

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031236.D
 Acq On : 29 Jul 2021 07:25
 Operator : CG/JU
 Sample : M3082-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0010

Manual Integrations
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Quant Time: Jul 29 07:58:57 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 : Thu Jul 29 06:56:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	6766	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.242	164	4224	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7944	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	5886	0.400	ng/ul	# 0.00
23) Perylene-d12	23.350	264	5961	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4391	2.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1749	0.153	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	3687	0.188	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	22086	1.096	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	13246	0.962	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	9290	0.683	ng/ul	99
10) Acenaphthylene	13.963	152	6329	0.352	ng/ul	98
11) Acenaphthene	14.303	153	3615	0.239	ng/ul	96
12) Fluorene	15.300	166	6532	0.375	ng/ul#	91
15) Phenanthrene	17.034	178	117754	4.668	ng/ul	97
16) Anthracene	17.124	178	24194	1.024	ng/ul	99
19) Fluoranthene	19.054	202	153000	6.087	ng/ul	97
20) Pyrene	19.416	202	113667	4.459	ng/ul	97
21) Benzo(a)anthracene	21.166	228	64998	2.735	ng/ul	95
22) Chrysene	21.217	228	77088	3.135	ng/ul	96
24) Benzo(b)fluoranthene	22.706	252	87296m	3.250	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	28755m	1.036	ng/ul	
26) Benzo(a)pyrene	23.256	252	40031	1.702	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.494	276	32478	1.068	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.507	278	10538	0.430	ng/ul#	81
29) Benzo(g,h,i)perylene	26.149	276	2817	0.109	ng/ul#	54

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

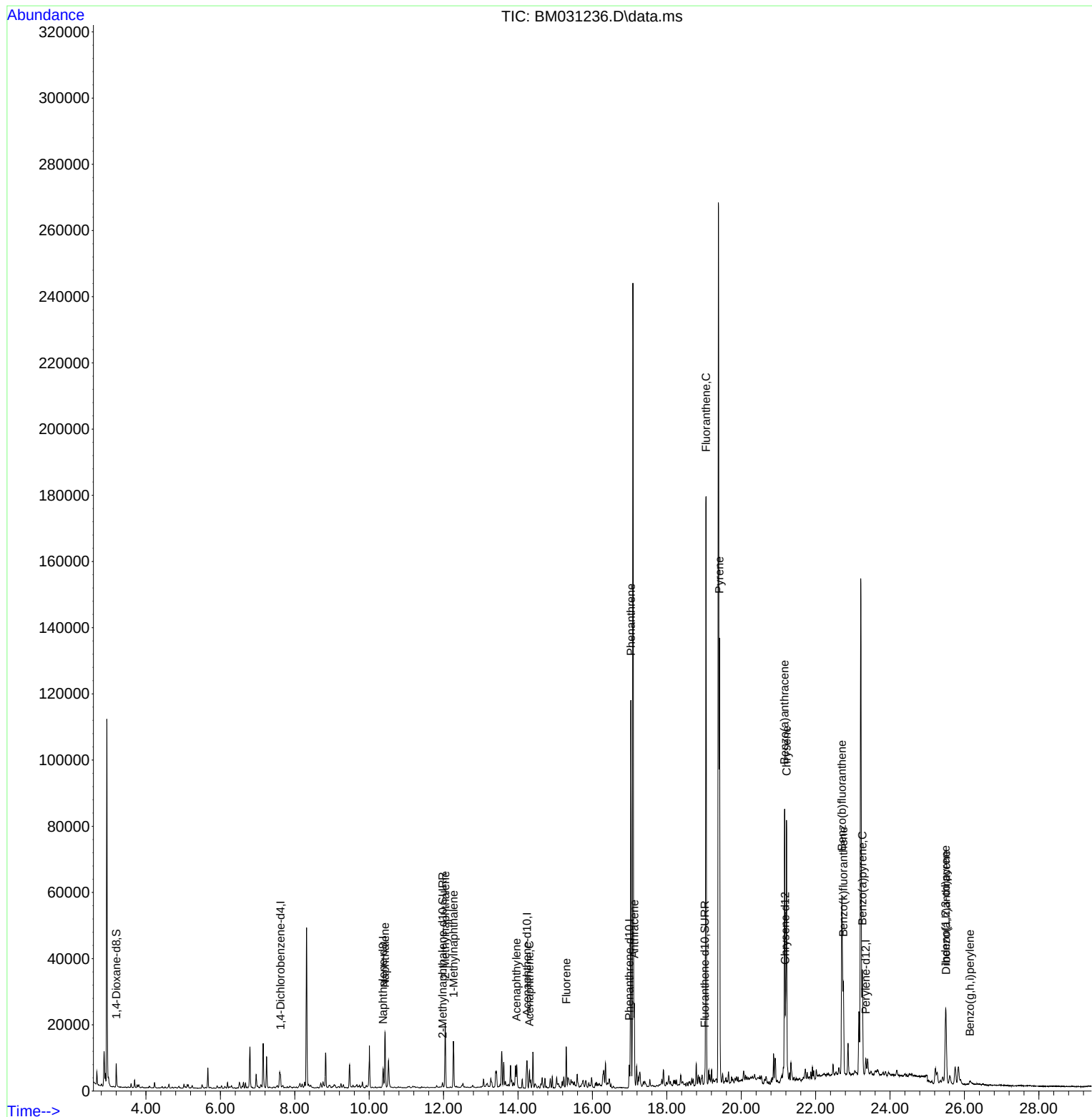
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Data File : BM031236.D
Acq On : 29 Jul 2021 07:25
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

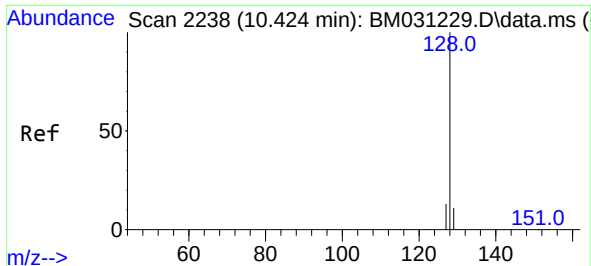
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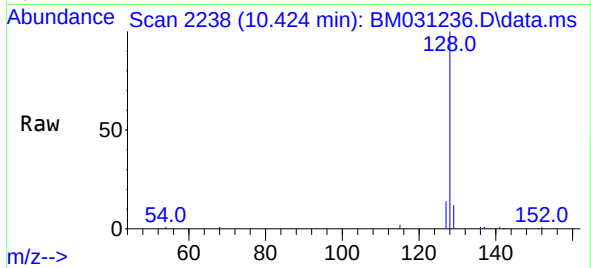
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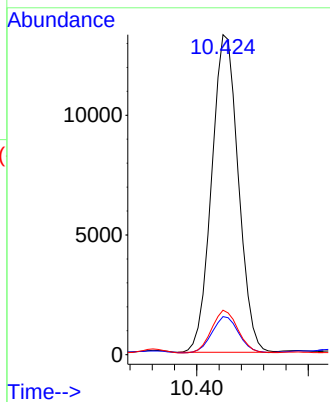
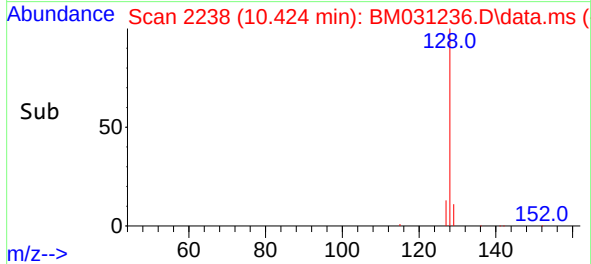


#5
Naphthalene
Concen: 1.096 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



Tgt Ion:128 Resp: 22086

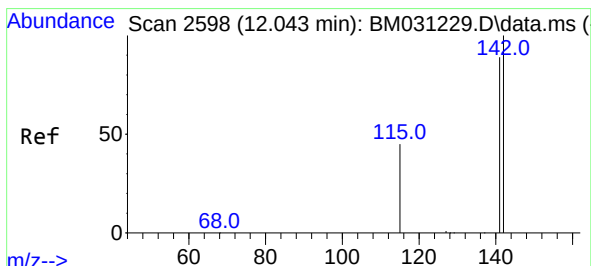
Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	13.9	11.6	17.4



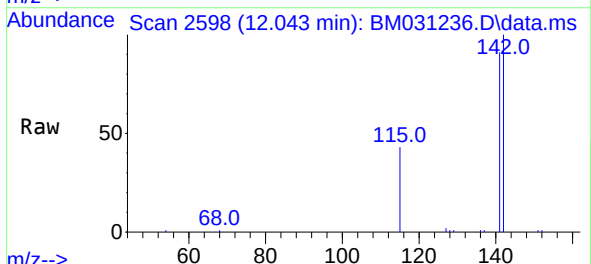
Instrument :
BNA_M
ClientSampled :
C0010

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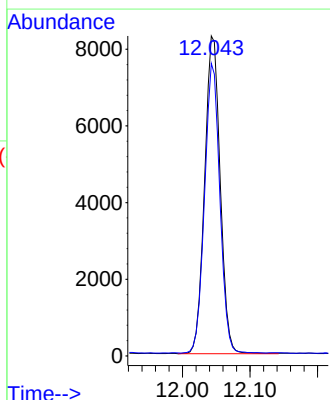
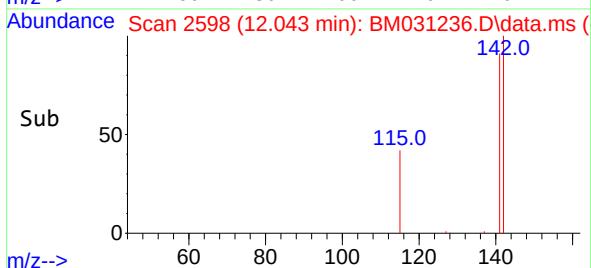


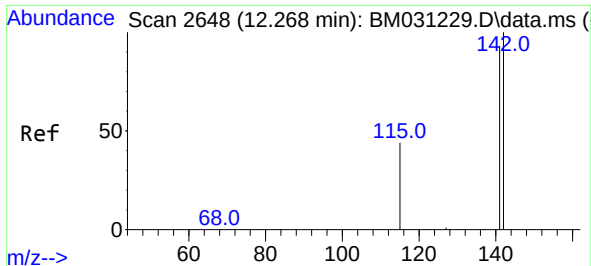
#7
2-Methylnaphthalene
Concen: 0.962 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



Tgt Ion:142 Resp: 13246

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0





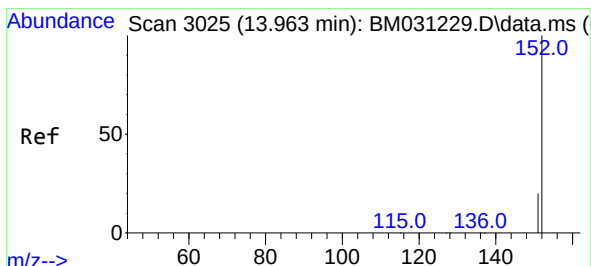
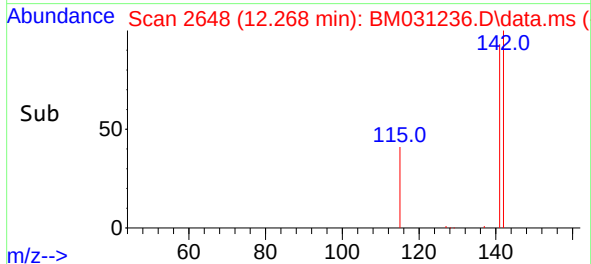
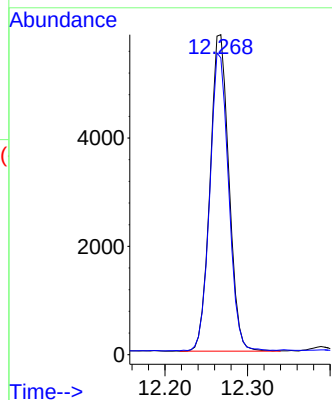
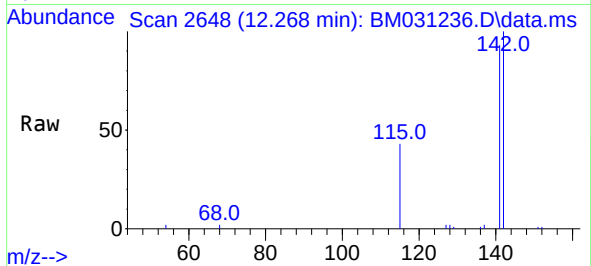
#8
1-Methylnaphthalene
Concen: 0.683 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:142 Resp: 9290
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

Instrument :
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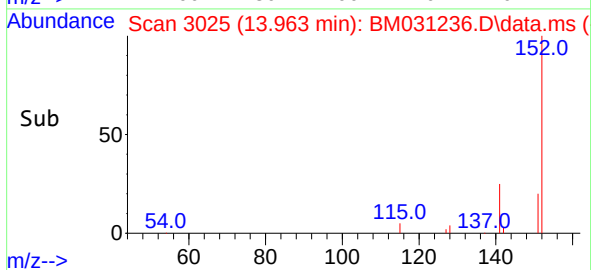
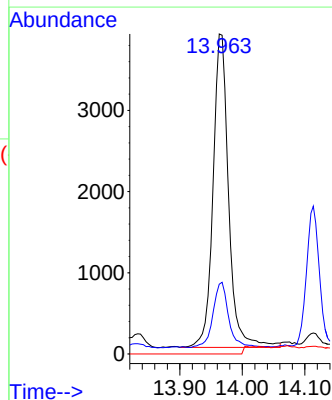
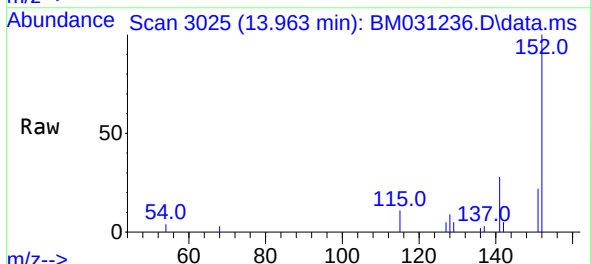
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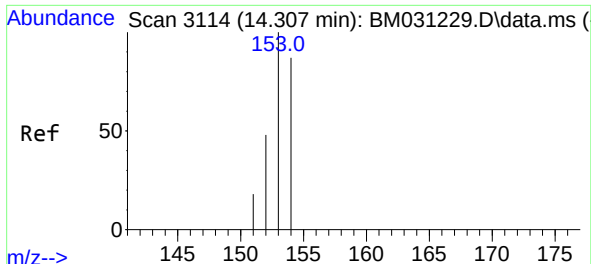
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#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

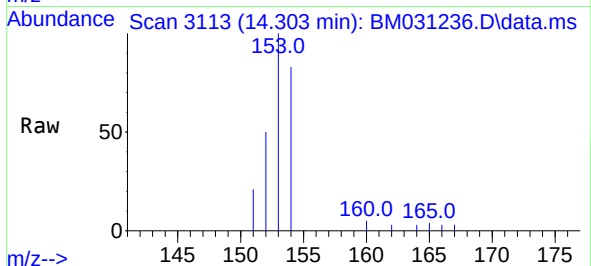
Tgt Ion:152 Resp: 6329
Ion Ratio Lower Upper
152 100
151 21.8 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

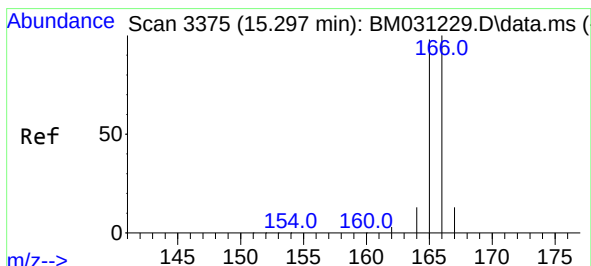
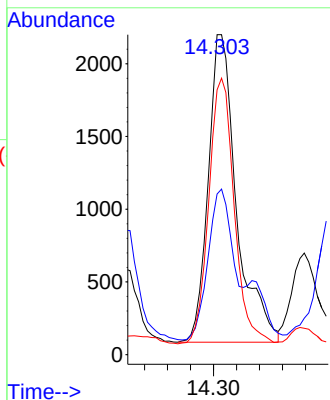
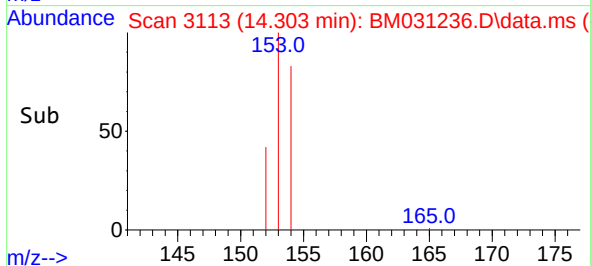
Instrument :
BNA_M
ClientSampled :
C0010



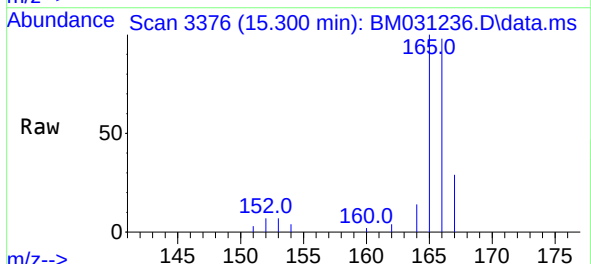
Tgt Ion:153 Resp: 3615
Ion Ratio Lower Upper
153 100
152 50.2 40.7 61.1
154 82.8 70.2 105.2

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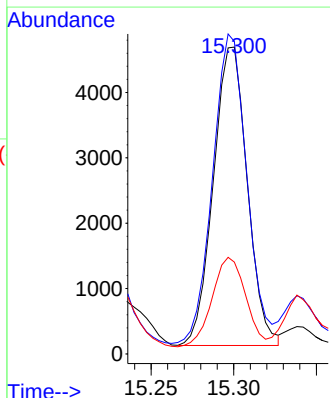
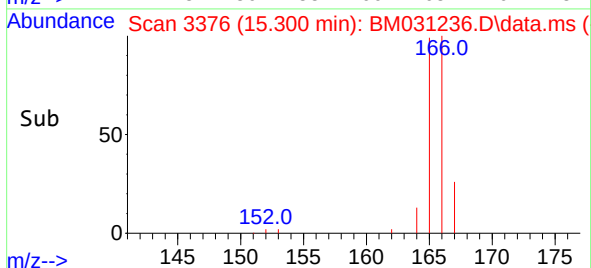
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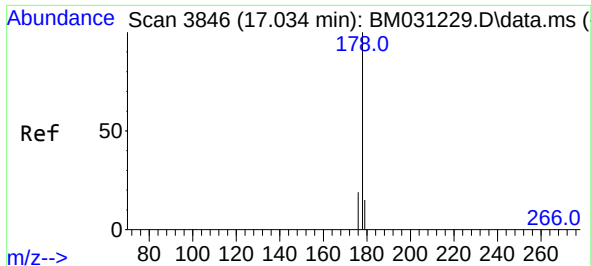


#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.300 min Scan# 3376
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



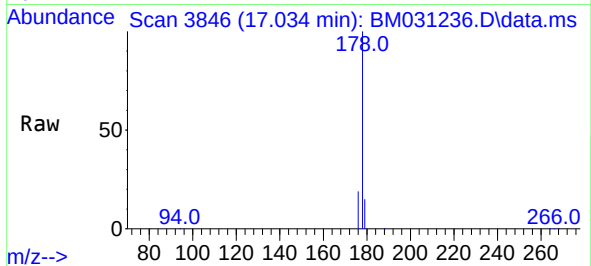
Tgt Ion:166 Resp: 6532
Ion Ratio Lower Upper
166 100
165 101.8 78.0 117.0
167 30.0 12.0 18.0#





#15
Phenanthrene
Concen: 4.668 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

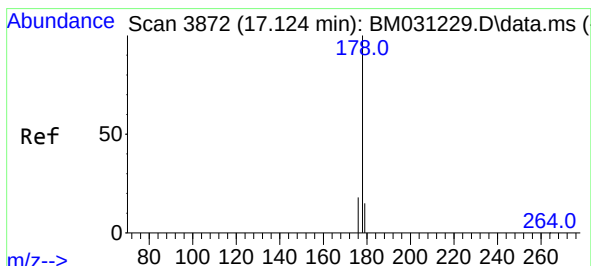
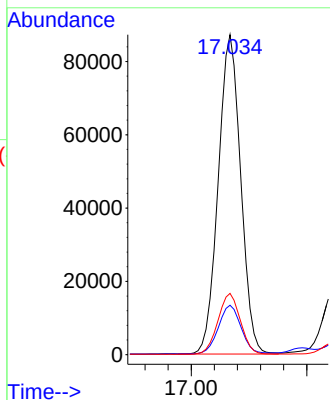
Instrument :
BNA_M
ClientSampled :
C0010



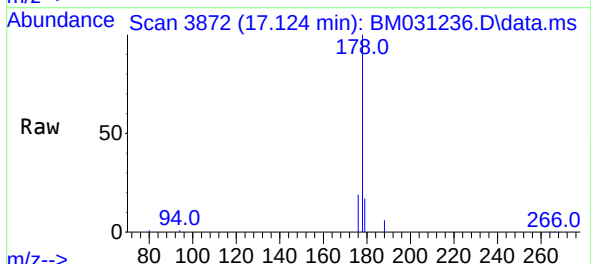
Tgt Ion:178 Resp: 117754
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 16.2 24.4

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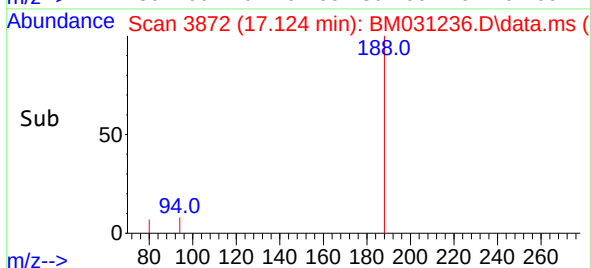
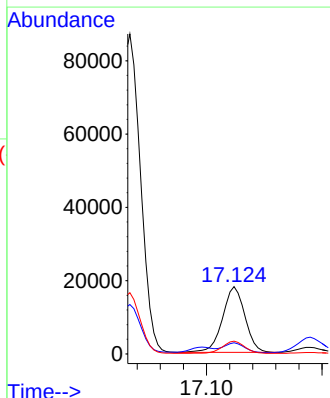
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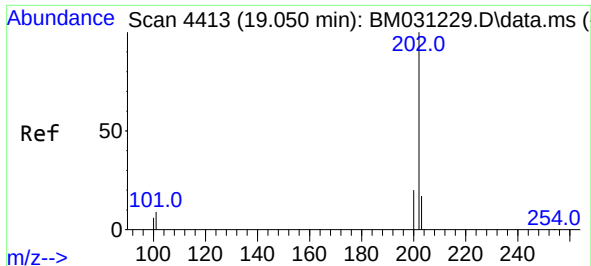


#16
Anthracene
Concen: 1.024 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



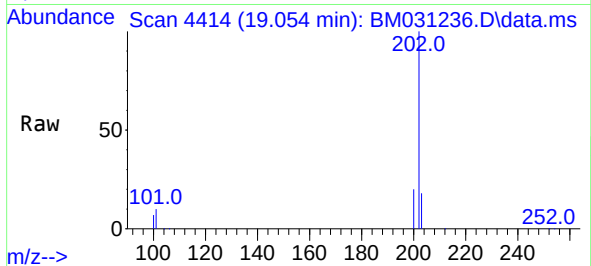
Tgt Ion:178 Resp: 24194
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.1 15.6 23.4





#19
Fluoranthene
Concen: 6.087 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

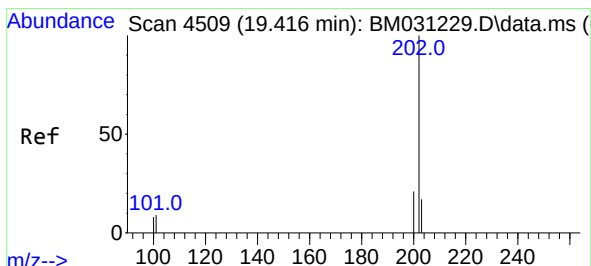
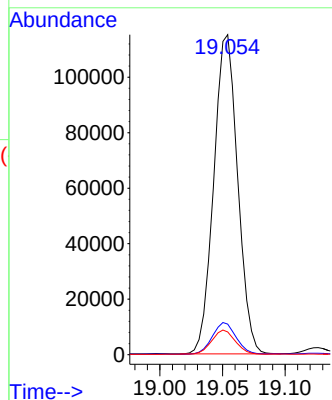
Instrument :
BNA_M
ClientSampled :
C0010



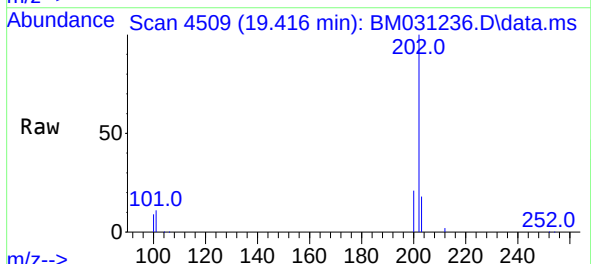
Tgt Ion:202 Resp: 153000
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.1 5.4 8.0

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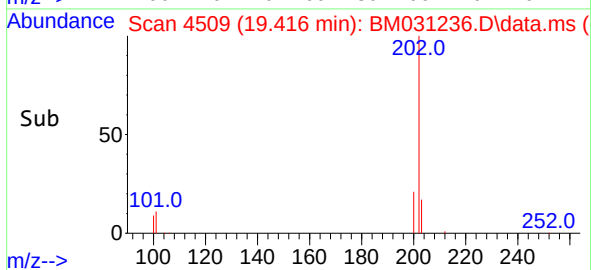
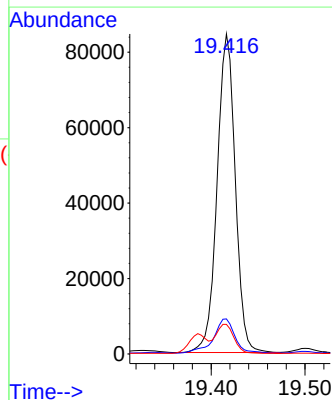
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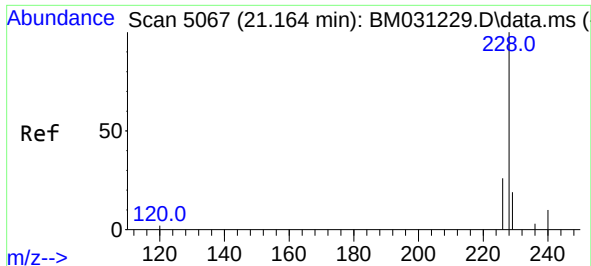


#20
Pyrene
Concen: 4.459 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



Tgt Ion:202 Resp: 113667
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.3 6.6 10.0





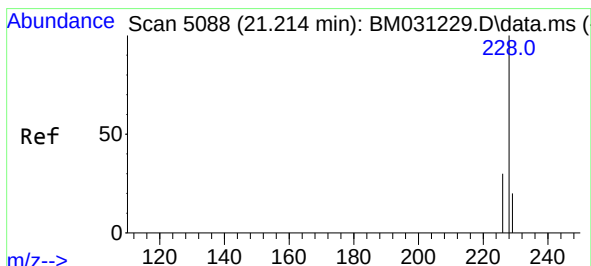
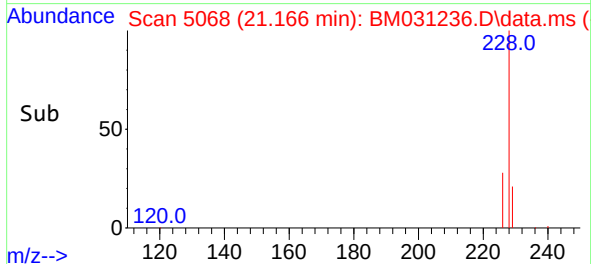
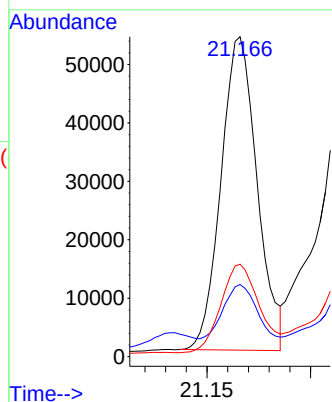
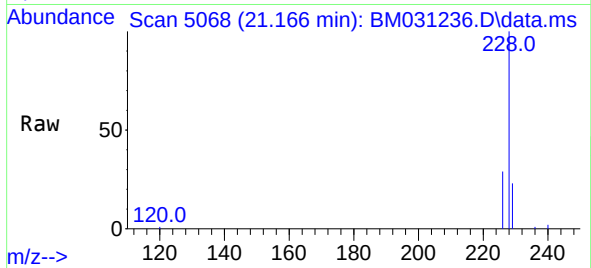
#21
Benzo(a)anthracene
Concen: 2.735 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:228	Resp:	64998
Ion Ratio	Lower	Upper
228	100	
229	22.6	15.6 23.4
226	28.9	21.7 32.5

Instrument :
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ClientSampled :
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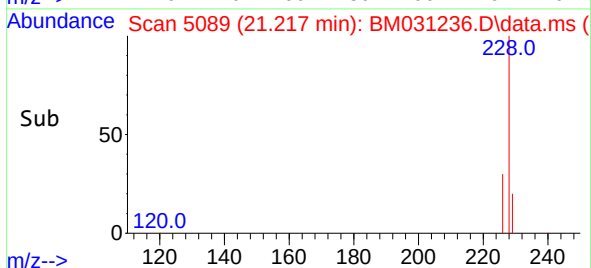
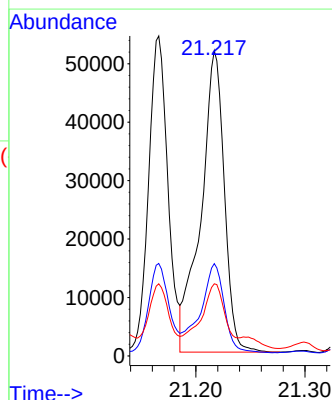
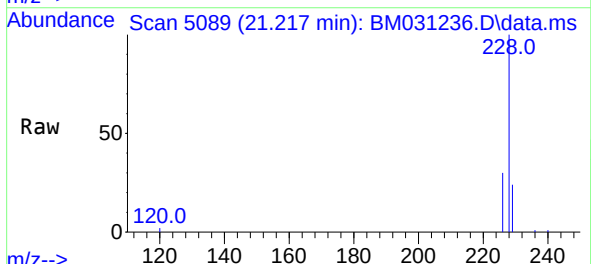
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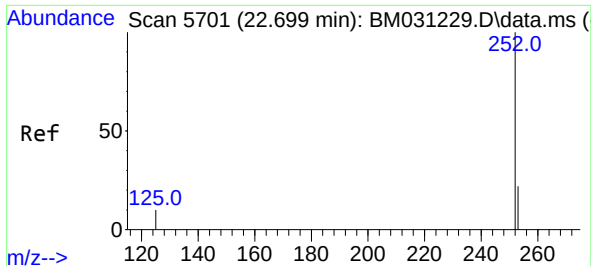
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#22
Chrysene
Concen: 3.135 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:228	Resp:	77088
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.7 37.1
229	23.6	16.2 24.2





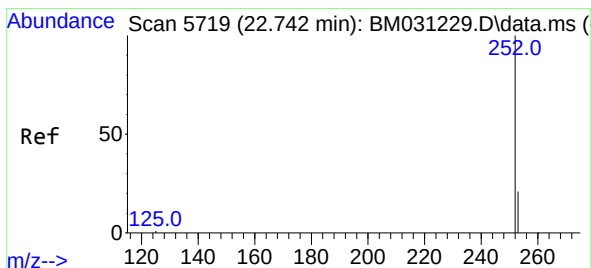
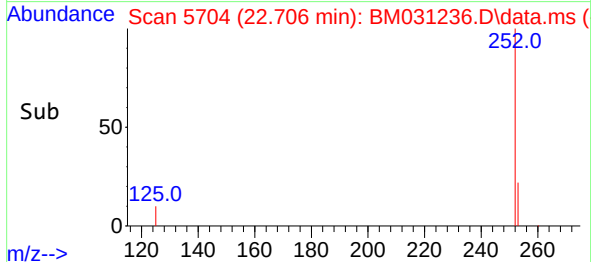
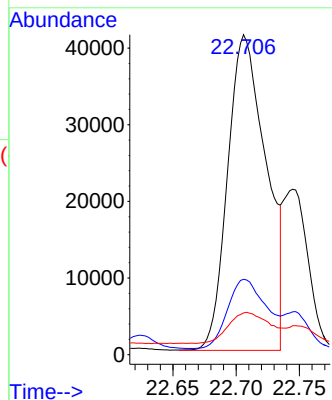
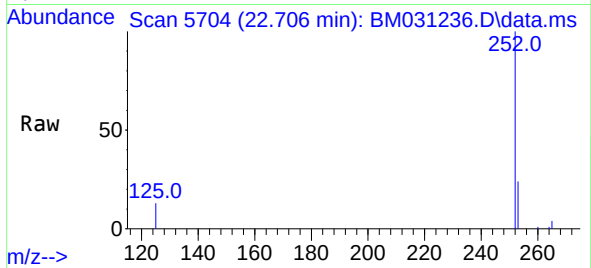
#24
Benzo(b)fluoranthene
Concen: 3.250 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:	252	Resp:	87296
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	53.0
125	13.1	0.0	22.8

Instrument :
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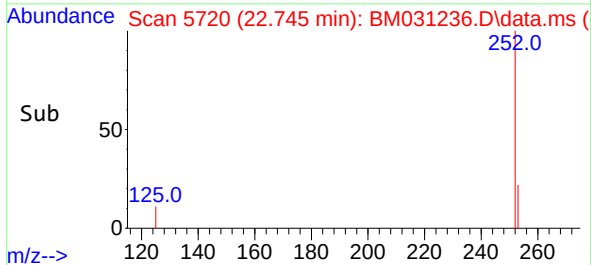
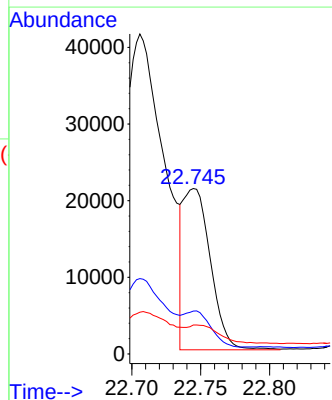
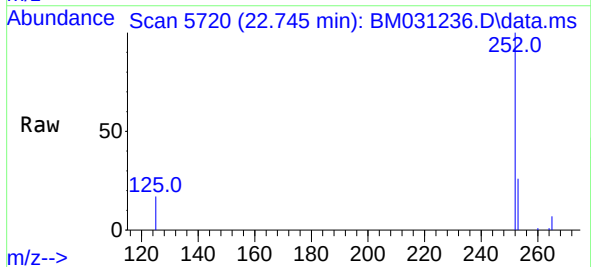
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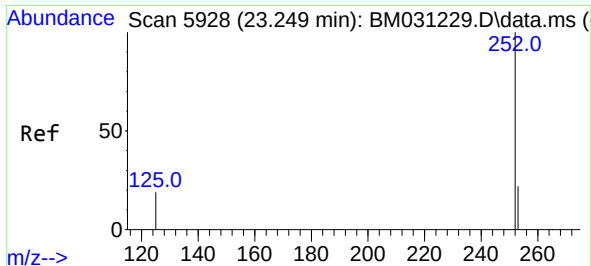
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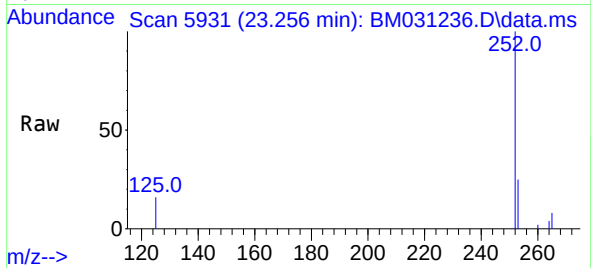
#25
Benzo(k)fluoranthene
Concen: 1.036 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.003 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:	252	Resp:	28755
Ion Ratio	Lower	Upper	
252	100		
253	25.9	21.3	31.9
125	17.5	8.8	13.2#

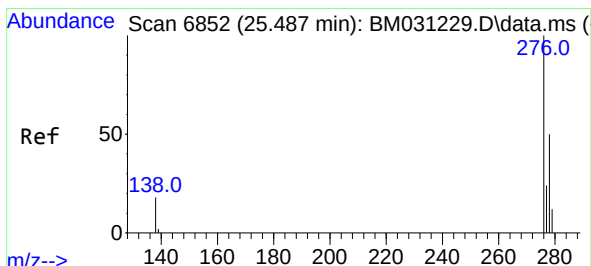
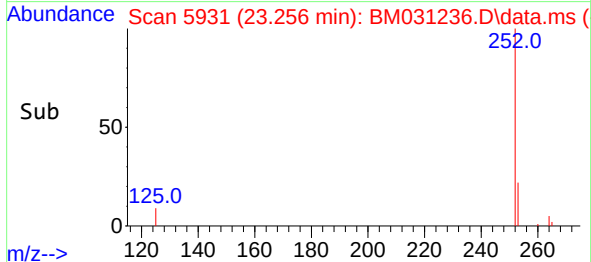
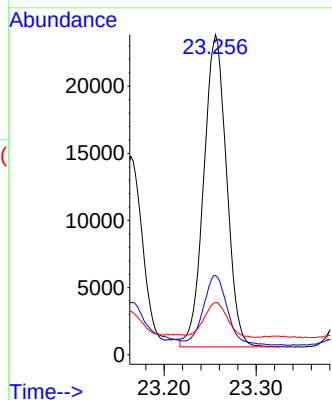




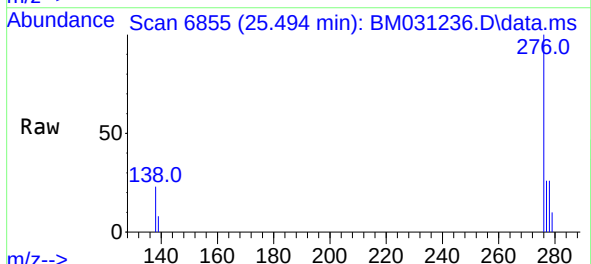
#26
Benzo(a)pyrene
Concen: 1.702 ng/ul
RT: 23.256 min Scan# 5931
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



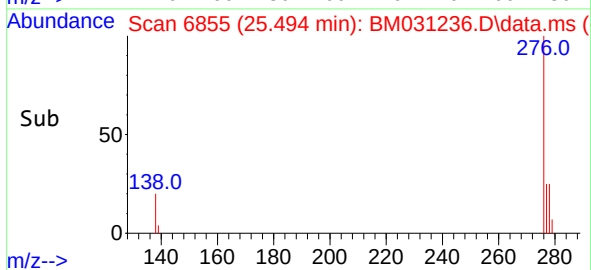
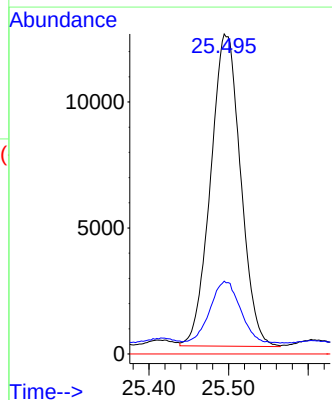
Tgt Ion:252 Resp: 40031
Ion Ratio Lower Upper
252 100
253 24.7 22.4 33.6
125 16.3 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.068 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.003 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25



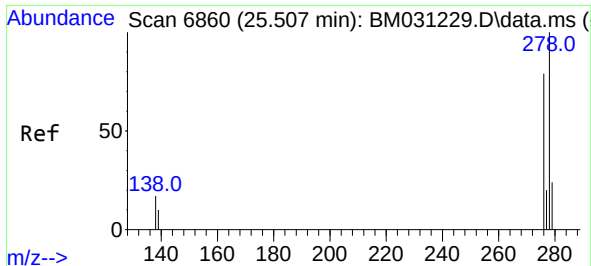
Tgt Ion:276 Resp: 32478
Ion Ratio Lower Upper
276 100
138 20.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0010

Manual Integrations
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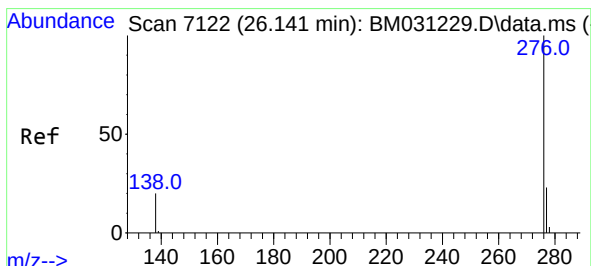
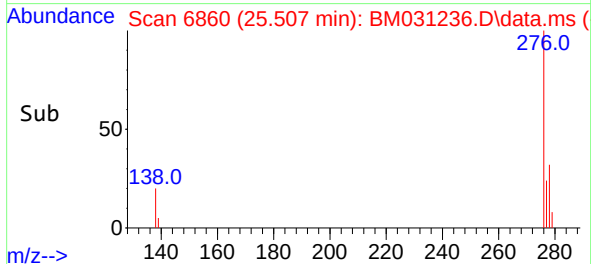
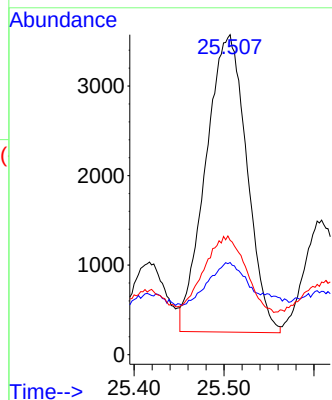
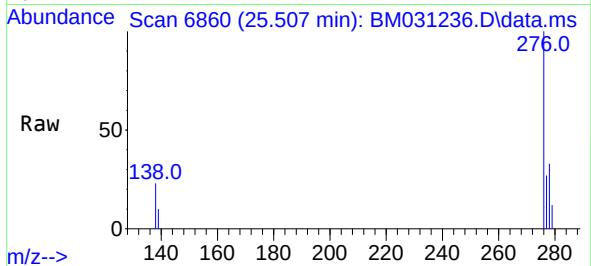
#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 25.507 min Scan# 6860
Delta R.T. -0.007 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:278 Resp: 10538
Ion Ratio Lower Upper
278 100
139 28.8 13.3 19.9#
279 35.7 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0010

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. -0.000 min
Lab File: BM031236.D
Acq: 29 Jul 2021 07:25

Tgt Ion:276 Resp: 2817
Ion Ratio Lower Upper
276 100
138 46.5 15.4 23.2#
277 42.5 19.9 29.9#

