

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031219.D
 Acq On : 28 Jul 2021 19:46
 Operator : CG/JU
 Sample : M3082-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0016

Manual Integrations
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Quant Time: Jul 29 03:21:43 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	2048	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7764	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.246	164	4861	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	9191	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	6522	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	6169	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	6681	2.937	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2917	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	5822	0.267	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.428	128	8611	0.372	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	8589	0.544	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	5358	0.343	ng/ul	99
10) Acenaphthylene	13.968	152	13649	0.659	ng/ul	99
11) Acenaphthene	14.307	153	2231	0.128	ng/ul	98
12) Fluorene	15.297	166	7555	0.377	ng/ul#	96
14) Pentachlorophenol	16.645	266	174	0.059	ng/ul	93
15) Phenanthrene	17.034	178	119957	4.110	ng/ul	97
16) Anthracene	17.124	178	56113	2.054	ng/ul	99
19) Fluoranthene	19.054	202	306288	10.998	ng/ul	98
20) Pyrene	19.416	202	189659	6.714	ng/ul	97
21) Benzo(a)anthracene	21.164	228	132296	5.023	ng/ul	98
22) Chrysene	21.217	228	154664	5.676	ng/ul	97
24) Benzo(b)fluoranthene	22.704	252	190336m	6.848	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	69267m	2.412	ng/ul	
26) Benzo(a)pyrene	23.254	252	60076	2.468	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.490	276	58049	1.845	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.504	278	22213	0.876	ng/ul	95
29) Benzo(g,h,i)perylene	26.149	276	4425	0.165	ng/ul#	68

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

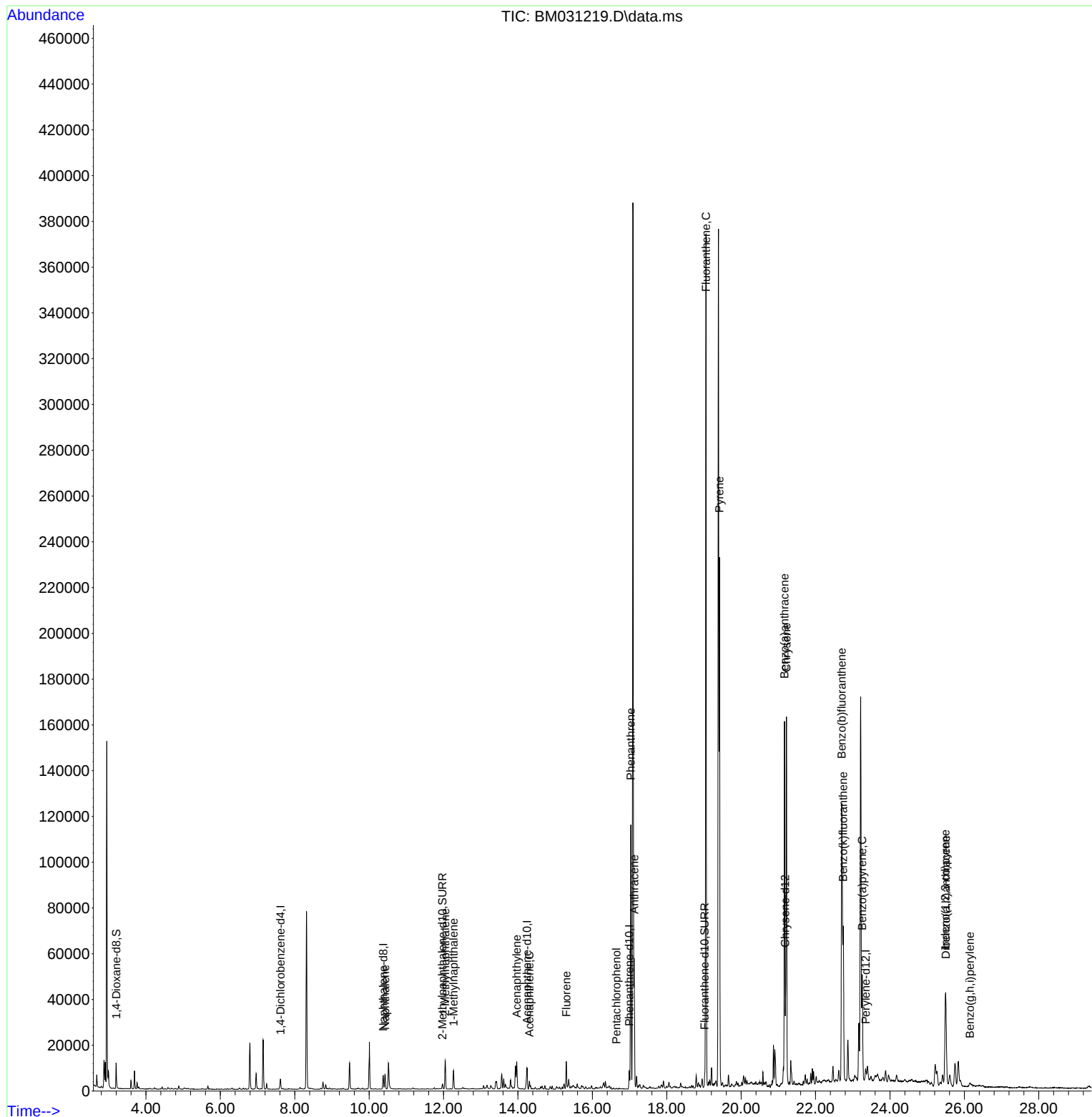
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Data File : BM031219.D
Acq On : 28 Jul 2021 19:46
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

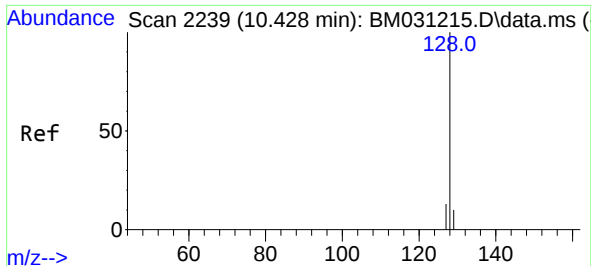
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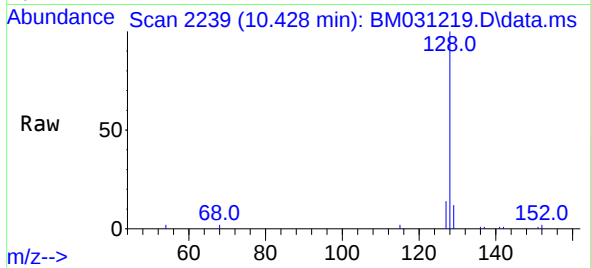
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Quant Time: Jul 29 03:21:43 2021
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QLast Update : Wed Jul 28 15:20:04 2021
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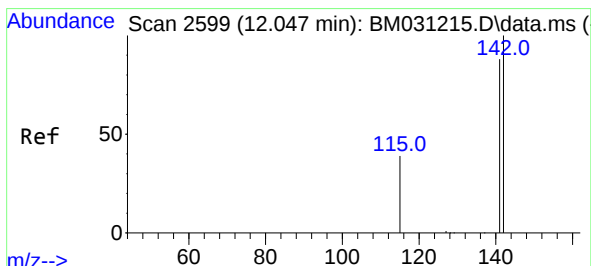
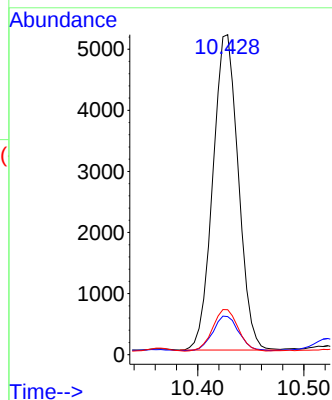
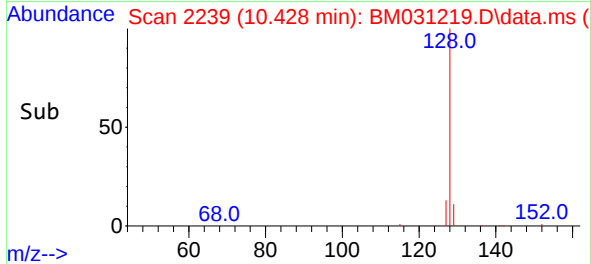




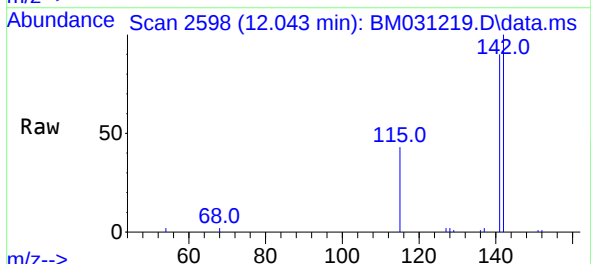
#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



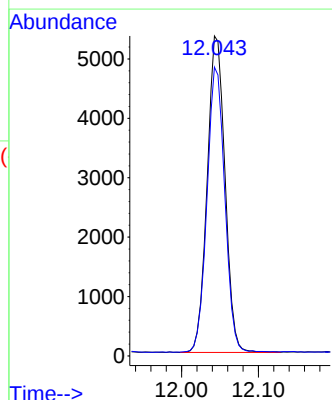
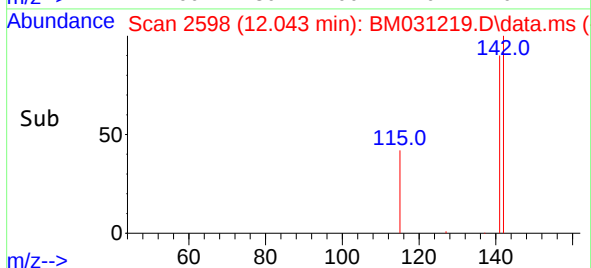
Tgt Ion:	128	Resp:	8611
Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	14.0	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.544 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



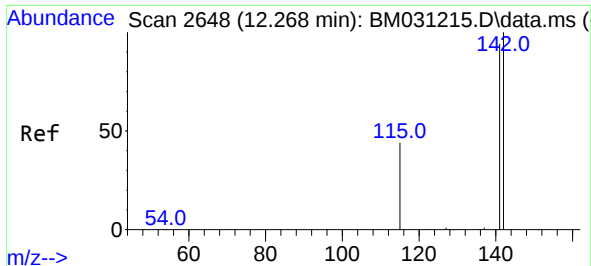
Tgt Ion:	142	Resp:	8589
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
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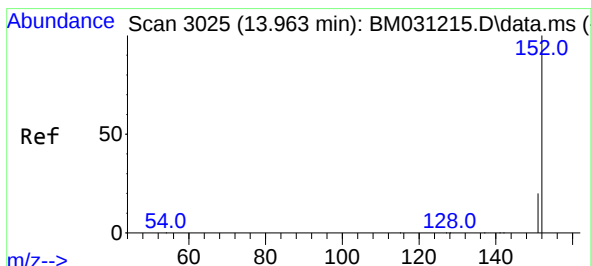
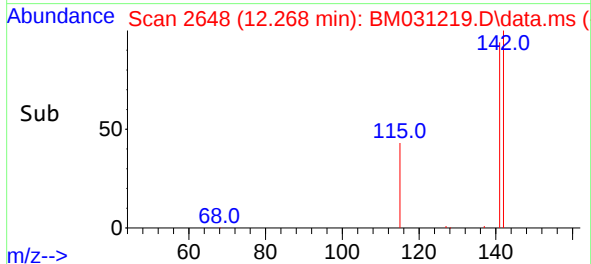
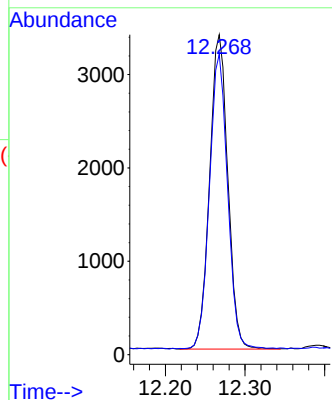
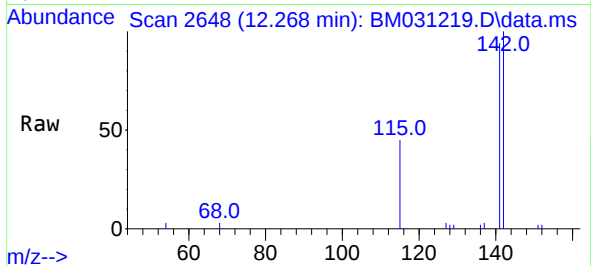
#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

Tgt Ion:142 Resp: 5358
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

Instrument :
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ClientSampled :
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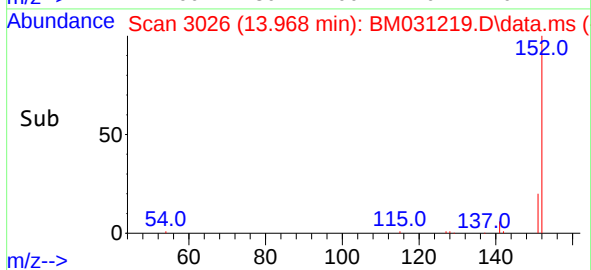
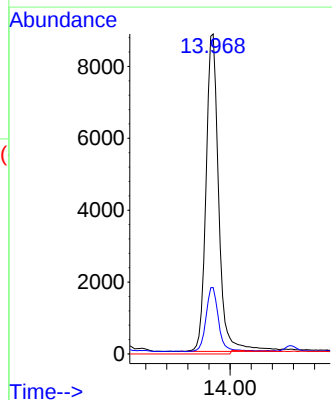
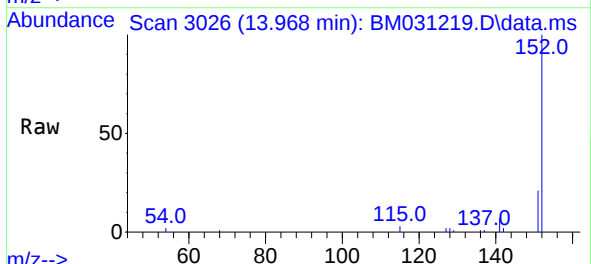
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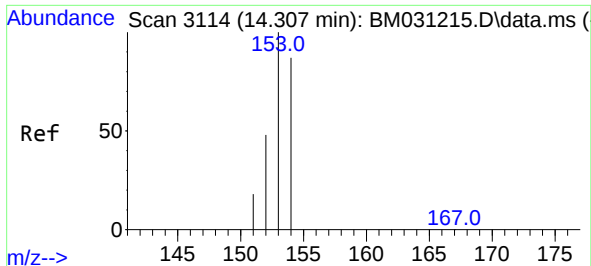
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#10
Acenaphthylene
Concen: 0.659 ng/ul
RT: 13.968 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

Tgt Ion:152 Resp: 13649
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 0.0 0.0 0.0





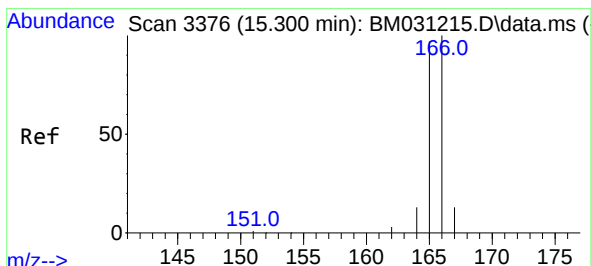
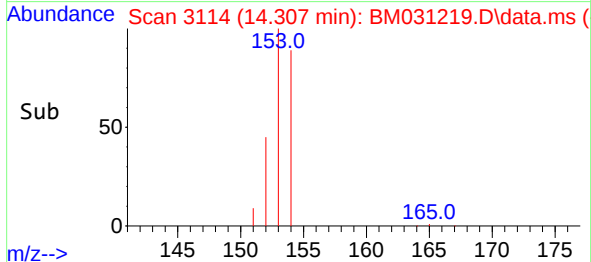
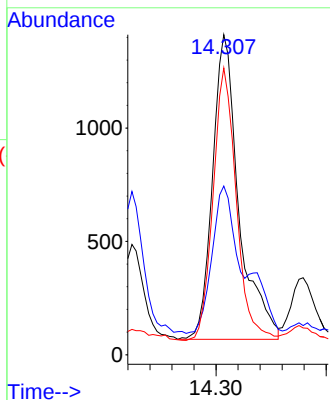
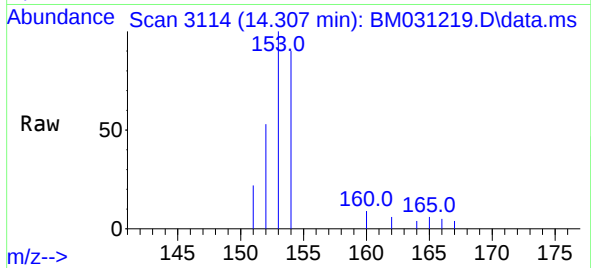
#11
Acenaphthene
Concen: 0.128 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

Tgt Ion:	153	Resp:	2231
Ion Ratio	Lower	Upper	
153	100		
152	52.7	40.7	61.1
154	89.6	70.2	105.2

Instrument :
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C0016

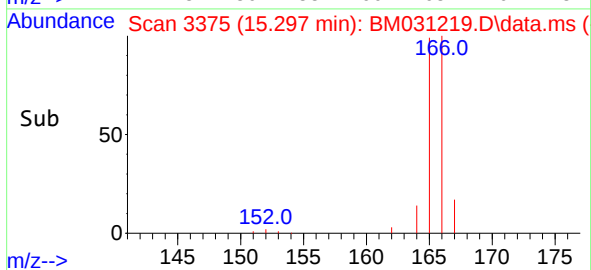
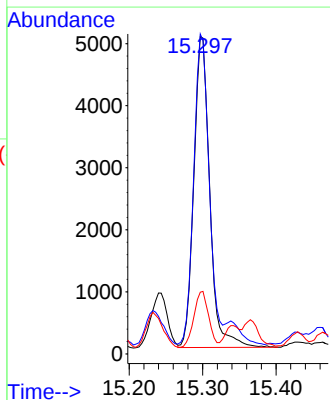
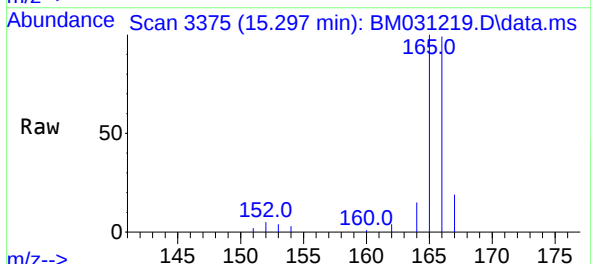
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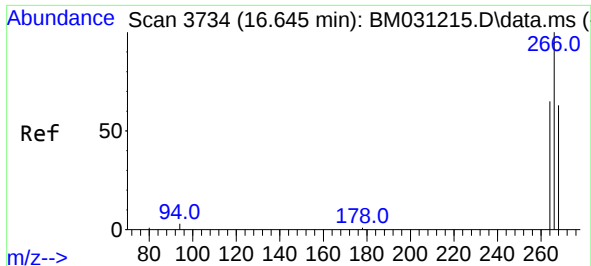
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#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

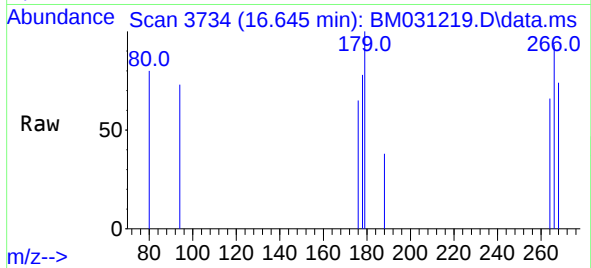
Tgt Ion:	166	Resp:	7555
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.0	117.0
167	19.4	12.0	18.0





#14
Pentachlorophenol
Concen: 0.059 ng/uI
RT: 16.645 min Scan# 3734
Delta R.T. -0.003 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

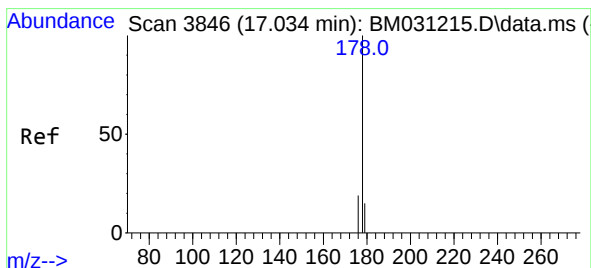
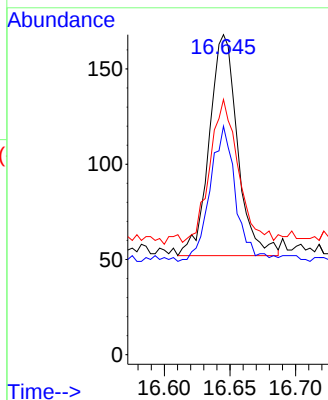
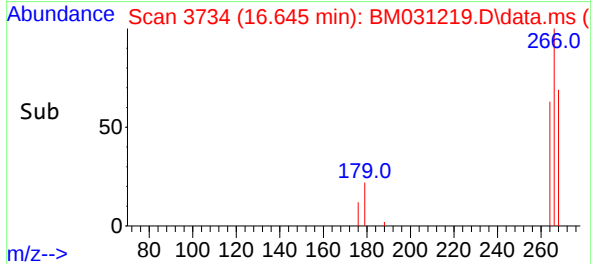
Instrument :
BNA_M
ClientSampled :
C0016



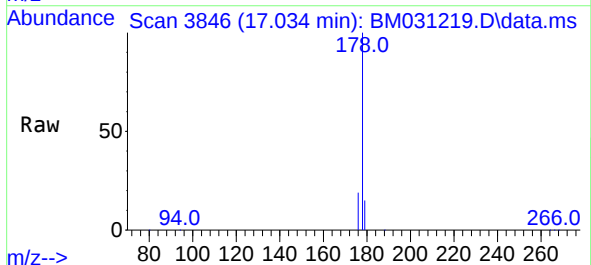
Tgt Ion:	266	Resp:	174
Ion Ratio	Lower	Upper	
266	100		
264	56.3	50.1	75.1
268	69.0	51.3	76.9

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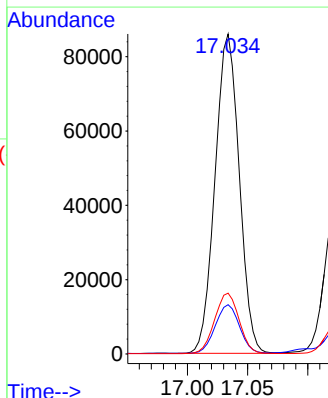
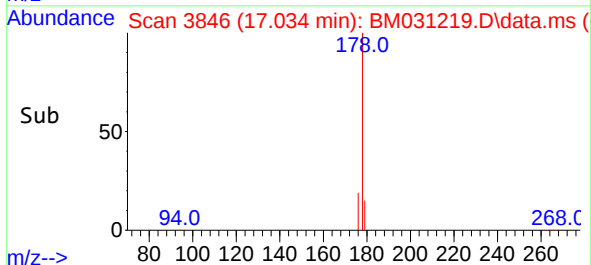
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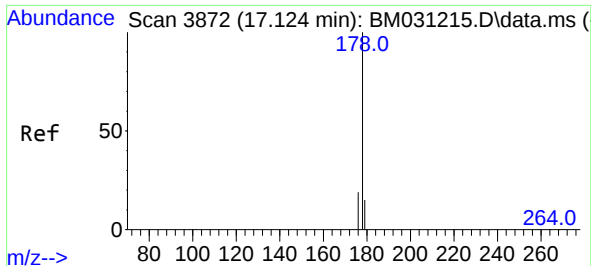


#15
Phenanthrene
Concen: 4.110 ng/uI
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

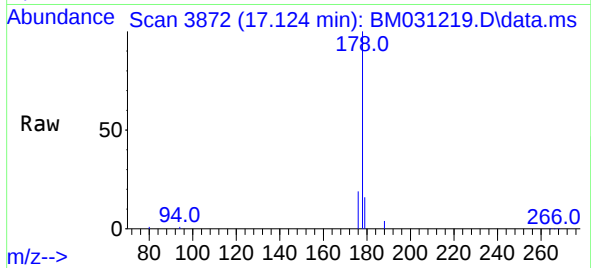


Tgt Ion:	178	Resp:	119957
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.3	19.9
176	19.0	16.2	24.4



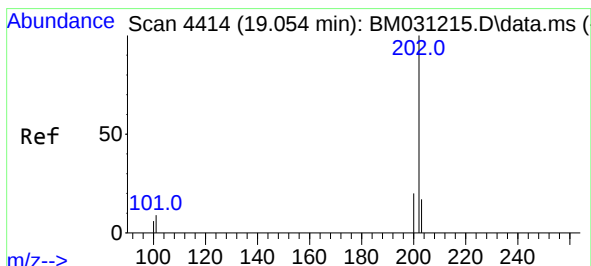
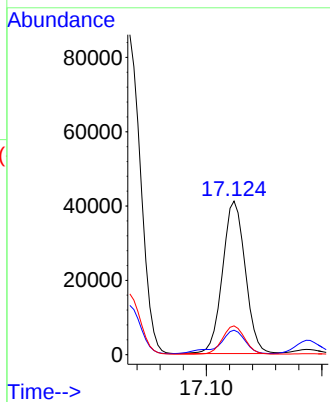
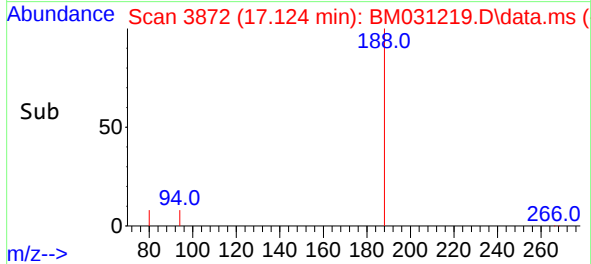


#16
 Anthracene
 Concen: 2.054 ng/ul
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031219.D
 Acq: 28 Jul 2021 19:46

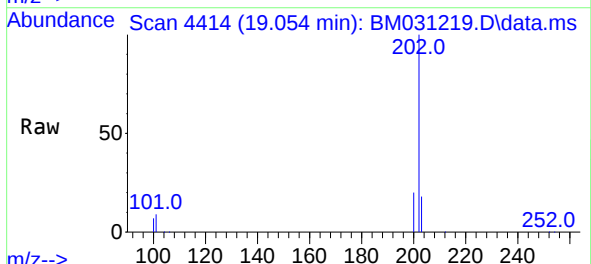


Tgt Ion:178 Resp: 56113

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.7	15.6	23.4

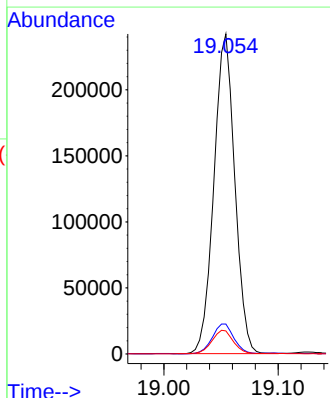
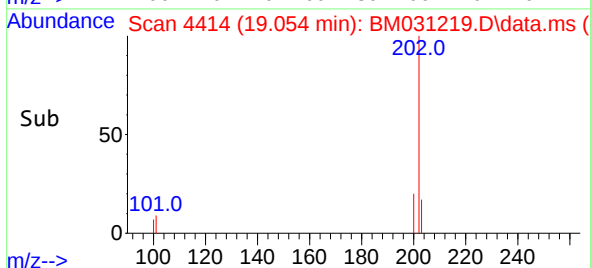


#19
 Fluoranthene
 Concen: 10.998 ng/ul
 RT: 19.054 min Scan# 4414
 Delta R.T. -0.000 min
 Lab File: BM031219.D
 Acq: 28 Jul 2021 19:46



Tgt Ion:202 Resp: 306288

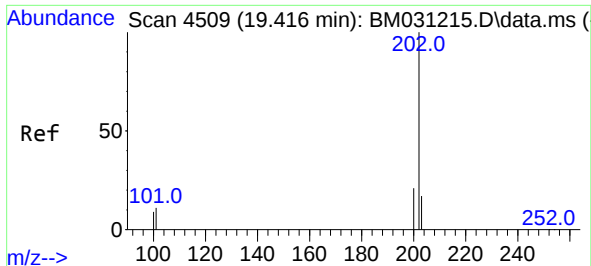
Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.6	10.0
100	7.2	5.4	8.0



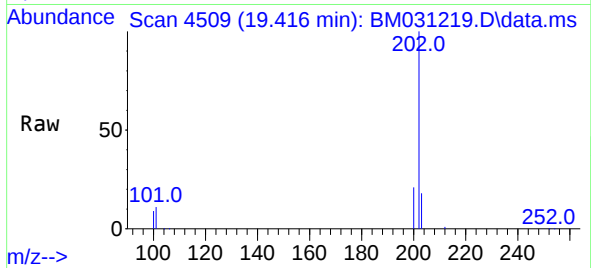
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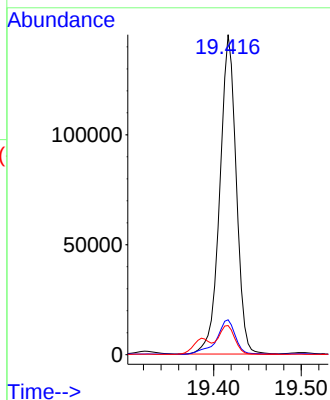
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#20
Pyrene
Concen: 6.714 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



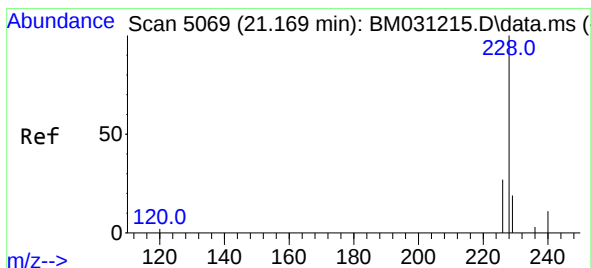
Tgt Ion:202 Resp: 189659
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.1 6.6 10.0



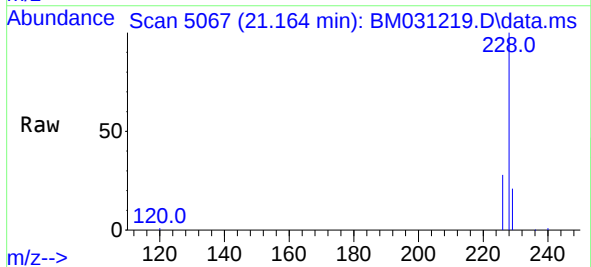
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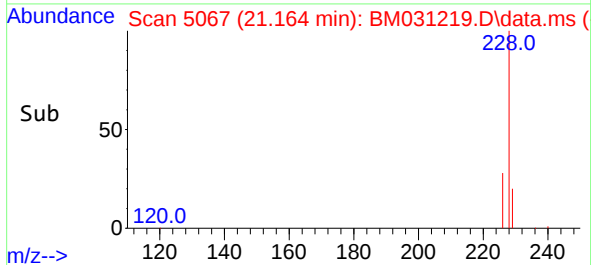
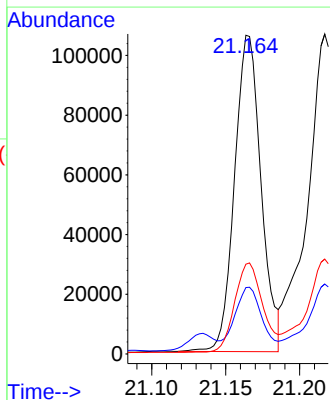
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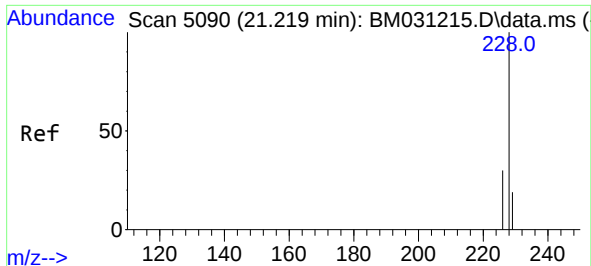


#21
Benzo(a)anthracene
Concen: 5.023 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

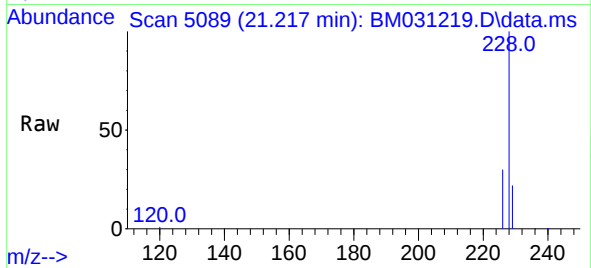


Tgt Ion:228 Resp: 132296
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.2 21.7 32.5

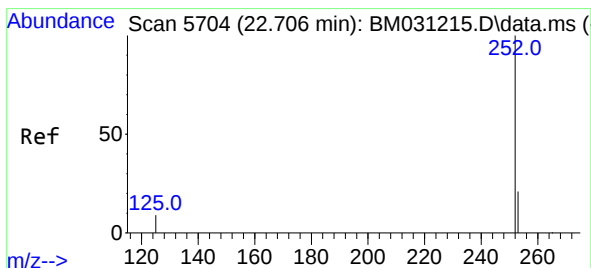
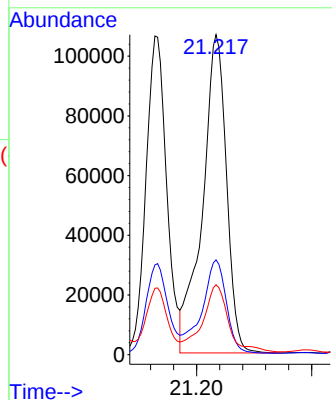
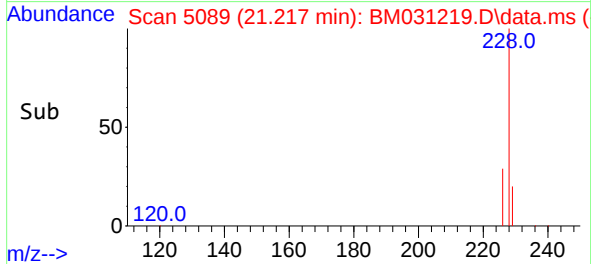




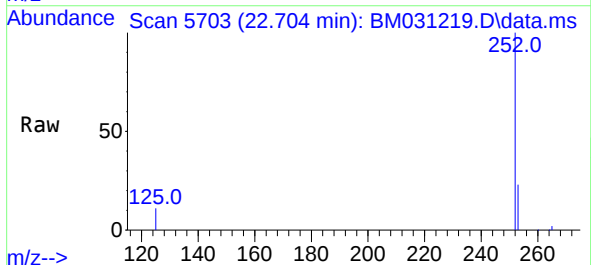
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Chrysene
Concen: 5.676 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



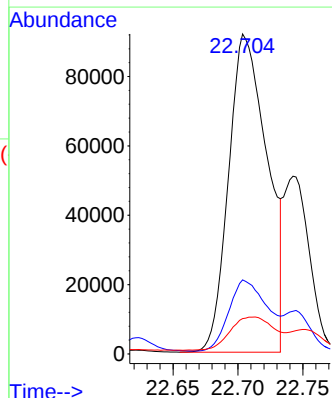
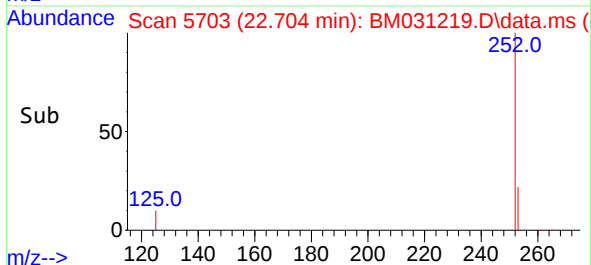
Tgt Ion:228 Resp: 154664
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 21.8 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 6.848 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.002 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



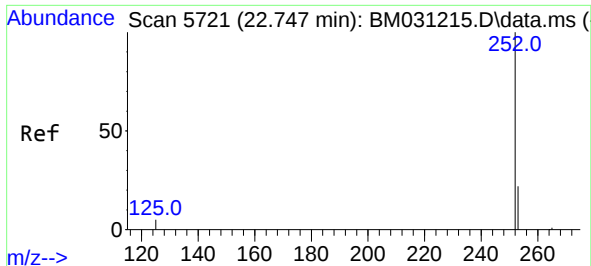
Tgt Ion:252 Resp: 190336
Ion Ratio Lower Upper
252 100
253 23.1 0.0 53.0
125 11.0 0.0 22.8



Instrument :
BNA_M
ClientSampled :
C0016

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7/29/2021 1:44:53 PM



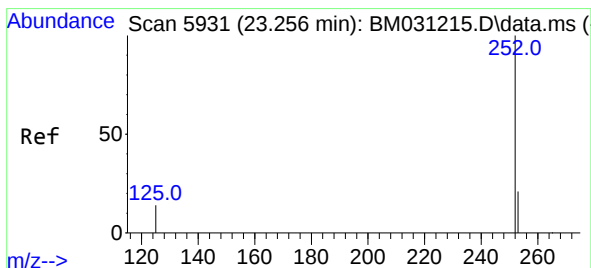
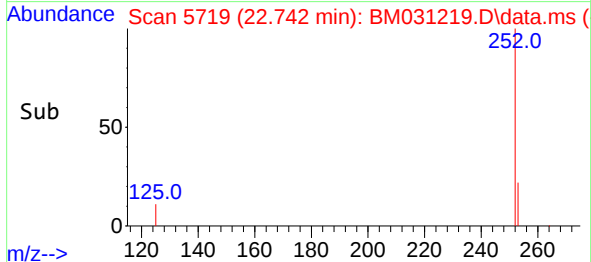
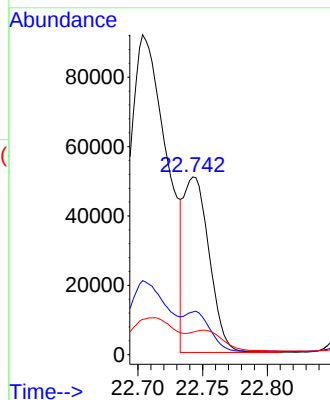
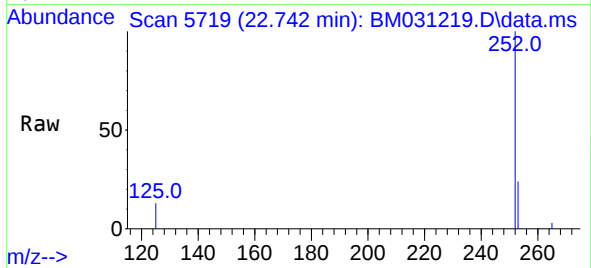
#25
Benzo(k)fluoranthene
Concen: 2.412 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

Tgt Ion:252 Resp: 69267
Ion Ratio Lower Upper
252 100
253 24.0 21.3 31.9
125 12.7 8.8 13.2

Instrument :
BNA_M
ClientSampled :
C0016

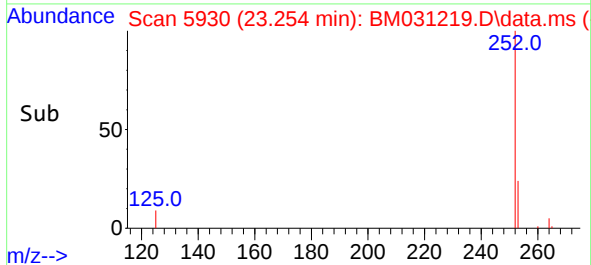
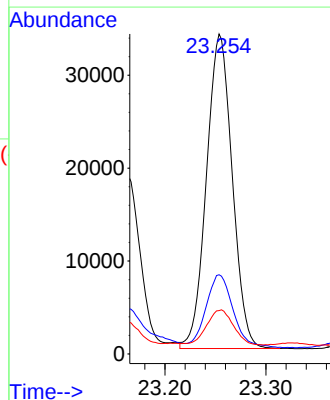
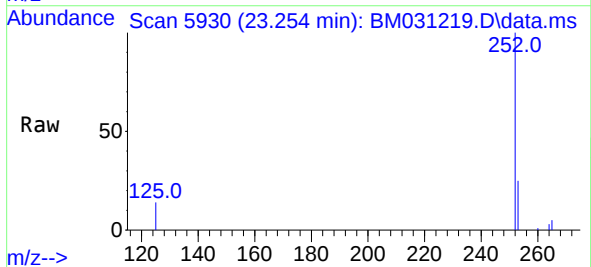
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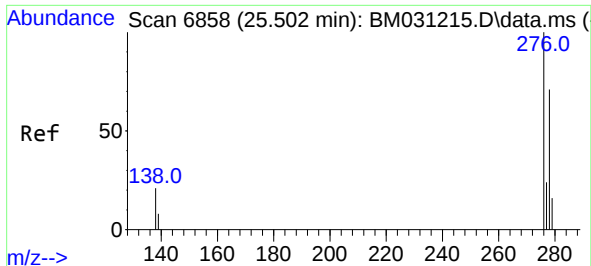
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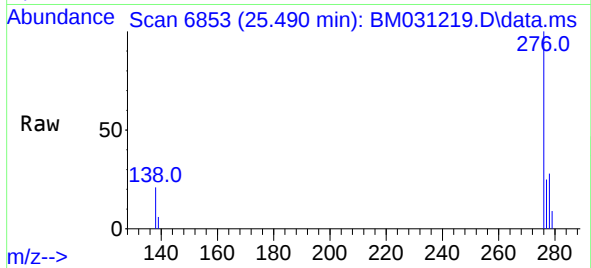
#26
Benzo(a)pyrene
Concen: 2.468 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. -0.002 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

Tgt Ion:252 Resp: 60076
Ion Ratio Lower Upper
252 100
253 24.8 22.4 33.6
125 13.6 13.0 19.4

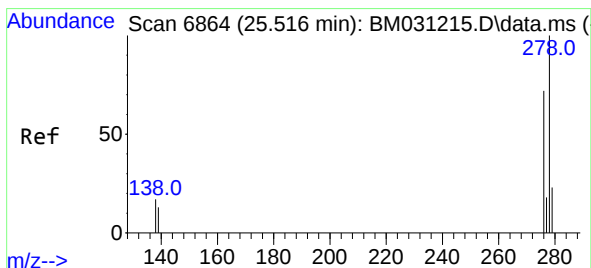
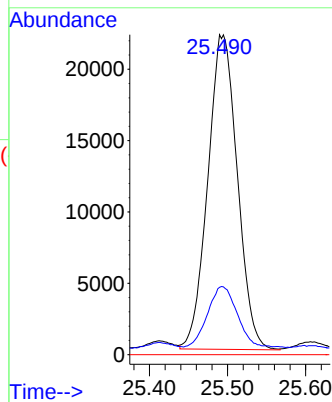
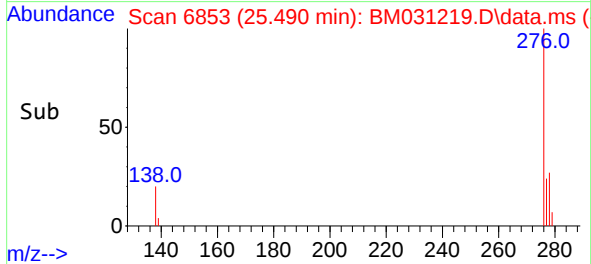




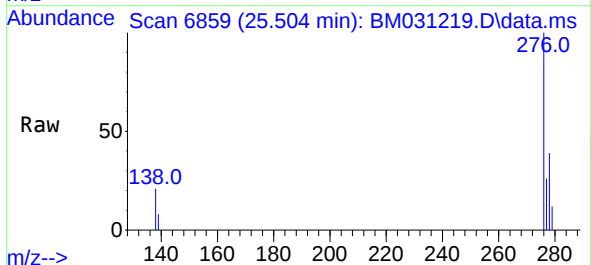
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.845 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.007 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



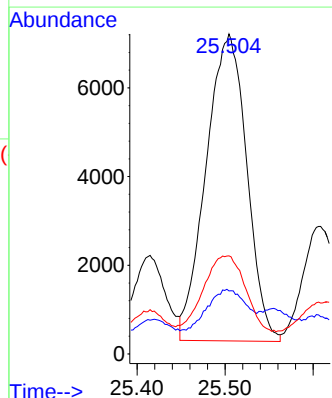
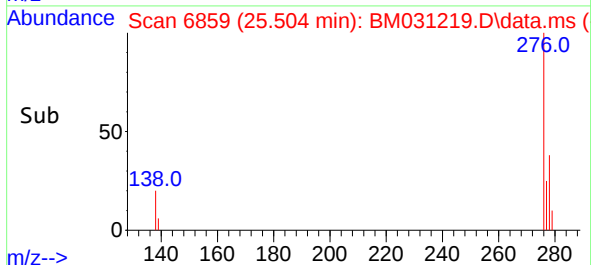
Tgt Ion:276 Resp: 58049
Ion Ratio Lower Upper
276 100
138 21.3 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.876 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. -0.010 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46



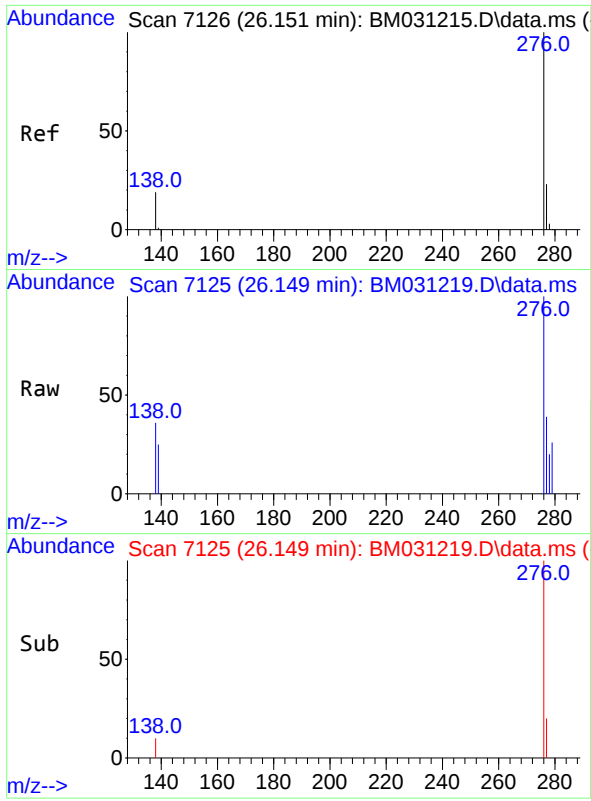
Tgt Ion:278 Resp: 22213
Ion Ratio Lower Upper
278 100
139 19.7 13.3 19.9
279 30.6 22.8 34.2



Instrument :
BNA_M
ClientSampled :
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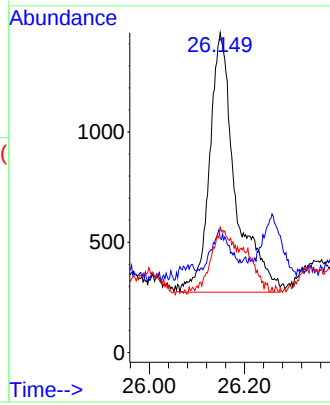
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#29
Benzo(g,h,i)perylene
Concen: 0.165 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. -0.000 min
Lab File: BM031219.D
Acq: 28 Jul 2021 19:46

Tgt Ion: 276 Resp: 4425
Ion Ratio Lower Upper
276 100
138 35.7 15.4 23.2#
277 39.2 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0016

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