

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046663.D
 Acq On : 17 Jul 2024 10:11
 Operator : MA/JU
 Sample : PB161950BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS950

Quant Time: Jul 17 11:02:36 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)

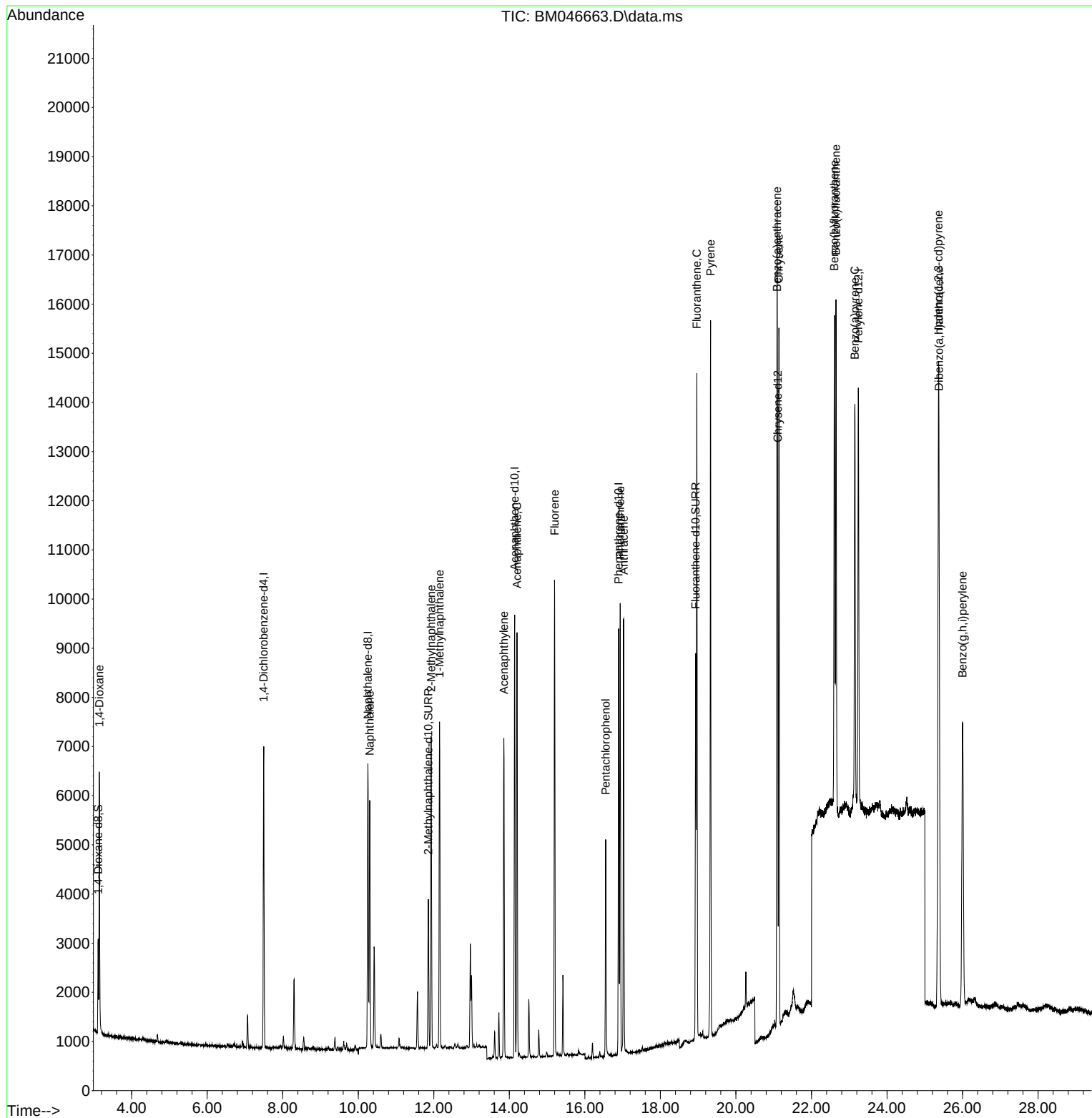
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	2939	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	7752	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	4893	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	10800	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	8846	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	10368	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1166	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	3940	0.315	ng/ul	-0.01
18) Fluoranthene-d10	18.933	212	9026	0.335	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.143	88	3288	1.276	ng/ul#	72
5) Naphthalene	10.304	128	6491	0.329	ng/ul	97
7) 2-Methylnaphthalene	11.932	142	4493	0.324	ng/ul	99
8) 1-Methylnaphthalene	12.152	142	4452	0.315	ng/ul	100
10) Acenaphthylene	13.855	152	7182	0.322	ng/ul	98
11) Acenaphthene	14.201	153	5001	0.335	ng/ul	97
12) Fluorene	15.196	166	5918	0.321	ng/ul	95
14) Pentachlorophenol	16.550	266	2880	0.526	ng/ul	98
15) Phenanthrene	16.934	178	9596	0.311	ng/ul	99
16) Anthracene	17.027	178	9384	0.312	ng/ul	99
19) Fluoranthene	18.965	202	11989	0.330	ng/ul	99
20) Pyrene	19.328	202	12718	0.323	ng/ul	99
21) Benzo(a)anthracene	21.087	228	12125	0.310	ng/ul	98
22) Chrysene	21.137	228	11435	0.302	ng/ul	97
24) Benzo(b)fluoranthene	22.607	252	12967	0.313	ng/ul	94
25) Benzo(k)fluoranthene	22.651	252	12393	0.305	ng/ul#	94
26) Benzo(a)pyrene	23.148	252	11781	0.346	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.363	276	15684	0.302	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	12177	0.297	ng/ul#	97
29) Benzo(g,h,i)perylene	26.000	276	12177	0.294	ng/ul	96

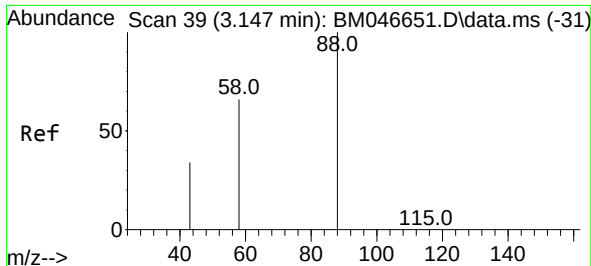
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 11:02:36 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

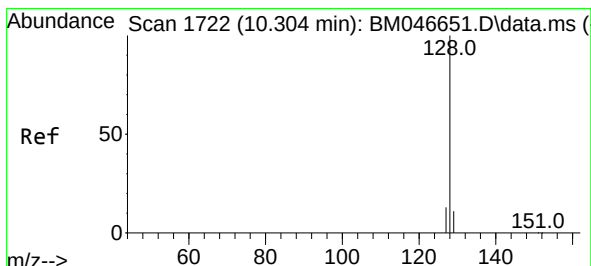
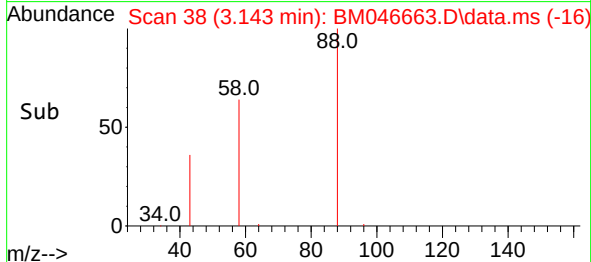
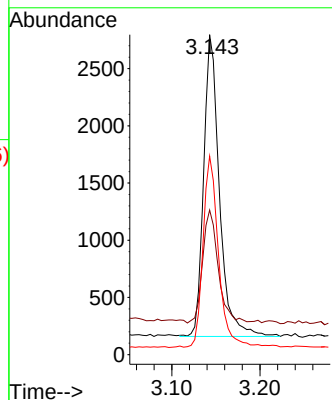
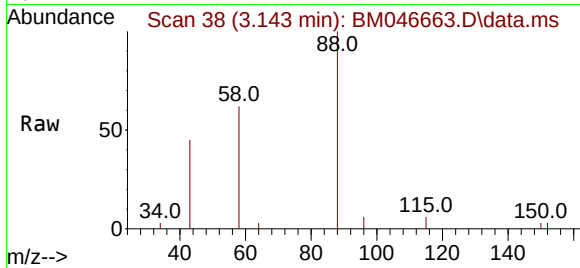




#2
1,4-Dioxane
Concen: 1.276 ng/ul
RT: 3.143 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

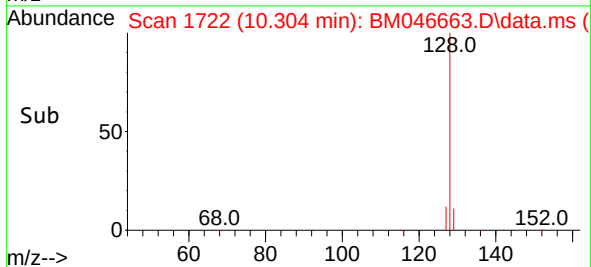
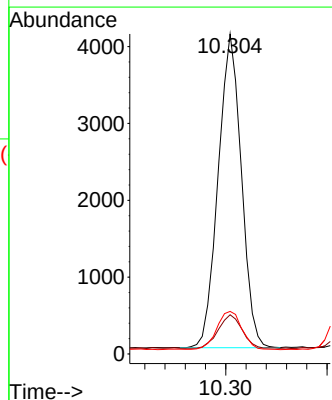
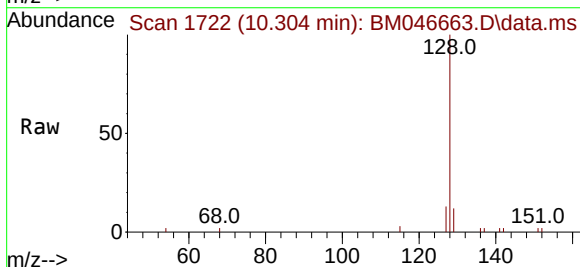
Instrument :
BNA_M
ClientSampleId :
SLCS950

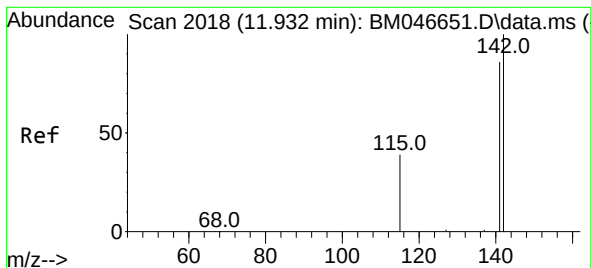
Tgt Ion: 88 Resp: 3288
Ion Ratio Lower Upper
88 100
43 45.2 70.2 105.4#
58 62.0 48.2 72.4



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Tgt Ion: 128 Resp: 6491
Ion Ratio Lower Upper
128 100
129 12.3 10.3 15.5
127 13.3 12.2 18.4

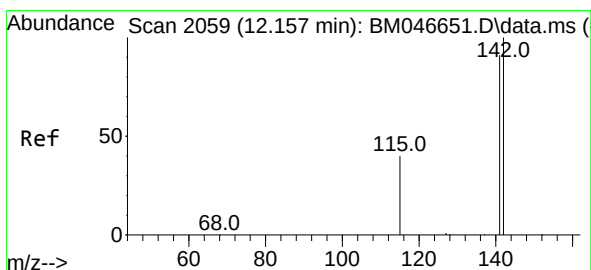
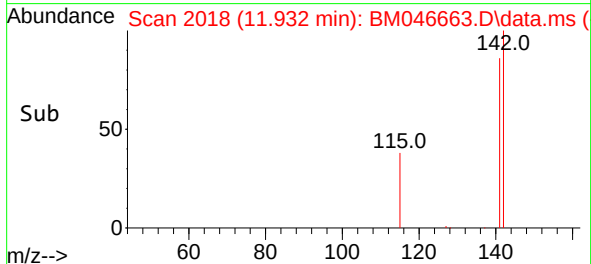
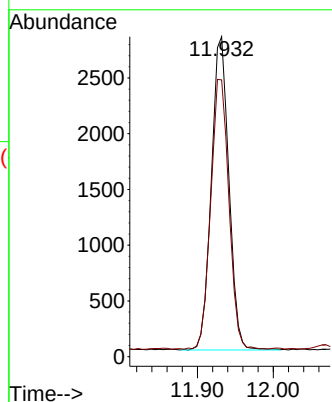
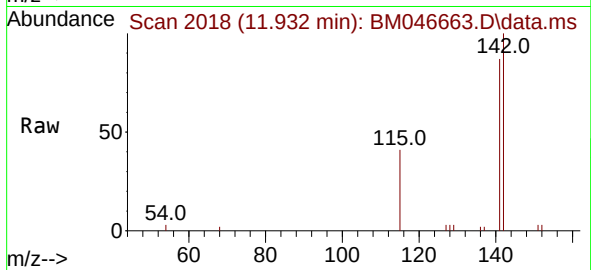




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

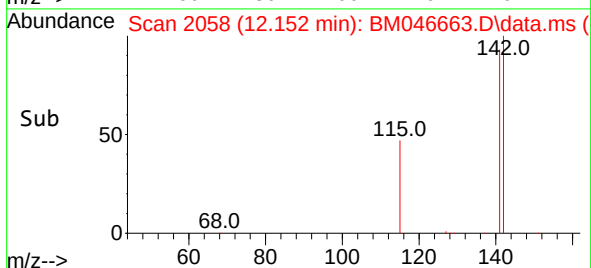
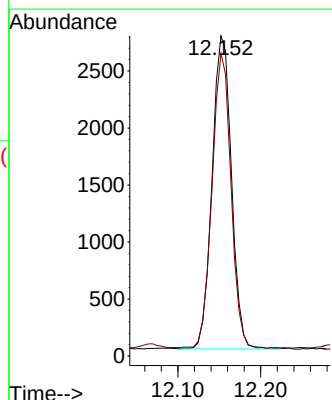
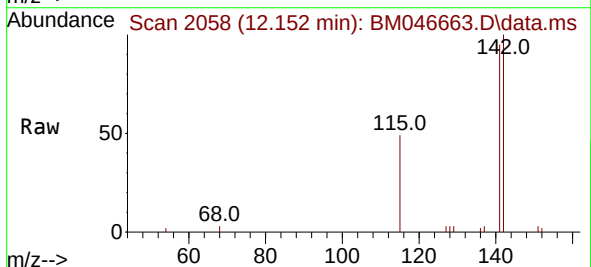
Instrument :
BNA_M
ClientSampleId :
SLCS950

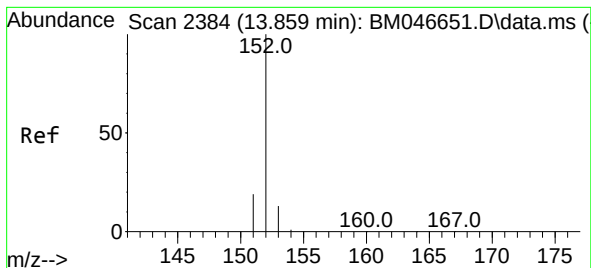
Tgt Ion:142 Resp: 4493
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Tgt Ion:142 Resp: 4452
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9





#10

Acenaphthylene

Concen: 0.322 ng/ul

RT: 13.855 min Scan# 21

Delta R.T. -0.010 min

Lab File: BM046663.D

Acq: 17 Jul 2024 10:11

Instrument :

BNA_M

ClientSampleId :

SLCS950

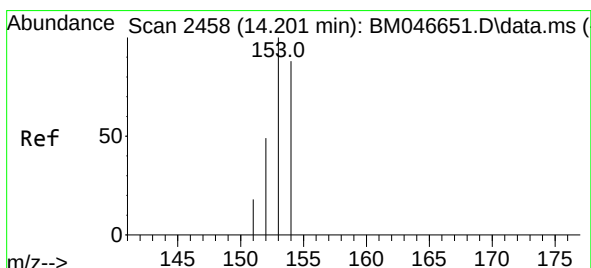
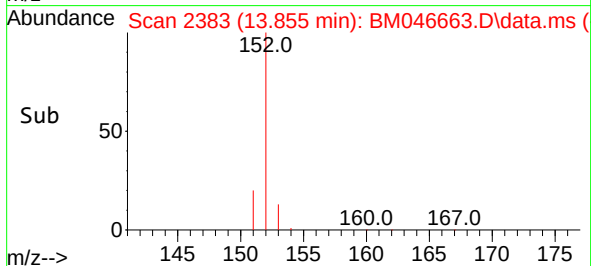
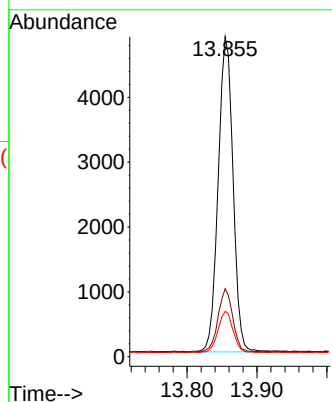
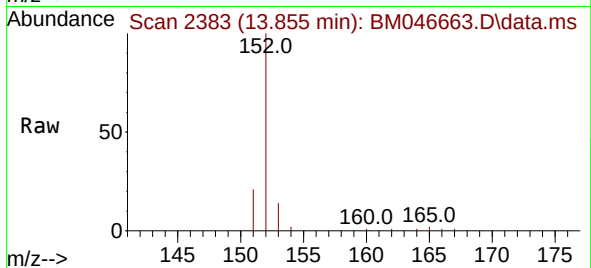
Tgt Ion:152 Resp: 7182

Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

153 14.1 12.4 18.6



#11

Acenaphthene

Concen: 0.335 ng/ul

RT: 14.201 min Scan# 2458

Delta R.T. -0.010 min

Lab File: BM046663.D

Acq: 17 Jul 2024 10:11

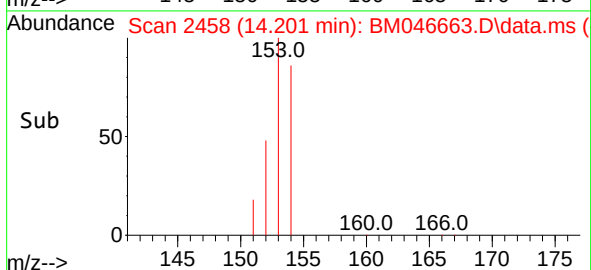
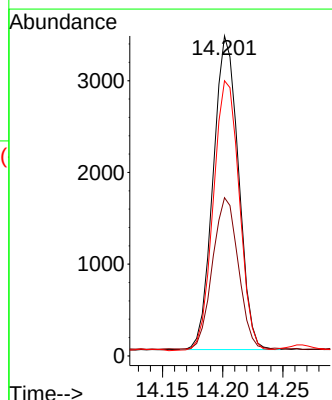
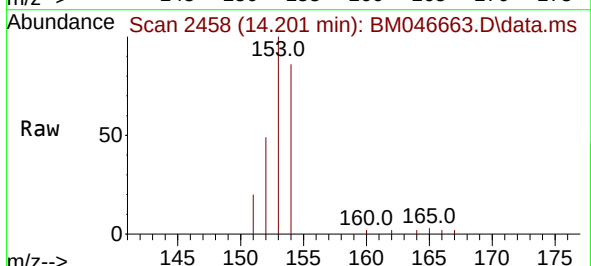
Tgt Ion:153 Resp: 5001

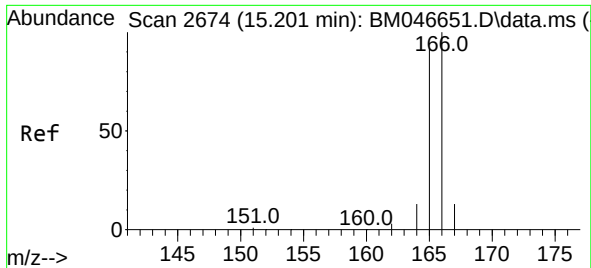
Ion Ratio Lower Upper

153 100

152 49.5 43.0 64.6

154 86.0 69.9 104.9

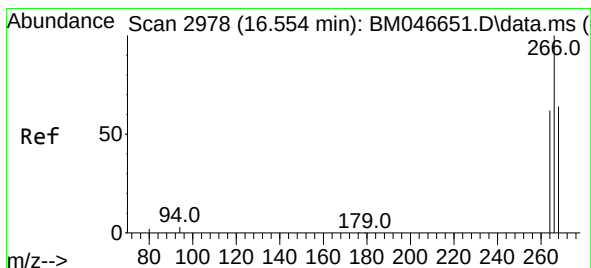
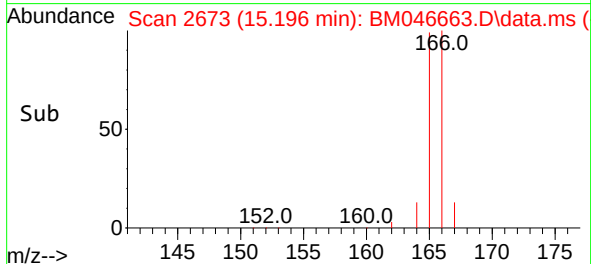
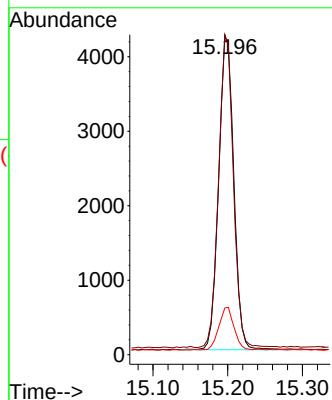
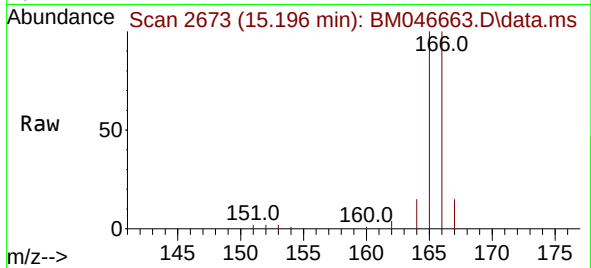




#12
 Fluorene
 Concen: 0.321 ng/ul
 RT: 15.196 min Scan# 2
 Delta R.T. -0.010 min
 Lab File: BM046663.D
 Acq: 17 Jul 2024 10:11

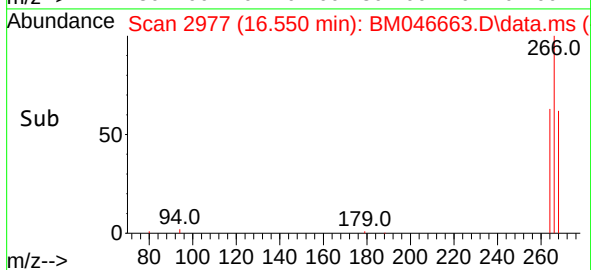
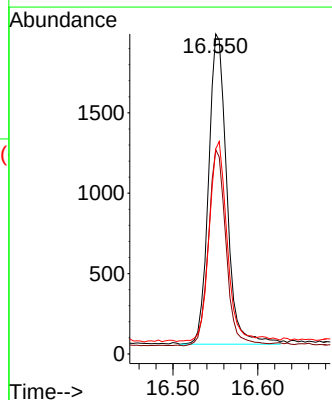
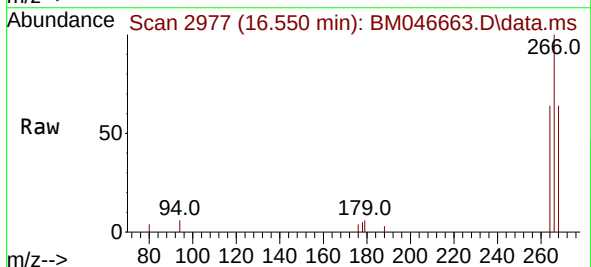
Instrument :
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 ClientSampleId :
 SLCS950

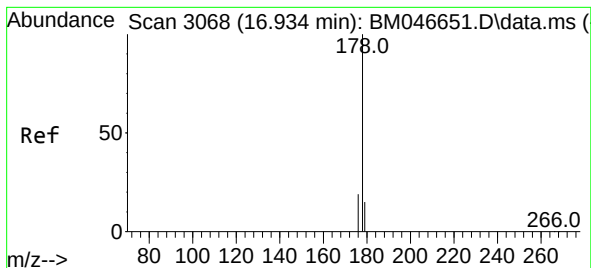
Tgt Ion:166 Resp: 5918
 Ion Ratio Lower Upper
 166 100
 165 100.2 76.1 114.1
 167 14.6 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.526 ng/ul
 RT: 16.550 min Scan# 2977
 Delta R.T. -0.005 min
 Lab File: BM046663.D
 Acq: 17 Jul 2024 10:11

Tgt Ion:266 Resp: 2880
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.1 75.1
 268 64.4 52.5 78.7





#15

Phenanthrene

Concen: 0.311 ng/ul

RT: 16.934 min Scan# 3068

Delta R.T. -0.009 min

Lab File: BM046663.D

Acq: 17 Jul 2024 10:11

Instrument :

BNA_M

ClientSampleId :

SLCS950

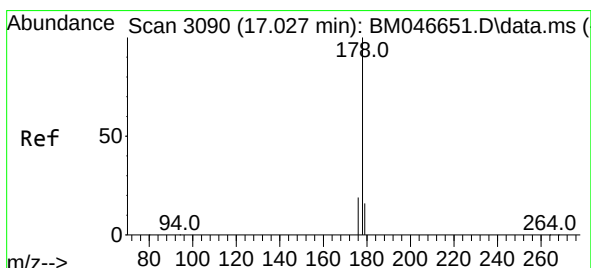
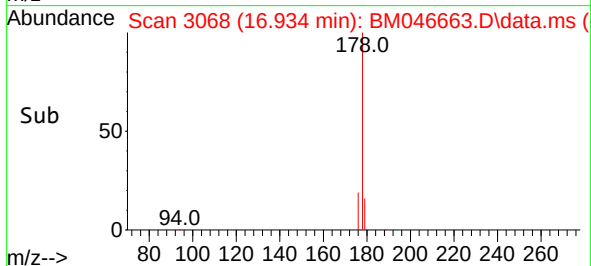
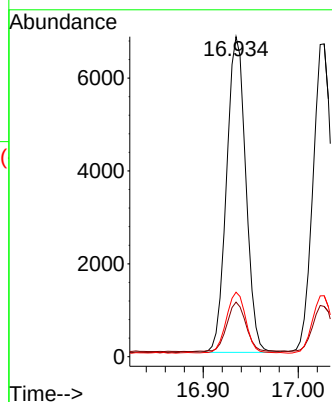
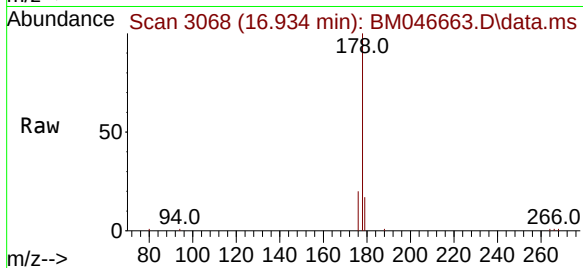
Tgt Ion:178 Resp: 9596

Ion Ratio Lower Upper

178 100

179 17.1 13.1 19.7

176 20.2 16.0 24.0



#16

Anthracene

Concen: 0.312 ng/ul

RT: 17.027 min Scan# 3090

Delta R.T. -0.005 min

Lab File: BM046663.D

Acq: 17 Jul 2024 10:11

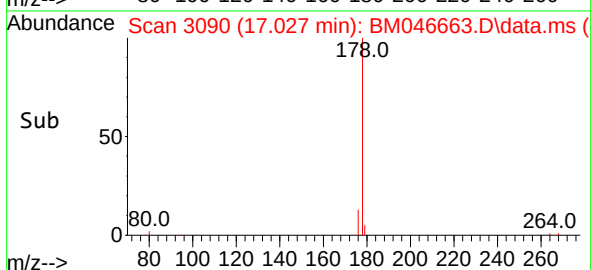
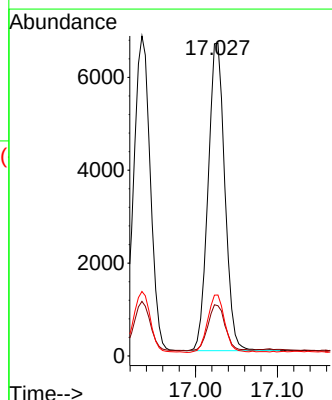
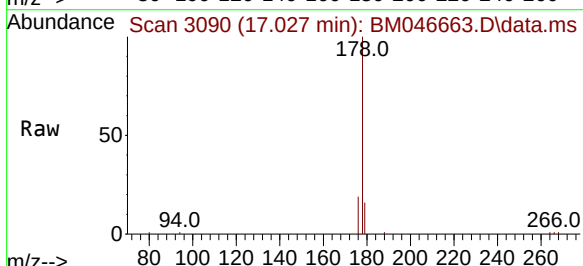
Tgt Ion:178 Resp: 9384

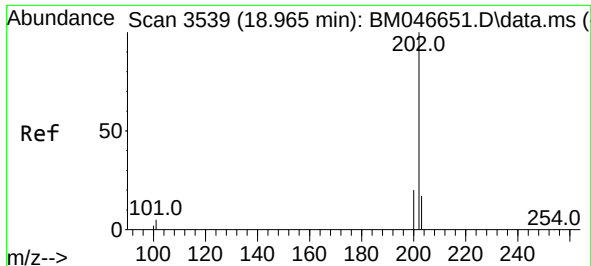
Ion Ratio Lower Upper

178 100

179 16.0 13.5 20.3

176 19.5 15.7 23.5

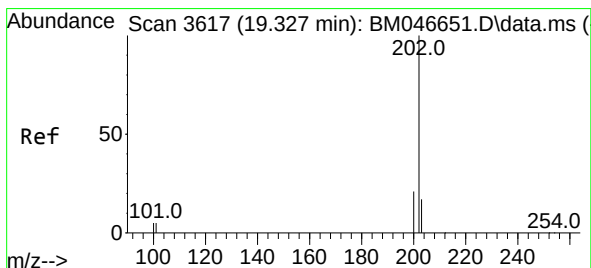
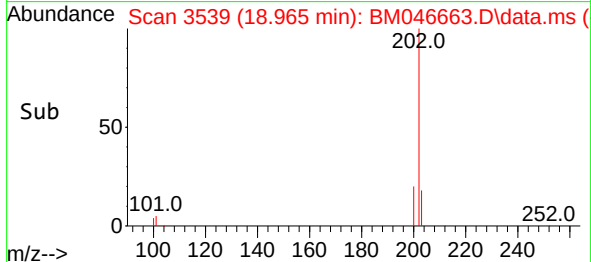
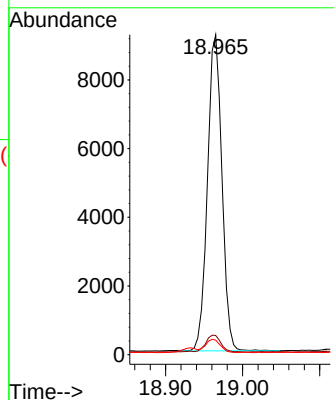
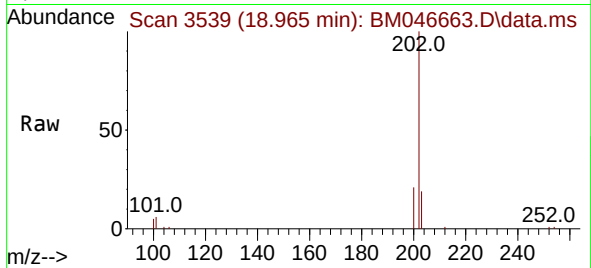




#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

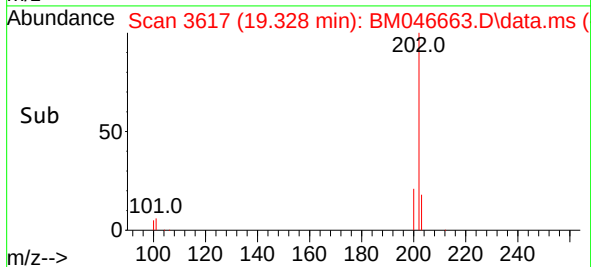
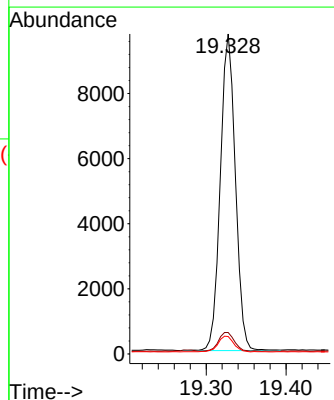
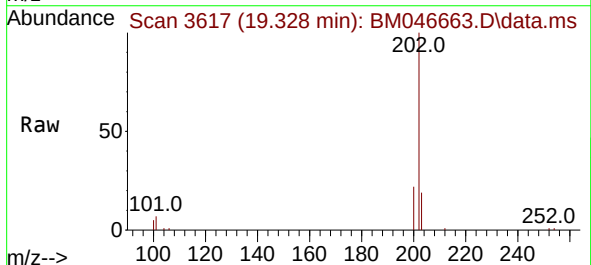
Instrument :
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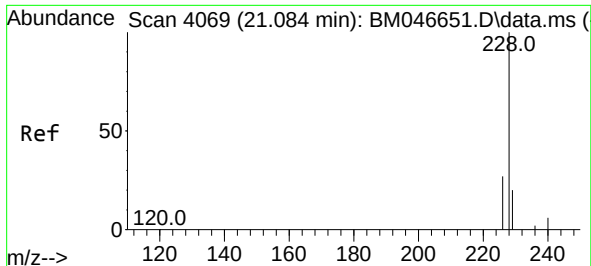
Tgt Ion:	202	Resp:	11989
Ion Ratio	Lower	Upper	
202	100		
101	6.0	4.6	6.8
100	4.6	3.0	4.6



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.328 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Tgt Ion:	202	Resp:	12718
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.1	7.7
100	5.4	3.8	5.6

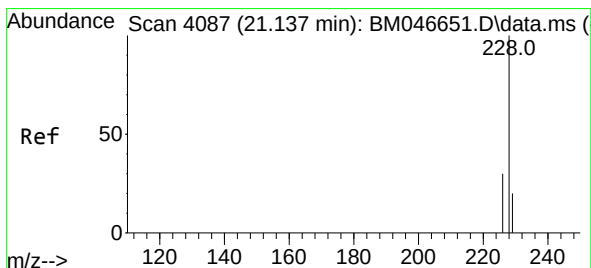
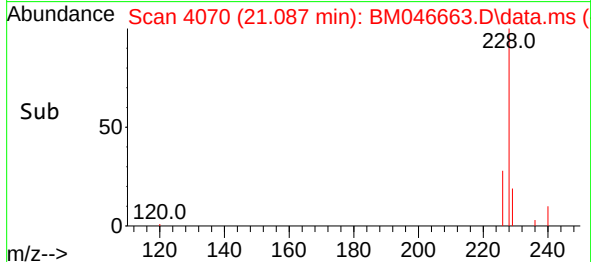
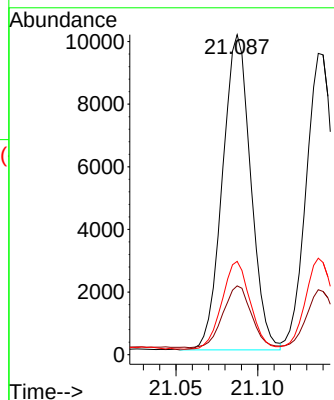
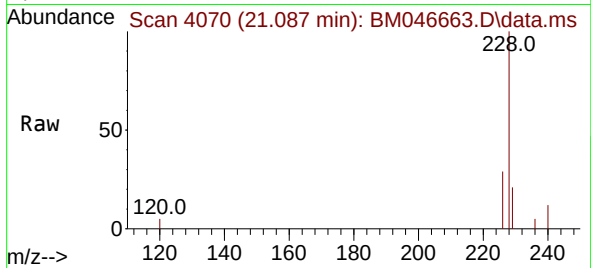




#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.087 min Scan# 4069
Delta R.T. -0.000 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

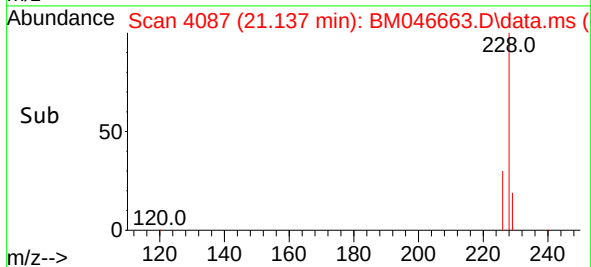
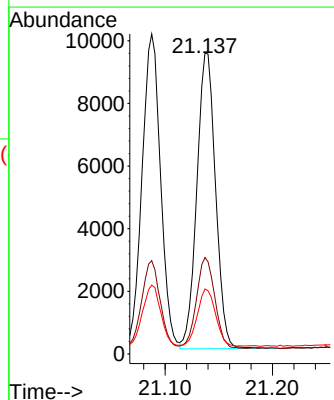
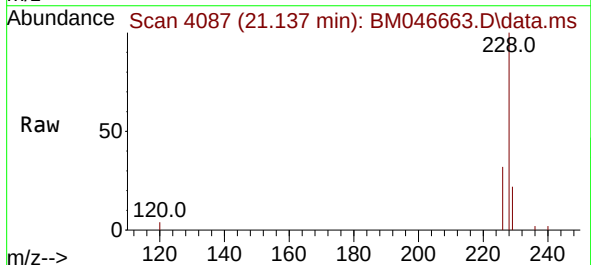
Instrument :
BNA_M
ClientSampleId :
SLCS950

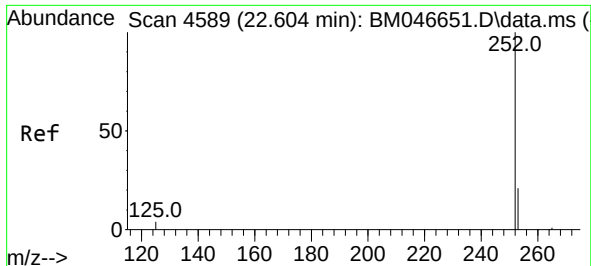
Tgt Ion:228	Resp:	12125
Ion Ratio	Lower	Upper
228	100	
229	21.5	16.5 24.7
226	29.2	22.5 33.7



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Tgt Ion:228	Resp:	11435
Ion Ratio	Lower	Upper
228	100	
226	32.0	24.3 36.5
229	21.5	16.4 24.6

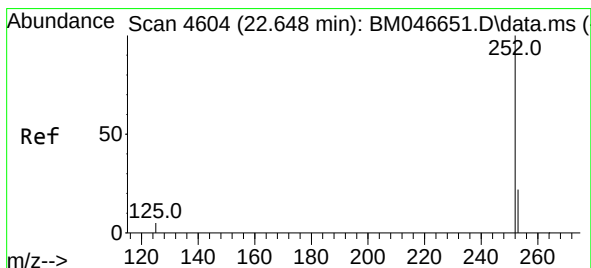
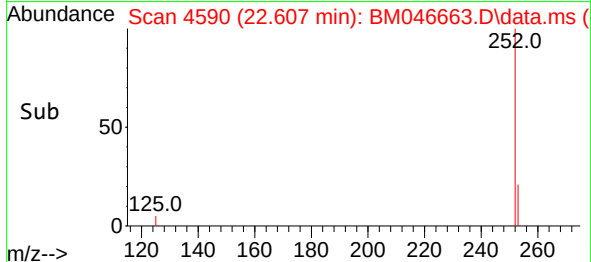
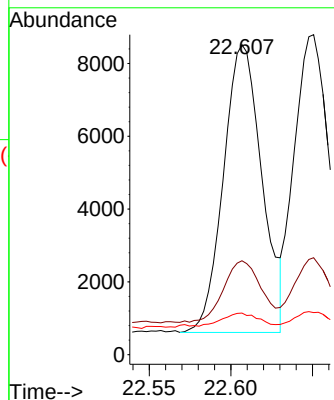
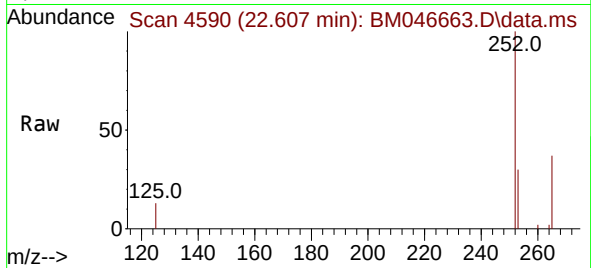




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 22.607 min Scan# 4589
Delta R.T. -0.003 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

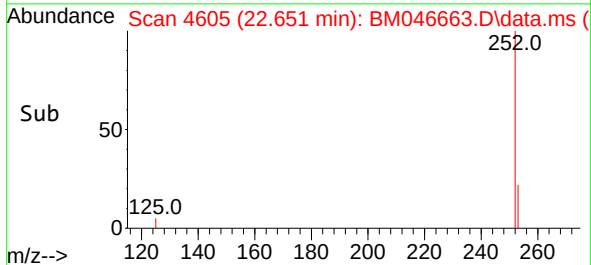
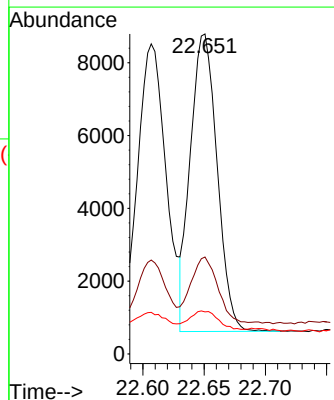
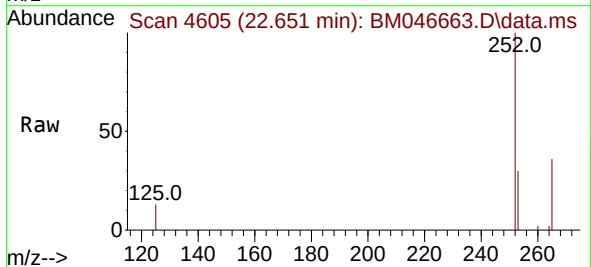
Instrument :
BNA_M
ClientSampleId :
SLCS950

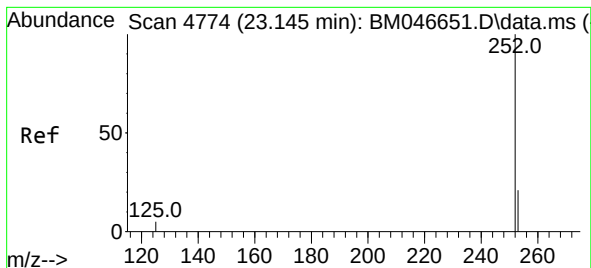
Tgt Ion:252	Resp:	12967
Ion Ratio	Lower	Upper
252	100	
253	30.3	0.0 56.2
125	13.4	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.000 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Tgt Ion:252	Resp:	12393
Ion Ratio	Lower	Upper
252	100	
253	30.3	22.4 33.6
125	13.1	7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.346 ng/ul

RT: 23.148 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046663.D

Acq: 17 Jul 2024 10:11

Instrument :

BNA_M

ClientSampleId :

SLCS950

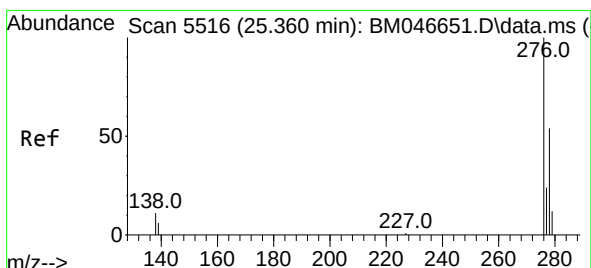
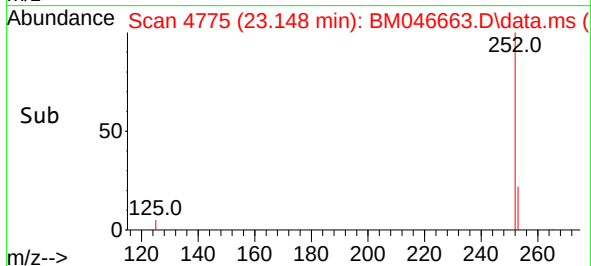
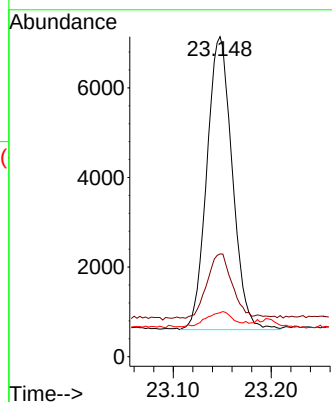
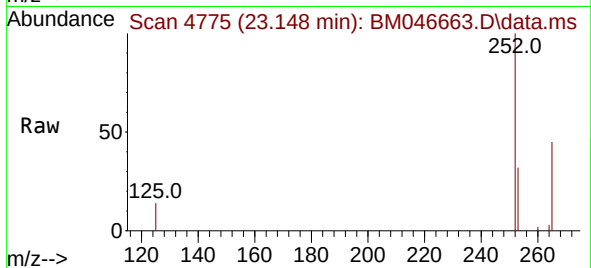
Tgt Ion:252 Resp: 11781

Ion Ratio Lower Upper

252 100

253 32.1 24.0 36.0

125 13.7 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.302 ng/ul

RT: 25.363 min Scan# 5517

Delta R.T. 0.003 min

Lab File: BM046663.D

Acq: 17 Jul 2024 10:11

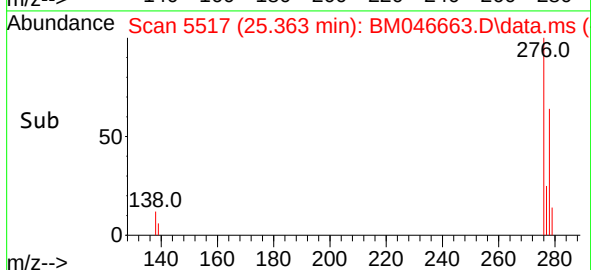
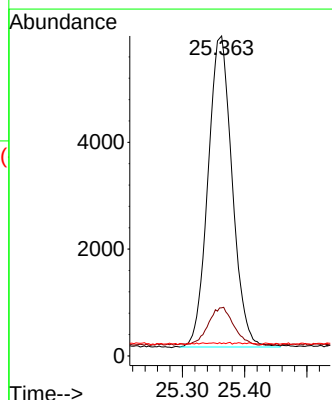
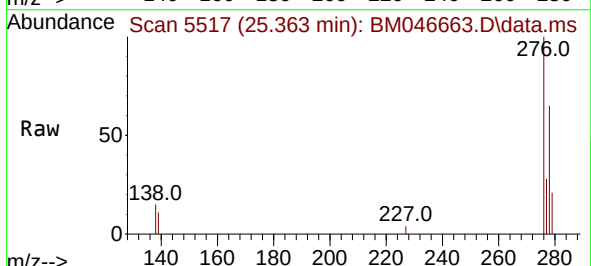
Tgt Ion:276 Resp: 15684

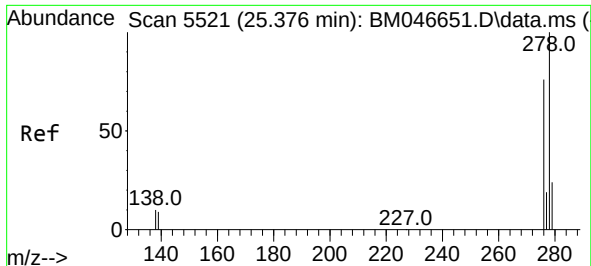
Ion Ratio Lower Upper

276 100

138 12.6 0.0 0.0#

227 0.1 0.2 0.2#

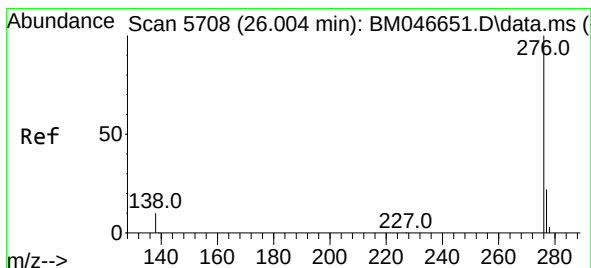
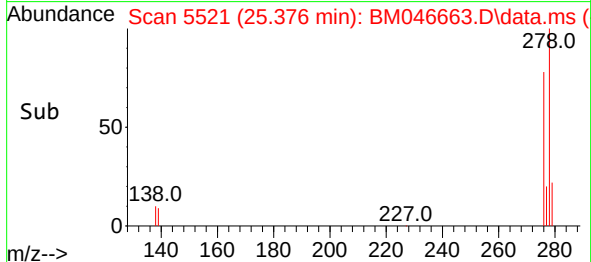
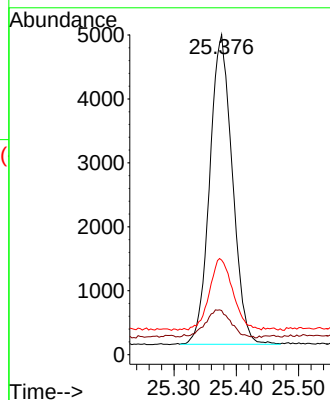
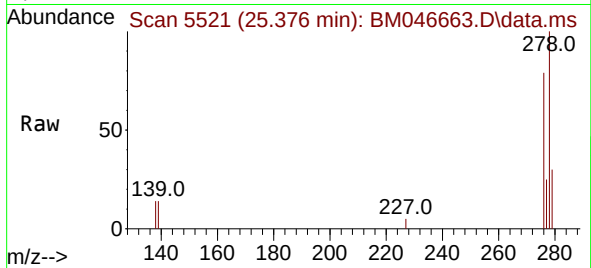




#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 25.376 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Instrument :
BNA_M
ClientSampleId :
SLCS950

Tgt Ion:278 Resp: 12177
Ion Ratio Lower Upper
278 100
139 13.8 9.1 13.7#
279 29.6 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.004 min
Lab File: BM046663.D
Acq: 17 Jul 2024 10:11

Tgt Ion:276 Resp: 12177
Ion Ratio Lower Upper
276 100
138 14.3 10.2 15.4
277 28.2 20.9 31.3

