

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031418.D
 Acq On : 03 Aug 2021 19:07
 Operator : CG/JU
 Sample : M3122-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN9

Manual Integrations
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Quant Time: Aug 04 02:37:29 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 03 13:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	5195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3119	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	5898	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	4853	0.400	ng/ul	# 0.00
23) Perylene-d12	23.329	264	4723	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	4269	2.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1648	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	3369	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	1379	0.089	ng/ul#	90
7) 2-Methylnaphthalene	12.029	142	631	0.060	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	529	0.051	ng/ul	98
10) Acenaphthylene	13.950	152	1820	0.137	ng/ul	94
11) Acenaphthene	14.292	153	421	0.038	ng/ul	94
12) Fluorene	15.282	166	634	0.049	ng/ul#	87
15) Phenanthrene	17.016	178	9881	0.528	ng/ul	99
16) Anthracene	17.107	178	4477	0.255	ng/ul	97
19) Fluoranthene	19.039	202	44756	2.160	ng/ul	99
20) Pyrene	19.401	202	19348	0.921	ng/ul	97
21) Benzo(a)anthracene	21.152	228	28186	1.438	ng/ul	96
22) Chrysene	21.202	228	23361	1.152	ng/ul	97
24) Benzo(b)fluoranthene	22.687	252	29178m	1.371	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	12070m	0.549	ng/ul	
26) Benzo(a)pyrene	23.234	252	5984	0.321	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.466	276	5458	0.227	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.475	278	3440	0.177	ng/ul#	76

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

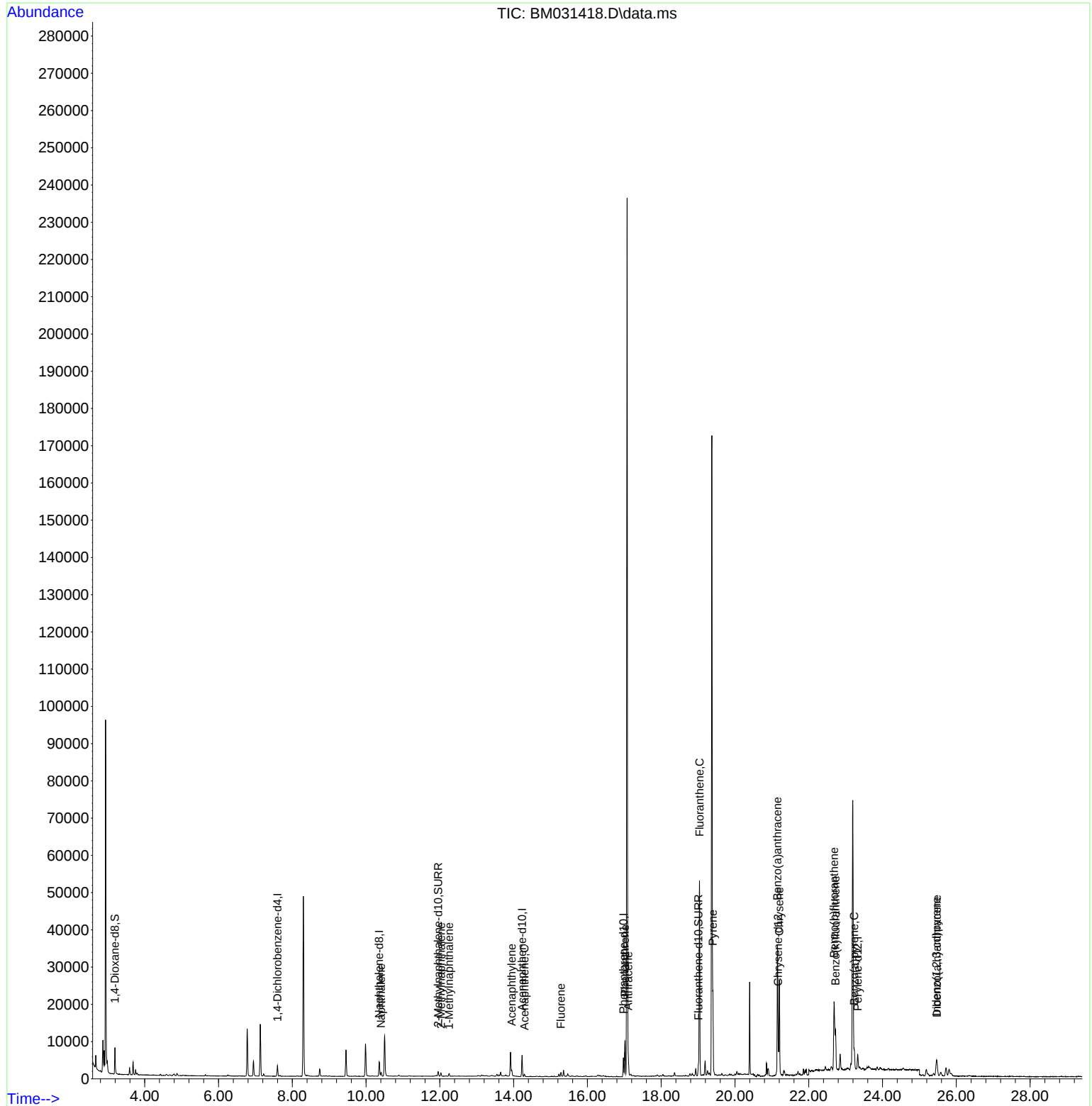
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Data File : BM031418.D
Acq On : 03 Aug 2021 19:07
Operator : CG/JU
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ALS Vial : 48 Sample Multiplier: 1

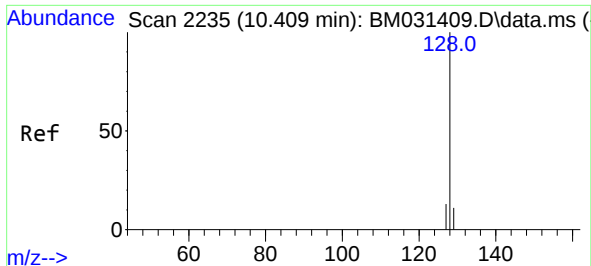
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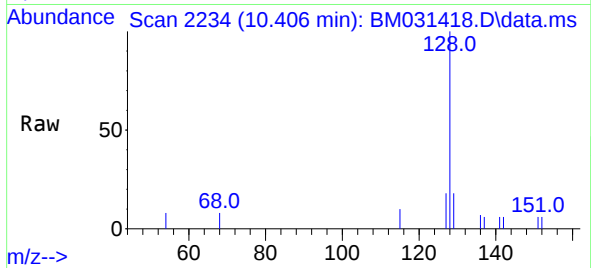
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Quant Time: Aug 04 02:37:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

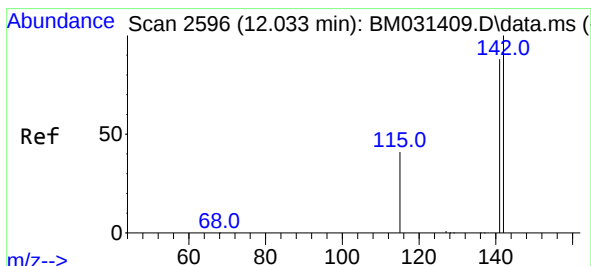
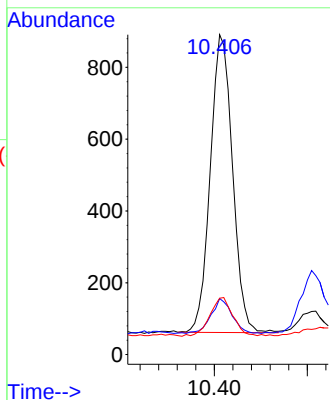
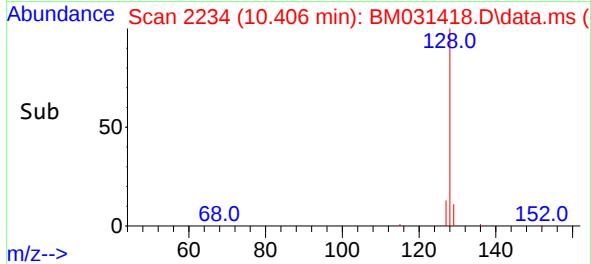




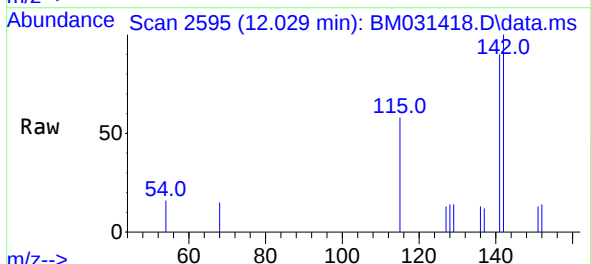
#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



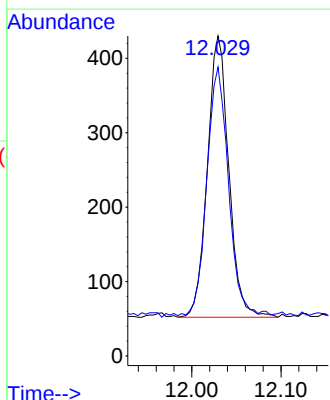
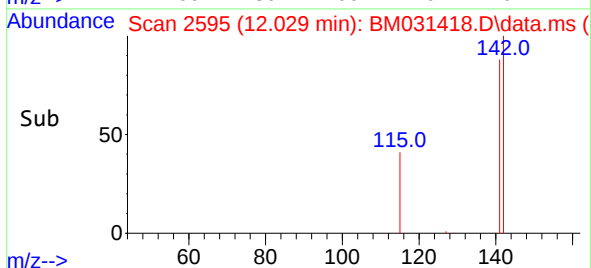
Tgt Ion:128 Resp: 1379
Ion Ratio Lower Upper
128 100
129 17.5 10.0 15.0#
127 17.6 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



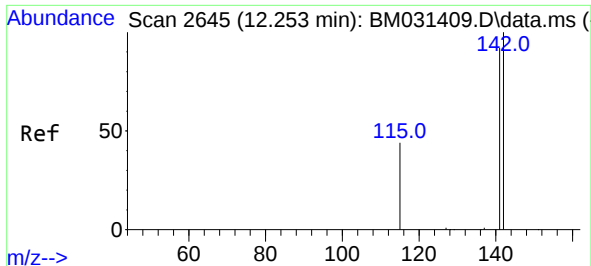
Tgt Ion:142 Resp: 631
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



Instrument :
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ClientSampled :
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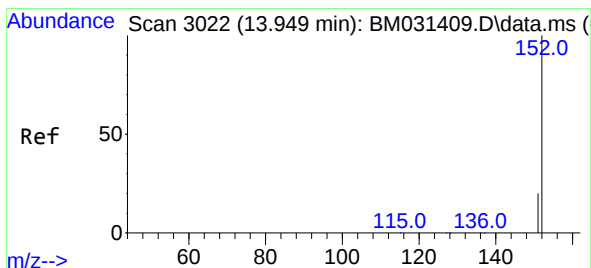
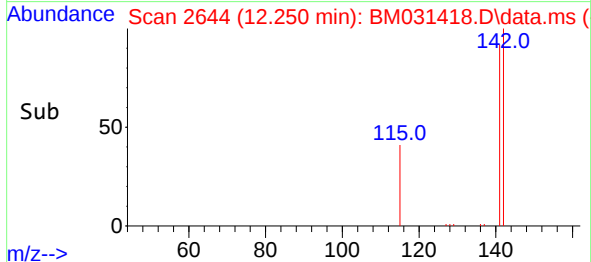
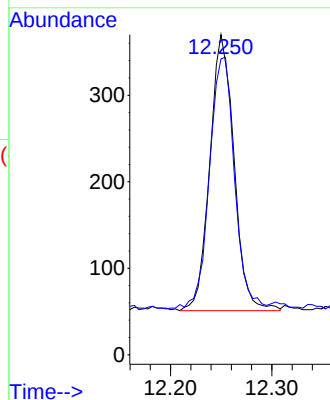
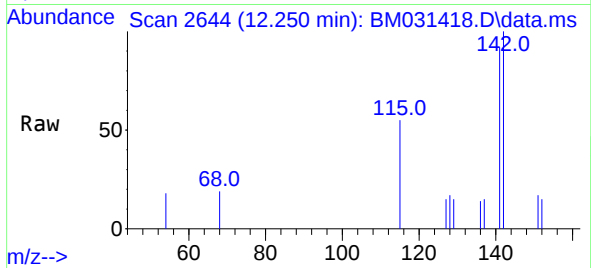
#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

Tgt Ion:142 Resp: 529
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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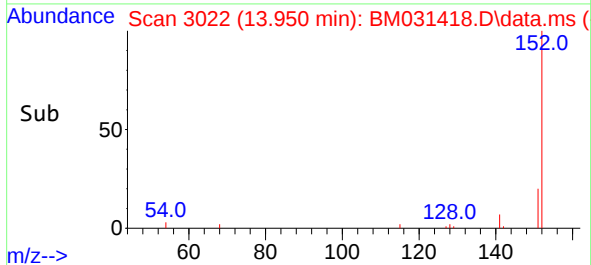
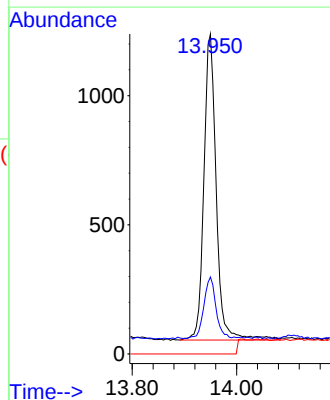
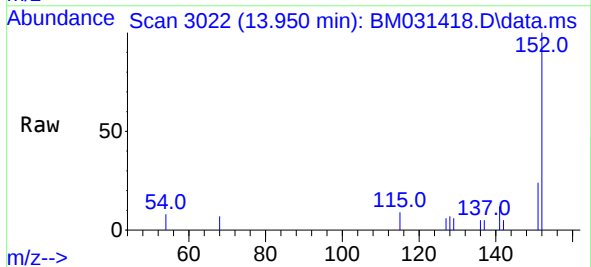
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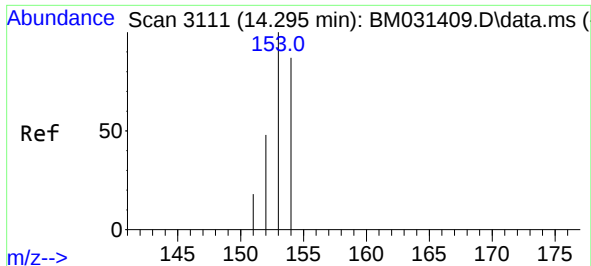
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#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

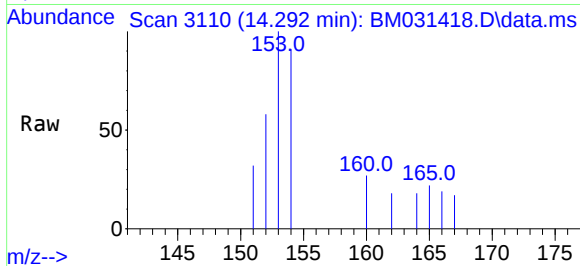
Tgt Ion:152 Resp: 1820
Ion Ratio Lower Upper
152 100
151 24.1 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.292 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

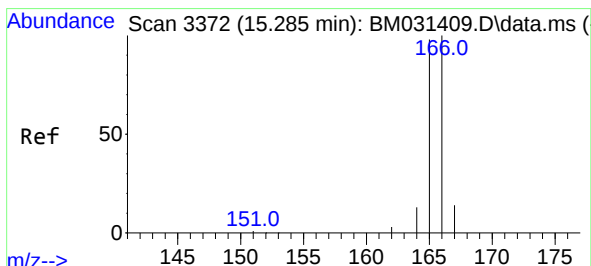
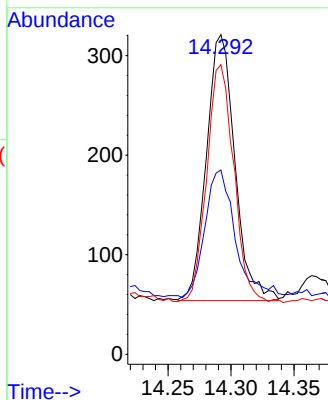
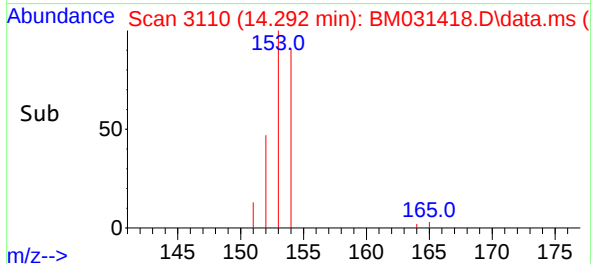
Instrument :
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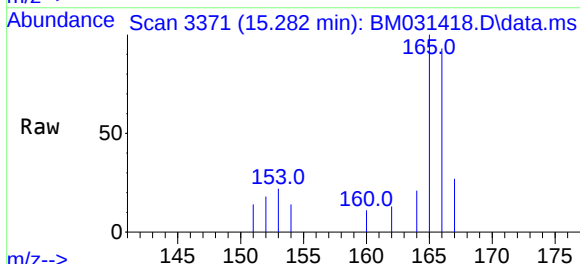
Tgt Ion:153 Resp: 421
Ion Ratio Lower Upper
153 100
152 57.6 40.7 61.1
154 90.7 70.2 105.2

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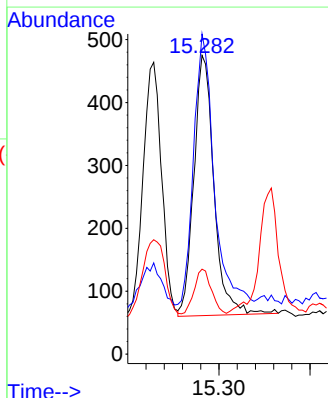
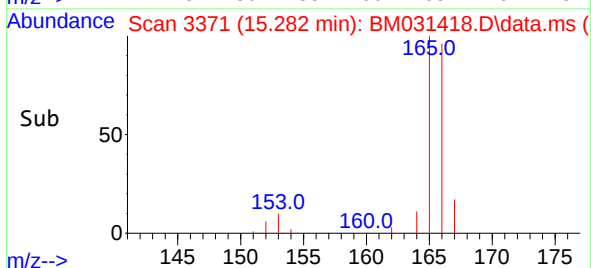
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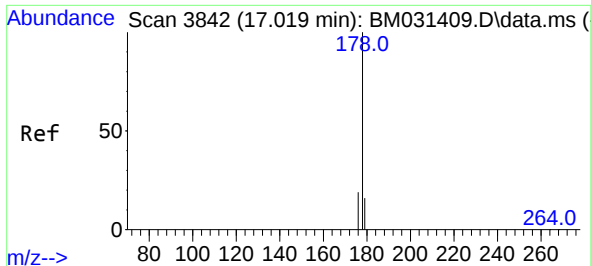


#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.282 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

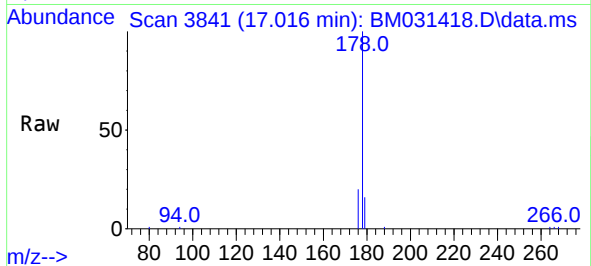


Tgt Ion:166 Resp: 634
Ion Ratio Lower Upper
166 100
165 107.2 78.0 117.0
167 28.4 12.0 18.0#

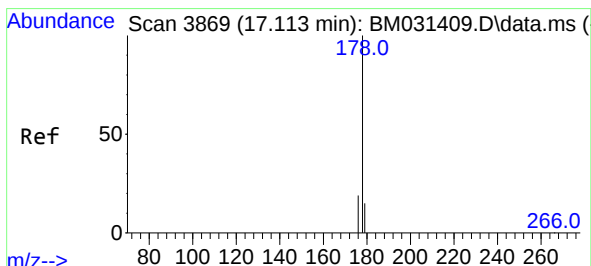
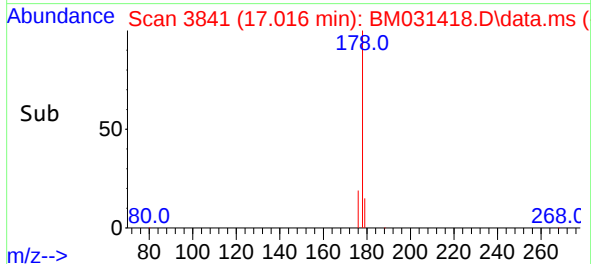
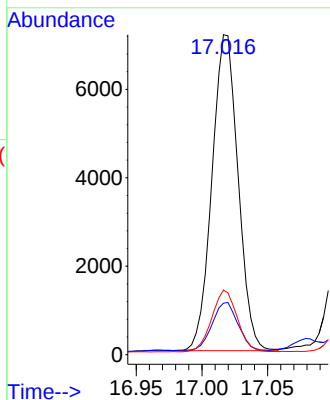




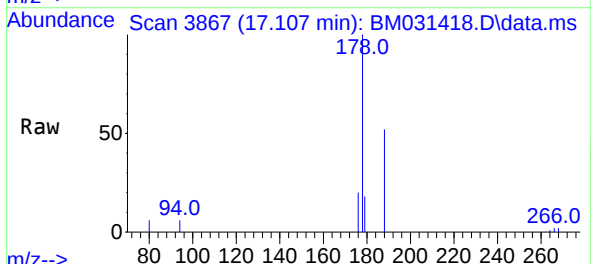
#15
Phenanthrene
Concen: 0.528 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



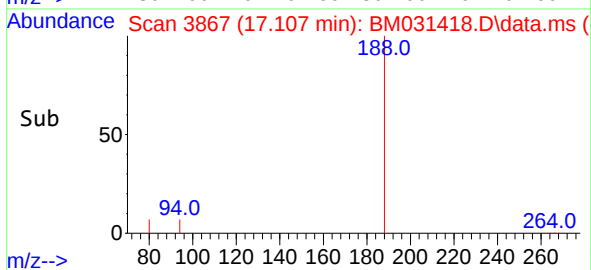
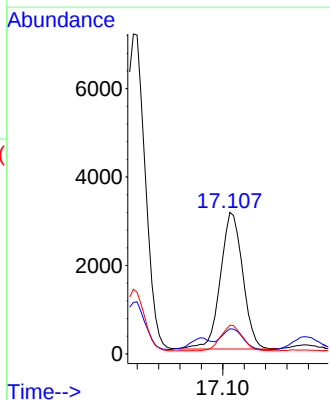
Tgt Ion:178 Resp: 9881
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 20.2 16.2 24.4



#16
Anthracene
Concen: 0.255 ng/ul
RT: 17.107 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



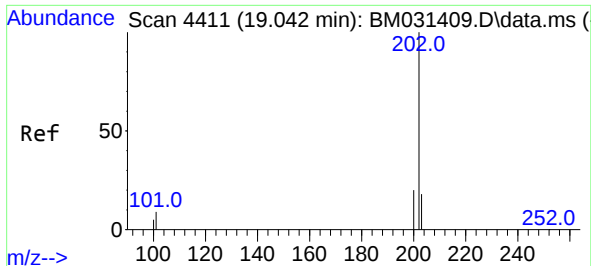
Tgt Ion:178 Resp: 4477
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.3 15.6 23.4



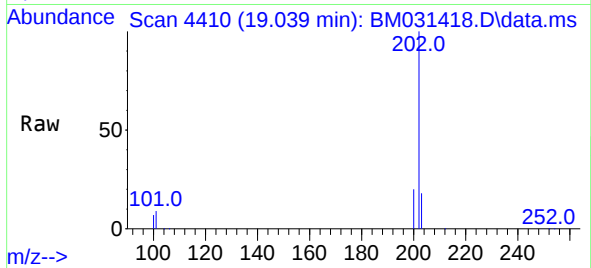
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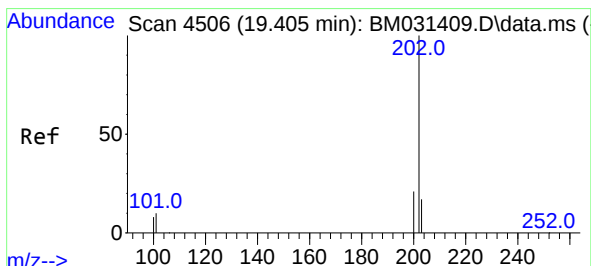
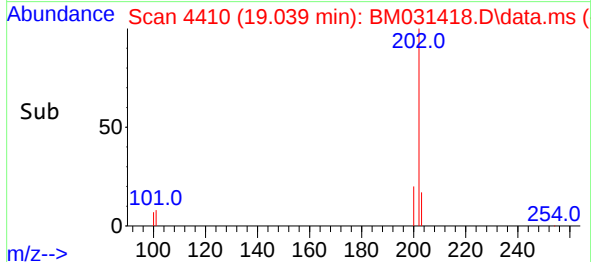
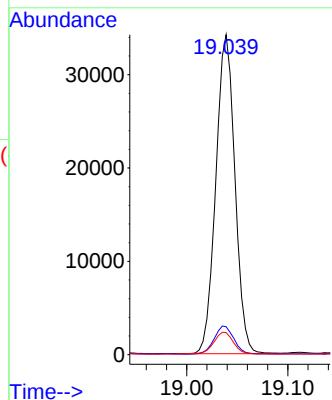
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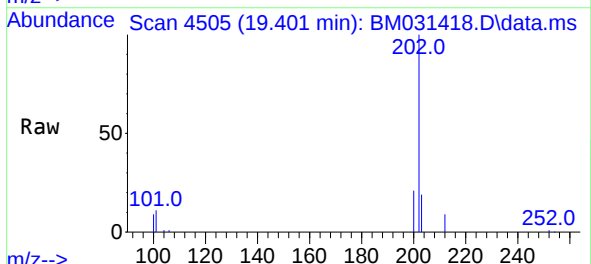
#19
Fluoranthene
Concen: 2.160 ng/u1
RT: 19.039 min Scan# 4410
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



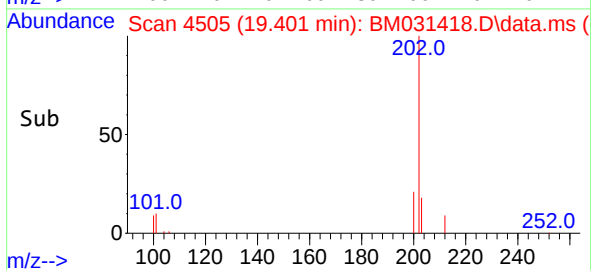
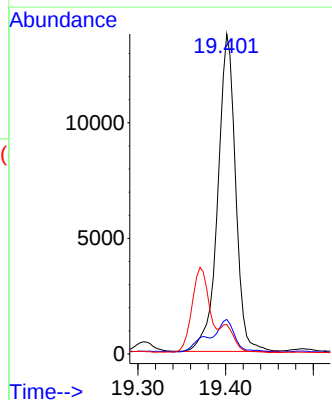
Tgt Ion:202 Resp: 44756
Ion Ratio Lower Upper
202 100
101 8.7 6.6 10.0
100 6.9 5.4 8.0



#20
Pyrene
Concen: 0.921 ng/u1
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



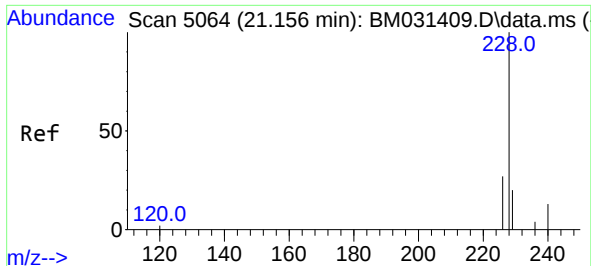
Tgt Ion:202 Resp: 19348
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.2 6.6 10.0



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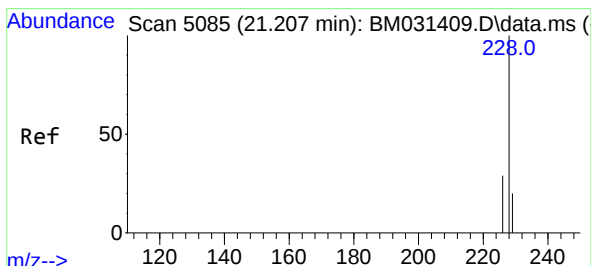
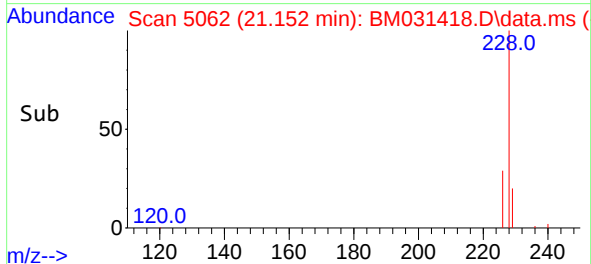
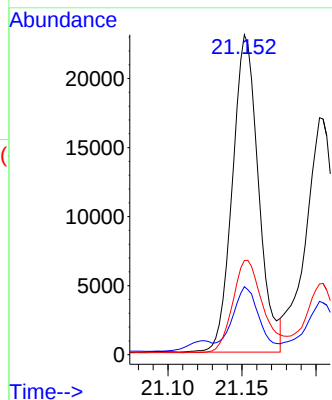
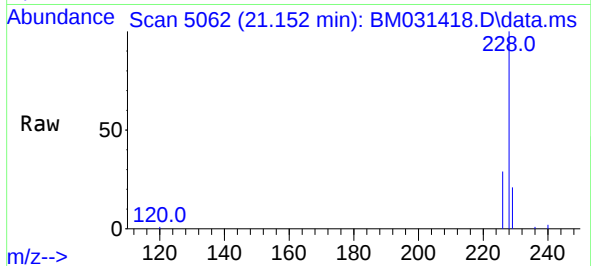
#21
Benzo(a)anthracene
Concen: 1.438 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.004 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

Tgt Ion:	228	Resp:	28186
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.6	23.4
226	29.4	21.7	32.5

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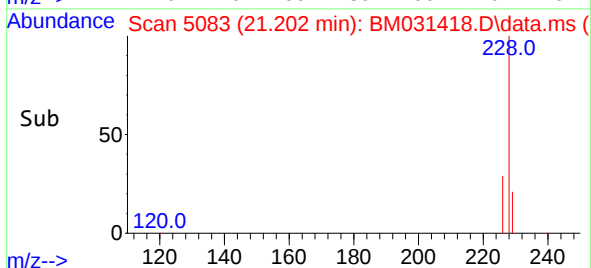
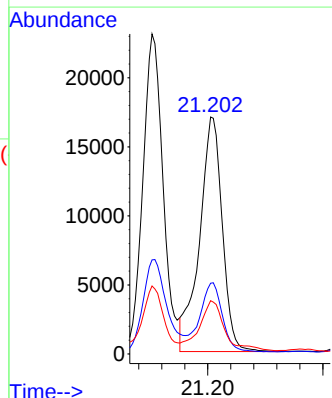
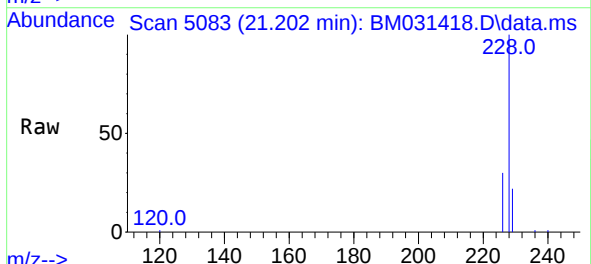
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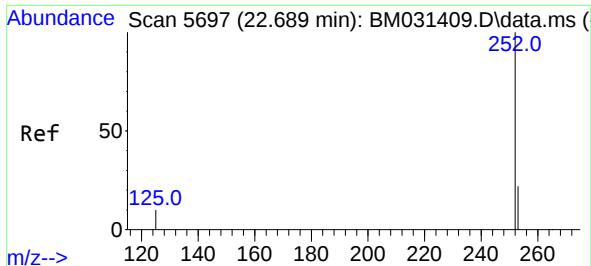
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#22
Chrysene
Concen: 1.152 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.004 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

Tgt Ion:	228	Resp:	23361
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	22.5	16.2	24.2





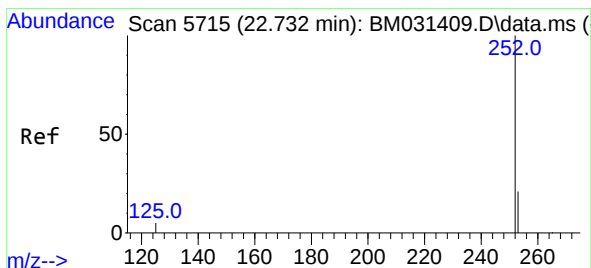
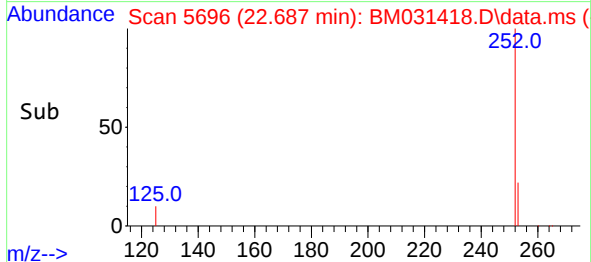
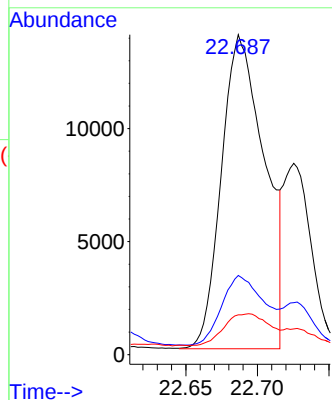
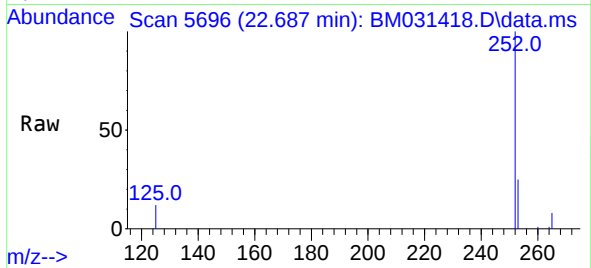
#24
Benzo(b)fluoranthene
Concen: 1.371 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.002 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

Tgt Ion:	252	Resp:	29178
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	53.0
125	12.4	0.0	22.8

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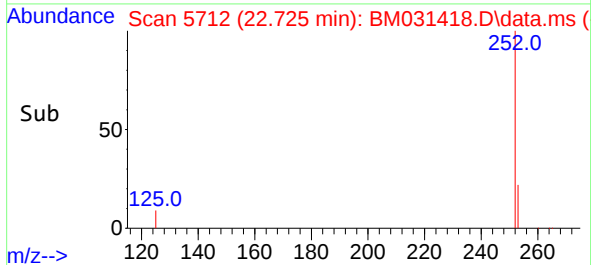
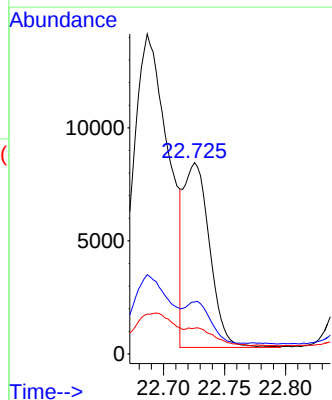
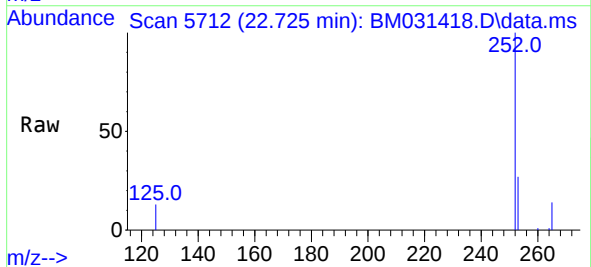
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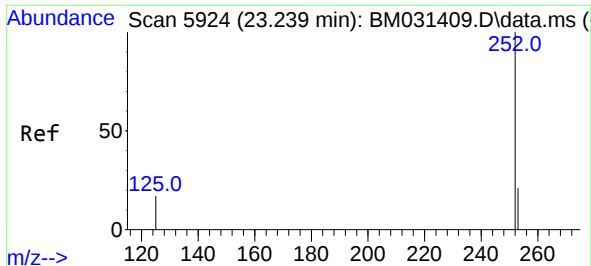
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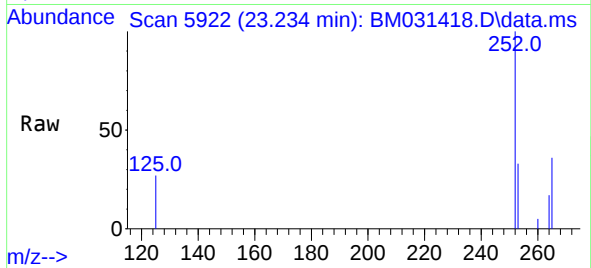
#25
Benzo(k)fluoranthene
Concen: 0.549 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.007 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07

Tgt Ion:	252	Resp:	12070
Ion Ratio	Lower	Upper	
252	100		
253	27.2	21.3	31.9
125	13.4	8.8	13.2#

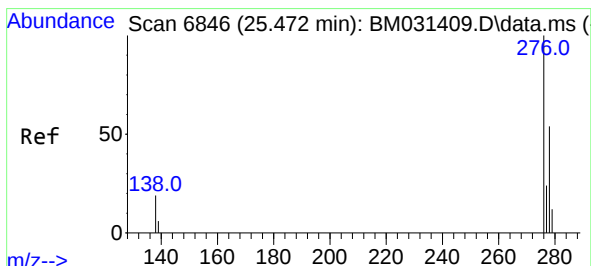
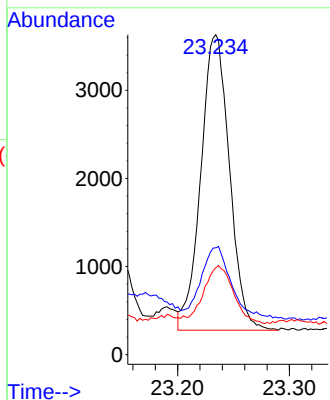
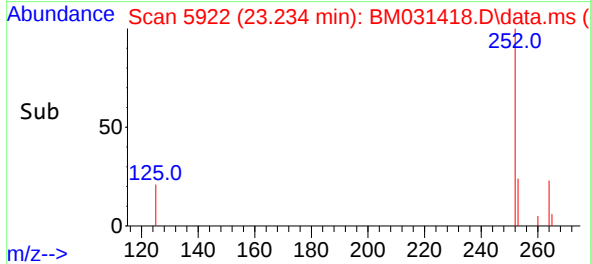




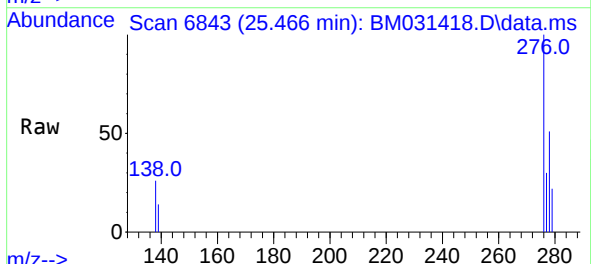
#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.004 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



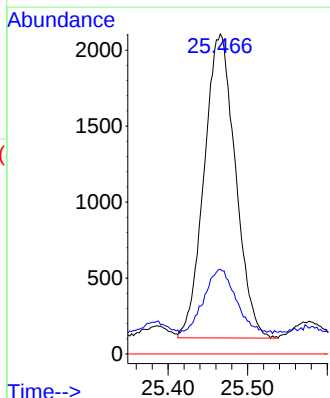
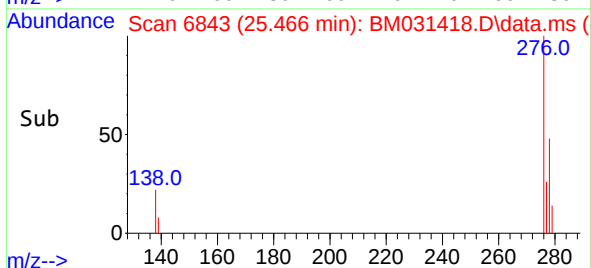
Tgt Ion:252 Resp: 5984
Ion Ratio Lower Upper
252 100
253 33.4 22.4 33.6
125 27.1 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.227 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.007 min
Lab File: BM031418.D
Acq: 03 Aug 2021 19:07



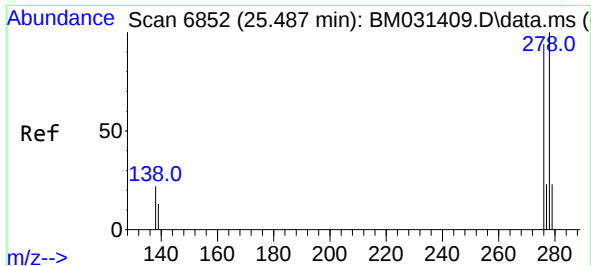
Tgt Ion:276 Resp: 5458
Ion Ratio Lower Upper
276 100
138 21.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGEN9

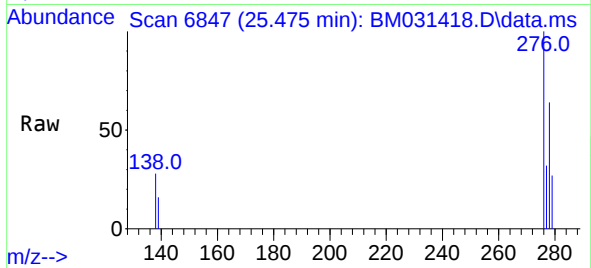
Manual Integrations
APPROVED

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#28
 Dibenzo(a,h)anthracene
 Concen: 0.177 ng/ul
 RT: 25.475 min Scan# 6847
 Delta R.T. -0.012 min
 Lab File: BM031418.D
 Acq: 03 Aug 2021 19:07

Instrument :
 BNA_M
 ClientSampleId :
 BGEN9



Tgt Ion: 278 Resp: 3440
 Ion Ratio Lower Upper
 278 100
 139 25.6 13.3 19.9#
 279 42.0 22.8 34.2#

Manual Integrations
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