

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035636.D
 Acq On : 23 Jun 2022 21:42
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 01:36:24 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)

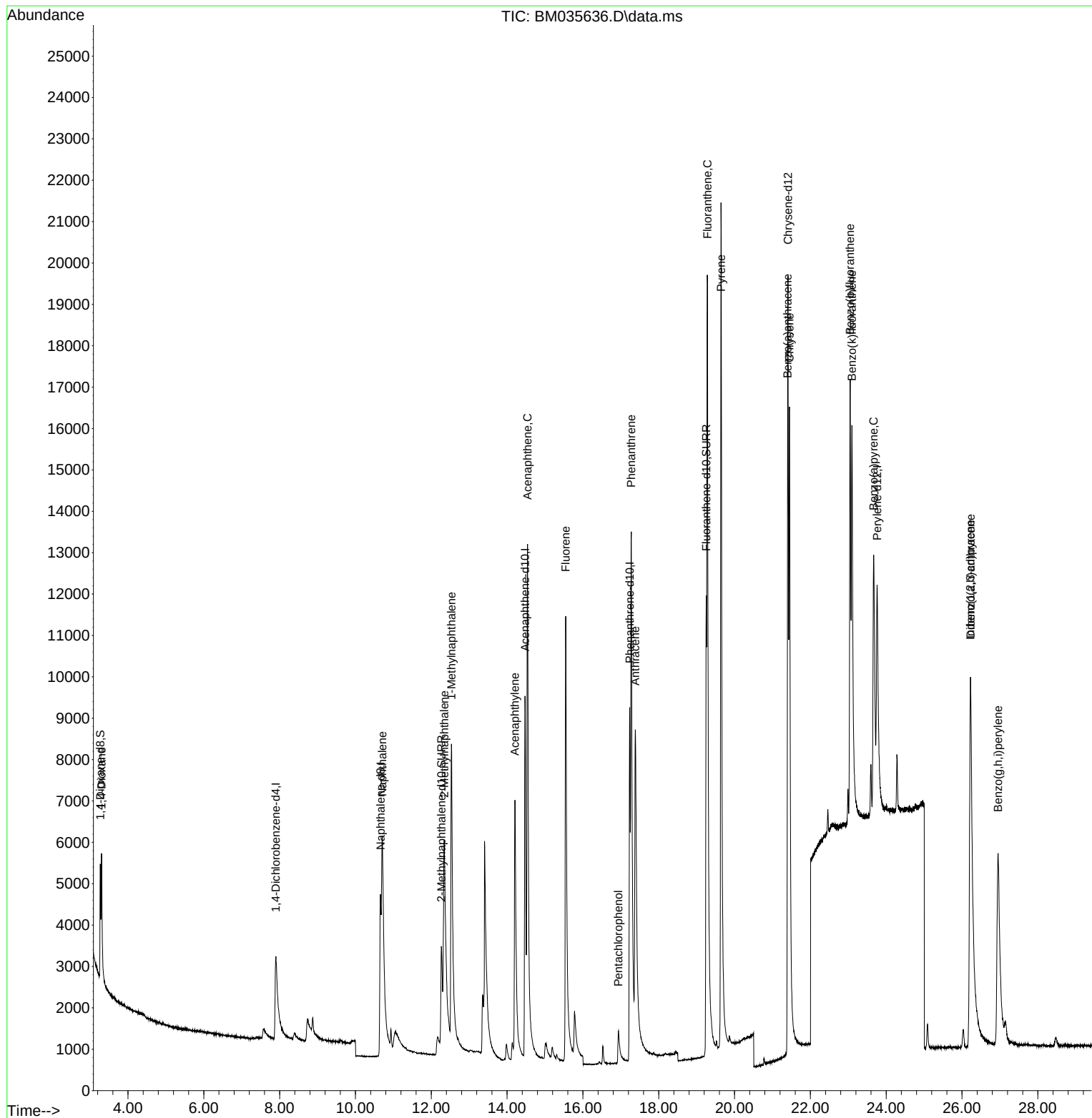
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	2897	0.400	ng/ul	0.04
4) Naphthalene-d8	10.661	136	13344	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.473	164	6552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	16129	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	12896	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	10238	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2052	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	7979	0.402	ng/ul	0.02
18) Fluoranthene-d10	19.252	212	18132	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	1916	0.472	ng/ul#	71
5) Naphthalene	10.710	128	14565	0.322	ng/ul	99
7) 2-Methylnaphthalene	12.343	142	8510	0.330	ng/ul	94
8) 1-Methylnaphthalene	12.530	142	9203	0.388	ng/ul	100
10) Acenaphthylene	14.205	152	14995	0.406	ng/ul	99
11) Acenaphthene	14.538	153	11555	0.423	ng/ul	99
12) Fluorene	15.547	166	13070	0.423	ng/ul	99
14) Pentachlorophenol	16.938	266	1139	0.368	ng/ul	98
15) Phenanthrene	17.275	178	20881	0.353	ng/ul	99
16) Anthracene	17.381	178	17284	0.334	ng/ul	99
19) Fluoranthene	19.285	202	24432	0.371	ng/ul	100
20) Pyrene	19.642	202	28907	0.418	ng/ul	100
21) Benzo(a)anthracene	21.398	228	15504	0.318	ng/ul	99
22) Chrysene	21.447	228	20312	0.350	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	16237	0.362	ng/ul	99
25) Benzo(k)fluoranthene	23.096	252	16175	0.348	ng/ul	99
26) Benzo(a)pyrene	23.669	252	16584	0.357	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.219	276	18649	0.348	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.229	278	15150	0.347	ng/ul	98
29) Benzo(g,h,i)perylene	26.947	276	17006	0.355	ng/ul	99

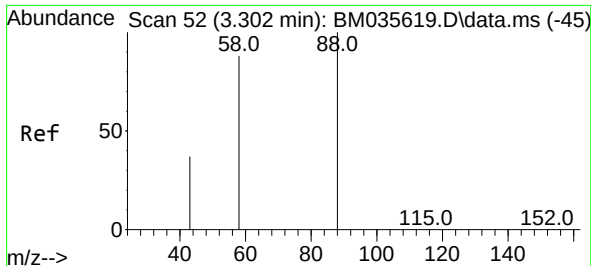
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
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Instrument :
BNA_M
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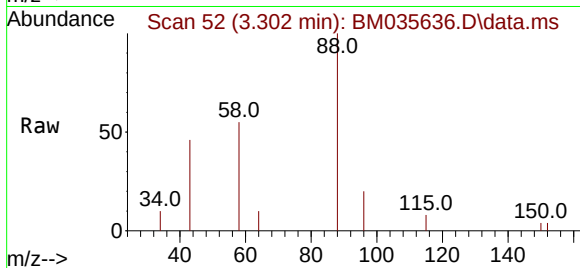
Quant Time: Jun 24 01:36:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration



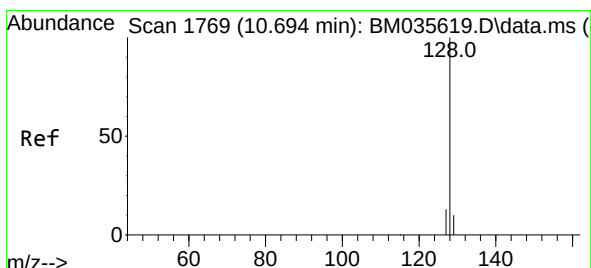
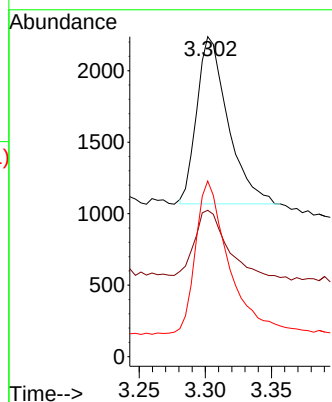
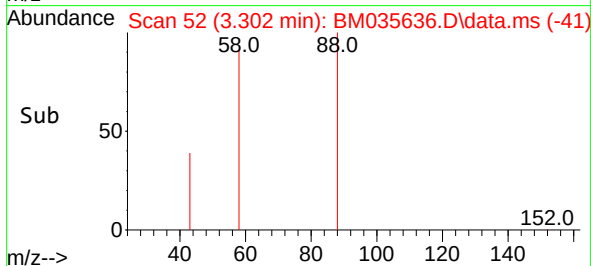


#2
 1,4-Dioxane
 Concen: 0.472 ng/ul
 RT: 3.302 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM035636.D
 Acq: 23 Jun 2022 21:42

Instrument :
 BNA_M
 ClientSampleId :

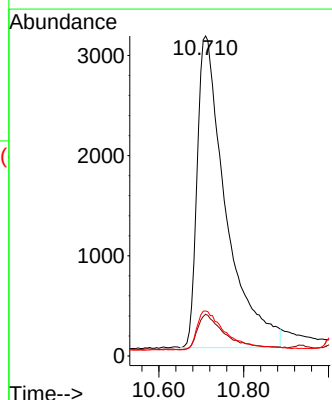
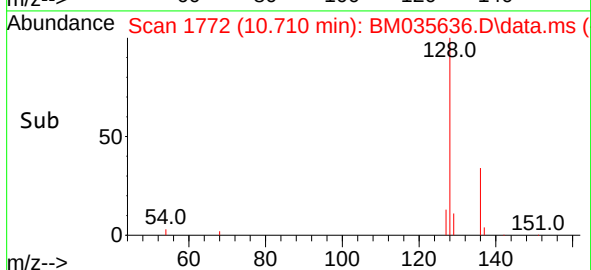
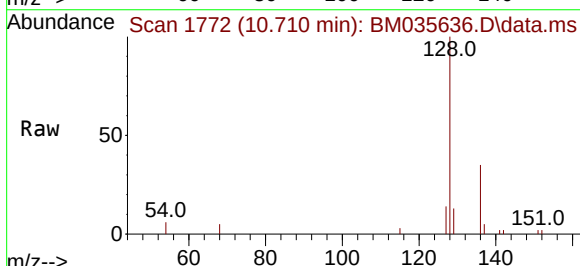


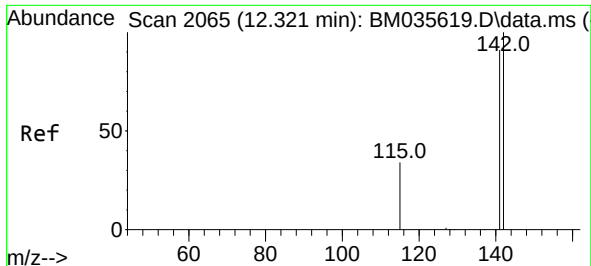
Tgt Ion: 88 Resp: 1916
 Ion Ratio Lower Upper
 88 100
 43 45.8 70.4 105.6#
 58 54.9 45.6 68.4



#5
 Naphthalene
 Concen: 0.322 ng/ul
 RT: 10.710 min Scan# 1772
 Delta R.T. 0.017 min
 Lab File: BM035636.D
 Acq: 23 Jun 2022 21:42

Tgt Ion: 128 Resp: 14565
 Ion Ratio Lower Upper
 128 100
 129 13.0 10.1 15.1
 127 14.1 11.4 17.2

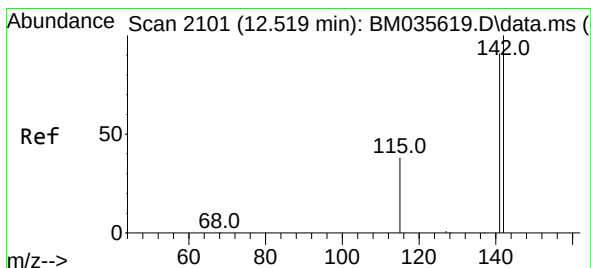
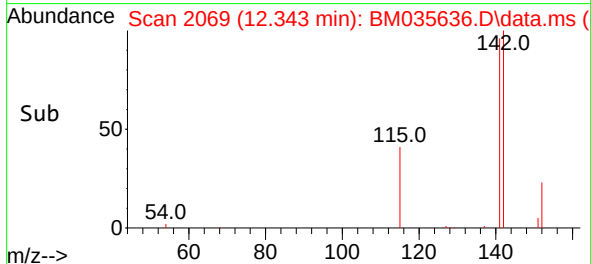
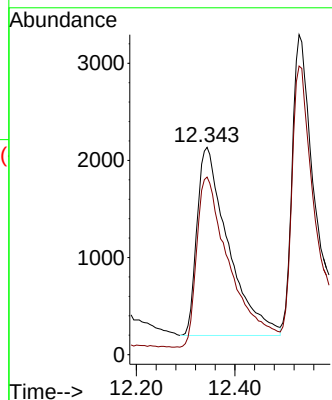
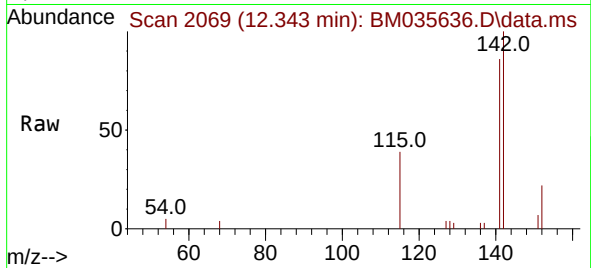




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.343 min Scan# 2069
Delta R.T. 0.022 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

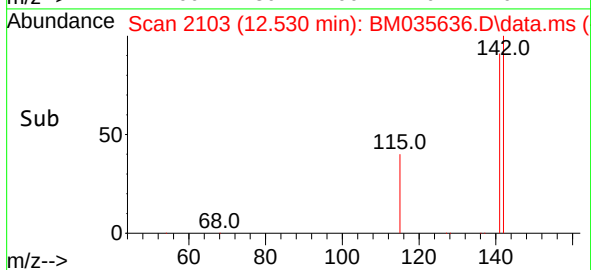
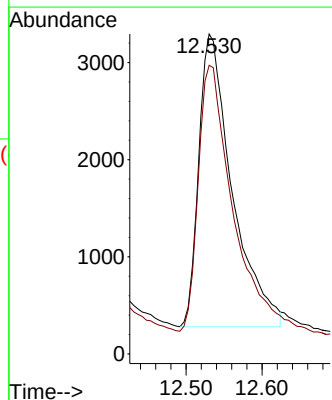
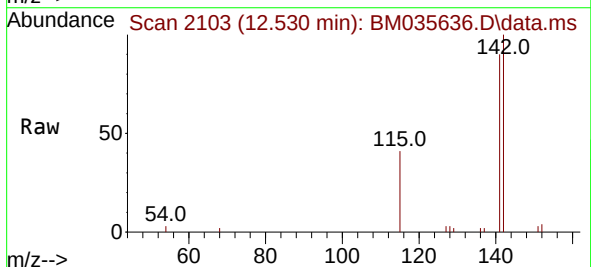
Instrument :
BNA_M
ClientSampleId :

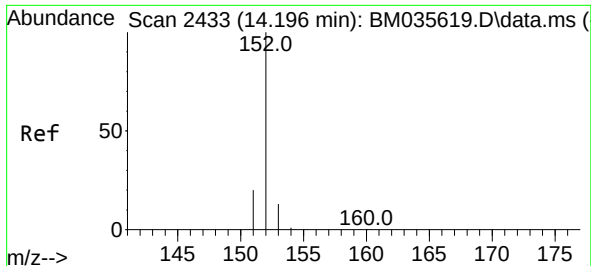
Tgt Ion:142 Resp: 8510
Ion Ratio Lower Upper
142 100
141 97.7 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Tgt Ion:142 Resp: 9203
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8

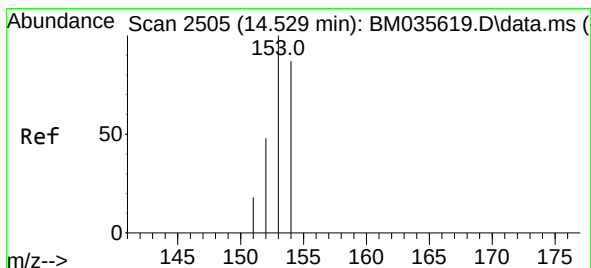
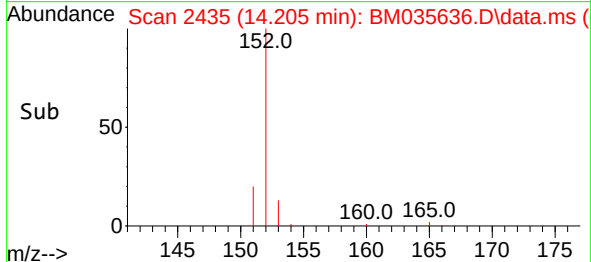
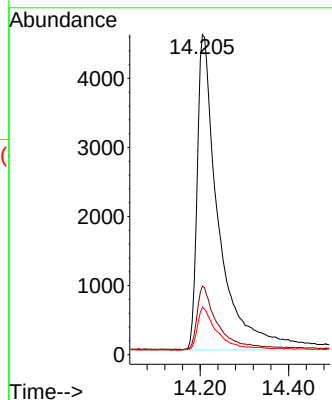
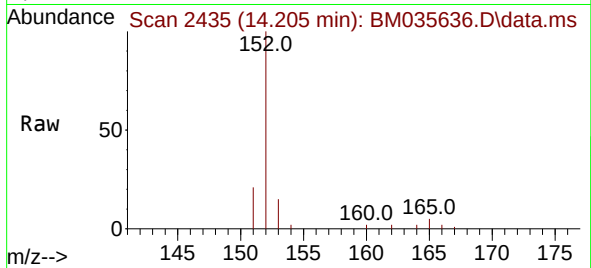




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.205 min Scan# 2433
Delta R.T. 0.004 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

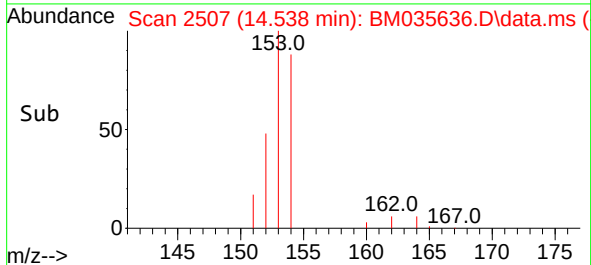
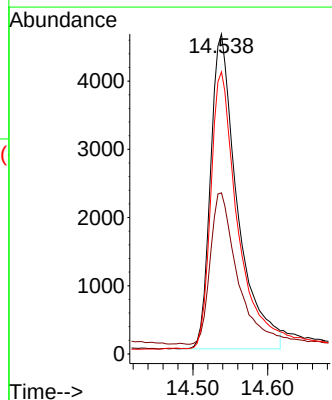
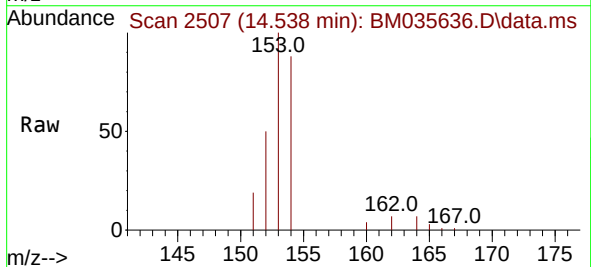
Instrument :
BNA_M
ClientSampleId :

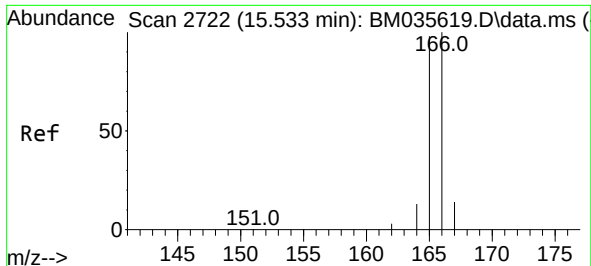
Tgt Ion:152 Resp: 14995
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 14.8 11.1 16.7



#11
Acenaphthene
Concen: 0.423 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

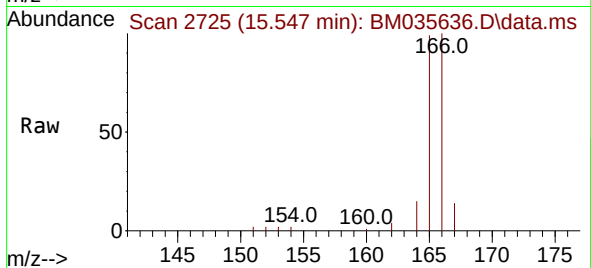
Tgt Ion:153 Resp: 11555
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 88.1 69.1 103.7



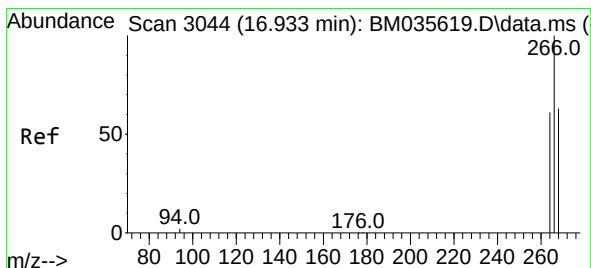
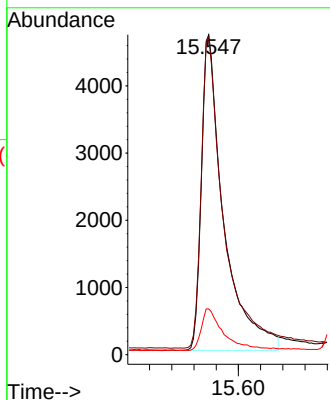
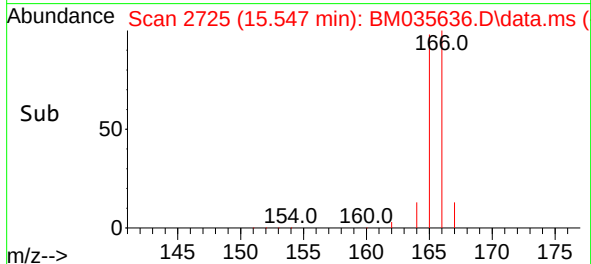


#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

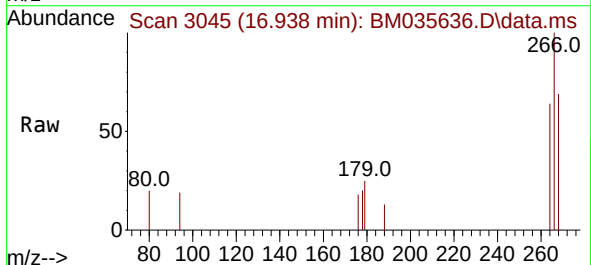
Instrument :
BNA_M
ClientSampleId :



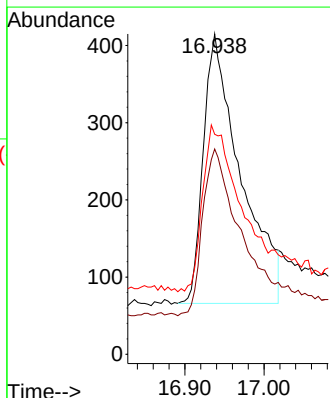
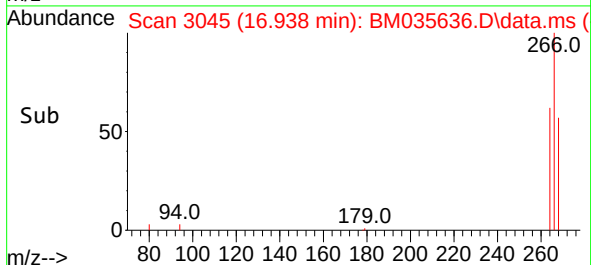
Tgt Ion:166 Resp: 13070
Ion Ratio Lower Upper
166 100
165 99.2 78.7 118.1
167 14.3 11.6 17.4

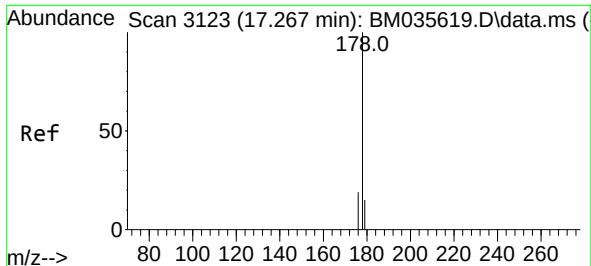


#14
Pentachlorophenol
Concen: 0.368 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. 0.008 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42



Tgt Ion:266 Resp: 1139
Ion Ratio Lower Upper
266 100
264 62.9 51.0 76.4
268 66.6 51.7 77.5

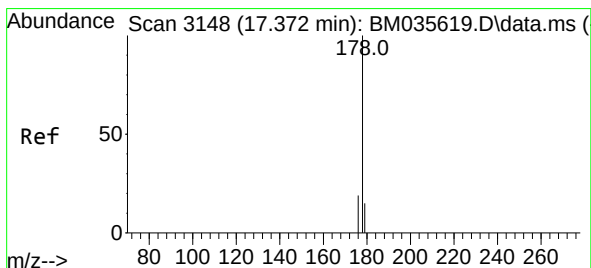
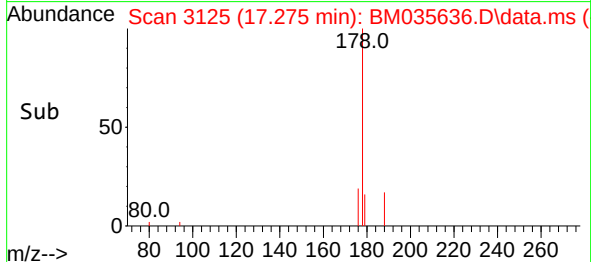
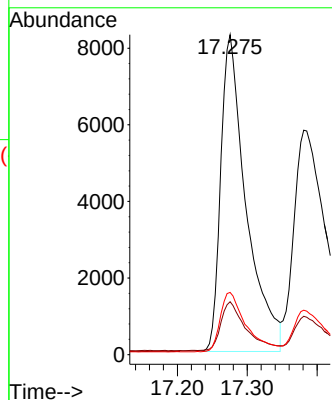
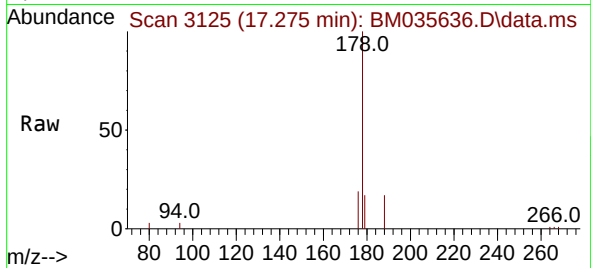




#15
Phenanthrene
Concen: 0.353 ng/u1
RT: 17.275 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

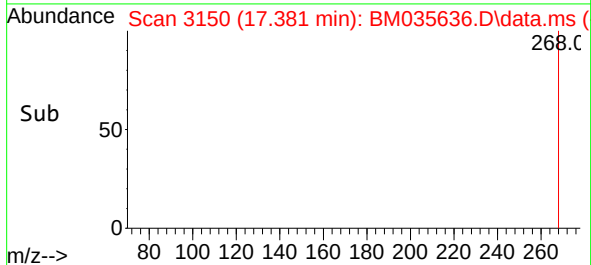
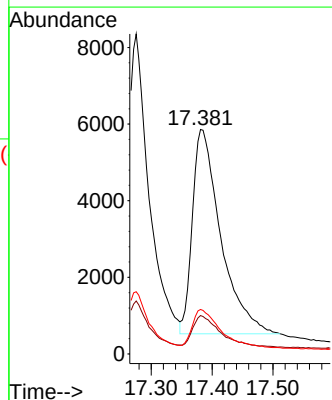
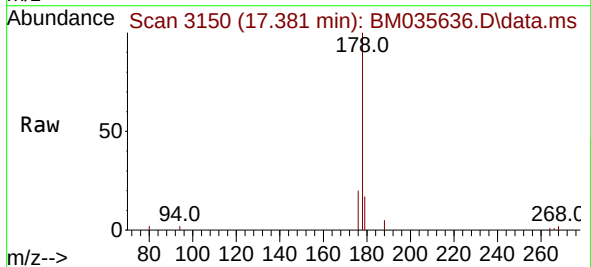
Instrument :
BNA_M
ClientSampleId :

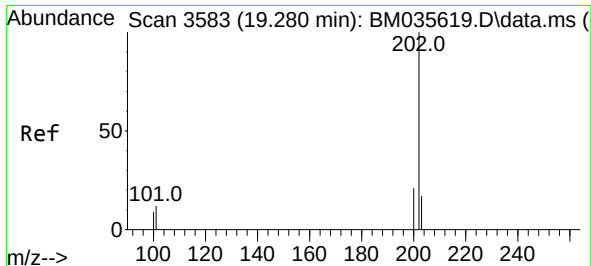
Tgt Ion:178 Resp: 20881
Ion Ratio Lower Upper
178 100
179 16.6 13.2 19.8
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.381 min Scan# 3150
Delta R.T. 0.008 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

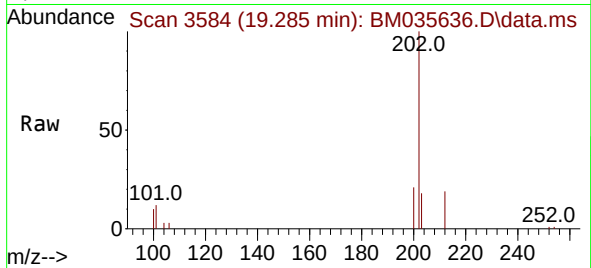
Tgt Ion:178 Resp: 17284
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 19.8 15.9 23.9



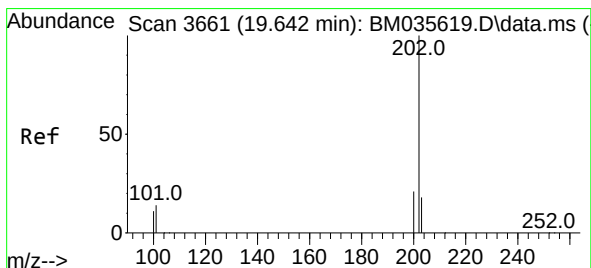
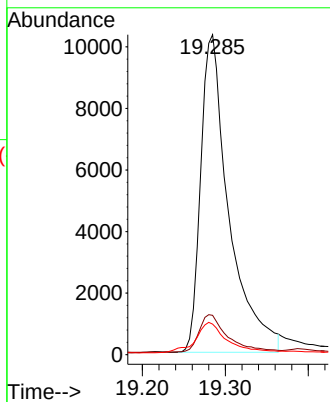
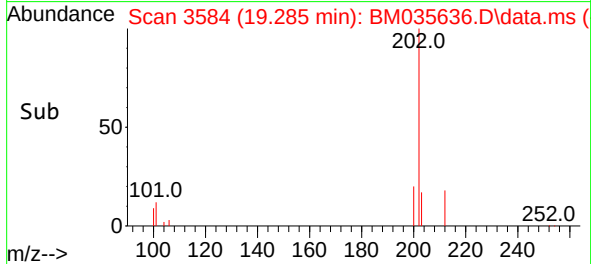


#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.285 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

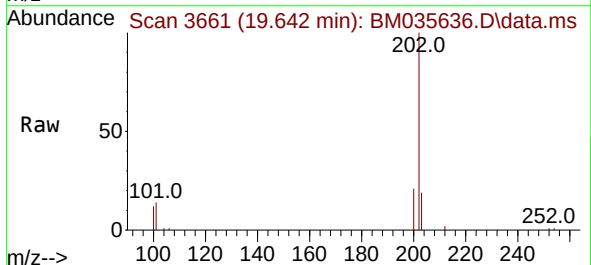
Instrument :
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ClientSampleId :



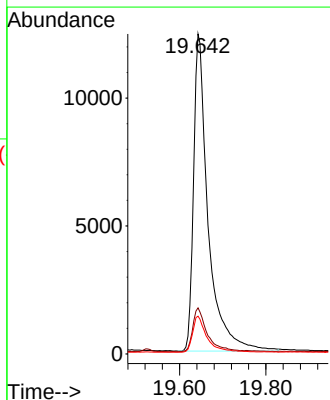
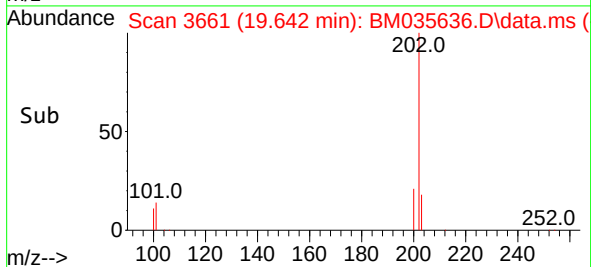
Tgt Ion:202 Resp: 24432
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 9.5 7.5 11.3

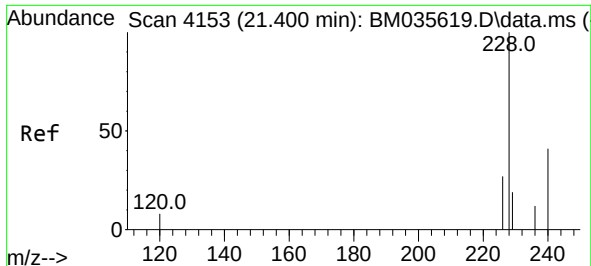


#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42



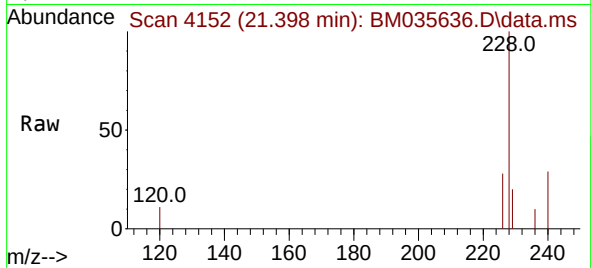
Tgt Ion:202 Resp: 28907
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.8 9.3 13.9



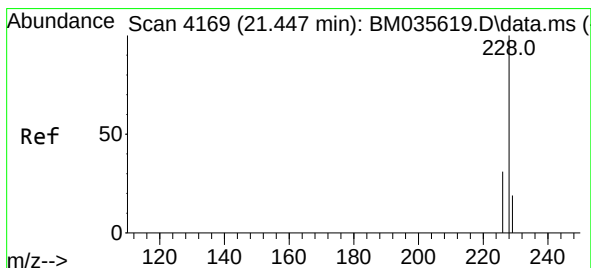
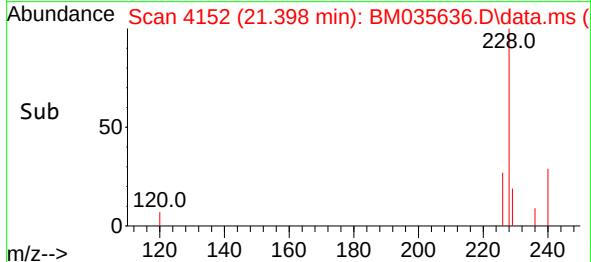
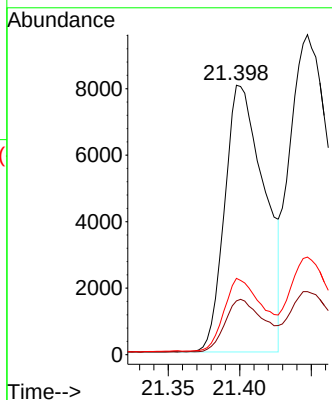


#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.398 min Scan# 4153
Delta R.T. -0.002 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Instrument :
BNA_M
ClientSampleId :

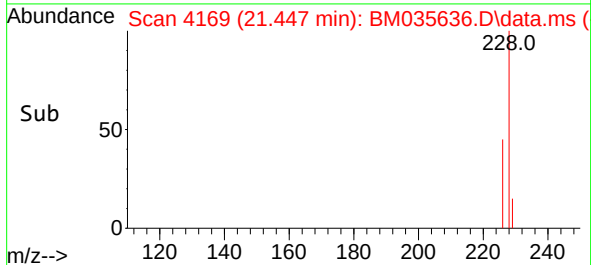
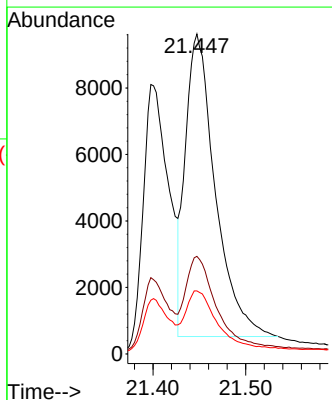
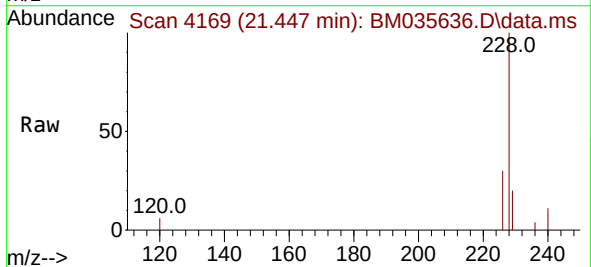


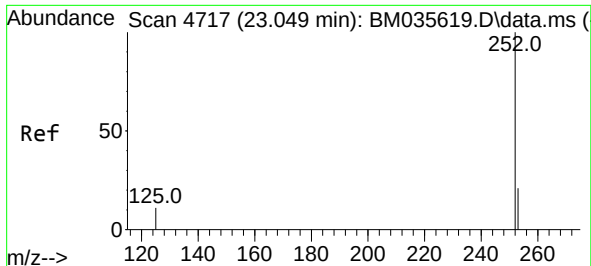
Tgt Ion:228 Resp: 15504
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Tgt Ion:228 Resp: 20312
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.7 15.8 23.8

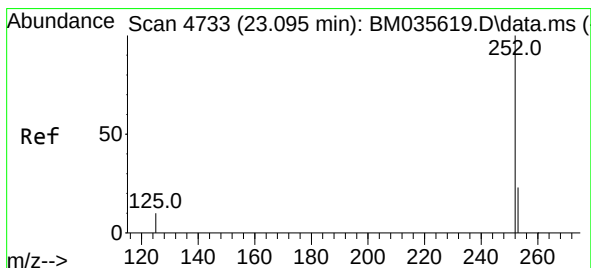
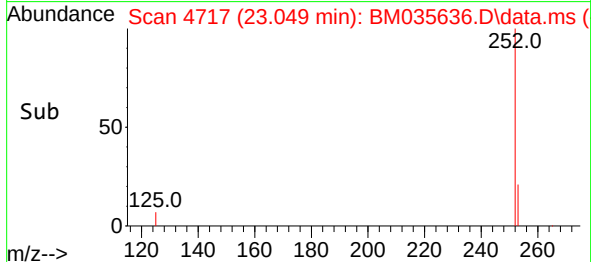
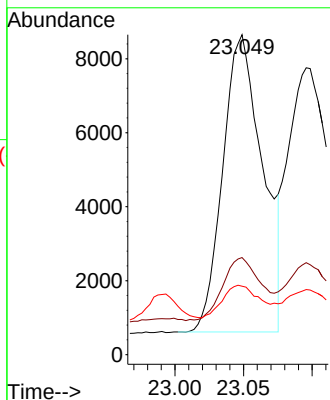
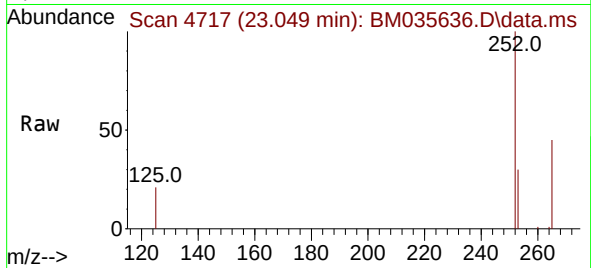




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.002 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

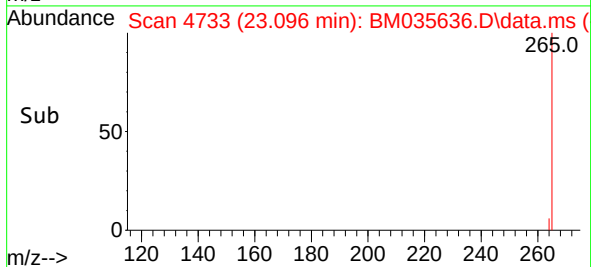
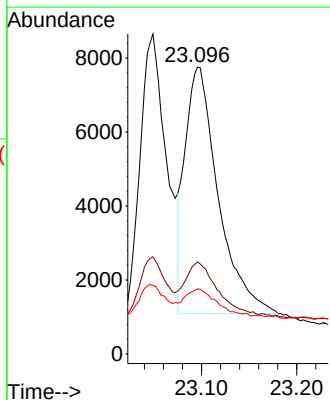
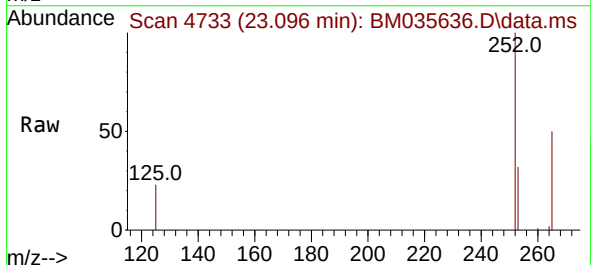
Instrument :
BNA_M
ClientSampleId :

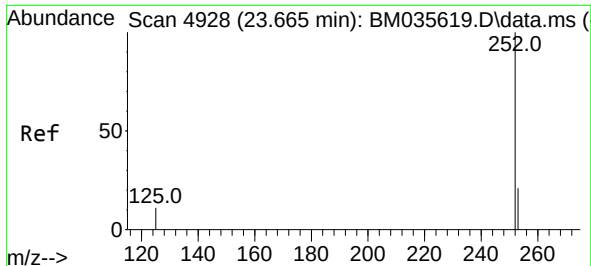
Tgt Ion:252 Resp: 16237
Ion Ratio Lower Upper
252 100
253 30.4 0.0 60.6
125 21.4 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. -0.002 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

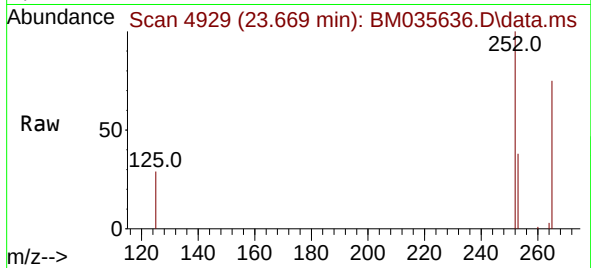
Tgt Ion:252 Resp: 16175
Ion Ratio Lower Upper
252 100
253 32.1 24.7 37.1
125 22.7 18.2 27.4



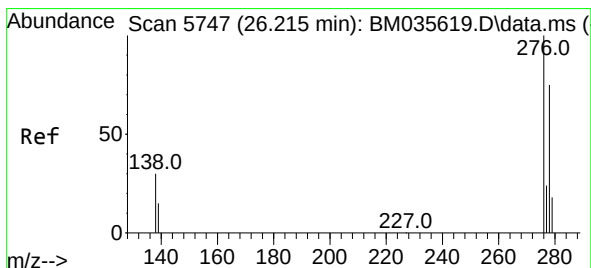
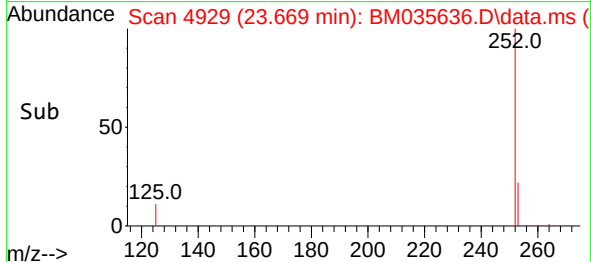
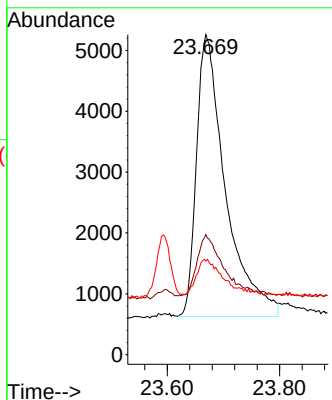


#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.669 min Scan# 4928
Delta R.T. 0.001 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Instrument :
BNA_M
ClientSampleId :

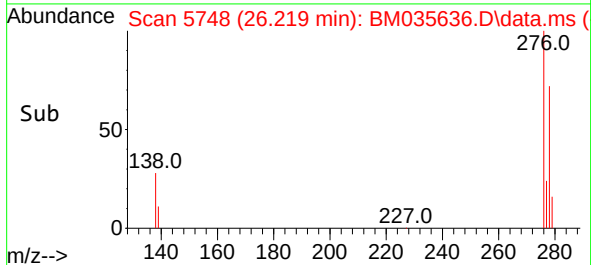
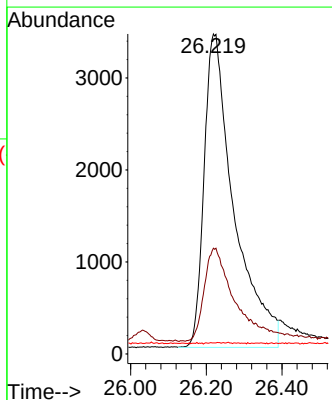
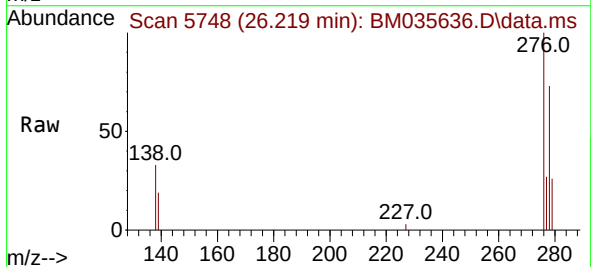


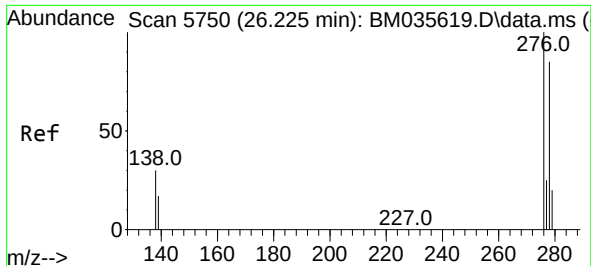
Tgt Ion:252 Resp: 16584
Ion Ratio Lower Upper
252 100
253 37.6 27.8 41.6
125 29.3 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 26.219 min Scan# 5748
Delta R.T. 0.008 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Tgt Ion:276 Resp: 18649
Ion Ratio Lower Upper
276 100
138 30.4 24.8 37.2
227 0.0 0.1 0.1#

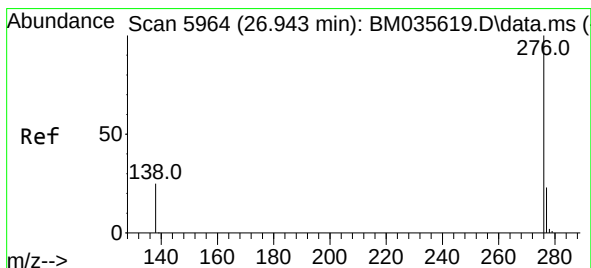
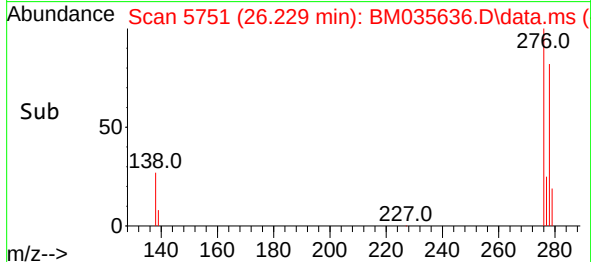
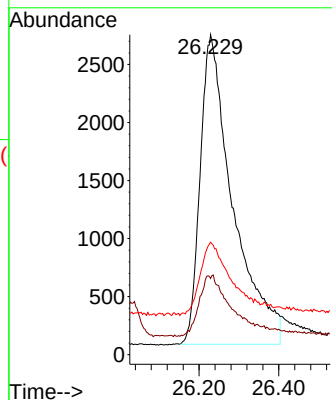
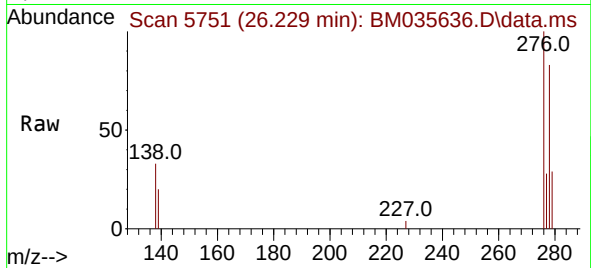




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.229 min Scan# 51
Delta R.T. 0.008 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 15150
Ion Ratio Lower Upper
278 100
139 23.8 19.1 28.7
279 35.1 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.947 min Scan# 5965
Delta R.T. 0.001 min
Lab File: BM035636.D
Acq: 23 Jun 2022 21:42

Tgt Ion:276 Resp: 17006
Ion Ratio Lower Upper
276 100
138 28.9 23.1 34.7
277 26.9 20.3 30.5

