

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031555.D
 Acq On : 07 Aug 2021 17:16
 Operator : CG/JU
 Sample : M3124-15DL 5X
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0096DL

Manual Integrations
 APPROVED

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Quant Time: Aug 08 04:02:24 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 Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5571	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	3012	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5704	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4713	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4702	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1122	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	383	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	713	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	3359	0.202	ng/ul	97
7) 2-Methylnaphthalene	12.016	142	2352	0.207	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	1271	0.113	ng/ul	98
10) Acenaphthylene	13.936	152	3513	0.274	ng/ul	99
11) Acenaphthene	14.277	153	396	0.037	ng/ul	93
12) Fluorene	15.274	166	713	0.057	ng/ul#	88
14) Pentachlorophenol	16.624	266	39	0.021	ng/ul	92
15) Phenanthrene	17.006	178	16479	0.910	ng/ul	98
16) Anthracene	17.100	178	3848	0.227	ng/ul	97
19) Fluoranthene	19.027	202	40525	2.014	ng/ul	97
20) Pyrene	19.393	202	33530	1.643	ng/ul	98
21) Benzo(a)anthracene	21.142	228	18163	0.954	ng/ul	96
22) Chrysene	21.195	228	20735	1.053	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	29101m	1.374	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	10439m	0.477	ng/ul	
26) Benzo(a)pyrene	23.220	252	16185	0.872	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.449	276	12841	0.535	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.456	278	3359	0.174	ng/ul#	77
29) Benzo(g,h,i)perylene	26.100	276	1555	0.076	ng/ul#	68

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

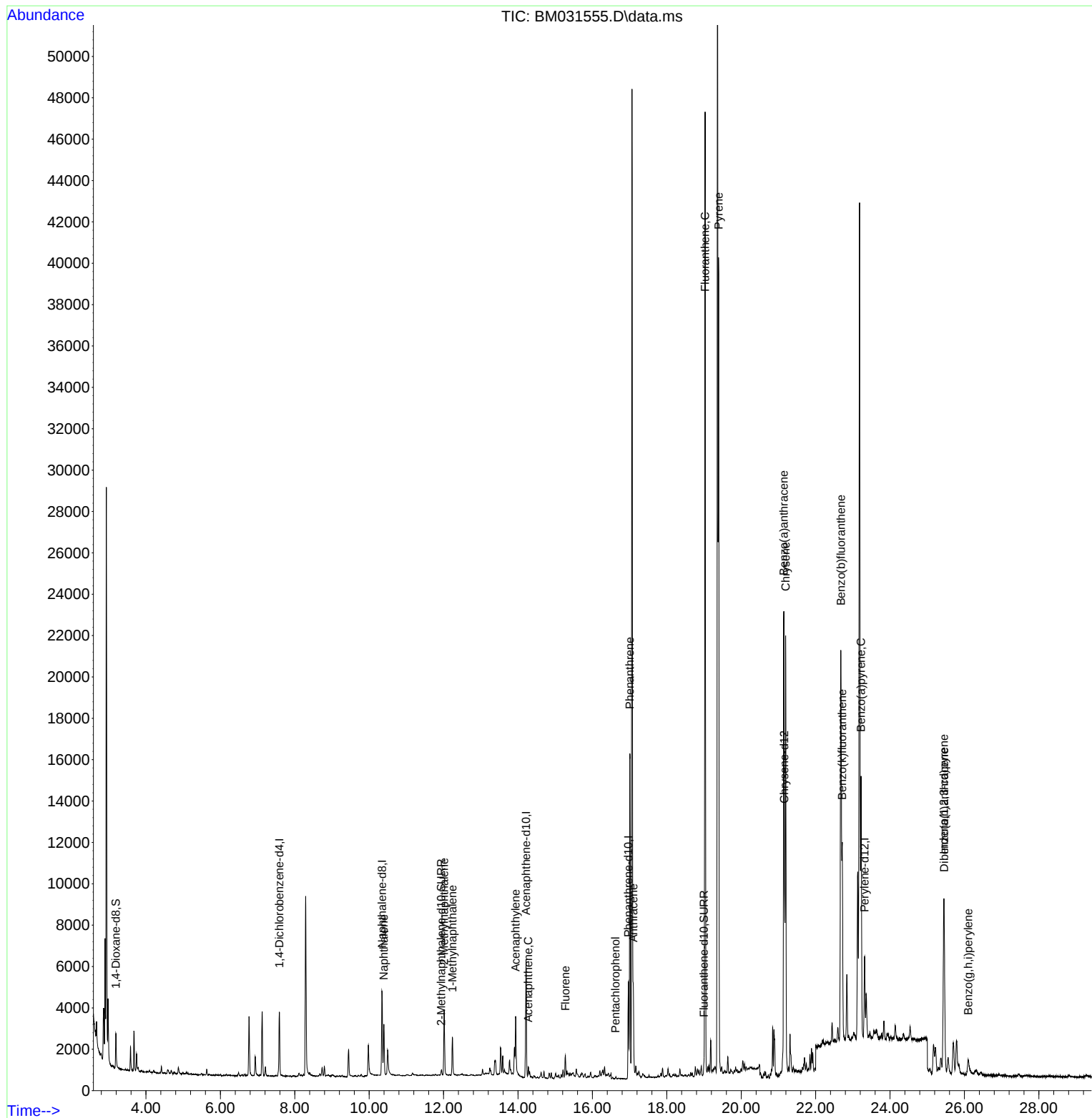
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Data File : BM031555.D
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Operator : CG/JU
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ALS Vial : 81 Sample Multiplier: 1

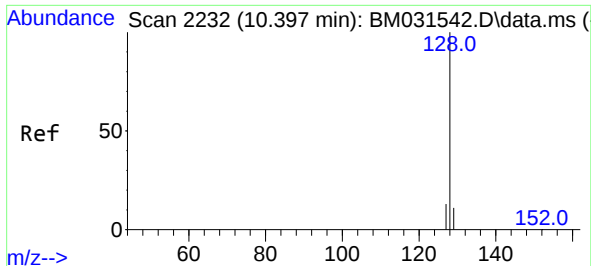
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Quant Time: Aug 08 04:02:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration





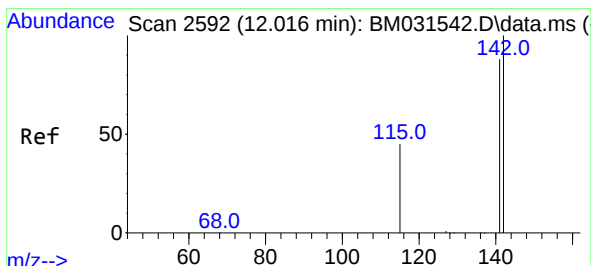
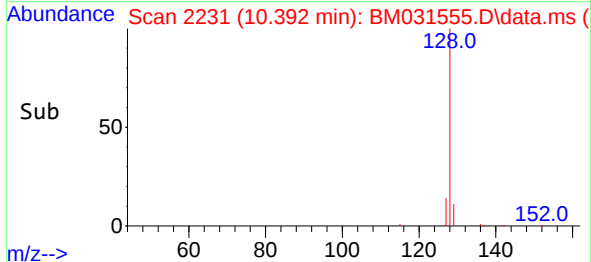
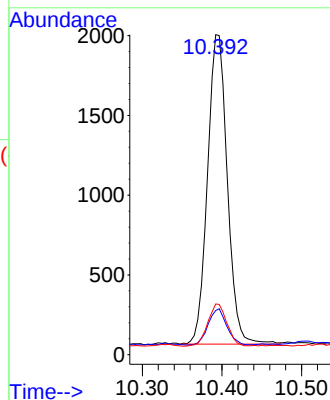
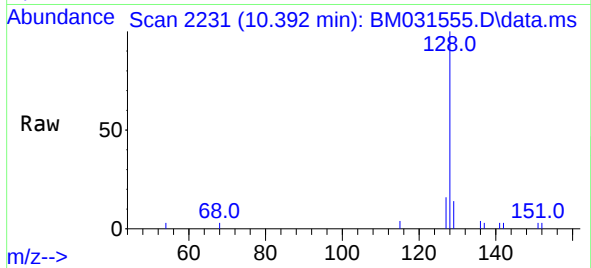
#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:128	Resp:	3359
Ion Ratio	Lower	Upper
128 100		
129 13.8	10.0	15.0
127 15.9	11.6	17.4

Instrument :
BNA_M
ClientSampleId :
C0096DL

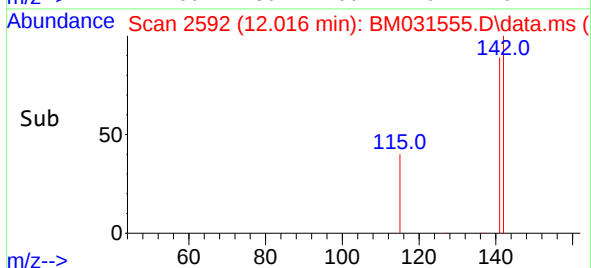
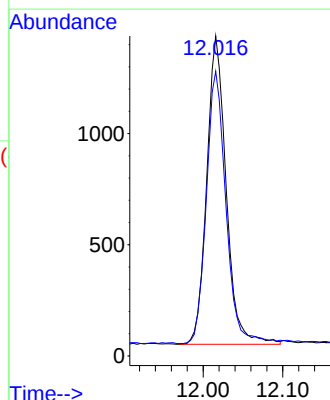
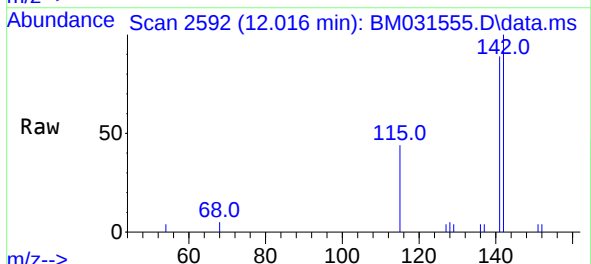
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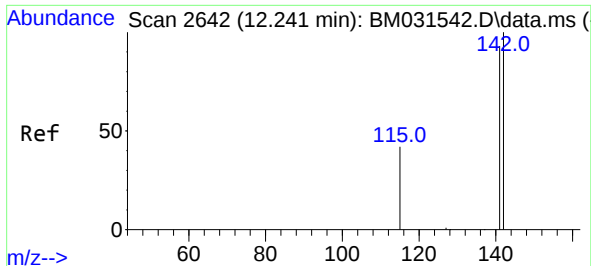
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#7
2-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:142	Resp:	2352
Ion Ratio	Lower	Upper
142 100		
141 89.9	71.4	107.0





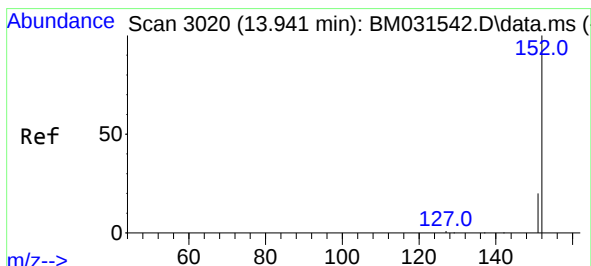
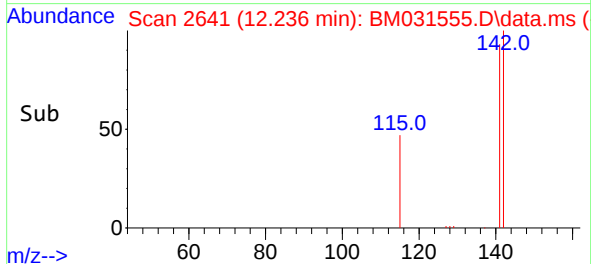
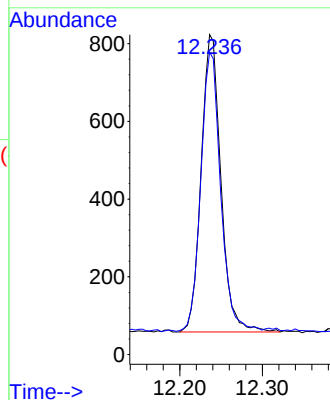
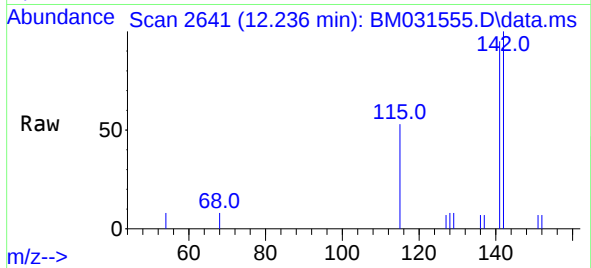
#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:142 Resp: 1271
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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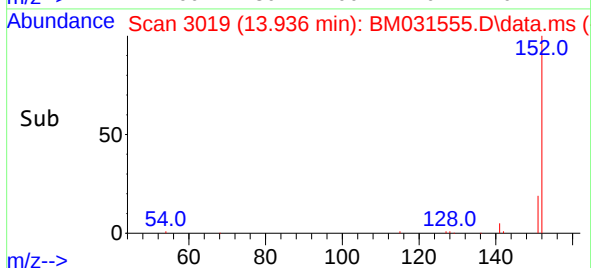
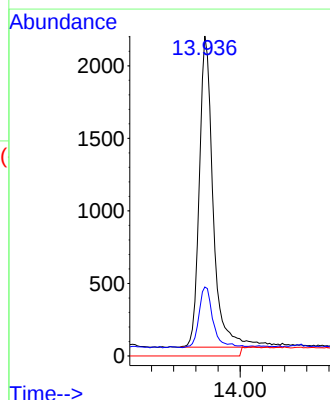
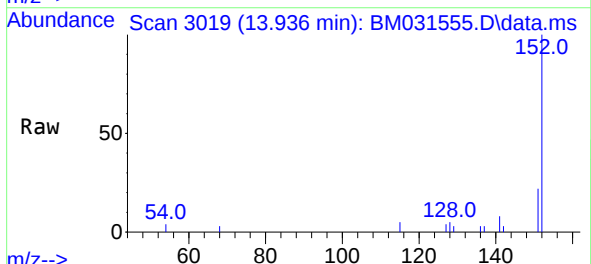
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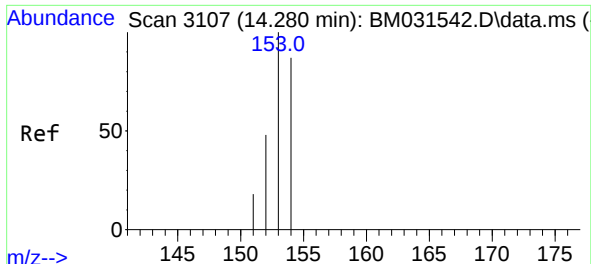
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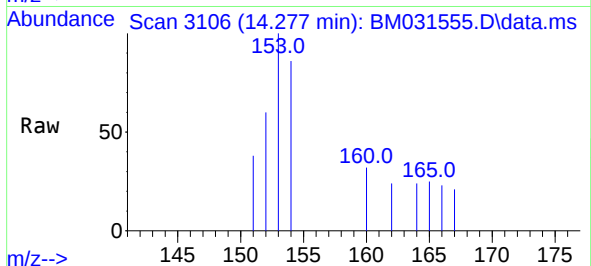
#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:152 Resp: 3513
Ion Ratio Lower Upper
152 100
151 21.6 16.9 25.3
153 0.0 0.0 0.0

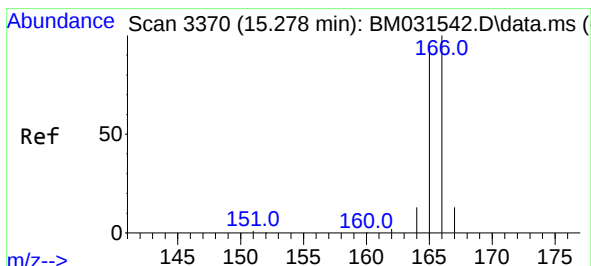
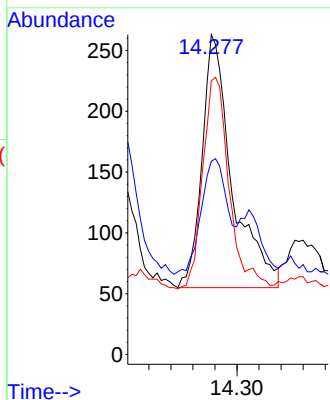
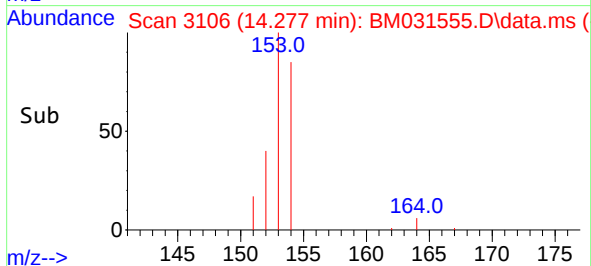




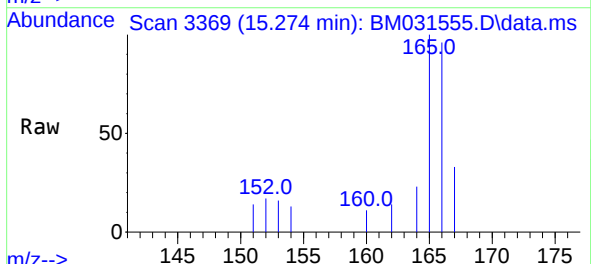
#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



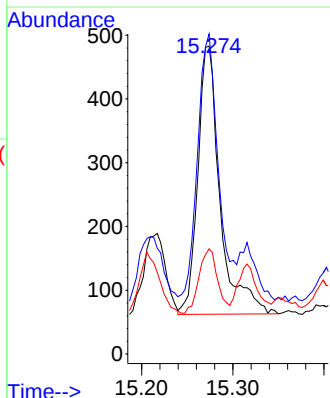
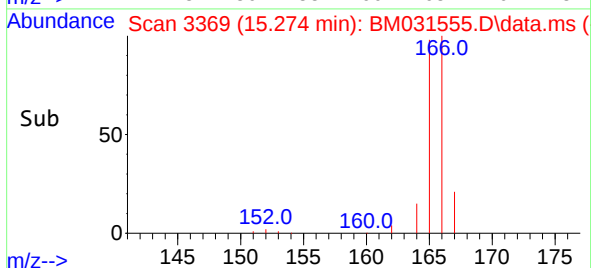
Tgt Ion:153 Resp: 396
Ion Ratio Lower Upper
153 100
152 60.5 40.7 61.1
154 85.6 70.2 105.2



#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



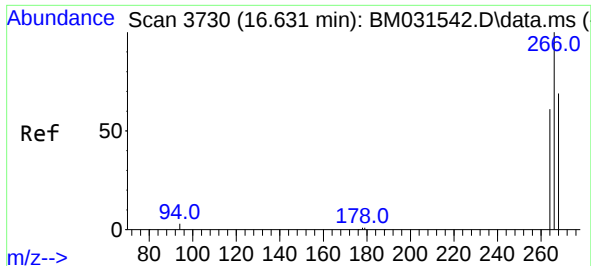
Tgt Ion:166 Resp: 713
Ion Ratio Lower Upper
166 100
165 103.9 78.0 117.0
167 34.2 12.0 18.0#



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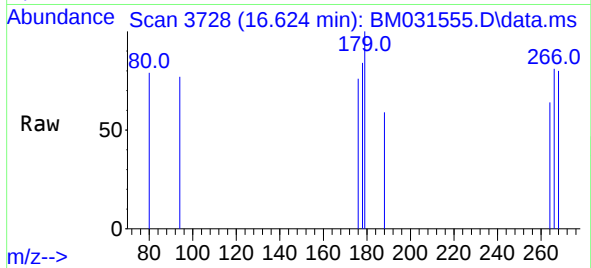
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#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.624 min Scan# 3728
Delta R.T. -0.003 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

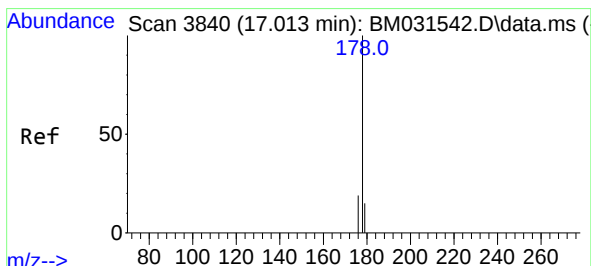
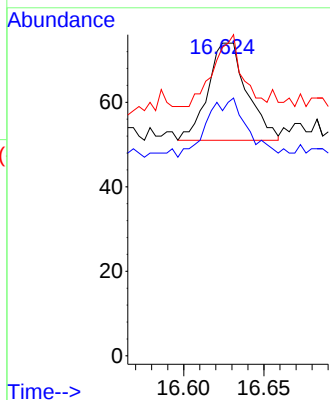
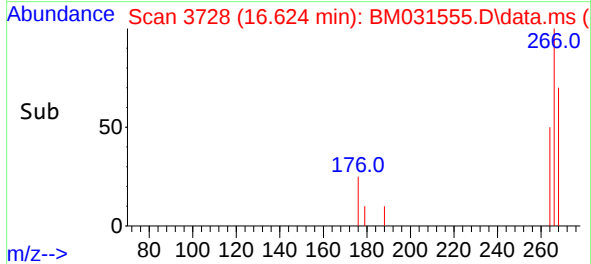
Instrument :
BNA_M
ClientSampleId :
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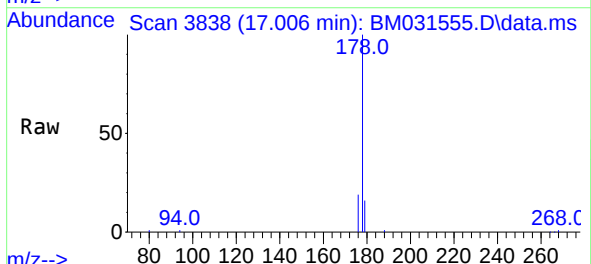
Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 64.1 50.1 75.1
268 53.8 51.3 76.9

Manual Integrations
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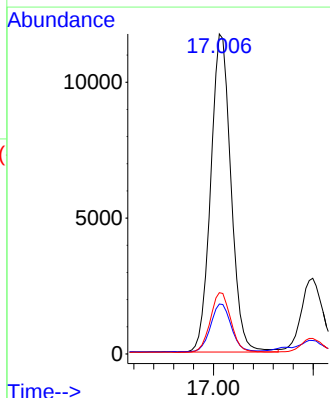
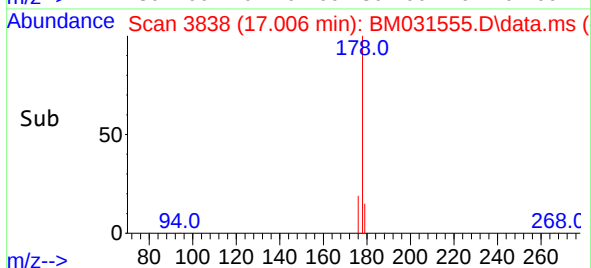
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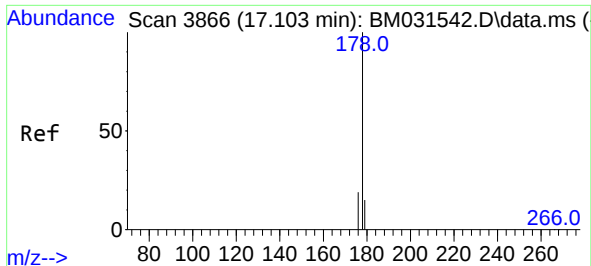


#15
Phenanthrene
Concen: 0.910 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



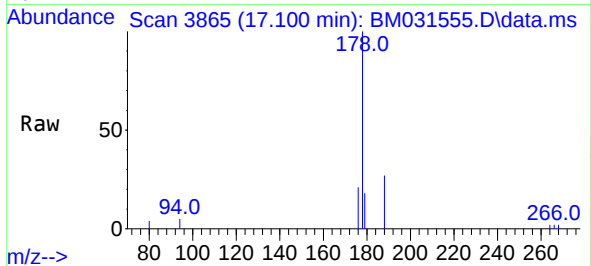
Tgt Ion:178 Resp: 16479
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.2 16.2 24.4





#16
 Anthracene
 Concen: 0.227 ng/ul
 RT: 17.100 min Scan# 3865
 Delta R.T. -0.003 min
 Lab File: BM031555.D
 Acq: 07 Aug 2021 17:16

Instrument :
 BNA_M
 ClientSampleID :
 C0096DL

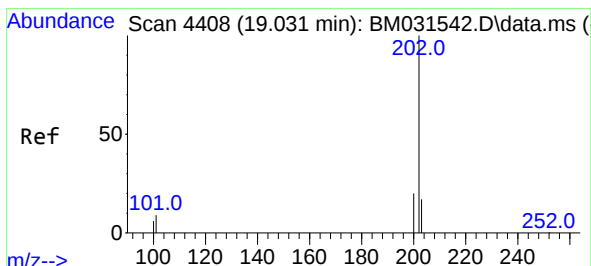
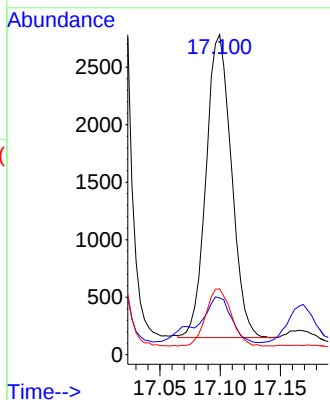
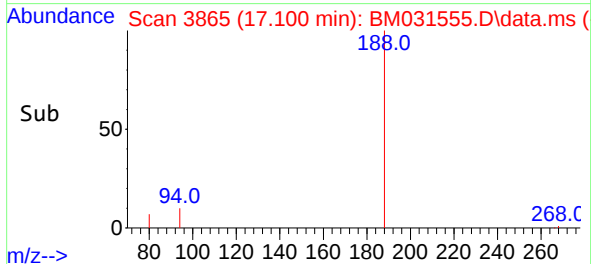


Tgt Ion:178 Resp: 3848

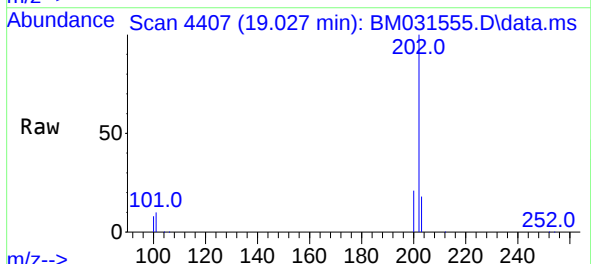
Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	20.6	15.6	23.4

Manual Integrations
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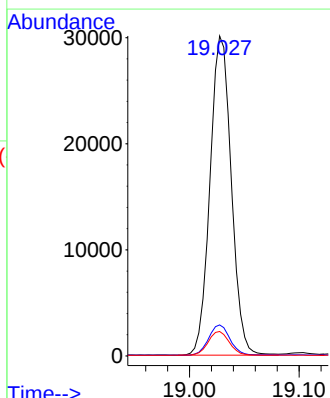
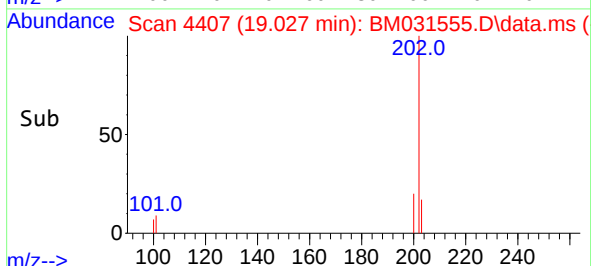


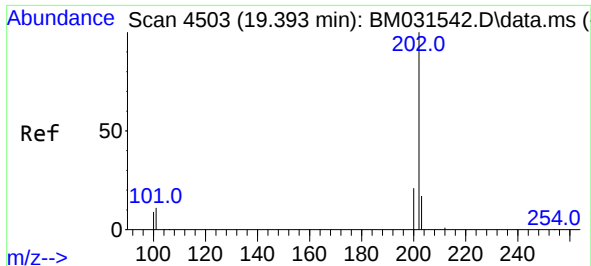
#19
 Fluoranthene
 Concen: 2.014 ng/ul
 RT: 19.027 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031555.D
 Acq: 07 Aug 2021 17:16



Tgt Ion:202 Resp: 40525

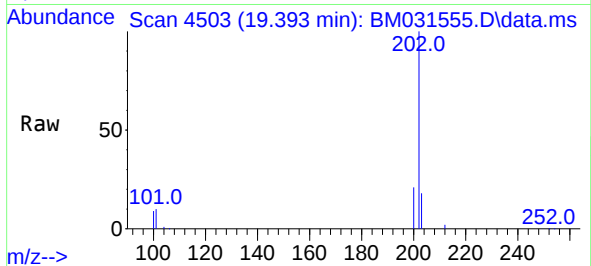
Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.6	10.0
100	7.7	5.4	8.0





#20
Pyrene
Concen: 1.643 ng/ul
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

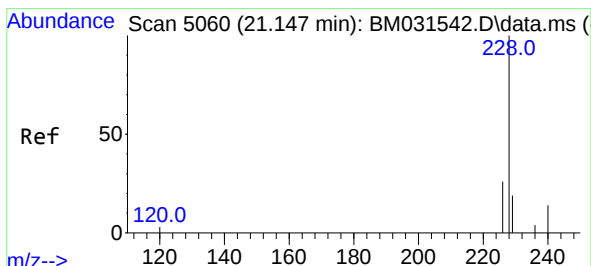
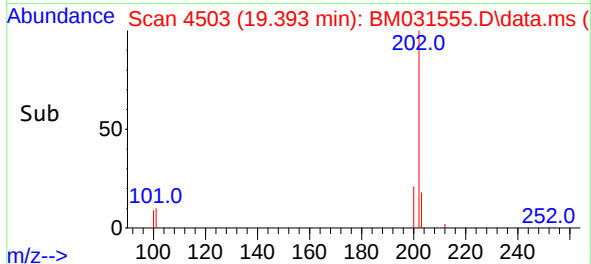
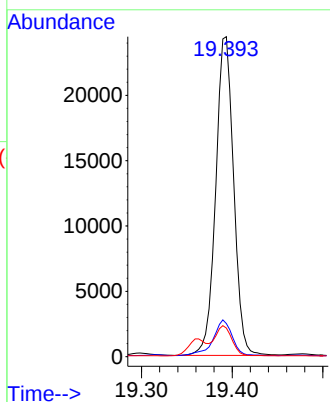
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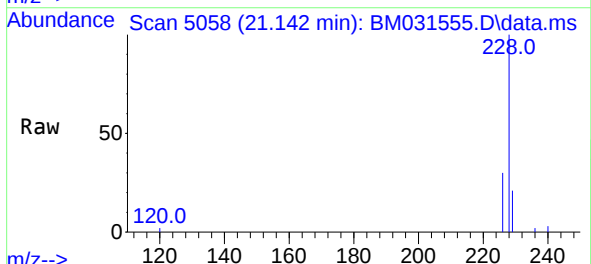
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Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.8	11.6
100	9.0	6.6	10.0

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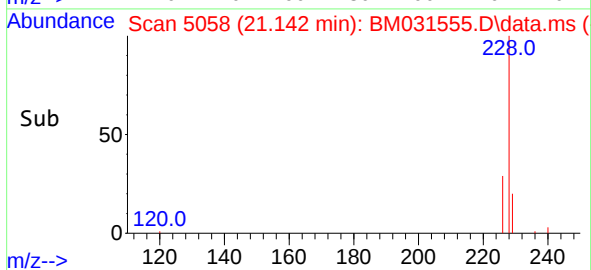
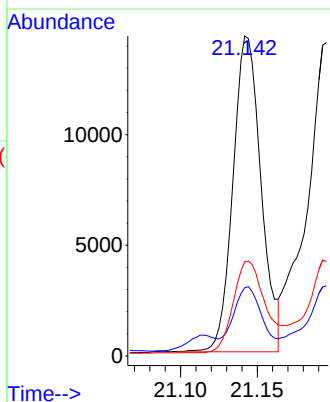
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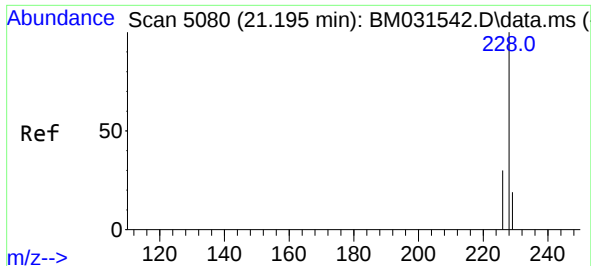


#21
Benzo(a)anthracene
Concen: 0.954 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

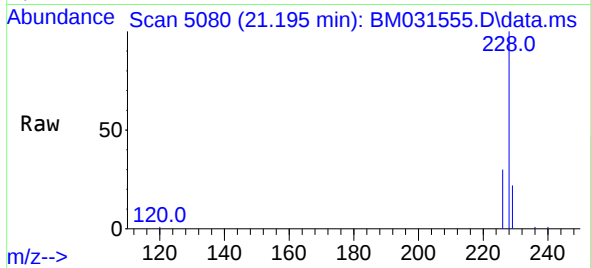


Tgt Ion:	228	Resp:	18163
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.6	23.4
226	29.5	21.7	32.5

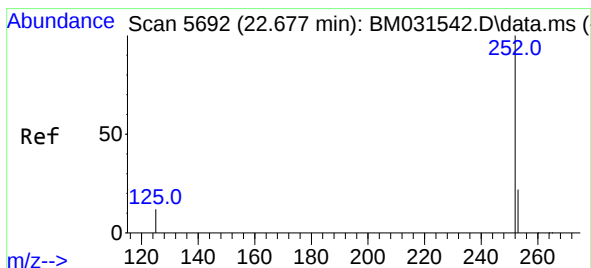
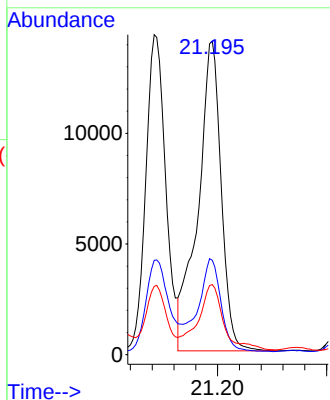
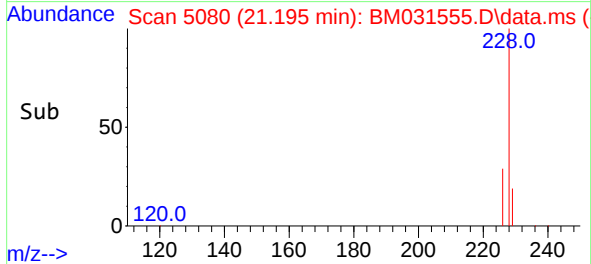




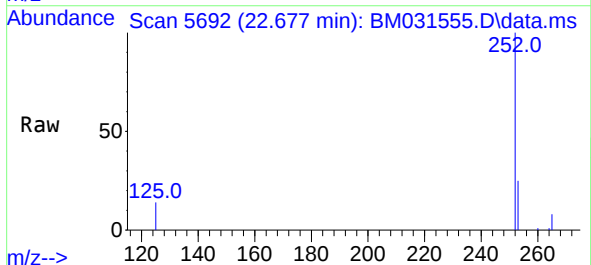
#22
Chrysene
Concen: 1.053 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



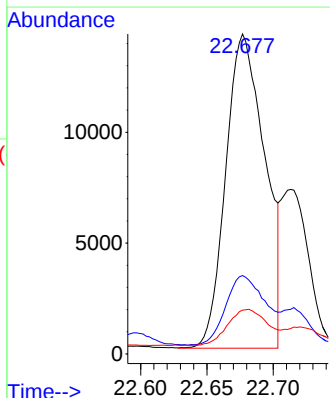
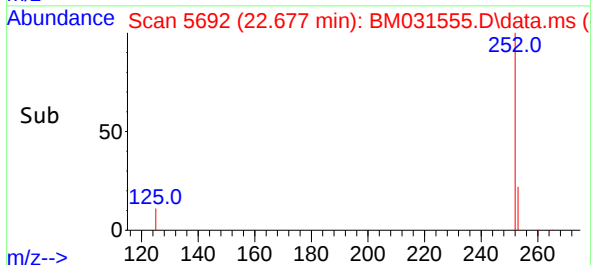
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Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.7	37.1
229	22.4	16.2	24.2



#24
Benzo(b)fluoranthene
Concen: 1.374 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



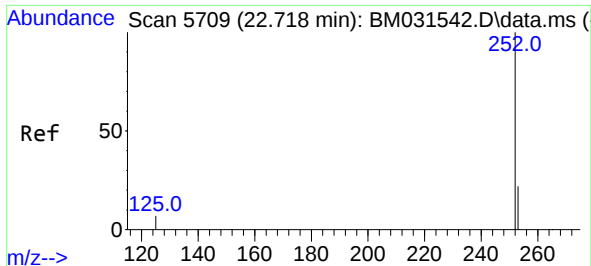
Tgt Ion:	252	Resp:	29101
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	53.0
125	13.7	0.0	22.8



Instrument :
BNA_M
ClientSampled :
C0096DL

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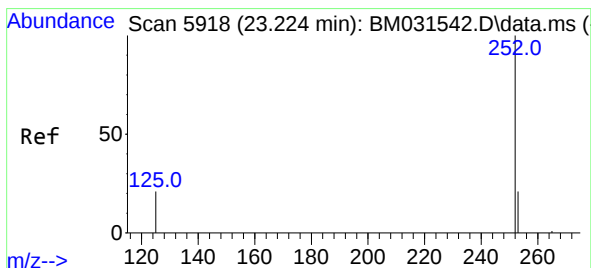
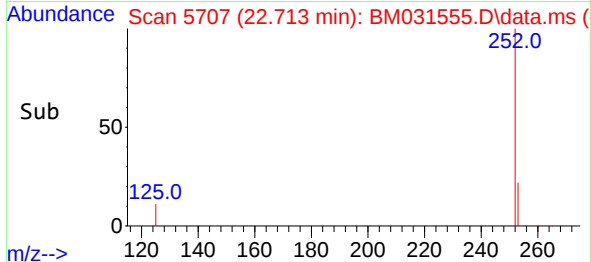
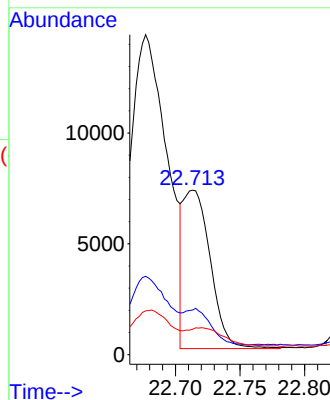
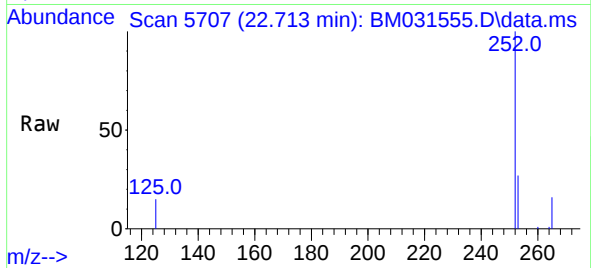
#25
Benzo(k)fluoranthene
Concen: 0.477 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.010 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:252 Resp: 10439
Ion Ratio Lower Upper
252 100
253 27.1 21.3 31.9
125 15.5 8.8 13.2#

Instrument :
BNA_M
ClientSampleId :
C0096DL

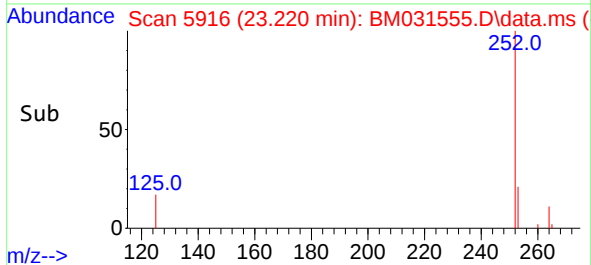
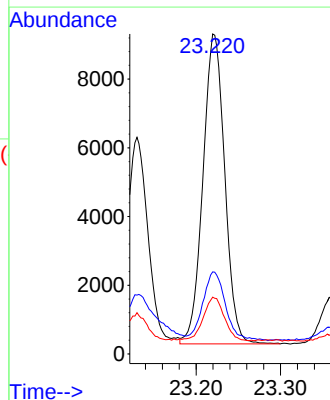
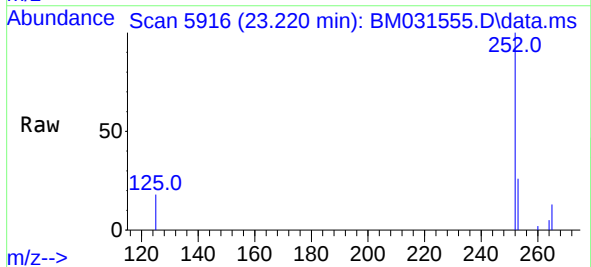
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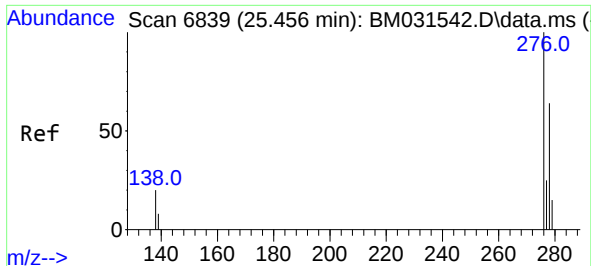
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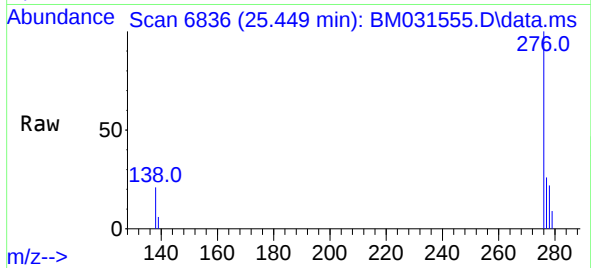
#26
Benzo(a)pyrene
Concen: 0.872 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.012 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:252 Resp: 16185
Ion Ratio Lower Upper
252 100
253 25.7 22.4 33.6
125 17.7 13.0 19.4

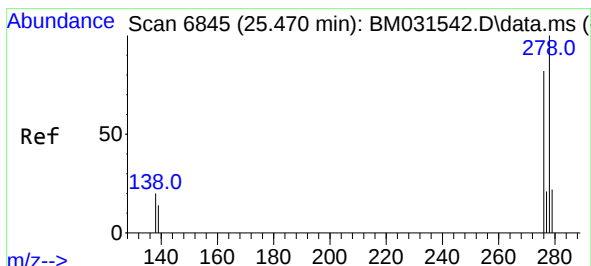
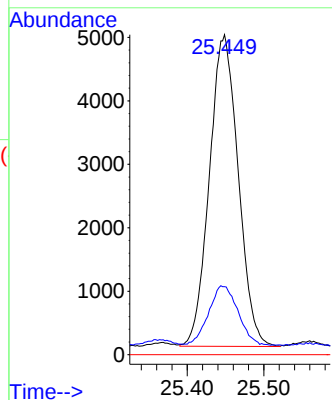
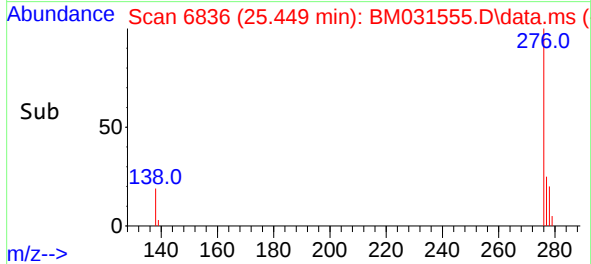




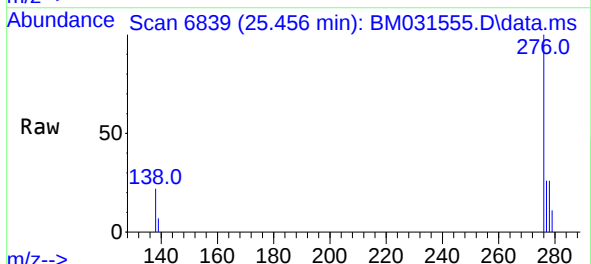
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.535 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



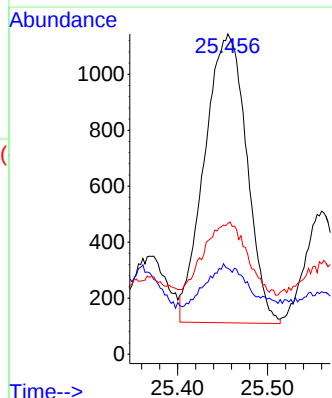
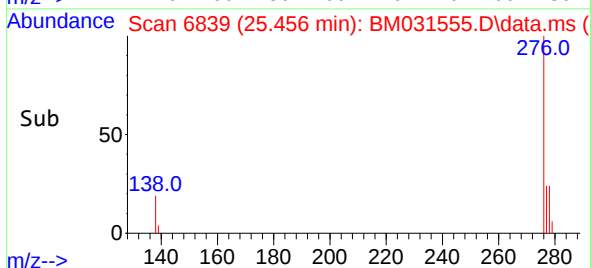
Tgt Ion: 276 Resp: 12841
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.019 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16



Tgt Ion: 278 Resp: 3359
Ion Ratio Lower Upper
278 100
139 26.7 13.3 19.9#
279 40.8 22.8 34.2#

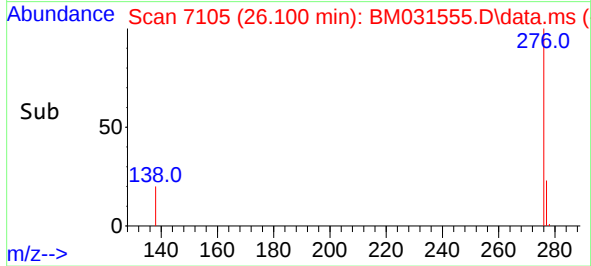
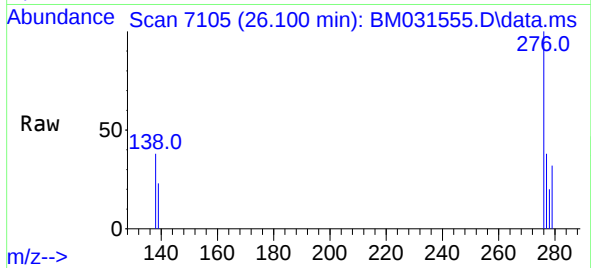
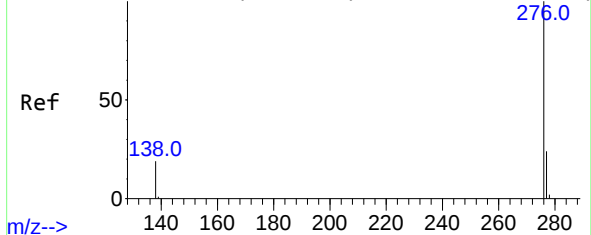


Instrument :
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ClientSampleID :
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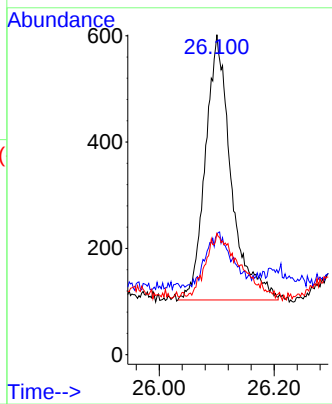
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Abundance Scan 7107 (26.105 min): BM031542.D\data.ms (



#29
Benzo(g,h,i)perylene
Concen: 0.076 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.014 min
Lab File: BM031555.D
Acq: 07 Aug 2021 17:16

Tgt Ion:	276	Resp:	1555
Ion	Ratio	Lower	Upper
276	100		
138	37.7	15.4	23.2#
277	37.9	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
C0096DL

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