

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031199.D
 Acq On : 27 Jul 2021 14:47
 Operator : CG/JU
 Sample : M3082-03DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003DL

Manual Integrations
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 7/28/2021 11:31:49 AM

Quant Time: Jul 27 15:17:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 27 12:13:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	2267	0.40	ng/ul	0.00
4) Naphthalene-d8	10.392	136	9632	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.258	164	6698	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	13677	0.40	ng/ul #	0.00
17) Chrysene-d12	21.195	240	10996	0.40	ng/ul #	0.00
23) Perylene-d12	23.370	264	9152	0.40	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	850	0.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.984	152	502	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	1425	0.04	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	16607	0.58	ng/ul	97
7) 2-Methylnaphthalene	12.061	142	15128	0.73	ng/ul	100
8) 1-Methylnaphthalene	12.281	142	13744	0.68	ng/ul	100
10) Acenaphthylene	13.981	152	14184	0.52	ng/ul	97
11) Acenaphthene	14.322	153	6218	0.26	ng/ul	99
12) Fluorene	15.312	166	23119	0.81	ng/ul#	95
15) Phenanthrene	17.048	178	97615	2.25	ng/ul	99
16) Anthracene	17.134	178	27467	0.67	ng/ul	99
19) Fluoranthene	19.062	202	86796	1.96	ng/ul#	92
20) Pyrene	19.428	202	69337	1.53	ng/ul#	93
21) Benzo(a)anthracene	21.181	228	32198	0.73	ng/ul#	78
22) Chrysene	21.231	228	47562	1.00	ng/ul#	89
24) Benzo(b)fluoranthene	22.721	252	33452m	0.78	ng/ul	
25) Benzo(k)fluoranthene	22.762	252	9609m	0.22	ng/ul	
26) Benzo(a)pyrene	23.273	252	17278	0.46	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.517	276	10540	0.22	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.531	278	3580	0.09	ng/ul#	30
29) Benzo(g,h,i)perylene	26.178	276	1733	0.04	ng/ul#	43

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

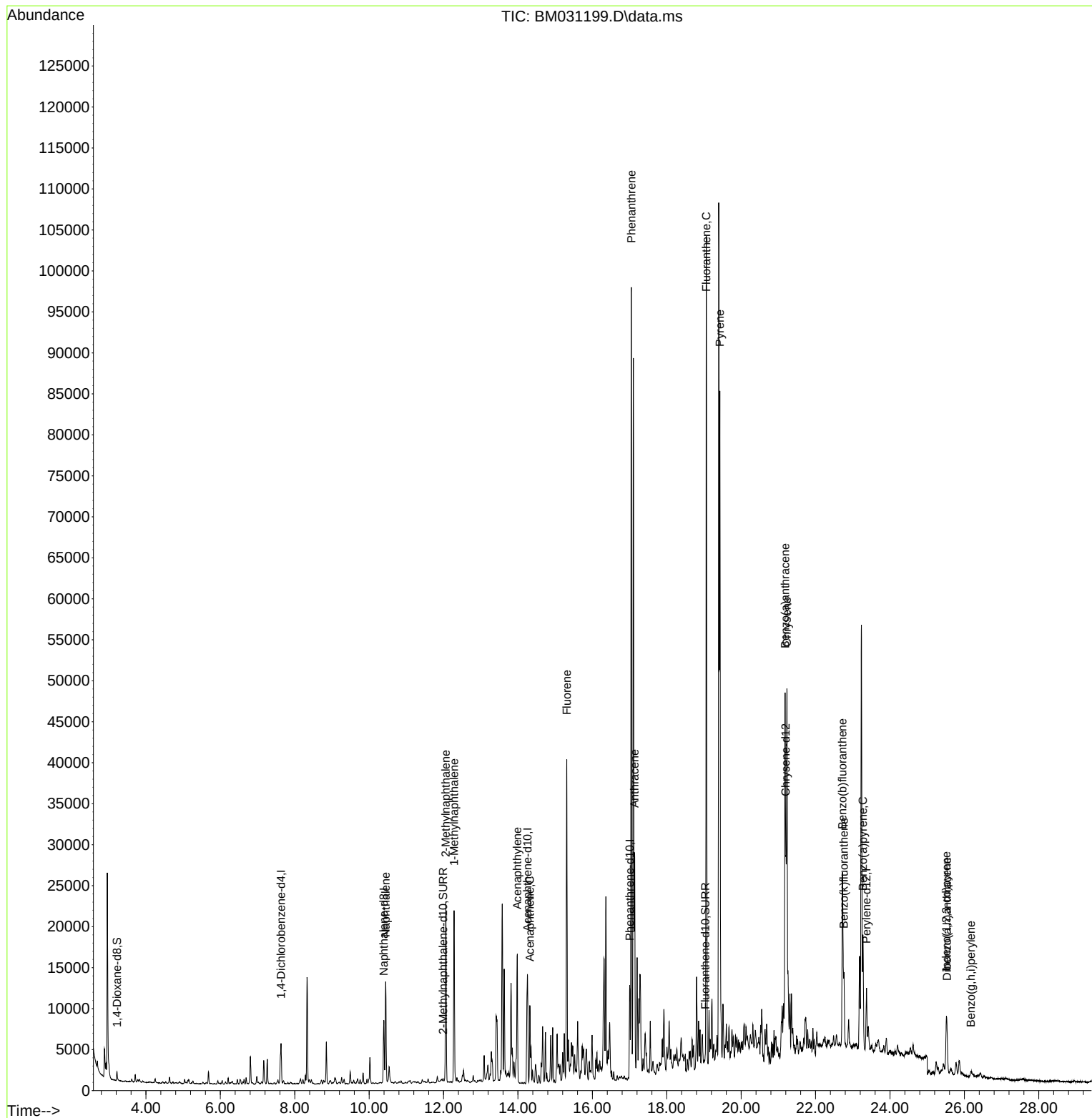
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031199.D
Acq On : 27 Jul 2021 14:47
Operator : CG/JU
Sample : M3082-03DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

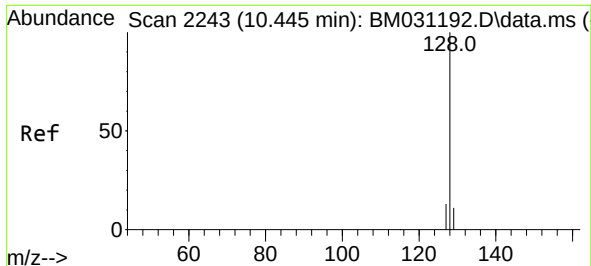
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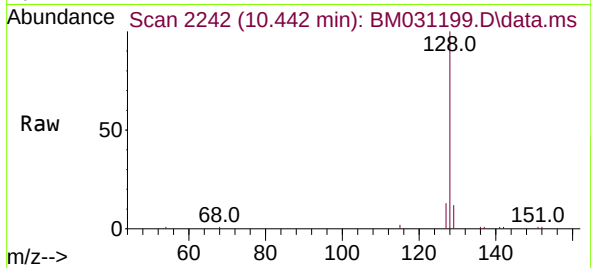
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
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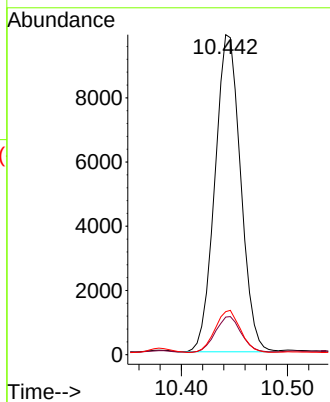
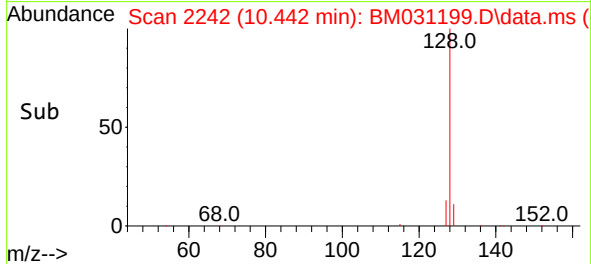




#5
Naphthalene
Concen: 0.58 ng/ul
RT: 10.442 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47



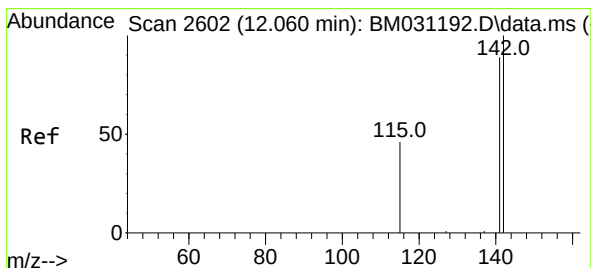
Tgt Ion:128 Resp: 16607
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.4
127 13.4 11.8 17.8



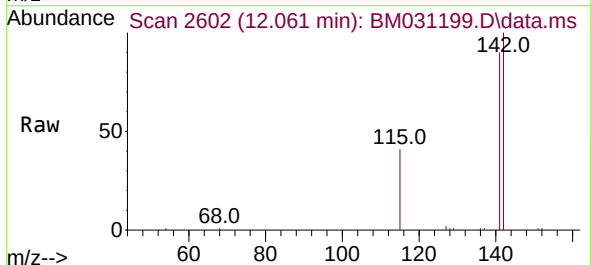
Instrument :
BNA_M
ClientSampled :
C0003DL

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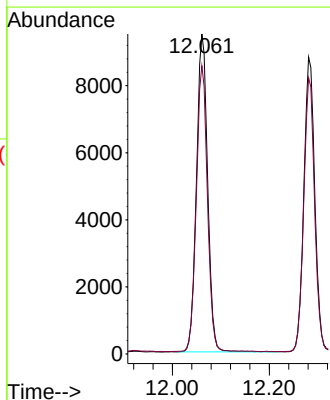
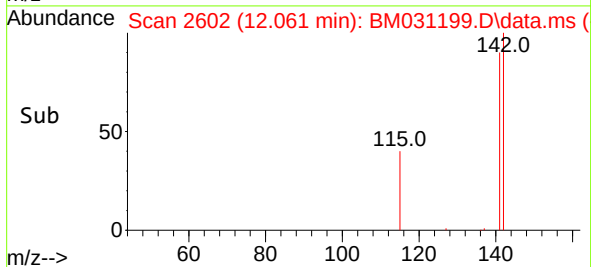
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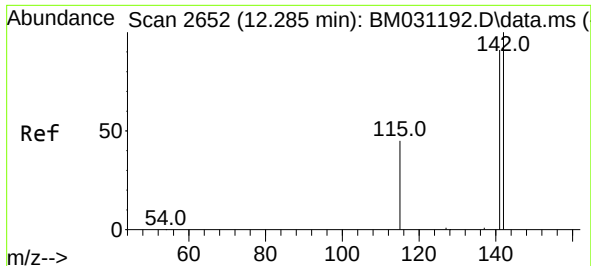


#7
2-Methylnaphthalene
Concen: 0.73 ng/ul
RT: 12.061 min Scan# 2602
Delta R.T. 0.001 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47



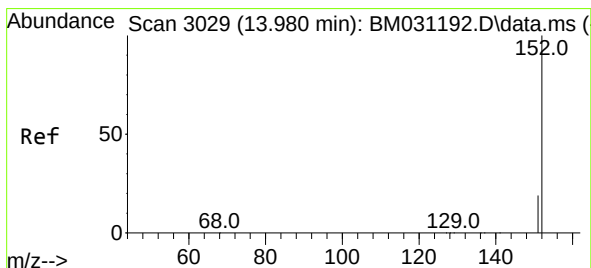
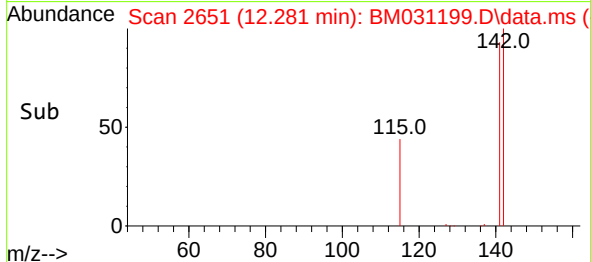
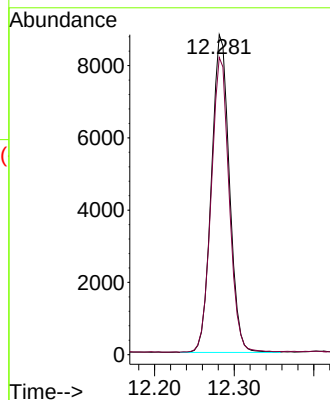
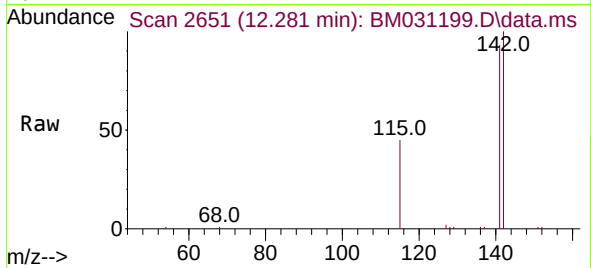
Tgt Ion:142 Resp: 15128
Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3





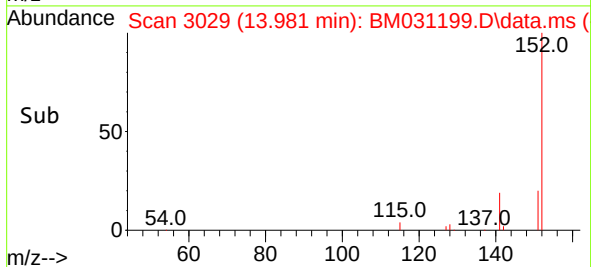
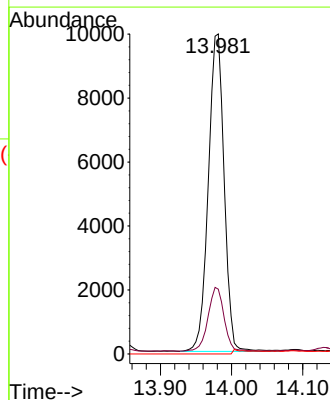
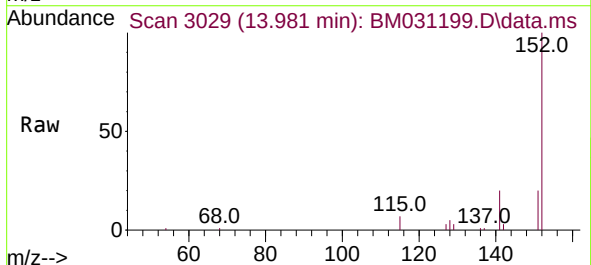
#8
1-Methylnaphthalene
Concen: 0.68 ng/ul
RT: 12.281 min Scan# 2651
Delta R.T. -0.003 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:142 Resp: 13744
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.52 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.001 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

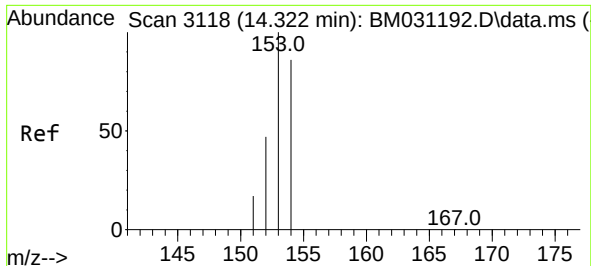
Tgt Ion:152 Resp: 14184
Ion Ratio Lower Upper
152 100
151 20.3 17.5 26.3
153 0.0 0.0 0.0



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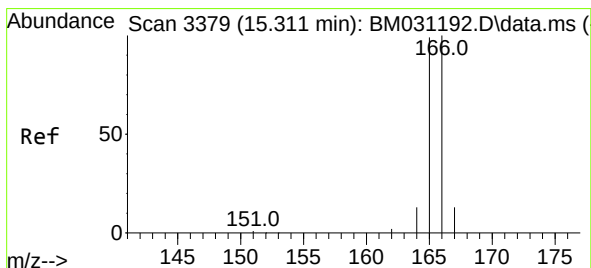
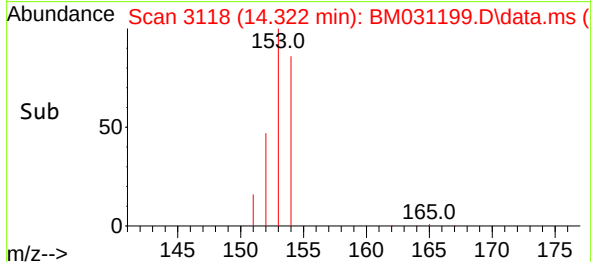
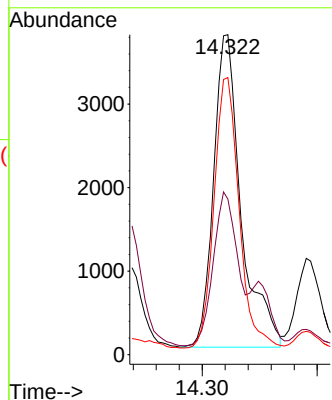
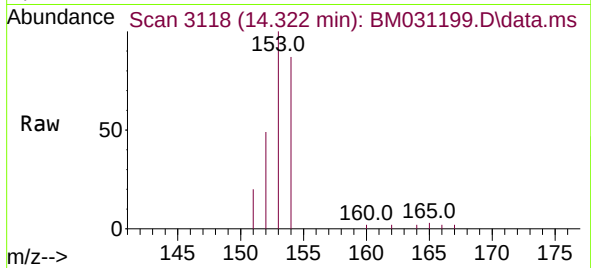
#11
Acenaphthene
Concen: 0.26 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:153 Resp: 6218
Ion Ratio Lower Upper
153 100
152 48.6 39.4 59.2
154 86.6 68.2 102.4

Instrument :
BNA_M
ClientSampled :
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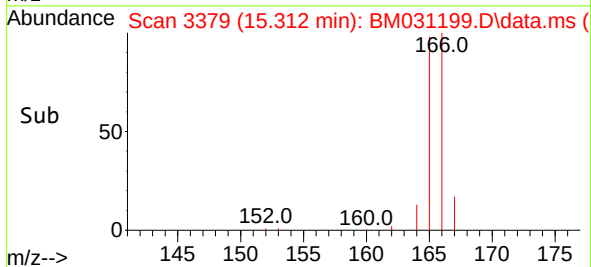
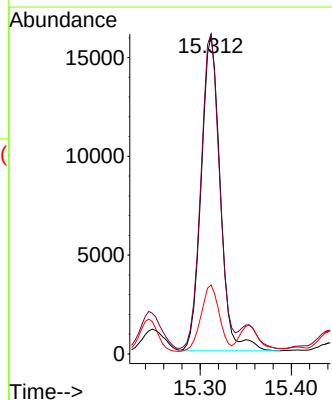
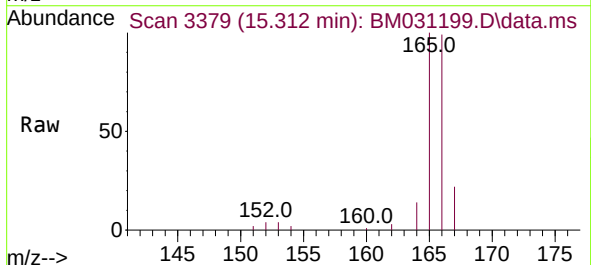
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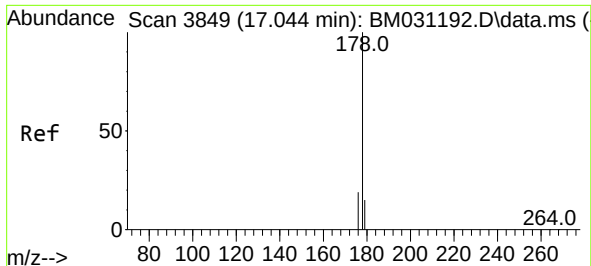
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#12
Fluorene
Concen: 0.81 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

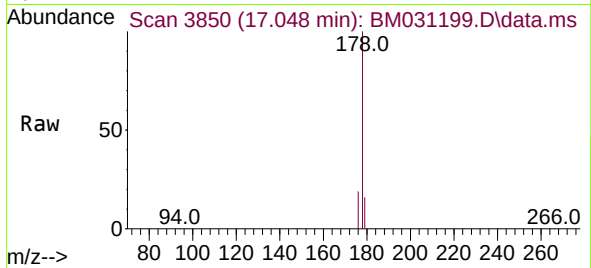
Tgt Ion:166 Resp: 23119
Ion Ratio Lower Upper
166 100
165 100.5 78.2 117.2
167 21.7 12.3 18.5#





#15
Phenanthrene
Concen: 2.25 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. 0.004 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

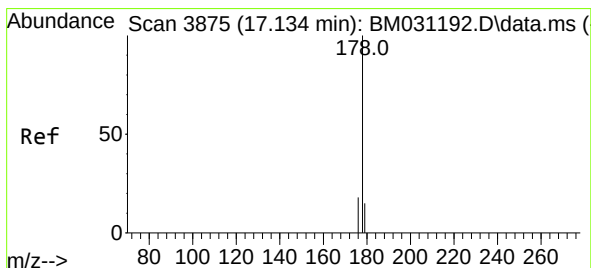
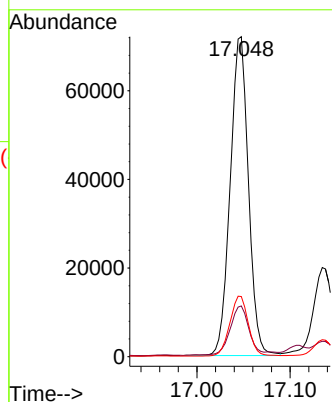
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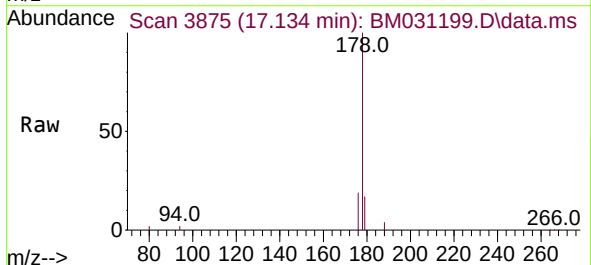
Tgt Ion:178 Resp: 97615
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 18.8 15.4 23.2

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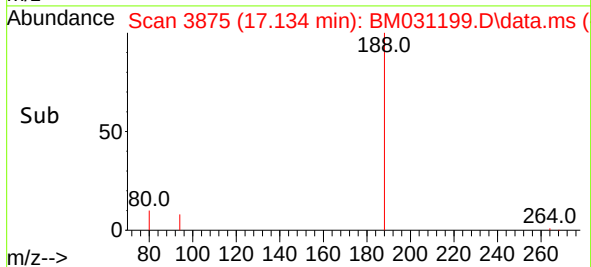
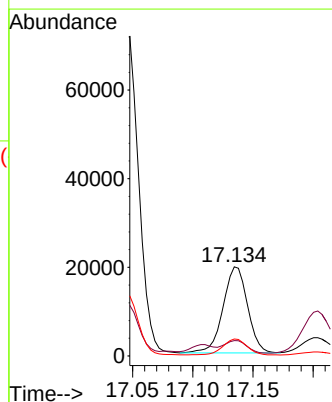
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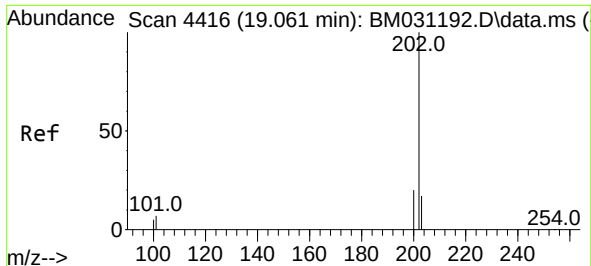


#16
Anthracene
Concen: 0.67 ng/ul
RT: 17.134 min Scan# 3875
Delta R.T. 0.000 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

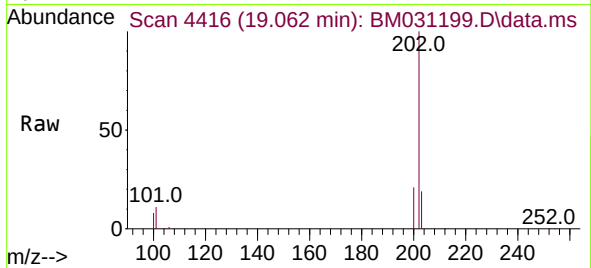


Tgt Ion:178 Resp: 27467
Ion Ratio Lower Upper
178 100
179 17.2 13.8 20.8
176 19.1 15.7 23.5

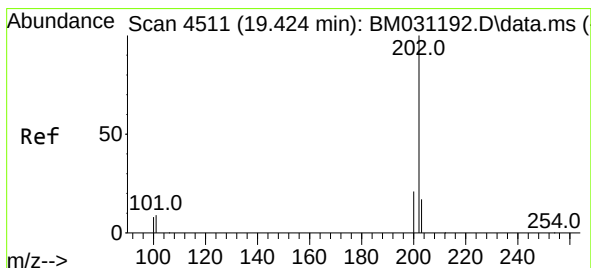
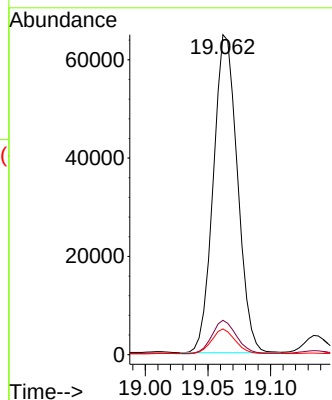
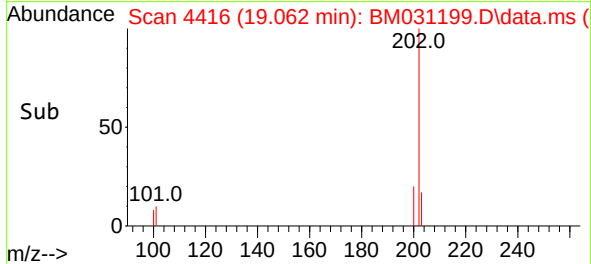




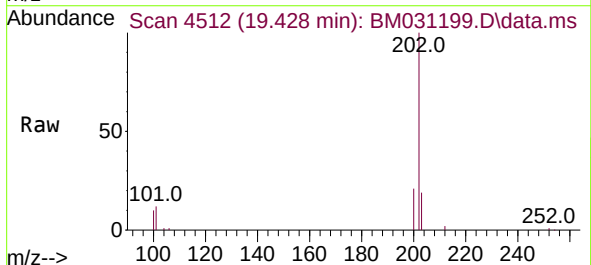
#19
Fluoranthene
Concen: 1.96 ng/ul
RT: 19.062 min Scan# 4416
Delta R.T. 0.000 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47



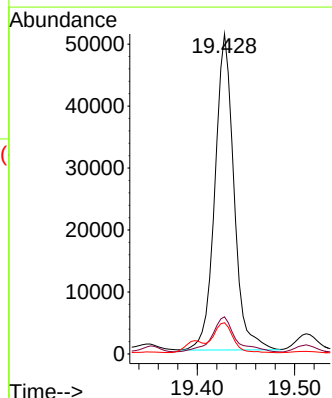
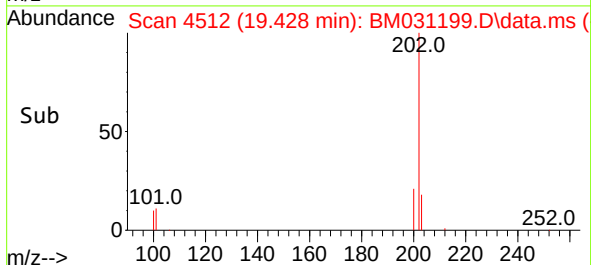
Tgt Ion:202 Resp: 86796
Ion Ratio Lower Upper
202 100
101 10.8 6.0 9.0#
100 8.1 4.8 7.2#



#20
Pyrene
Concen: 1.53 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.004 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47



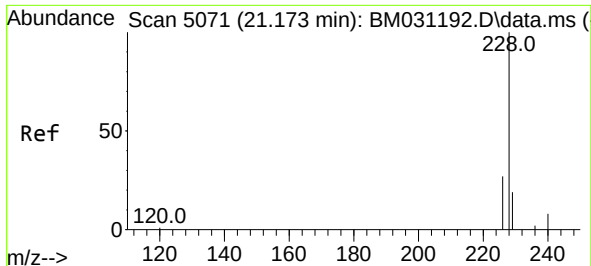
Tgt Ion:202 Resp: 69337
Ion Ratio Lower Upper
202 100
101 11.6 7.4 11.0#
100 9.8 6.0 9.0#



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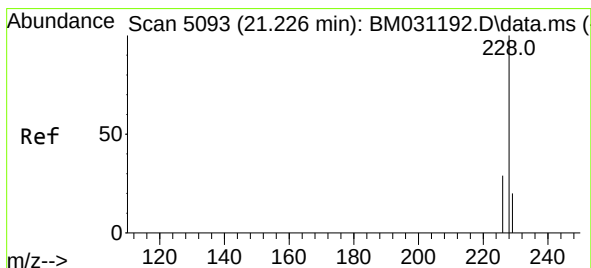
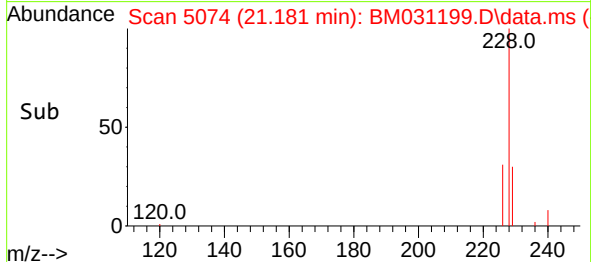
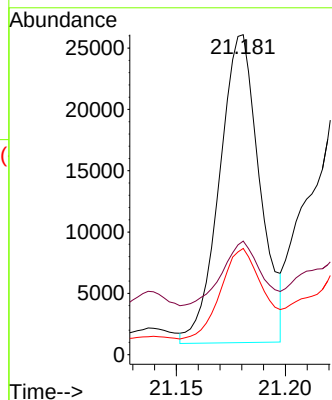
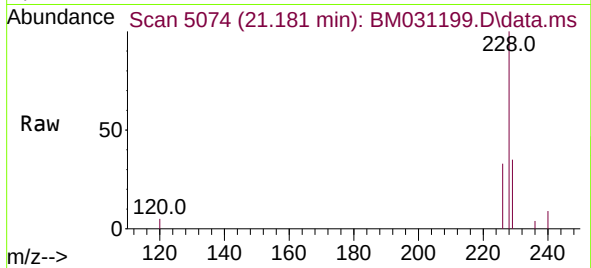
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Benzo(a)anthracene
Concen: 0.73 ng/ul
RT: 21.181 min Scan# 5074
Delta R.T. 0.008 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:228 Resp: 32198
Ion Ratio Lower Upper
228 100
229 35.5 16.0 24.0#
226 33.2 21.4 32.2#

Instrument :
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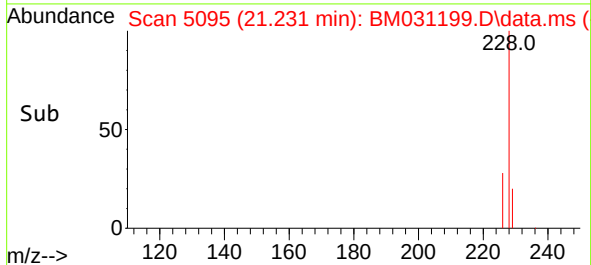
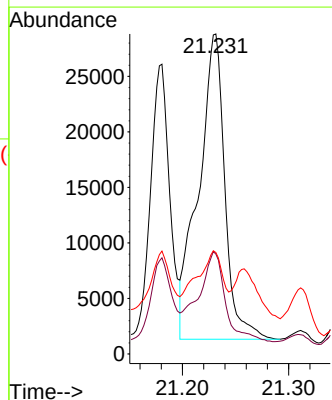
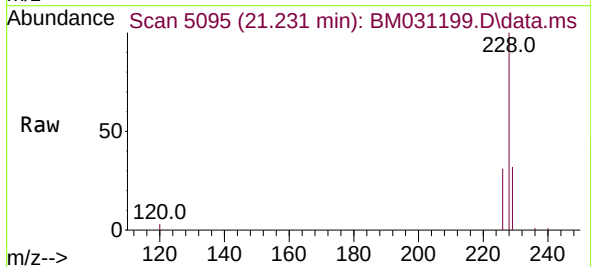
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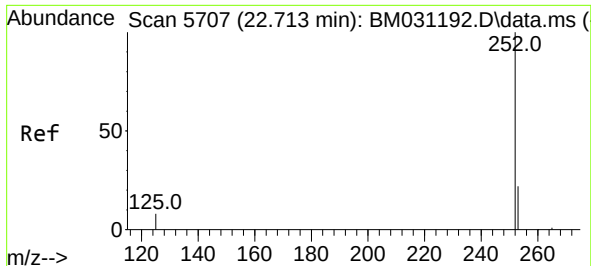
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#22
Chrysene
Concen: 1.00 ng/ul
RT: 21.231 min Scan# 5095
Delta R.T. 0.005 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:228 Resp: 47562
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 31.7 15.8 23.8#





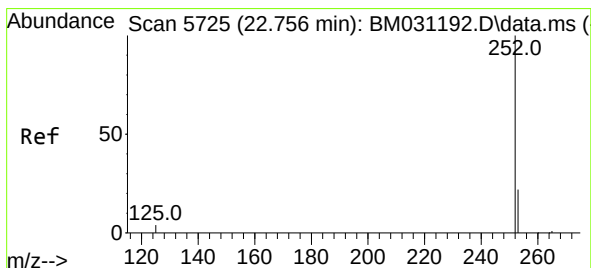
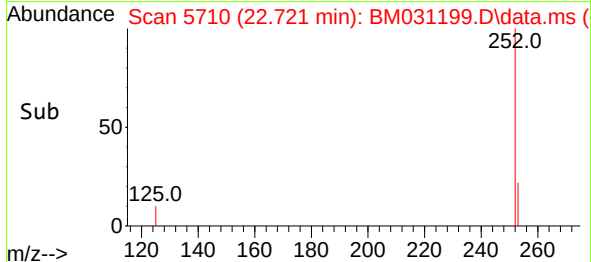
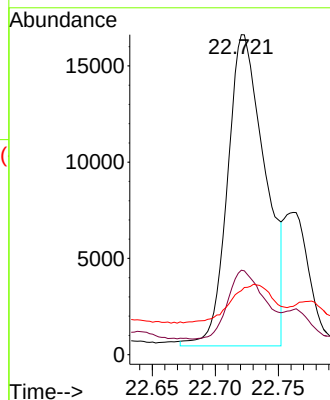
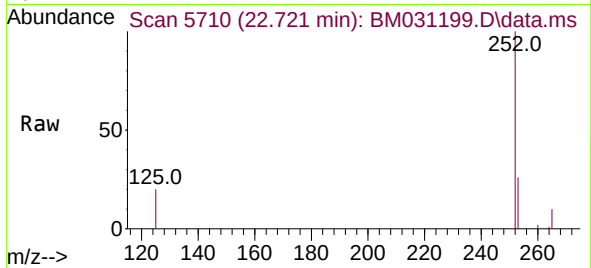
#24
Benzo(b)fluoranthene
Concen: 0.78 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:	252	Resp:	33452
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	52.8
125	20.0	0.0	20.2

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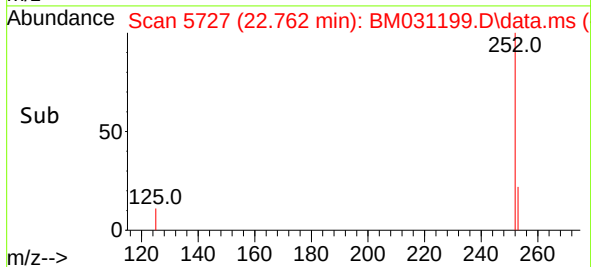
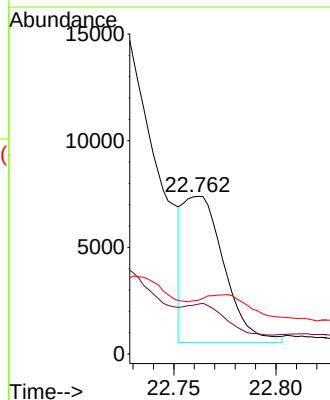
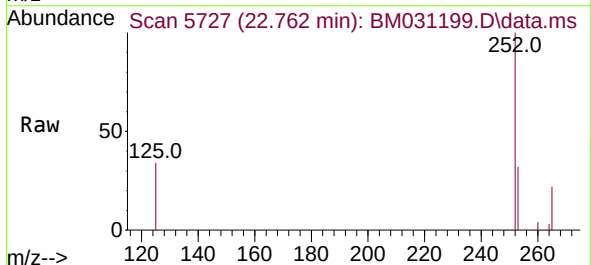
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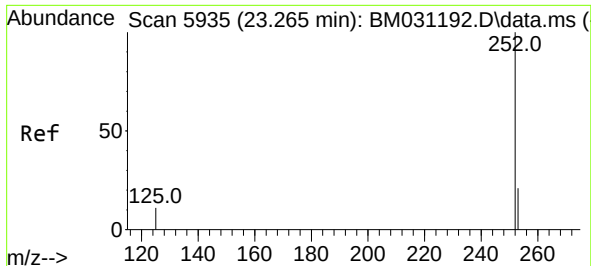
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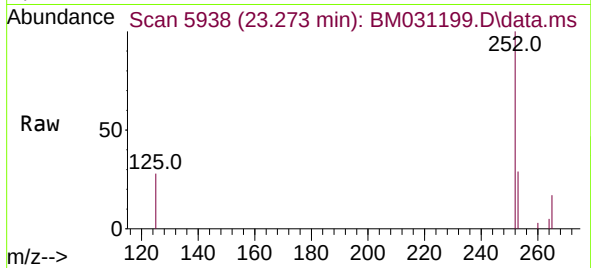
#25
Benzo(k)fluoranthene
Concen: 0.22 ng/ul m
RT: 22.762 min Scan# 5727
Delta R.T. 0.005 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:	252	Resp:	9609
Ion Ratio	Lower	Upper	
252	100		
253	31.6	21.6	32.4
125	34.0	8.6	13.0#

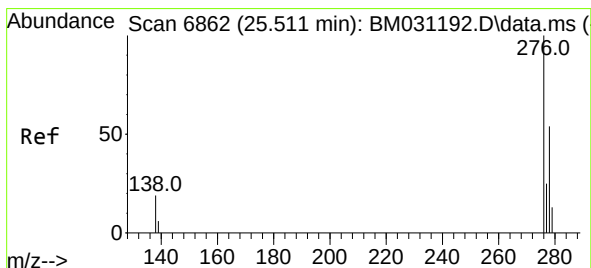
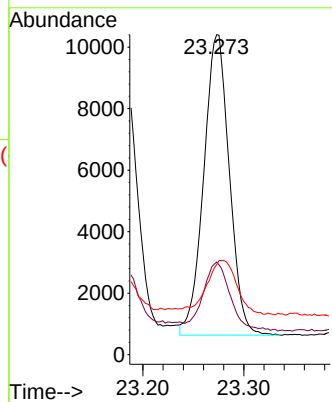
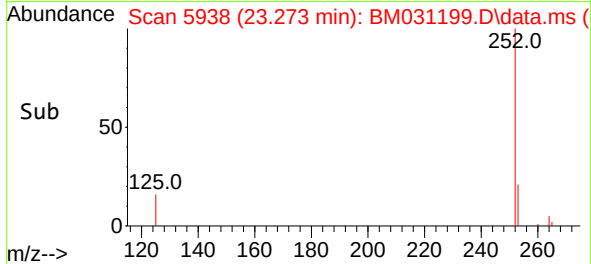




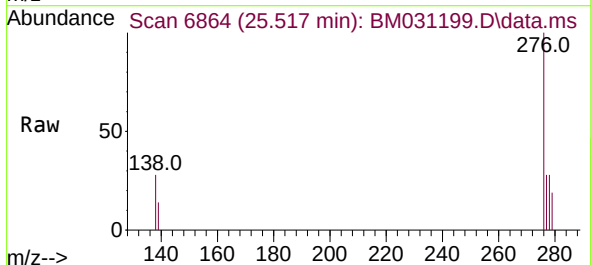
#26
Benzo(a)pyrene
Concen: 0.46 ng/ul
RT: 23.273 min Scan# 5938
Delta R.T. 0.008 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47



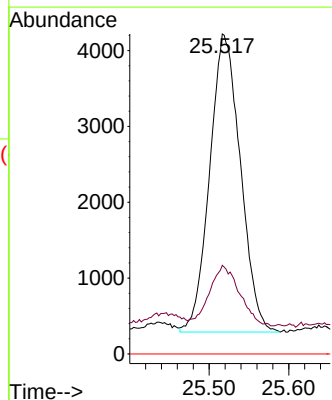
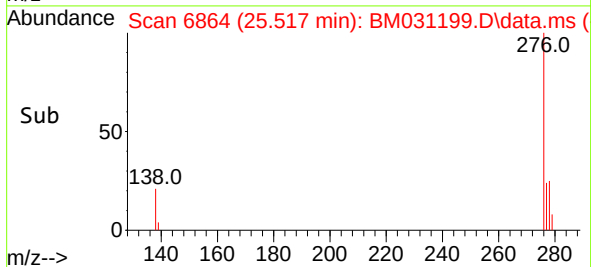
Tgt Ion:252 Resp: 17278
Ion Ratio Lower Upper
252 100
253 28.9 23.1 34.7
125 28.1 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng/ul
RT: 25.517 min Scan# 6864
Delta R.T. 0.005 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47



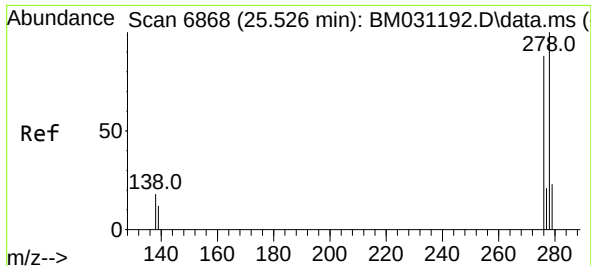
Tgt Ion:276 Resp: 10540
Ion Ratio Lower Upper
276 100
138 19.7 15.4 23.0
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C0003DL

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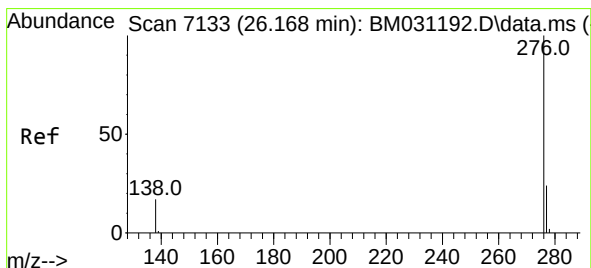
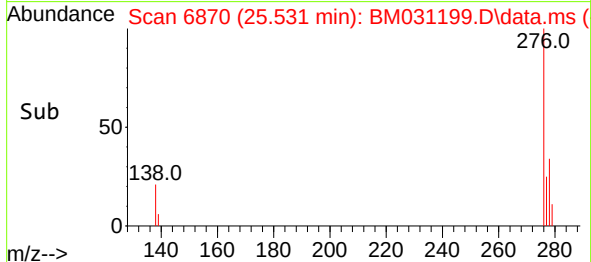
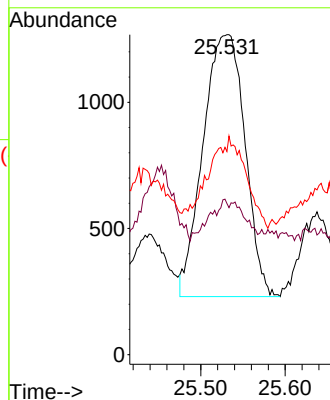
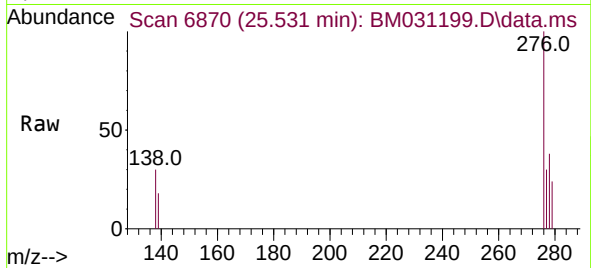
#28
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.531 min Scan# 6870
Delta R.T. 0.005 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:278 Resp: 3580
Ion Ratio Lower Upper
278 100
139 47.2 12.6 18.8#
279 63.5 22.6 34.0#

Instrument :
BNA_M
ClientSampleID :
C0003DL

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#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.178 min Scan# 7137
Delta R.T. 0.010 min
Lab File: BM031199.D
Acq: 27 Jul 2021 14:47

Tgt Ion:276 Resp: 1733
Ion Ratio Lower Upper
276 100
138 51.1 14.0 21.0#
277 46.6 19.9 29.9#

