

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031363.D
 Acq On : 02 Aug 2021 00:07
 Operator : CG/JU
 Sample : M3107-21
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN4

Manual Integrations
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Quant Time: Aug 02 01:19:02 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	1497	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	5724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3374	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6493	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	5303	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	5286	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	3167	1.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	1331	0.138	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	2757	0.156	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	6911	0.405	ng/ul	100
7) 2-Methylnaphthalene	12.034	142	1285	0.110	ng/ul	99
8) 1-Methylnaphthalene	12.259	142	986	0.086	ng/ul	98
10) Acenaphthylene	13.954	152	9099	0.633	ng/ul	99
11) Acenaphthene	14.296	153	5277	0.436	ng/ul	98
12) Fluorene	15.289	166	8439	0.606	ng/ul	100
15) Phenanthrene	17.023	178	234018	11.350	ng/ul	97
16) Anthracene	17.114	178	61660	3.194	ng/ul	98
19) Fluoranthene	19.047	202	556731	24.586	ng/ul	97
20) Pyrene	19.409	202	475632	20.709	ng/ul	97
21) Benzo(a)anthracene	21.159	228	309408	14.449	ng/ul	98
22) Chrysene	21.210	228	278356	12.564	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	455729m	19.135	ng/ul	
25) Benzo(k)fluoranthene	22.735	252	133319m	5.418	ng/ul	
26) Benzo(a)pyrene	23.244	252	299602	14.364	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.480	276	232459	8.622	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.487	278	48909	2.251	ng/ul	97
29) Benzo(g,h,i)perylene	26.132	276	33661	1.464	ng/ul	95

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

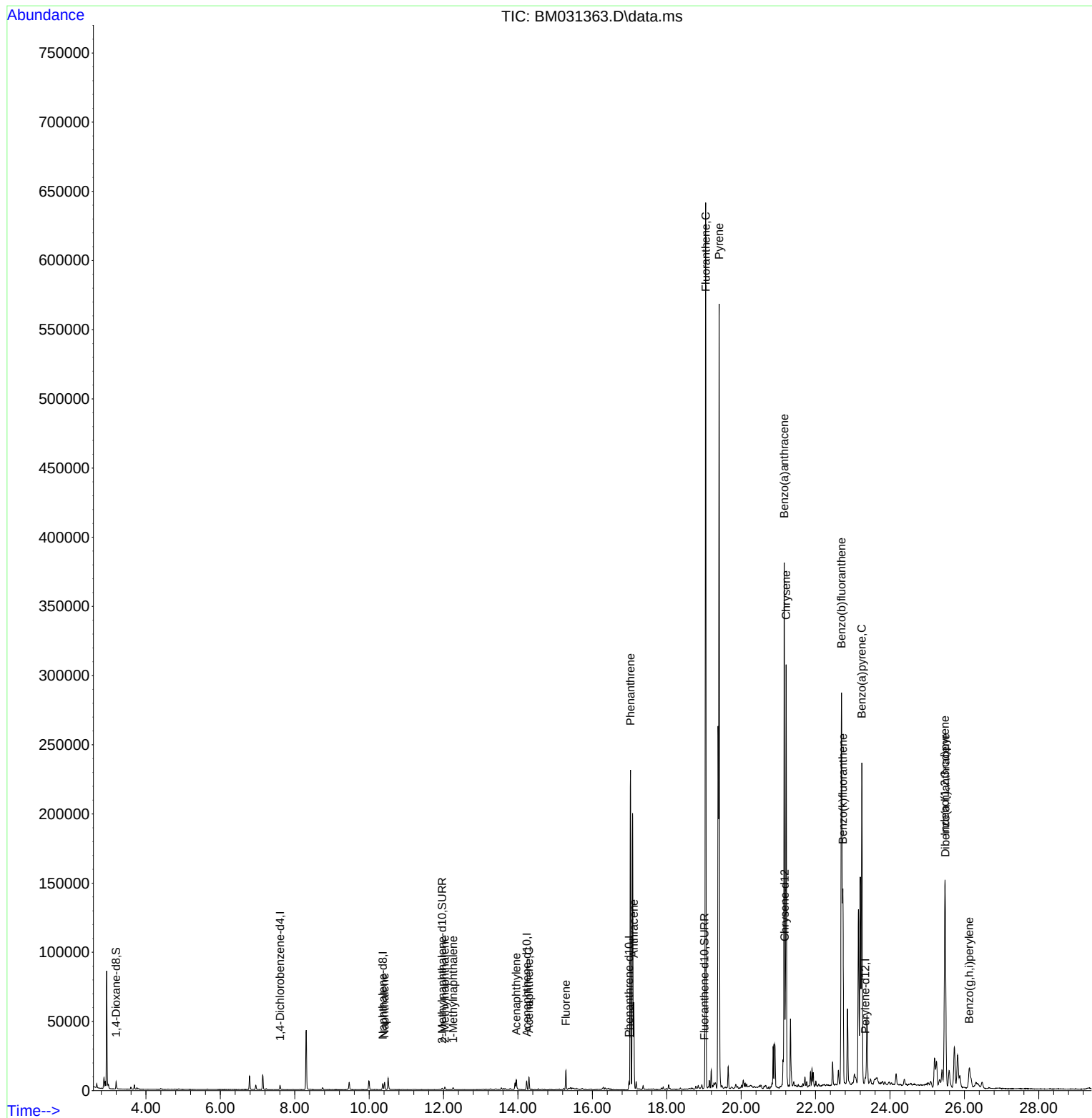
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031363.D
Acq On : 02 Aug 2021 00:07
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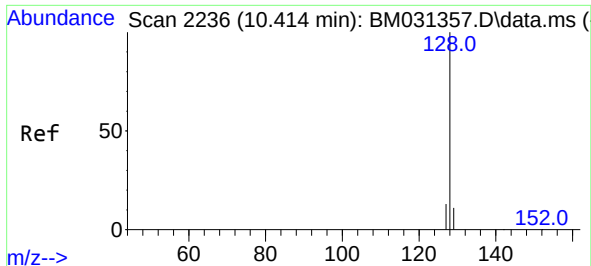
Instrument :
BNA_M
ClientSampleId :
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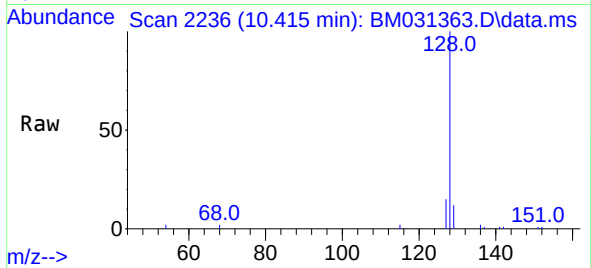
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Quant Time: Aug 02 01:19:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



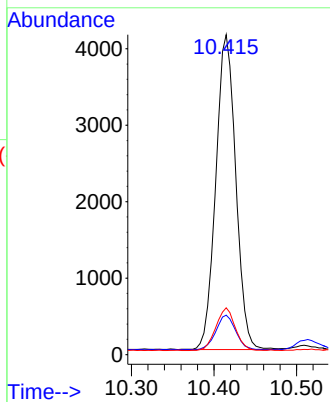
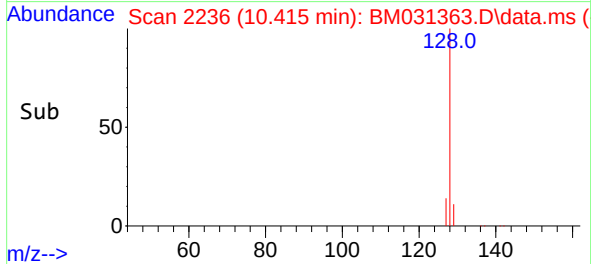


#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



Tgt Ion:128 Resp: 6911

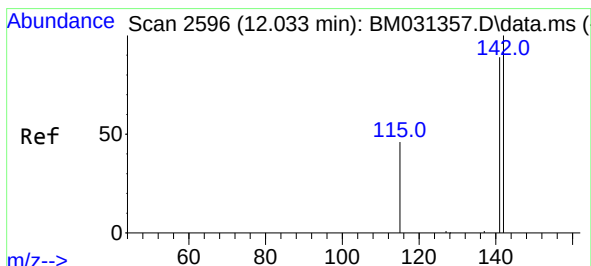
Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	14.6	11.6	17.4



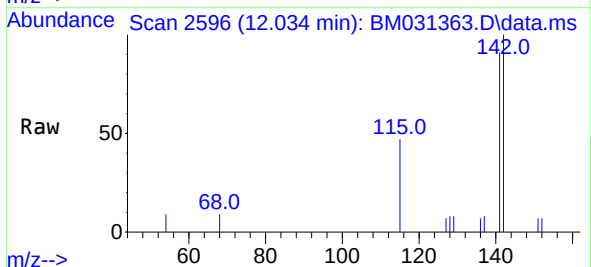
Instrument :
BNA_M
ClientSampled :
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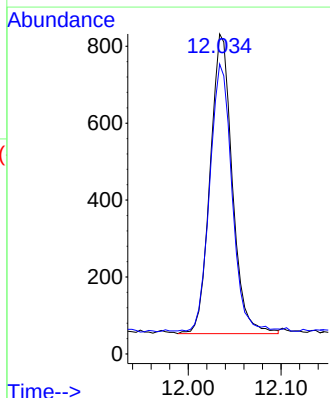
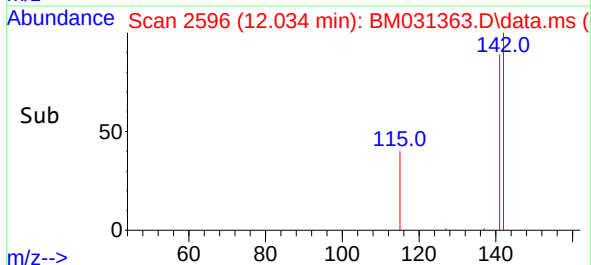


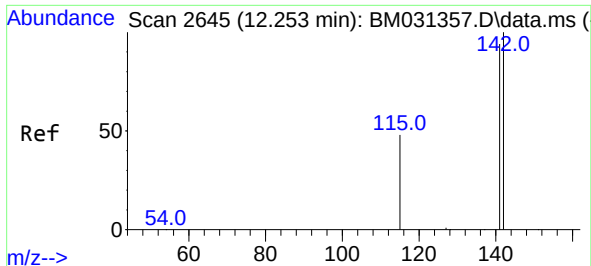
#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



Tgt Ion:142 Resp: 1285

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0





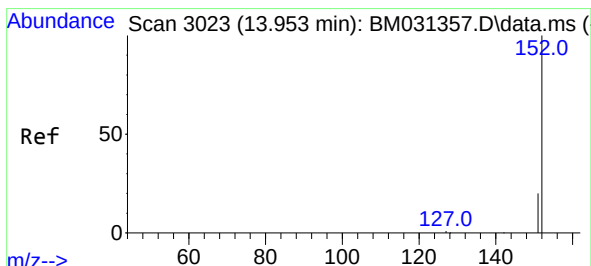
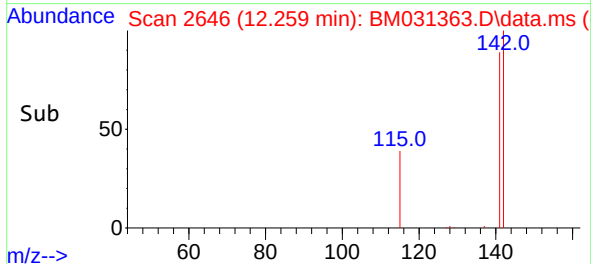
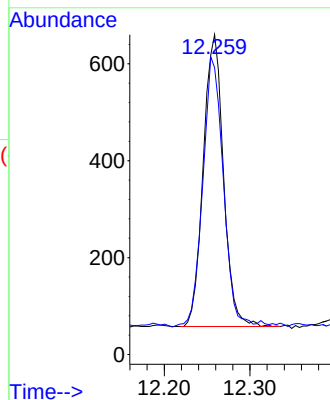
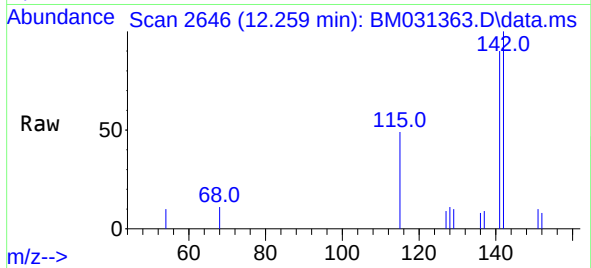
#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07

Tgt Ion:142 Resp: 986
Ion Ratio Lower Upper
142 100
141 94.3 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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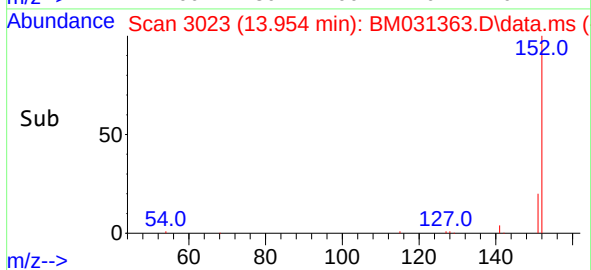
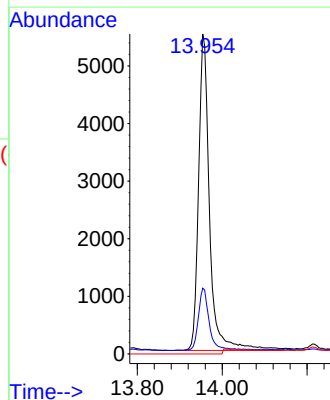
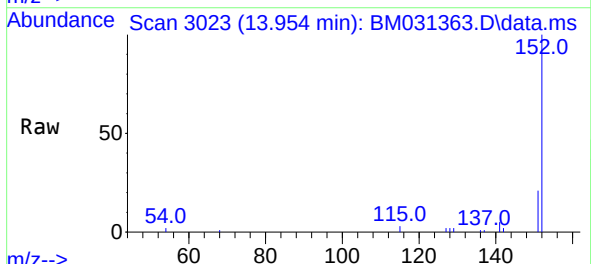
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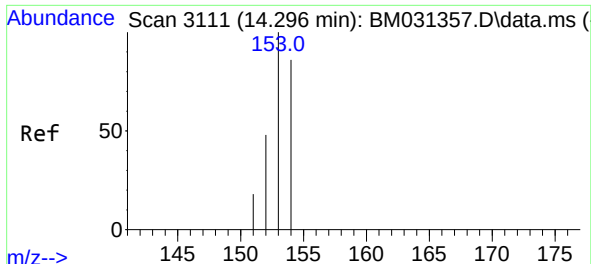
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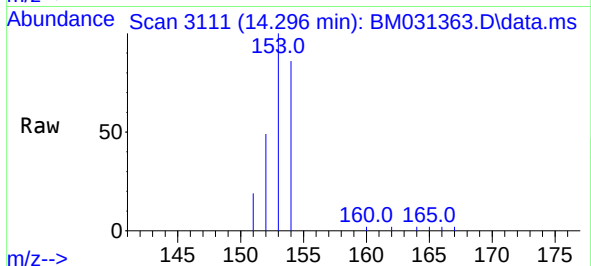
#10
Acenaphthylene
Concen: 0.633 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07

Tgt Ion:152 Resp: 9099
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0

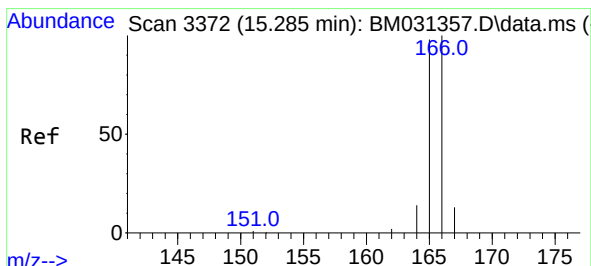
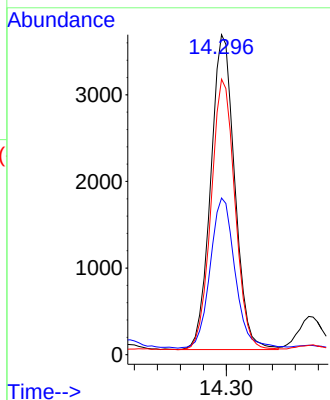
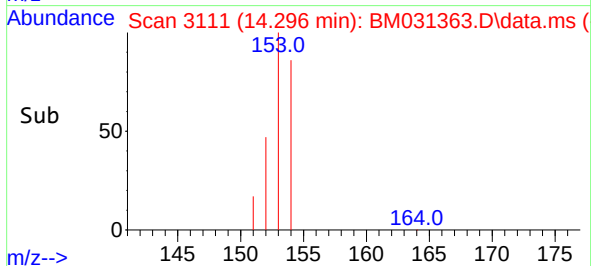




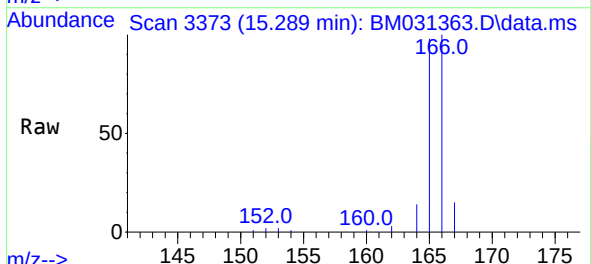
#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



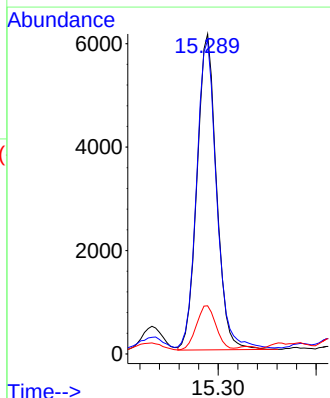
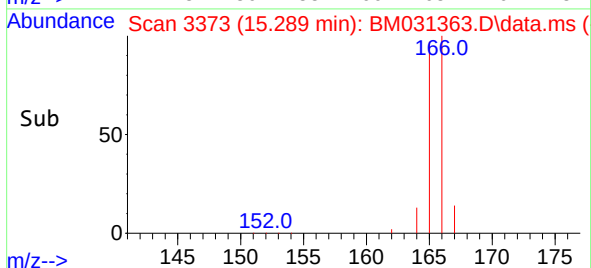
Tgt Ion:153 Resp: 5277
Ion Ratio Lower Upper
153 100
152 48.9 40.7 61.1
154 86.1 70.2 105.2



#12
Fluorene
Concen: 0.606 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



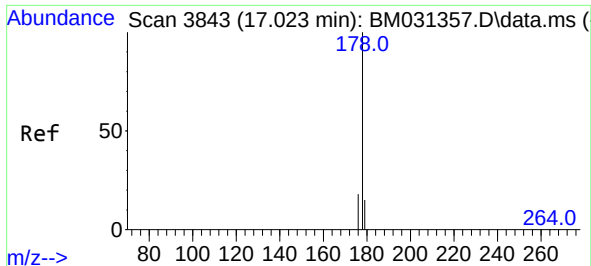
Tgt Ion:166 Resp: 8439
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 15.0 12.0 18.0



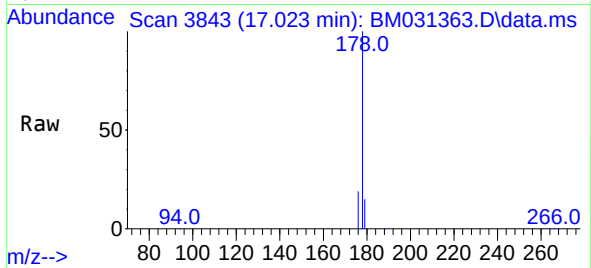
Instrument :
BNA_M
ClientSampleId :
BGEN4

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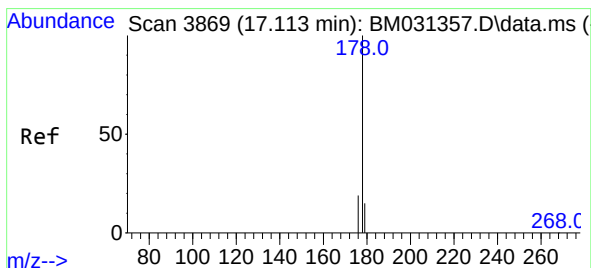
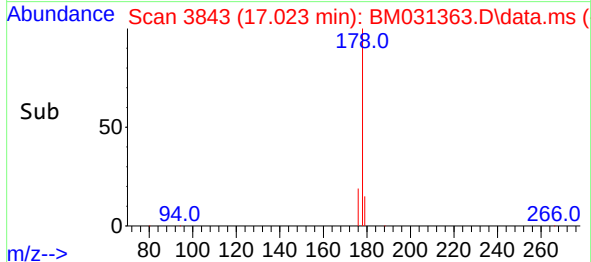
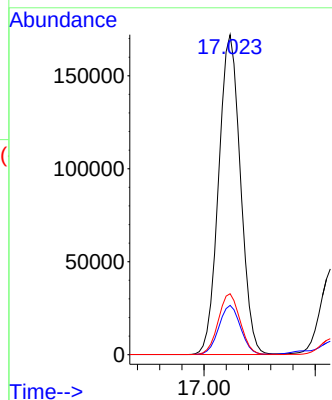
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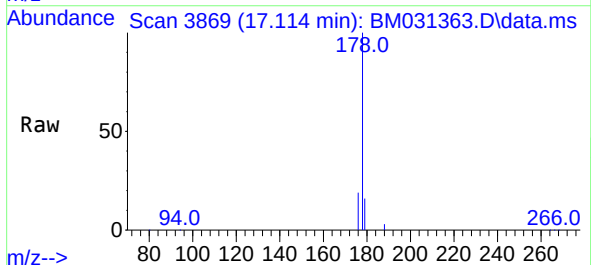
#15
Phenanthrene
Concen: 11.350 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



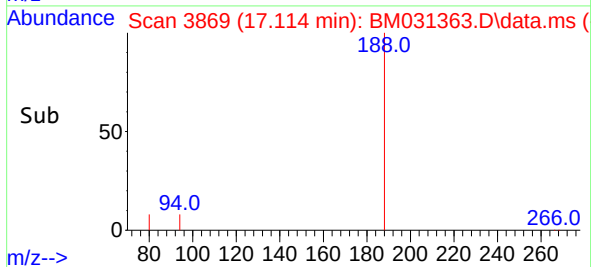
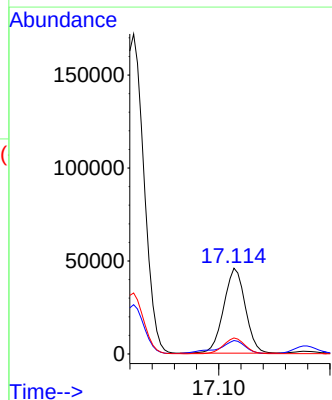
Tgt Ion:178 Resp: 234018
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4



#16
Anthracene
Concen: 3.194 ng/ul
RT: 17.114 min Scan# 3869
Delta R.T. -0.006 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



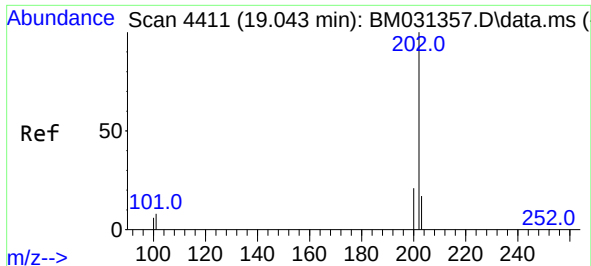
Tgt Ion:178 Resp: 61660
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.6 15.6 23.4



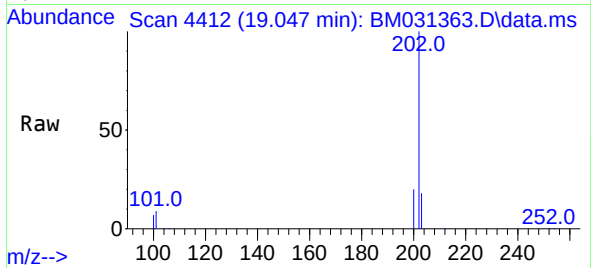
Instrument :
BNA_M
ClientSampled :
BGEN4

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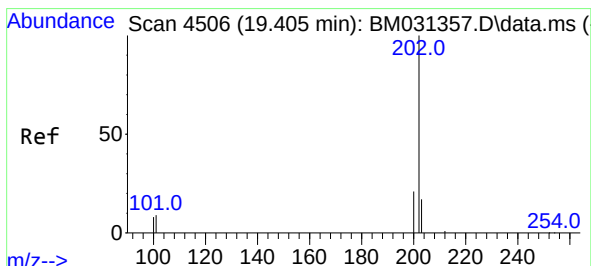
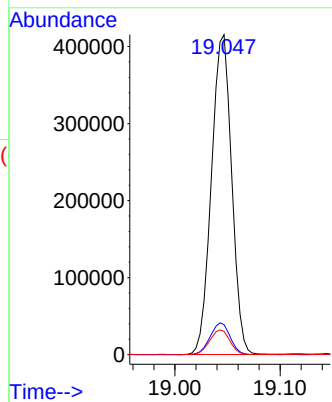
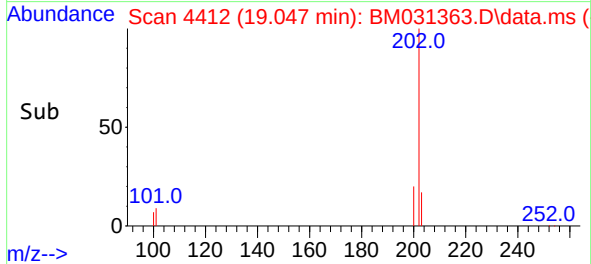
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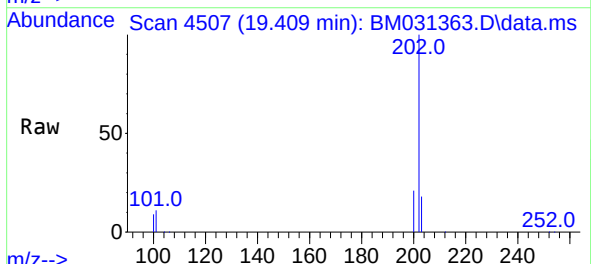
#19
Fluoranthene
Concen: 24.586 ng/u1
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



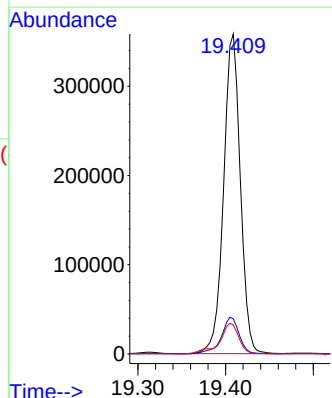
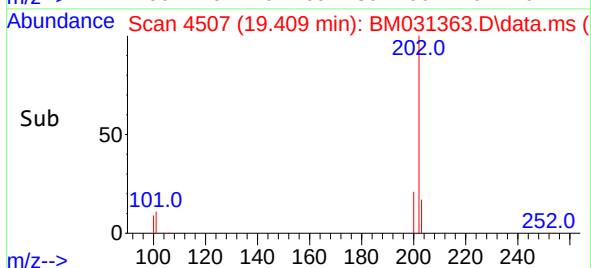
Tgt Ion:202 Resp: 556731
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.3 5.4 8.0



#20
Pyrene
Concen: 20.709 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



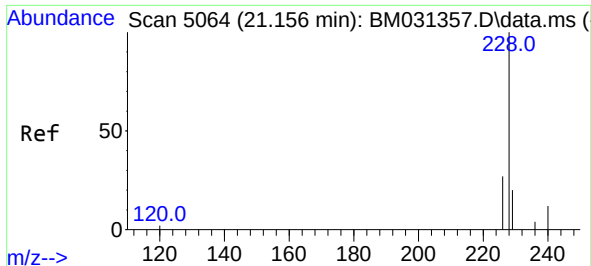
Tgt Ion:202 Resp: 475632
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.1 6.6 10.0



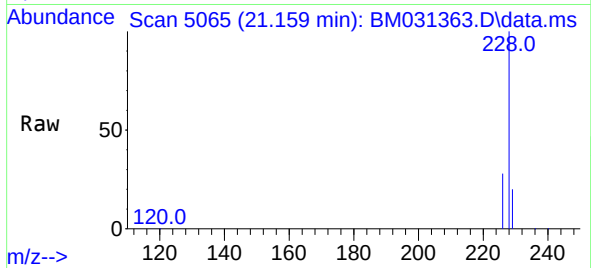
Instrument :
BNA_M
ClientSampled :
BGEN4

Manual Integrations
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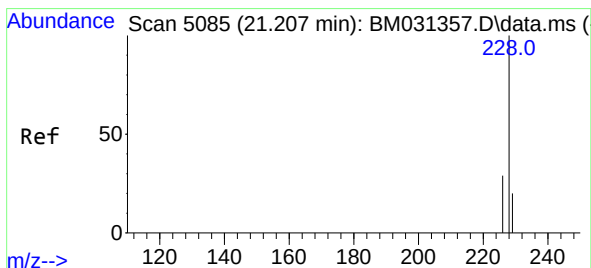
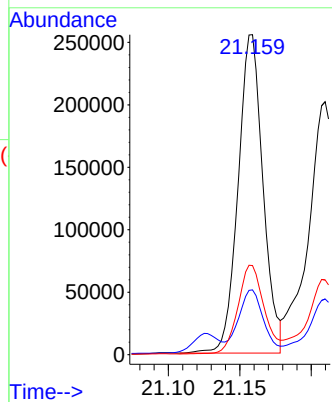
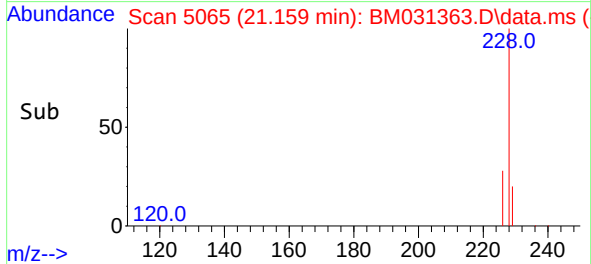
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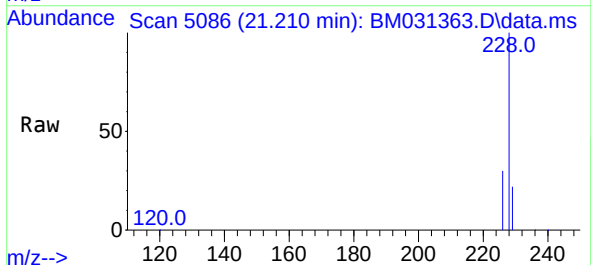
#21
Benzo(a)anthracene
Concen: 14.449 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



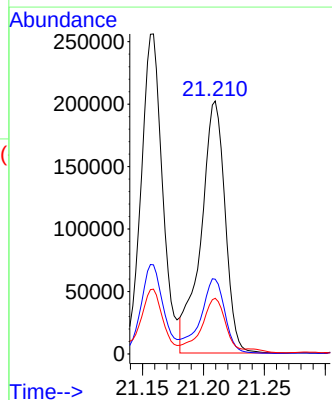
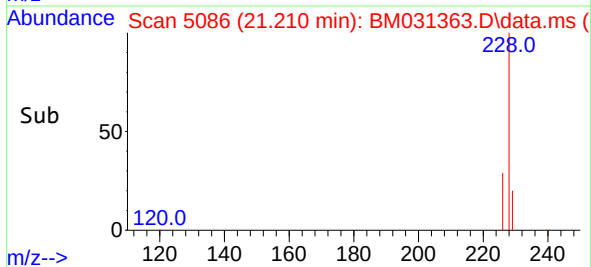
Tgt Ion:228 Resp: 309408
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 27.8 21.7 32.5



#22
Chrysene
Concen: 12.564 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



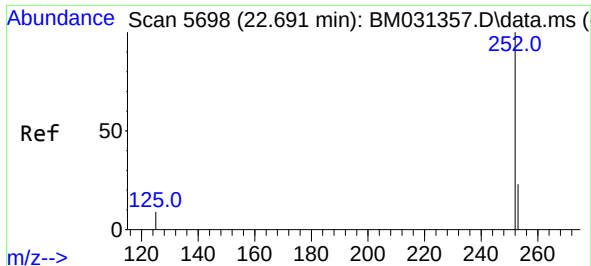
Tgt Ion:228 Resp: 278356
Ion Ratio Lower Upper
228 100
226 29.6 24.7 37.1
229 22.0 16.2 24.2



Instrument :
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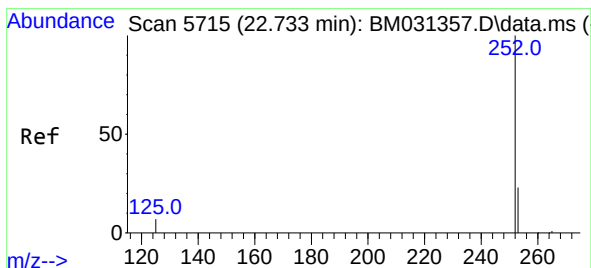
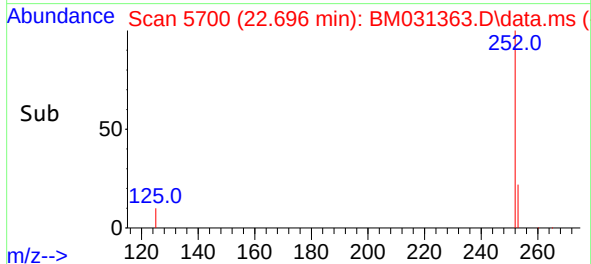
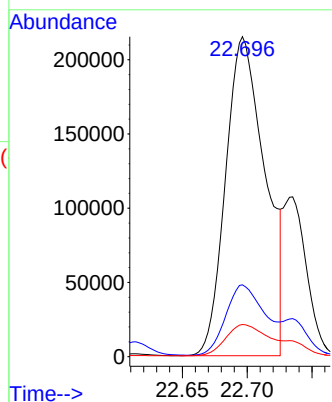
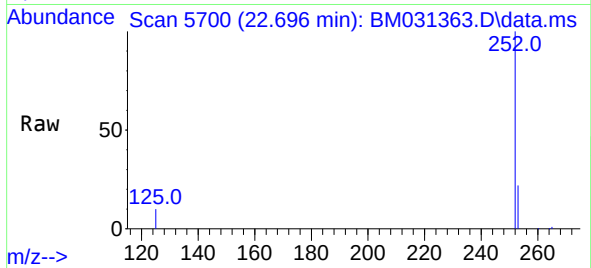
#24
Benzo(b)fluoranthene
Concen: 19.135 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07

Tgt Ion:252 Resp: 455729
Ion Ratio Lower Upper
252 100
253 22.5 0.0 53.0
125 10.0 0.0 22.8

Instrument :
BNA_M
ClientSampled :
BGEN4

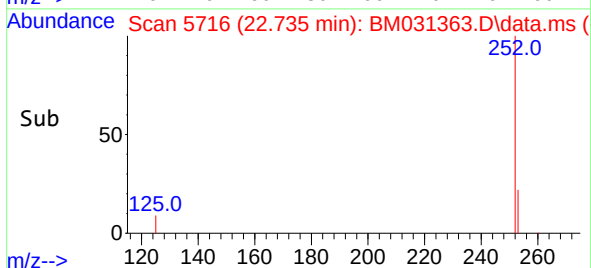
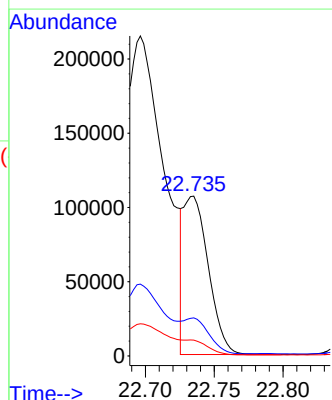
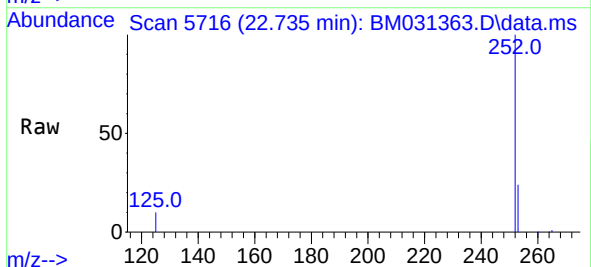
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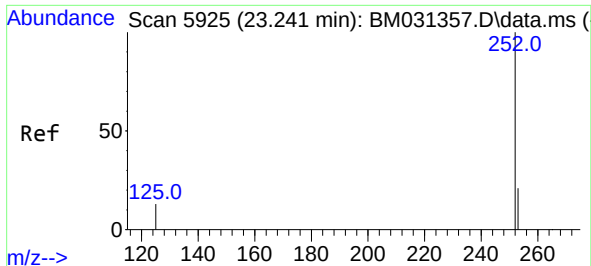
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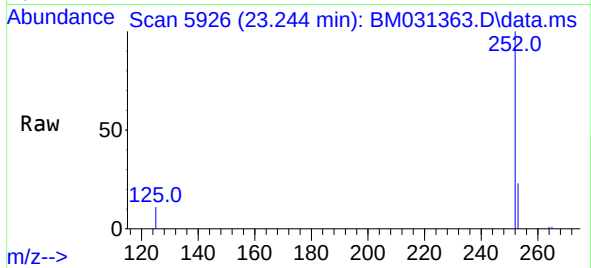
#25
Benzo(k)fluoranthene
Concen: 5.418 ng/ul m
RT: 22.735 min Scan# 5716
Delta R.T. -0.004 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07

Tgt Ion:252 Resp: 133319
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 9.9 8.8 13.2

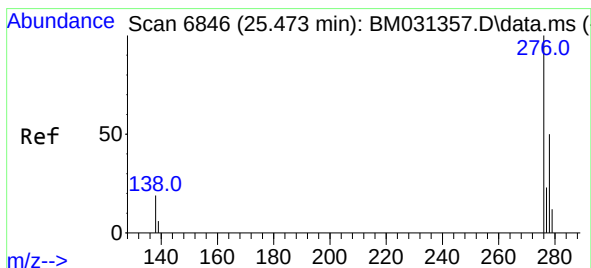
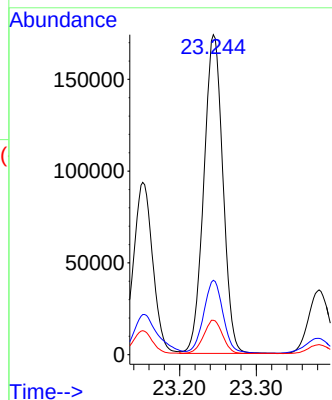
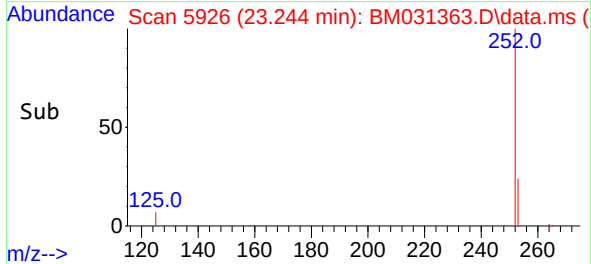




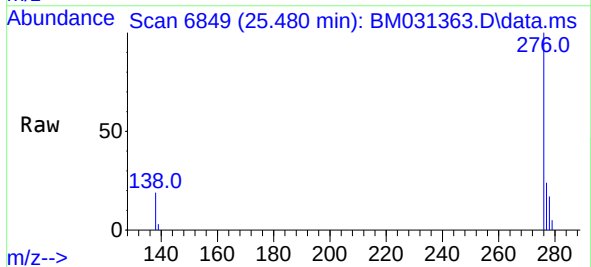
#26
Benzo(a)pyrene
Concen: 14.364 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.004 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



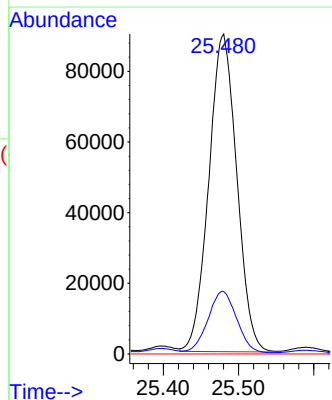
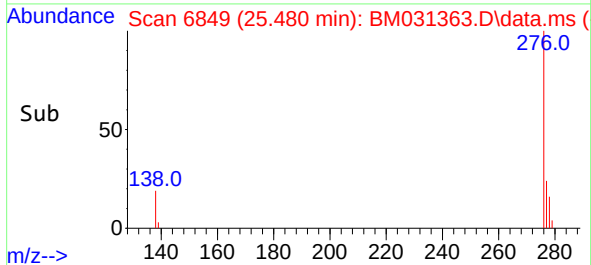
Tgt Ion:252 Resp: 299602
Ion Ratio Lower Upper
252 100
253 23.2 22.4 33.6
125 10.8 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.622 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



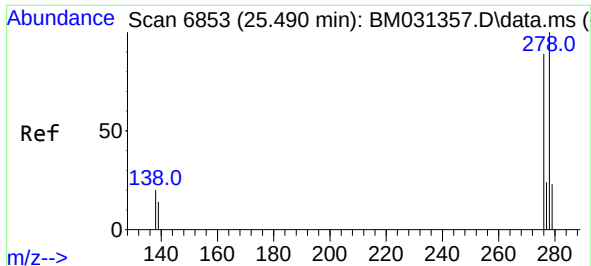
Tgt Ion:276 Resp: 232459
Ion Ratio Lower Upper
276 100
138 19.8 15.8 23.8
227 0.0 0.0 0.0



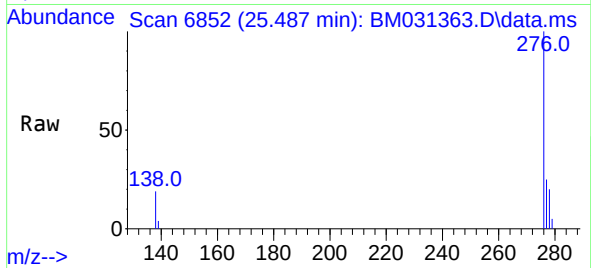
Instrument :
BNA_M
ClientSampleId :
BGEN4

Manual Integrations
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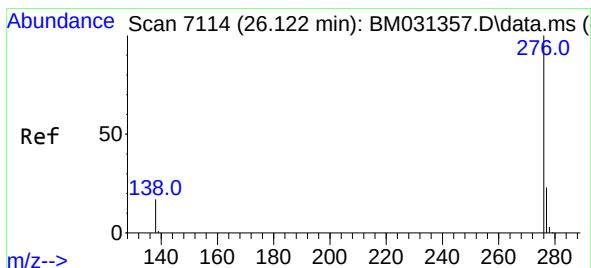
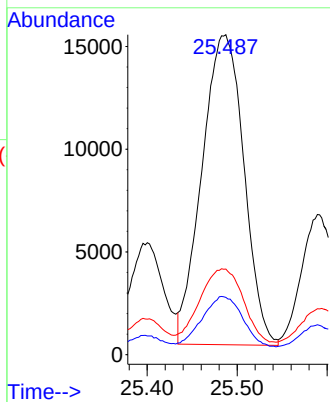
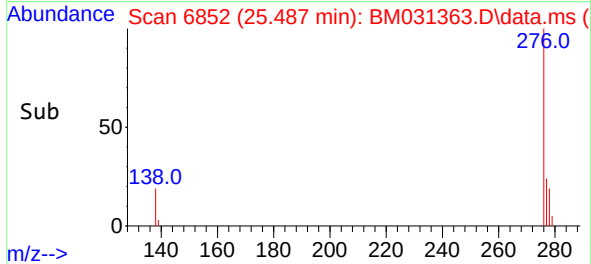
mohammad
8/2/2021 3:43:54 PM



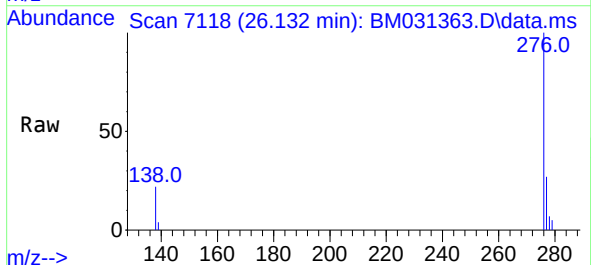
#28
Dibenzo(a,h)anthracene
Concen: 2.251 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.017 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



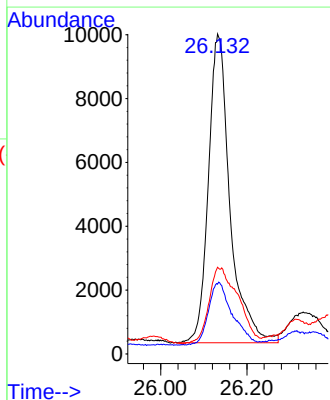
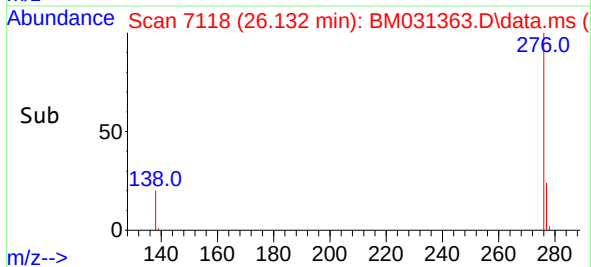
Tgt Ion: 278 Resp: 48909
Ion Ratio Lower Upper
278 100
139 17.9 13.3 19.9
279 26.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.464 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031363.D
Acq: 02 Aug 2021 00:07



Tgt Ion: 276 Resp: 33661
Ion Ratio Lower Upper
276 100
138 21.8 15.4 23.2
277 27.1 19.9 29.9



Instrument :
BNA_M
ClientSampled :
BGEN4

Manual Integrations
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8/2/2021 3:43:54 PM