

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031628.D
 Acq On : 10 Aug 2021 06:54
 Operator : CG/JU
 Sample : M3169-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B9

Manual Integrations
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Quant Time: Aug 10 08:56:30 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	1577	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5632	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	3344	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5699	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.154	240	4301	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4450	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	3764	2.149	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1647	0.174	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3160	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	23304	1.389	ng/ul	98
7) 2-Methylnaphthalene	12.007	142	14648	1.278	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	9025	0.797	ng/ul	99
10) Acenaphthylene	13.932	152	17349	1.218	ng/ul	99
11) Acenaphthene	14.273	153	2145	0.179	ng/ul	98
12) Fluorene	15.263	166	6112	0.443	ng/ul#	91
15) Phenanthrene	16.999	178	114676	6.337	ng/ul	97
16) Anthracene	17.093	178	24124	1.424	ng/ul	99
19) Fluoranthene	19.024	202	224524	12.225	ng/ul	98
20) Pyrene	19.386	202	176757	9.489	ng/ul	96
21) Benzo(a)anthracene	21.140	228	98738	5.685	ng/ul	95
22) Chrysene	21.190	228	108802	6.055	ng/ul	97
24) Benzo(b)fluoranthene	22.675	252	143949m	7.180	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	41199m	1.989	ng/ul	
26) Benzo(a)pyrene	23.217	252	82706	4.710	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.441	276	63505	2.798	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.449	278	16902	0.924	ng/ul#	91
29) Benzo(g,h,i)perylene	26.096	276	11545	0.596	ng/ul#	89

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

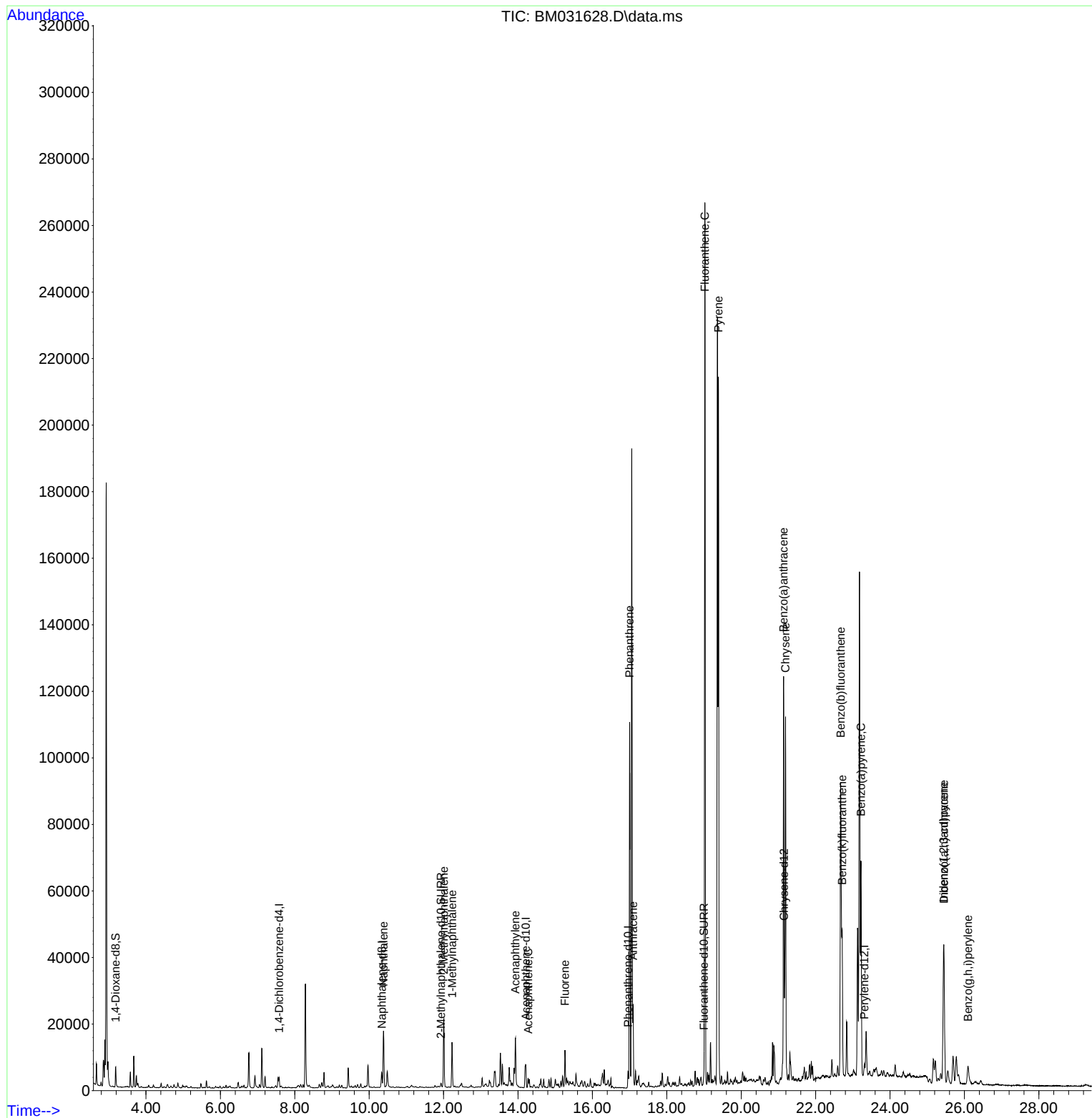
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031628.D
Acq On : 10 Aug 2021 06:54
Operator : CG/JU
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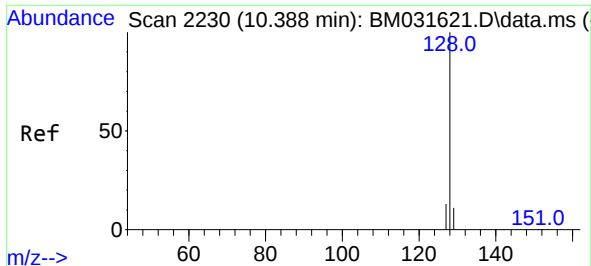
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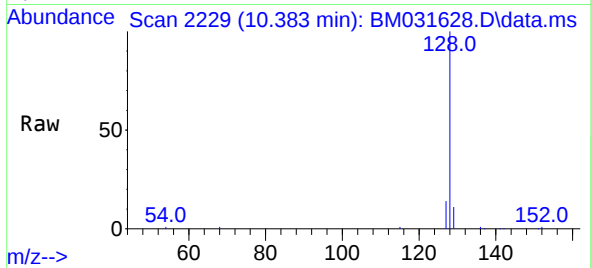
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Response via : Initial Calibration

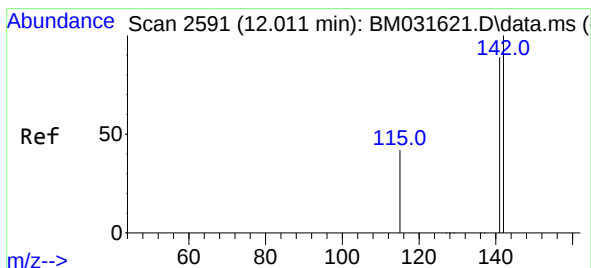
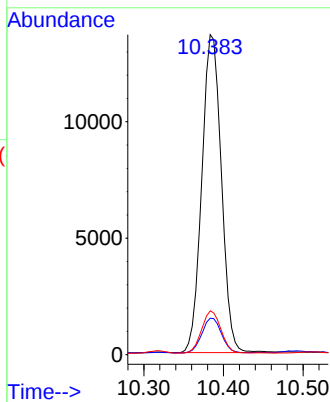
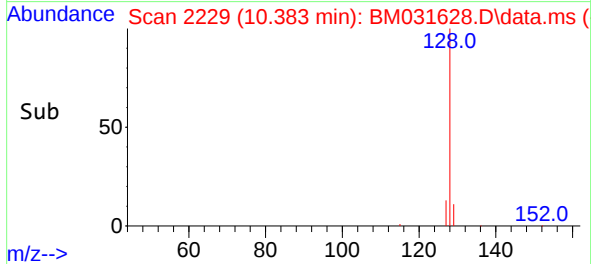




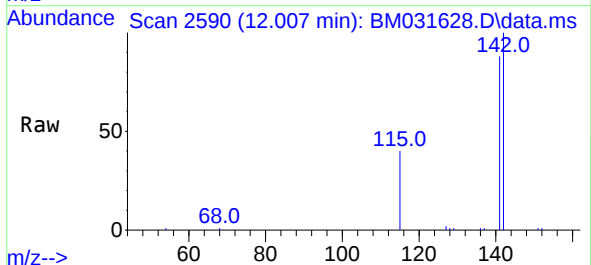
#5
Naphthalene
Concen: 1.389 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54



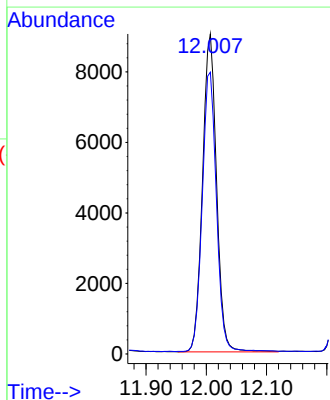
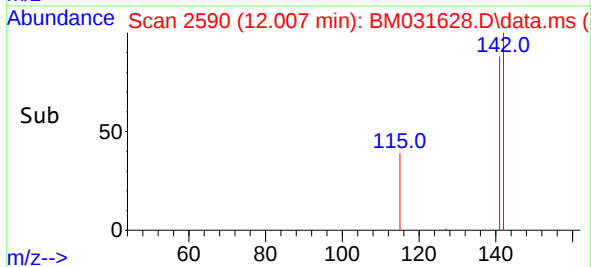
Tgt Ion:128 Resp: 23304
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.278 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54



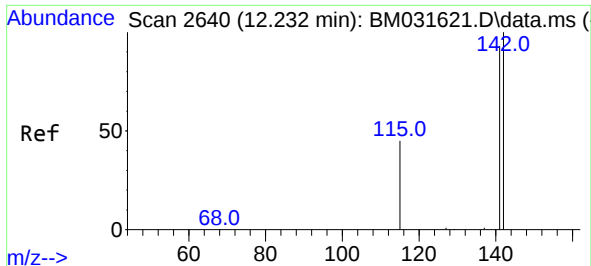
Tgt Ion:142 Resp: 14648
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



Instrument :
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ClientSampleId :
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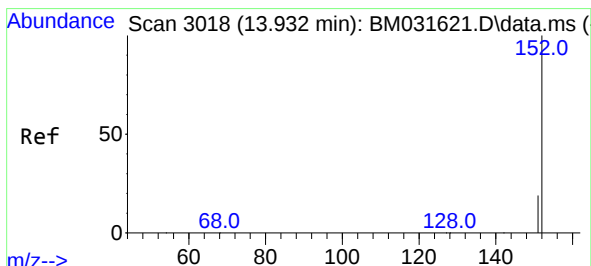
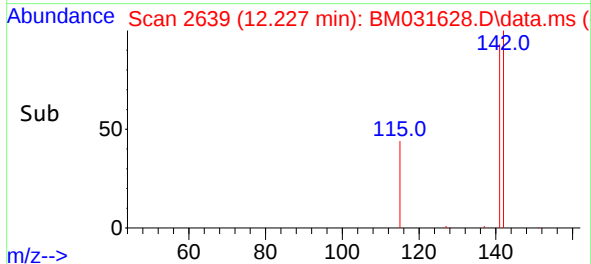
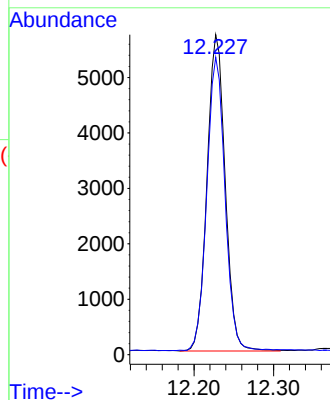
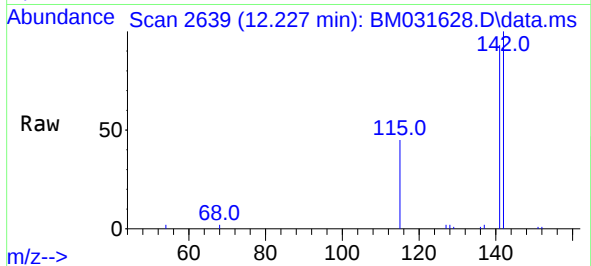
#8
1-Methylnaphthalene
Concen: 0.797 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:142 Resp: 9025
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
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ClientSampled :
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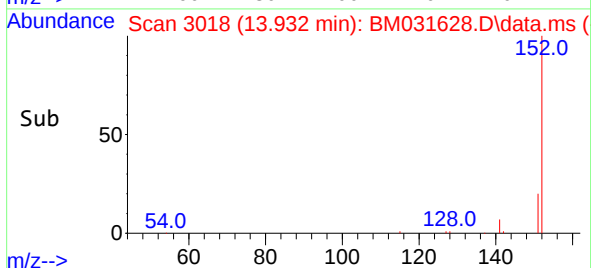
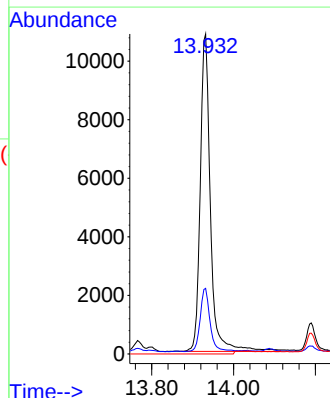
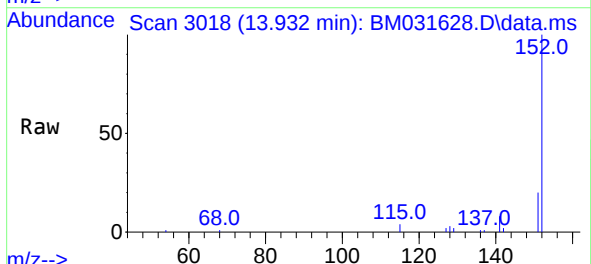
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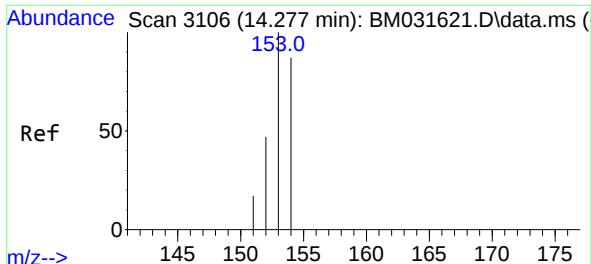
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#10
Acenaphthylene
Concen: 1.218 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031628.D
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Tgt Ion:152 Resp: 17349
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0





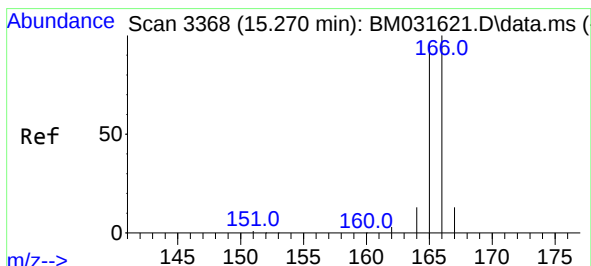
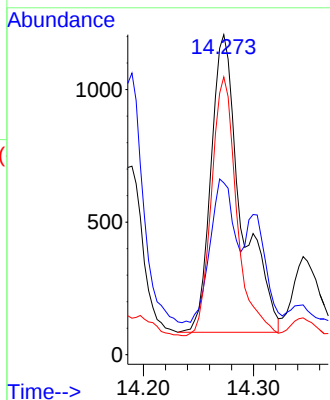
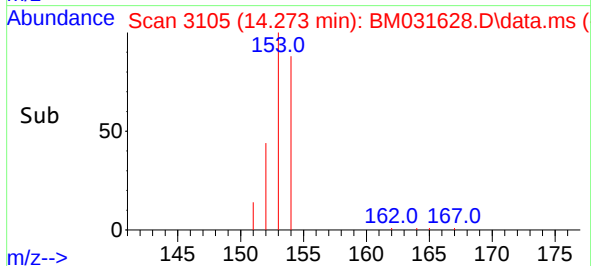
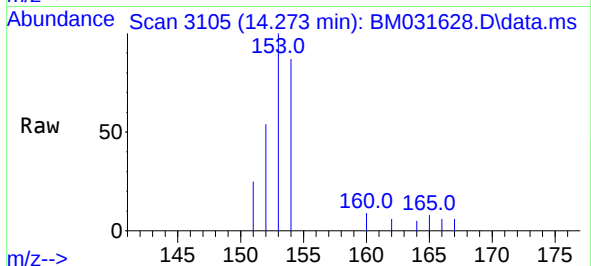
#11
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:	153	Resp:	2145
Ion	Ratio	Lower	Upper
153	100		
152	53.7	40.7	61.1
154	86.8	70.2	105.2

Instrument :
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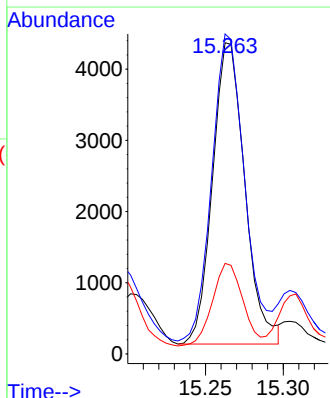
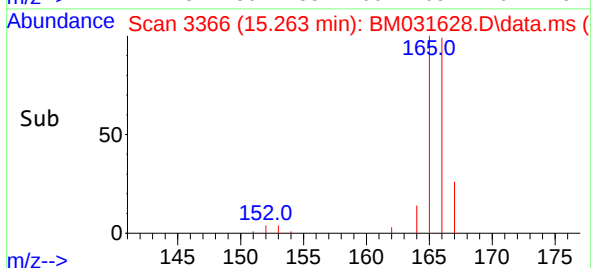
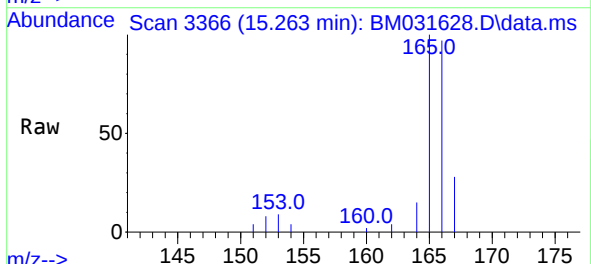
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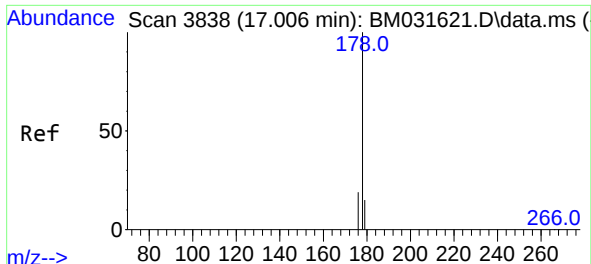
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#12
Fluorene
Concen: 0.443 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.008 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

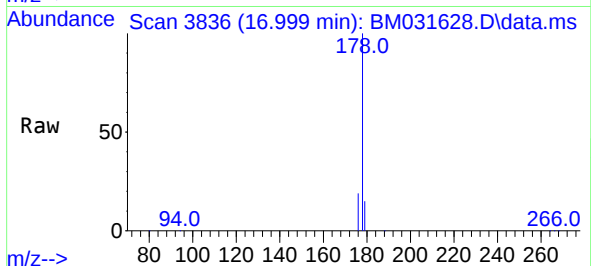
Tgt Ion:	166	Resp:	6112
Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.0	117.0
167	29.1	12.0	18.0





#15
Phenanthrene
Concen: 6.337 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.010 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

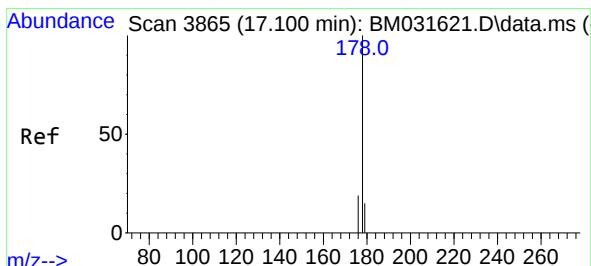
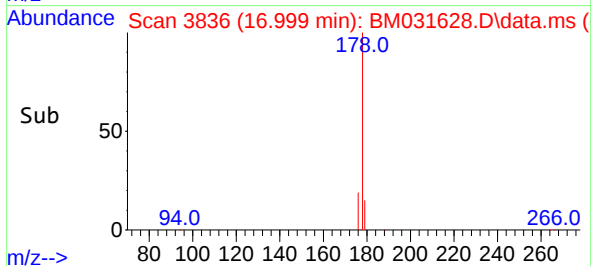
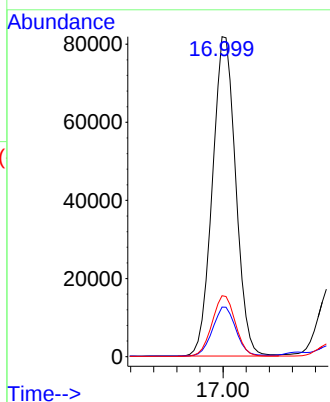
Instrument :
BNA_M
ClientSampled :
C00B9



Tgt Ion:178 Resp: 114676
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 16.2 24.4

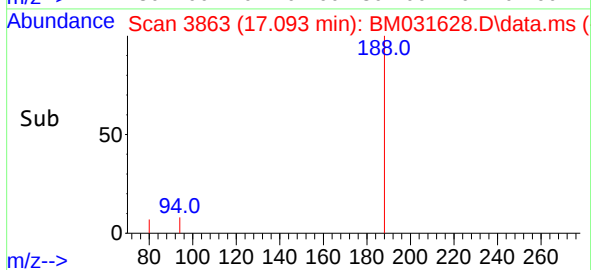
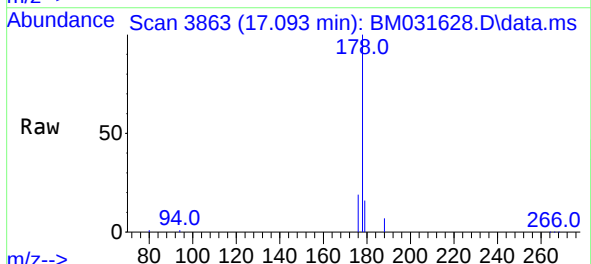
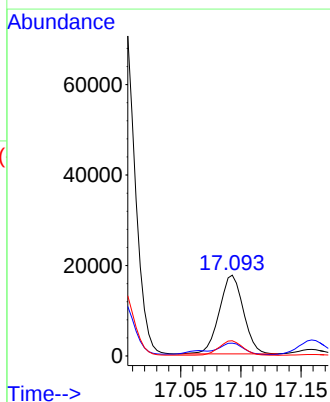
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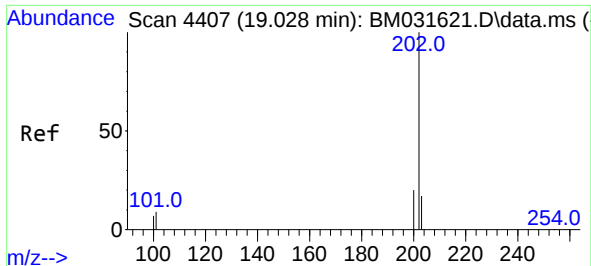
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#16
Anthracene
Concen: 1.424 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

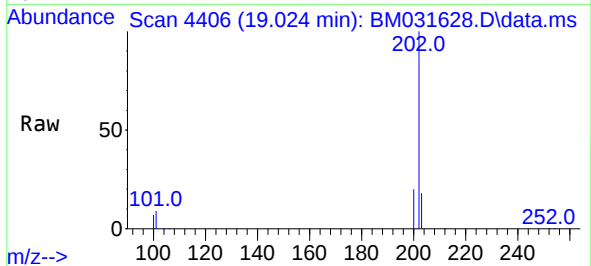
Tgt Ion:178 Resp: 24124
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 18.7 15.6 23.4





#19
Fluoranthene
Concen: 12.225 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

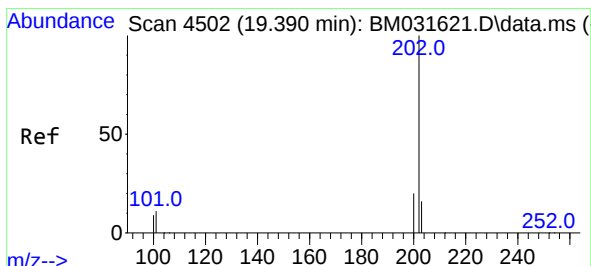
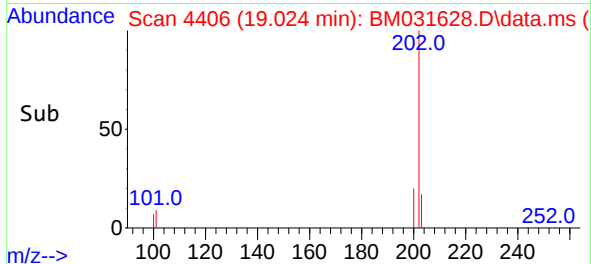
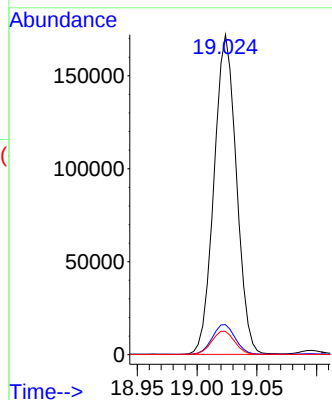
Instrument :
BNA_M
ClientSampled :
C00B9



Tgt Ion:202 Resp: 224524
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.3 5.4 8.0

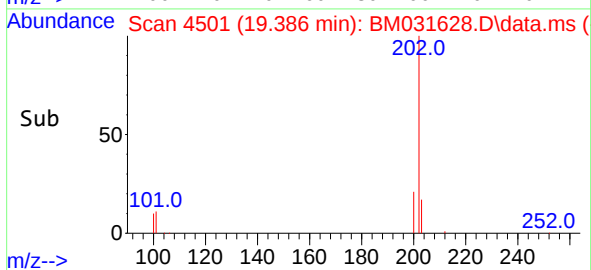
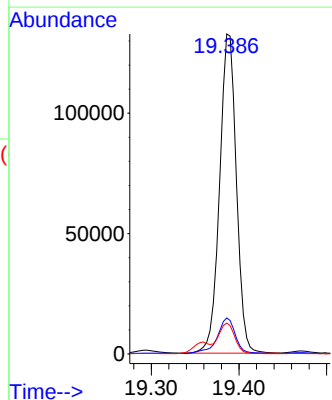
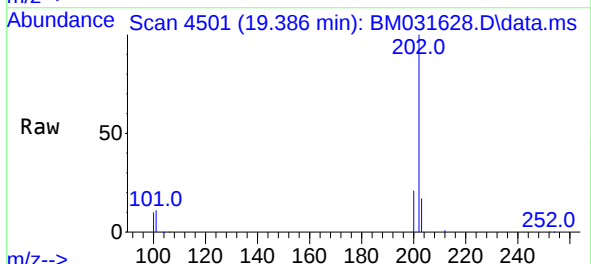
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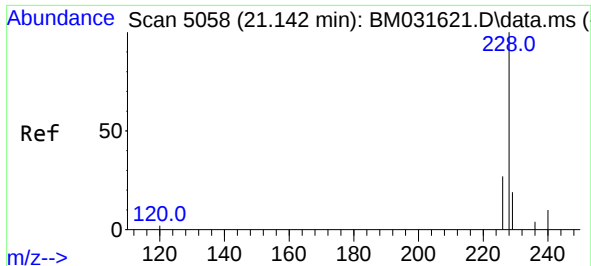
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#20
Pyrene
Concen: 9.489 ng/u1
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:202 Resp: 176757
Ion Ratio Lower Upper
202 100
101 11.3 7.8 11.6
100 9.6 6.6 10.0





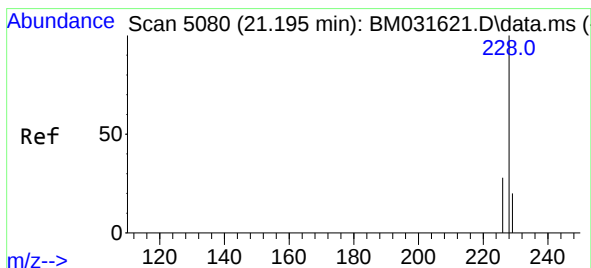
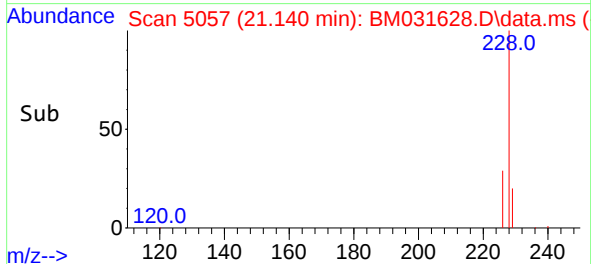
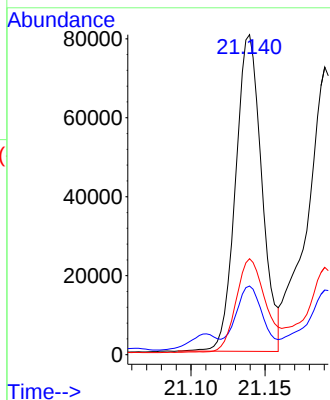
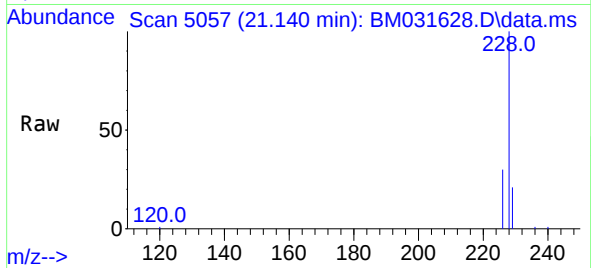
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Benzo(a)anthracene
Concen: 5.685 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:	228	Resp:	98738
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.6	23.4
226	30.0	21.7	32.5

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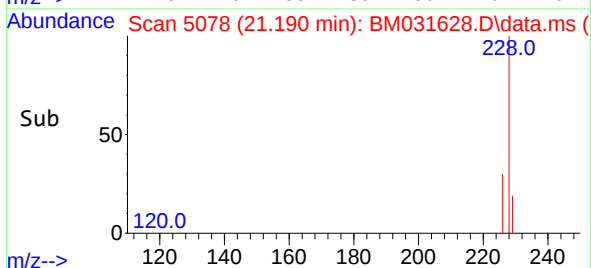
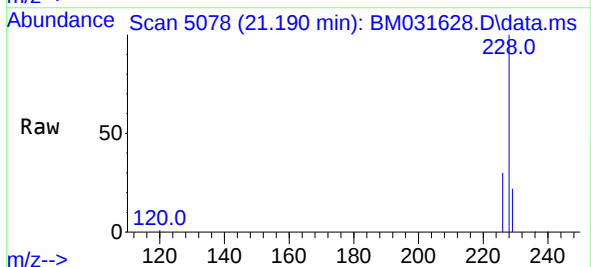
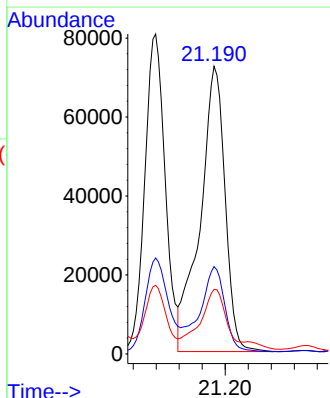
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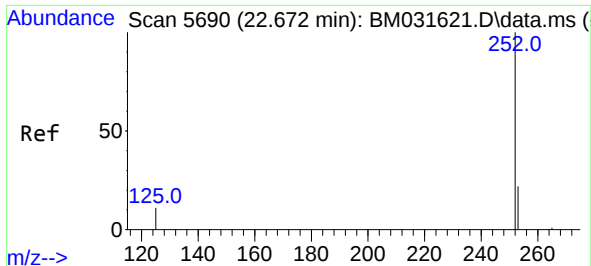
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#22
Chrysene
Concen: 6.055 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:	228	Resp:	108802
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	22.5	16.2	24.2





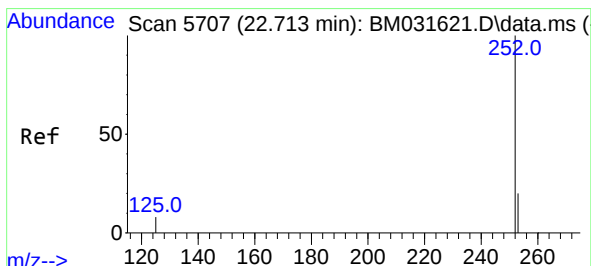
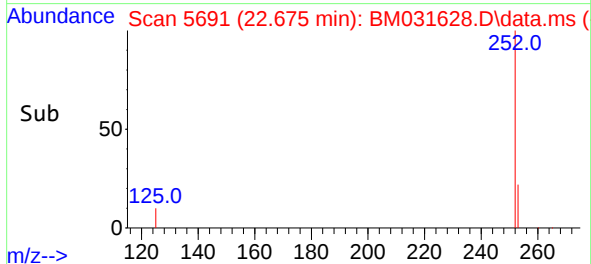
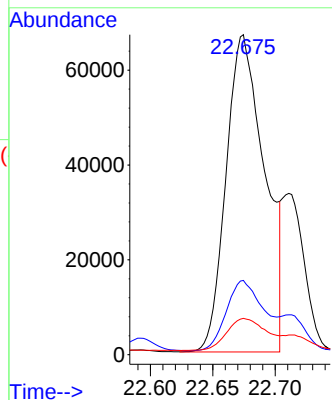
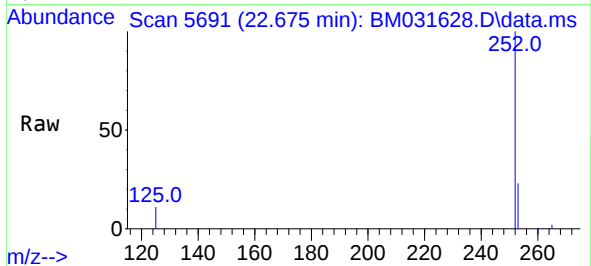
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Benzo(b)fluoranthene
Concen: 7.180 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.002 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:252 Resp: 143949
Ion Ratio Lower Upper
252 100
253 23.2 0.0 53.0
125 11.3 0.0 22.8

Instrument :
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ClientSampled :
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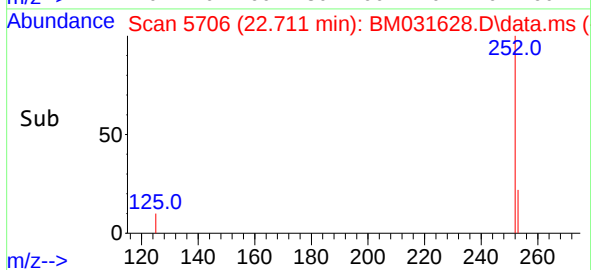
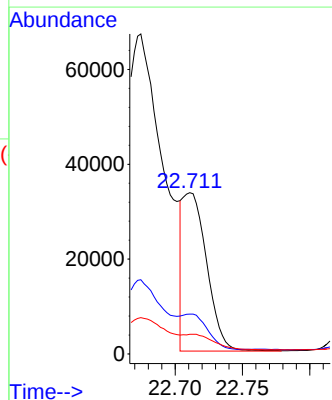
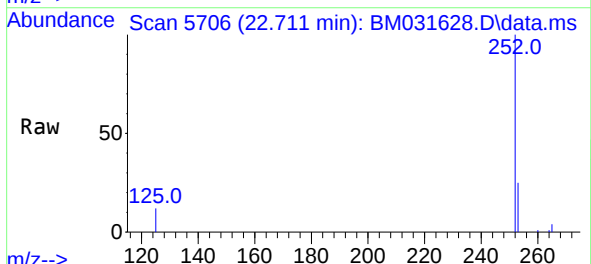
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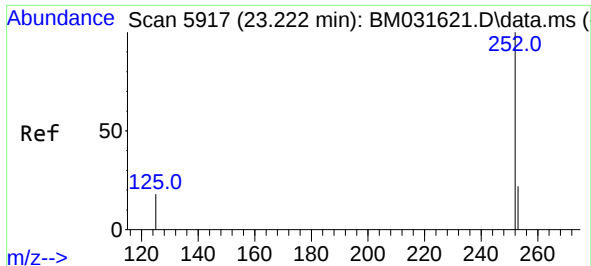
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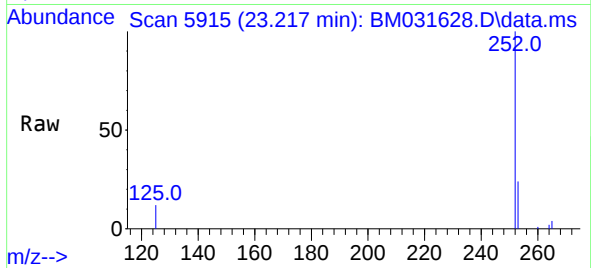
#25
Benzo(k)fluoranthene
Concen: 1.989 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54

Tgt Ion:252 Resp: 41199
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 12.2 8.8 13.2

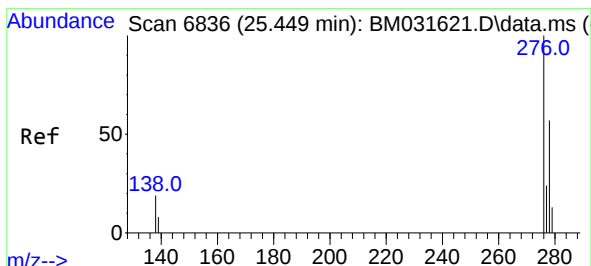
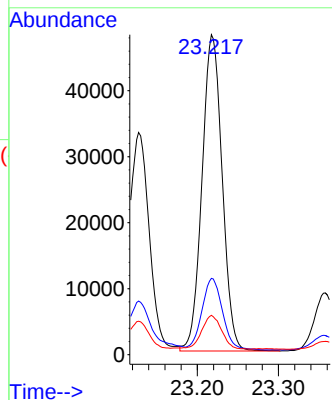
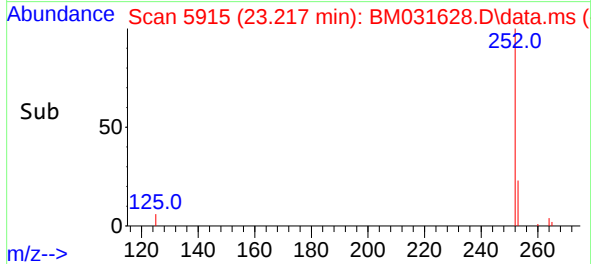




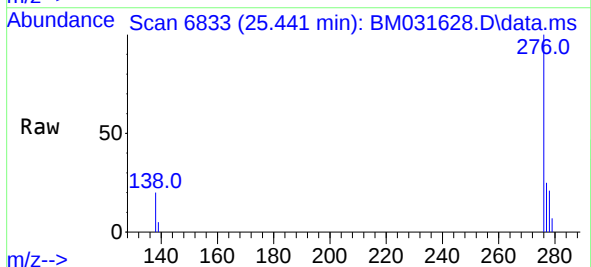
#26
Benzo(a)pyrene
Concen: 4.710 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.007 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54



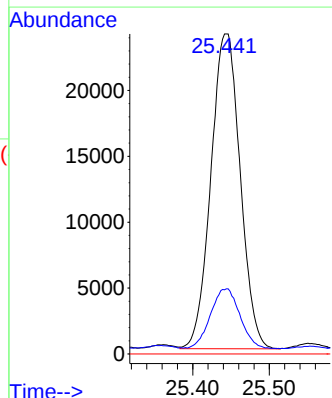
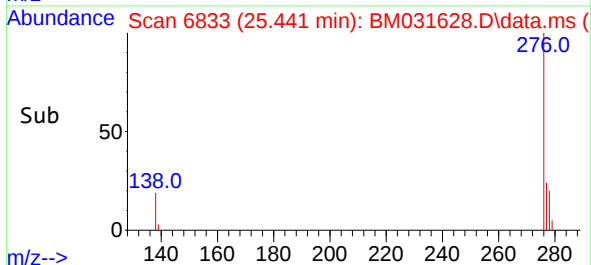
Tgt Ion:252 Resp: 82706
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 12.3 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.798 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.012 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54



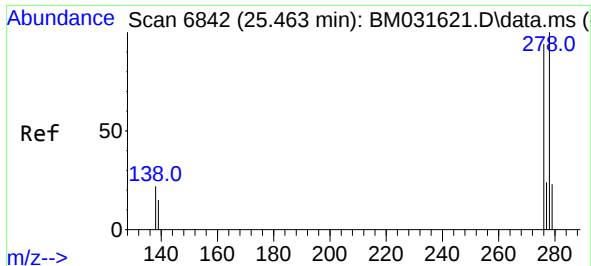
Tgt Ion:276 Resp: 63505
Ion Ratio Lower Upper
276 100
138 19.7 15.8 23.8
227 0.0 0.0 0.0



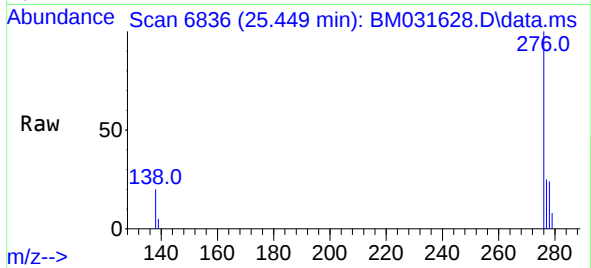
Instrument :
BNA_M
ClientSampled :
C00B9

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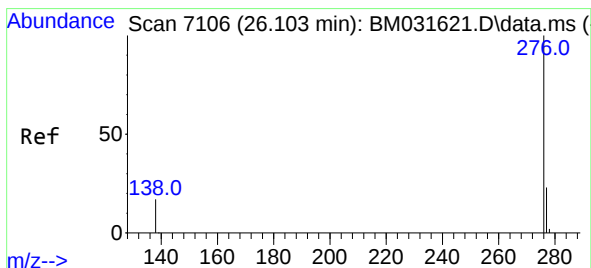
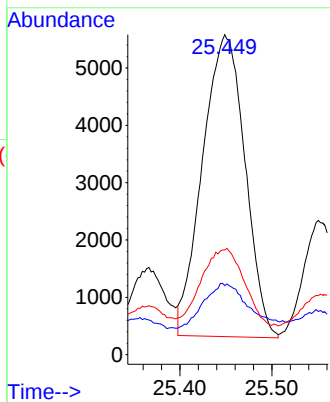
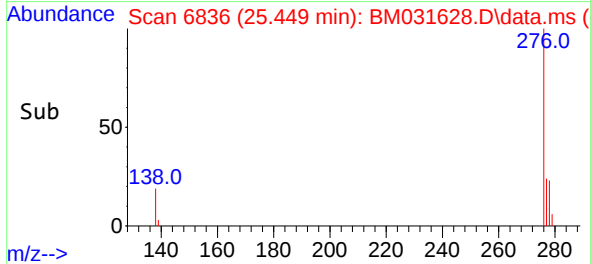
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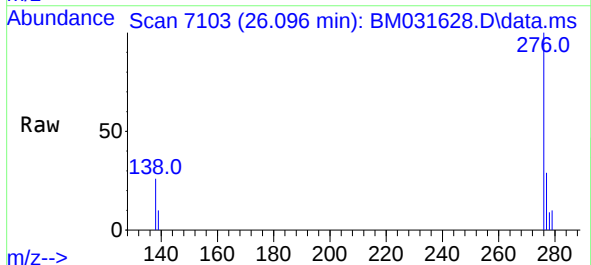
#28
Dibenzo(a,h)anthracene
Concen: 0.924 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.019 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54



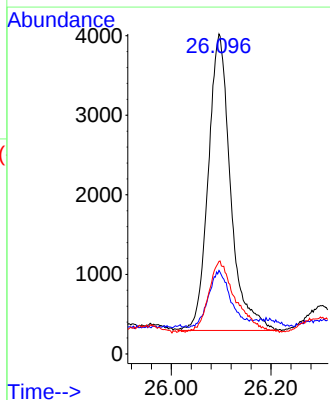
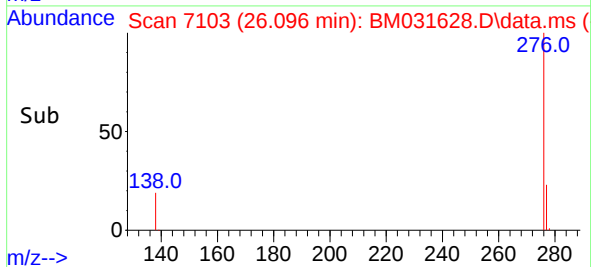
Tgt Ion: 278 Resp: 16902
Ion Ratio Lower Upper
278 100
139 21.6 13.3 19.9#
279 32.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.596 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.002 min
Lab File: BM031628.D
Acq: 10 Aug 2021 06:54



Tgt Ion: 276 Resp: 11545
Ion Ratio Lower Upper
276 100
138 26.1 15.4 23.2#
277 29.0 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00B9

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