

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031351.D
 Acq On : 01 Aug 2021 16:10
 Operator : CG/JU
 Sample : M3107-17
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD17

Manual Integrations
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Quant Time: Aug 02 01:17:37 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	5416	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3149	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.982	188	6015	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	4519	0.400	ng/ul	# 0.00
23) Perylene-d12	23.334	264	4426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	3316	2.078	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	1110	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	2106	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	670	0.042	ng/ul#	80
10) Acenaphthylene	13.954	152	407	0.030	ng/ul#	65
15) Phenanthrene	17.023	178	1993	0.104	ng/ul	96
16) Anthracene	17.114	178	1345	0.075	ng/ul#	90
19) Fluoranthene	19.043	202	7338	0.380	ng/ul#	96
20) Pyrene	19.405	202	6856	0.350	ng/ul#	95
21) Benzo(a)anthracene	21.157	228	4358	0.239	ng/ul#	91
22) Chrysene	21.207	228	3938	0.209	ng/ul	96
24) Benzo(b)fluoranthene	22.692	252	5003m	0.251	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	2174m	0.106	ng/ul	
26) Benzo(a)pyrene	23.239	252	3458	0.198	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.478	276	2033	0.090	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.485	278	592	0.033	ng/ul#	16

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

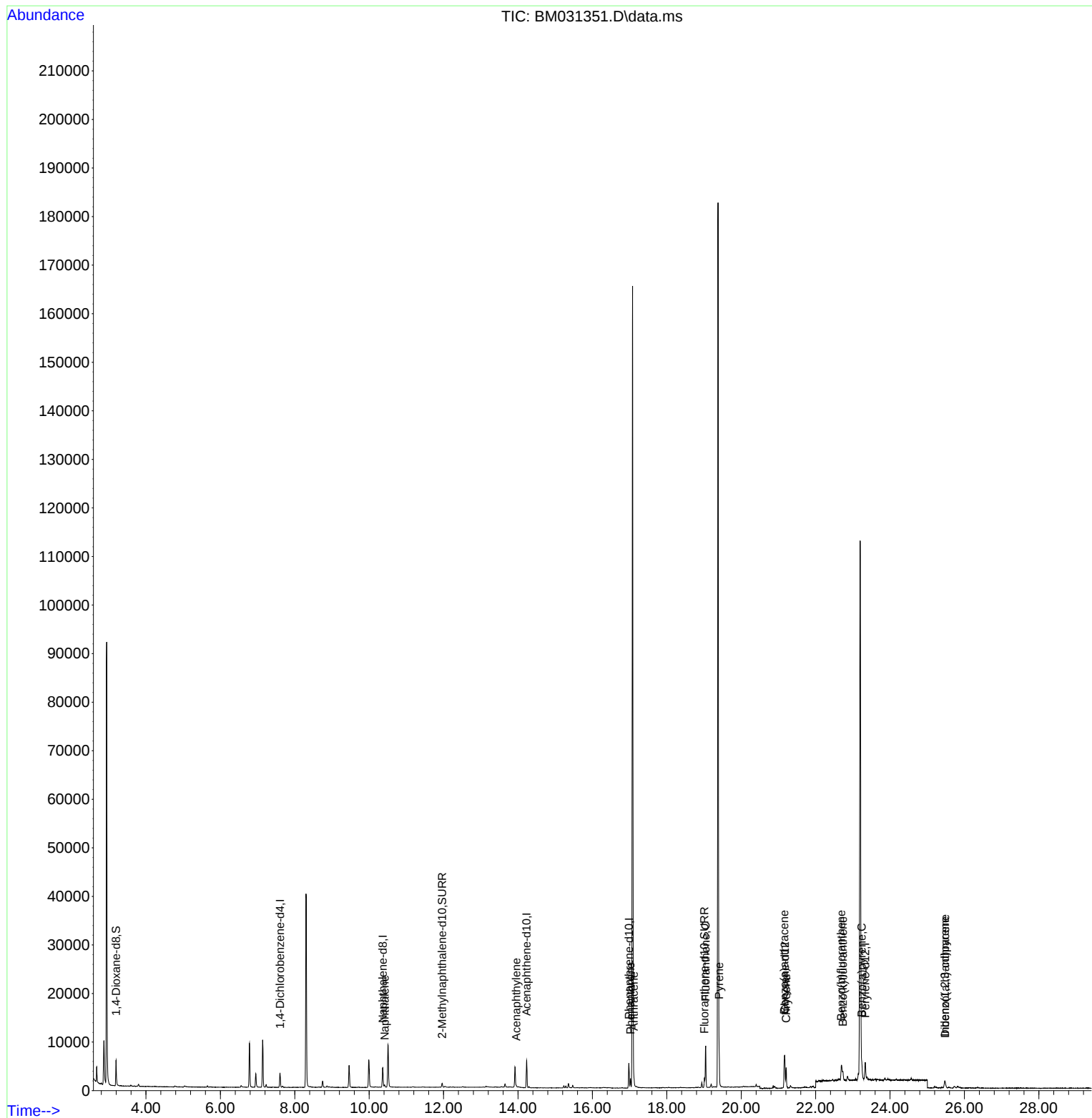
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031351.D
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ALS Vial : 47 Sample Multiplier: 1

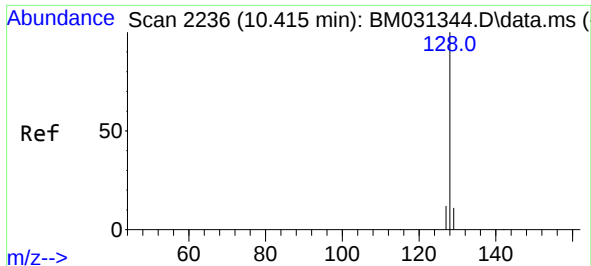
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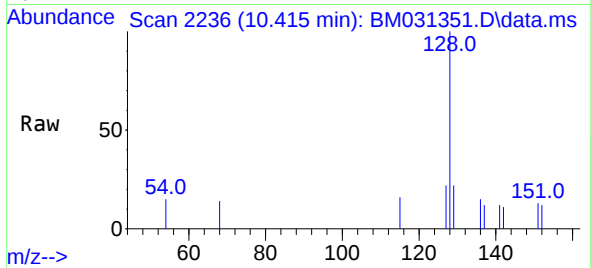
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Quant Time: Aug 02 01:17:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

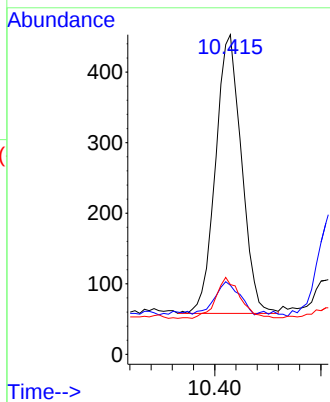
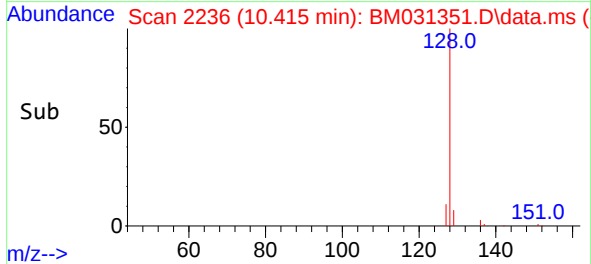




#5
Naphthalene
Concen: 0.042 ng/u1
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10



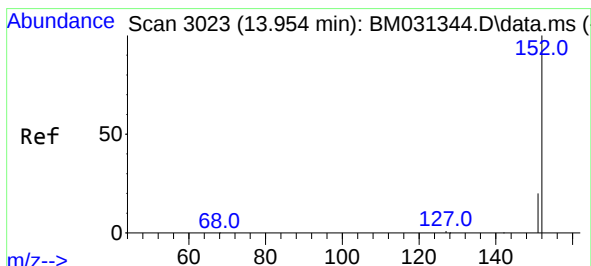
Tgt Ion:128 Resp: 670
Ion Ratio Lower Upper
128 100
129 21.6 10.0 15.0#
127 21.9 11.6 17.4#



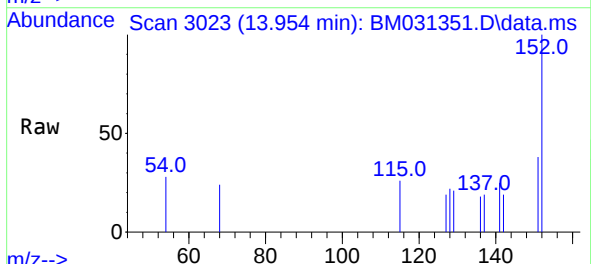
Instrument :
BNA_M
ClientSampled :
BGD17

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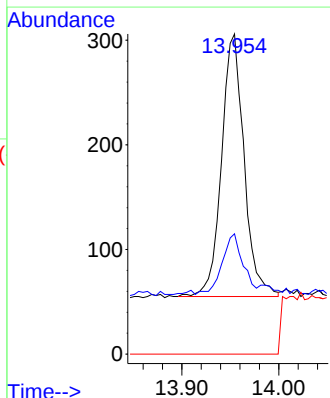
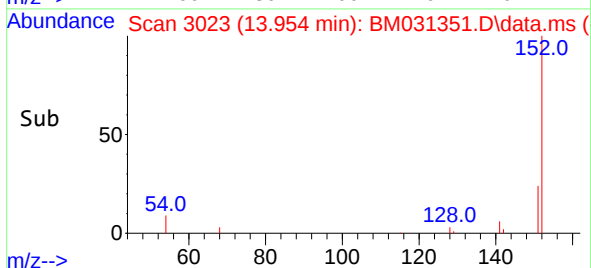
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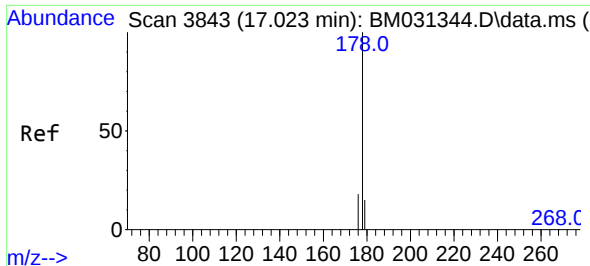


#10
Acenaphthylene
Concen: 0.030 ng/u1
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10



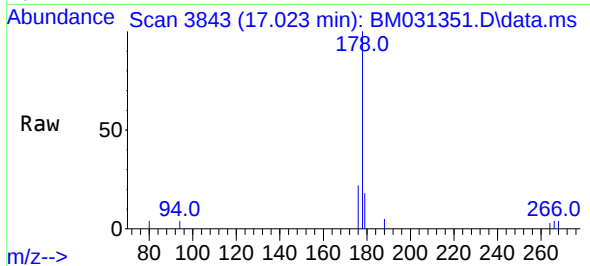
Tgt Ion:152 Resp: 407
Ion Ratio Lower Upper
152 100
151 37.6 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.006 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10

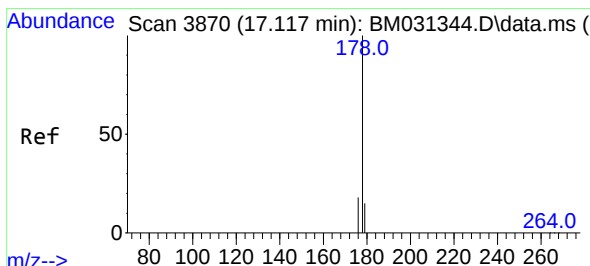
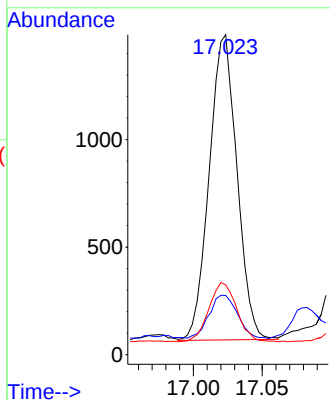
Instrument :
BNA_M
ClientSampled :
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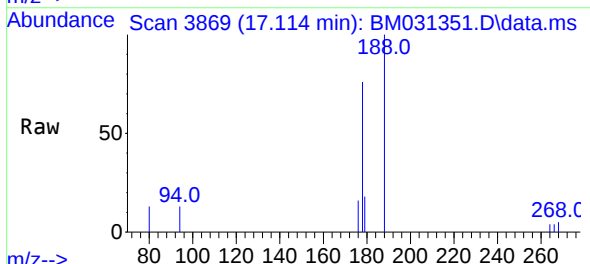
Tgt Ion:	178	Resp:	1993
Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.3	19.9
176	21.8	16.2	24.4

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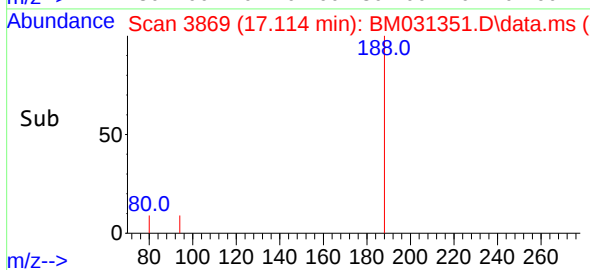
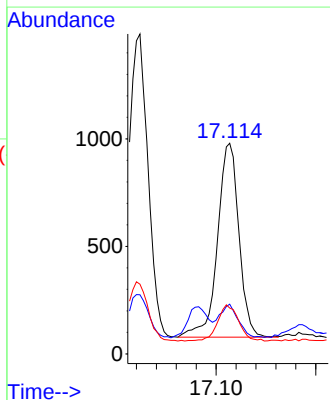
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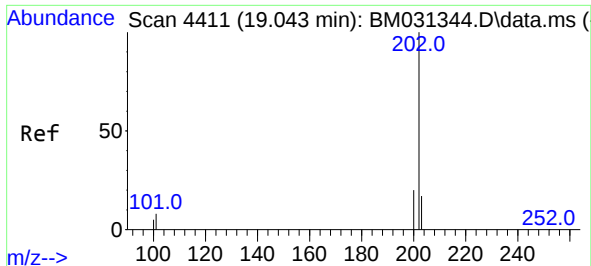


#16
Anthracene
Concen: 0.075 ng/ul
RT: 17.114 min Scan# 3869
Delta R.T. -0.006 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10



Tgt Ion:	178	Resp:	1345
Ion	Ratio	Lower	Upper
178	100		
179	23.6	13.0	19.6#
176	21.7	15.6	23.4





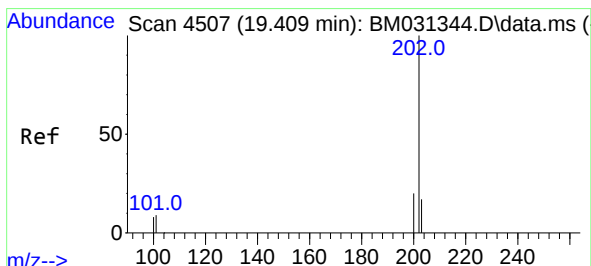
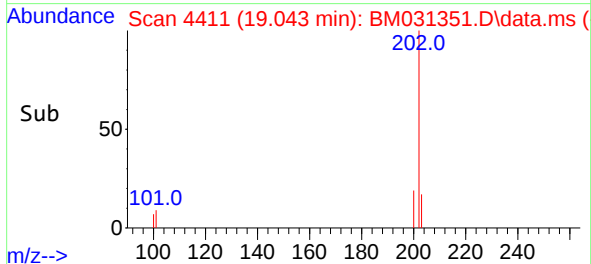
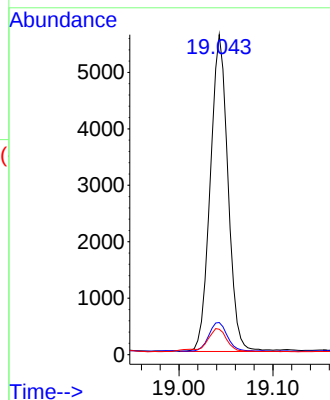
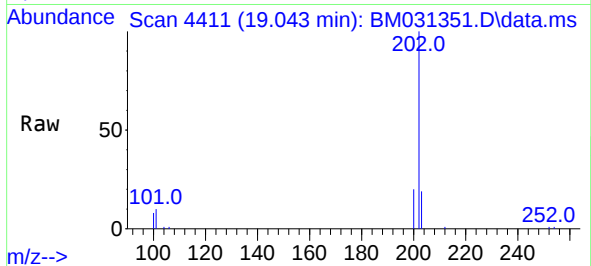
#19
Fluoranthene
Concen: 0.380 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10

Tgt Ion:202 Resp: 7338
Ion Ratio Lower Upper
202 100
101 10.1 6.6 10.0#
100 8.0 5.4 8.0

Instrument :
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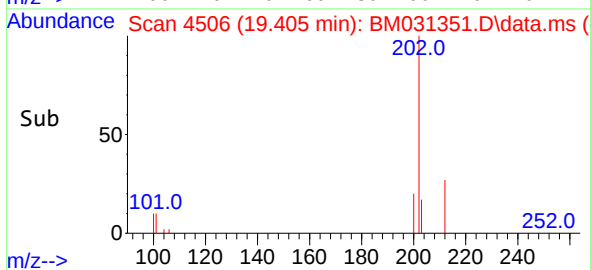
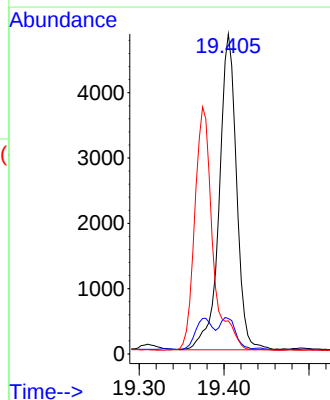
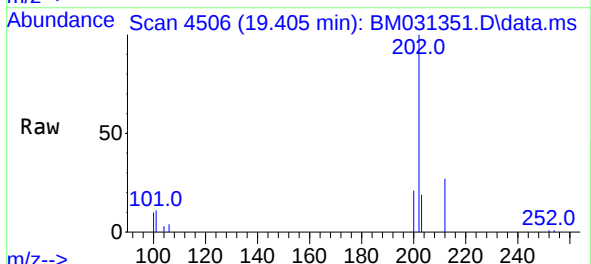
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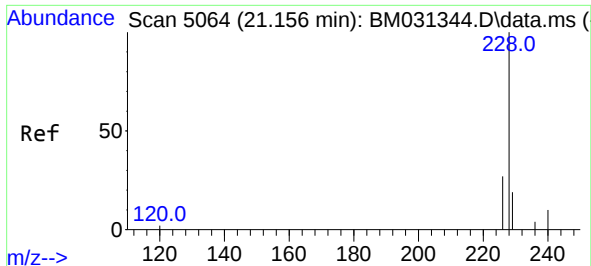
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#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10

Tgt Ion:202 Resp: 6856
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 10.4 6.6 10.0#





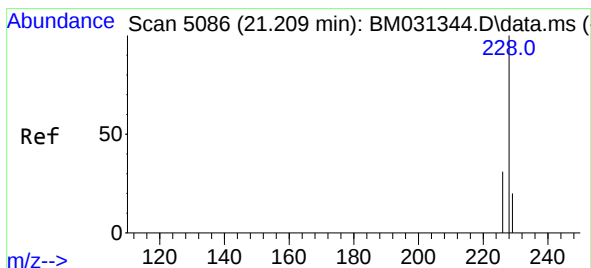
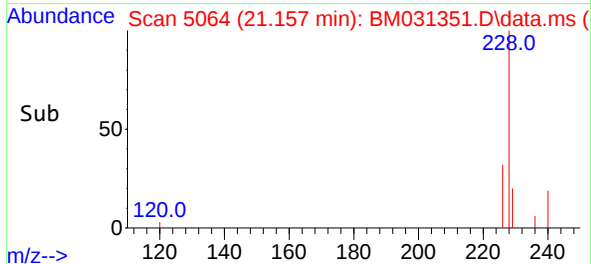
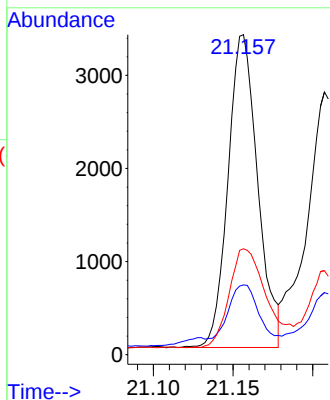
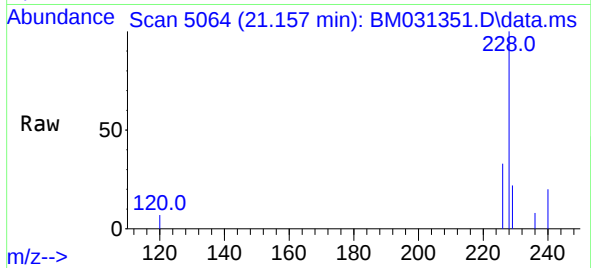
#21
Benzo(a)anthracene
Concen: 0.239 ng/u1
RT: 21.157 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031351.D
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Tgt Ion:228 Resp: 4358
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 33.1 21.7 32.5#

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ClientSampleId :
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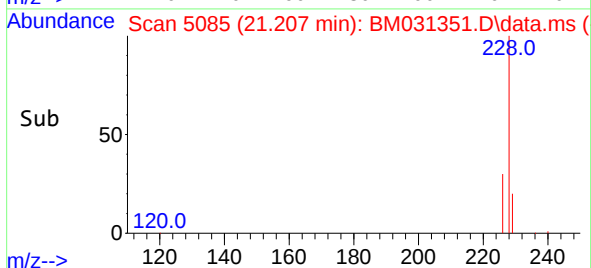
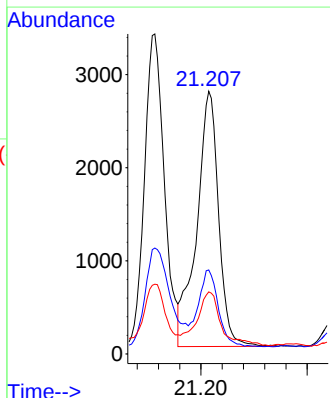
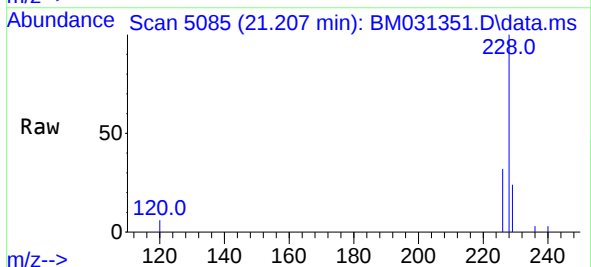
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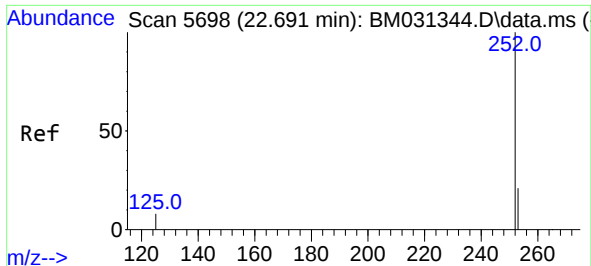
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#22
Chrysene
Concen: 0.209 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10

Tgt Ion:228 Resp: 3938
Ion Ratio Lower Upper
228 100
226 32.0 24.7 37.1
229 23.6 16.2 24.2





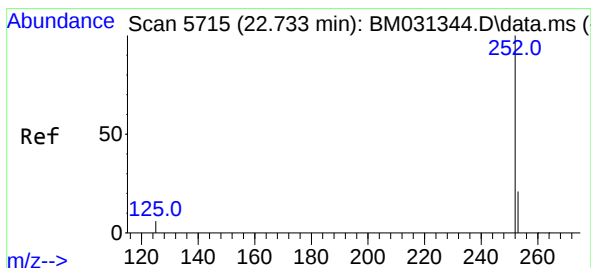
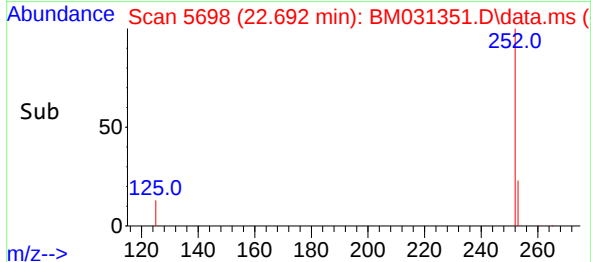
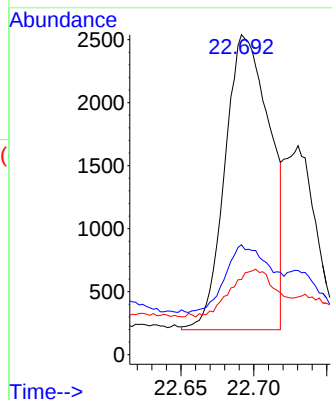
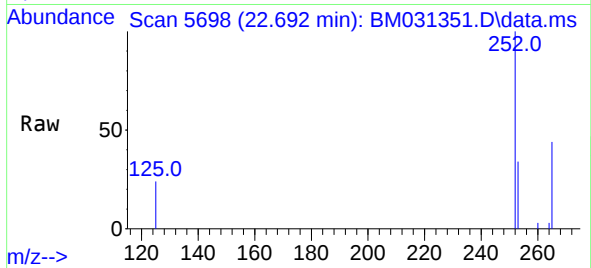
#24
Benzo(b)fluoranthene
Concen: 0.251 ng/ul m
RT: 22.692 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10

Tgt Ion:	252	Resp:	5003
Ion Ratio	Lower	Upper	
252	100		
253	34.3	0.0	53.0
125	23.5	0.0	22.8#

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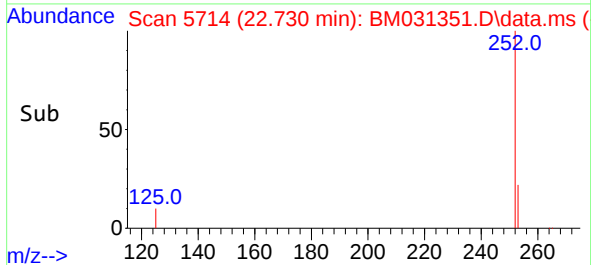
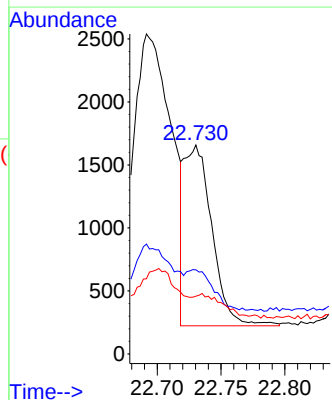
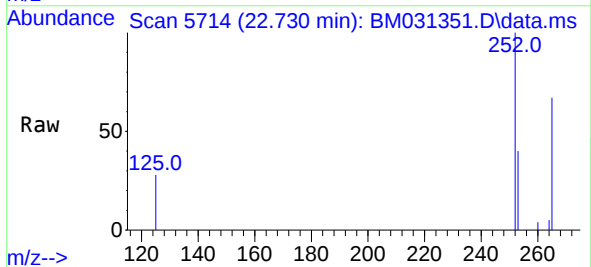
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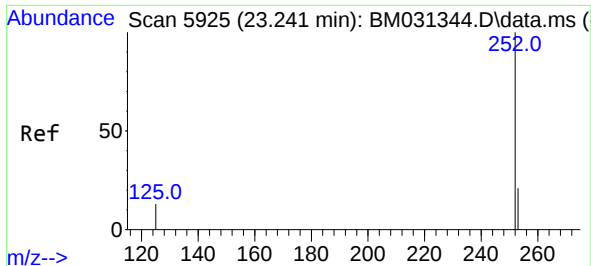
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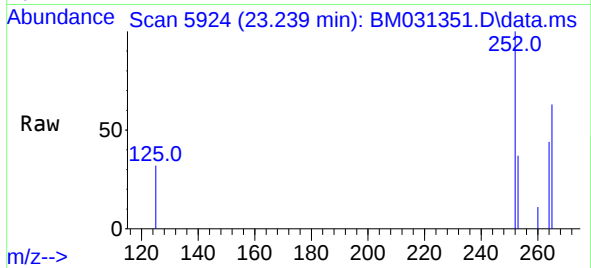
#25
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10

Tgt Ion:	252	Resp:	2174
Ion Ratio	Lower	Upper	
252	100		
253	40.3	21.3	31.9#
125	27.6	8.8	13.2#

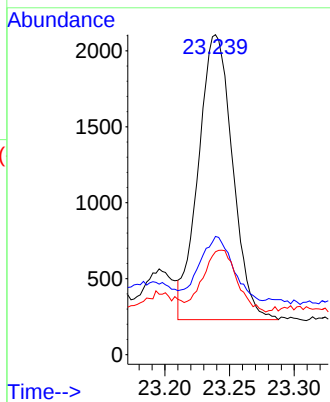
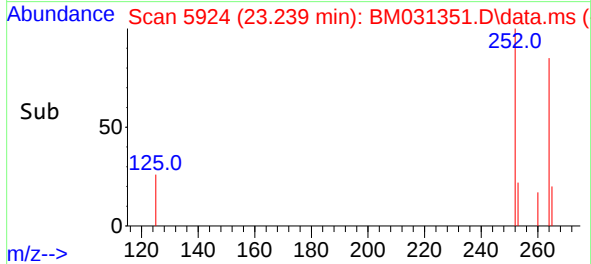




#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10



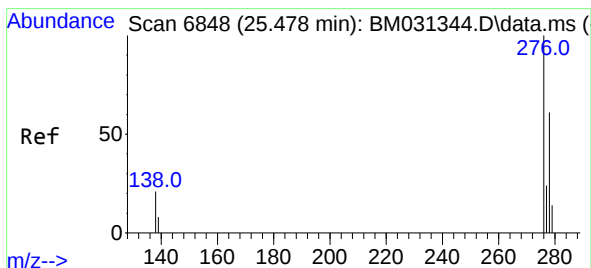
Tgt Ion:252 Resp: 3458
Ion Ratio Lower Upper
252 100
253 36.9 22.4 33.6#
125 32.1 13.0 19.4#



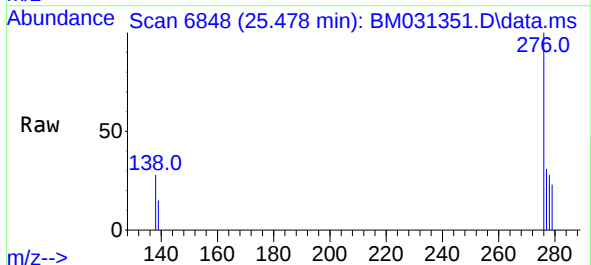
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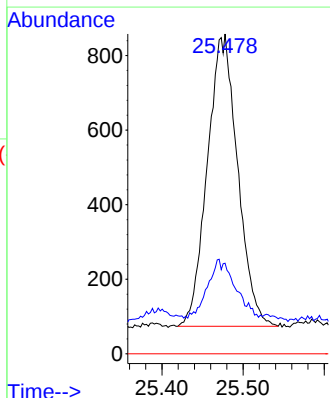
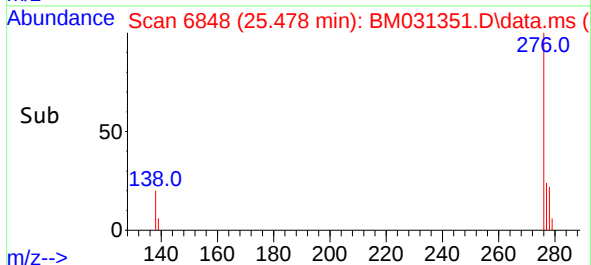
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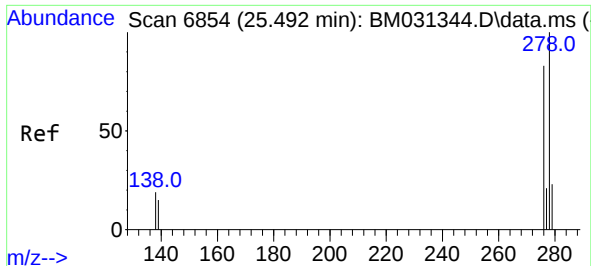


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031351.D
Acq: 01 Aug 2021 16:10



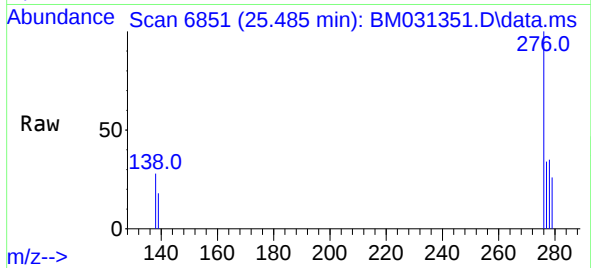
Tgt Ion:276 Resp: 2033
Ion Ratio Lower Upper
276 100
138 21.7 15.8 23.8
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.033 ng/ul
 RT: 25.485 min Scan# 6851
 Delta R.T. -0.019 min
 Lab File: BM031351.D
 Acq: 01 Aug 2021 16:10

Instrument :
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Tgt Ion: 278 Resp: 592
 Ion Ratio Lower Upper
 278 100
 139 51.2 13.3 19.9#
 279 74.0 22.8 34.2#

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