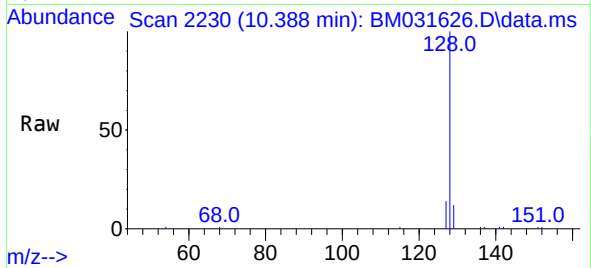
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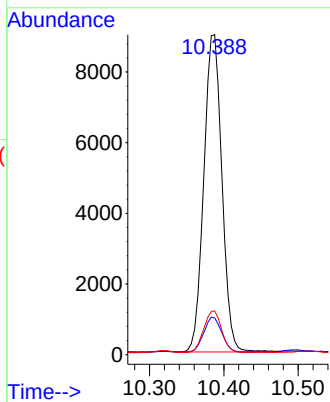
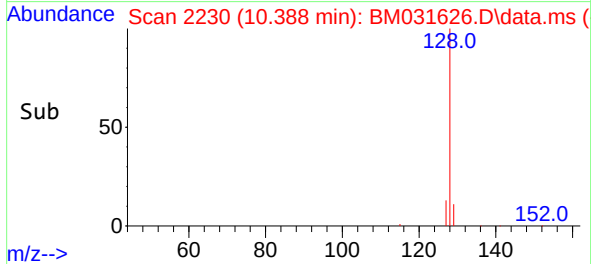


#5
Naphthalene
Concen: 0.957 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



Tgt Ion:128 Resp: 15194

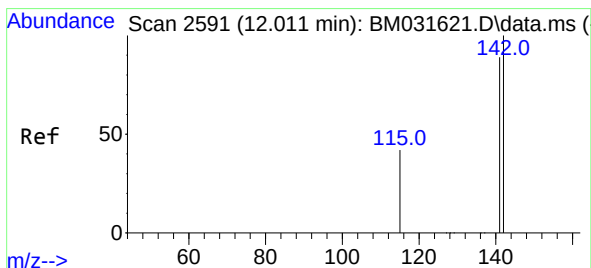
Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	13.7	11.6	17.4



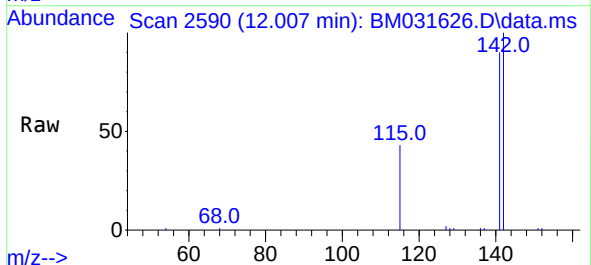
Instrument :
BNA_M
ClientSampled :
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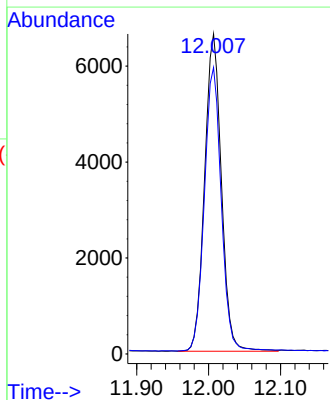
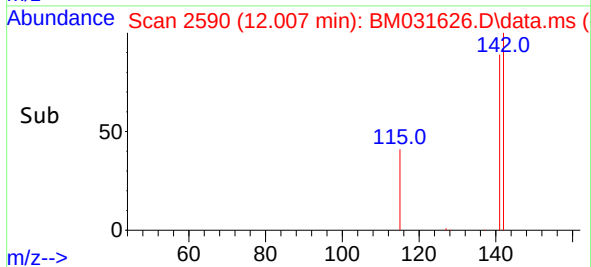


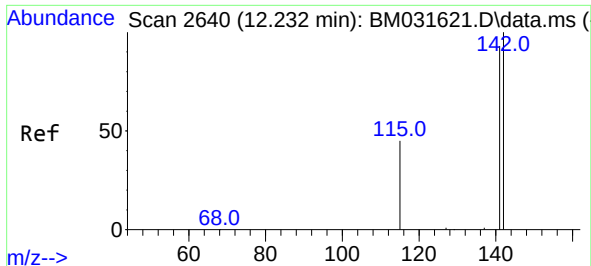
#7
2-Methylnaphthalene
Concen: 0.987 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



Tgt Ion:142 Resp: 10705

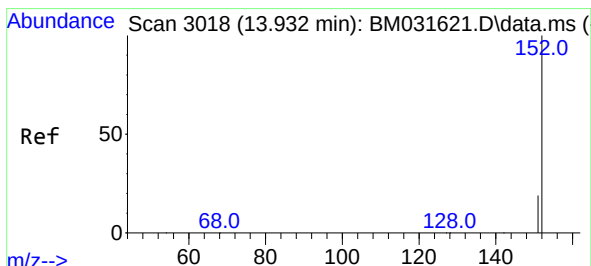
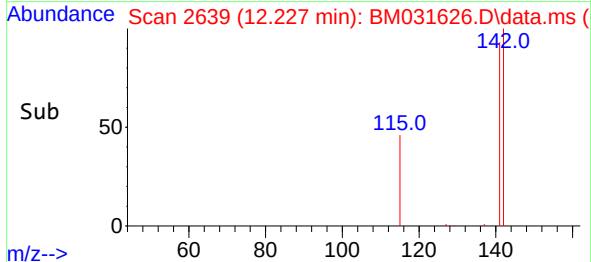
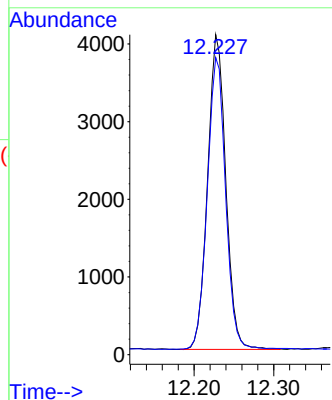
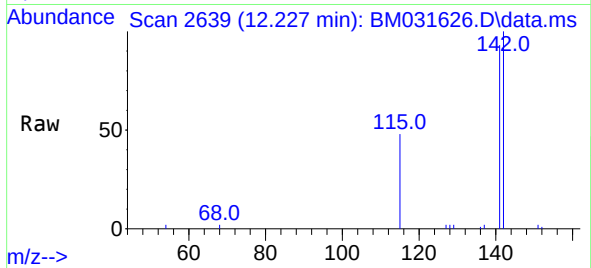
Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.0





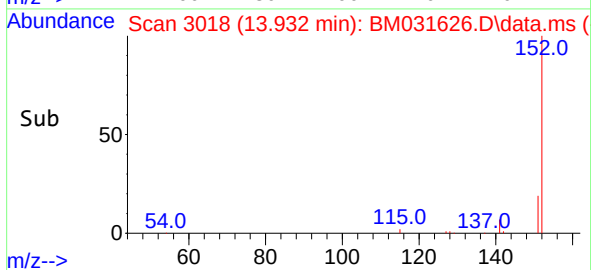
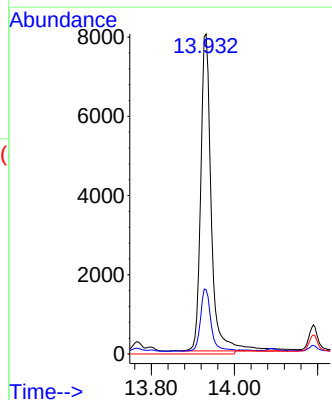
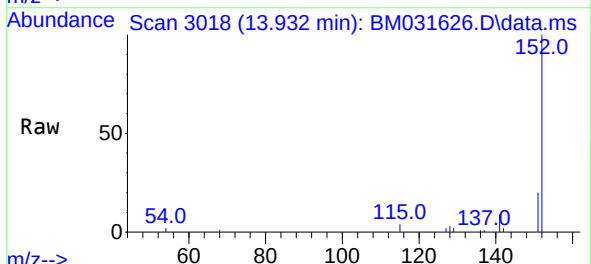
#8
1-Methylnaphthalene
Concen: 0.601 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:142 Resp: 6443
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1



#10
Acenaphthylene
Concen: 0.994 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

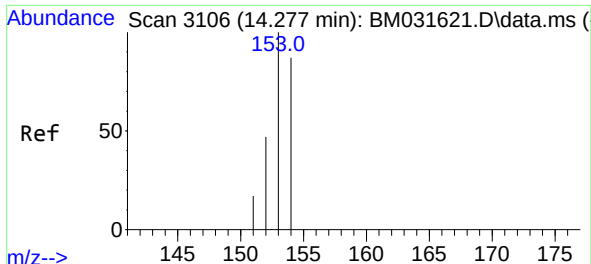
Tgt Ion:152 Resp: 13219
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 0.0 0.0 0.0



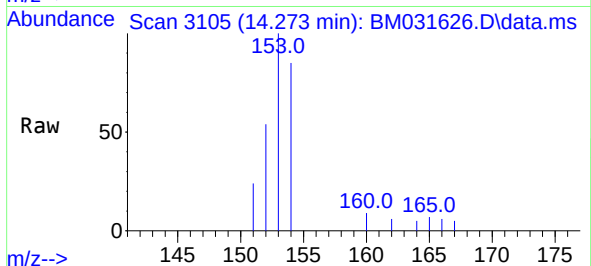
Instrument :
BNA_M
ClientSampled :
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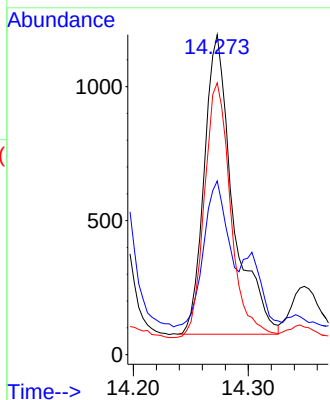
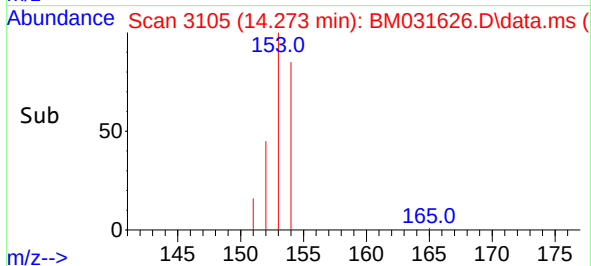


#11
Acenaphthene
Concen: 0.174 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



Tgt Ion:153 Resp: 1948

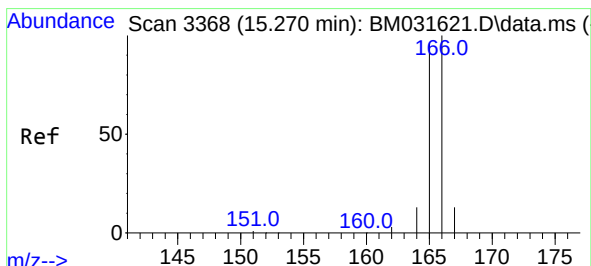
Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.7	61.1
154	84.9	70.2	105.2



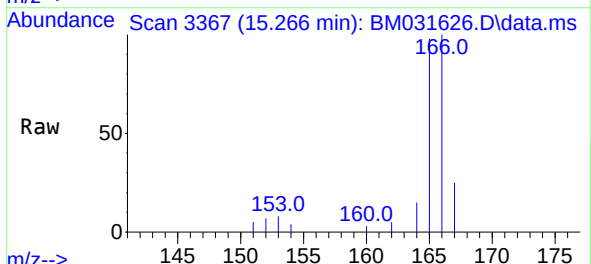
Instrument :
BNA_M
ClientSampled :
C00C1

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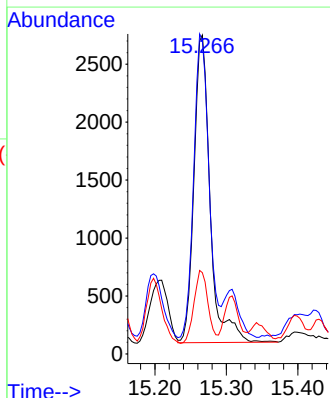
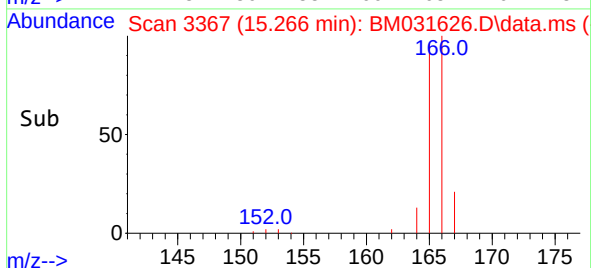


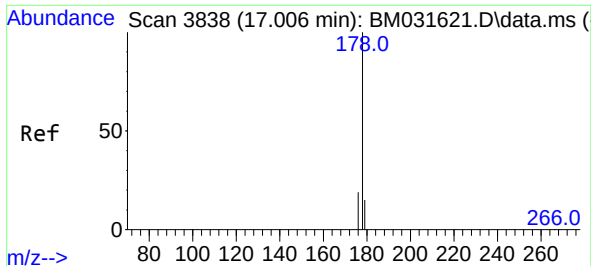
#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



Tgt Ion:166 Resp: 4151

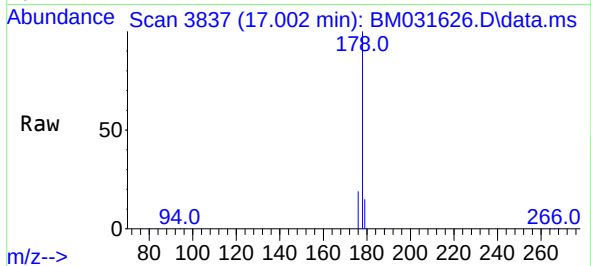
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.0	117.0
167	25.5	12.0	18.0





#15
Phenanthrene
Concen: 5.219 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

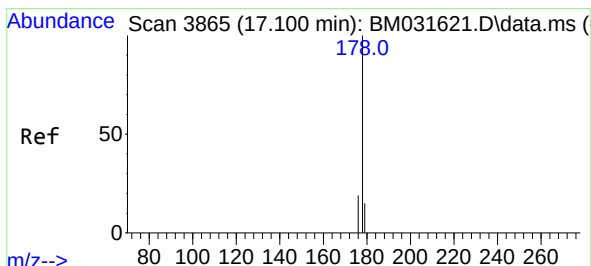
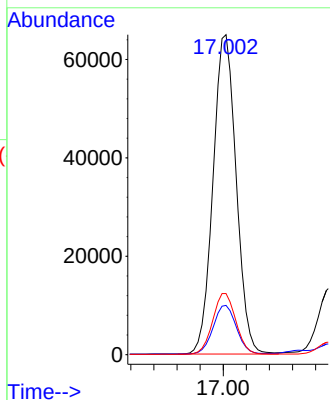
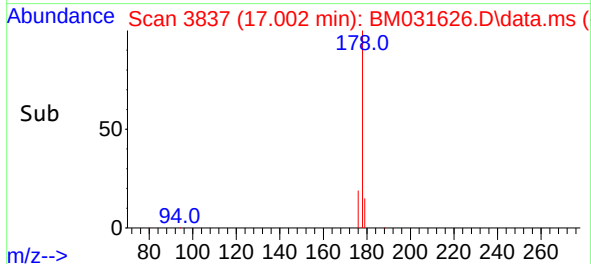
Instrument :
BNA_M
ClientSampled :
C00C1



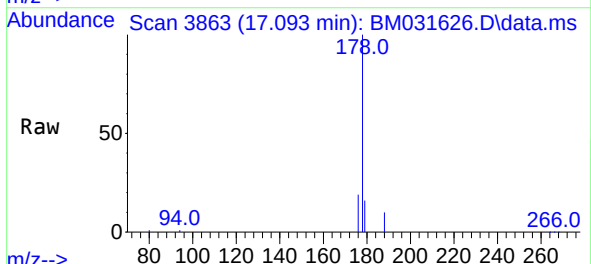
Tgt Ion:178 Resp: 90600
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.2 24.4

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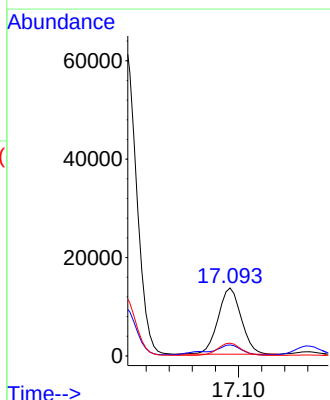
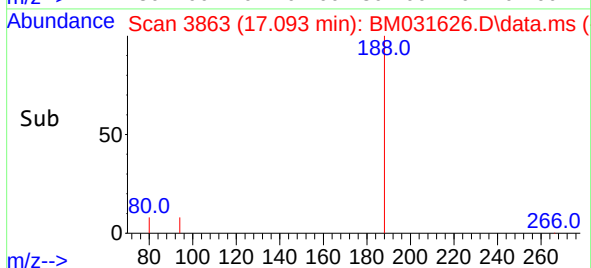
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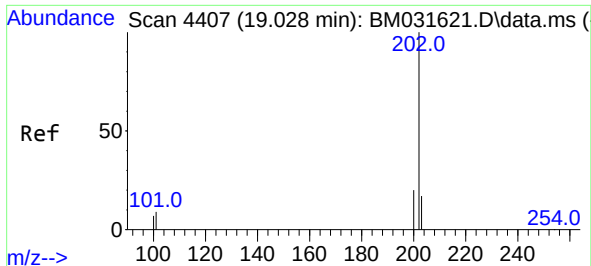


#16
Anthracene
Concen: 1.153 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.011 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



Tgt Ion:178 Resp: 18735
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 18.9 15.6 23.4





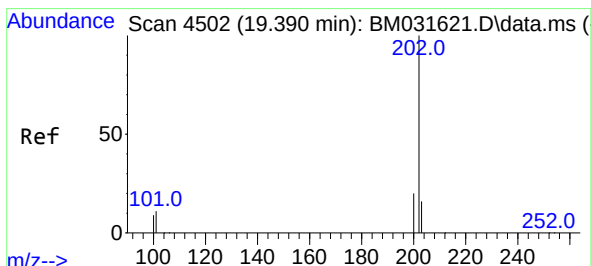
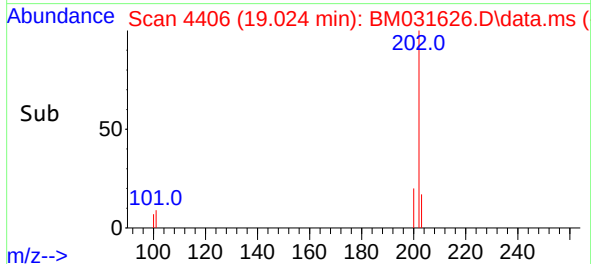
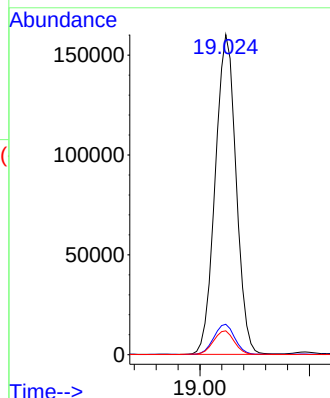
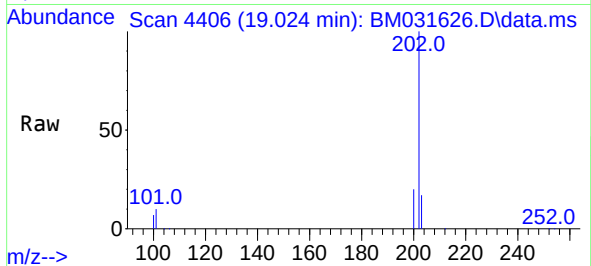
#19
Fluoranthene
Concen: 11.944 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:	202	Resp:	211244
Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.6	10.0
100	7.4	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C00C1

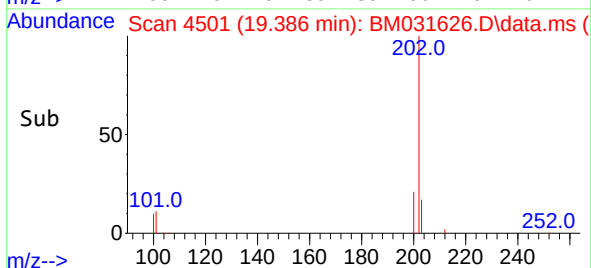
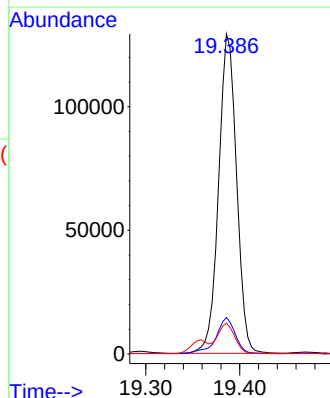
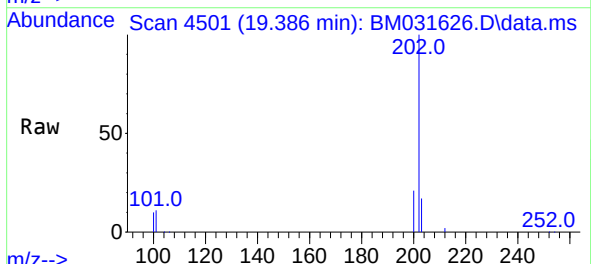
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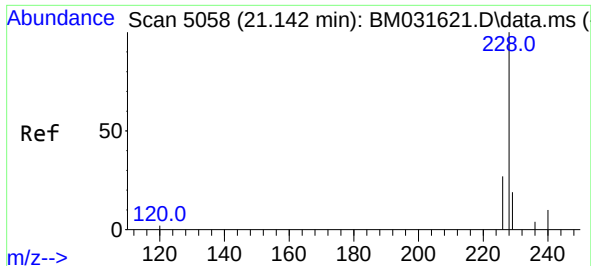
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#20
Pyrene
Concen: 9.567 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:	202	Resp:	171617
Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.8	11.6
100	9.6	6.6	10.0





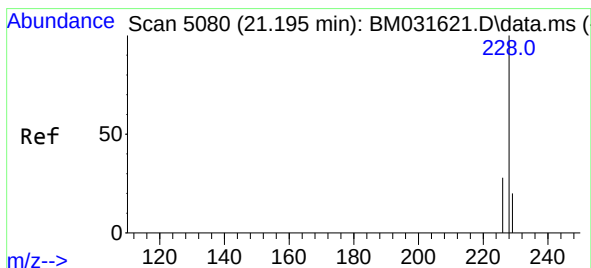
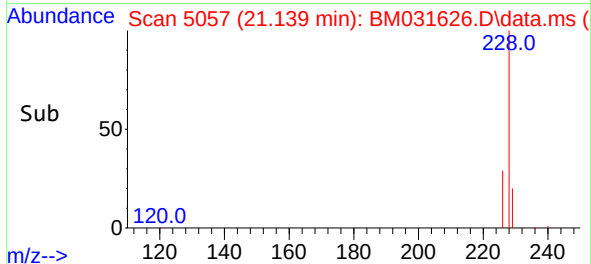
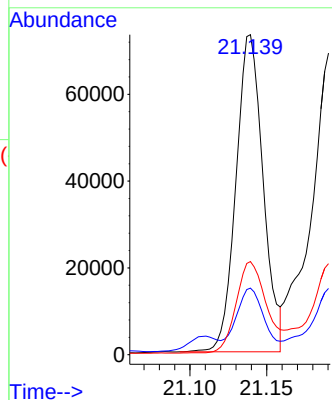
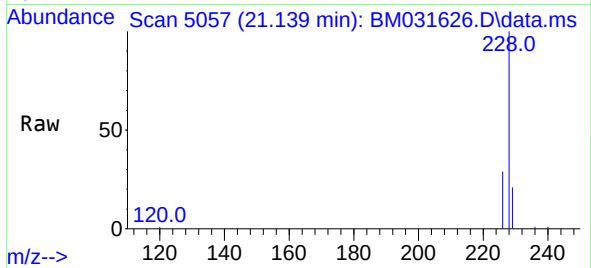
#21
Benzo(a)anthracene
Concen: 5.380 ng/u1
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:	228	Resp:	89981
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	29.1	21.7	32.5

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BNA_M
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C00C1

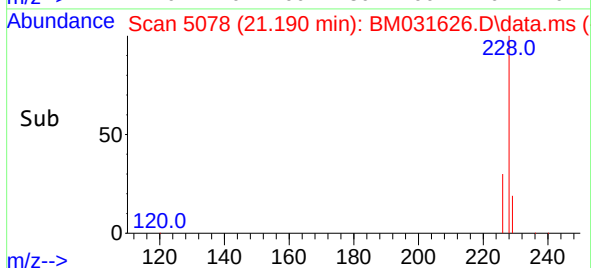
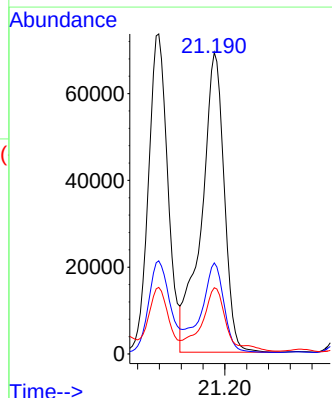
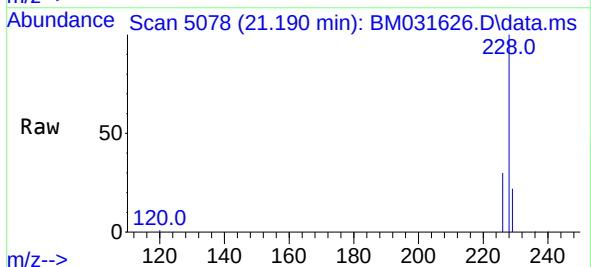
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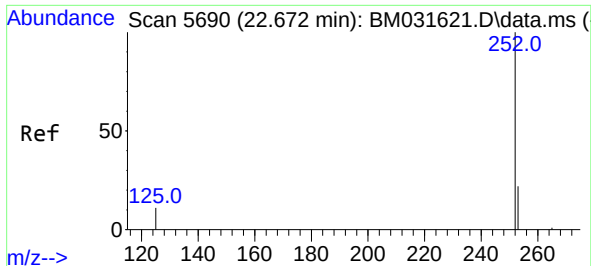
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#22
Chrysene
Concen: 5.766 ng/u1
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:	228	Resp:	99786
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	22.0	16.2	24.2





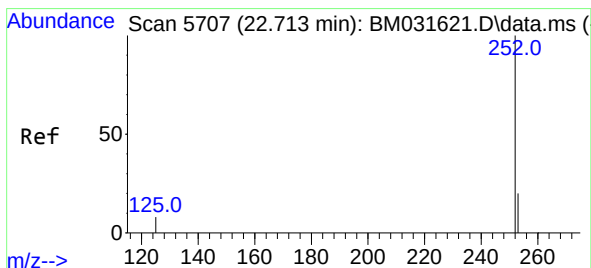
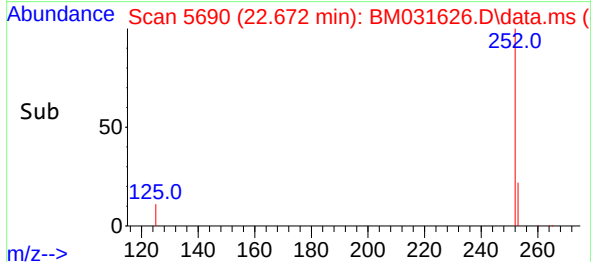
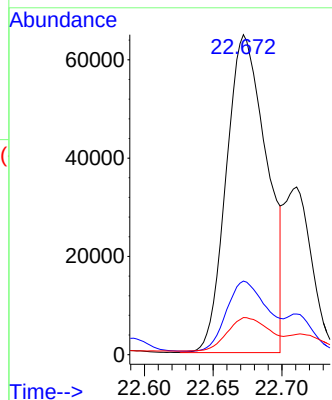
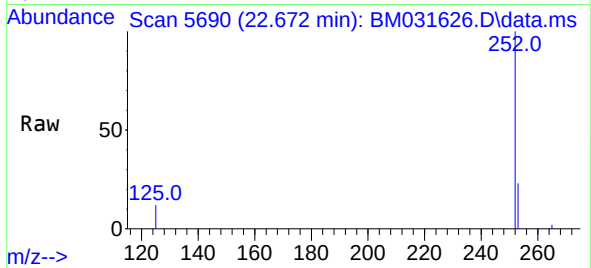
#24
Benzo(b)fluoranthene
Concen: 6.957 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:252 Resp: 132272
Ion Ratio Lower Upper
252 100
253 23.0 0.0 53.0
125 11.6 0.0 22.8

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C00C1

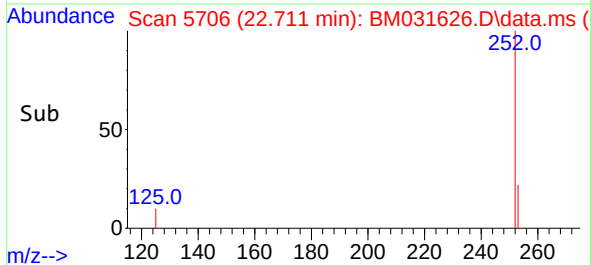
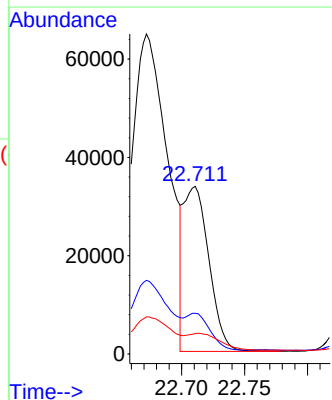
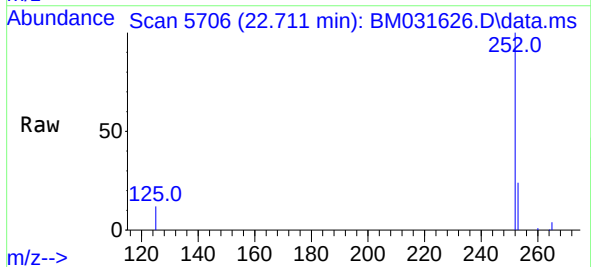
Manual Integrations
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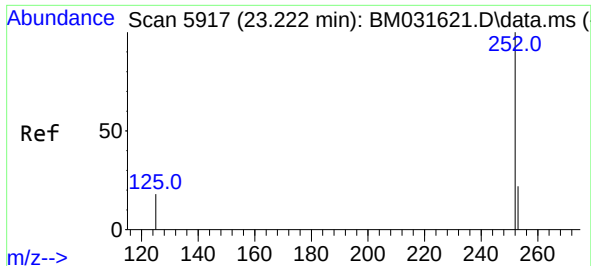
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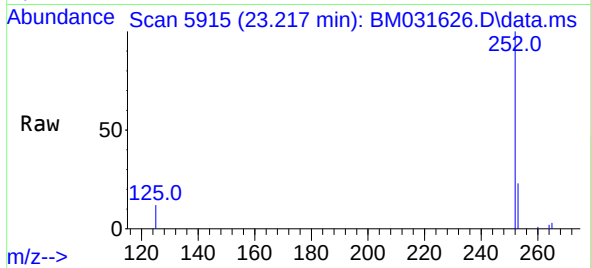
#25
Benzo(k)fluoranthene
Concen: 2.396 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:252 Resp: 47073
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 12.1 8.8 13.2

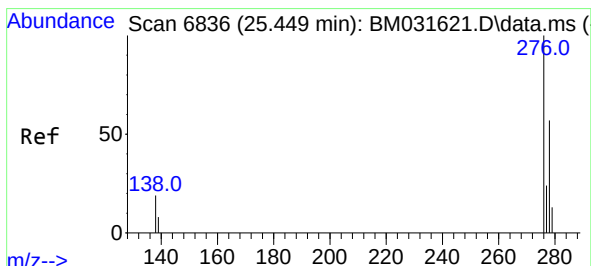
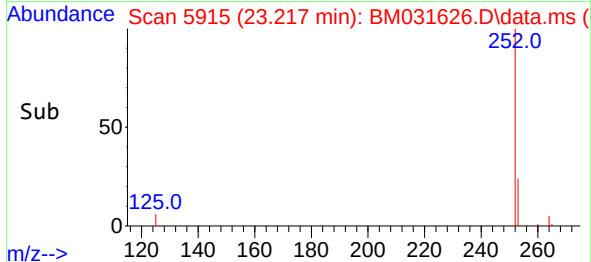
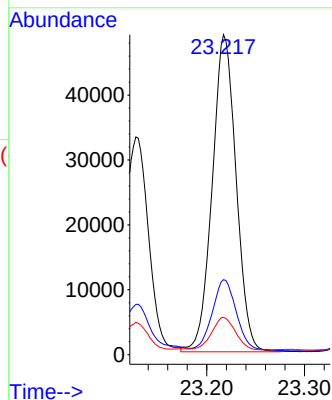




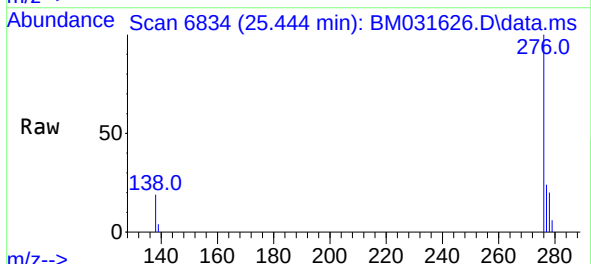
#26
Benzo(a)pyrene
Concen: 4.974 ng/ul m
RT: 23.217 min Scan# 5915
Delta R.T. -0.007 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



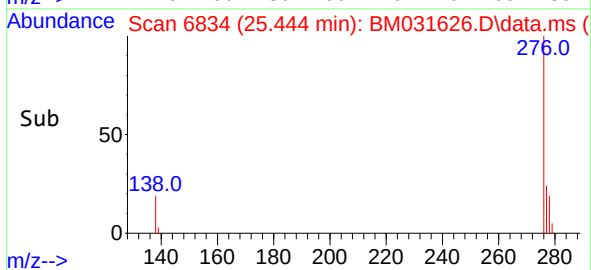
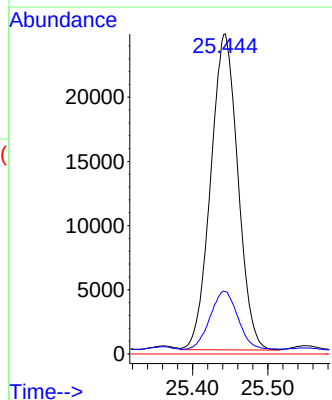
Tgt Ion:252 Resp: 82822
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 11.6 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.874 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.010 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41



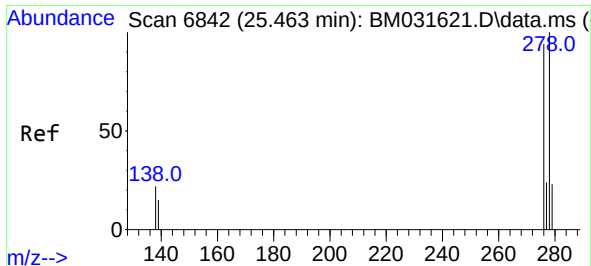
Tgt Ion:276 Resp: 61854
Ion Ratio Lower Upper
276 100
138 19.8 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00C1

Manual Integrations
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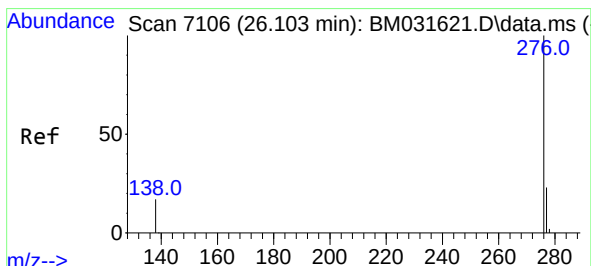
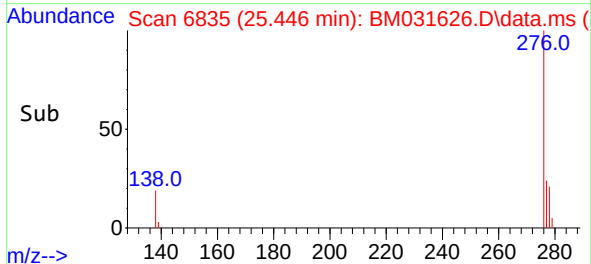
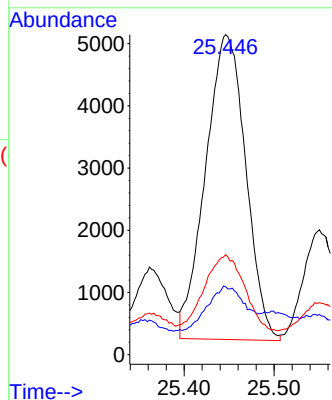
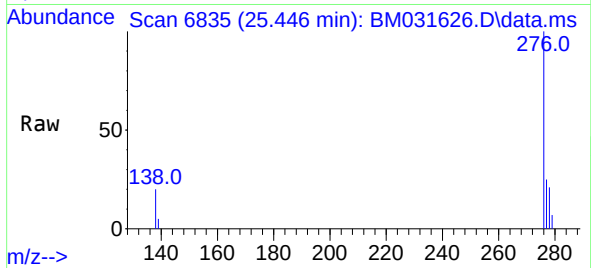
#28
Dibenzo(a,h)anthracene
Concen: 0.877 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.022 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:	278	Resp:	15217
Ion Ratio	Lower	Upper	
278	100		
139	21.2	13.3	19.9#
279	31.3	22.8	34.2

Instrument :
BNA_M
ClientSampled :
C00C1

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.899 ng/ul
RT: 26.095 min Scan# 7103
Delta R.T. -0.003 min
Lab File: BM031626.D
Acq: 10 Aug 2021 05:41

Tgt Ion:	276	Resp:	16511
Ion Ratio	Lower	Upper	
276	100		
138	23.3	15.4	23.2#
277	26.9	19.9	29.9

