

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046528.D
 Acq On : 11 Jul 2024 22:11
 Operator : MA/JU
 Sample : PB161864BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS864

Quant Time: Jul 12 05:10:55 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 : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

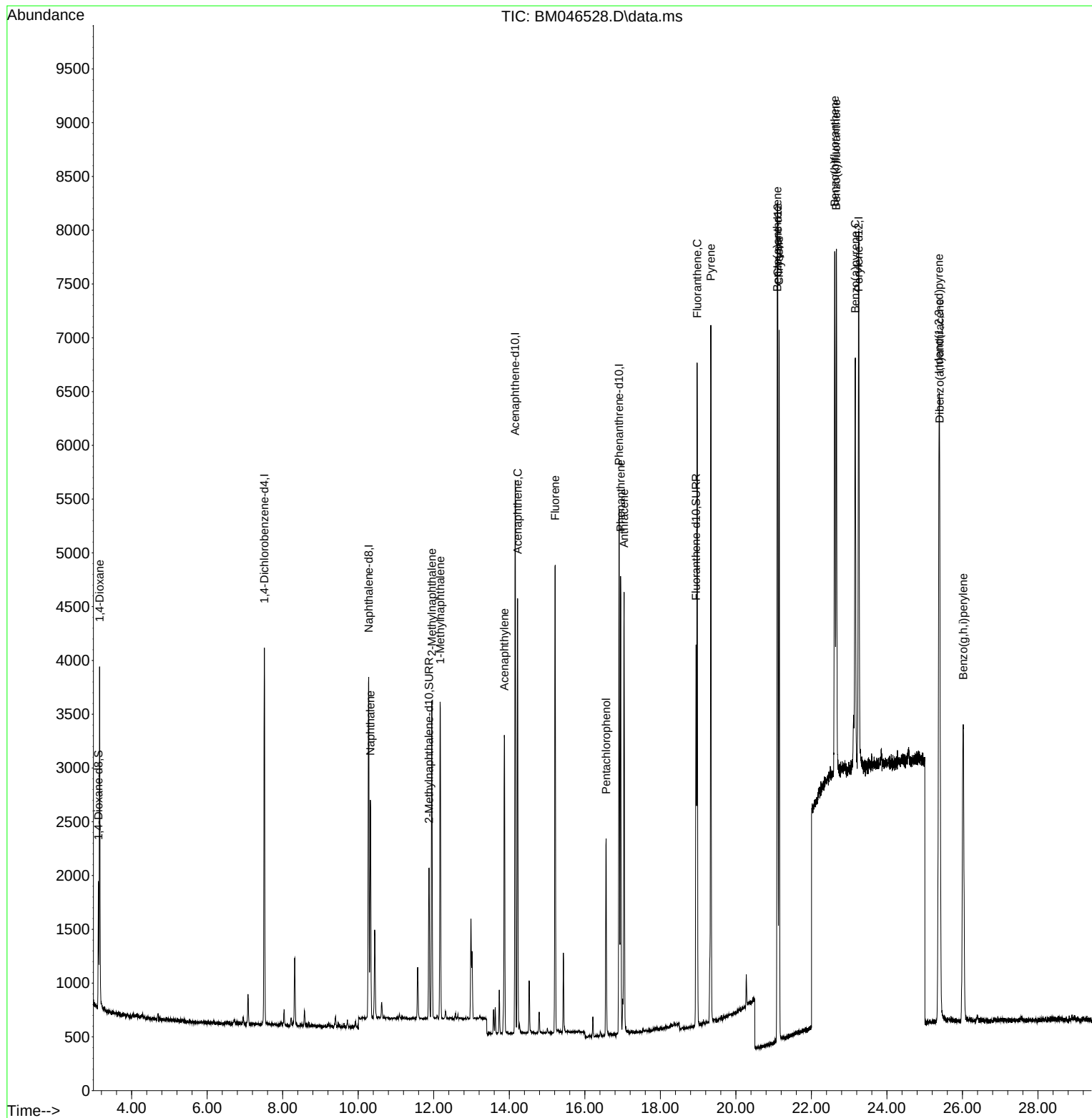
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	1749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	4318	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.155	164	2826	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.909	188	6249	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	5016	0.400	ng/ul #	0.00
23) Perylene-d12	23.253	264	5997	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	682	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	1871	0.269	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	4238	0.278	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.151	88	1872	1.221	ng/ul#	73
5) Naphthalene	10.320	128	2737	0.249	ng/ul	99
7) 2-Methylnaphthalene	11.948	142	1969	0.255	ng/ul	100
8) 1-Methylnaphthalene	12.174	142	1984	0.252	ng/ul	97
10) Acenaphthylene	13.868	152	3132	0.243	ng/ul	97
11) Acenaphthene	14.220	153	2233	0.259	ng/ul	96
12) Fluorene	15.214	166	2702	0.253	ng/ul	100
14) Pentachlorophenol	16.563	266	1184	0.374	ng/ul	97
15) Phenanthrene	16.947	178	4377	0.245	ng/ul	97
16) Anthracene	17.040	178	4171	0.240	ng/ul	98
19) Fluoranthene	18.974	202	5375	0.261	ng/ul	98
20) Pyrene	19.337	202	5706	0.256	ng/ul	99
21) Benzo(a)anthracene	21.096	228	5415	0.244	ng/ul	99
22) Chrysene	21.146	228	5319	0.248	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	6146	0.257	ng/ul	97
25) Benzo(k)fluoranthene	22.659	252	6081	0.259	ng/ul	96
26) Benzo(a)pyrene	23.162	252	5434	0.276	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.380	276	7777	0.259	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.396	278	6111	0.257	ng/ul	96
29) Benzo(g,h,i)perylene	26.020	276	6114	0.255	ng/ul	98

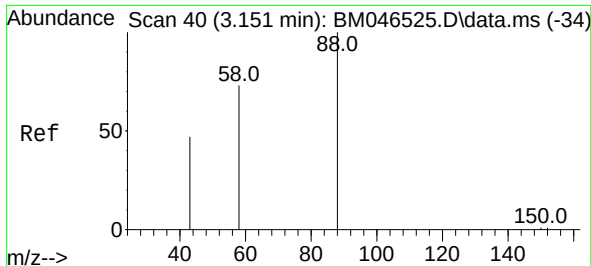
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 05:10:55 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 : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

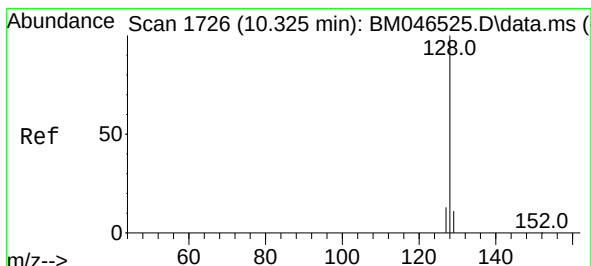
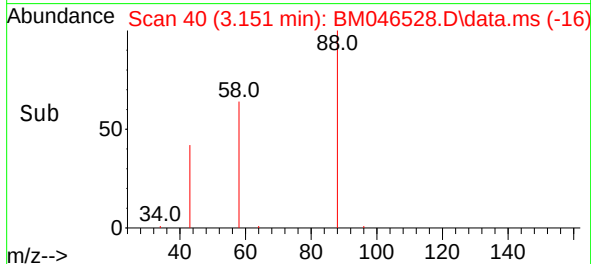
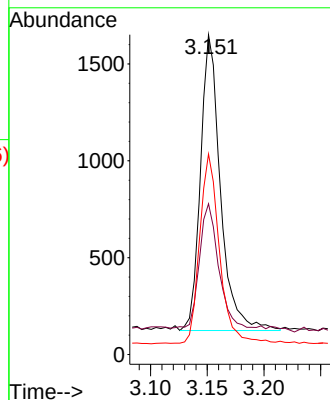
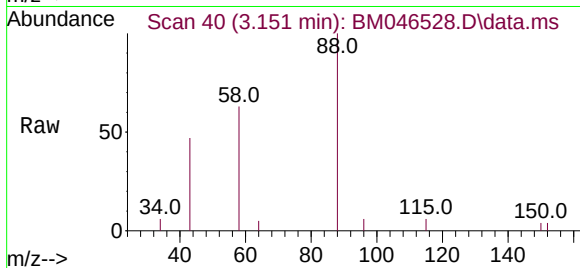




#2
1,4-Dioxane
Concen: 1.221 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

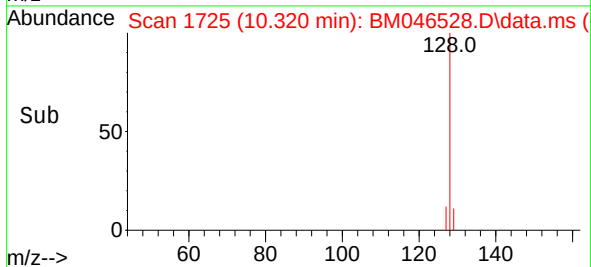
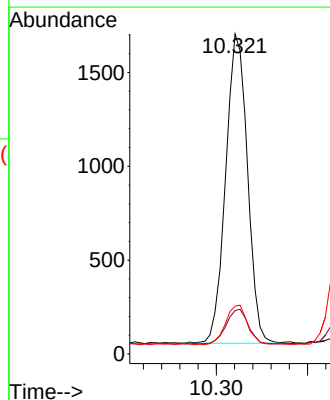
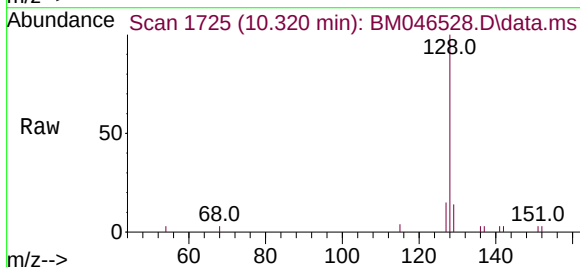
Instrument :
BNA_M
ClientSampleId :
SLCS864

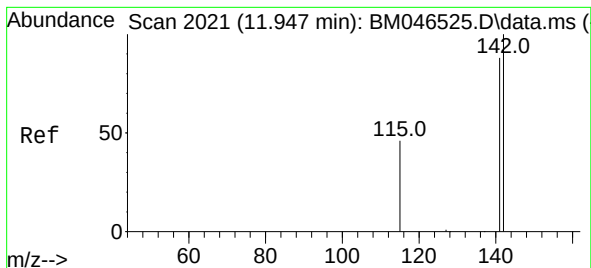
Tgt Ion: 88 Resp: 1872
Ion Ratio Lower Upper
88 100
43 47.1 70.2 105.4#
58 62.7 48.2 72.4



#5
Naphthalene
Concen: 0.249 ng/ul
RT: 10.320 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

Tgt Ion: 128 Resp: 2737
Ion Ratio Lower Upper
128 100
129 13.5 10.3 15.5
127 15.0 12.2 18.4





#7

2-Methylnaphthalene

Concen: 0.255 ng/ul

RT: 11.948 min Scan# 2021

Delta R.T. 0.001 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

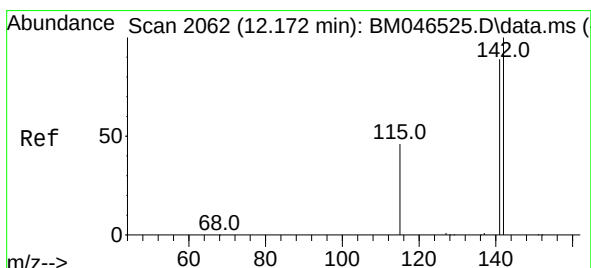
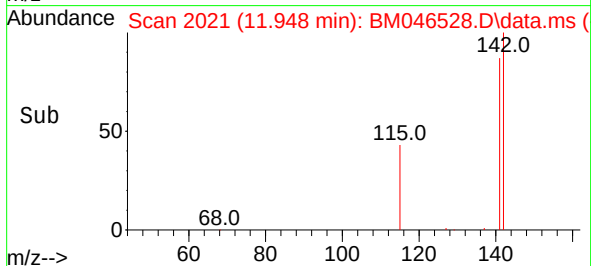
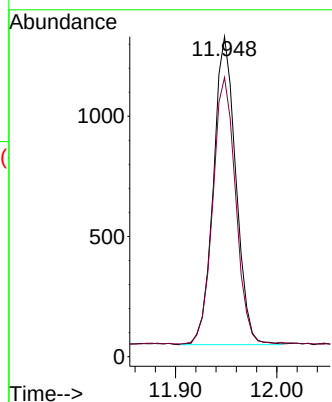
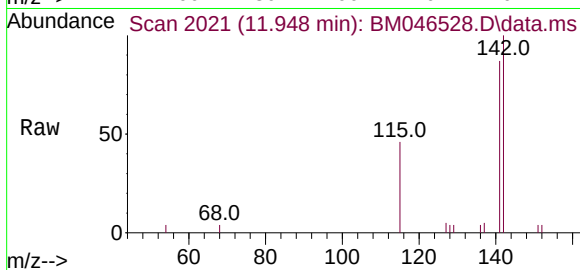
SLCS864

Tgt Ion:142 Resp: 1969

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.252 ng/ul

RT: 12.174 min Scan# 2062

Delta R.T. 0.001 min

Lab File: BM046528.D

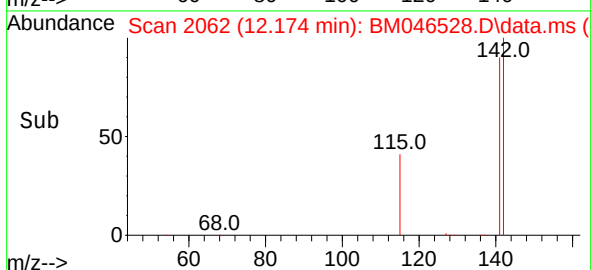
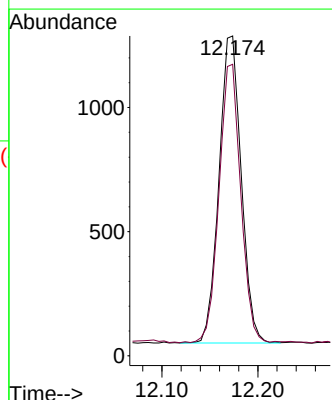
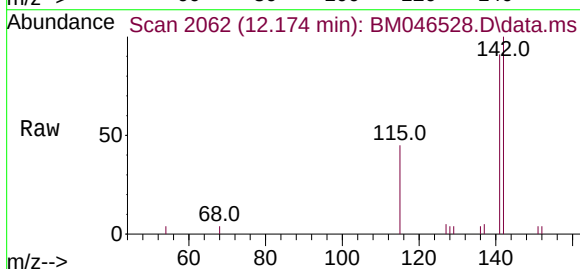
Acq: 11 Jul 2024 22:11

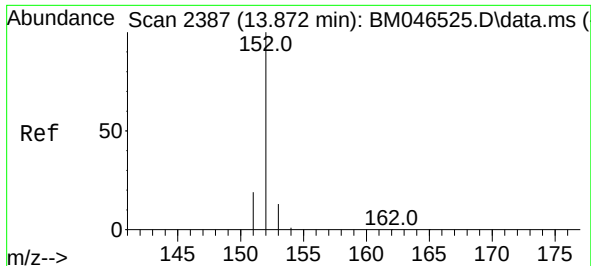
Tgt Ion:142 Resp: 1984

Ion Ratio Lower Upper

142 100

141 89.1 73.9 110.9

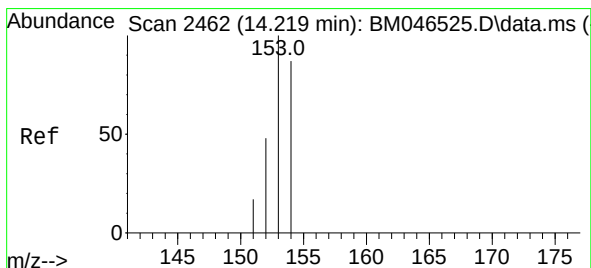
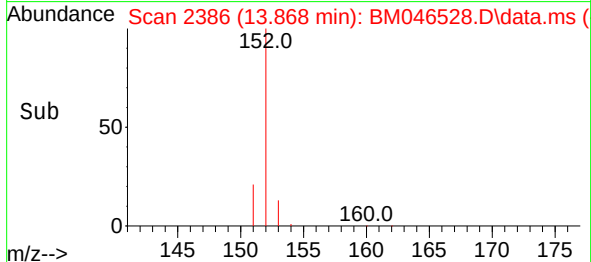
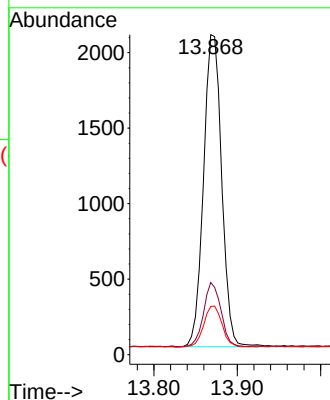
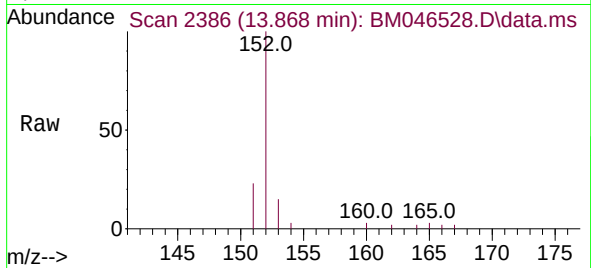




#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.868 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

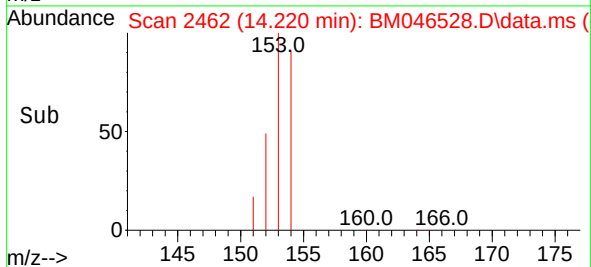
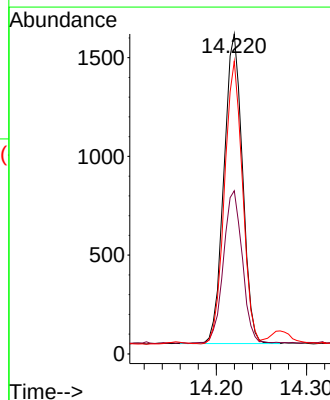
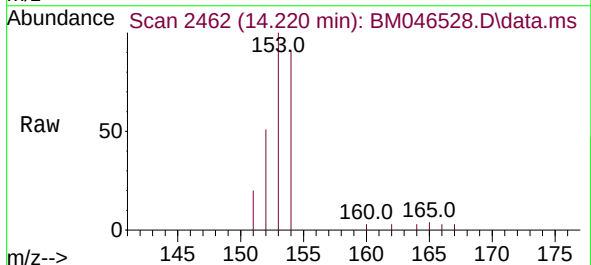
Instrument :
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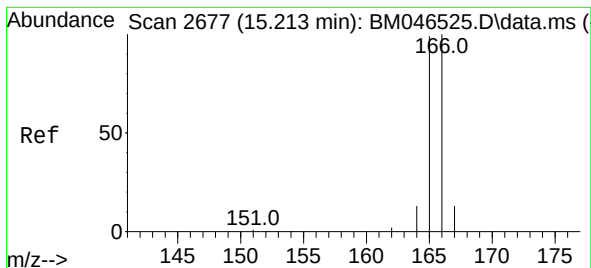
Tgt Ion:152	Resp:	3132
Ion Ratio	Lower	Upper
152	100	
151	22.6	16.4 24.6
153	15.1	12.4 18.6



#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.220 min Scan# 2462
Delta R.T. 0.001 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

Tgt Ion:153	Resp:	2233
Ion Ratio	Lower	Upper
153	100	
152	51.0	43.0 64.6
154	91.5	69.9 104.9





#12

Fluorene

Concen: 0.253 ng/ul

RT: 15.214 min Scan# 2

Delta R.T. 0.001 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

SLCS864

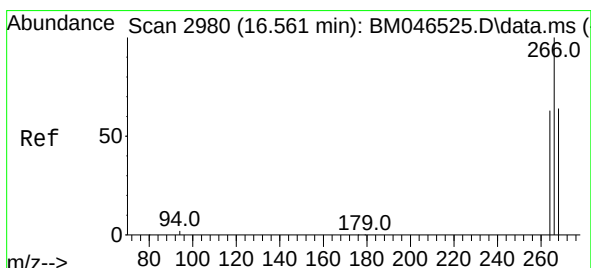
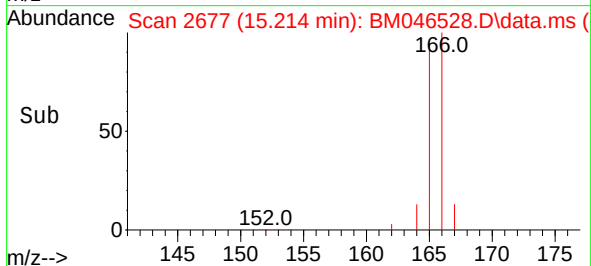
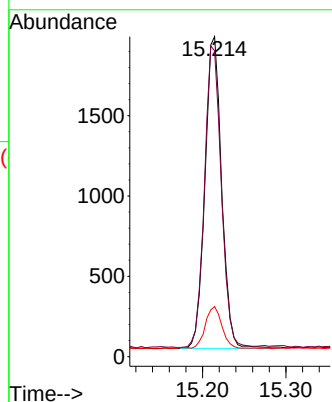
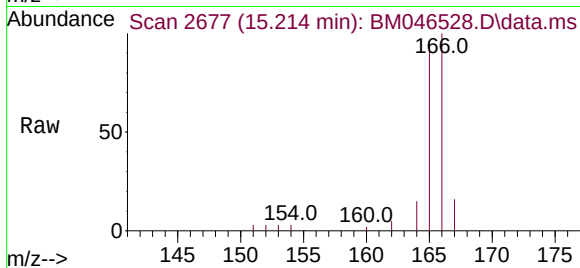
Tgt Ion:166 Resp: 2702

Ion Ratio Lower Upper

166 100

165 95.5 76.1 114.1

167 15.7 12.5 18.7



#14

Pentachlorophenol

Concen: 0.374 ng/ul

RT: 16.563 min Scan# 2980

Delta R.T. 0.001 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

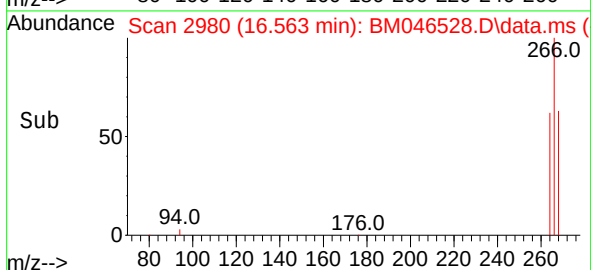
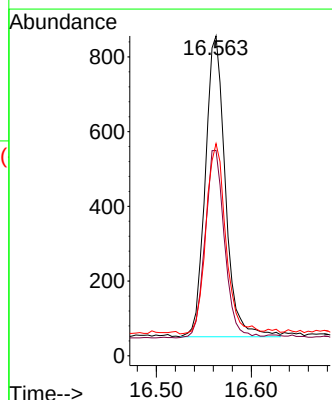
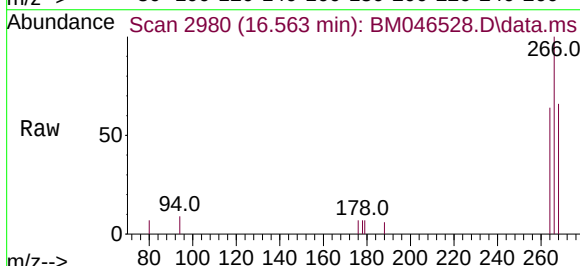
Tgt Ion:266 Resp: 1184

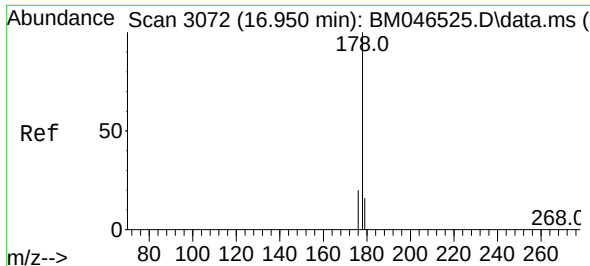
Ion Ratio Lower Upper

266 100

264 60.6 50.1 75.1

268 62.7 52.5 78.7

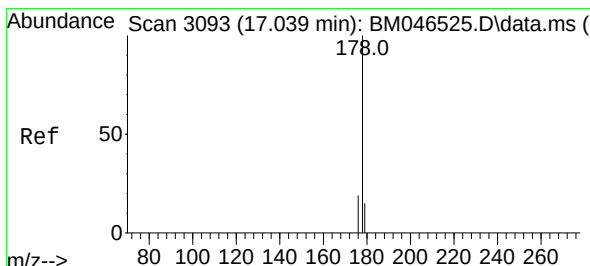
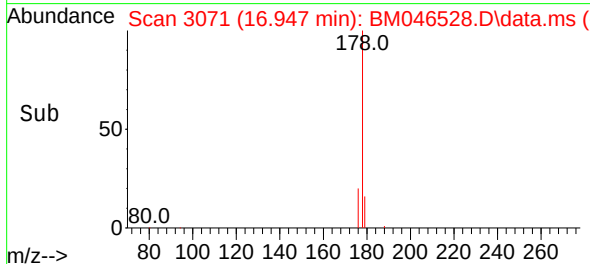
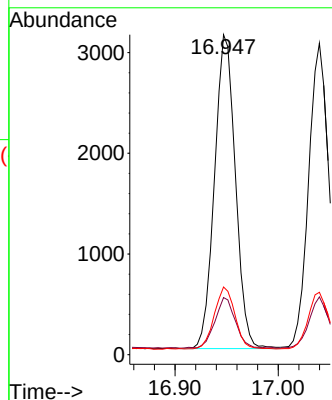
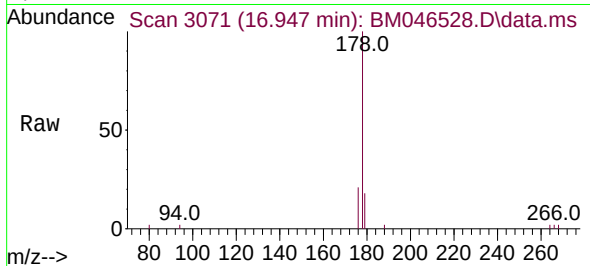




#15
Phenanthrene
Concen: 0.245 ng/ul
RT: 16.947 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

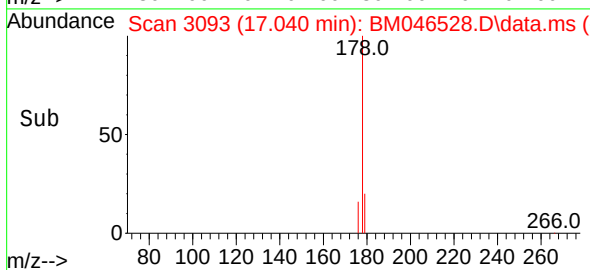
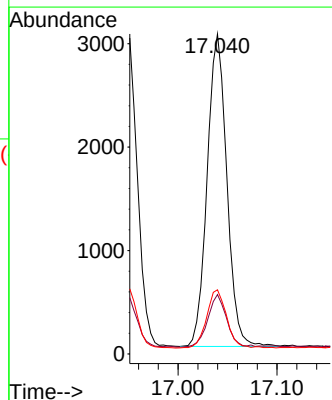
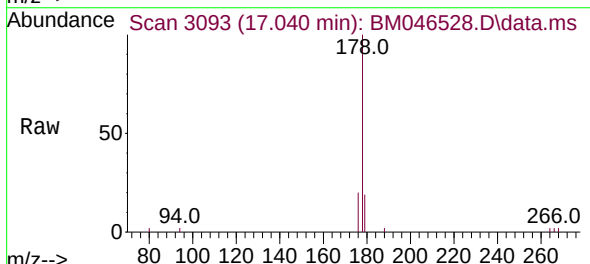
Instrument :
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SLCS864

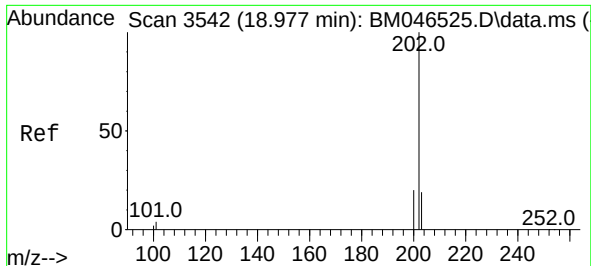
Tgt Ion:178 Resp: 4377
Ion Ratio Lower Upper
178 100
179 17.8 13.1 19.7
176 21.1 16.0 24.0



#16
Anthracene
Concen: 0.240 ng/ul
RT: 17.040 min Scan# 3093
Delta R.T. 0.001 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

Tgt Ion:178 Resp: 4171
Ion Ratio Lower Upper
178 100
179 18.6 13.5 20.3
176 20.0 15.7 23.5





#19

Fluoranthene

Concen: 0.261 ng/ul

RT: 18.974 min Scan# 3541

Delta R.T. -0.003 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

SLCS864

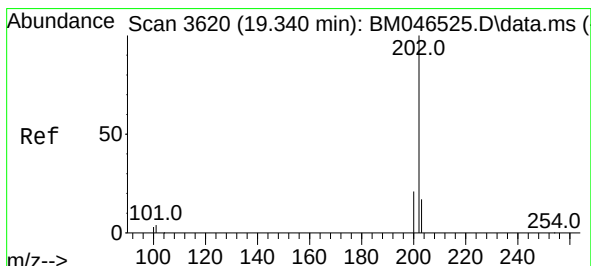
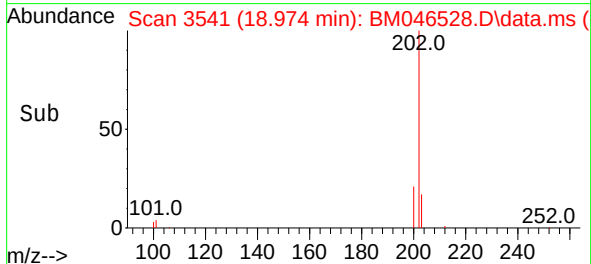
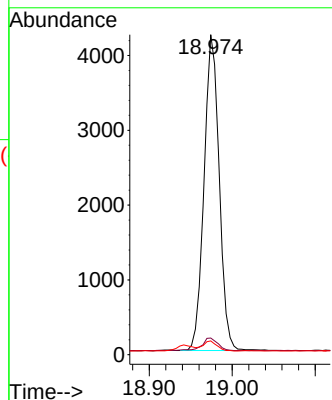
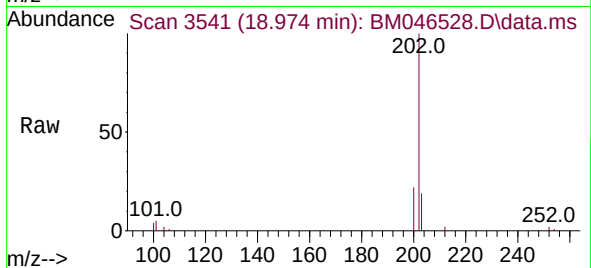
Tgt Ion:202 Resp: 5375

Ion Ratio Lower Upper

202 100

101 5.2 4.6 6.8

100 4.3 3.0 4.6



#20

Pyrene

Concen: 0.256 ng/ul

RT: 19.337 min Scan# 3619

Delta R.T. -0.003 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

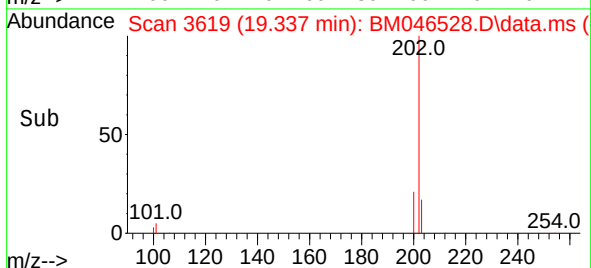
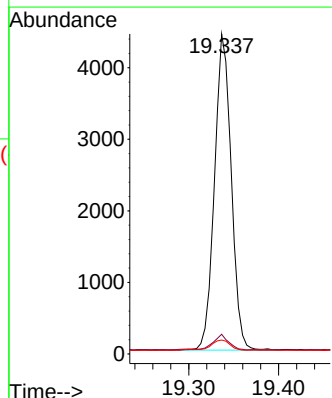
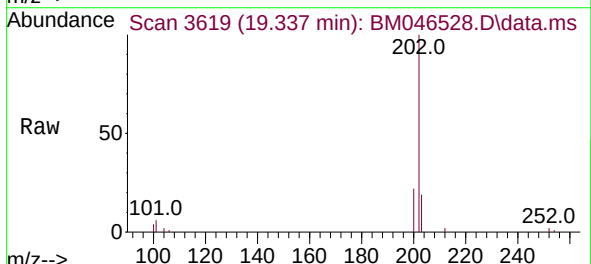
Tgt Ion:202 Resp: 5706

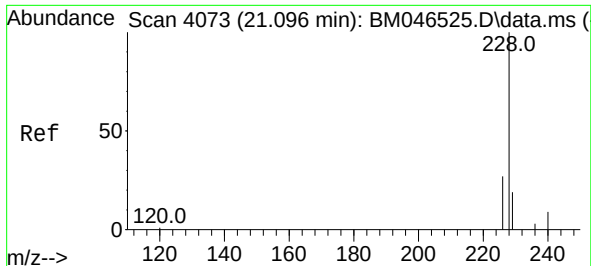
Ion Ratio Lower Upper

202 100

101 6.2 5.1 7.7

100 4.4 3.8 5.6

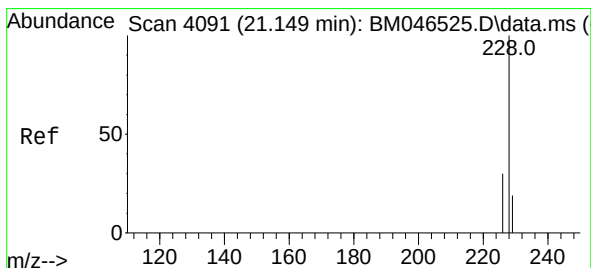
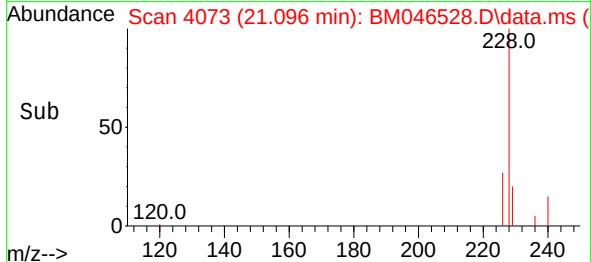
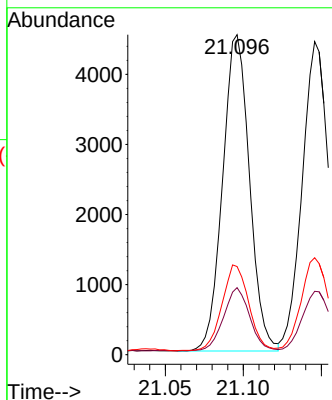
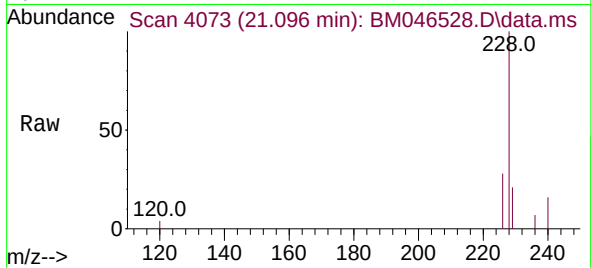




#21
Benzo(a)anthracene
Concen: 0.244 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. -0.000 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

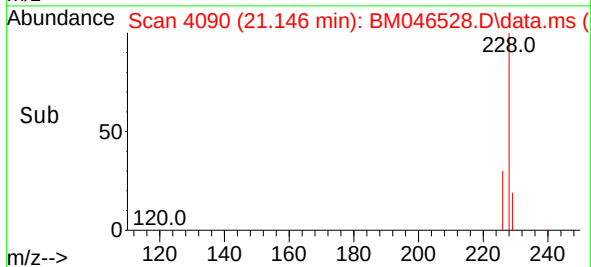
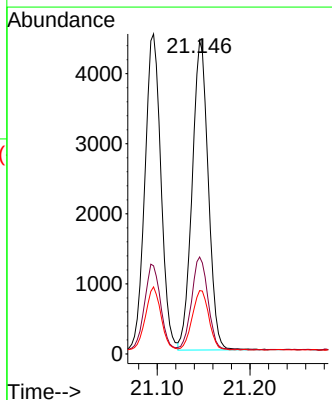
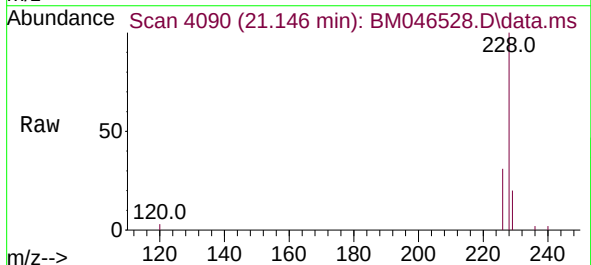
Instrument :
BNA_M
ClientSampleId :
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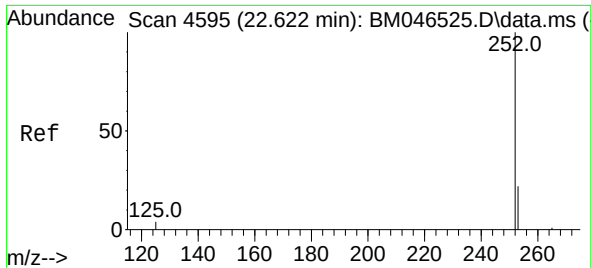
Tgt Ion:228 Resp: 5415
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.248 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

Tgt Ion:228 Resp: 5319
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.2 16.4 24.6

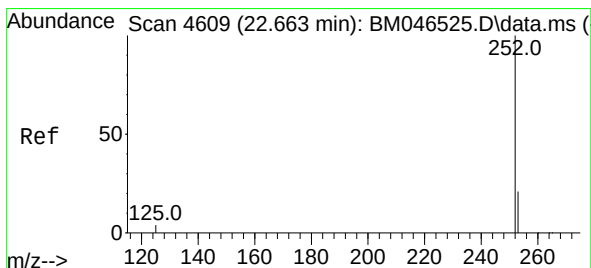
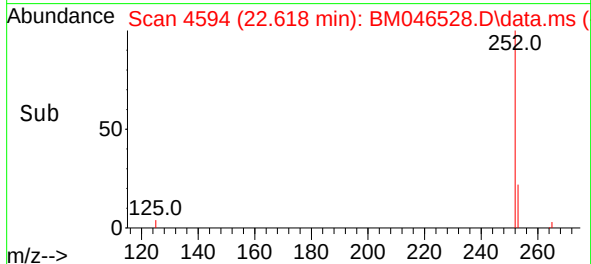
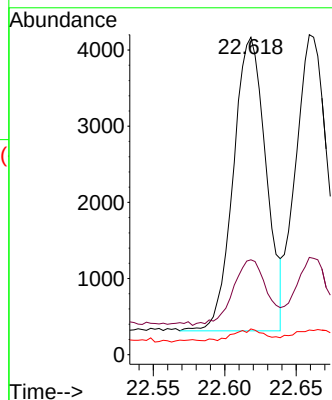
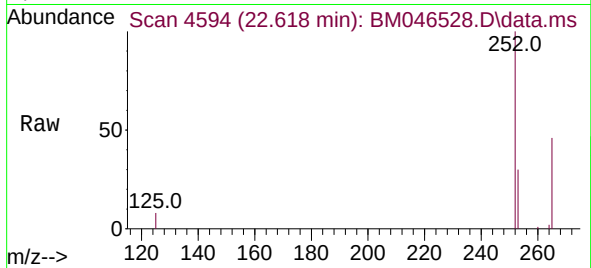




#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

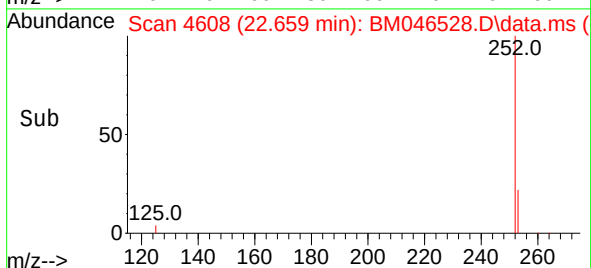
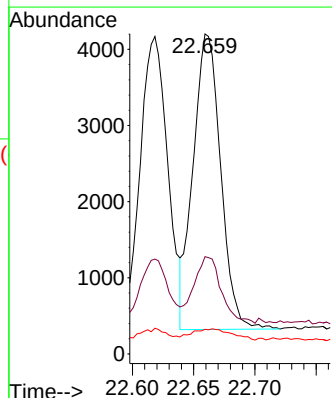
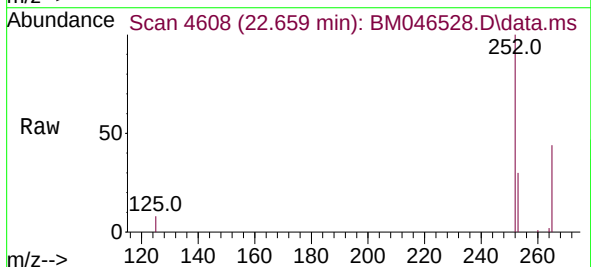
Instrument :
BNA_M
ClientSampleId :
SLCS864

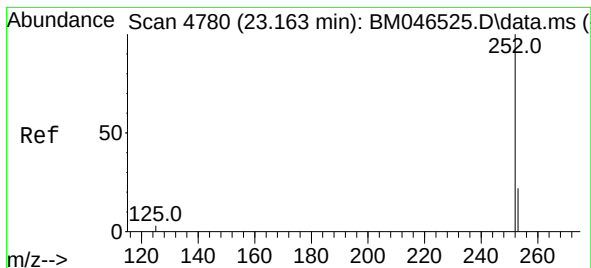
Tgt Ion:252 Resp: 6146
Ion Ratio Lower Upper
252 100
253 29.9 0.0 56.2
125 8.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.259 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046528.D
Acq: 11 Jul 2024 22:11

Tgt Ion:252 Resp: 6081
Ion Ratio Lower Upper
252 100
253 30.4 22.4 33.6
125 7.7 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.276 ng/ul

RT: 23.162 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

SLCS864

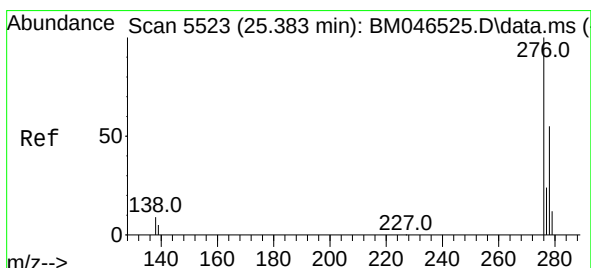
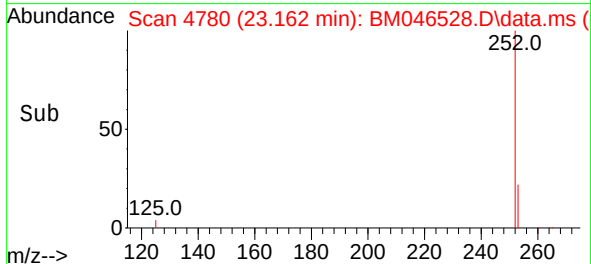
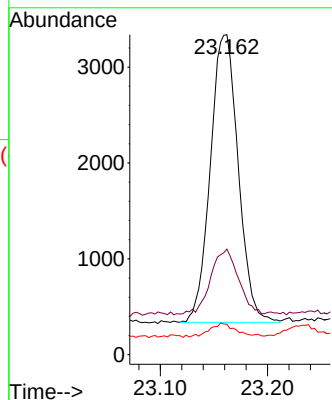
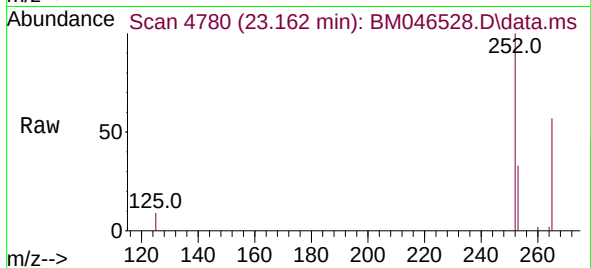
Tgt Ion:252 Resp: 5434

Ion Ratio Lower Upper

252 100

253 33.0 24.0 36.0

125 9.5 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.259 ng/ul

RT: 25.380 min Scan# 5522

Delta R.T. -0.004 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

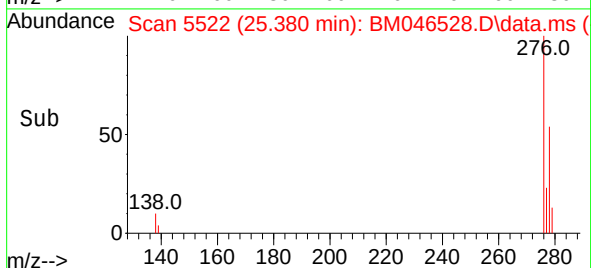
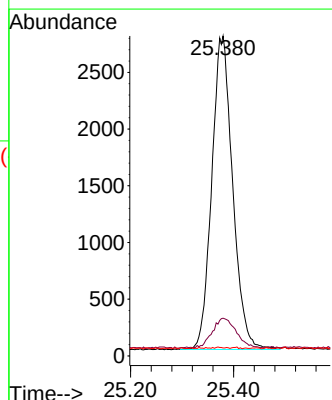
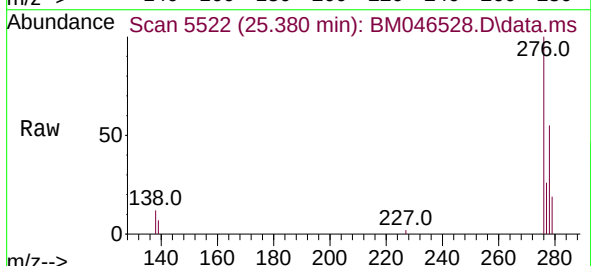
Tgt Ion:276 Resp: 7777

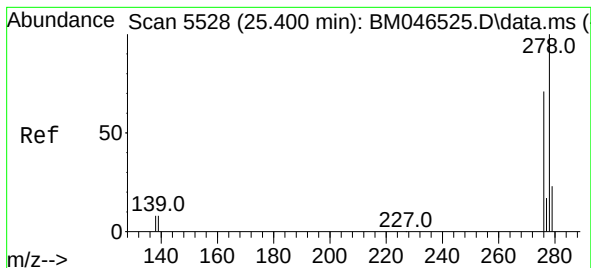
Ion Ratio Lower Upper

276 100

138 10.8 0.0 0.0#

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.257 ng/ul

RT: 25.396 min Scan# 51

Delta R.T. -0.004 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

SLCS864

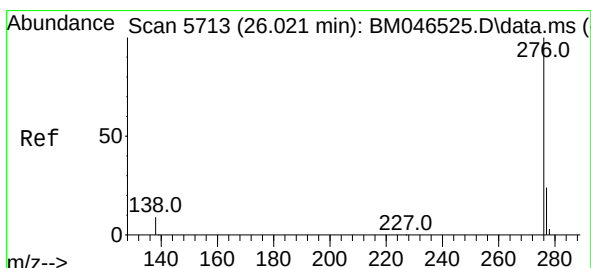
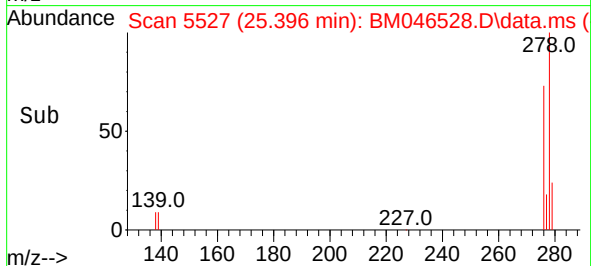
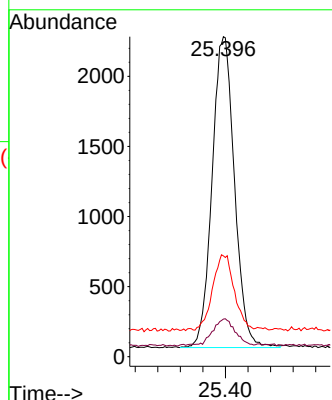
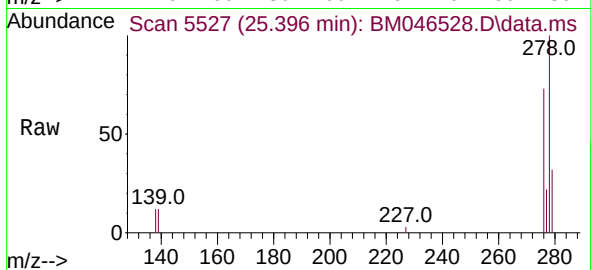
Tgt Ion:278 Resp: 6111

Ion Ratio Lower Upper

278 100

139 11.8 9.1 13.7

279 31.5 23.2 34.8



#29

Benzo(g,h,i)perylene

Concen: 0.255 ng/ul

RT: 26.020 min Scan# 5713

Delta R.T. -0.000 min

Lab File: BM046528.D

Acq: 11 Jul 2024 22:11

Tgt Ion:276 Resp: 6114

Ion Ratio Lower Upper

276 100

138 13.3 10.2 15.4

277 27.2 20.9 31.3

