

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046650.D
 Acq On : 17 Jul 2024 01:38
 Operator : MA/JU
 Sample : PB162023BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS023

Quant Time: Jul 17 02:34:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

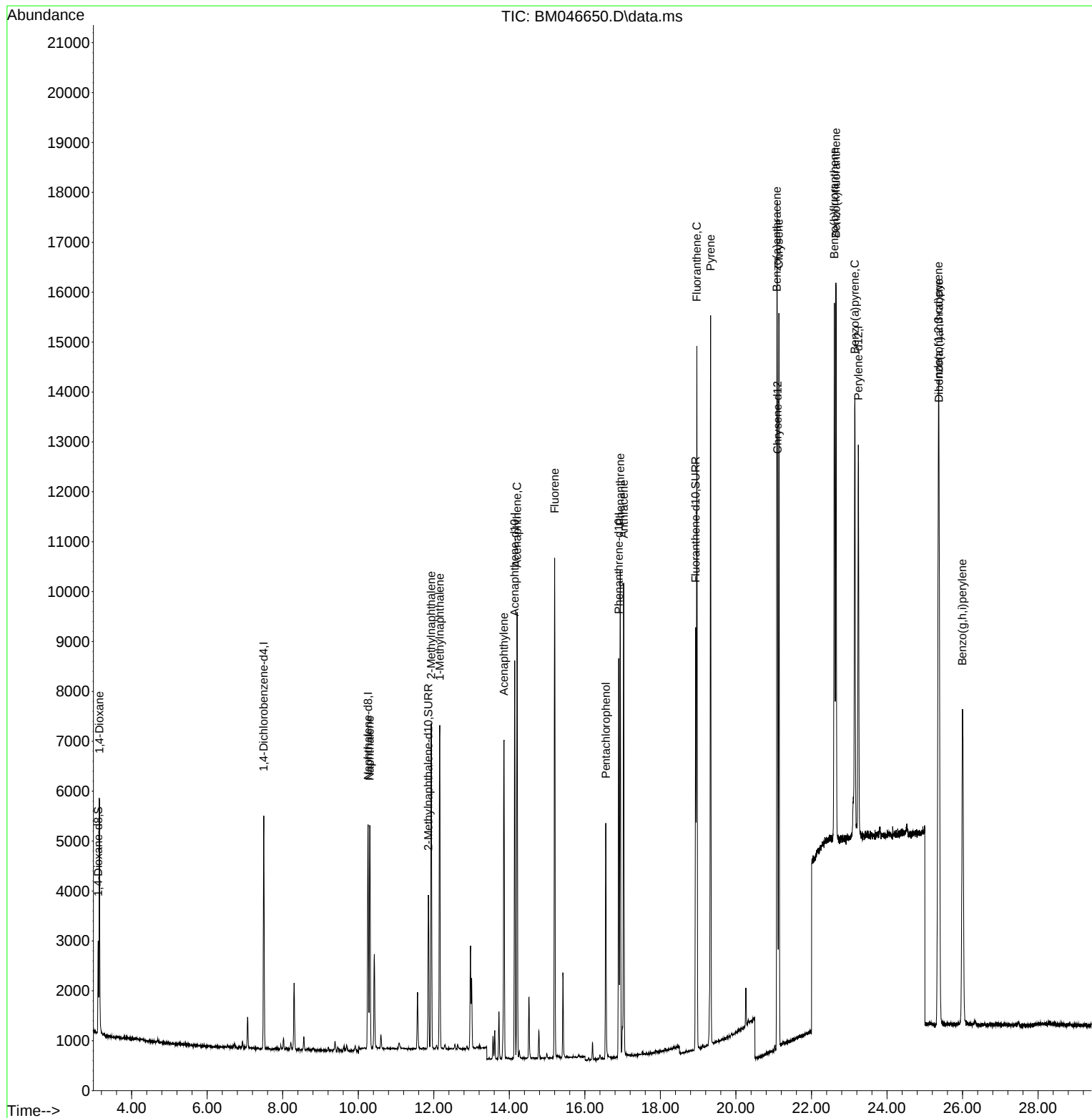
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	2355	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.260	136	6240	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.141	164	4254	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	9592	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	7865	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	9240	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1113	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	4096	0.407	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	9990	0.417	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.143	88	2998	1.452	ng/ul#	73
5) Naphthalene	10.304	128	6113	0.385	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	4388	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.157	142	4368	0.384	ng/ul	99
10) Acenaphthylene	13.859	152	7251	0.374	ng/ul	98
11) Acenaphthene	14.206	153	5071	0.391	ng/ul	97
12) Fluorene	15.201	166	6086	0.379	ng/ul	95
14) Pentachlorophenol	16.554	266	3022	0.622	ng/ul	98
15) Phenanthrene	16.934	178	10125	0.370	ng/ul	99
16) Anthracene	17.027	178	9831	0.368	ng/ul	99
19) Fluoranthene	18.965	202	12532	0.388	ng/ul	98
20) Pyrene	19.327	202	13159	0.376	ng/ul	98
21) Benzo(a)anthracene	21.084	228	12633	0.363	ng/ul	99
22) Chrysene	21.137	228	12061	0.358	ng/ul	99
24) Benzo(b)fluoranthene	22.607	252	13461	0.365	ng/ul	98
25) Benzo(k)fluoranthene	22.648	252	13333	0.368	ng/ul	99
26) Benzo(a)pyrene	23.148	252	12106	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.360	276	16851	0.365	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	13135	0.359	ng/ul	99
29) Benzo(g,h,i)perylene	25.997	276	13102	0.355	ng/ul	99

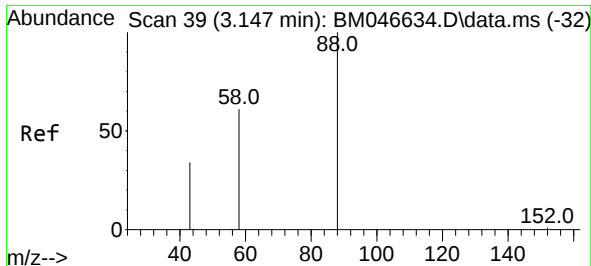
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 02:34:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

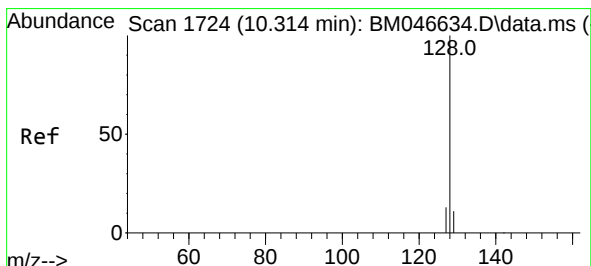
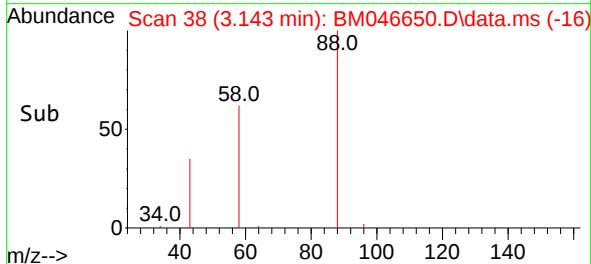
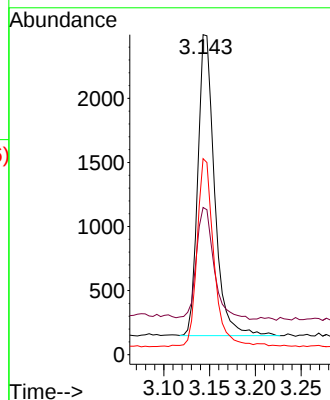
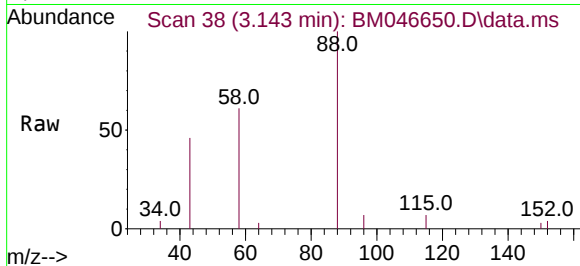




#2
1,4-Dioxane
Concen: 1.452 ng/ul
RT: 3.143 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

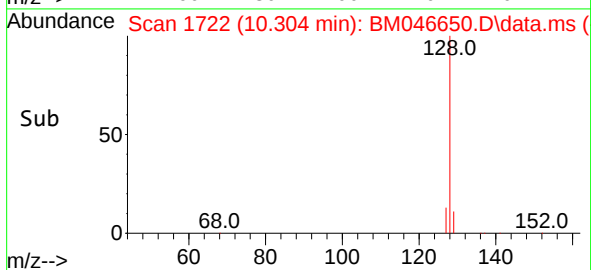
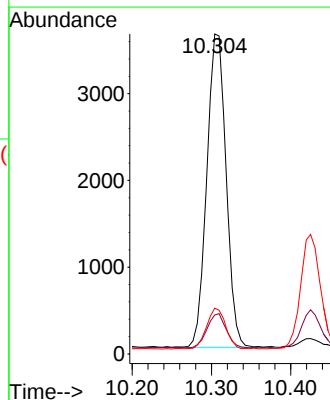
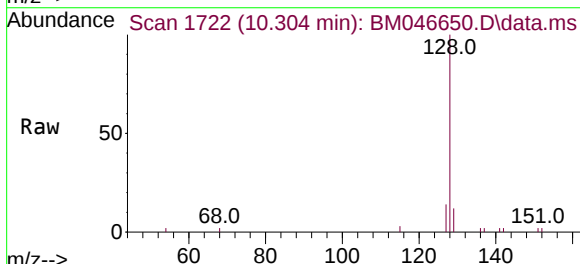
Instrument :
BNA_M
ClientSampleId :
SLCS023

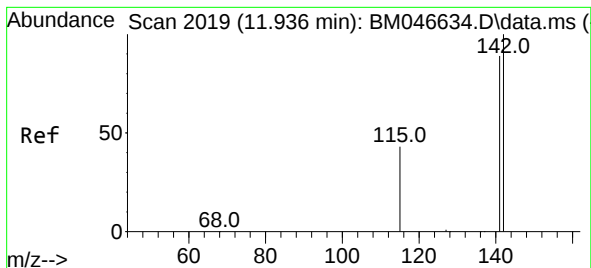
Tgt Ion: 88 Resp: 2998
Ion Ratio Lower Upper
88 100
43 46.0 70.2 105.4#
58 61.2 48.2 72.4



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion: 128 Resp: 6113
Ion Ratio Lower Upper
128 100
129 12.2 10.3 15.5
127 14.3 12.2 18.4

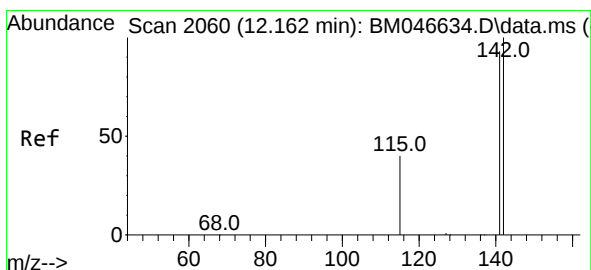
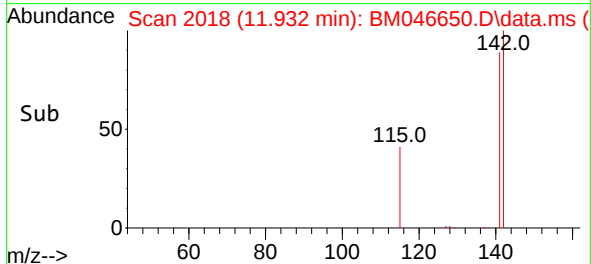
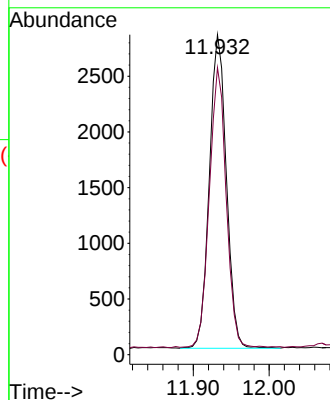
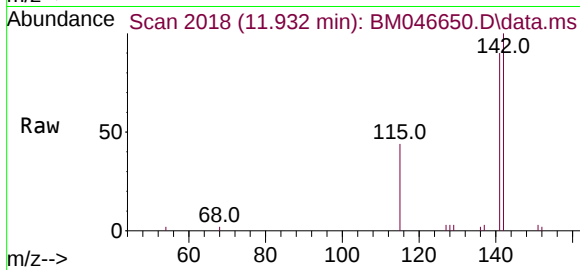




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

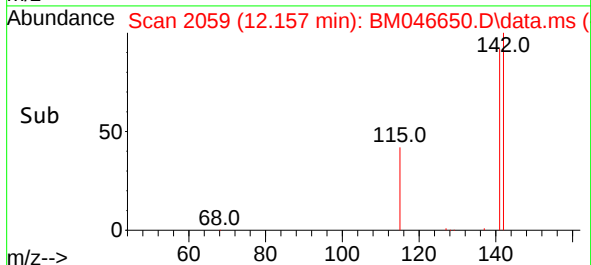
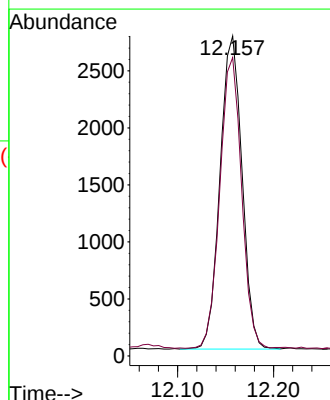
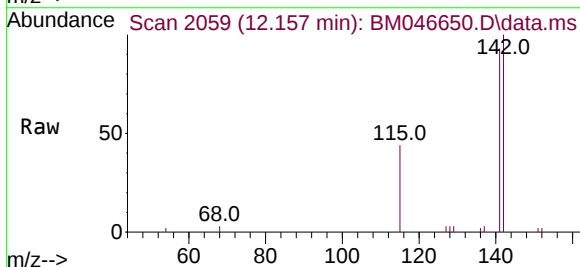
Instrument :
BNA_M
ClientSampleId :
SLCS023

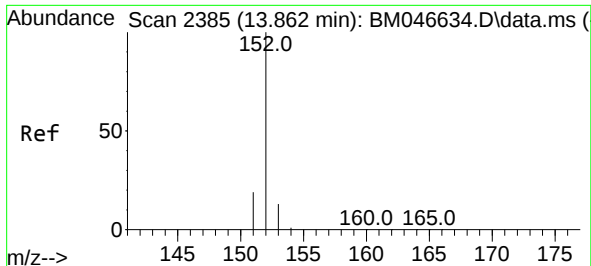
Tgt Ion:142 Resp: 4388
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:142 Resp: 4368
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

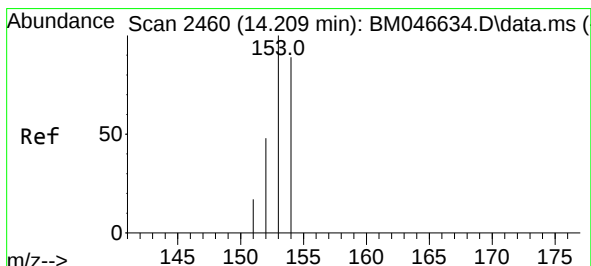
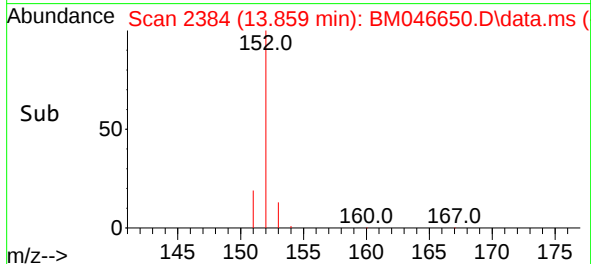
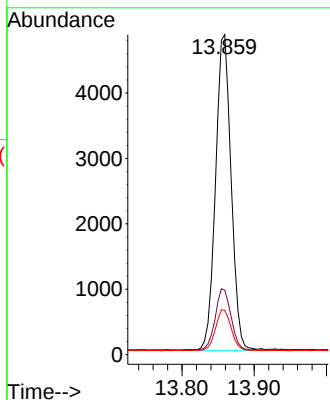
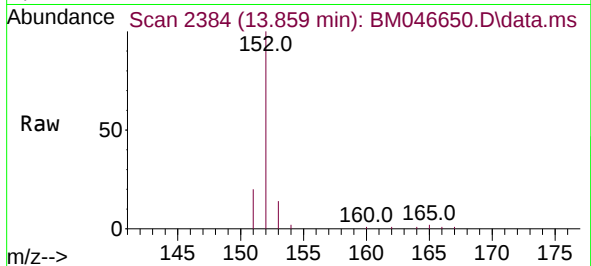




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 13.859 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

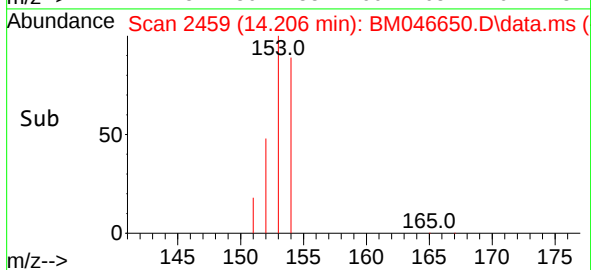
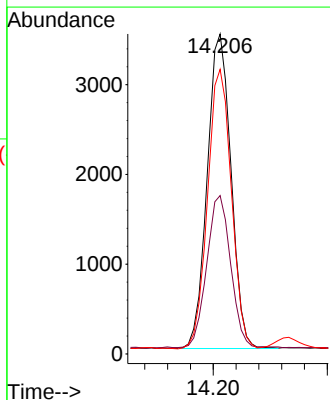
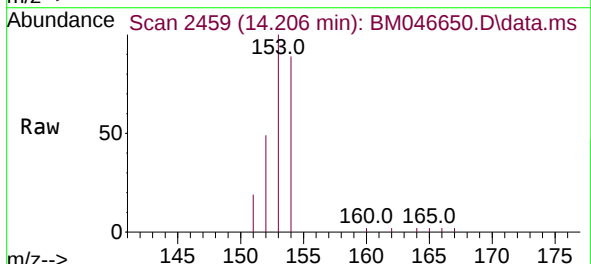
Instrument :
BNA_M
ClientSampleId :
SLCS023

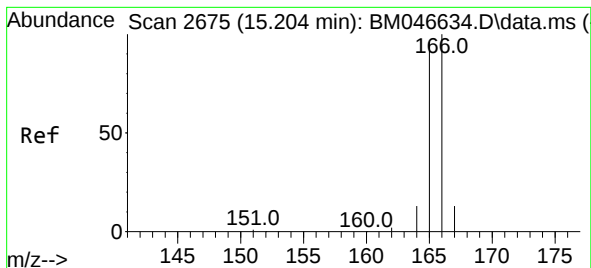
Tgt Ion:	152	Resp:	7251
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.8	12.4	18.6



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:	153	Resp:	5071
Ion	Ratio	Lower	Upper
153	100		
152	49.5	43.0	64.6
154	88.9	69.9	104.9





#12

Fluorene

Concen: 0.379 ng/ul

RT: 15.201 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM046650.D

Acq: 17 Jul 2024 01:38

Instrument :

BNA_M

ClientSampleId :

SLCS023

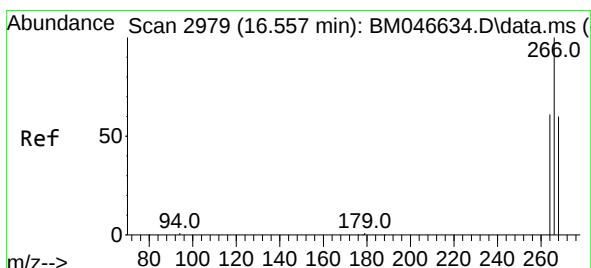
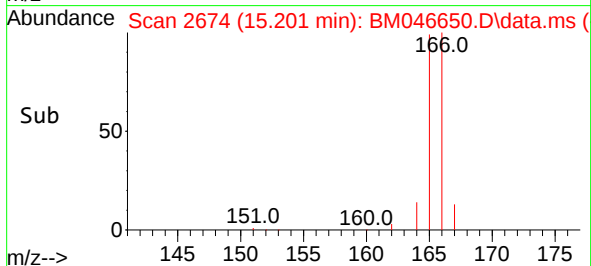
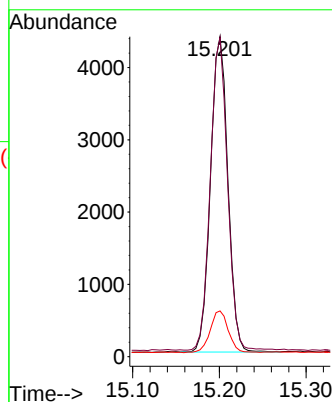
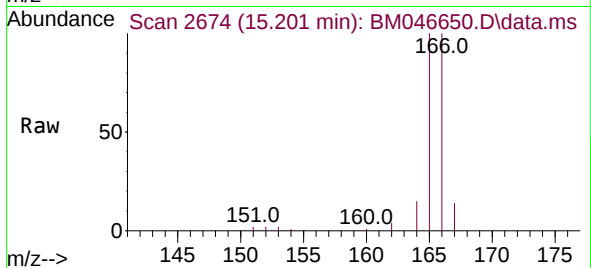
Tgt Ion:166 Resp: 6086

Ion Ratio Lower Upper

166 100

165 99.7 76.1 114.1

167 14.3 12.5 18.7



#14

Pentachlorophenol

Concen: 0.622 ng/ul

RT: 16.554 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BM046650.D

Acq: 17 Jul 2024 01:38

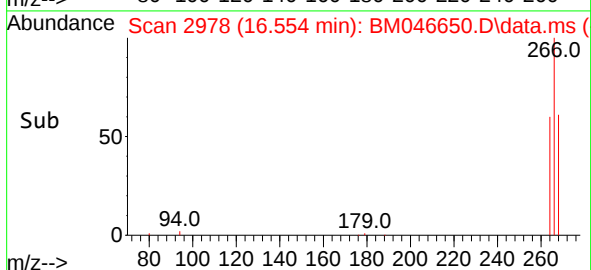
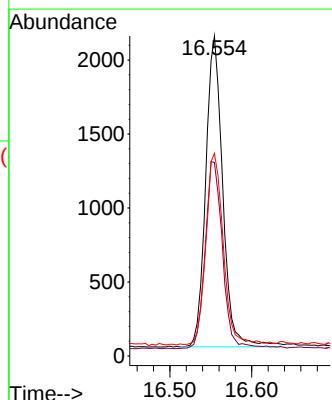
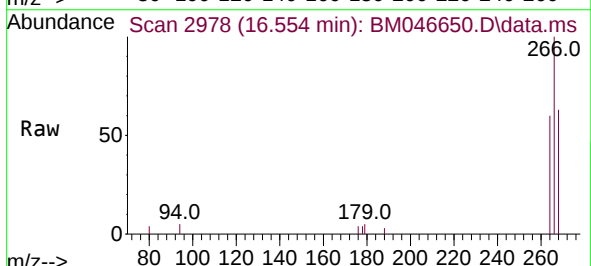
Tgt Ion:266 Resp: 3022

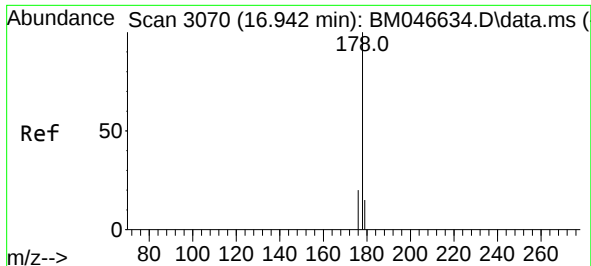
Ion Ratio Lower Upper

266 100

264 61.6 50.1 75.1

268 63.3 52.5 78.7

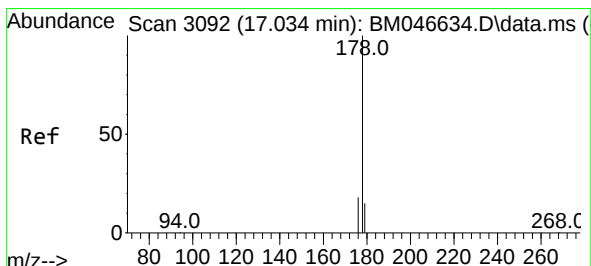
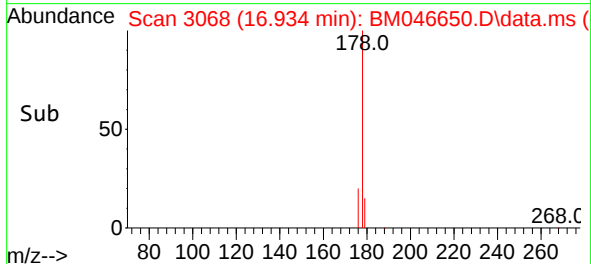
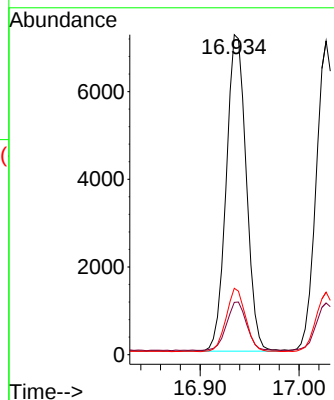
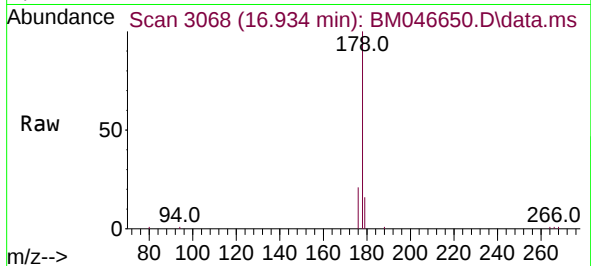




#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

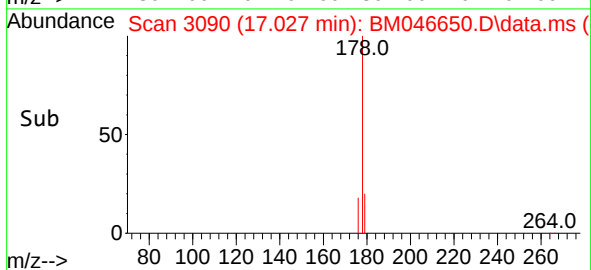
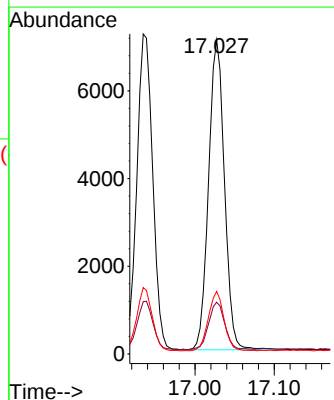
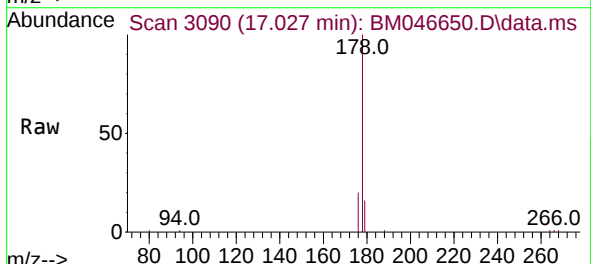
Instrument :
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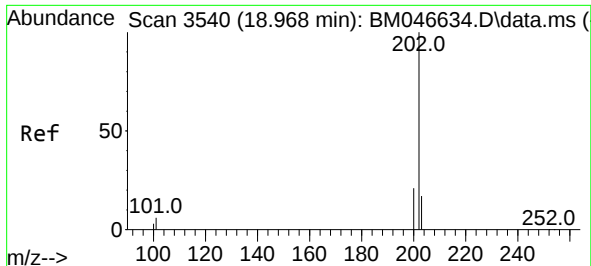
Tgt Ion:178 Resp: 10125
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 20.7 16.0 24.0



#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:178 Resp: 9831
Ion Ratio Lower Upper
178 100
179 16.5 13.5 20.3
176 19.9 15.7 23.5

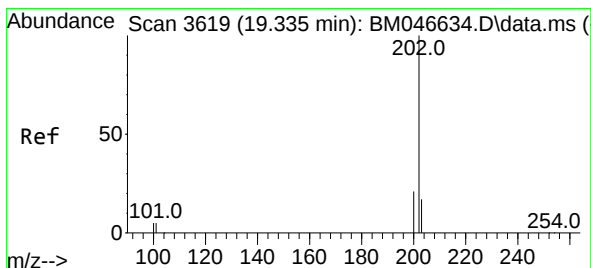
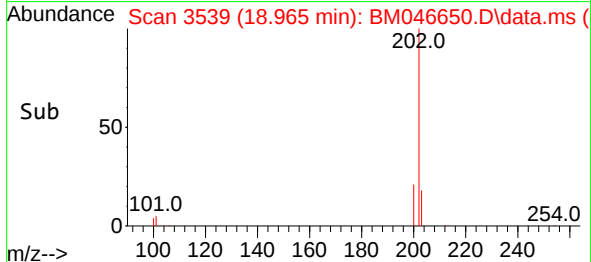
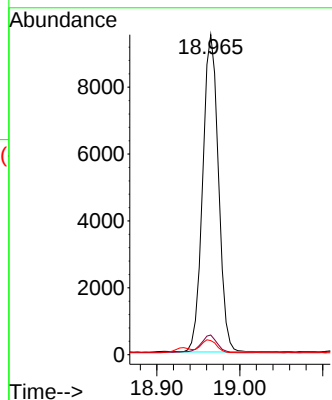
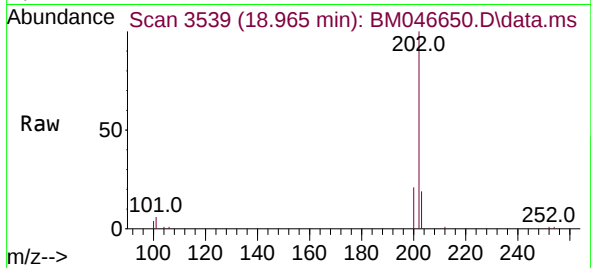




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

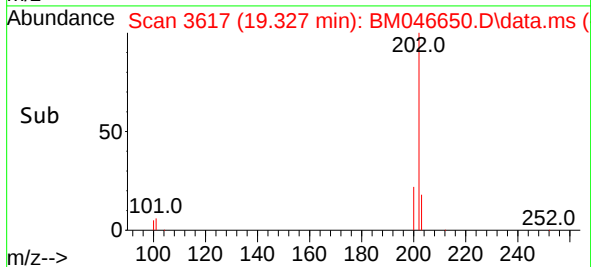
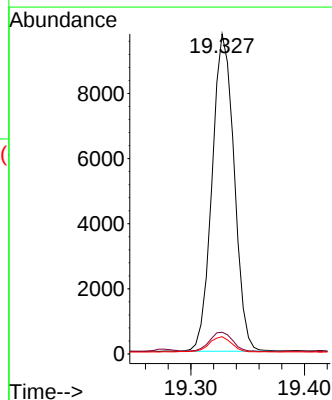
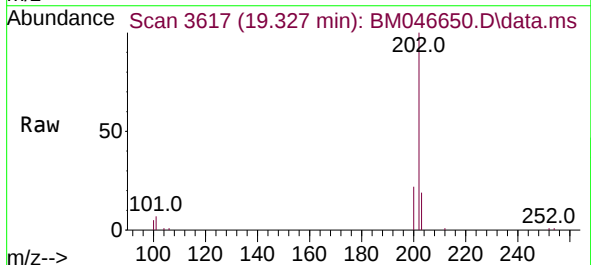
Instrument :
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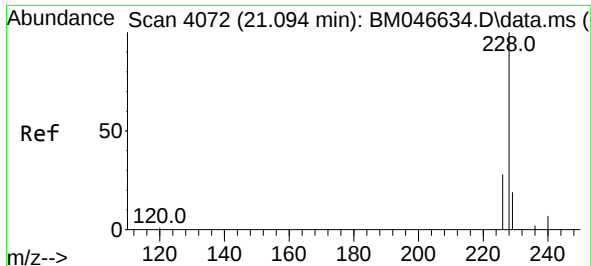
Tgt Ion:202 Resp: 12532
Ion Ratio Lower Upper
202 100
101 6.2 4.6 6.8
100 4.4 3.0 4.6



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

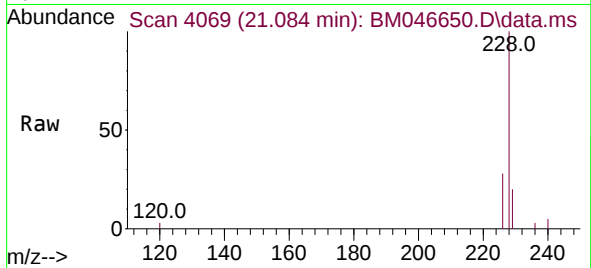
Tgt Ion:202 Resp: 13159
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.4 3.8 5.6



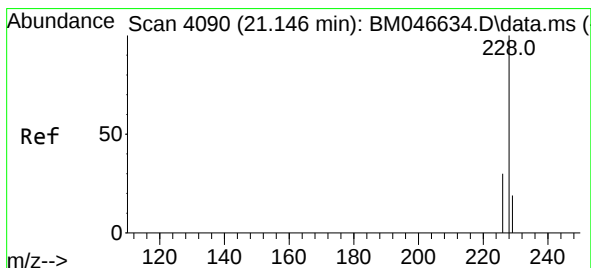
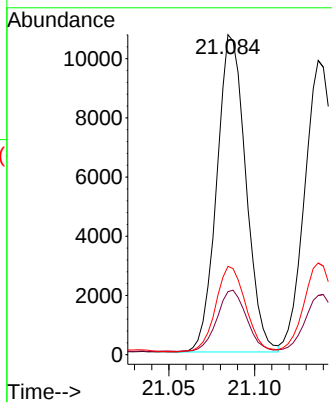
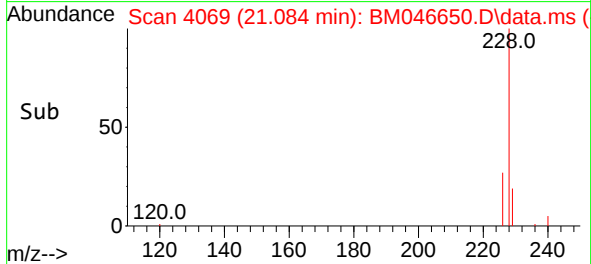


#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Instrument :
BNA_M
ClientSampleId :
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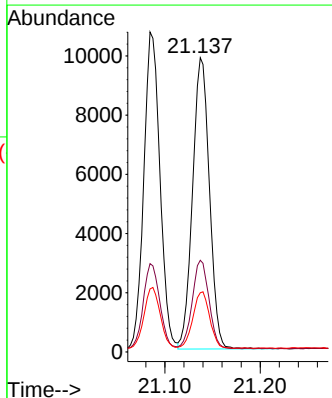
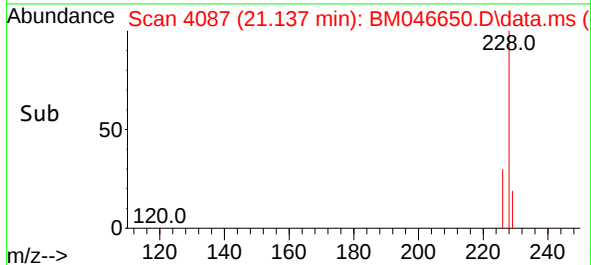
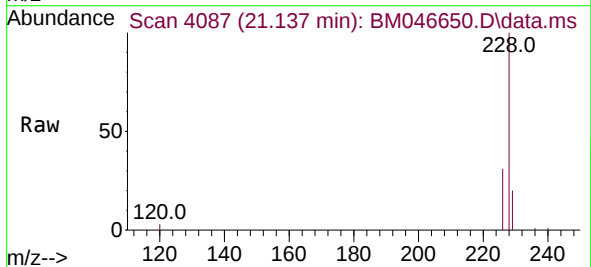


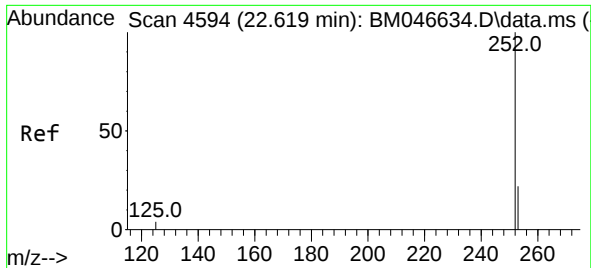
Tgt Ion:228 Resp: 12633
Ion Ratio Lower Upper
228 100
229 19.7 16.5 24.7
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:228 Resp: 12061
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 20.1 16.4 24.6

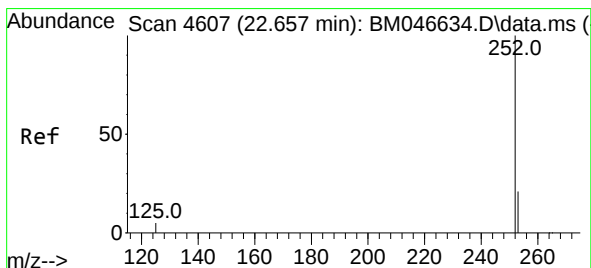
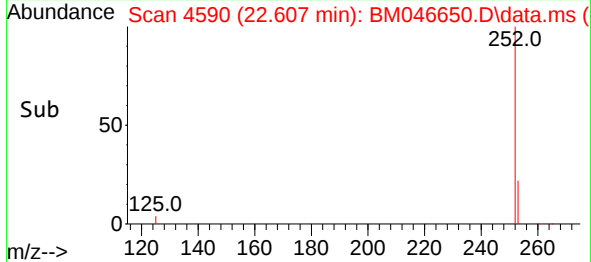
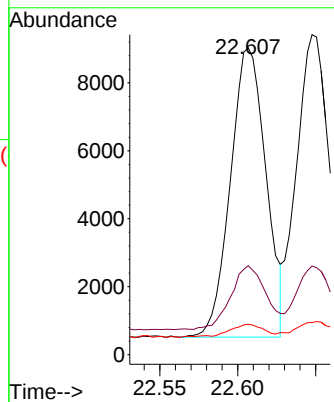
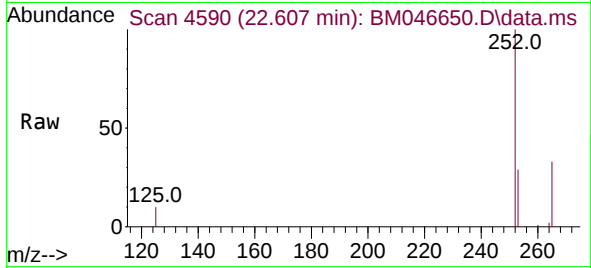




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

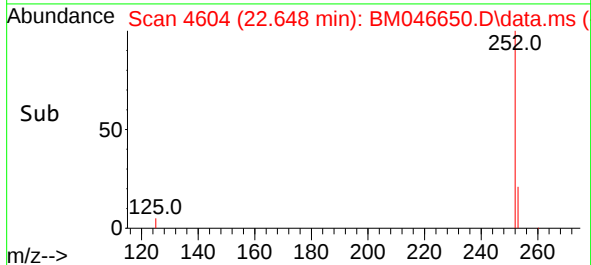
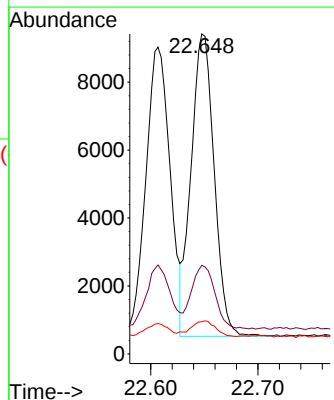
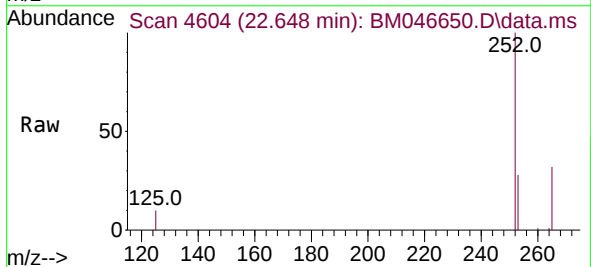
Instrument :
BNA_M
ClientSampleId :
SLCS023

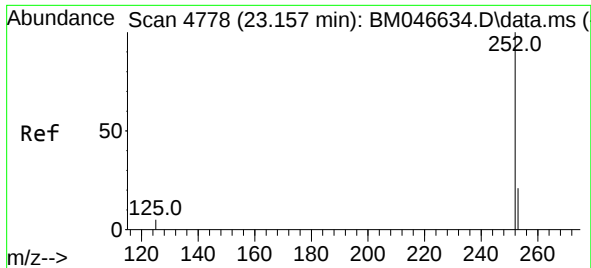
Tgt Ion:252 Resp: 13461
Ion Ratio Lower Upper
252 100
253 29.0 0.0 56.2
125 9.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:252 Resp: 13333
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 10.1 7.0 10.4

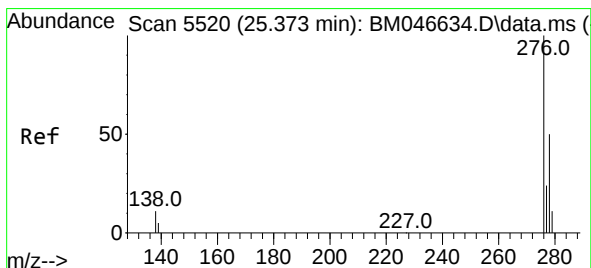
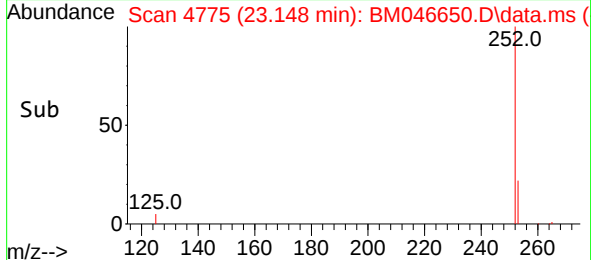
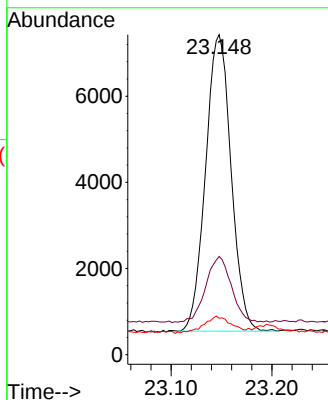
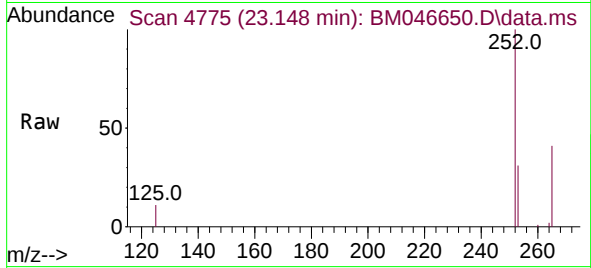




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.148 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

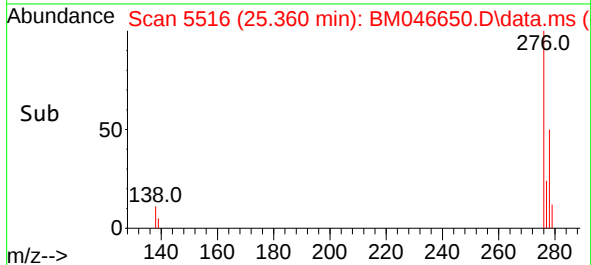
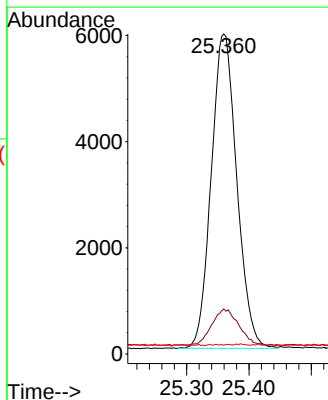
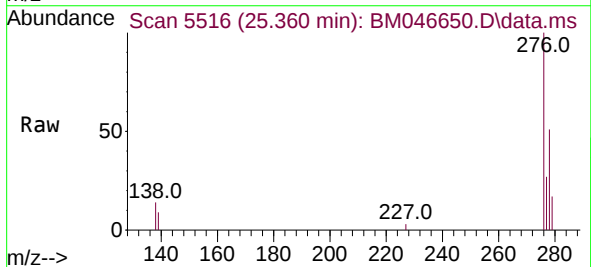
Instrument :
BNA_M
ClientSampleId :
SLCS023

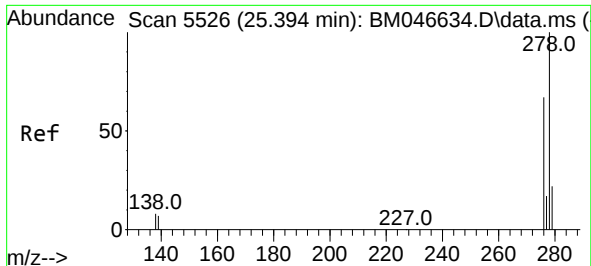
Tgt Ion:252 Resp: 12106
Ion Ratio Lower Upper
252 100
253 30.7 24.0 36.0
125 11.4 8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. -0.000 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:276 Resp: 16851
Ion Ratio Lower Upper
276 100
138 12.2 0.0 0.0#
227 0.1 0.2 0.2#

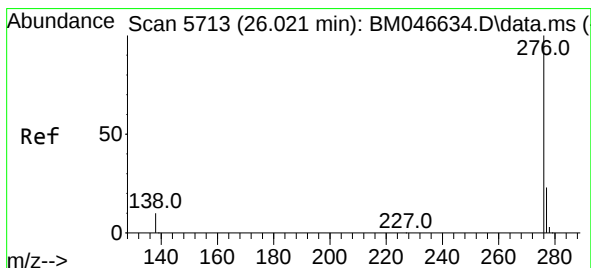
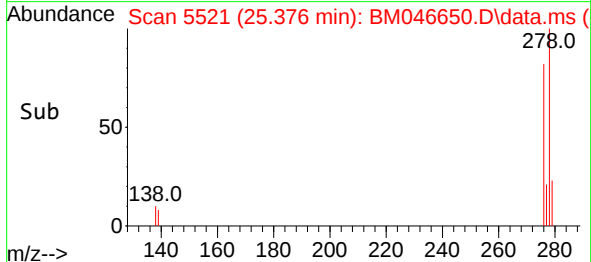
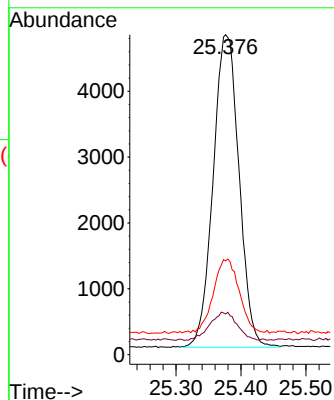
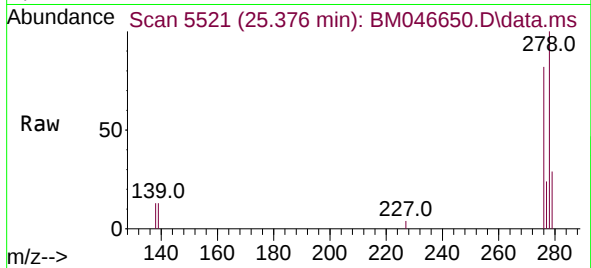




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.376 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Instrument :
BNA_M
ClientSampleId :
SLCS023

Tgt Ion:278 Resp: 13135
Ion Ratio Lower Upper
278 100
139 12.7 9.1 13.7
279 29.3 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 25.997 min Scan# 5706
Delta R.T. -0.007 min
Lab File: BM046650.D
Acq: 17 Jul 2024 01:38

Tgt Ion:276 Resp: 13102
Ion Ratio Lower Upper
276 100
138 13.6 10.2 15.4
277 25.8 20.9 31.3

