

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031147.D
 Acq On : 25 Jul 2021 08:33
 Operator : CG/JU
 Sample : M2973-06
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB4

Manual Integrations
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Quant Time: Jul 26 04:00:56 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 : Mon Jul 26 03:04:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1609	0.40	ng/ul	0.00
4) Naphthalene-d8	10.397	136	6525	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	4609	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	9804	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.190	240	9165	0.40	ng/ul	0.00
23) Perylene-d12	23.360	264	8418	0.40	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	9899	5.86	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	4329	0.38	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	11820	0.42	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.446	128	983	0.05	ng/ul#	86
10) Acenaphthylene	13.981	152	454	0.02	ng/ul#	73
11) Acenaphthene	14.322	153	7021	0.42	ng/ul	98
12) Fluorene	15.312	166	4794	0.24	ng/ul	99
15) Phenanthrene	17.047	178	37335	1.20	ng/ul	99
16) Anthracene	17.138	178	10541	0.36	ng/ul	99
19) Fluoranthene	19.066	202	31504	0.85	ng/ul	96
20) Pyrene	19.428	202	25740	0.68	ng/ul#	95
21) Benzo(a)anthracene	21.173	228	11455	0.31	ng/ul	97
22) Chrysene	21.224	228	11673	0.29	ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	13598m	0.34	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	5753m	0.14	ng/ul	
26) Benzo(a)pyrene	23.265	252	10881	0.32	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.509	276	4840	0.11	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.516	278	1442	0.04	ng/ul#	55
29) Benzo(g,h,i)perylene	26.168	276	3760	0.10	ng/ul#	92

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

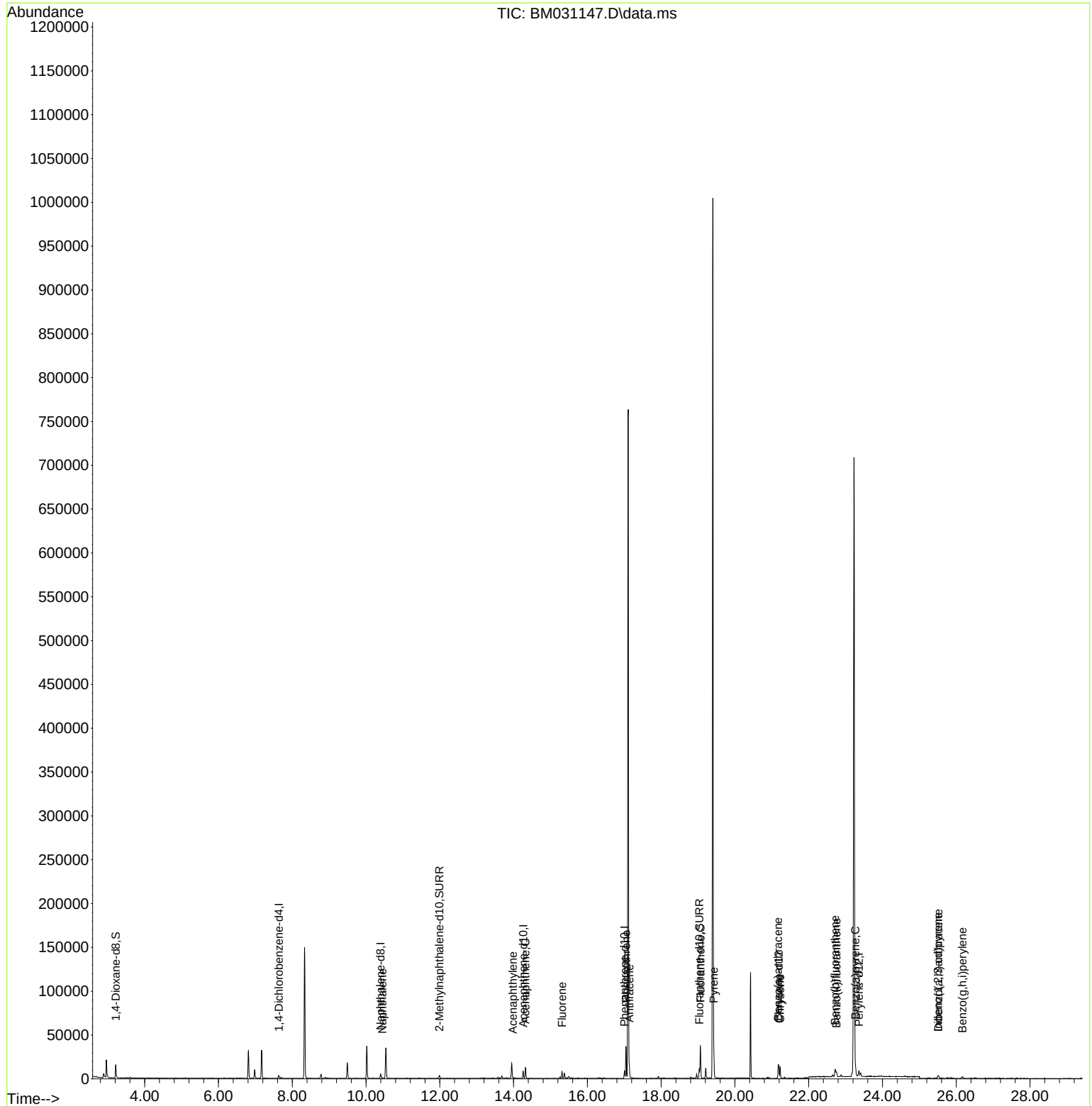
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Data File : BM031147.D
Acq On : 25 Jul 2021 08:33
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ALS Vial : 61 Sample Multiplier: 1

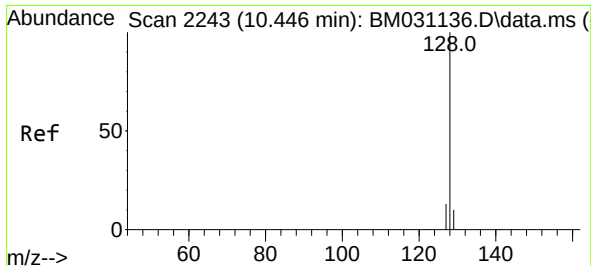
Instrument :
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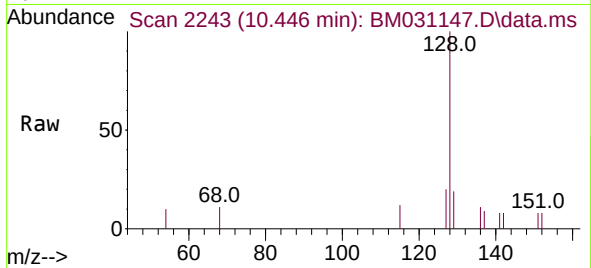
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Quant Time: Jul 26 04:00:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 03:04:43 2021
Response via : Initial Calibration

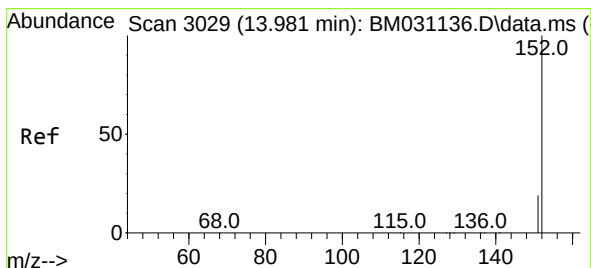
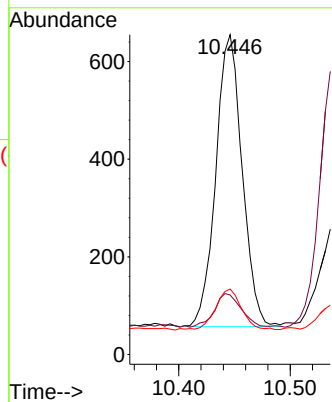
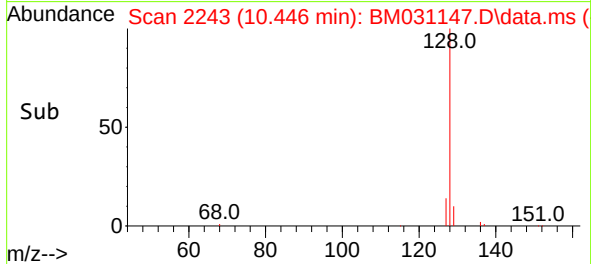




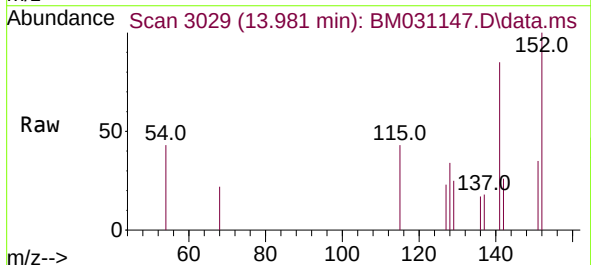
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33



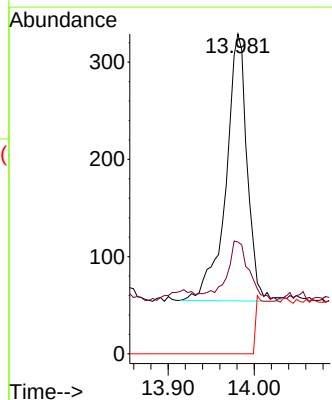
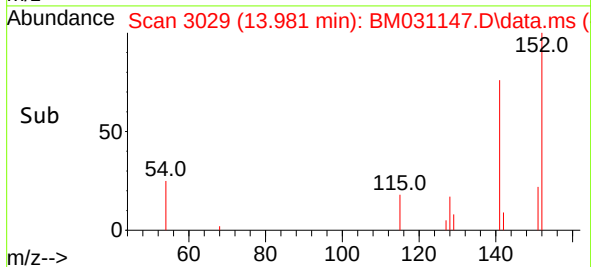
Tgt Ion:128 Resp: 983
Ion Ratio Lower Upper
128 100
129 18.6 10.2 15.4#
127 20.5 11.8 17.8#



#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33



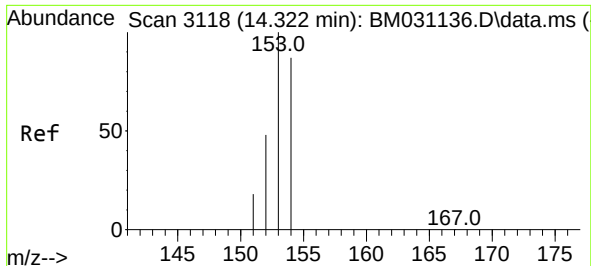
Tgt Ion:152 Resp: 454
Ion Ratio Lower Upper
152 100
151 35.0 17.5 26.3#
153 0.0 0.0 0.0



Instrument :
BNA_M
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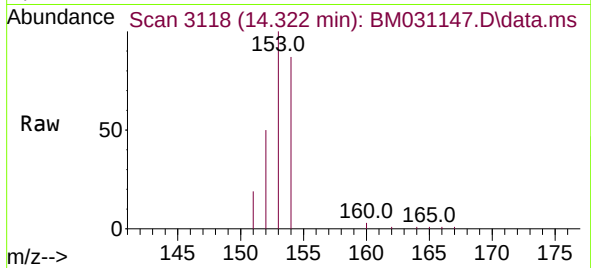
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#11
Acenaphthene
Concen: 0.42 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

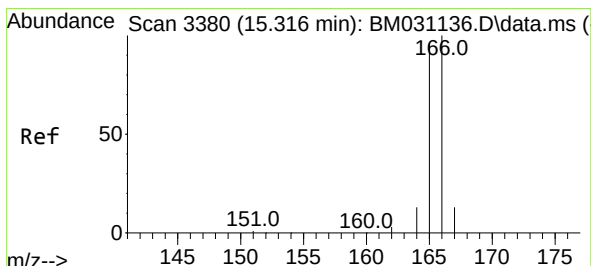
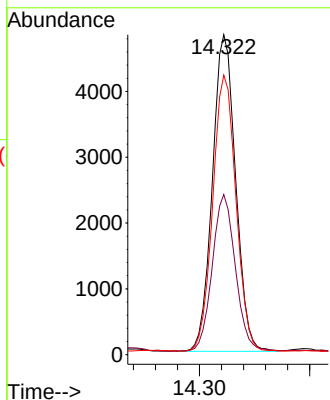
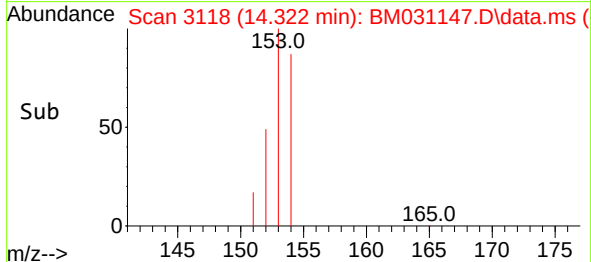
Instrument :
BNA_M
ClientSampleId :
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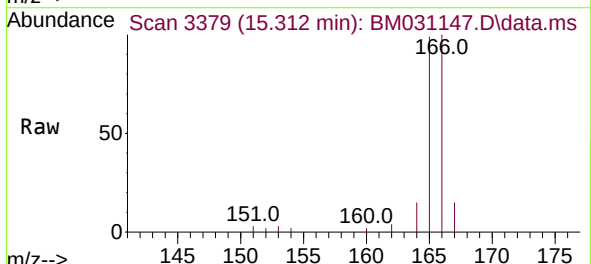
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Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.2
154 87.4 68.2 102.4

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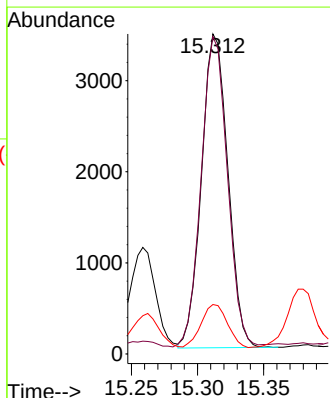
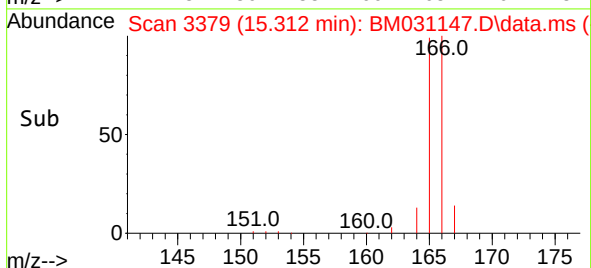
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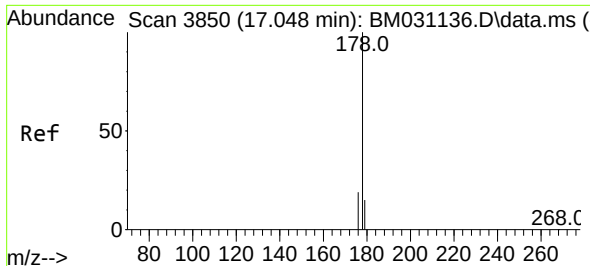


#12
Fluorene
Concen: 0.24 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33



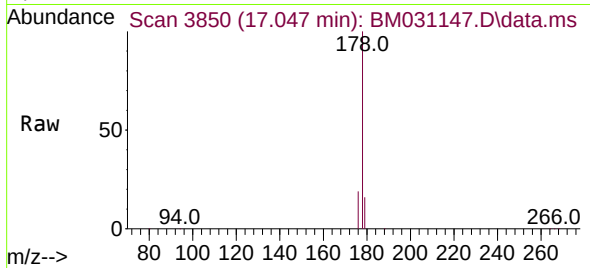
Tgt Ion:166 Resp: 4794
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 15.5 12.3 18.5





#15
Phenanthrene
Concen: 1.20 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

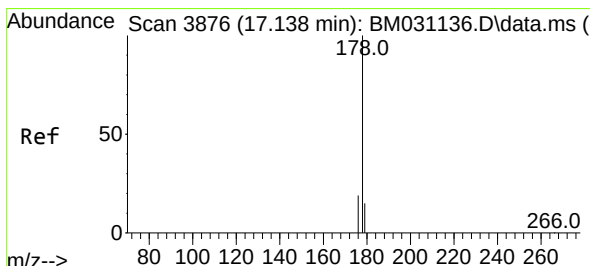
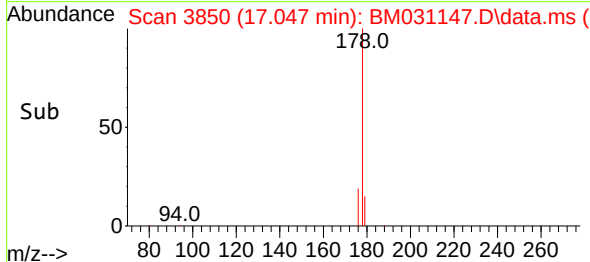
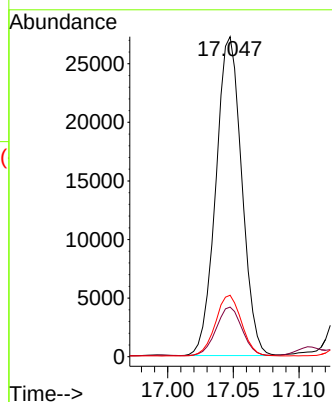
Instrument :
BNA_M
ClientSampled :
BGEb4



Tgt Ion:178 Resp: 37335
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.2 15.4 23.2

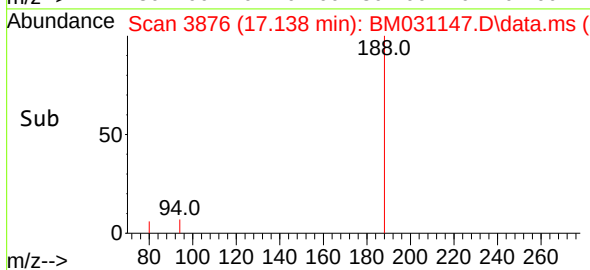
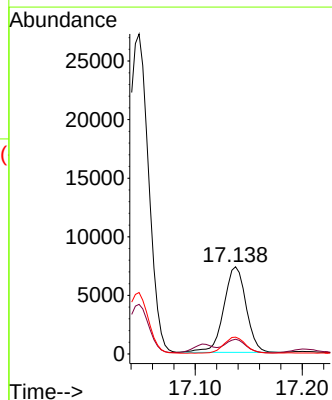
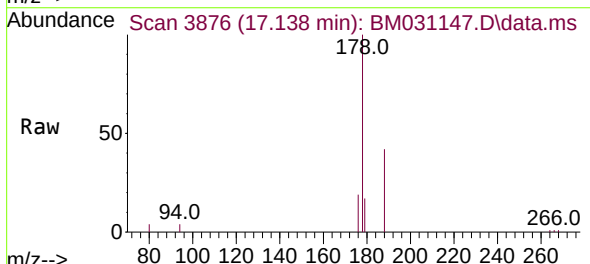
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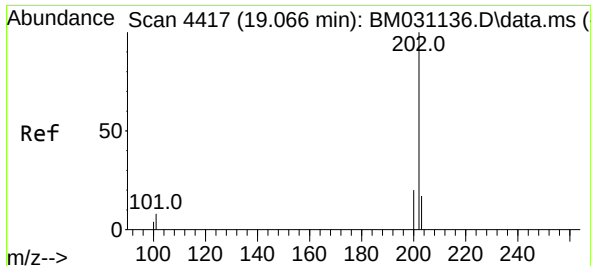
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#16
Anthracene
Concen: 0.36 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:178 Resp: 10541
Ion Ratio Lower Upper
178 100
179 16.9 13.8 20.8
176 19.3 15.7 23.5





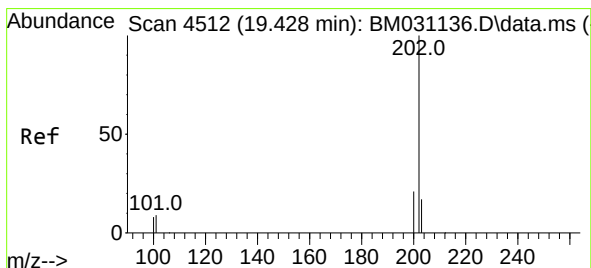
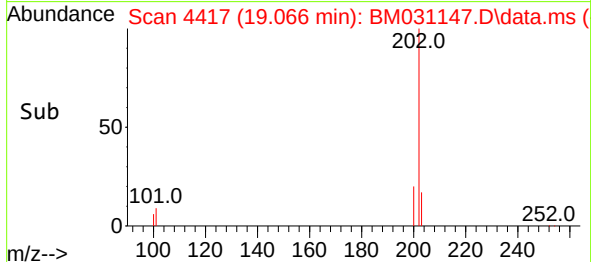
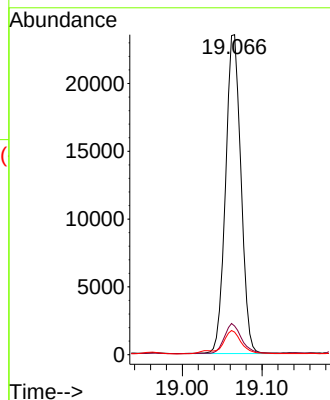
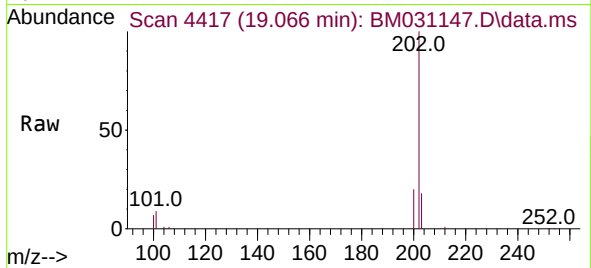
#19
Fluoranthene
Concen: 0.85 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:	202	Resp:	31504
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.0	9.0
100	7.0	4.8	7.2

Instrument :
BNA_M
ClientSampled :
BGEb4

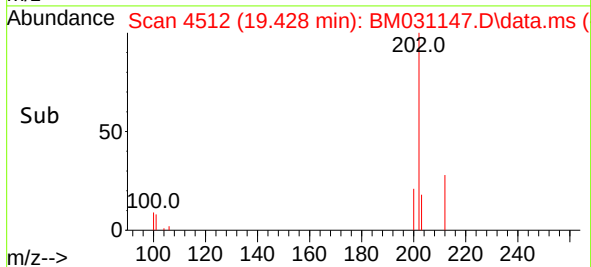
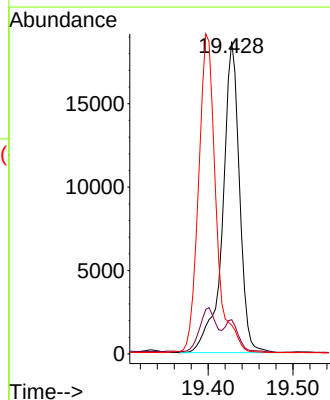
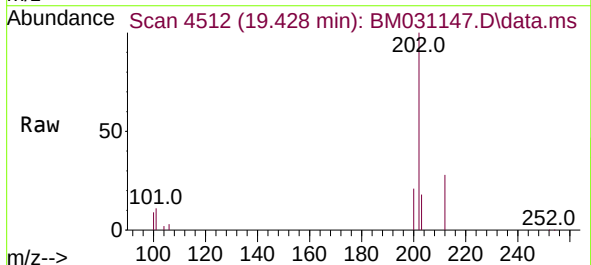
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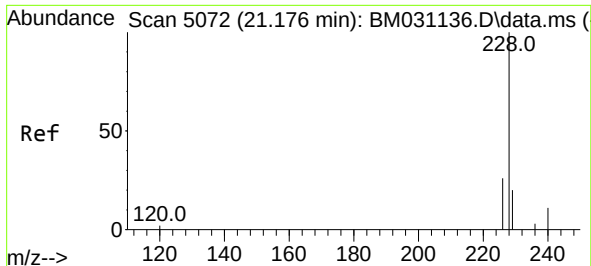
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#20
Pyrene
Concen: 0.68 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:	202	Resp:	25740
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.4	11.0
100	9.2	6.0	9.0#





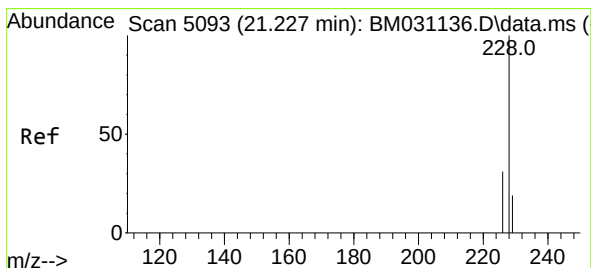
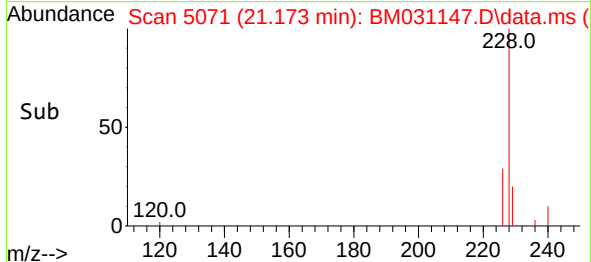
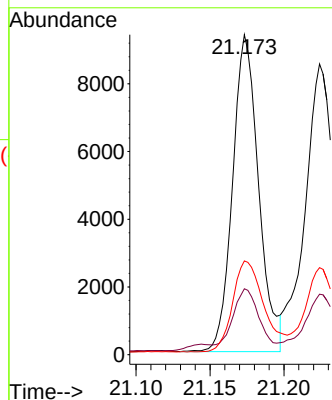
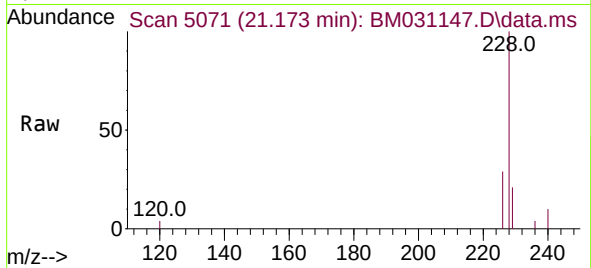
#21
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:228 Resp: 11455
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 29.3 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEb4

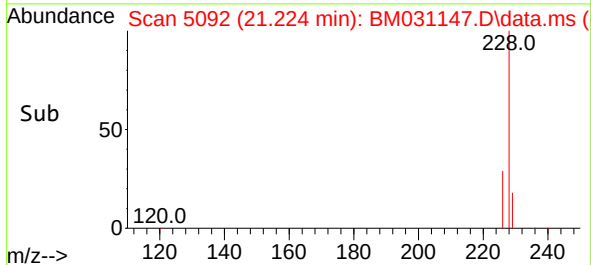
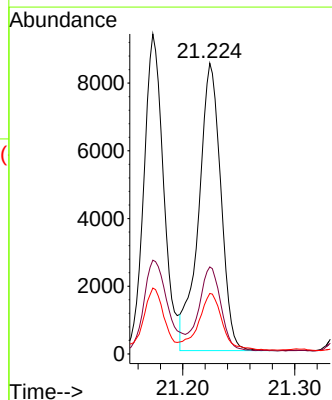
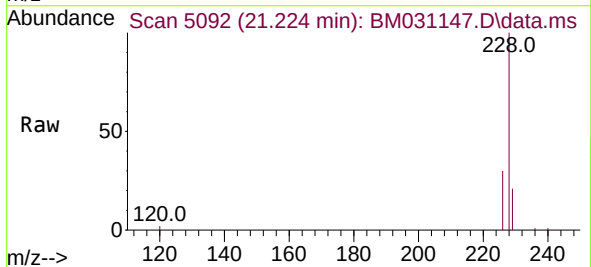
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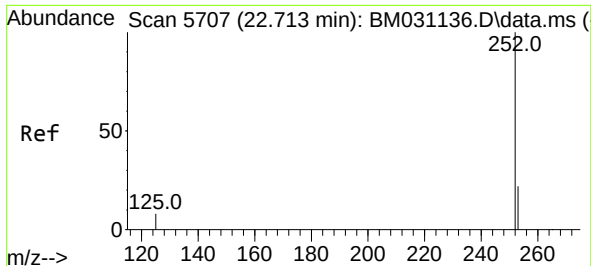
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#22
Chrysene
Concen: 0.29 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. -0.010 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:228 Resp: 11673
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.8 15.8 23.8





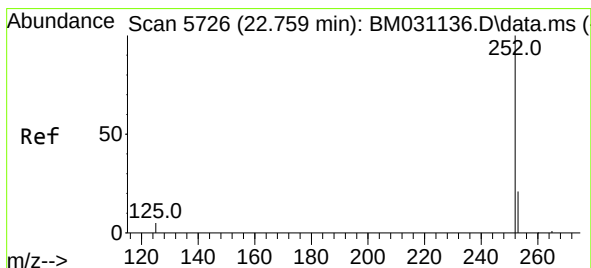
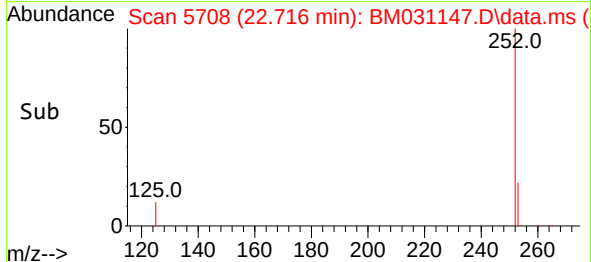
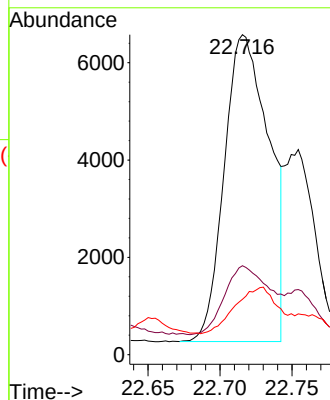
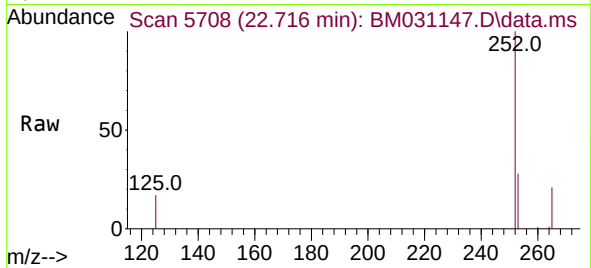
#24
Benzo(b)fluoranthene
Concen: 0.34 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:252 Resp: 13598
Ion Ratio Lower Upper
252 100
253 27.8 0.0 52.8
125 17.3 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGEb4

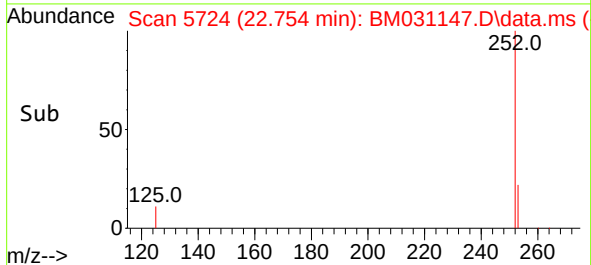
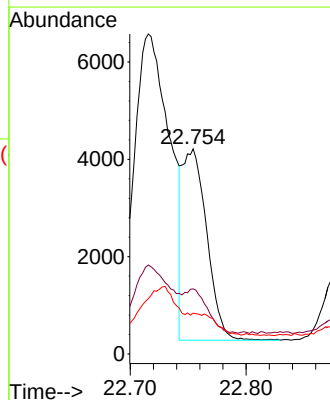
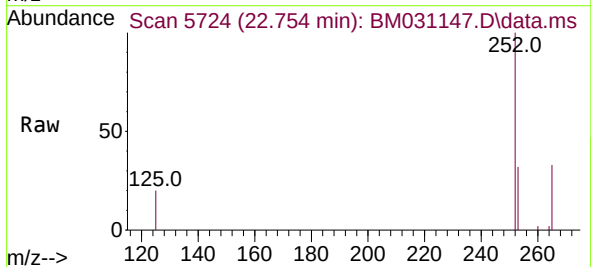
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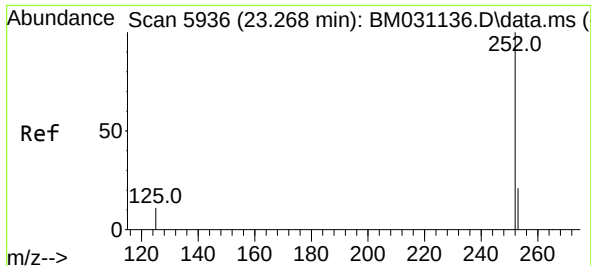
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#25
Benzo(k)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.012 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion:252 Resp: 5753
Ion Ratio Lower Upper
252 100
253 31.7 21.6 32.4
125 19.9 8.6 13.0#





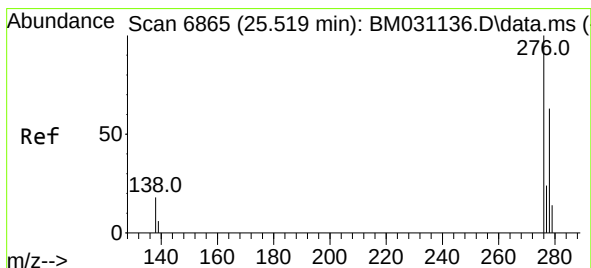
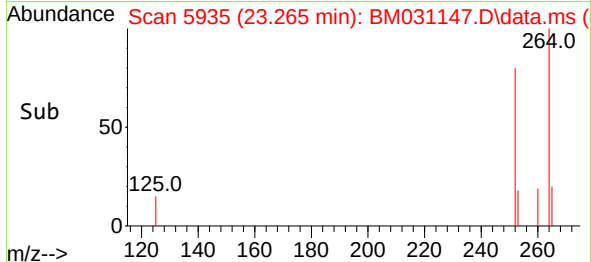
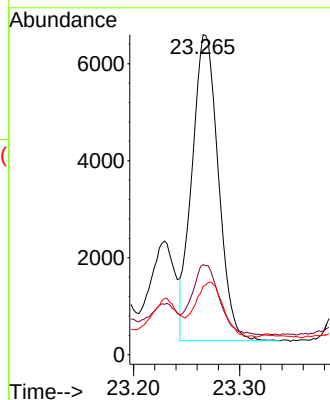
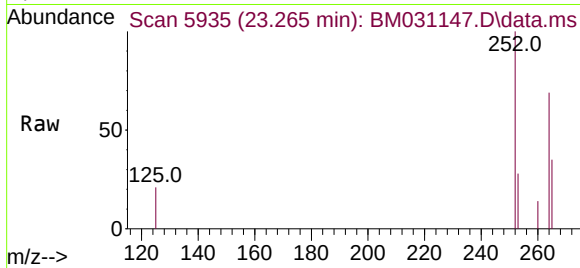
#26
Benzo(a)pyrene
Concen: 0.32 ng/ul
RT: 23.265 min Scan# 5935
Delta R.T. -0.015 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.1	34.7
125	21.4	10.7	16.1#

Instrument :
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BGEb4

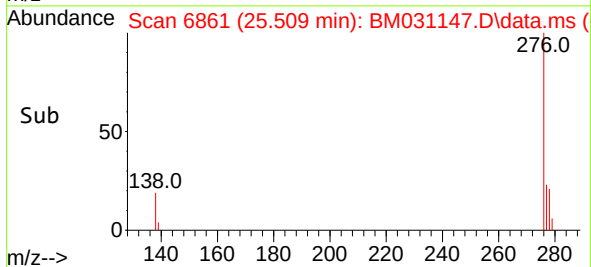
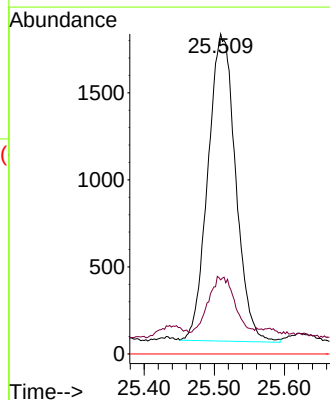
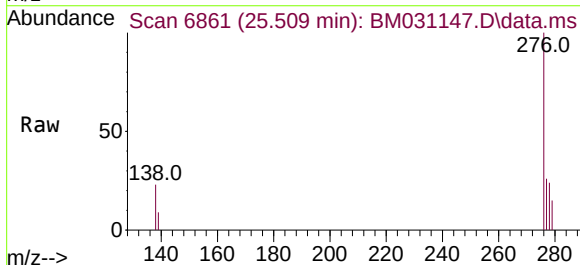
Manual Integrations
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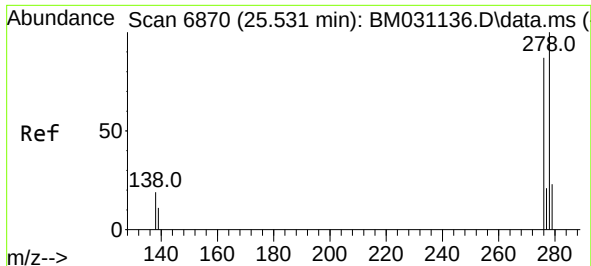
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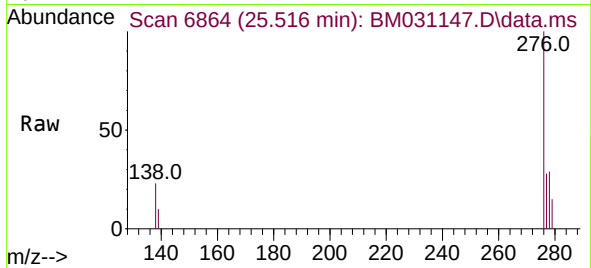
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 25.509 min Scan# 6861
Delta R.T. -0.024 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	15.4	23.0#
227	0.0	0.0	0.0

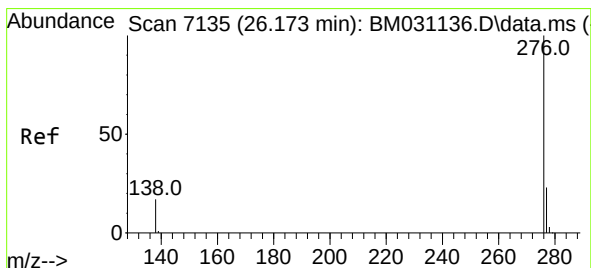
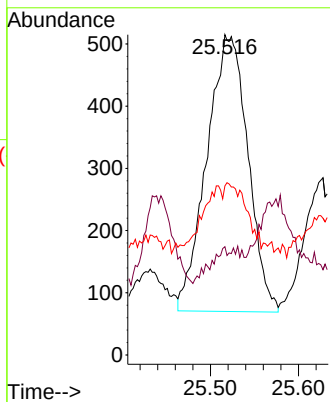
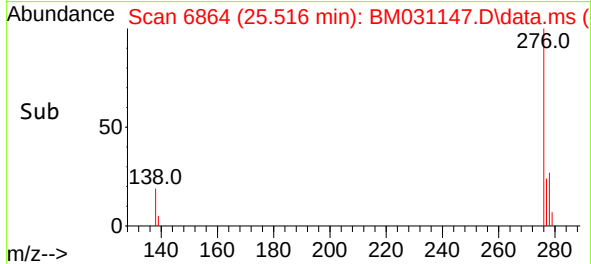




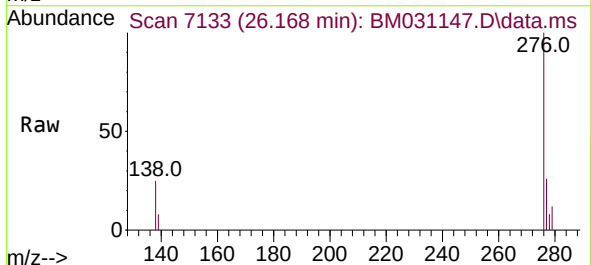
#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.516 min Scan# 6864
Delta R.T. -0.029 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33



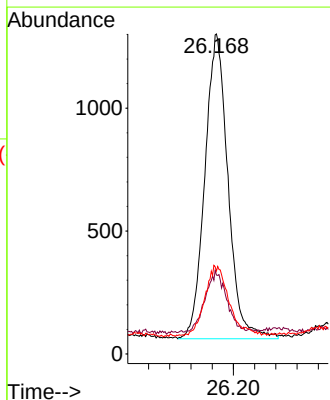
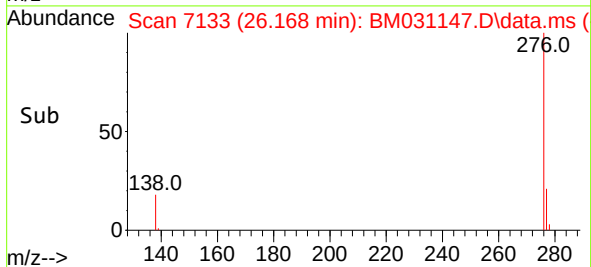
Tgt Ion:278 Resp: 1442
Ion Ratio Lower Upper
278 100
139 33.8 12.6 18.8#
279 52.8 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.168 min Scan# 7133
Delta R.T. -0.024 min
Lab File: BM031147.D
Acq: 25 Jul 2021 08:33



Tgt Ion:276 Resp: 3760
Ion Ratio Lower Upper
276 100
138 24.7 14.0 21.0#
277 25.9 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
BGEb4

Manual Integrations
APPROVED

mohammad
7/26/2021 1:27:47 PM