

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031198.D
 Acq On : 27 Jul 2021 14:09
 Operator : CG/JU
 Sample : M3082-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0006

Manual Integrations
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Quant Time: Jul 27 14:43:34 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	2790	0.40	ng/ul	0.00
4) Naphthalene-d8	10.396	136	11667	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.258	164	9093	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	15771	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.197	240	10963	0.40	ng/ul	# 0.00
23) Perylene-d12	23.375	264	8909	0.40	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	5659	1.93	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.983	152	3350	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	8329	0.25	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.441	128	51472	1.48	ng/ul	97
7) 2-Methylnaphthalene	12.060	142	54014	2.15	ng/ul	99
8) 1-Methylnaphthalene	12.280	142	46850	1.91	ng/ul	99
10) Acenaphthylene	13.980	152	8218	0.22	ng/ul#	90
11) Acenaphthene	14.318	153	7590	0.23	ng/ul	95
12) Fluorene	15.312	166	32677	0.84	ng/ul#	86
14) Pentachlorophenol	16.659	266	141	0.03	ng/ul#	84
15) Phenanthrene	17.047	178	311146	6.21	ng/ul	100
16) Anthracene	17.138	178	33368m	0.71	ng/ul	
19) Fluoranthene	19.069	202	148070	3.36	ng/ul#	90
20) Pyrene	19.432	202	152259	3.38	ng/ul#	91
21) Benzo(a)anthracene	21.183	228	65590	1.50	ng/ul#	63
22) Chrysene	21.234	228	154099	3.25	ng/ul#	84
24) Benzo(b)fluoranthene	22.725	252	61176m	1.46	ng/ul	
25) Benzo(k)fluoranthene	22.764	252	13270m	0.31	ng/ul	
26) Benzo(a)pyrene	23.278	252	24568	0.68	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.524	276	16358	0.34	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.536	278	9281	0.24	ng/ul#	16
29) Benzo(g,h,i)perylene	26.183	276	3483	0.09	ng/ul#	39

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

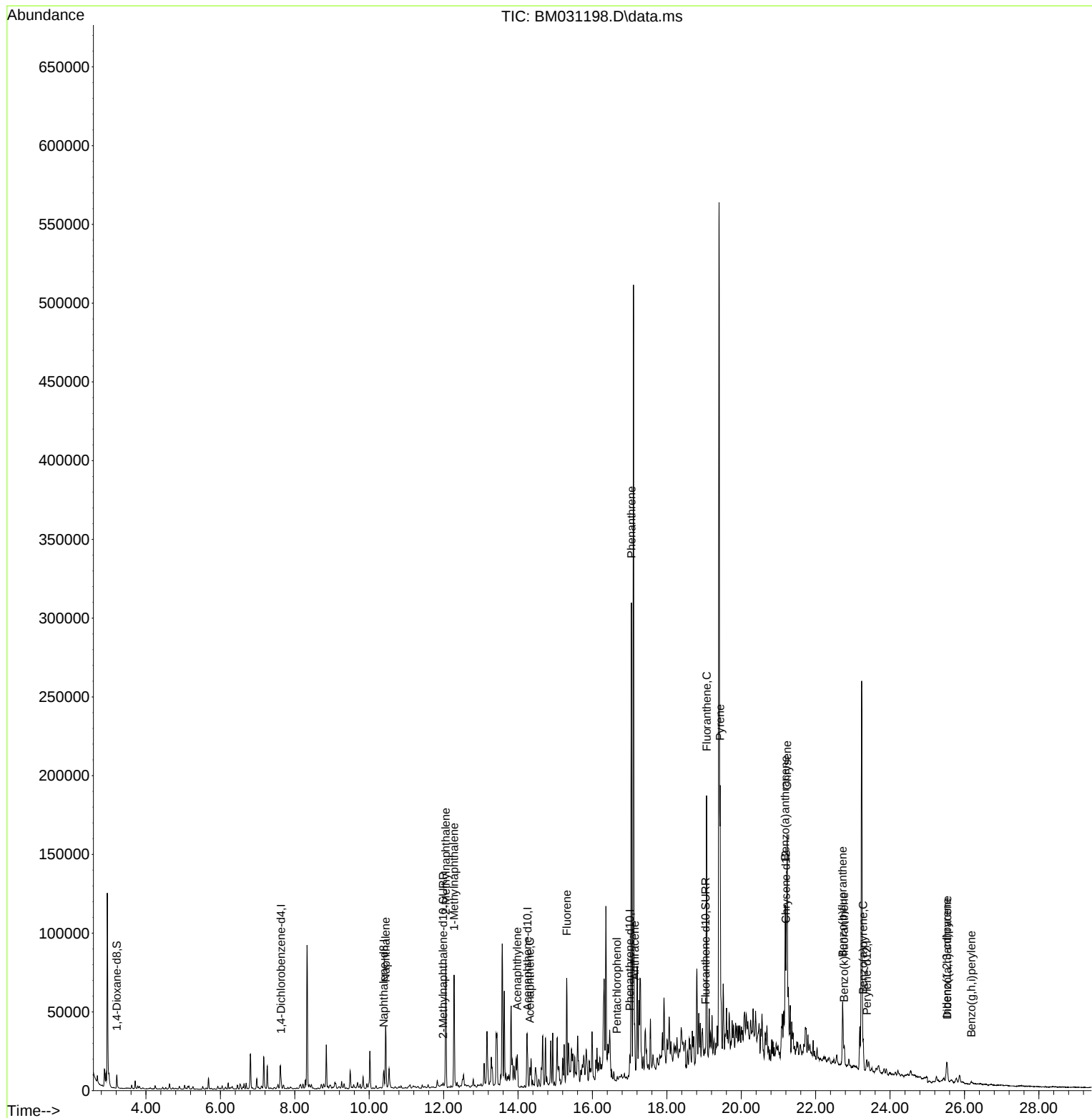
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Data File : BM031198.D
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Operator : CG/JU
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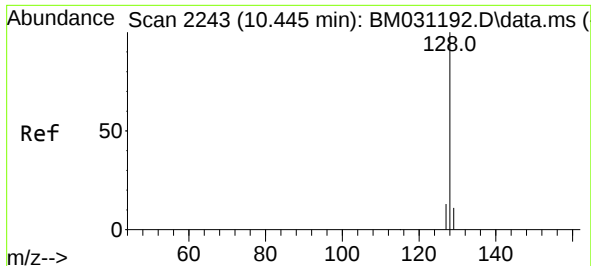
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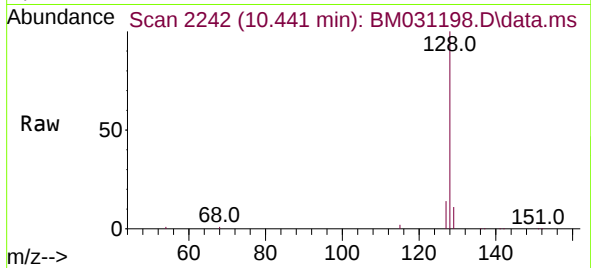
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Quant Time: Jul 27 14:43:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 27 12:13:28 2021
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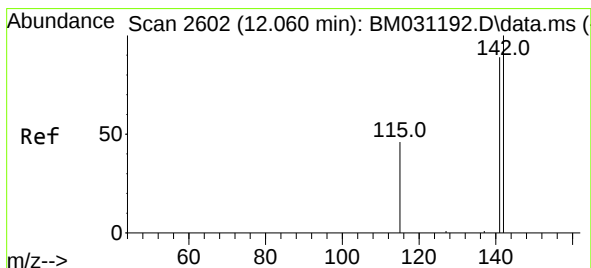
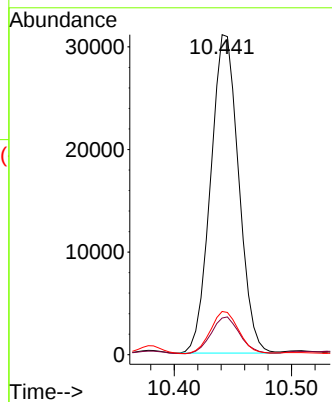
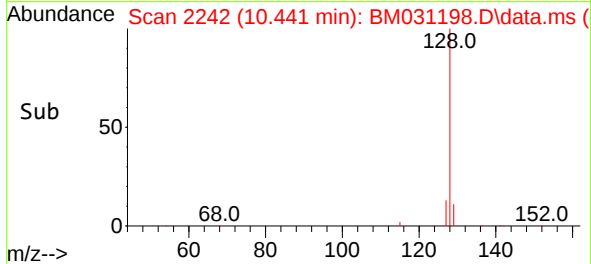




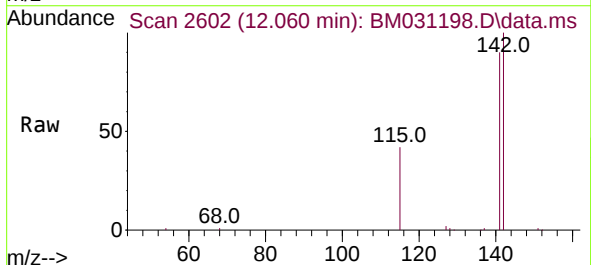
#5
Naphthalene
Concen: 1.48 ng/ul
RT: 10.441 min Scan# 2242
Delta R.T. -0.004 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



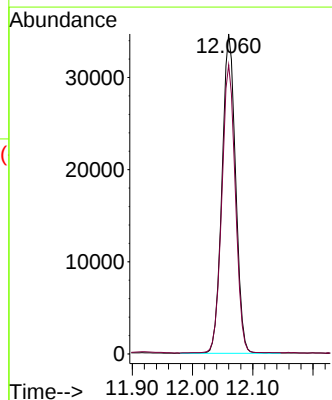
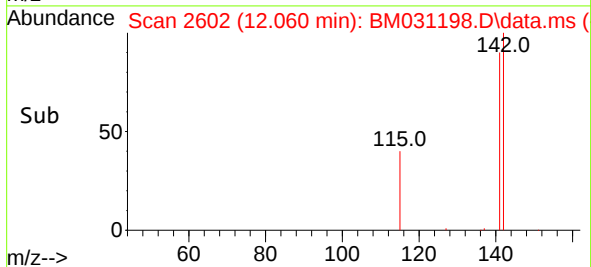
Tgt Ion:	128	Resp:	51472
Ion Ratio	Lower	Upper	
128	100		
129	11.5	10.2	15.4
127	13.5	11.8	17.8



#7
2-Methylnaphthalene
Concen: 2.15 ng/ul
RT: 12.060 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



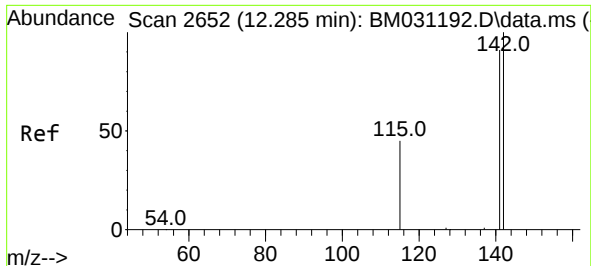
Tgt Ion:	142	Resp:	54014
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.5	107.3



Instrument :
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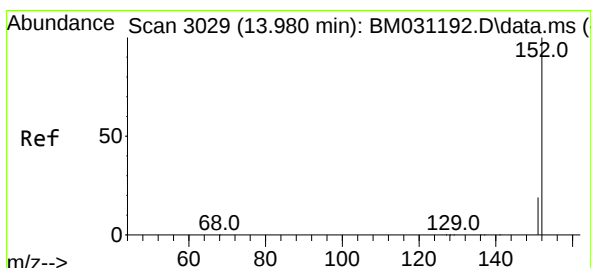
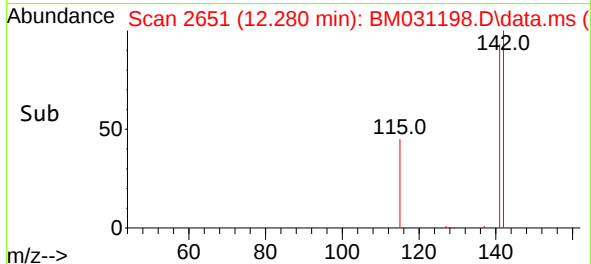
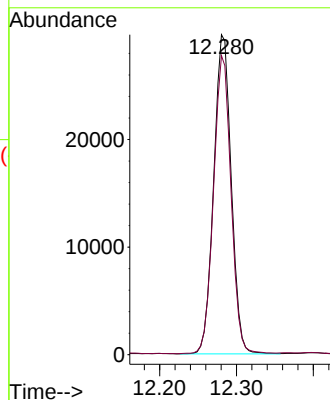
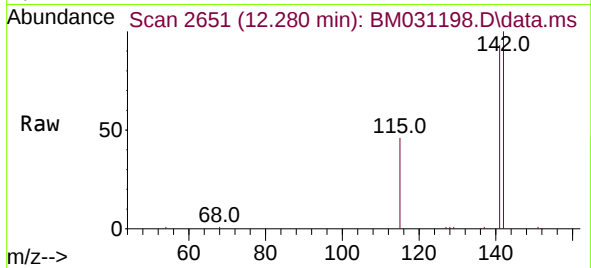
#8
1-Methylnaphthalene
Concen: 1.91 ng/ul
RT: 12.280 min Scan# 2651
Delta R.T. -0.004 min
Lab File: BM031198.D
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Tgt Ion:142 Resp: 46850
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4

Instrument :
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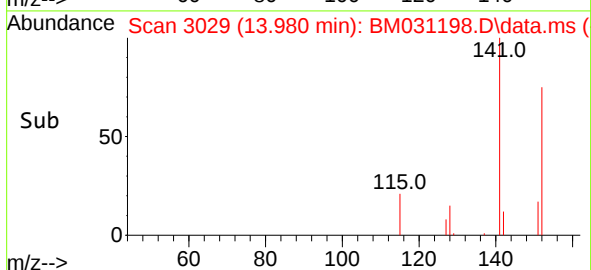
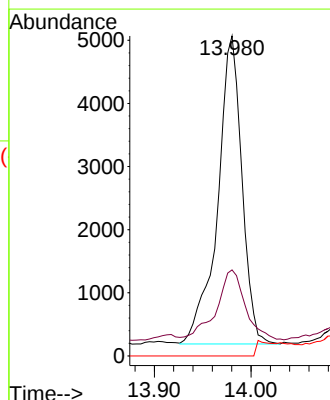
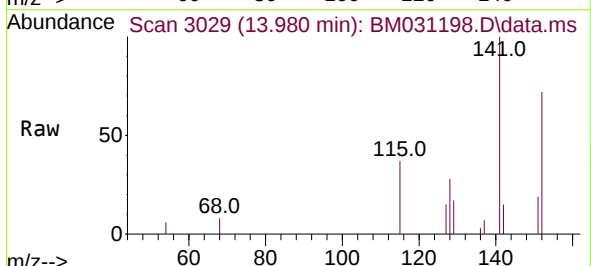
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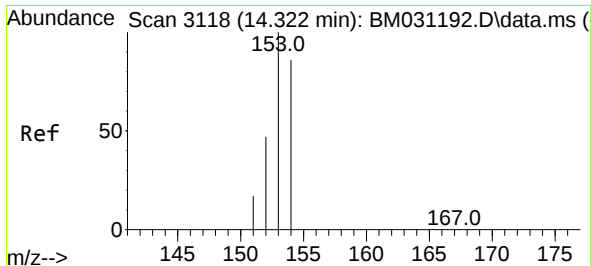
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#10
Acenaphthylene
Concen: 0.22 ng/ul
RT: 13.980 min Scan# 3029
Delta R.T. 0.000 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09

Tgt Ion:152 Resp: 8218
Ion Ratio Lower Upper
152 100
151 26.9 17.5 26.3#
153 0.0 0.0 0.0





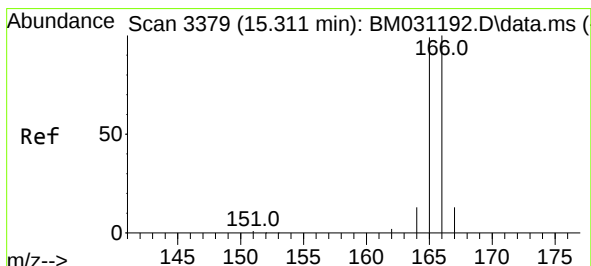
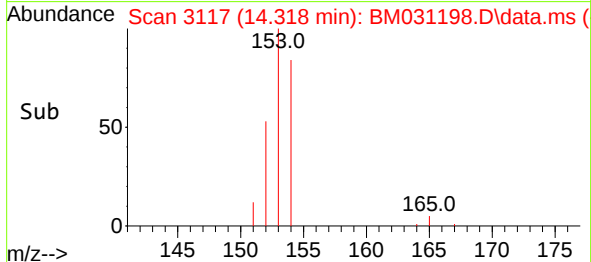
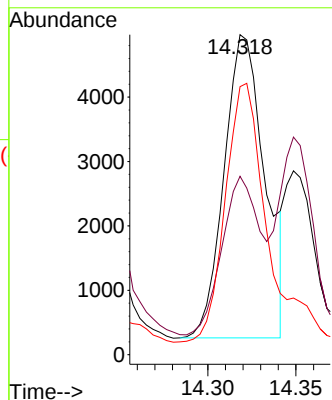
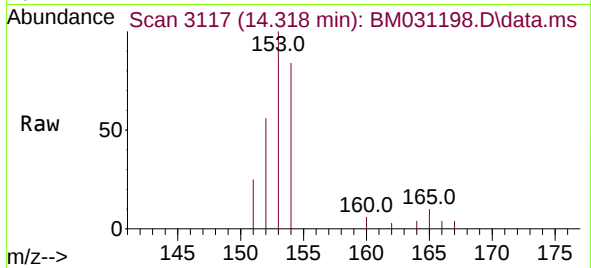
#11
Acenaphthene
Concen: 0.23 ng/ul
RT: 14.318 min Scan# 3117
Delta R.T. -0.003 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09

Tgt Ion:153 Resp: 7590
Ion Ratio Lower Upper
153 100
152 55.8 39.4 59.2
154 83.7 68.2 102.4

Instrument :
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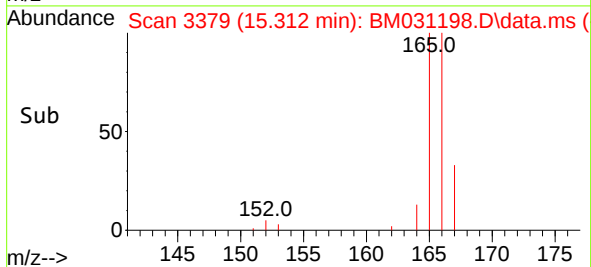
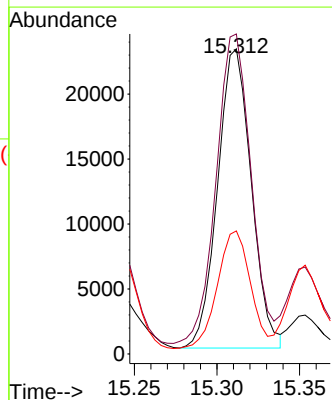
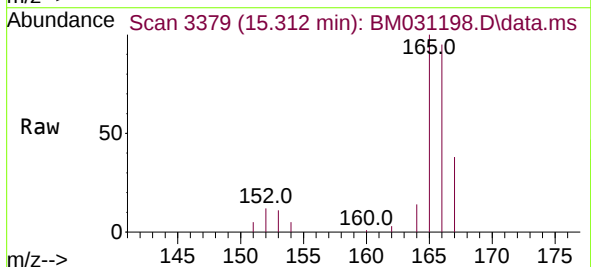
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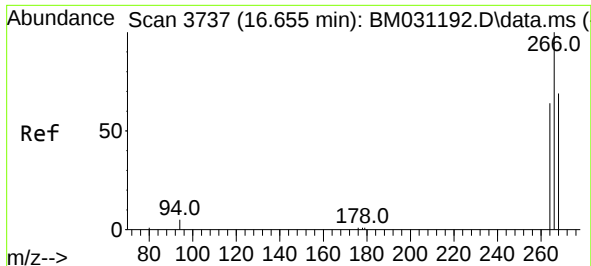
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#12
Fluorene
Concen: 0.84 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031198.D
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Tgt Ion:166 Resp: 32677
Ion Ratio Lower Upper
166 100
165 104.9 78.2 117.2
167 40.3 12.3 18.5#





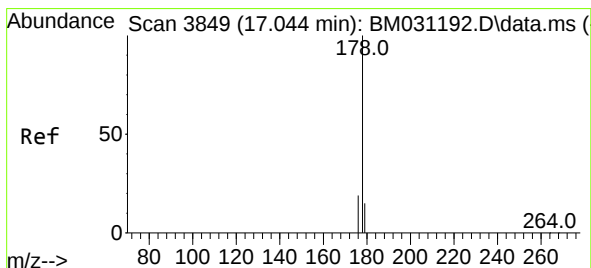
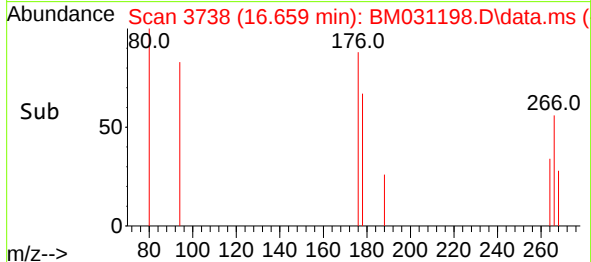
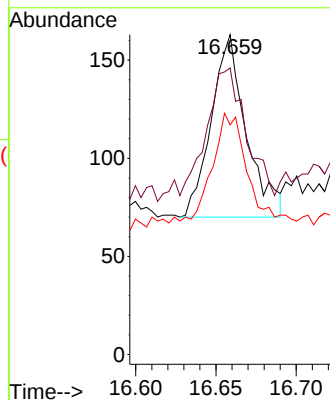
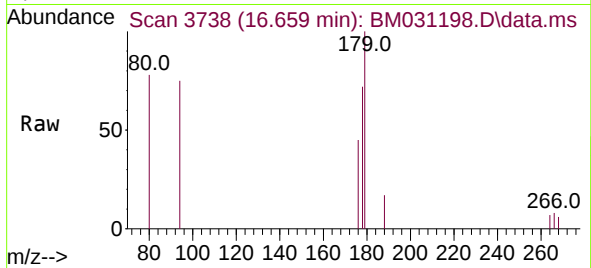
#14
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 16.659 min Scan# 3738
 Delta R.T. 0.004 min
 Lab File: BM031198.D
 Acq: 27 Jul 2021 14:09

Tgt Ion:266 Resp: 141
 Ion Ratio Lower Upper
 266 100
 264 87.2 50.9 76.3#
 268 66.0 51.2 76.8

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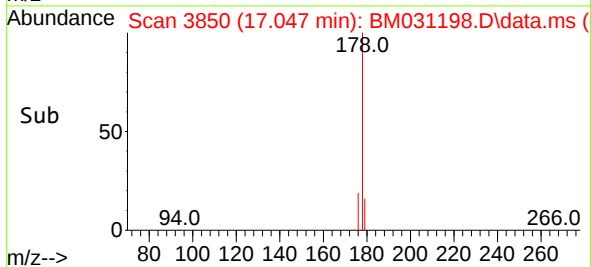
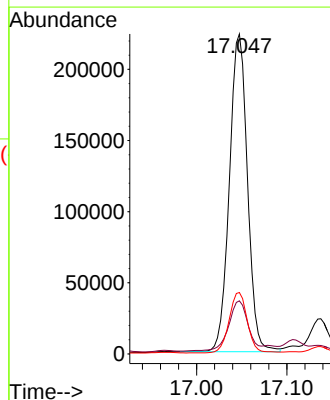
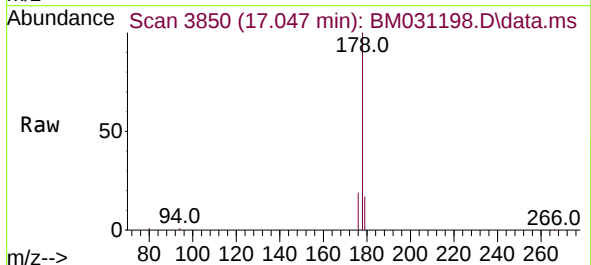
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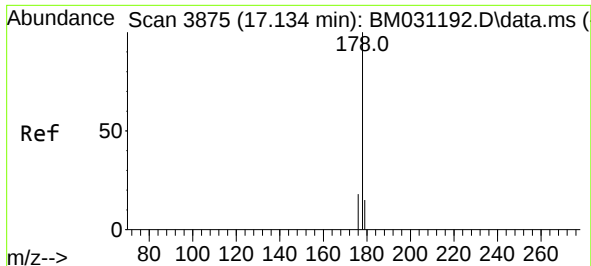
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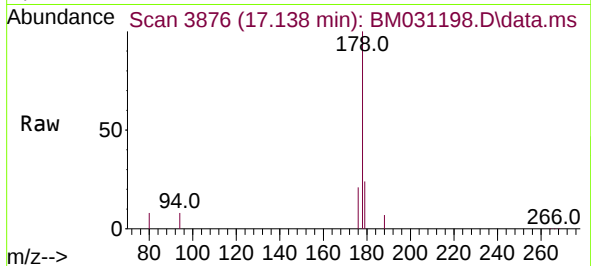
#15
 Phenanthrene
 Concen: 6.21 ng/ul
 RT: 17.047 min Scan# 3850
 Delta R.T. 0.004 min
 Lab File: BM031198.D
 Acq: 27 Jul 2021 14:09

Tgt Ion:178 Resp: 311146
 Ion Ratio Lower Upper
 178 100
 179 16.6 13.3 19.9
 176 19.2 15.4 23.2

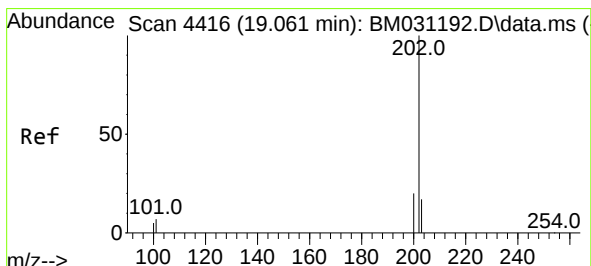
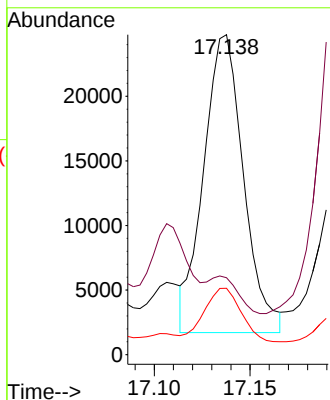
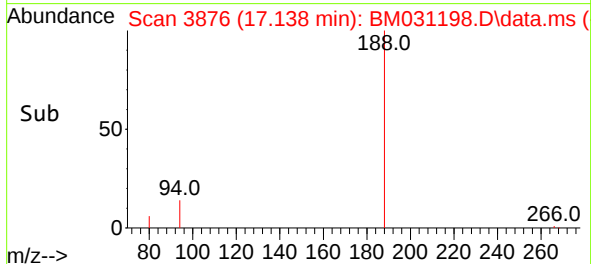




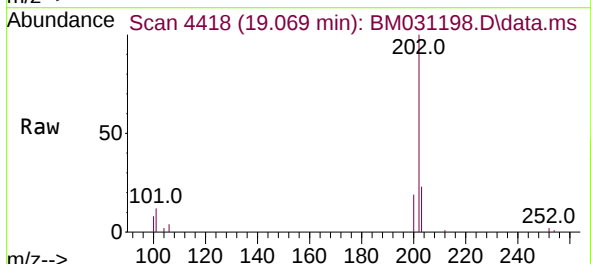
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 Anthracene
 Concen: 0.71 ng/ul m
 RT: 17.138 min Scan# 3876
 Delta R.T. 0.004 min
 Lab File: BM031198.D
 Acq: 27 Jul 2021 14:09



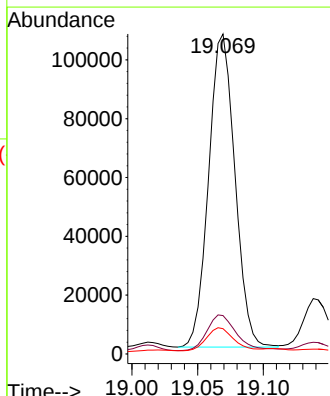
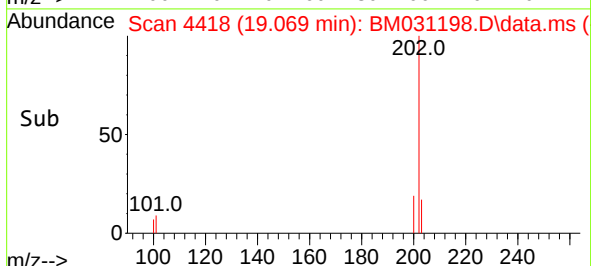
Tgt Ion:178 Resp: 33368
 Ion Ratio Lower Upper
 178 100
 179 24.0 13.8 20.8#
 176 20.8 15.7 23.5



#19
 Fluoranthene
 Concen: 3.36 ng/ul
 RT: 19.069 min Scan# 4418
 Delta R.T. 0.008 min
 Lab File: BM031198.D
 Acq: 27 Jul 2021 14:09



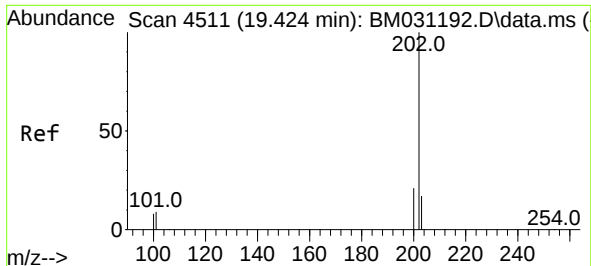
Tgt Ion:202 Resp: 148070
 Ion Ratio Lower Upper
 202 100
 101 12.0 6.0 9.0#
 100 7.9 4.8 7.2#



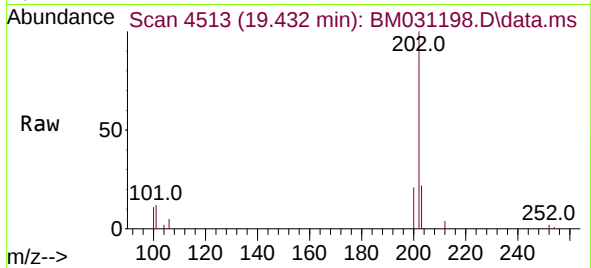
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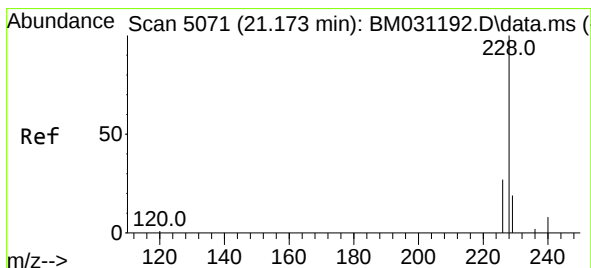
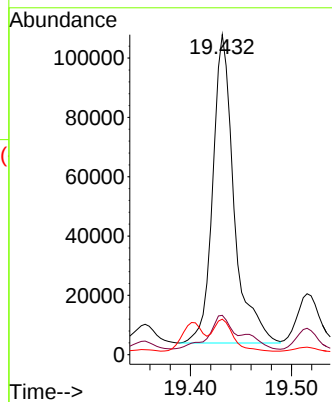
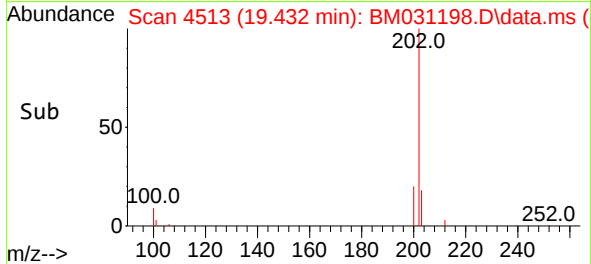
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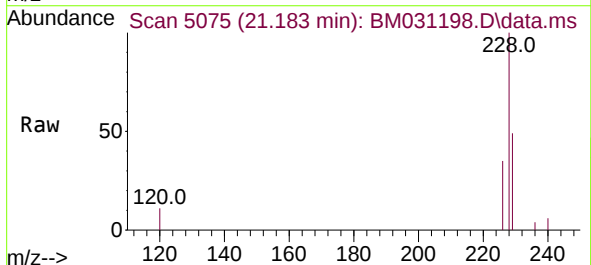
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Pyrene
Concen: 3.38 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. 0.008 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



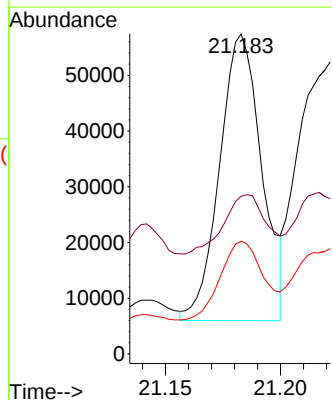
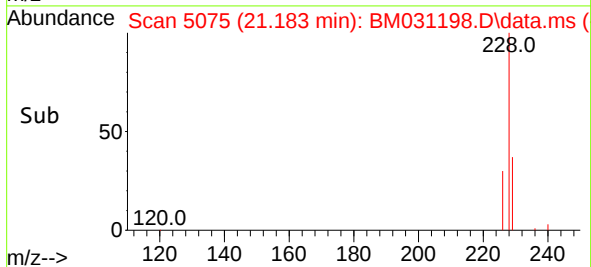
Tgt Ion:202 Resp: 152259
Ion Ratio Lower Upper
202 100
101 12.3 7.4 11.0#
100 11.1 6.0 9.0#



#21
Benzo(a)anthracene
Concen: 1.50 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. 0.010 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



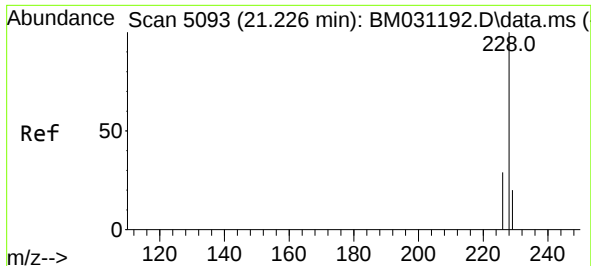
Tgt Ion:228 Resp: 65590
Ion Ratio Lower Upper
228 100
229 49.3 16.0 24.0#
226 35.2 21.4 32.2#



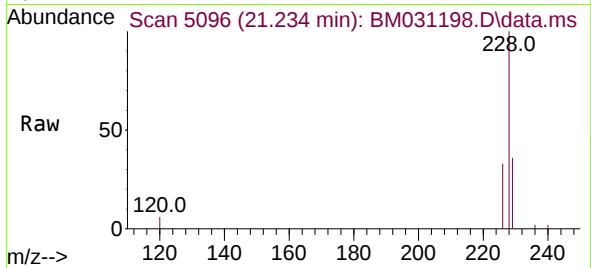
Instrument :
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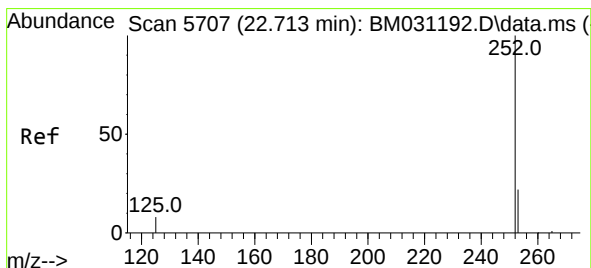
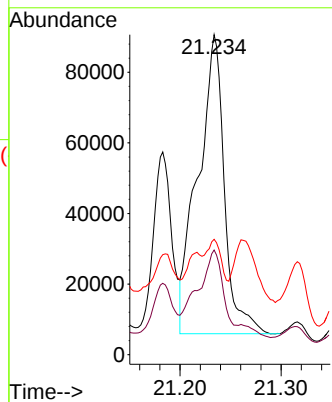
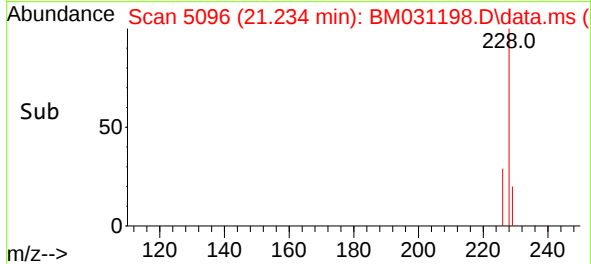
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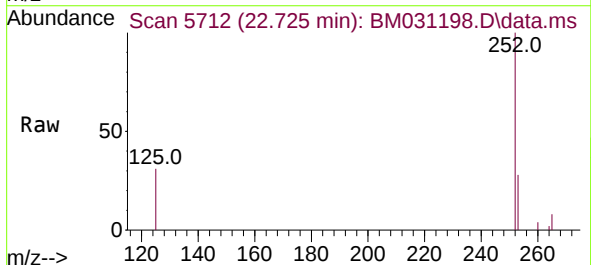
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Chrysene
Concen: 3.25 ng/ul
RT: 21.234 min Scan# 5096
Delta R.T. 0.008 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



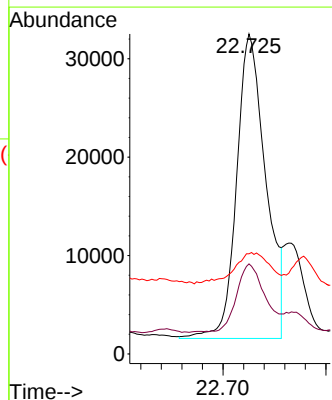
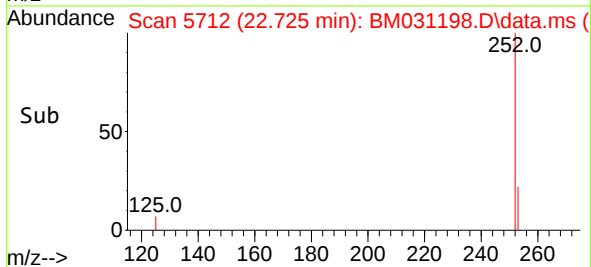
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Ion Ratio Lower Upper
228 100
226 32.7 24.5 36.7
229 36.0 15.8 23.8#



#24
Benzo(b)fluoranthene
Concen: 1.46 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. 0.012 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



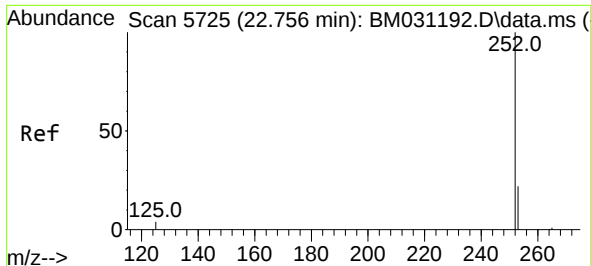
Tgt Ion:252 Resp: 61176
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.8
125 31.3 0.0 20.2#



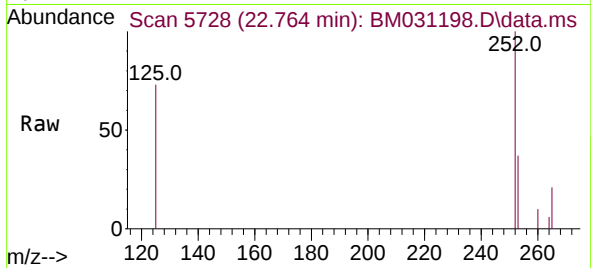
Instrument :
BNA_M
ClientSampled :
C0006

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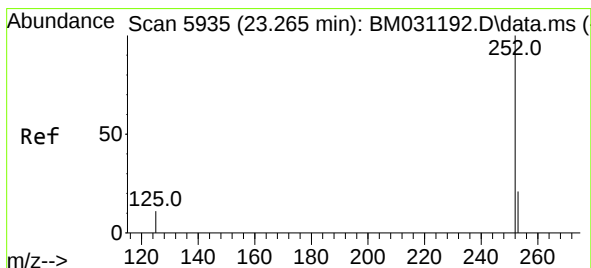
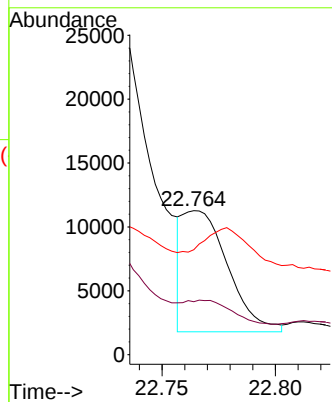
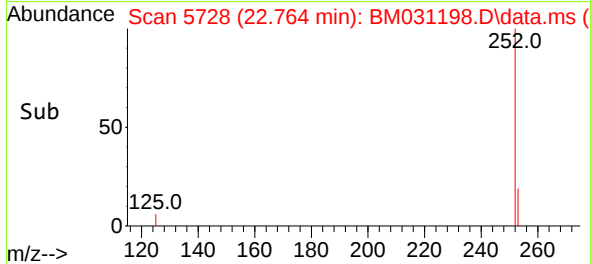
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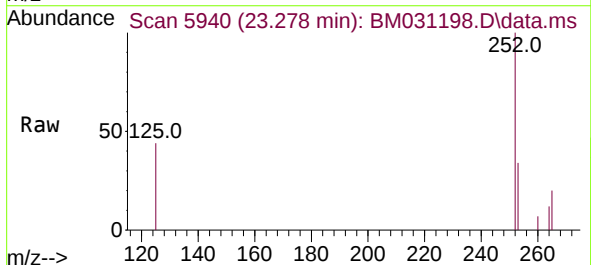
#25
Benzo(k)fluoranthene
Concen: 0.31 ng/ul m
RT: 22.764 min Scan# 5728
Delta R.T. 0.008 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



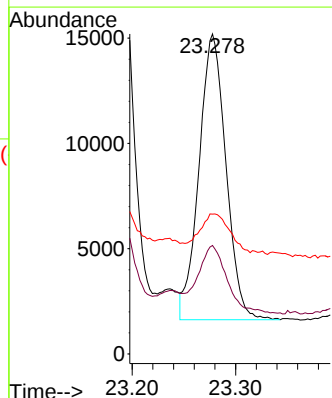
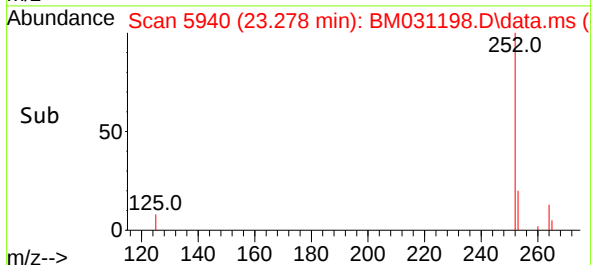
Tgt Ion:252 Resp: 13270
Ion Ratio Lower Upper
252 100
253 36.8 21.6 32.4#
125 72.9 8.6 13.0#



#26
Benzo(a)pyrene
Concen: 0.68 ng/ul
RT: 23.278 min Scan# 5940
Delta R.T. 0.012 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



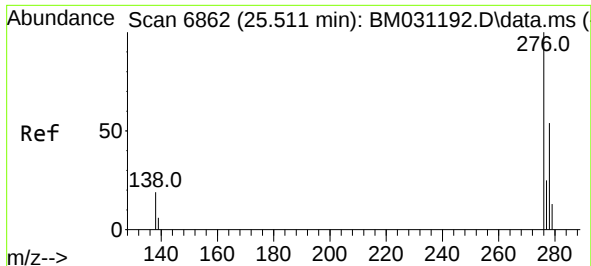
Tgt Ion:252 Resp: 24568
Ion Ratio Lower Upper
252 100
253 33.9 23.1 34.7
125 43.7 10.7 16.1#



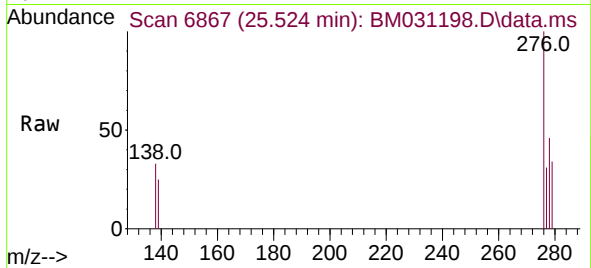
Instrument :
BNA_M
ClientSampled :
C0006

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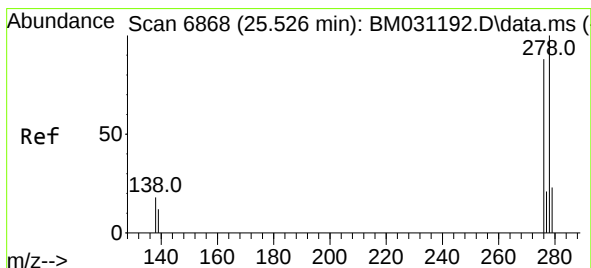
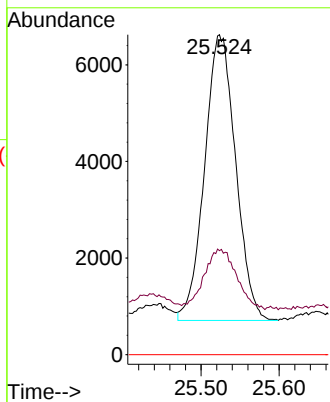
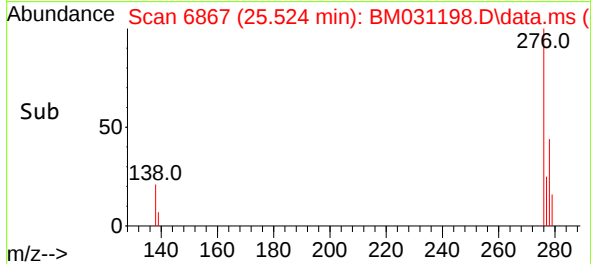
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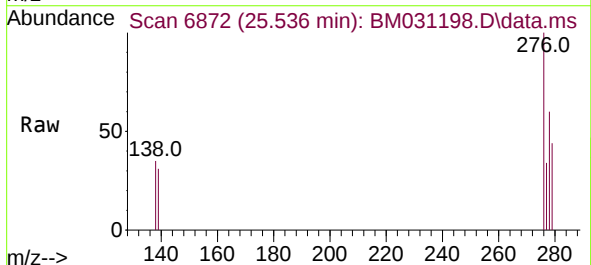
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. 0.012 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



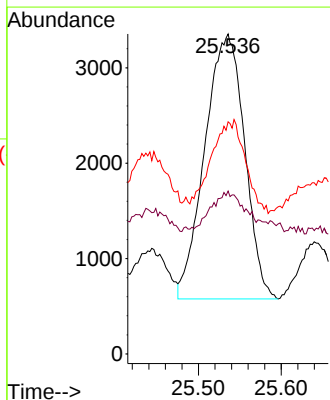
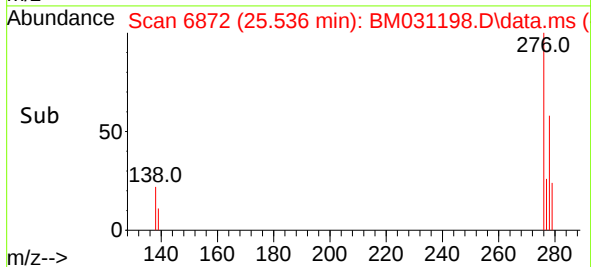
Tgt Ion: 276 Resp: 16358
Ion Ratio Lower Upper
276 100
138 22.2 15.4 23.0
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.536 min Scan# 6872
Delta R.T. 0.010 min
Lab File: BM031198.D
Acq: 27 Jul 2021 14:09



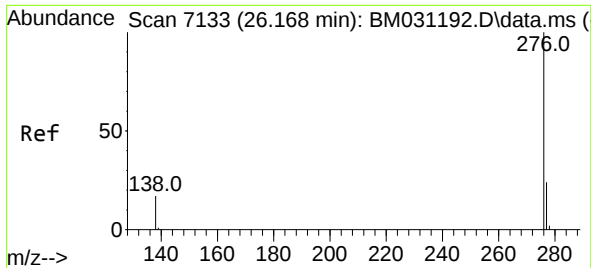
Tgt Ion: 278 Resp: 9281
Ion Ratio Lower Upper
278 100
139 50.9 12.6 18.8#
279 72.5 22.6 34.0#



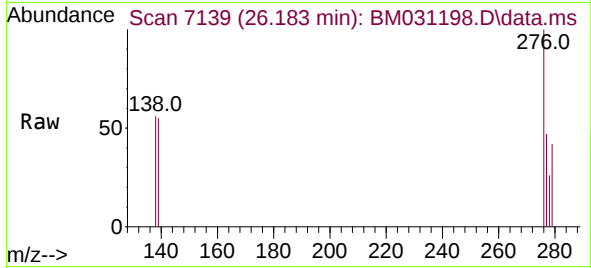
Instrument :
BNA_M
ClientSampleId :
C0006

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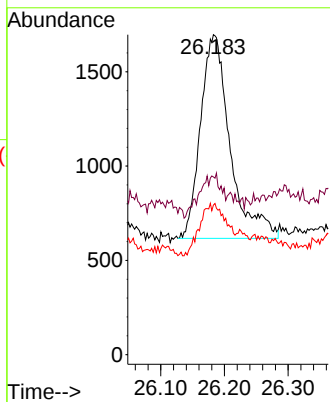
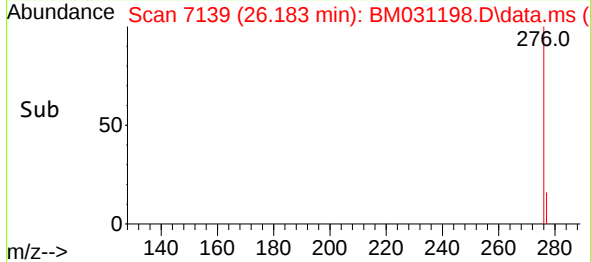
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#29
 Benzo(g,h,i)perylene
 Concen: 0.09 ng/ul
 RT: 26.183 min Scan# 7139
 Delta R.T. 0.015 min
 Lab File: BM031198.D
 Acq: 27 Jul 2021 14:09



Tgt Ion: 276 Resp: 3483
 Ion Ratio Lower Upper
 276 100
 138 55.6 14.0 21.0#
 277 46.7 19.9 29.9#



Instrument :
 BNA_M
 ClientSampleId :
 C0006

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