

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035663.D
 Acq On : 24 Jun 2022 15:13
 Operator : CG/JU
 Sample : PB145636BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:05:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

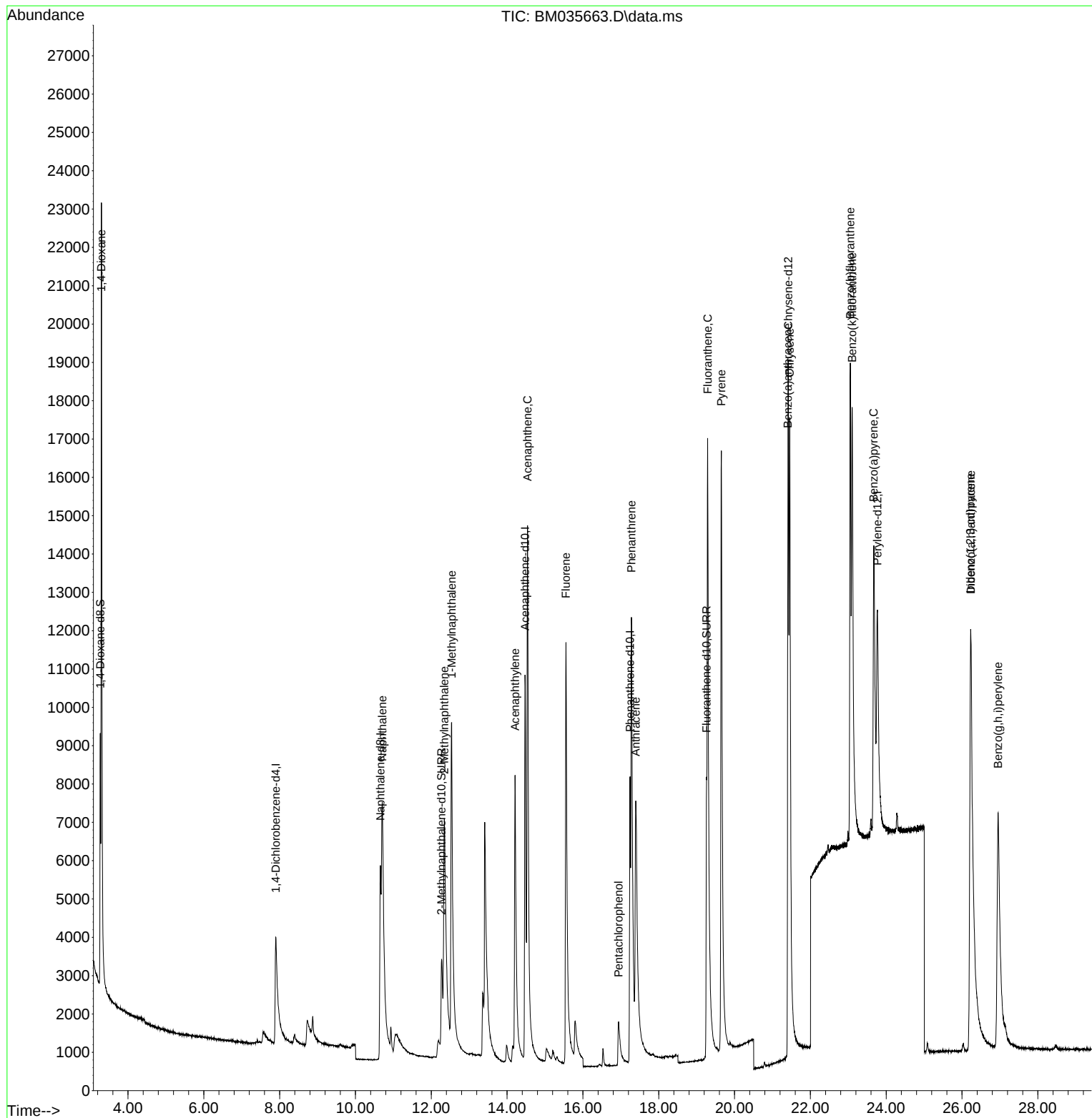
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	3687	0.400	ng/ul	0.04
4) Naphthalene-d8	10.655	136	16877	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.473	164	8395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	14422	0.400	ng/ul	0.01
17) Chrysene-d12	21.418	240	12343	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	11057	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4068	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7705	0.307	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	13523	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	12185	2.359	ng/ul#	56
5) Naphthalene	10.710	128	18770	0.328	ng/ul	99
7) 2-Methylnaphthalene	12.343	142	10599	0.325	ng/ul	95
8) 1-Methylnaphthalene	12.536	142	10355	0.345	ng/ul	99
10) Acenaphthylene	14.210	152	17270	0.365	ng/ul	99
11) Acenaphthene	14.538	153	13179	0.376	ng/ul	99
12) Fluorene	15.551	166	14105	0.356	ng/ul	99
14) Pentachlorophenol	16.942	266	1900	0.687	ng/ul	98
15) Phenanthrene	17.280	178	20266	0.383	ng/ul	100
16) Anthracene	17.394	178	15820	0.342	ng/ul	99
19) Fluoranthene	19.289	202	22495	0.357	ng/ul	99
20) Pyrene	19.651	202	26112	0.395	ng/ul	100
21) Benzo(a)anthracene	21.406	228	15752	0.337	ng/ul	99
22) Chrysene	21.456	228	22833	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.051	252	20223	0.418	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	20465	0.407	ng/ul	98
26) Benzo(a)pyrene	23.671	252	21202	0.422	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.225	276	24444	0.423	ng/ul	98
28) Dibenzo(a,h)anthracene	26.235	278	19757	0.419	ng/ul	99
29) Benzo(g,h,i)perylene	26.950	276	22738	0.439	ng/ul	98

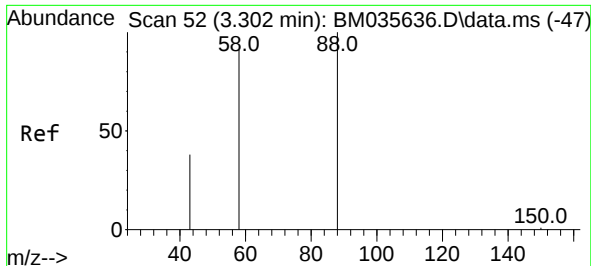
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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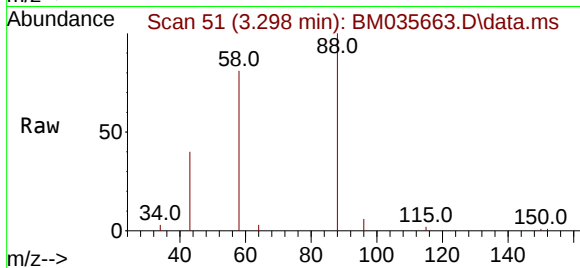
Quant Time: Jun 25 04:05:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
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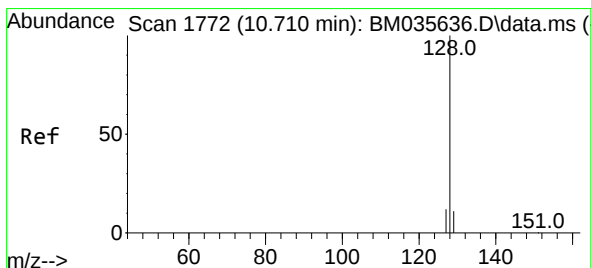
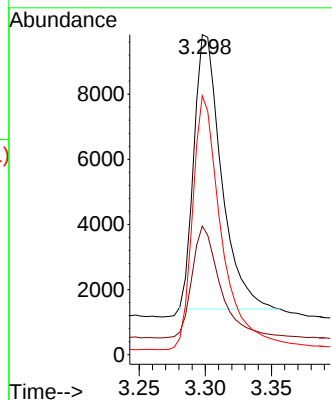
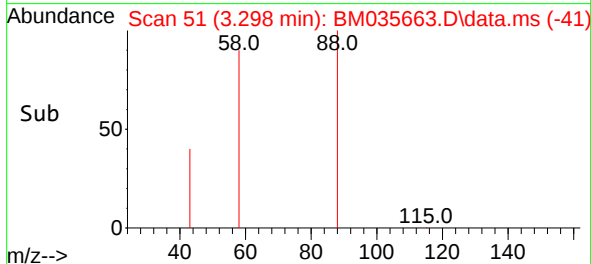


#2
1,4-Dioxane
Concen: 2.359 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Instrument :
BNA_M
ClientSampleId :

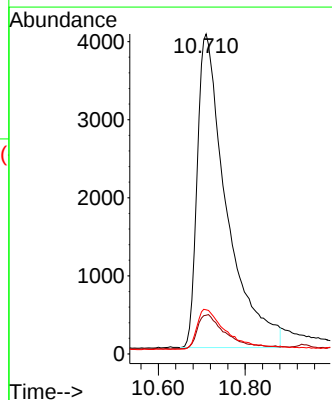
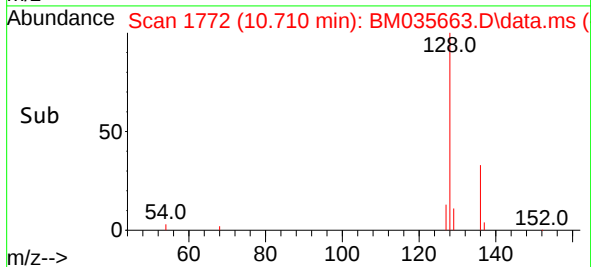
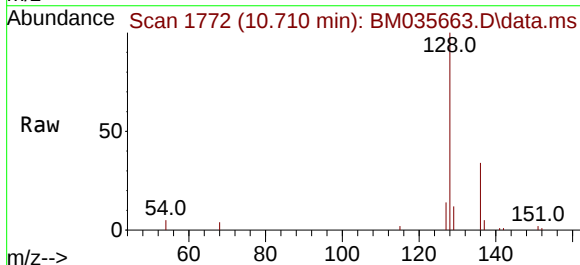


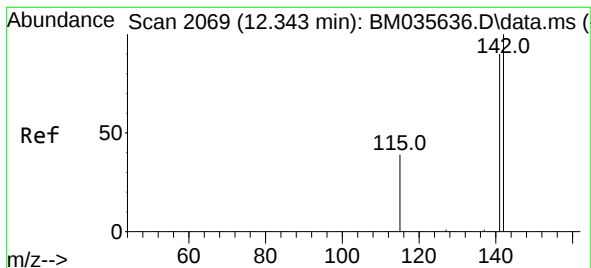
Tgt Ion: 88 Resp: 12185
Ion Ratio Lower Upper
88 100
43 40.2 70.4 105.6#
58 80.9 45.6 68.4#



#5
Naphthalene
Concen: 0.328 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. 0.017 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion: 128 Resp: 18770
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.8 11.4 17.2

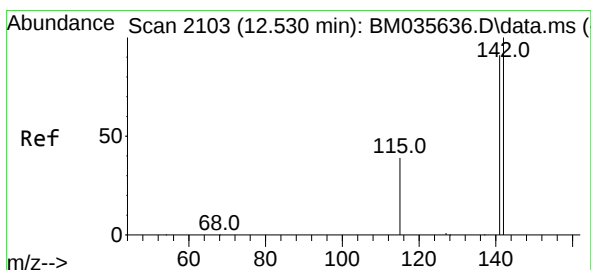
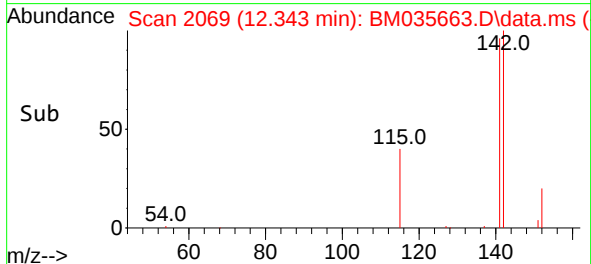
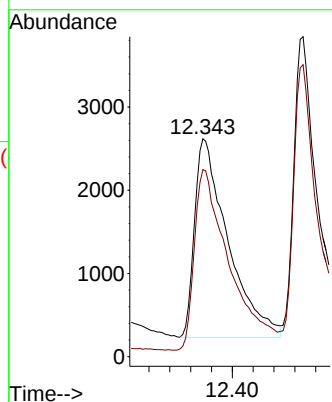
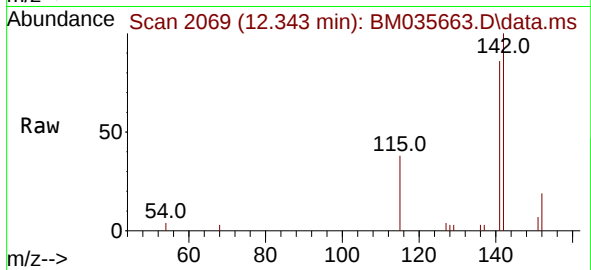




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.343 min Scan# 2069
Delta R.T. 0.022 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

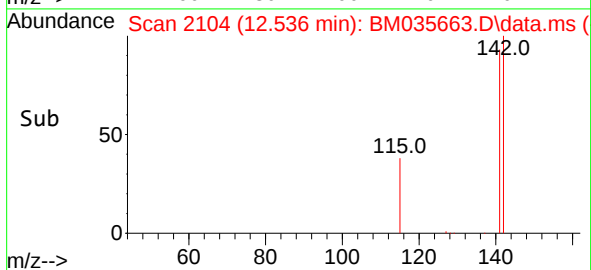
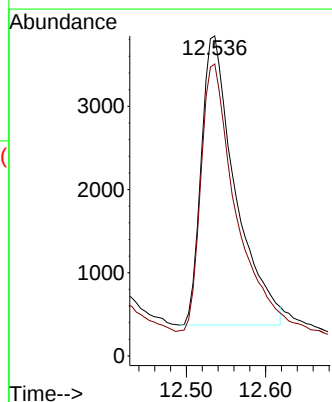
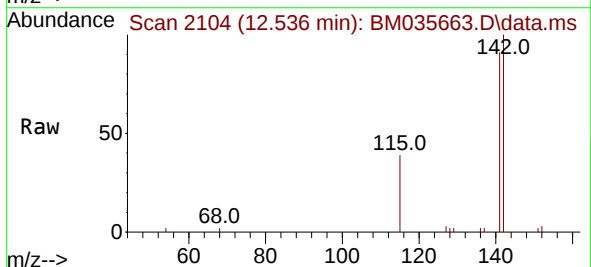
Instrument :
BNA_M
ClientSampleId :

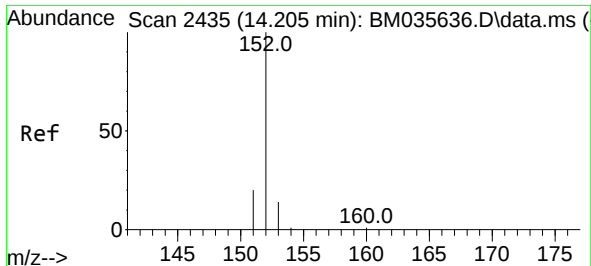
Tgt Ion:142 Resp: 10599
Ion Ratio Lower Upper
142 100
141 96.6 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. 0.011 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion:142 Resp: 10355
Ion Ratio Lower Upper
142 100
141 94.0 74.6 111.8

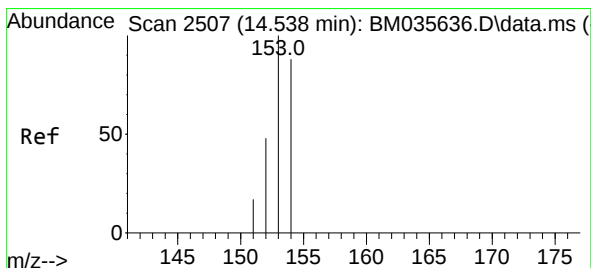
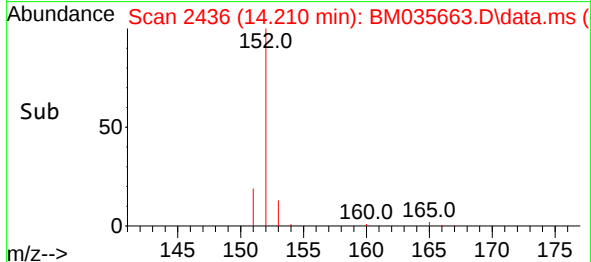
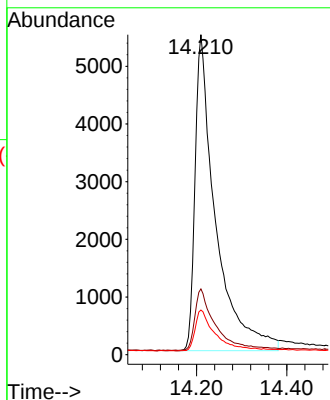
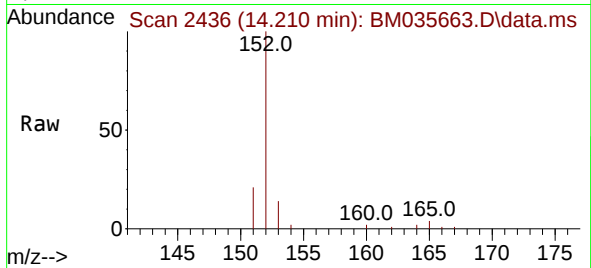




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.210 min Scan# 2436
Delta R.T. 0.008 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

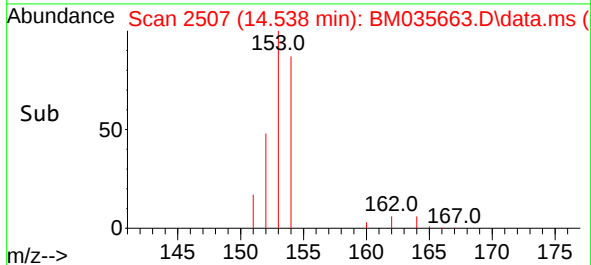
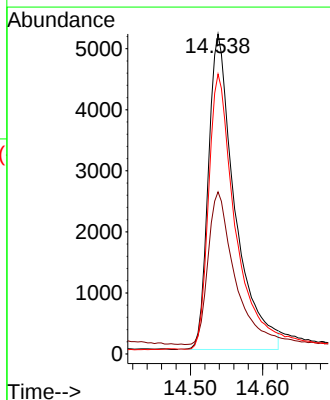
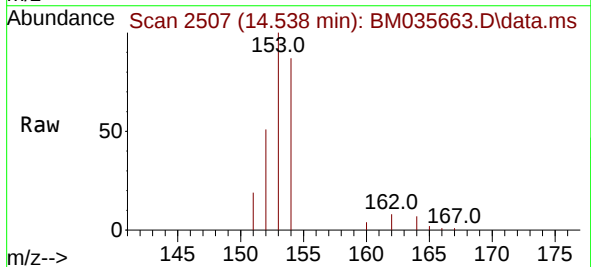
Instrument :
BNA_M
ClientSampleId :

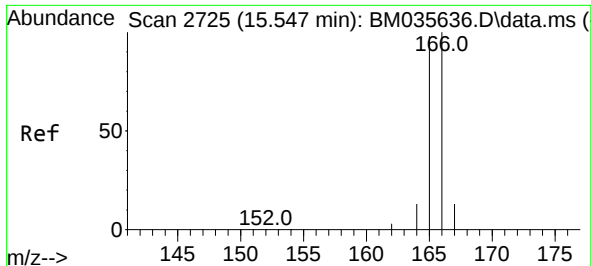
Tgt Ion:152 Resp: 17270
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

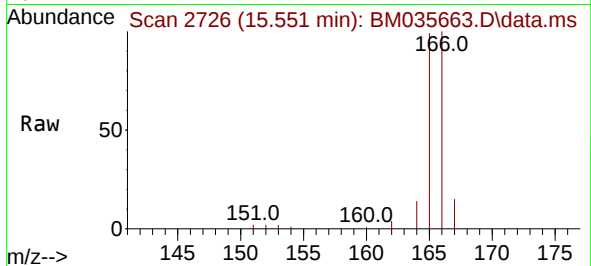
Tgt Ion:153 Resp: 13179
Ion Ratio Lower Upper
153 100
152 50.7 40.0 60.0
154 87.5 69.1 103.7



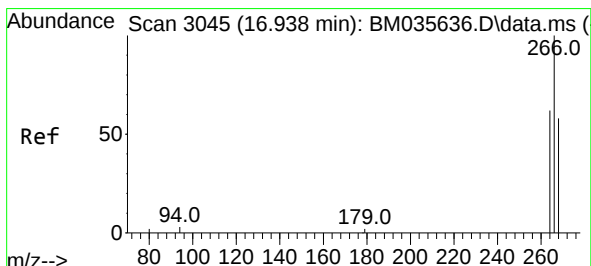
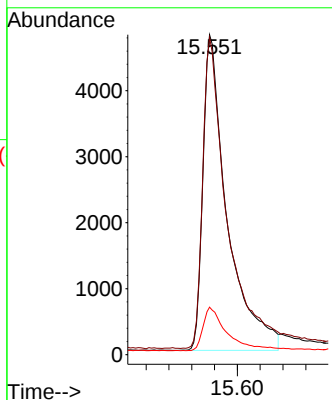


#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.551 min Scan# 21
Delta R.T. 0.013 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Instrument :
BNA_M
ClientSampleId :

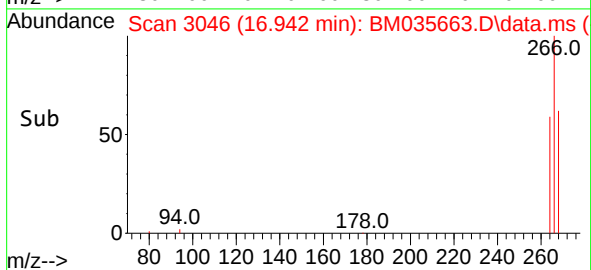
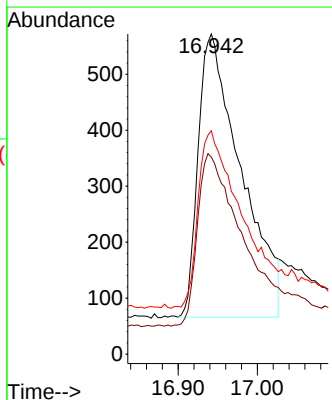
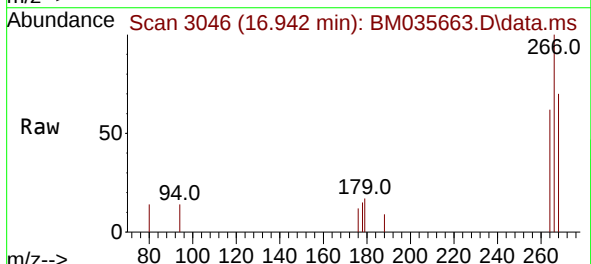


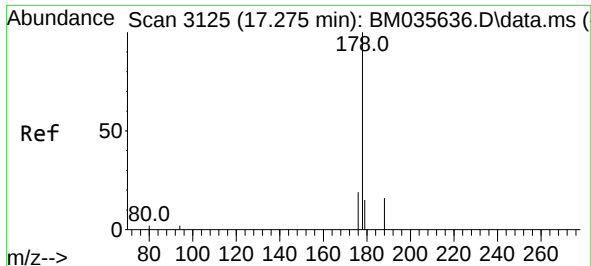
Tgt Ion:	166	Resp:	14105
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.7	118.1
167	14.8	11.6	17.4



#14
Pentachlorophenol
Concen: 0.687 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. 0.012 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion:	266	Resp:	1900
Ion Ratio	Lower	Upper	
266	100		
264	62.4	51.0	76.4
268	63.1	51.7	77.5

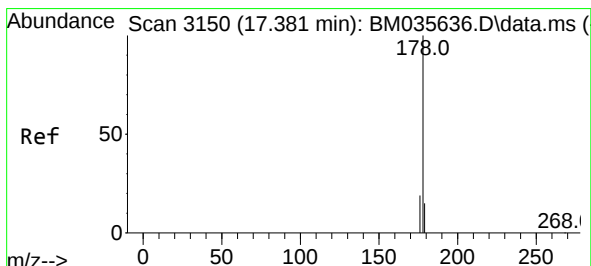
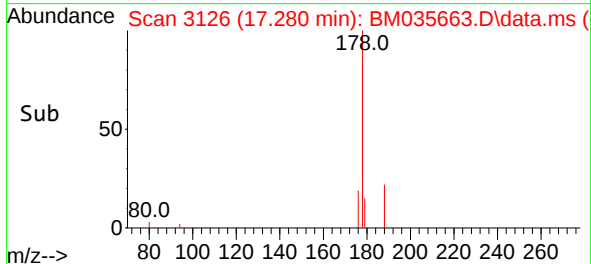
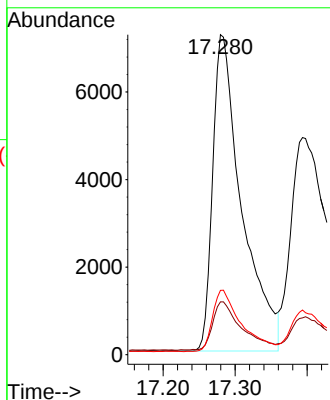
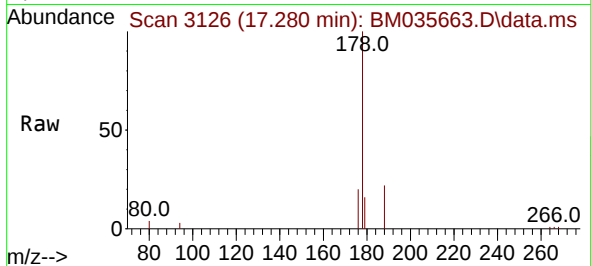




#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.280 min Scan# 3125
Delta R.T. 0.008 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

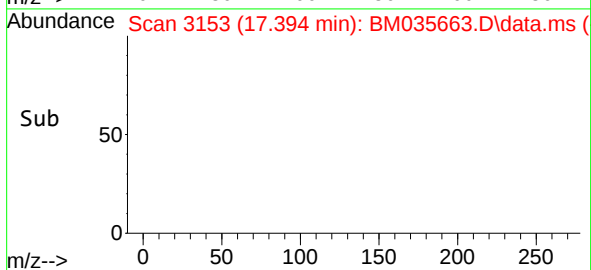
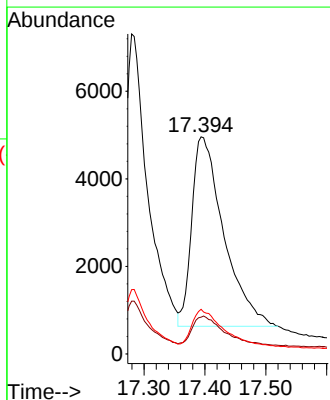
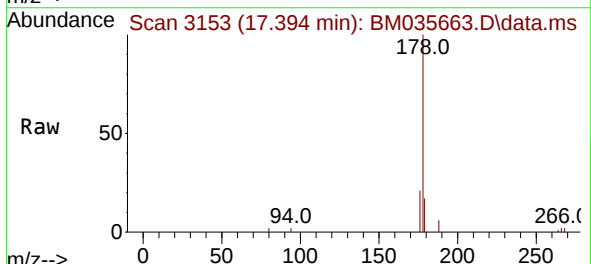
Instrument :
BNA_M
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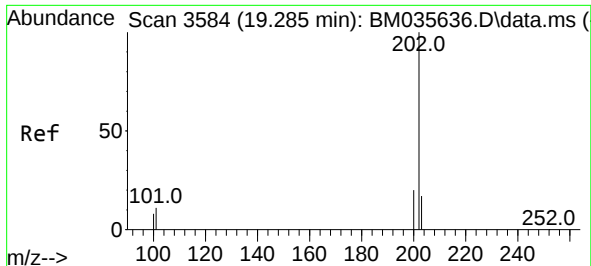
Tgt Ion:178 Resp: 20266
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.342 ng/u1
RT: 17.394 min Scan# 3153
Delta R.T. 0.020 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion:178 Resp: 15820
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 20.6 15.9 23.9

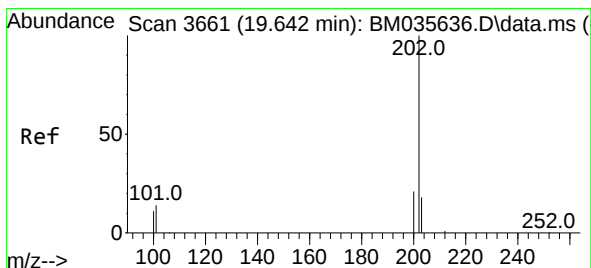
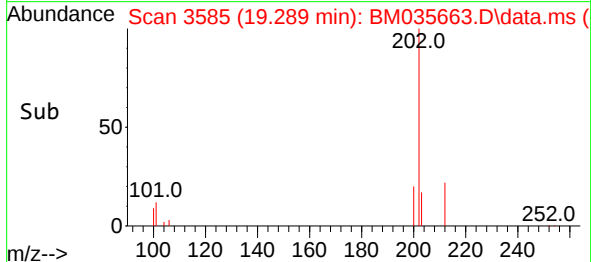
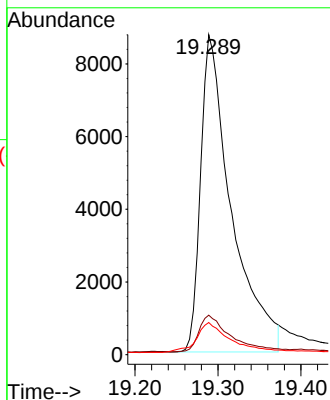
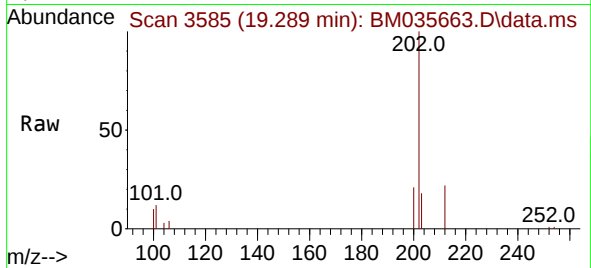




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.289 min Scan# 3584
Delta R.T. 0.003 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

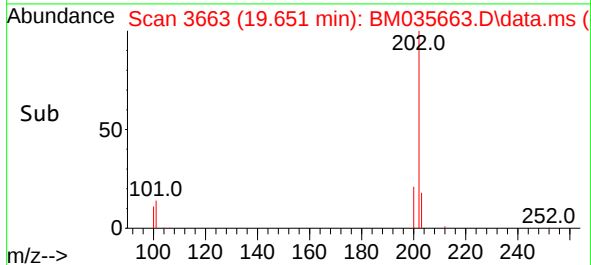
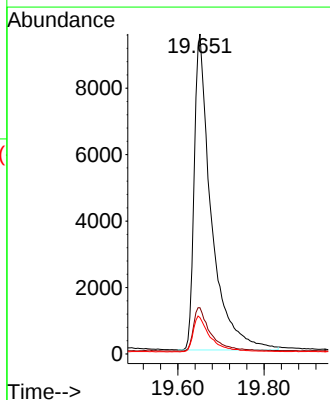
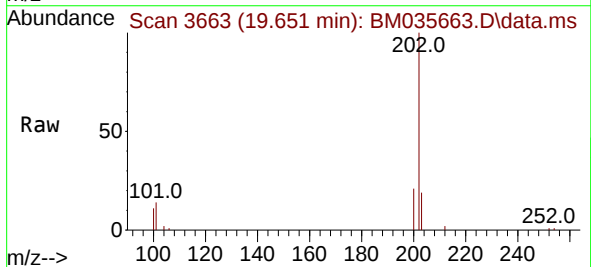
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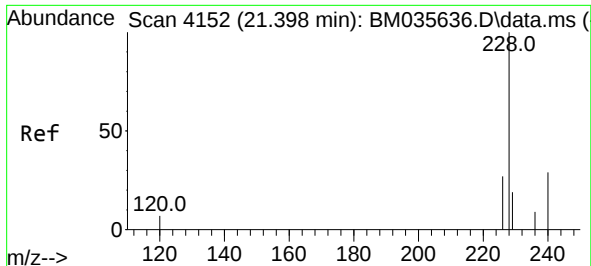
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	10.0	7.5	11.3



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.651 min Scan# 3663
Delta R.T. 0.003 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.6	17.4
100	11.4	9.3	13.9

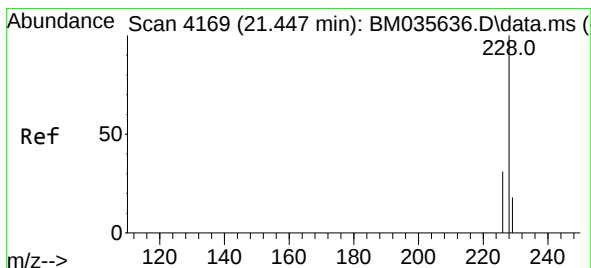
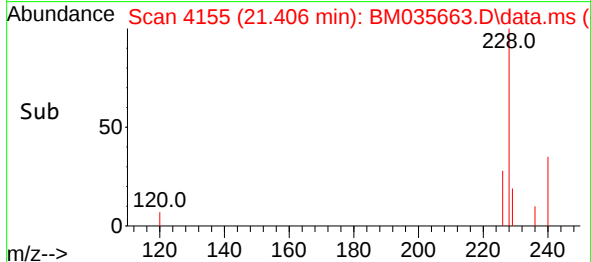
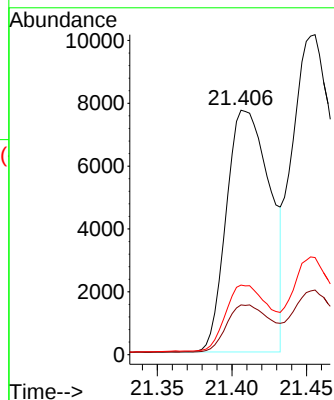
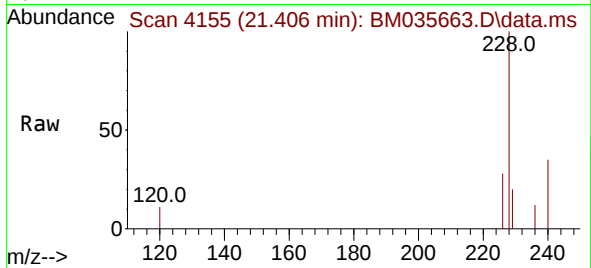




#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.406 min Scan# 4155
Delta R.T. 0.006 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

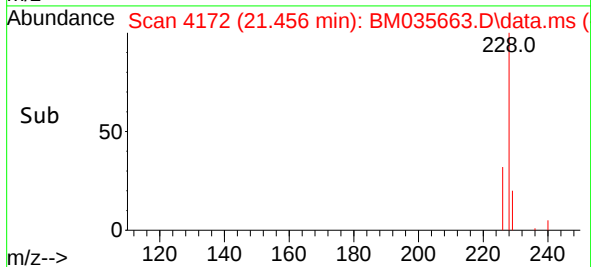
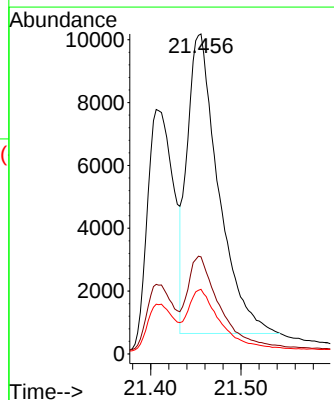
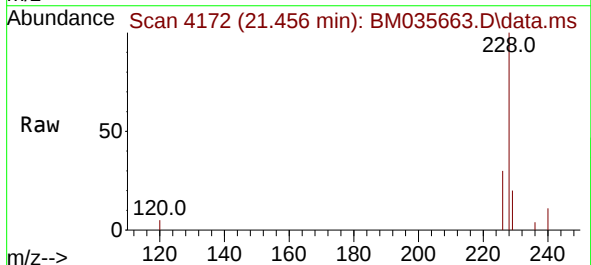
Instrument :
BNA_M
ClientSampleId :

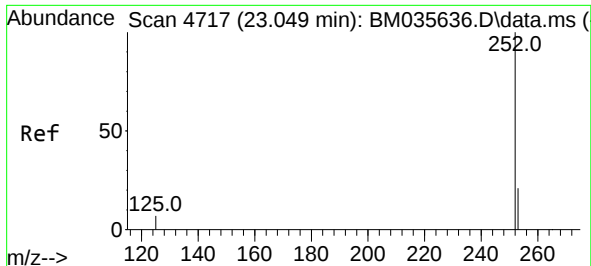
Tgt Ion:228 Resp: 15752
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. 0.006 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion:228 Resp: 22833
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 20.2 15.8 23.8

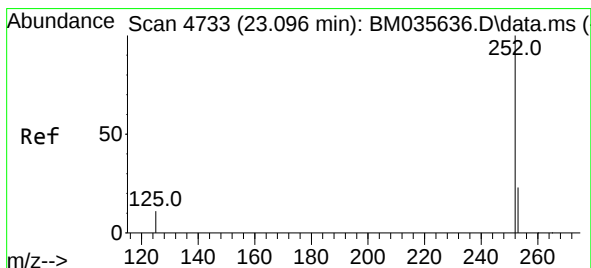
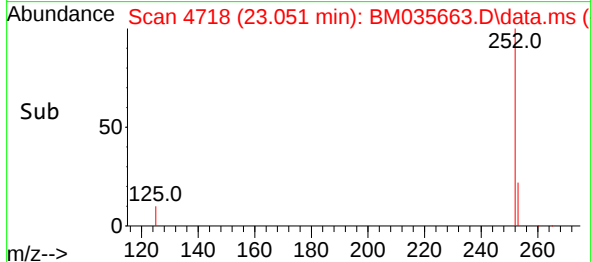
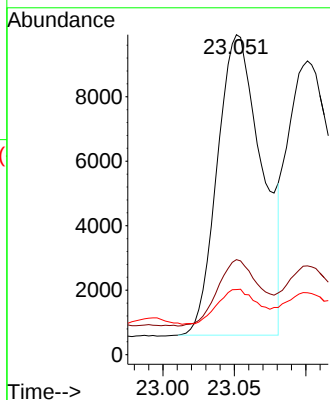
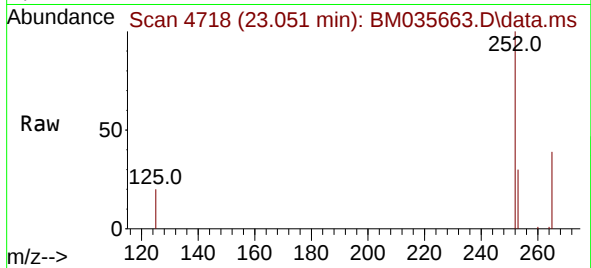




#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.051 min Scan# 4718
Delta R.T. 0.000 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

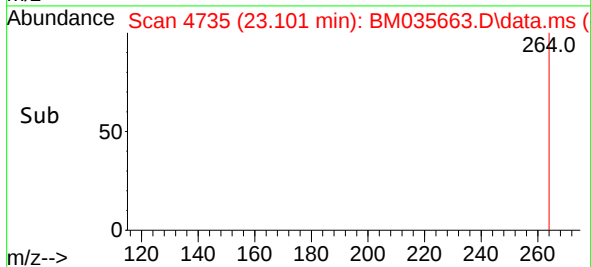
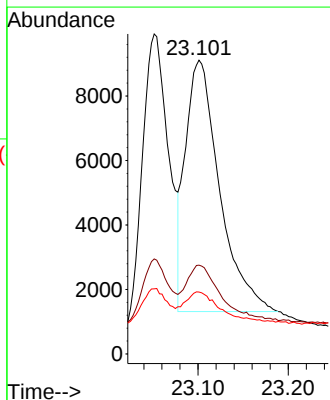
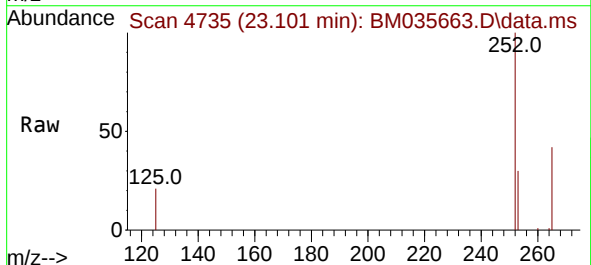
Instrument :
BNA_M
ClientSampleId :

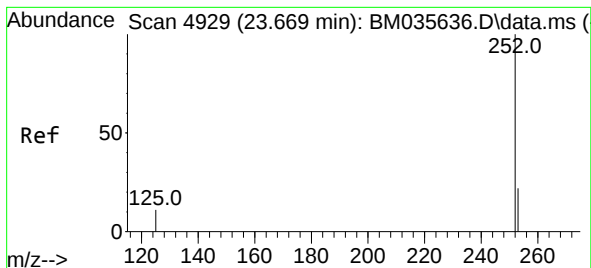
Tgt Ion:252 Resp: 20223
Ion Ratio Lower Upper
252 100
253 29.7 0.0 60.6
125 20.3 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.003 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion:252 Resp: 20465
Ion Ratio Lower Upper
252 100
253 30.2 24.7 37.1
125 21.1 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.422 ng/ul

RT: 23.671 min Scan# 4930

Delta R.T. 0.003 min

Lab File: BM035663.D

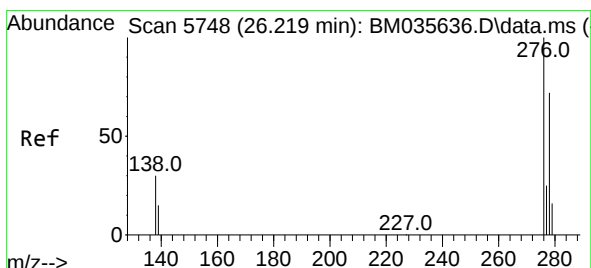
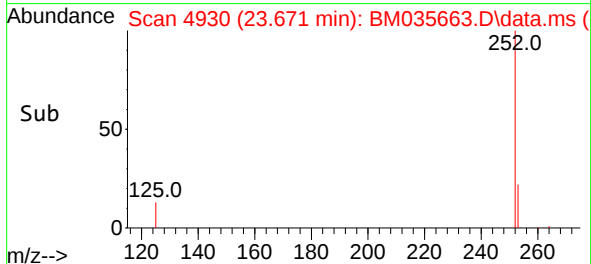
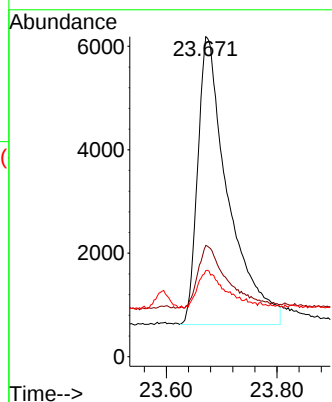
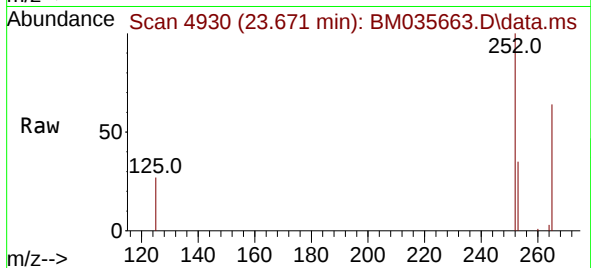
Acq: 24 Jun 2022 15:13

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	21202
Ion Ratio	Lower	Upper
252	100	
253	34.8	27.8 41.6
125	26.9	23.3 34.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng/ul

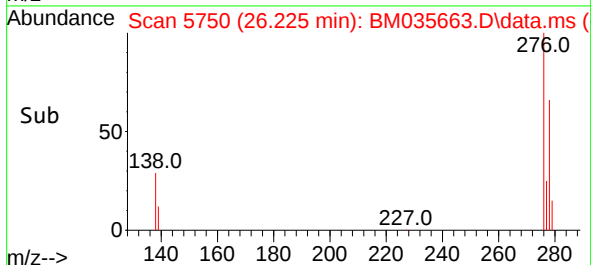
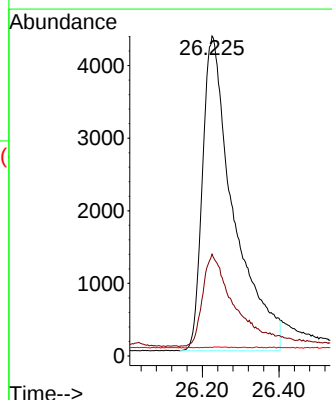
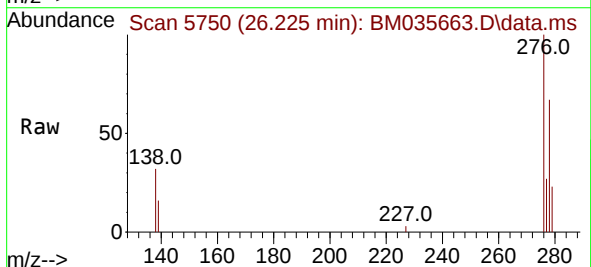
RT: 26.225 min Scan# 5750

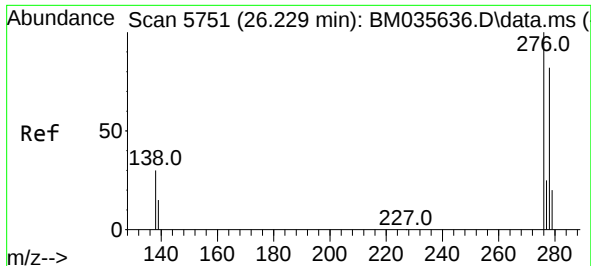
Delta R.T. 0.014 min

Lab File: BM035663.D

Acq: 24 Jun 2022 15:13

Tgt Ion:276	Resp:	24444
Ion Ratio	Lower	Upper
276	100	
138	30.0	24.8 37.2
227	0.1	0.1 0.1

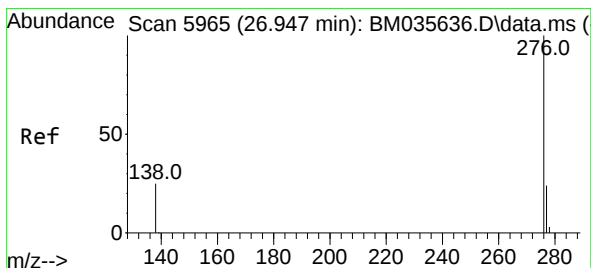
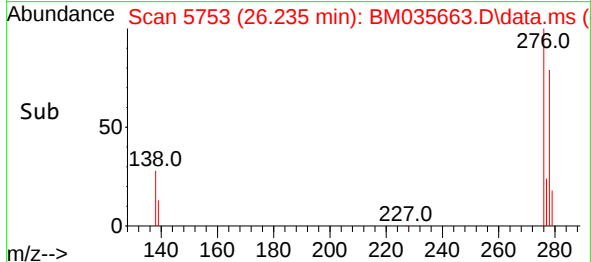
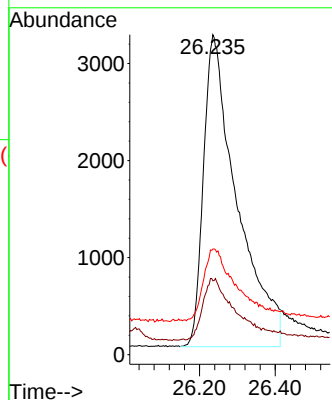
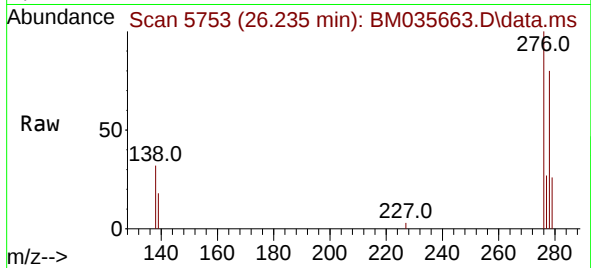




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.235 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19757
Ion Ratio Lower Upper
278 100
139 23.1 19.1 28.7
279 33.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 26.950 min Scan# 5966
Delta R.T. 0.004 min
Lab File: BM035663.D
Acq: 24 Jun 2022 15:13

Tgt Ion:276 Resp: 22738
Ion Ratio Lower Upper
276 100
138 27.7 23.1 34.7
277 26.1 20.3 30.5

