

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031172.D
 Acq On : 26 Jul 2021 20:50
 Operator : CG/JU
 Sample : M2973-11DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC8DL

Manual Integrations
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Quant Time: Jul 27 06:22:29 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 : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4773	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7203	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	6660	0.400	ng/ul	0.00
23) Perylene-d12	23.363	264	5653	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	623	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	250	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	731	0.036	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	13.981	152	590	0.044	ng/ul#	82
11) Acenaphthene	14.322	153	264	0.022	ng/ul#	93
12) Fluorene	15.312	166	472	0.034	ng/ul#	95
15) Phenanthrene	17.048	178	6744	0.295	ng/ul	100
16) Anthracene	17.138	178	2615	0.122	ng/ul	97
19) Fluoranthene	19.062	202	14516	0.541	ng/ul	97
20) Pyrene	19.428	202	7827	0.286	ng/ul	98
21) Benzo(a)anthracene	21.173	228	9705	0.365	ng/ul	94
22) Chrysene	21.227	228	8292	0.288	ng/ul	97
24) Benzo(b)fluoranthene	22.716	252	8319m	0.313	ng/ul	
25) Benzo(k)fluoranthene	22.755	252	3694m	0.137	ng/ul	
26) Benzo(a)pyrene	23.263	252	1940	0.084	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	25.514	276	1391	0.046	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.521	278	909	0.038	ng/ul#	49

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

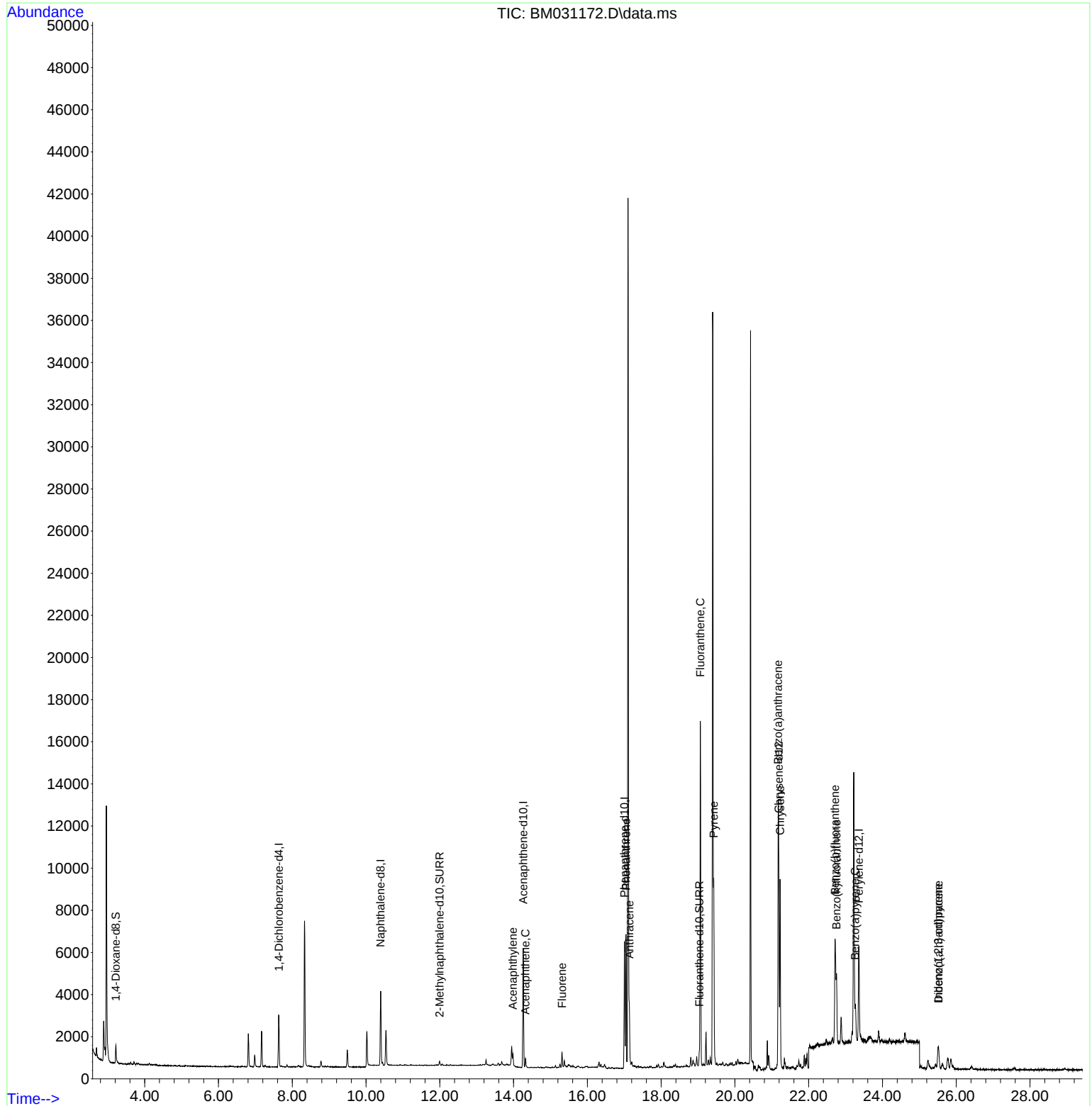
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031172.D
Acq On : 26 Jul 2021 20:50
Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

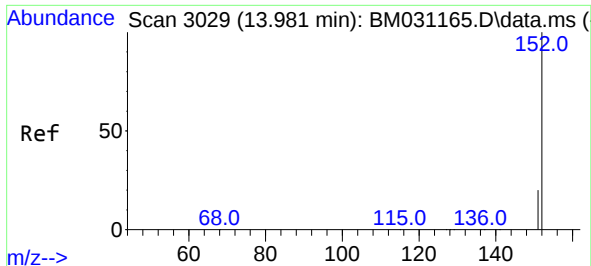
Instrument :
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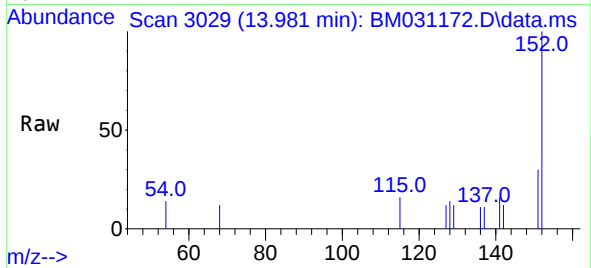
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
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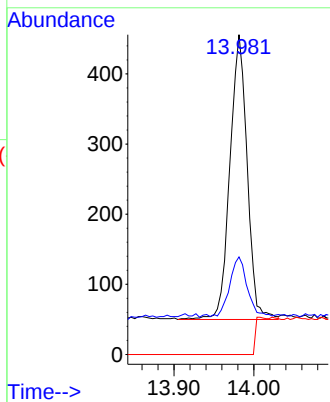
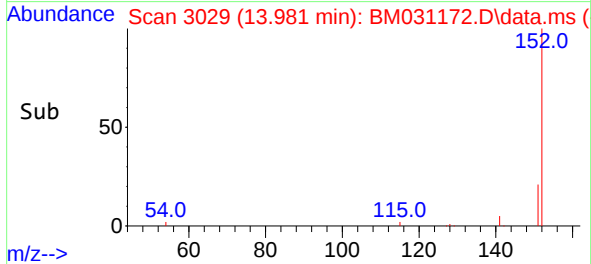




#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50



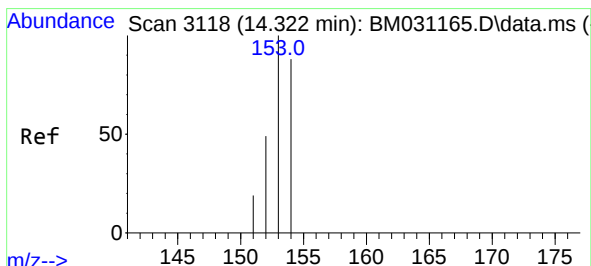
Tgt Ion:152 Resp: 590
Ion Ratio Lower Upper
152 100
151 30.5 17.5 26.3#
153 0.0 0.0 0.0



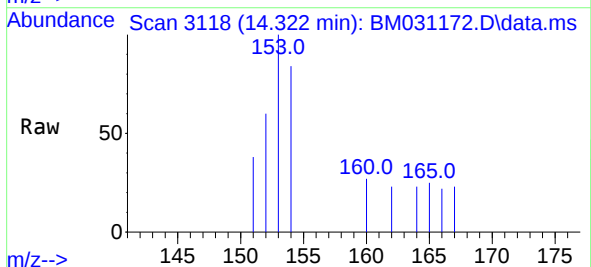
Instrument :
BNA_M
ClientSampleId :
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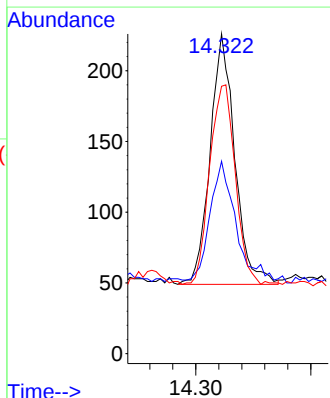
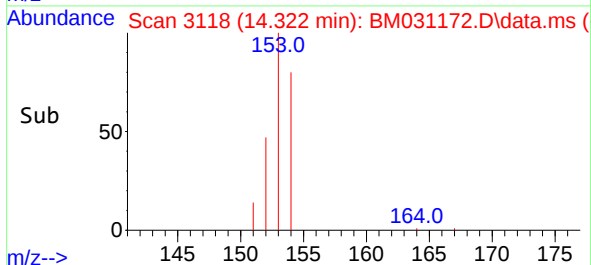
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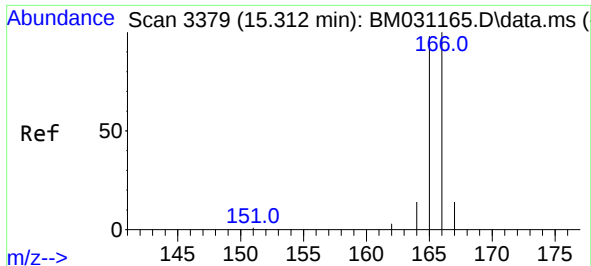


#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50



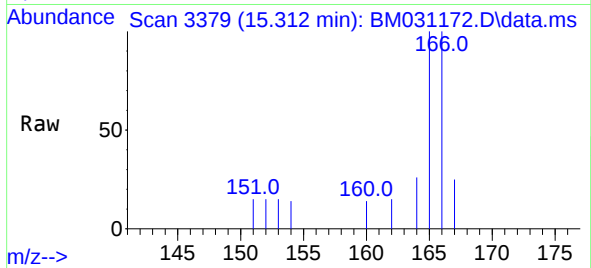
Tgt Ion:153 Resp: 264
Ion Ratio Lower Upper
153 100
152 60.2 39.4 59.2#
154 83.6 68.2 102.4





#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

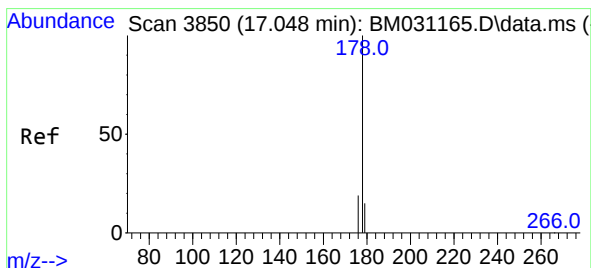
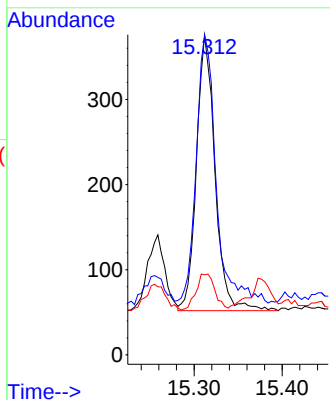
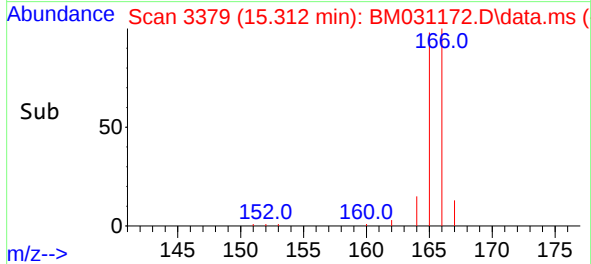
Instrument :
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ClientSampled :
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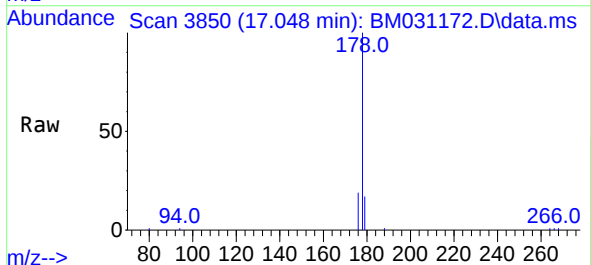
Tgt Ion:166 Resp: 472
Ion Ratio Lower Upper
166 100
165 100.3 78.2 117.2
167 25.1 12.3 18.5#

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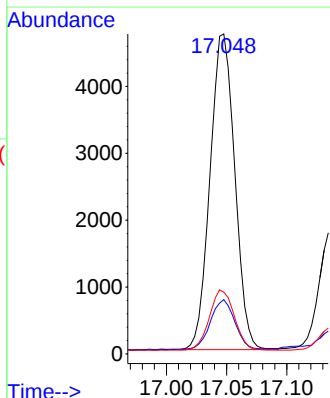
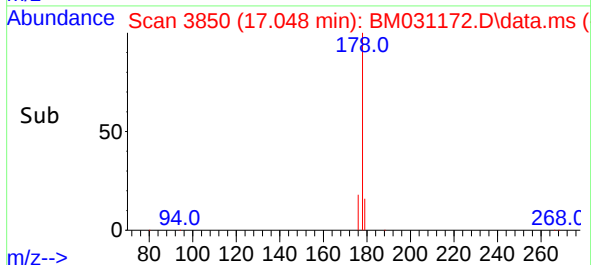
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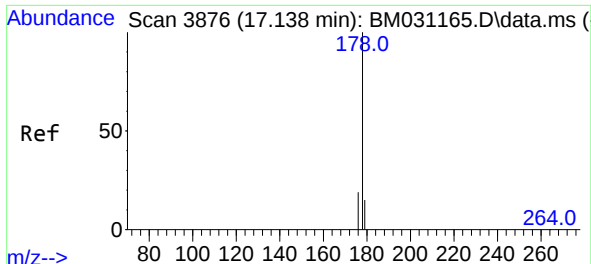


#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50



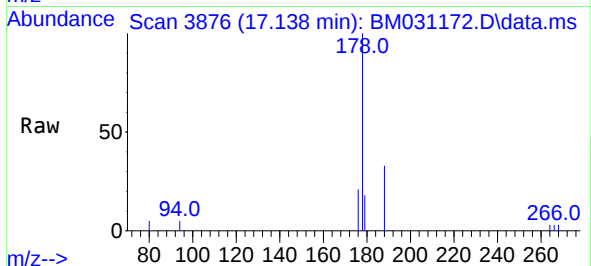
Tgt Ion:178 Resp: 6744
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.122 ng/ul
 RT: 17.138 min Scan# 3876
 Delta R.T. -0.007 min
 Lab File: BM031172.D
 Acq: 26 Jul 2021 20:50

Instrument :
 BNA_M
 ClientSampled :
 BGEC8DL

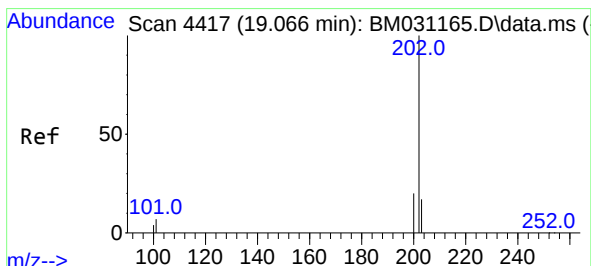
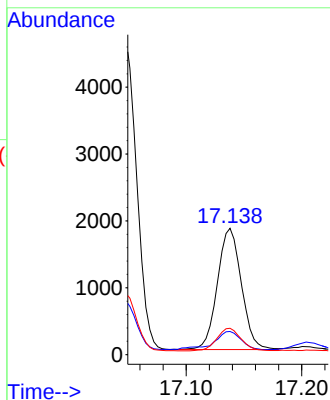
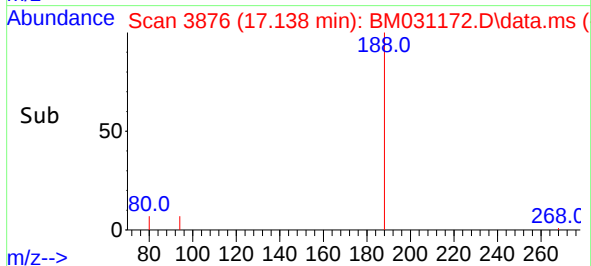


Tgt Ion:178 Resp: 2615

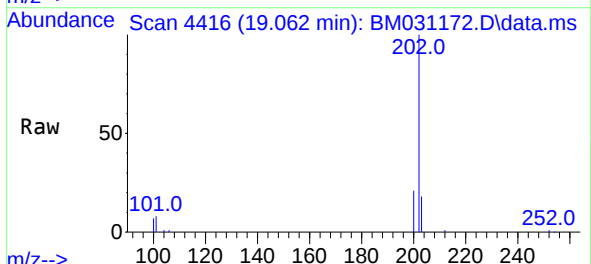
Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.8	20.8
176	20.8	15.7	23.5

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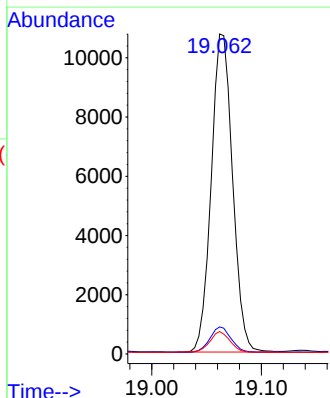
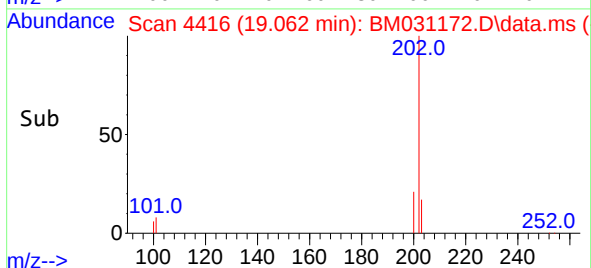


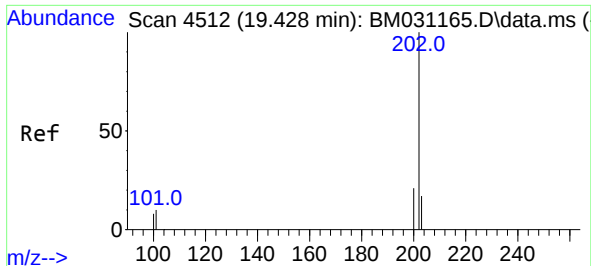
#19
 Fluoranthene
 Concen: 0.541 ng/ul
 RT: 19.062 min Scan# 4416
 Delta R.T. -0.011 min
 Lab File: BM031172.D
 Acq: 26 Jul 2021 20:50



Tgt Ion:202 Resp: 14516

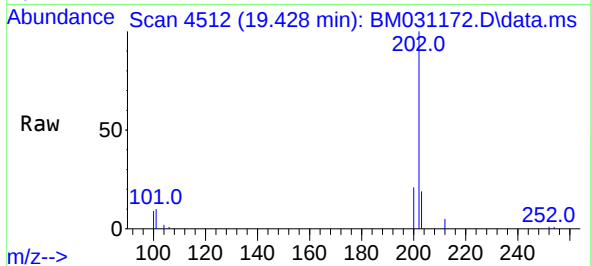
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.0	9.0
100	7.0	4.8	7.2





#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

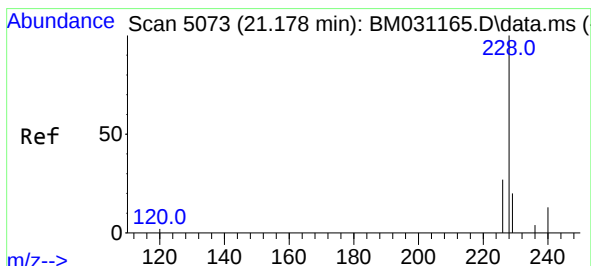
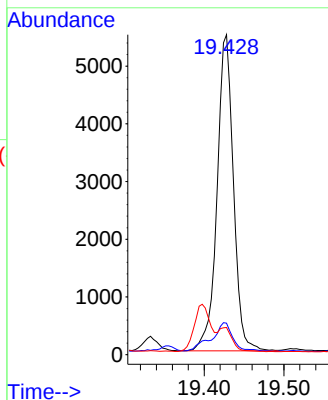
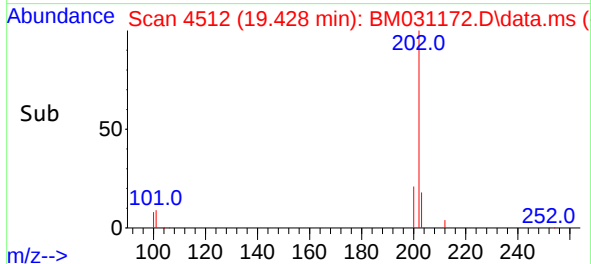
Instrument :
BNA_M
ClientSampleId :
BGEC8DL



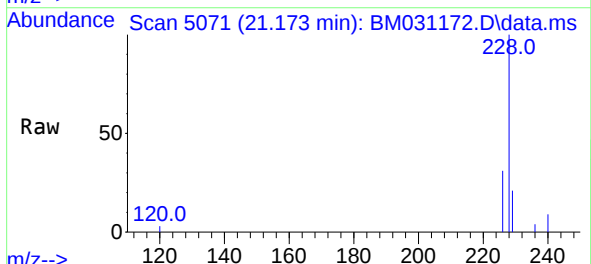
Tgt Ion:202 Resp: 7827
Ion Ratio Lower Upper
202 100
101 9.8 7.4 11.0
100 8.5 6.0 9.0

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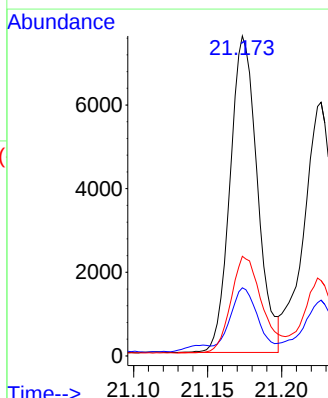
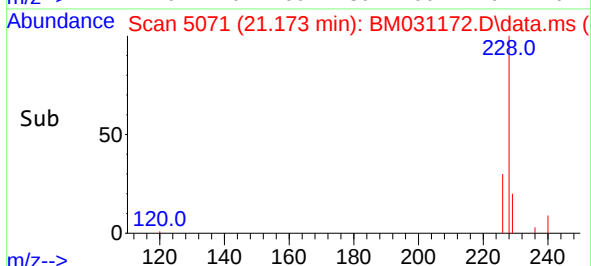
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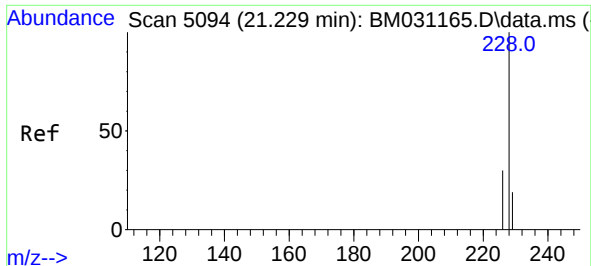


#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

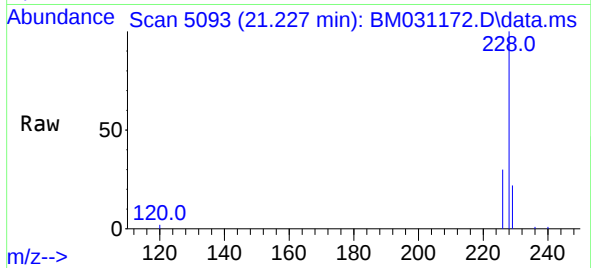


Tgt Ion:228 Resp: 9705
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 31.2 21.4 32.2

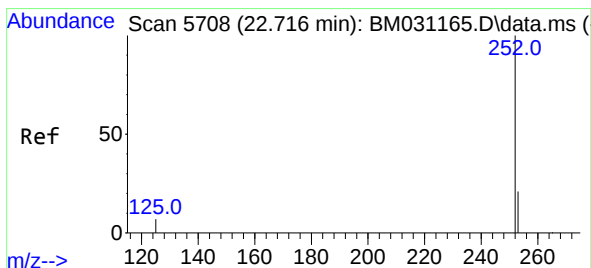
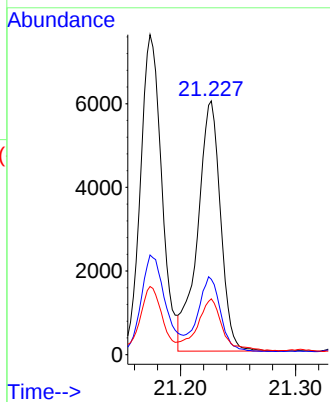
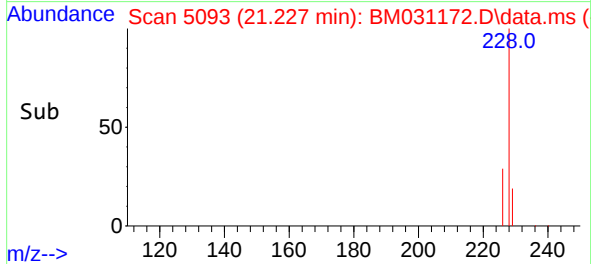




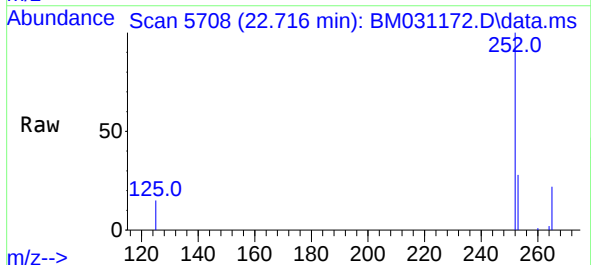
#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50



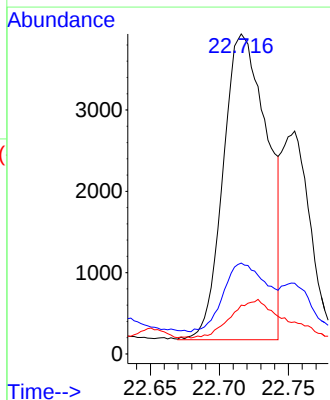
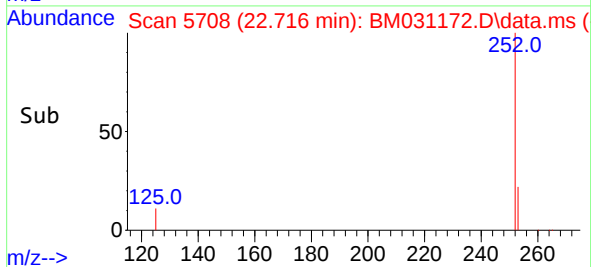
Tgt Ion:228 Resp: 8292
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 22.0 15.8 23.8



#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50



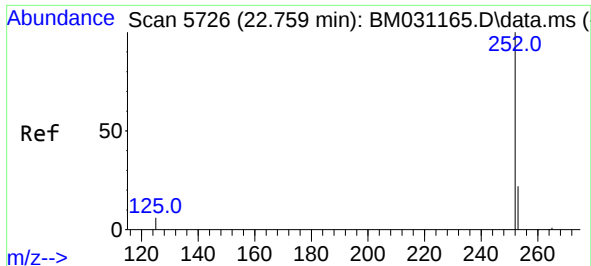
Tgt Ion:252 Resp: 8319
Ion Ratio Lower Upper
252 100
253 28.4 0.0 52.8
125 15.2 0.0 20.2



Instrument :
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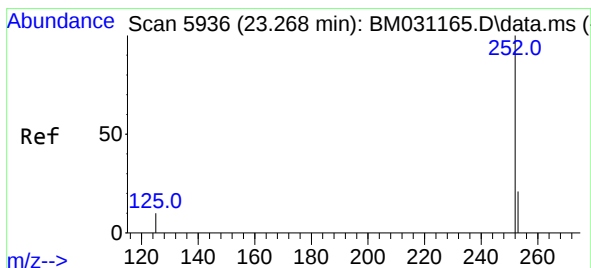
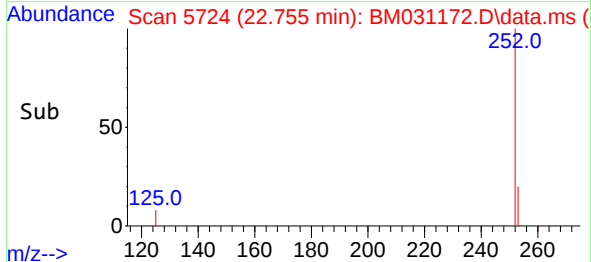
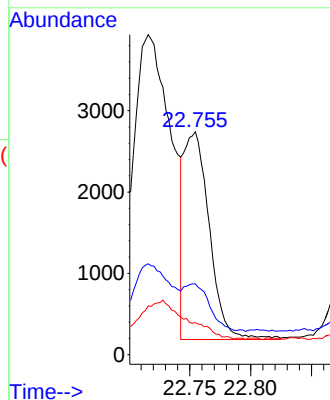
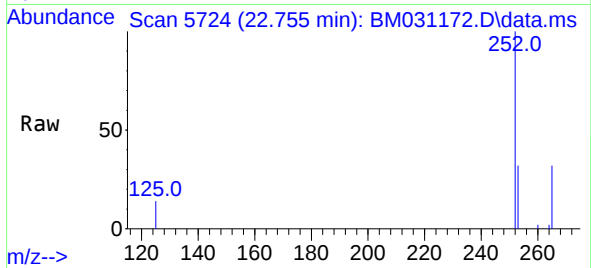
#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 22.755 min Scan# 5724
Delta R.T. -0.014 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

Tgt Ion:252 Resp: 3694
Ion Ratio Lower Upper
252 100
253 31.7 21.6 32.4
125 14.3 8.6 13.0#

Instrument :
BNA_M
ClientSampled :
BGEC8DL

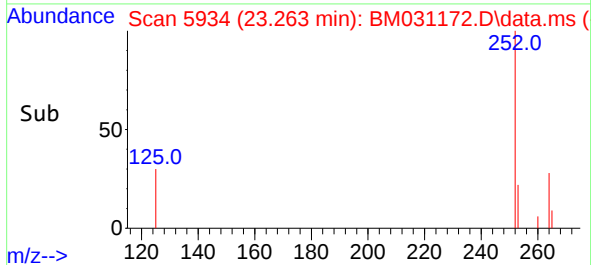
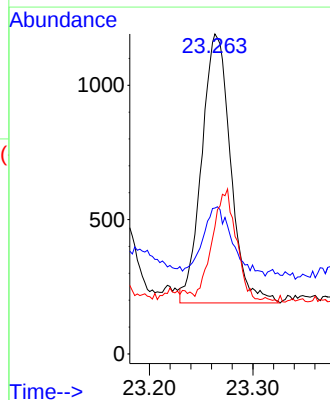
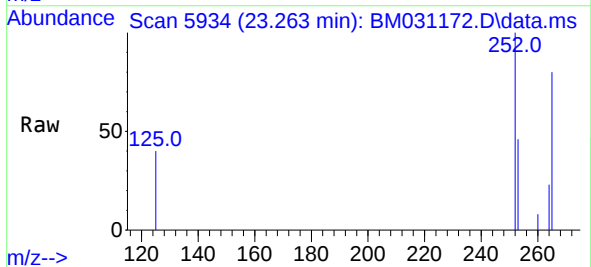
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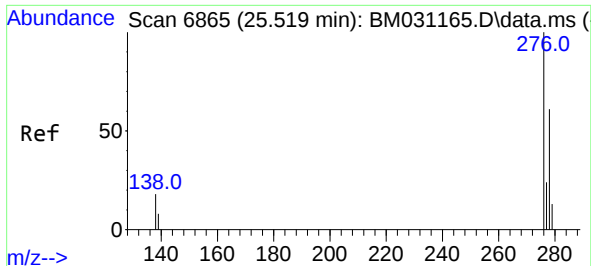
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#26
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.263 min Scan# 5934
Delta R.T. -0.017 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

Tgt Ion:252 Resp: 1940
Ion Ratio Lower Upper
252 100
253 45.6 23.1 34.7#
125 39.7 10.7 16.1#





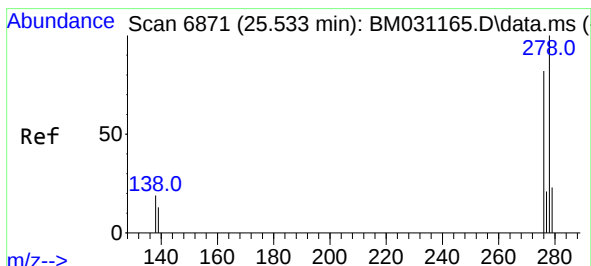
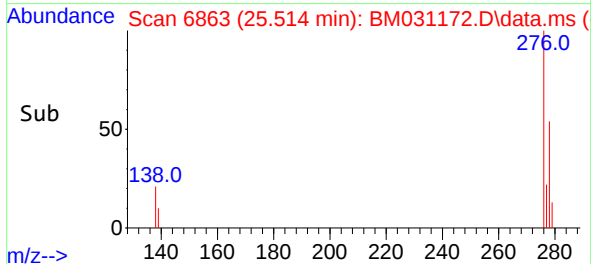
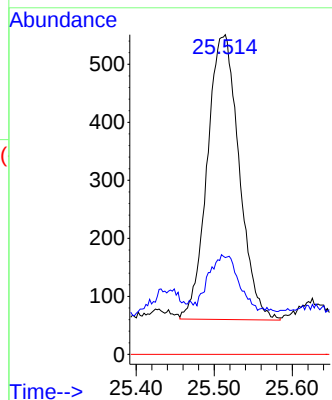
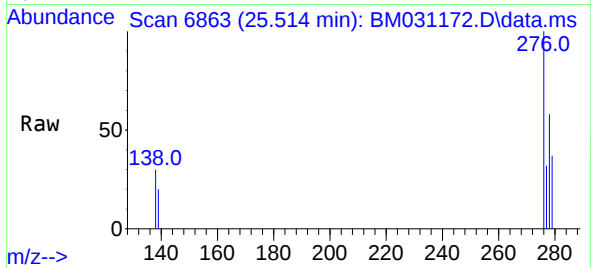
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

Tgt Ion:	276	Resp:	1391
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.4	23.0
227	0.0	0.0	0.0

Instrument :
BNA_M
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#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.521 min Scan# 6866
Delta R.T. -0.031 min
Lab File: BM031172.D
Acq: 26 Jul 2021 20:50

Tgt Ion:	278	Resp:	909
Ion Ratio	Lower	Upper	
278	100		
139	31.9	12.6	18.8#
279	59.2	22.6	34.0#

