

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031384.D
 Acq On : 02 Aug 2021 20:24
 Operator : CG/JU
 Sample : M3123-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0075

Manual Integrations
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mohammad
 8/3/2021 11:50:48 AM

Quant Time: Aug 03 02:06:34 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5492	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.231	164	3416	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6086	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	4710	0.40	ng/ul	# 0.00
23) Perylene-d12	23.331	264	4418	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	2218	1.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1368	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2684	0.17	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	6585	0.40	ng/ul	100
7) 2-Methylnaphthalene	12.029	142	13533	1.21	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	7495	0.68	ng/ul	99
10) Acenaphthylene	13.950	152	1567	0.11	ng/ul#	89
11) Acenaphthene	14.322	153	645m	0.05	ng/ul	
12) Fluorene	15.285	166	730	0.05	ng/ul#	62
15) Phenanthrene	17.020	178	26390	1.37	ng/ul	98
16) Anthracene	17.110	178	1484	0.08	ng/ul#	85
19) Fluoranthene	19.043	202	17327	0.86	ng/ul#	96
20) Pyrene	19.405	202	15197	0.74	ng/ul	96
21) Benzo(a)anthracene	21.154	228	7446	0.39	ng/ul#	85
22) Chrysene	21.205	228	16191	0.82	ng/ul#	96
24) Benzo(b)fluoranthene	22.689	252	13613m	0.68	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	4197m	0.20	ng/ul	
26) Benzo(a)pyrene	23.237	252	6226	0.36	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.470	276	5137	0.23	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.485	278	1582	0.09	ng/ul#	39
29) Benzo(g,h,i)perylene	26.127	276	694	0.04	ng/ul#	37

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

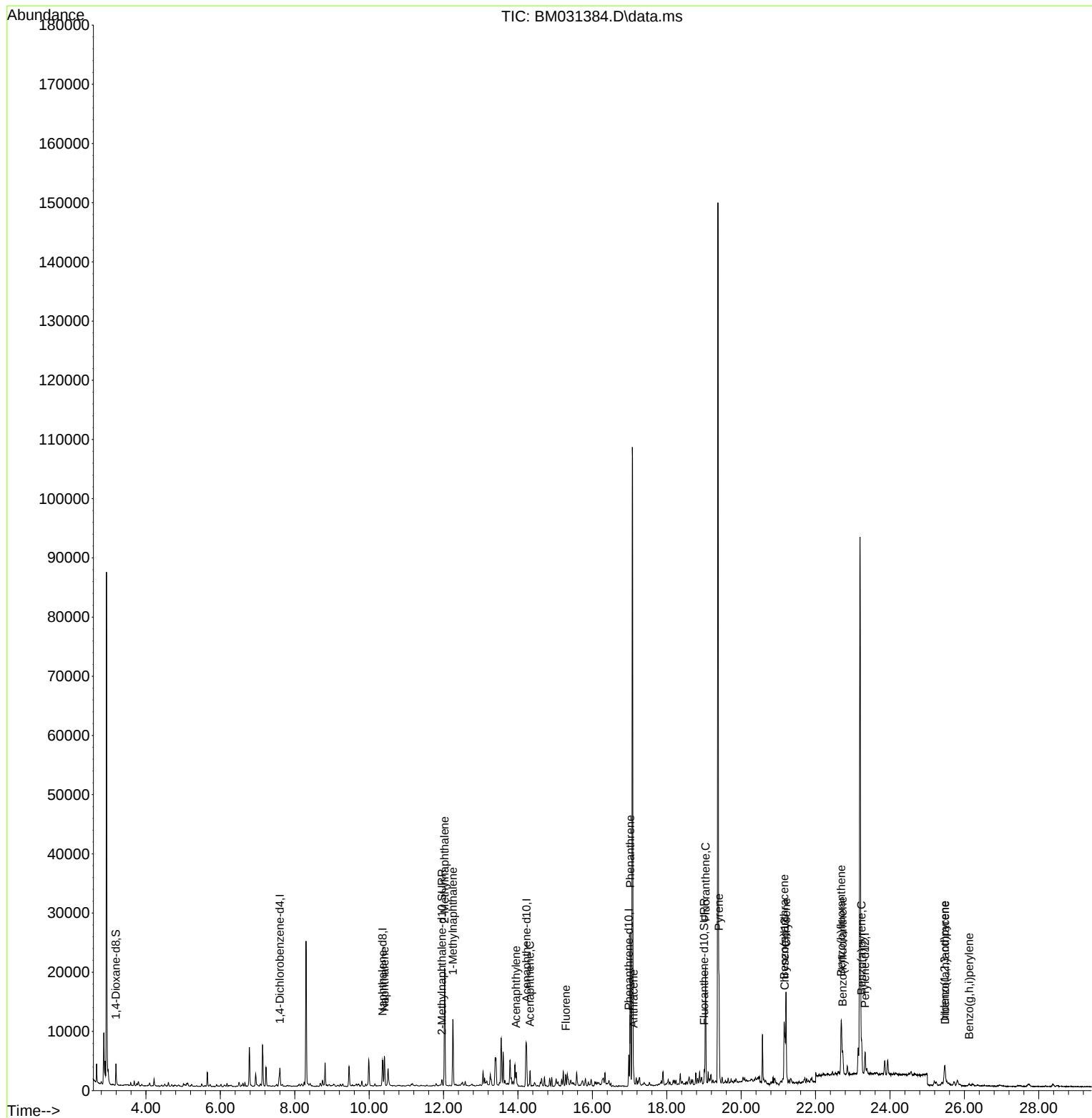
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Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
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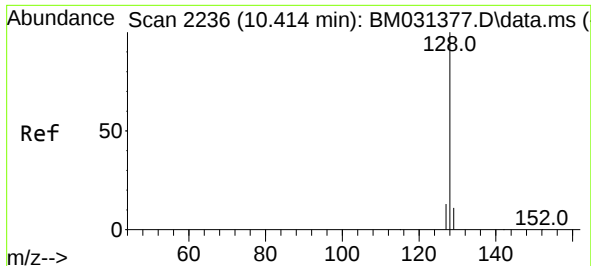
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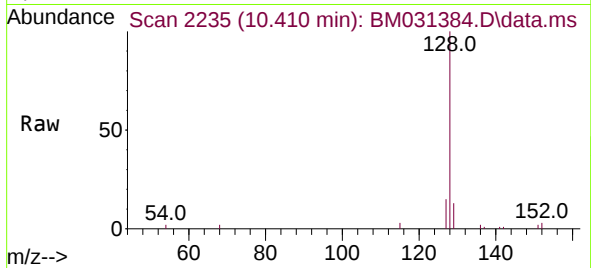
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Quant Time: Aug 03 02:06:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

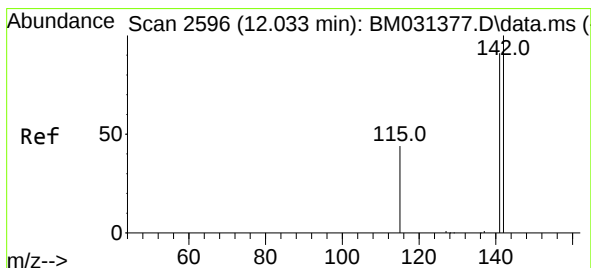
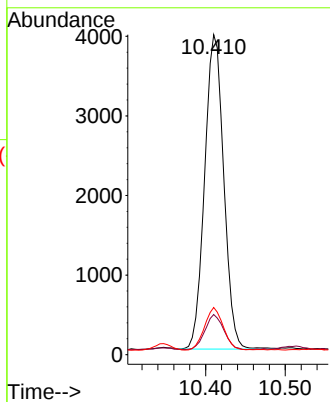
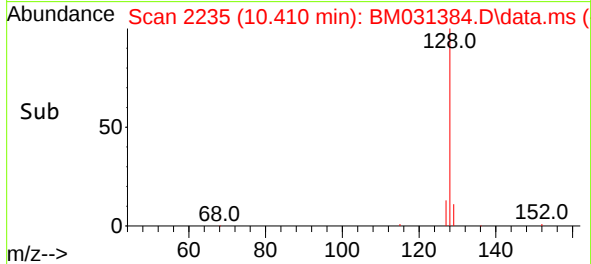




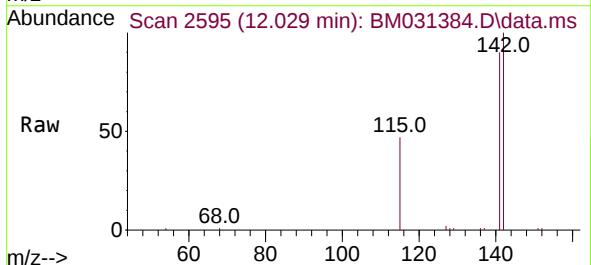
#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



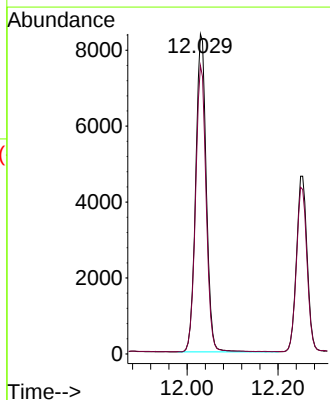
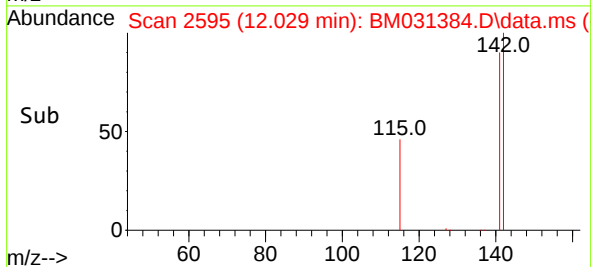
Tgt Ion:128 Resp: 6585
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 14.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.21 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



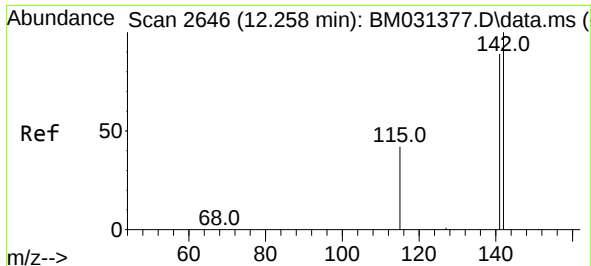
Tgt Ion:142 Resp: 13533
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0



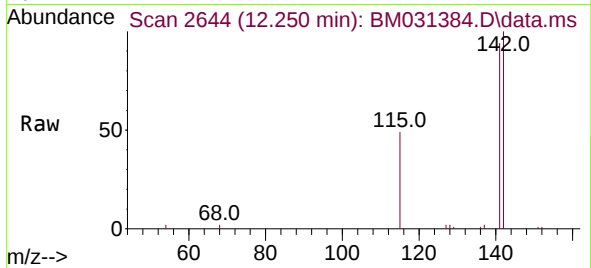
Instrument :
BNA_M
ClientSampled :
C0075

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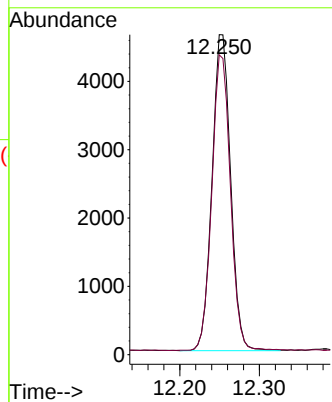
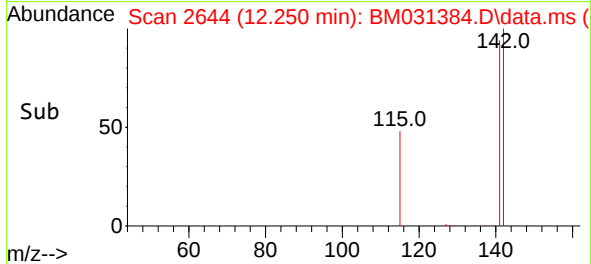
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#8
1-Methylnaphthalene
Concen: 0.68 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



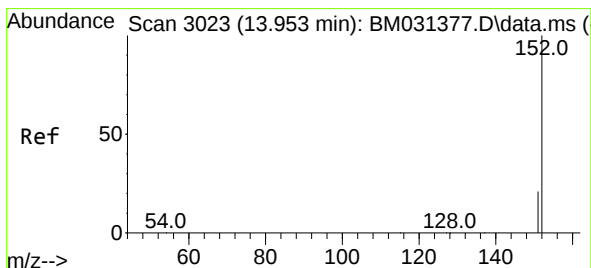
Tgt Ion:142 Resp: 7495
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1



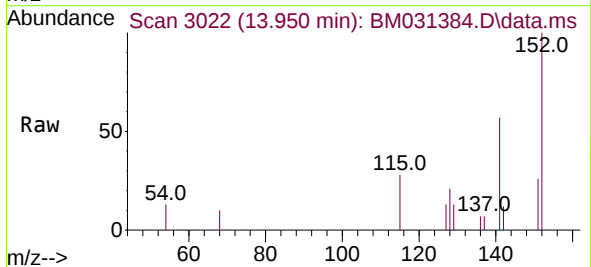
Instrument :
BNA_M
ClientSampled :
C0075

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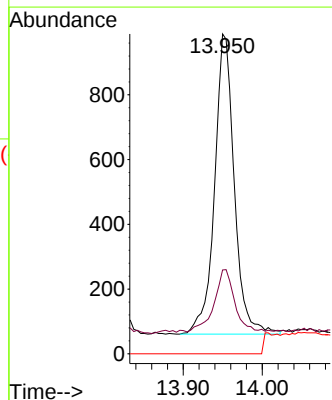
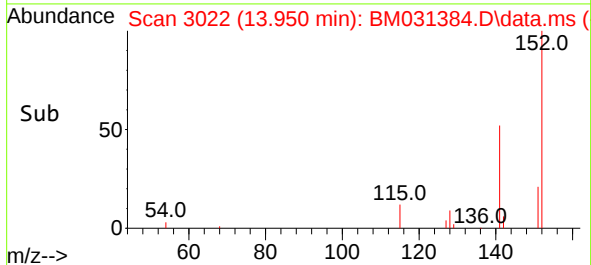
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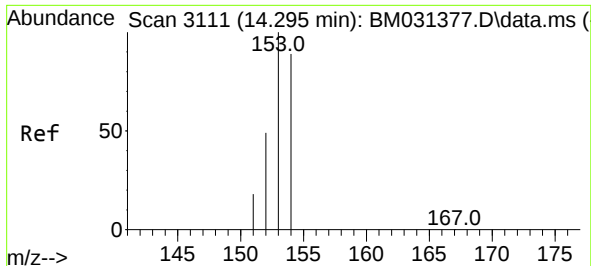


#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



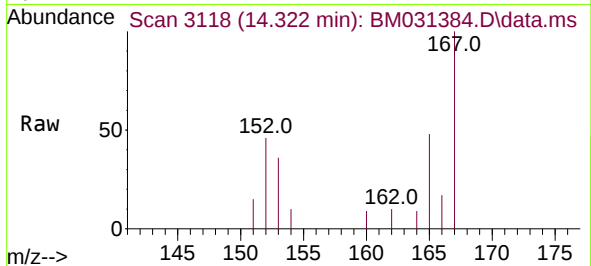
Tgt Ion:152 Resp: 1567
Ion Ratio Lower Upper
152 100
151 26.2 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.05 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.027 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24

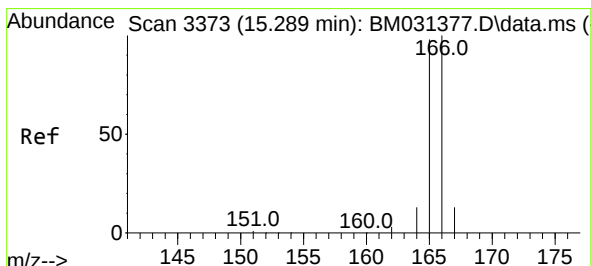
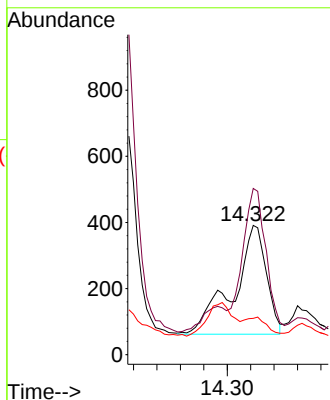
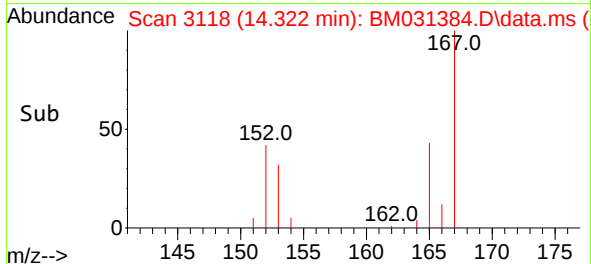
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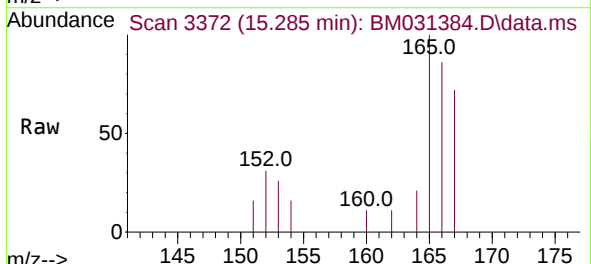
Tgt Ion:153 Resp: 645
Ion Ratio Lower Upper
153 100
152 128.6 40.7 61.1#
154 28.1 70.2 105.2#

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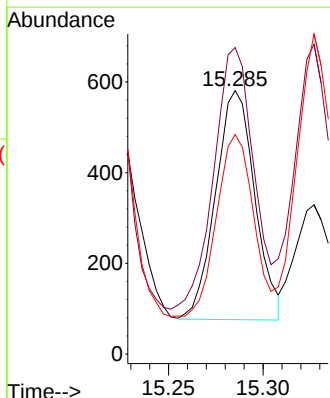
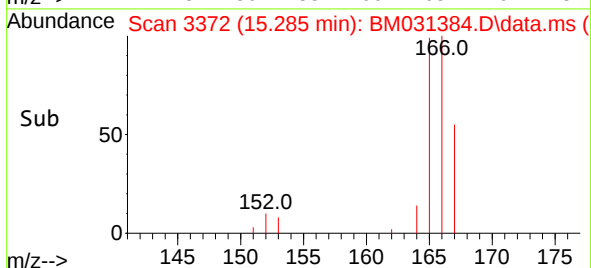
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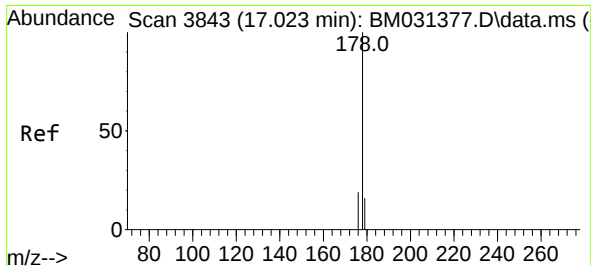


#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24

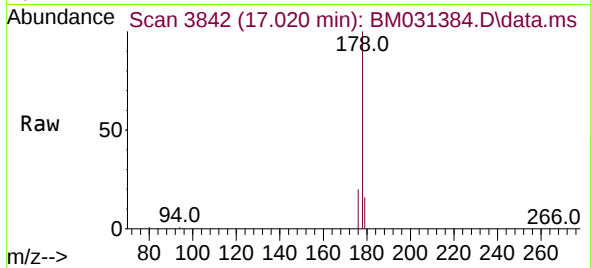


Tgt Ion:166 Resp: 730
Ion Ratio Lower Upper
166 100
165 116.4 78.0 117.0
167 83.3 12.0 18.0#

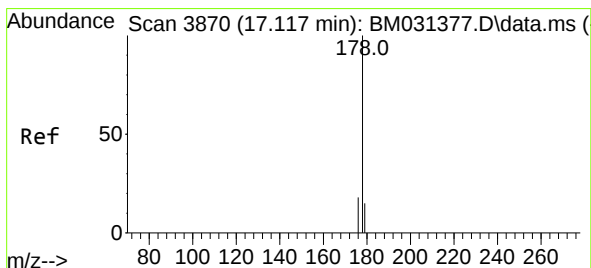
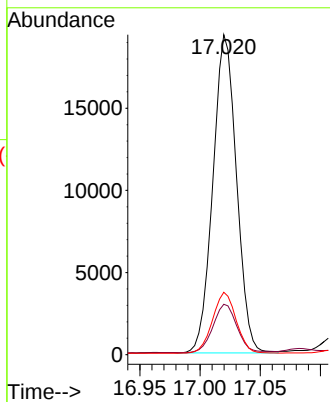
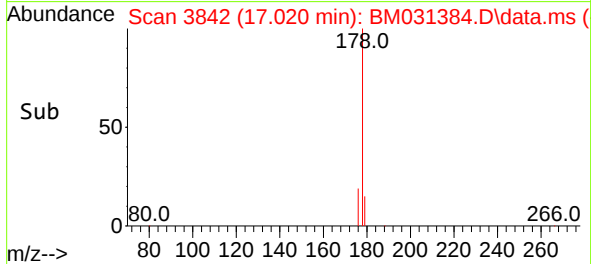




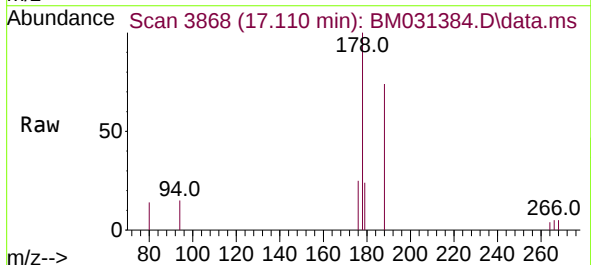
#15
Phenanthrene
Concen: 1.37 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



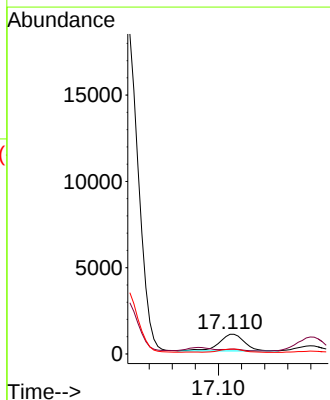
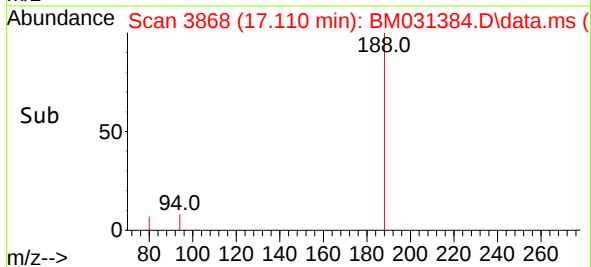
Tgt Ion:178 Resp: 26390
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.08 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



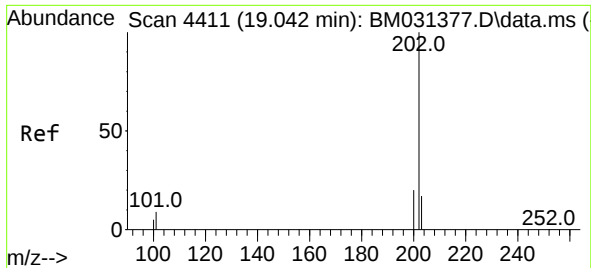
Tgt Ion:178 Resp: 1484
Ion Ratio Lower Upper
178 100
179 24.3 13.0 19.6#
176 24.6 15.6 23.4#



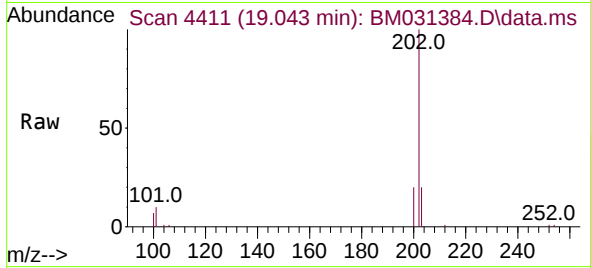
Instrument :
BNA_M
ClientSampled :
C0075

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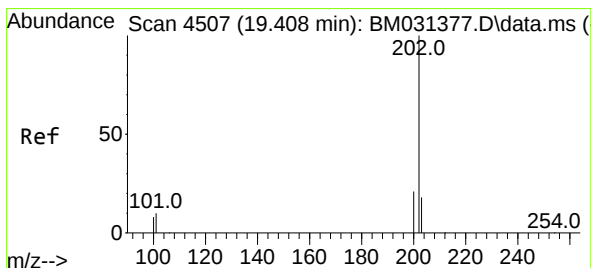
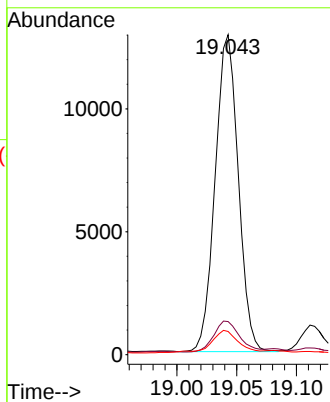
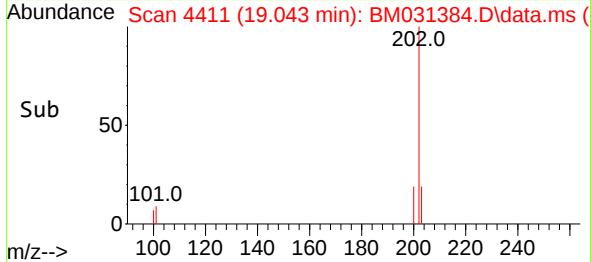
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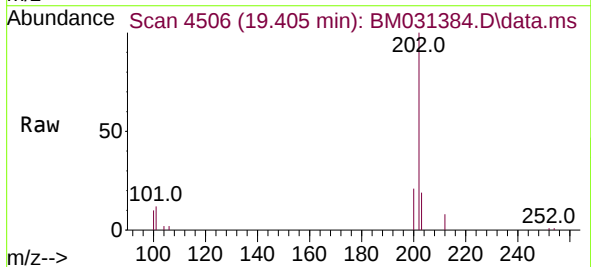
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Fluoranthene
Concen: 0.86 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



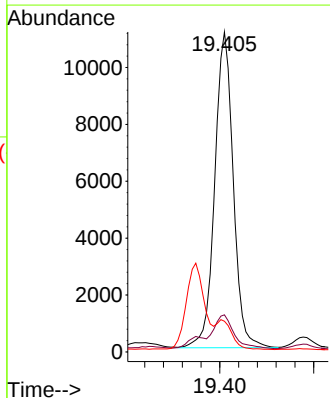
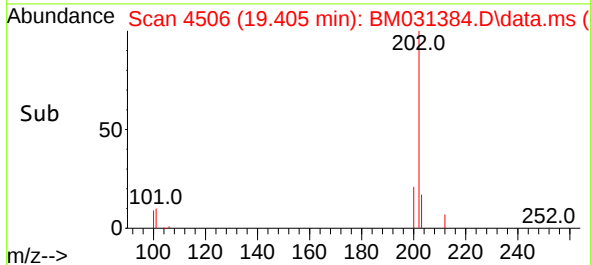
Tgt Ion:202 Resp: 17327
Ion Ratio Lower Upper
202 100
101 10.3 6.6 10.0#
100 7.3 5.4 8.0



#20
Pyrene
Concen: 0.74 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



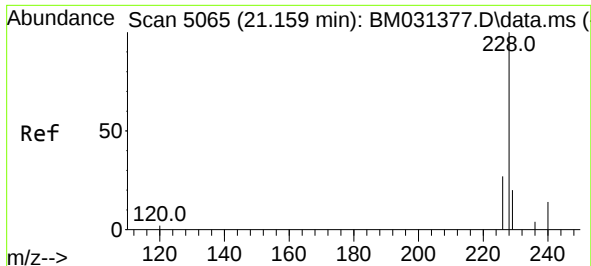
Tgt Ion:202 Resp: 15197
Ion Ratio Lower Upper
202 100
101 11.6 7.8 11.6
100 9.6 6.6 10.0



Instrument :
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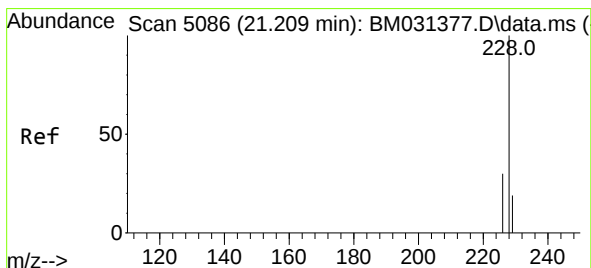
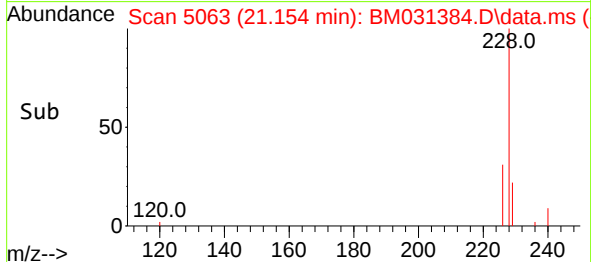
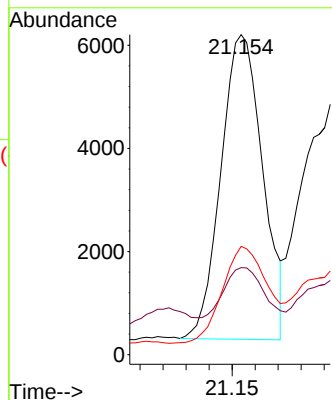
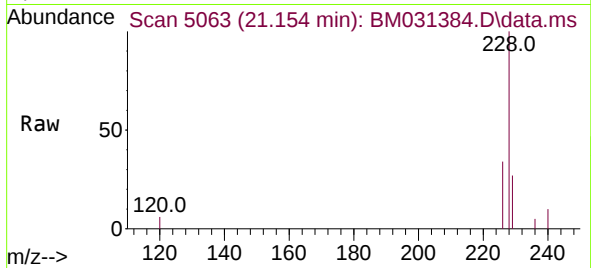
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Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24

Tgt Ion:228 Resp: 7446
Ion Ratio Lower Upper
228 100
229 27.2 15.6 23.4#
226 33.9 21.7 32.5#

Instrument :
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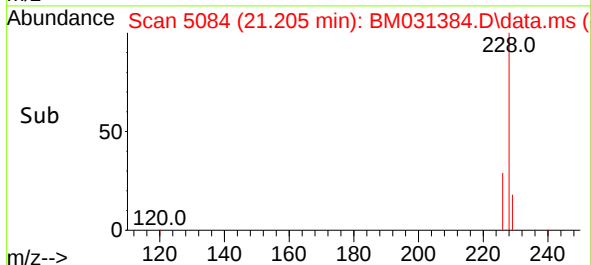
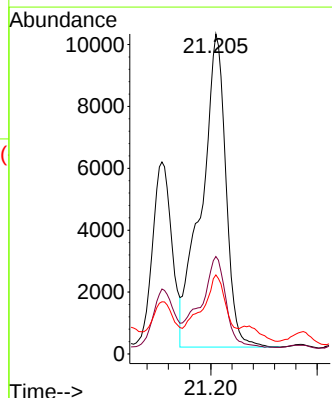
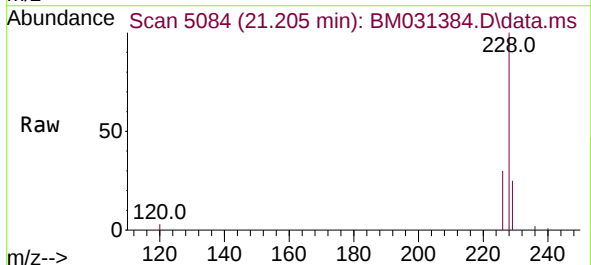
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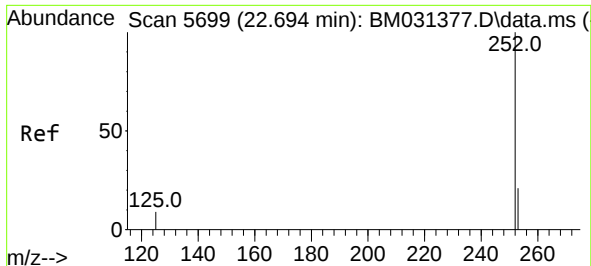
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#22
Chrysene
Concen: 0.82 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24

Tgt Ion:228 Resp: 16191
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 24.7 16.2 24.2#





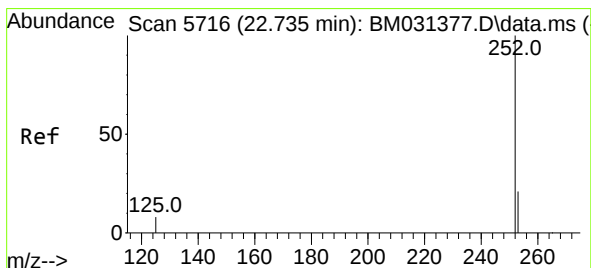
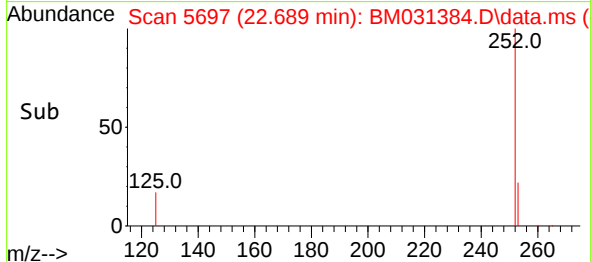
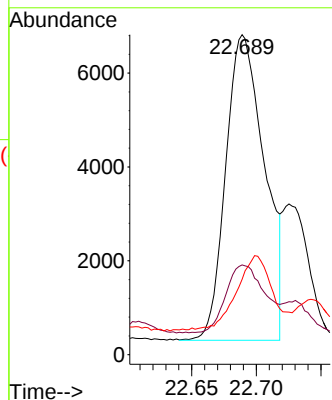
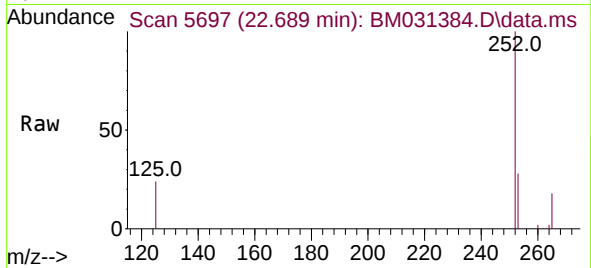
#24
Benzo(b)fluoranthene
Concen: 0.68 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	53.0
125	23.5	0.0	22.8#

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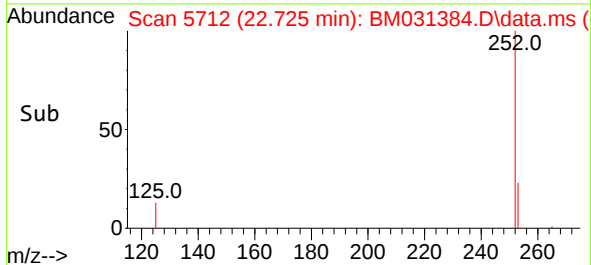
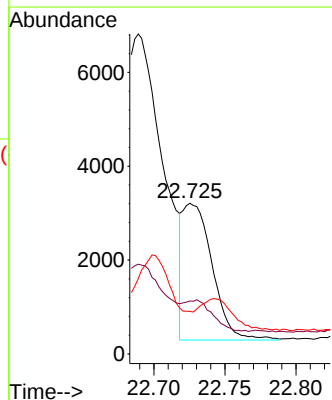
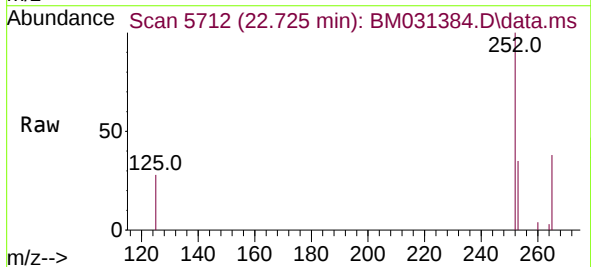
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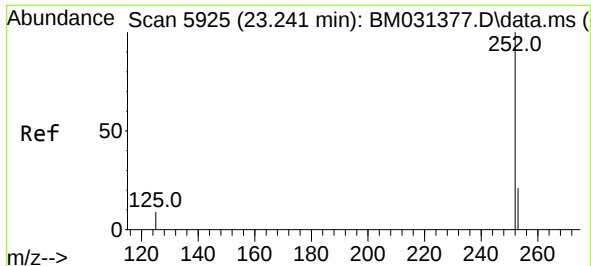
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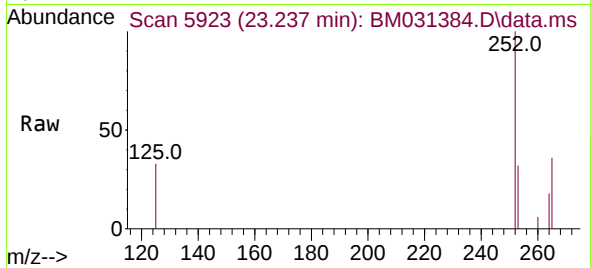
#25
Benzo(k)fluoranthene
Concen: 0.20 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.010 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	21.3	31.9#
125	28.2	8.8	13.2#

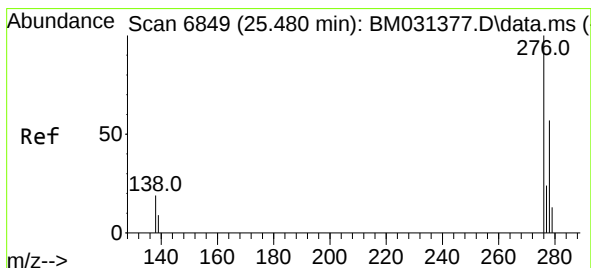
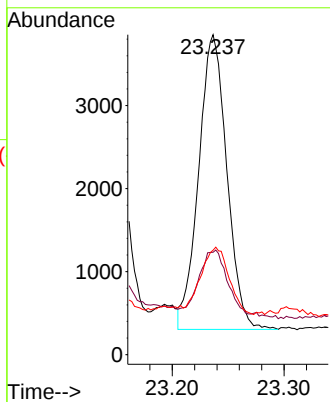
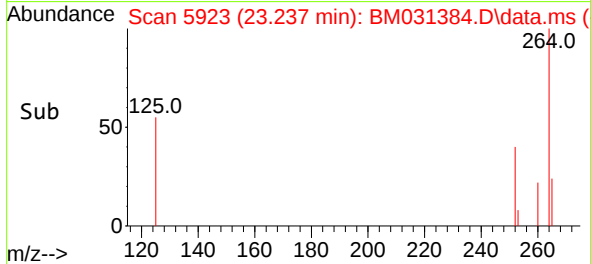




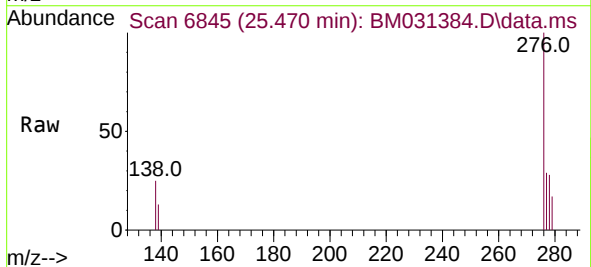
#26
Benzo(a)pyrene
Concen: 0.36 ng/u1
RT: 23.237 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



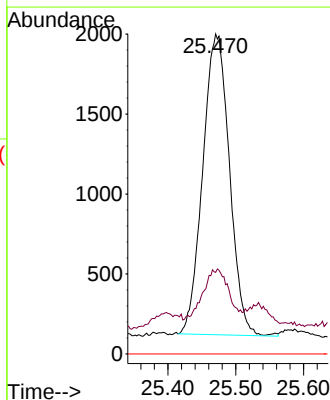
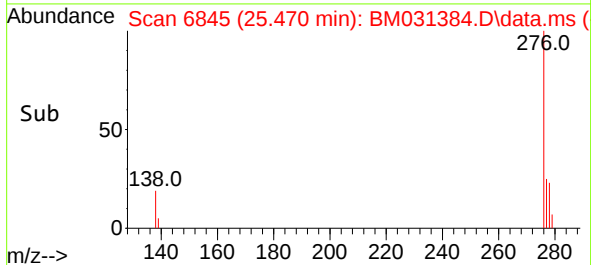
Tgt Ion:252 Resp: 6226
Ion Ratio Lower Upper
252 100
253 32.0 22.4 33.6
125 32.6 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng/u1
RT: 25.470 min Scan# 6845
Delta R.T. -0.010 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



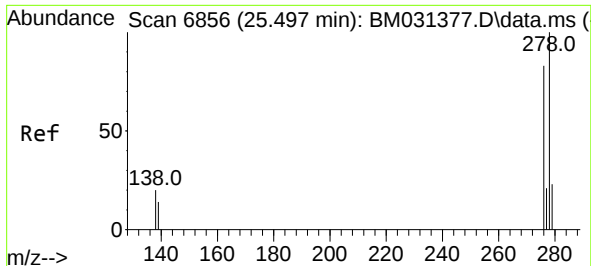
Tgt Ion:276 Resp: 5137
Ion Ratio Lower Upper
276 100
138 28.2 15.8 23.8#
227 0.0 0.0 0.0



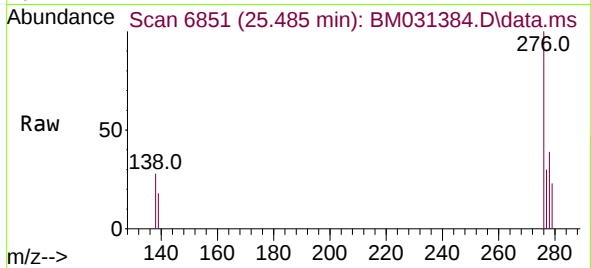
Instrument :
BNA_M
ClientSampled :
C0075

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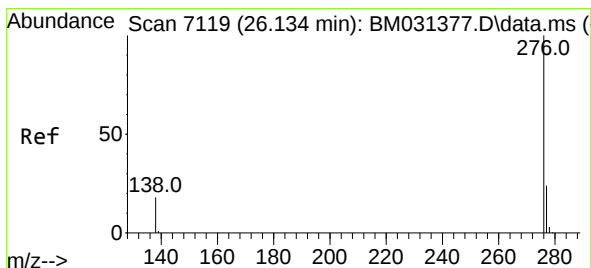
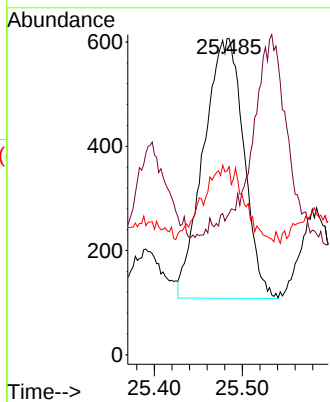
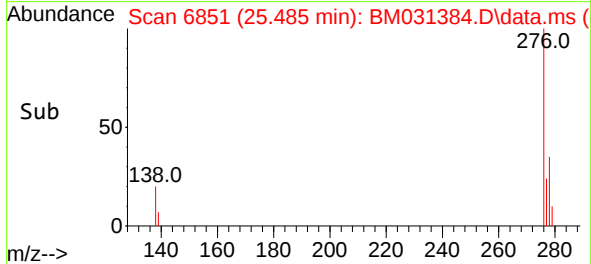
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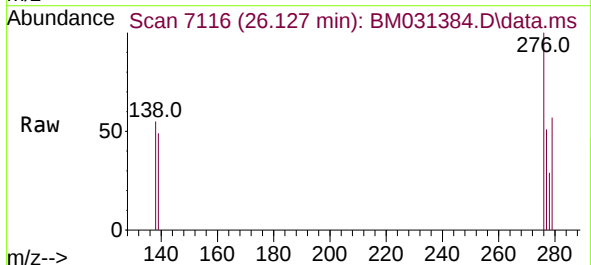
#28
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.007 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



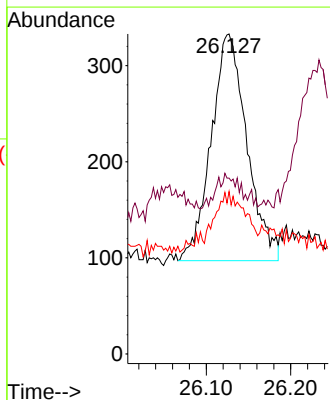
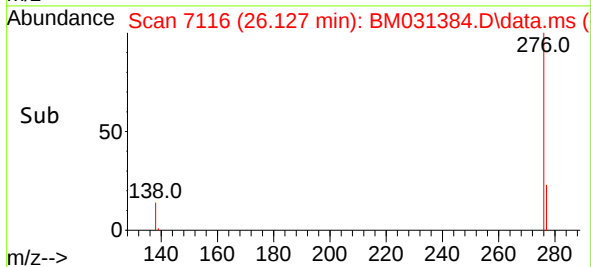
Tgt Ion: 278 Resp: 1582
Ion Ratio Lower Upper
278 100
139 44.6 13.3 19.9#
279 59.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.005 min
Lab File: BM031384.D
Acq: 02 Aug 2021 20:24



Tgt Ion: 276 Resp: 694
Ion Ratio Lower Upper
276 100
138 55.0 15.4 23.2#
277 50.8 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0075

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