

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035679.D
 Acq On : 25 Jun 2022 01:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:06:51 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)

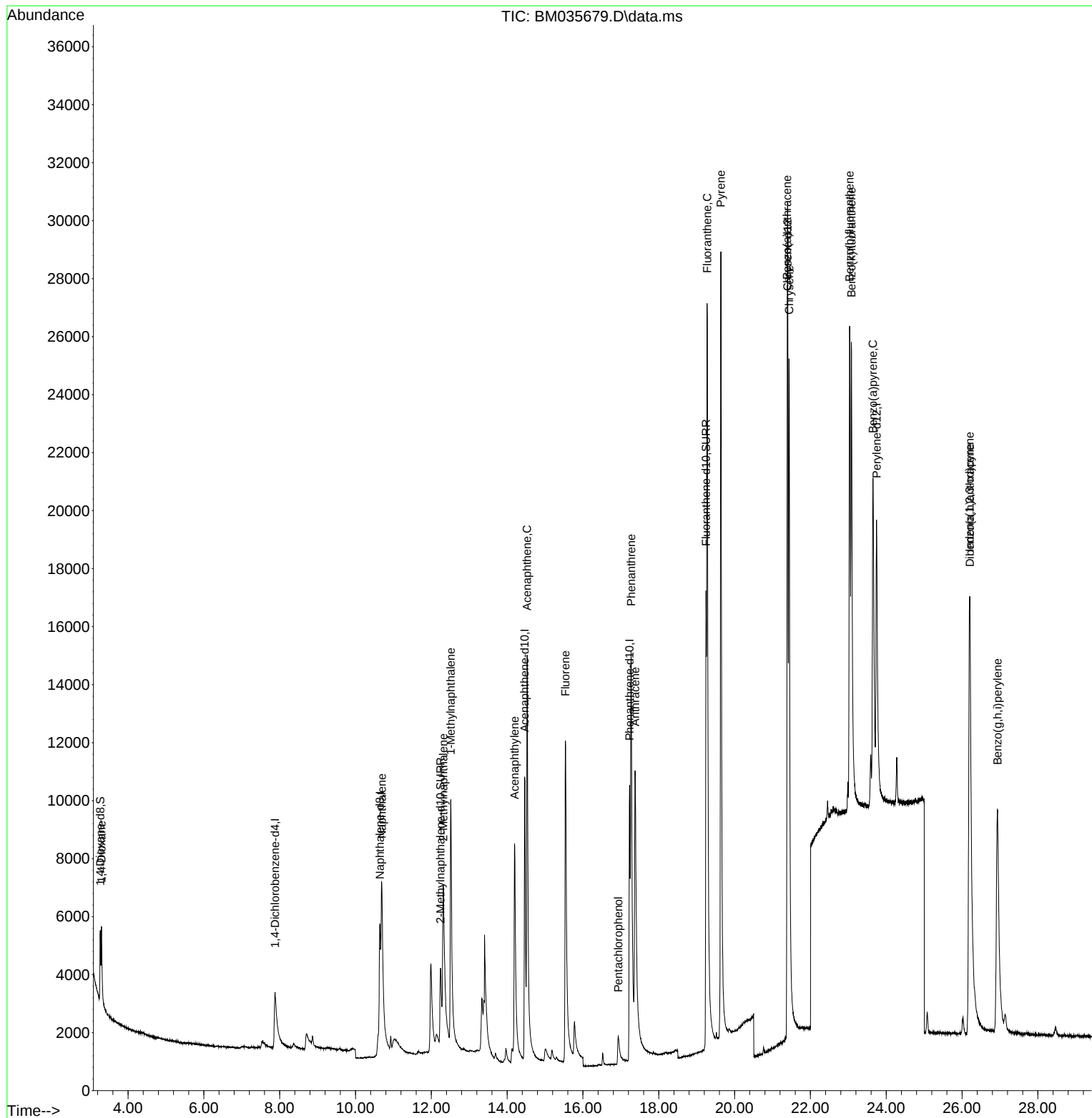
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	2878	0.400	ng/ul	0.02
4) Naphthalene-d8	10.644	136	14719	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	8077	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	17856	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	19006	0.400	ng/ul	-0.01
23) Perylene-d12	23.748	264	16942	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	1943	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	8658	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	24394	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	1860	0.461	ng/ul#	62
5) Naphthalene	10.693	128	14628	0.293	ng/ul	98
7) 2-Methylnaphthalene	12.316	142	8773	0.308	ng/ul	92
8) 1-Methylnaphthalene	12.514	142	9625	0.368	ng/ul	98
10) Acenaphthylene	14.196	152	16993	0.374	ng/ul	99
11) Acenaphthene	14.529	153	12318	0.366	ng/ul	99
12) Fluorene	15.537	166	14161	0.372	ng/ul	99
14) Pentachlorophenol	16.929	266	1538	0.449	ng/ul	96
15) Phenanthrene	17.271	178	23473	0.359	ng/ul	99
16) Anthracene	17.377	178	20735	0.362	ng/ul	99
19) Fluoranthene	19.280	202	31311	0.322	ng/ul	97
20) Pyrene	19.638	202	35611	0.350	ng/ul	97
21) Benzo(a)anthracene	21.389	228	24255	0.337	ng/ul	99
22) Chrysene	21.438	228	28360	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.034	252	24786	0.334	ng/ul	99
25) Benzo(k)fluoranthene	23.081	252	26111	0.339	ng/ul	99
26) Benzo(a)pyrene	23.651	252	25849	0.336	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.202	276	28587	0.323	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.209	278	23148	0.320	ng/ul	95
29) Benzo(g,h,i)perylene	26.936	276	25378	0.320	ng/ul	96

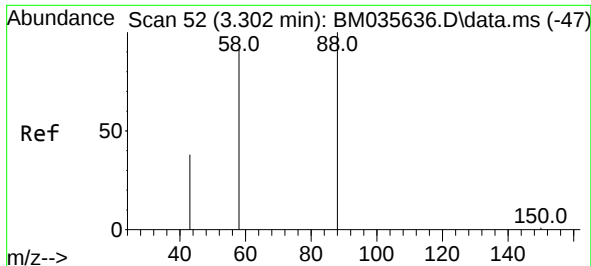
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 04:06:51 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

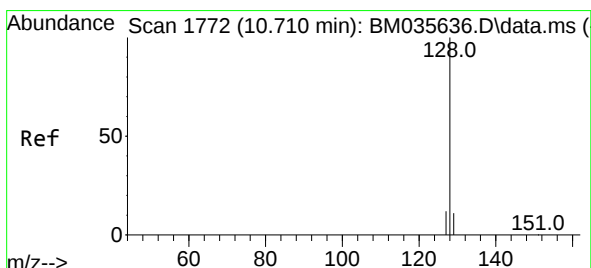
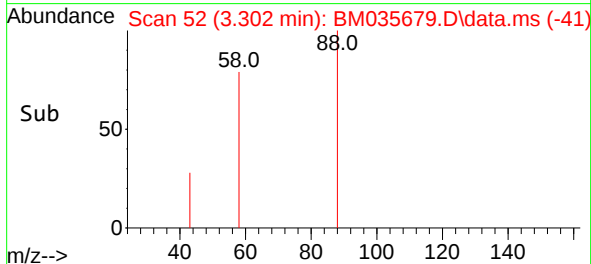
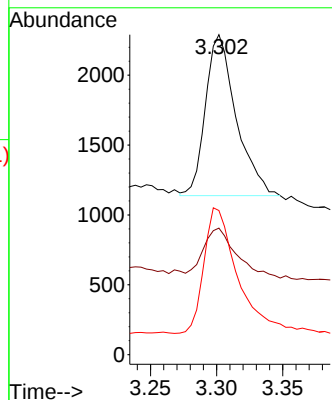
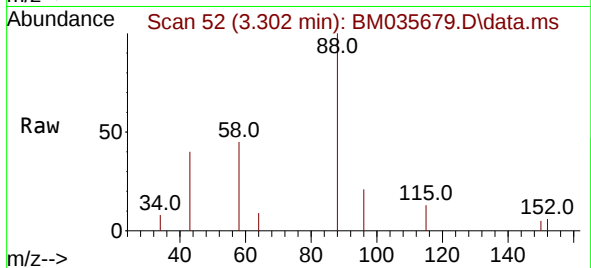




#2
1,4-Dioxane
Concen: 0.461 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

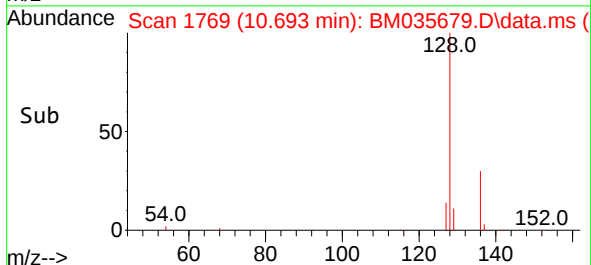
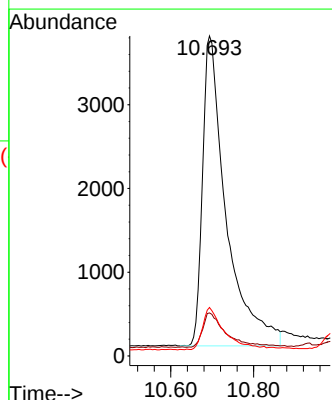
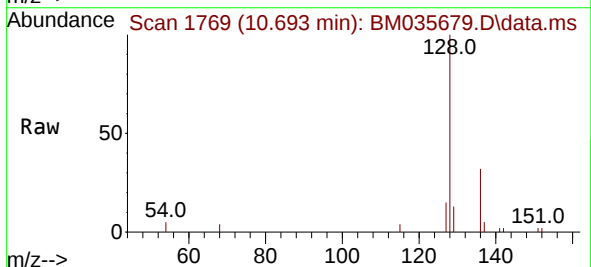
Instrument :
BNA_M
ClientSampleId :

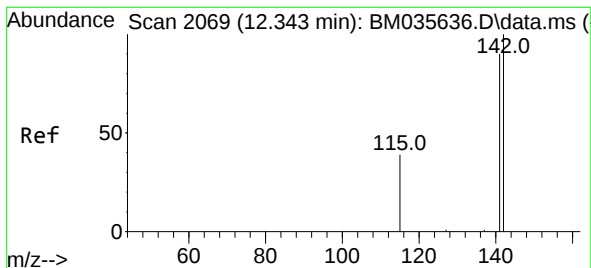
Tgt Ion: 88 Resp: 1860
Ion Ratio Lower Upper
88 100
43 39.5 70.4 105.6#
58 45.0 45.6 68.4#



#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

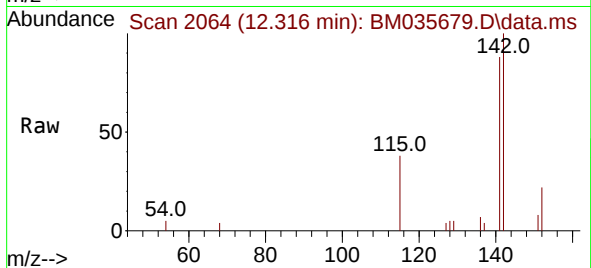
Tgt Ion: 128 Resp: 14628
Ion Ratio Lower Upper
128 100
129 13.4 10.1 15.1
127 15.1 11.4 17.2



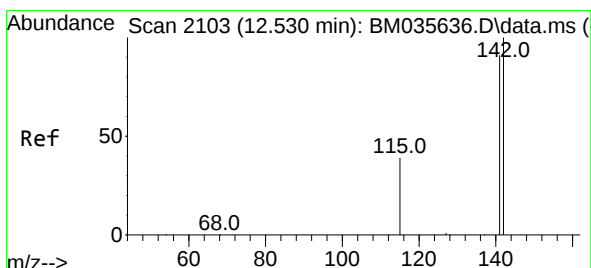
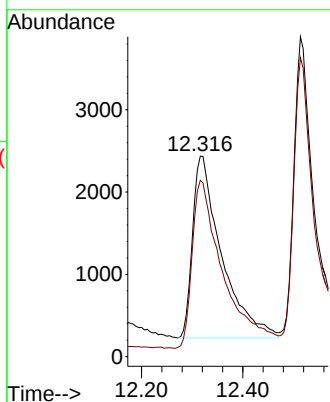
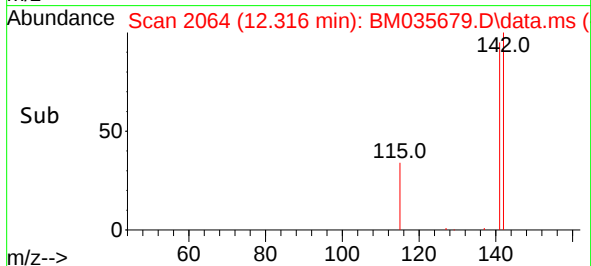


#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

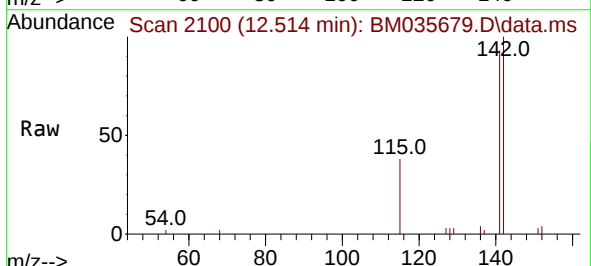
Instrument :
BNA_M
ClientSampleId :



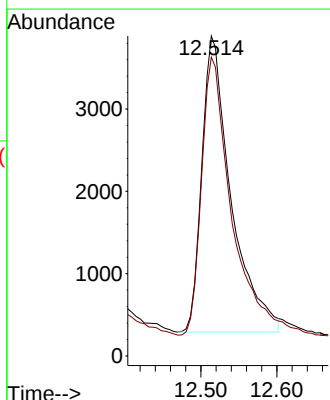
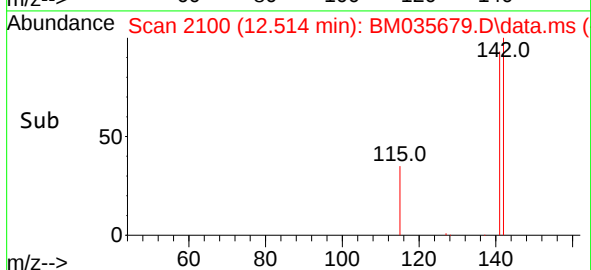
Tgt Ion:142 Resp: 8773
Ion Ratio Lower Upper
142 100
141 100.0 73.8 110.8

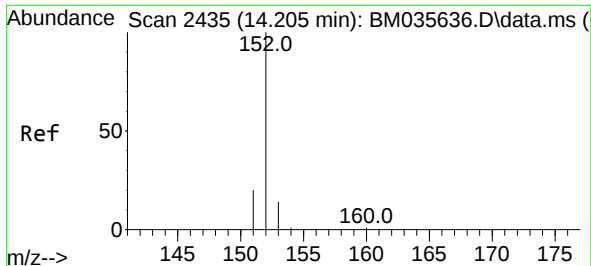


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55



Tgt Ion:142 Resp: 9625
Ion Ratio Lower Upper
142 100
141 95.2 74.6 111.8

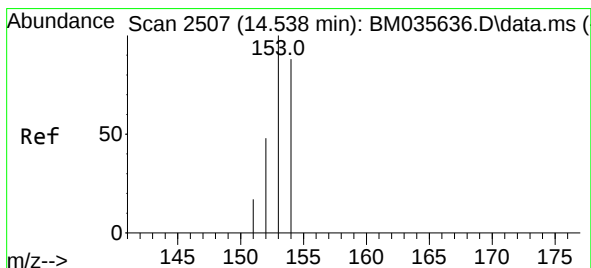
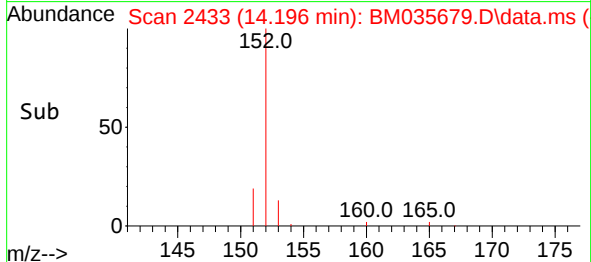
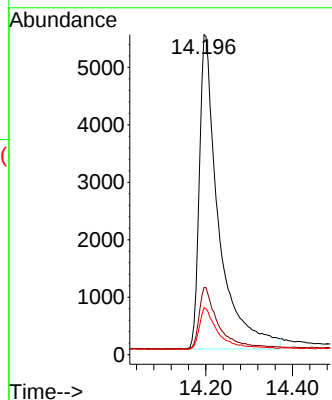
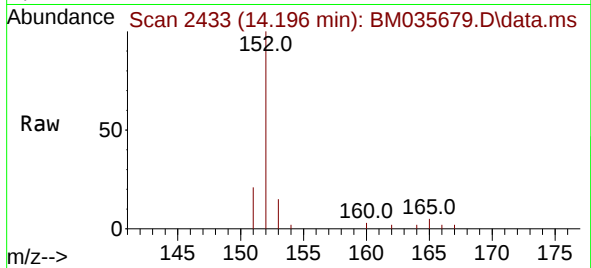




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.196 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

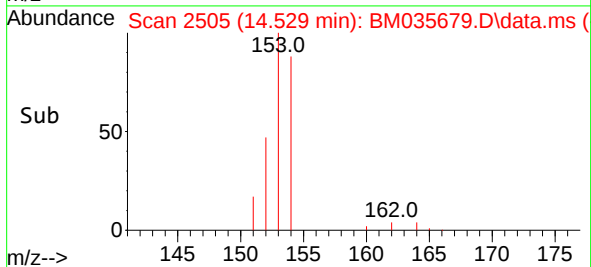
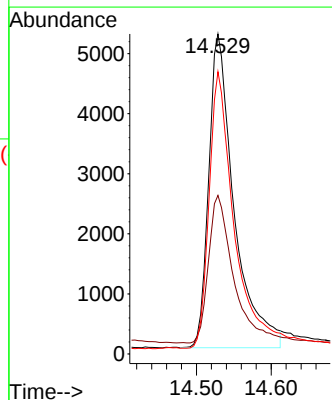
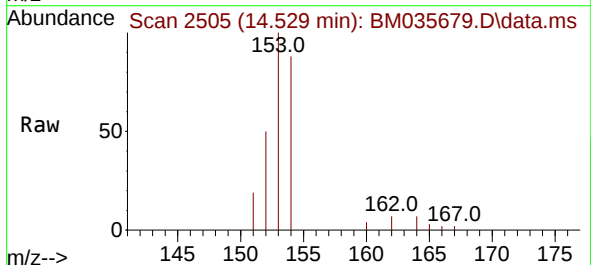
Instrument :
BNA_M
ClientSampleId :

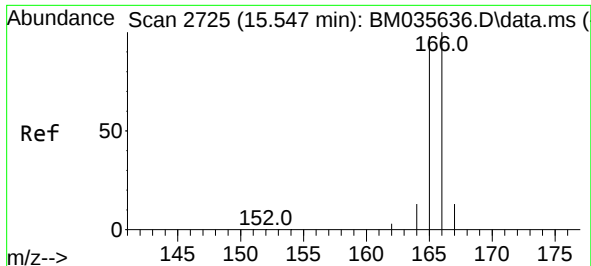
Tgt Ion:152 Resp: 16993
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.7 11.1 16.7



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

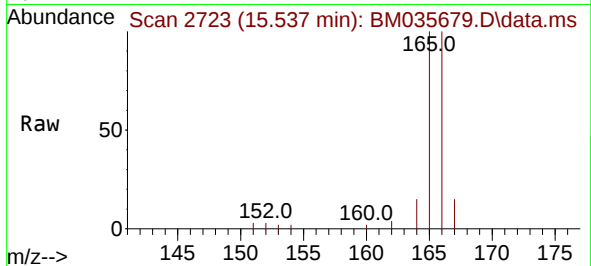
Tgt Ion:153 Resp: 12318
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 88.2 69.1 103.7



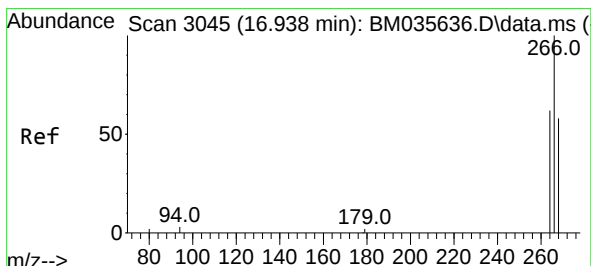
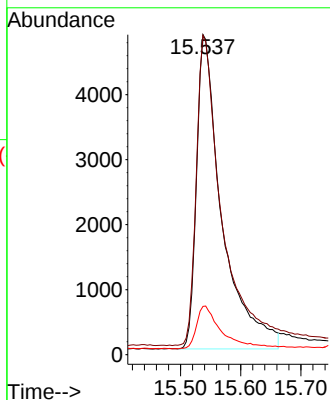
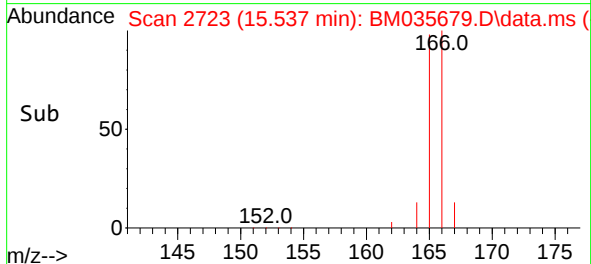


#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.537 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

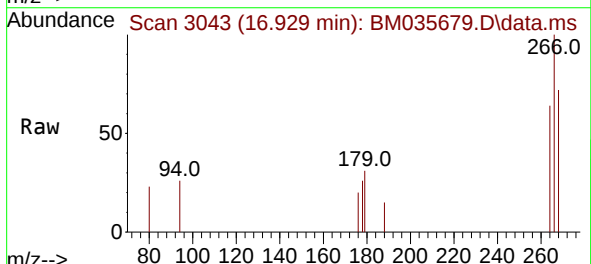
Instrument :
BNA_M
ClientSampleId :



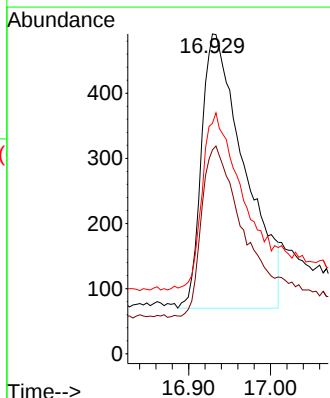
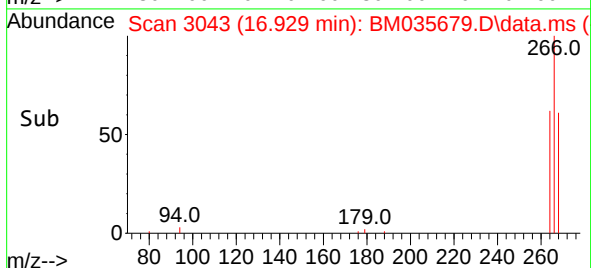
Tgt Ion:166 Resp: 14161
Ion Ratio Lower Upper
166 100
165 99.7 78.7 118.1
167 15.1 11.6 17.4

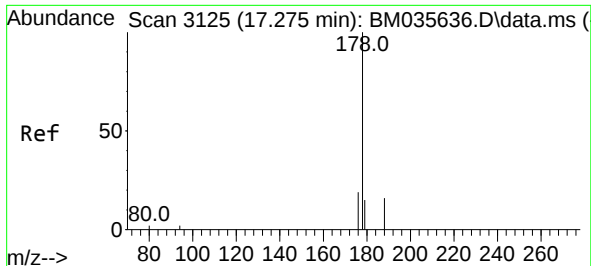


#14
Pentachlorophenol
Concen: 0.449 ng/ul
RT: 16.929 min Scan# 3043
Delta R.T. -0.001 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55



Tgt Ion:266 Resp: 1538
Ion Ratio Lower Upper
266 100
264 61.6 51.0 76.4
268 61.2 51.7 77.5

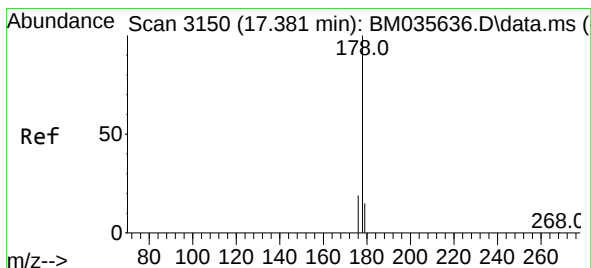
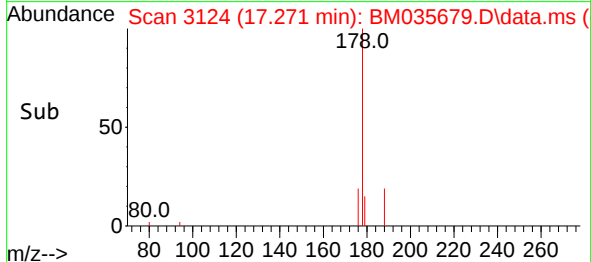
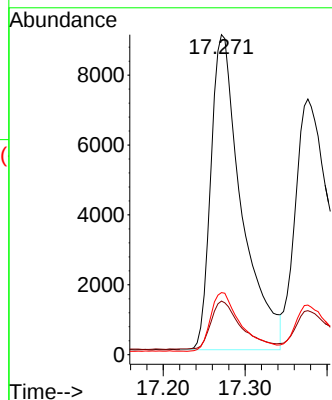
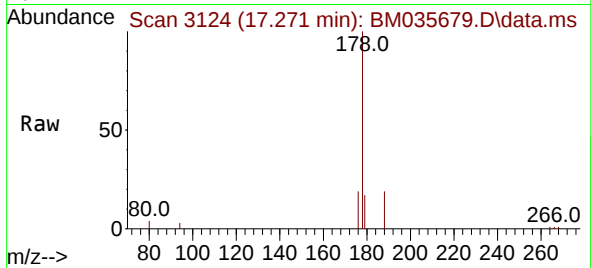




#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.271 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

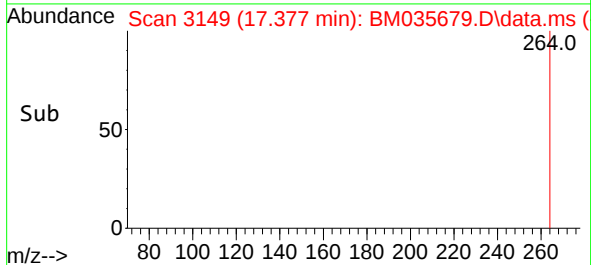
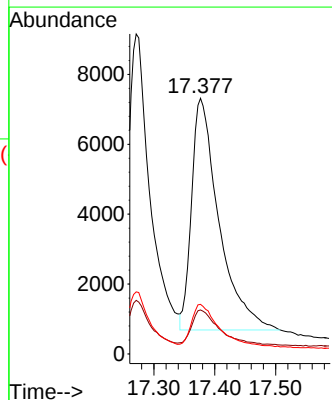
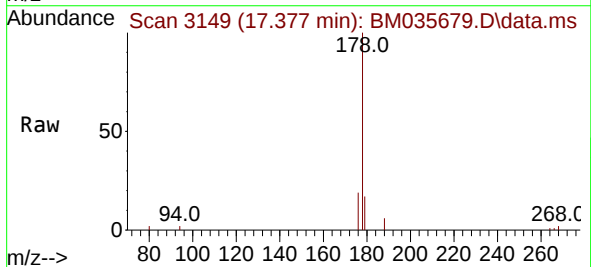
Instrument :
BNA_M
ClientSampleId :

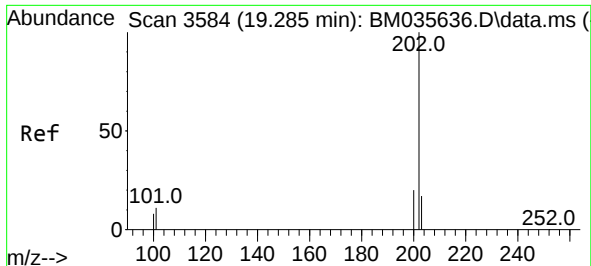
Tgt Ion:178 Resp: 23473
Ion Ratio Lower Upper
178 100
179 16.8 13.2 19.8
176 19.4 16.2 24.4



#16
Anthracene
Concen: 0.362 ng/u1
RT: 17.377 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

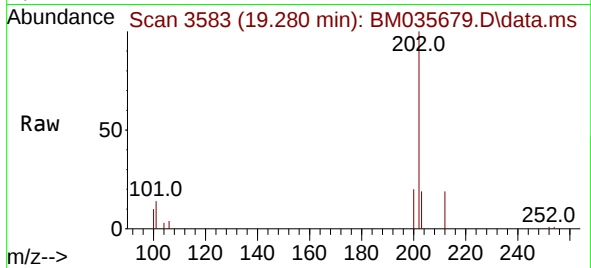
Tgt Ion:178 Resp: 20735
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.0
176 19.4 15.9 23.9



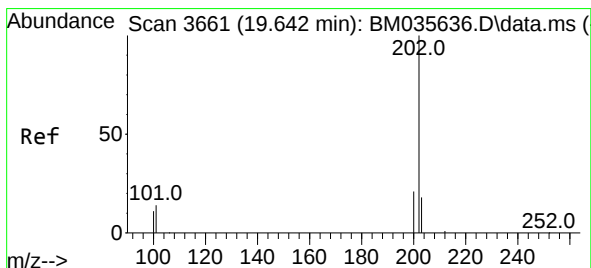
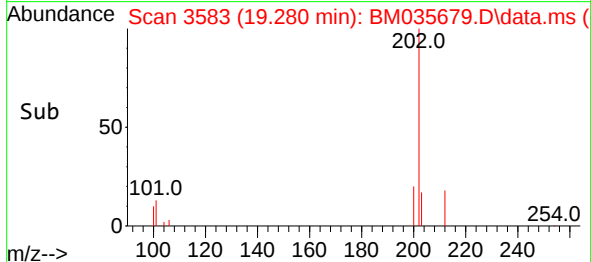
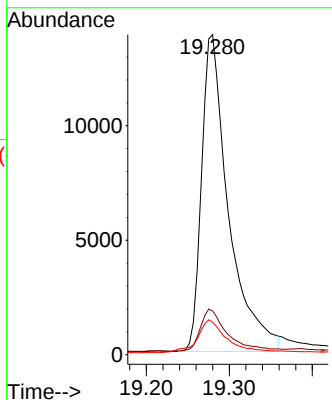


#19
Fluoranthene
Concen: 0.322 ng/ul
RT: 19.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

Instrument :
BNA_M
ClientSampleId :

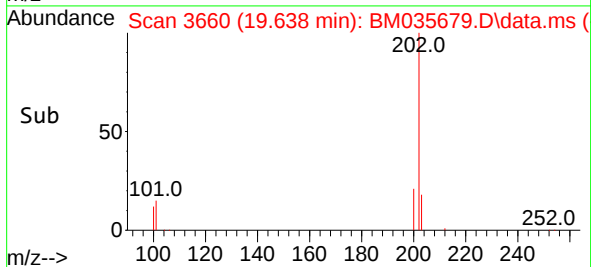
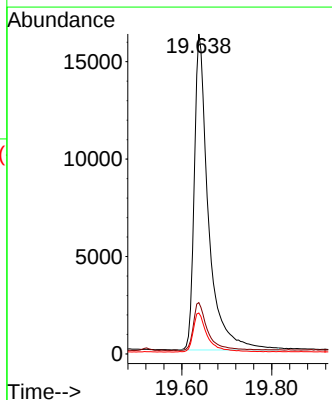
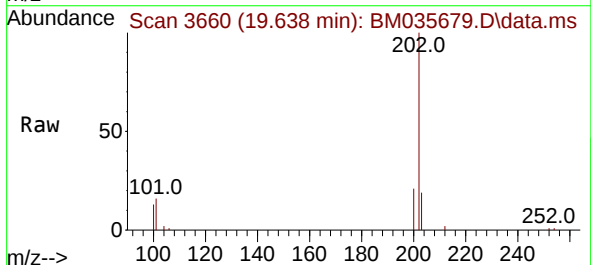


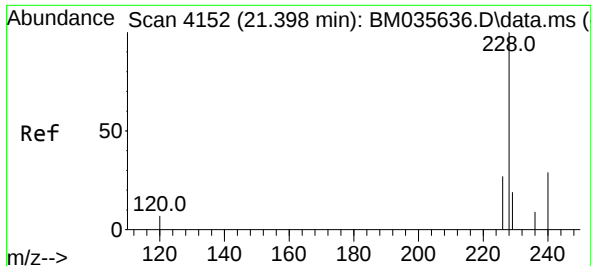
Tgt Ion:202 Resp: 31311
Ion Ratio Lower Upper
202 100
101 13.6 10.0 15.0
100 10.1 7.5 11.3



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.638 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

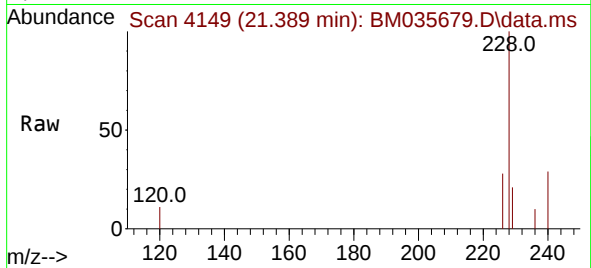
Tgt Ion:202 Resp: 35611
Ion Ratio Lower Upper
202 100
101 16.1 11.6 17.4
100 12.8 9.3 13.9



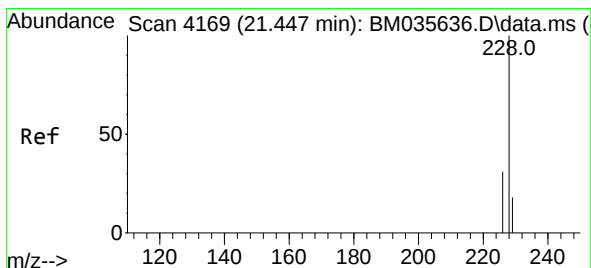
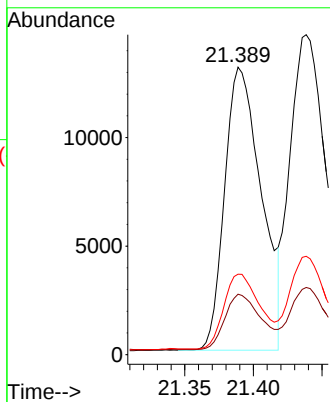
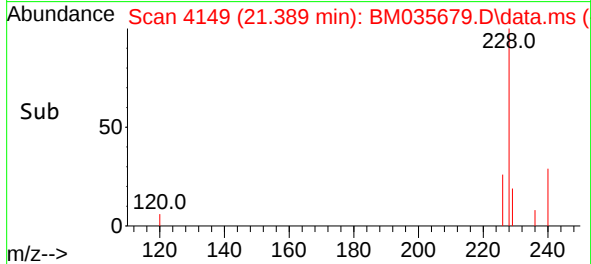


#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.389 min Scan# 4152
Delta R.T. -0.011 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

Instrument :
BNA_M
ClientSampleId :

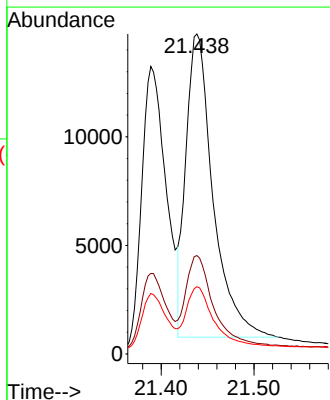
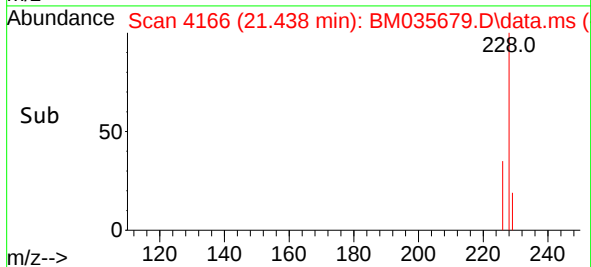
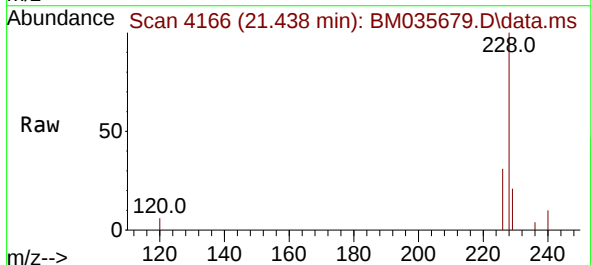


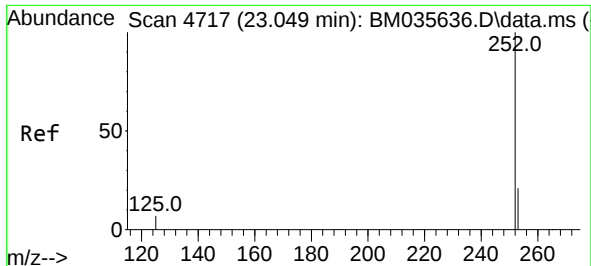
Tgt Ion:228 Resp: 24255
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

Tgt Ion:228 Resp: 28360
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.0 15.8 23.8

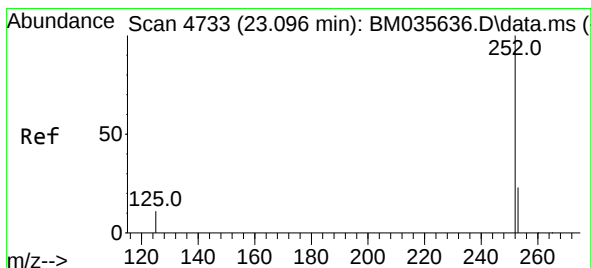
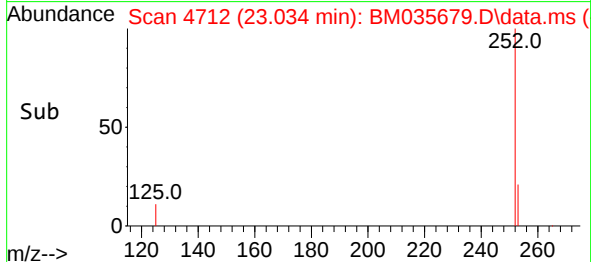
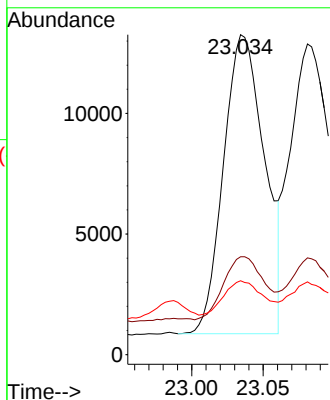
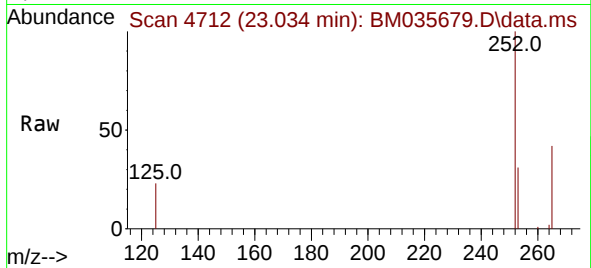




#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. -0.017 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

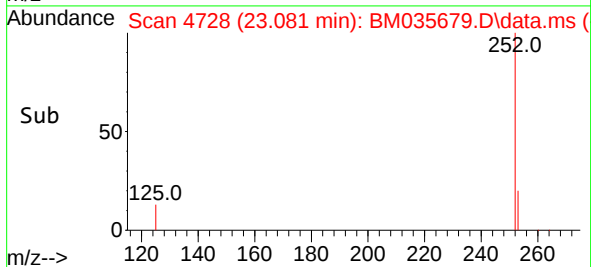
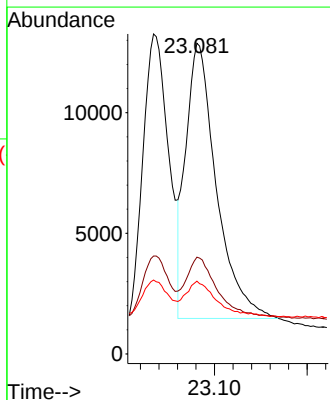
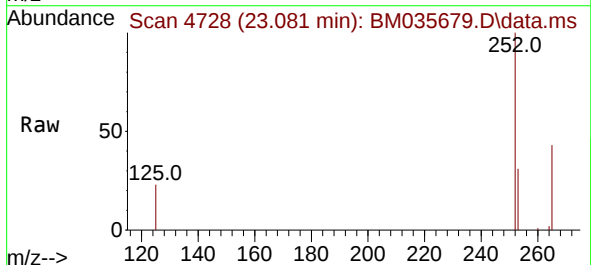
Instrument :
BNA_M
ClientSampleId :

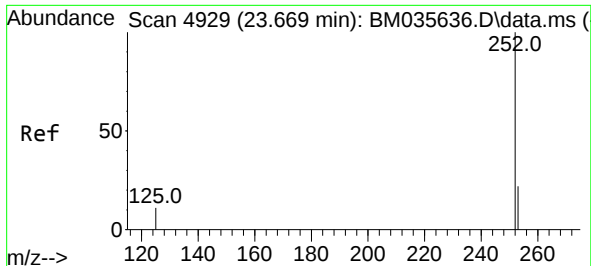
Tgt Ion:252 Resp: 24786
Ion Ratio Lower Upper
252 100
253 30.6 0.0 60.6
125 23.1 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.081 min Scan# 4728
Delta R.T. -0.017 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

Tgt Ion:252 Resp: 26111
Ion Ratio Lower Upper
252 100
253 31.1 24.7 37.1
125 23.4 18.2 27.4

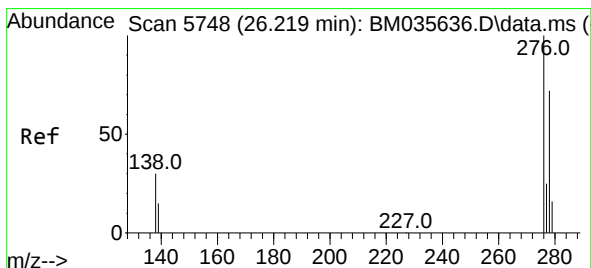
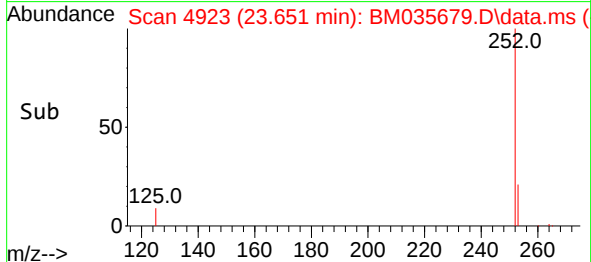
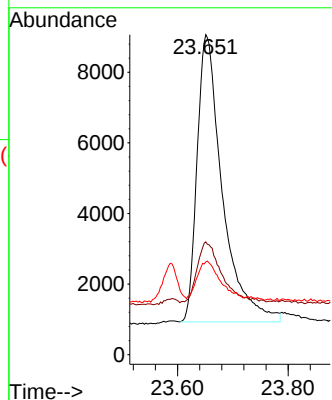
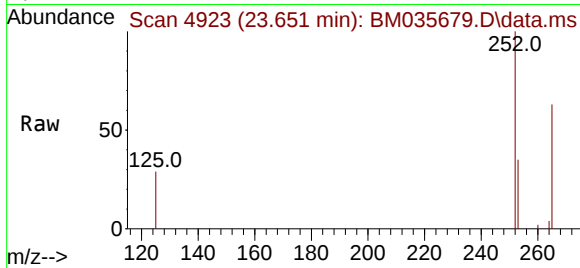




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.651 min Scan# 4923
Delta R.T. -0.017 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

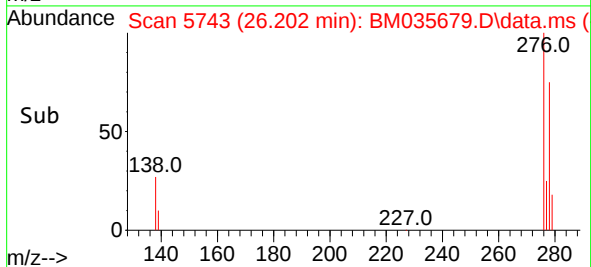
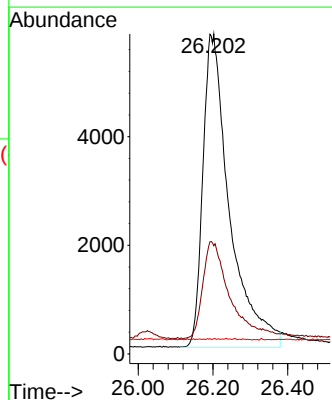
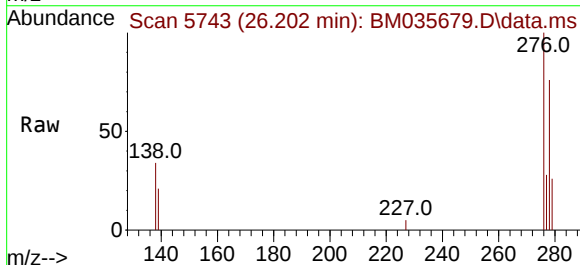
Instrument :
BNA_M
ClientSampleId :

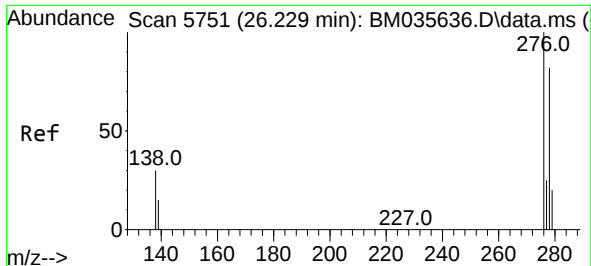
Tgt Ion:252	Resp:	25849
Ion Ratio	Lower	Upper
252	100	
253	35.2	27.8 41.6
125	29.0	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.202 min Scan# 5743
Delta R.T. -0.009 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

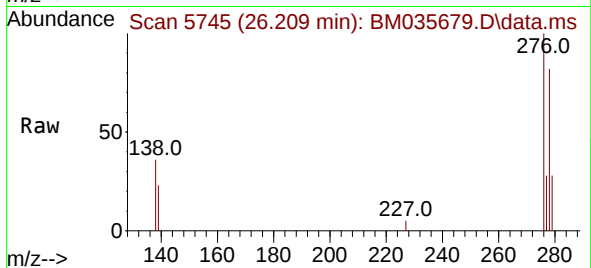
Tgt Ion:276	Resp:	28587
Ion Ratio	Lower	Upper
276	100	
138	31.6	24.8 37.2
227	0.0	0.1 0.1#



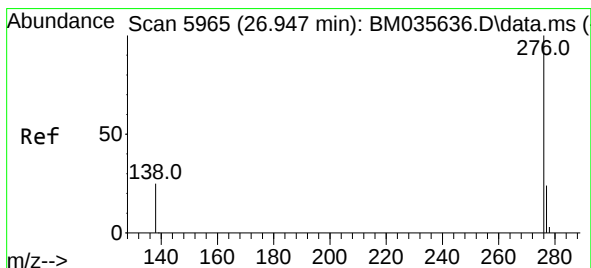
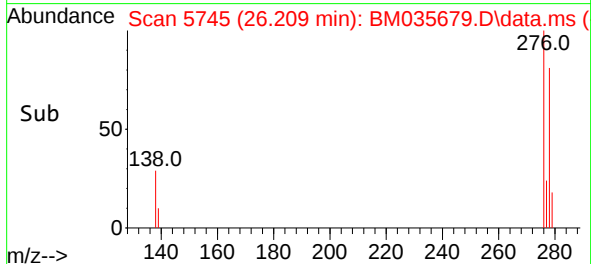
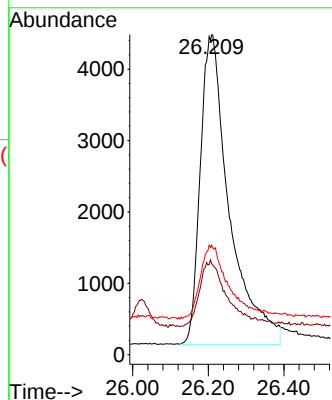


#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.013 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 23148
Ion Ratio Lower Upper
278 100
139 28.5 19.1 28.7
279 34.3 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 26.936 min Scan# 5962
Delta R.T. -0.009 min
Lab File: BM035679.D
Acq: 25 Jun 2022 01:55

Tgt Ion:276 Resp: 25378
Ion Ratio Lower Upper
276 100
138 31.6 23.1 34.7
277 27.0 20.3 30.5

