

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046536.D
 Acq On : 12 Jul 2024 03:05
 Operator : MA/JU
 Sample : PB161755BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS755

Quant Time: Jul 12 05:12:40 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)

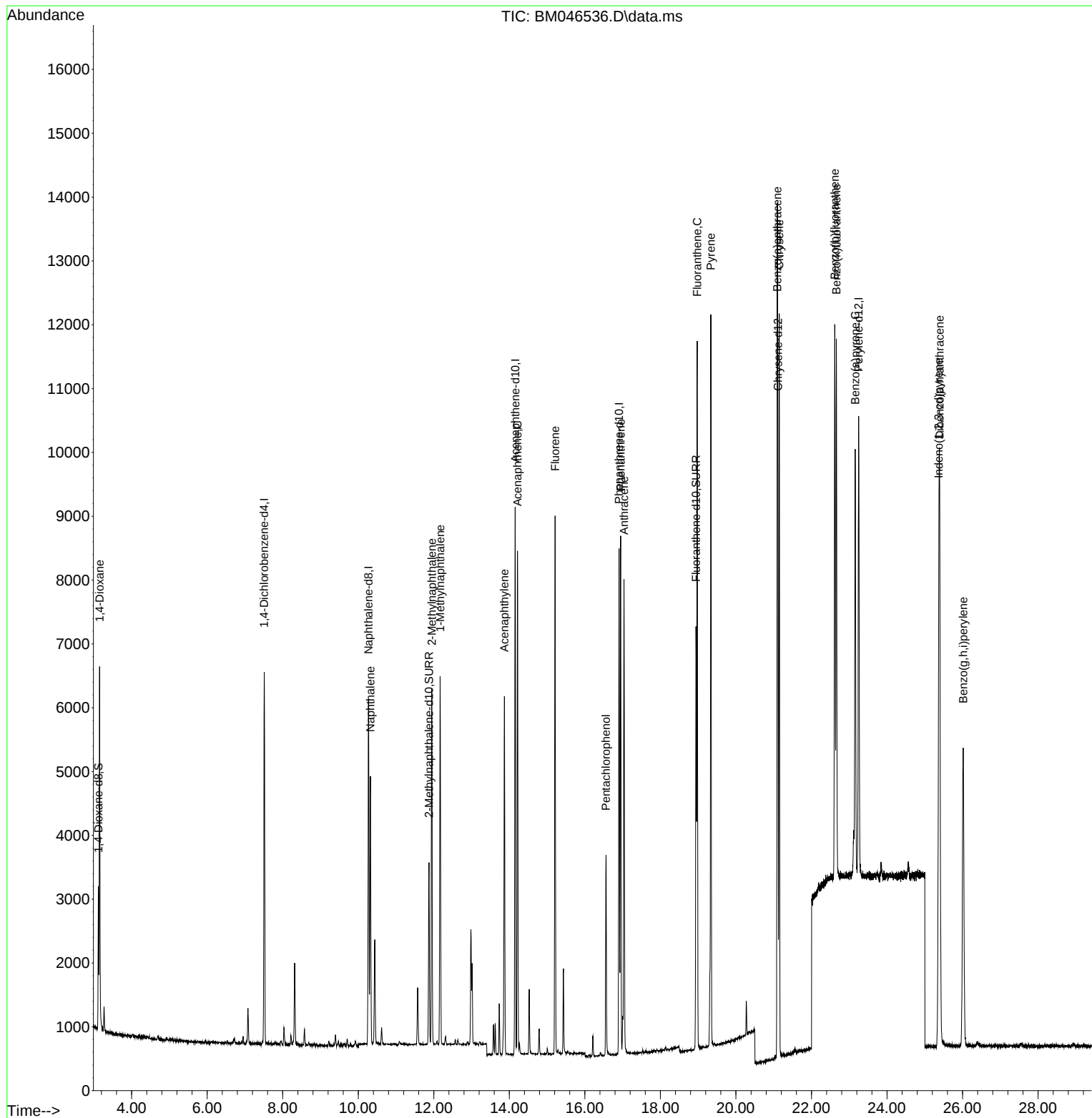
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	2913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	7282	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.155	164	4577	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	9849	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	7566	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	8707	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1327	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	3608	0.307	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	7711	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.151	88	3492	1.367	ng/ul#	69
5) Naphthalene	10.321	128	5465	0.295	ng/ul	97
7) 2-Methylnaphthalene	11.948	142	3843	0.295	ng/ul	99
8) 1-Methylnaphthalene	12.168	142	3874	0.292	ng/ul	97
10) Acenaphthylene	13.868	152	5991	0.288	ng/ul	98
11) Acenaphthene	14.215	153	4318	0.309	ng/ul	98
12) Fluorene	15.210	166	5064	0.293	ng/ul	98
14) Pentachlorophenol	16.559	266	2011	0.403	ng/ul	97
15) Phenanthrene	16.947	178	8146	0.290	ng/ul	99
16) Anthracene	17.036	178	7806	0.285	ng/ul	99
19) Fluoranthene	18.974	202	9902	0.319	ng/ul	99
20) Pyrene	19.337	202	10269	0.305	ng/ul	99
21) Benzo(a)anthracene	21.093	228	9707	0.290	ng/ul	99
22) Chrysene	21.146	228	9587	0.296	ng/ul	99
24) Benzo(b)fluoranthene	22.616	252	10433	0.300	ng/ul	97
25) Benzo(k)fluoranthene	22.659	252	10040	0.294	ng/ul	97
26) Benzo(a)pyrene	23.159	252	9224	0.322	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.373	276	12568	0.289	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	9861	0.286	ng/ul	99
29) Benzo(g,h,i)perylene	26.017	276	9926	0.286	ng/ul	99

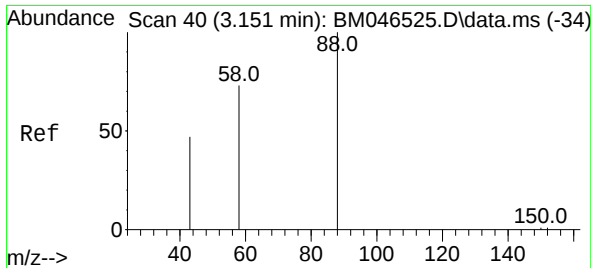
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 05:12:40 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

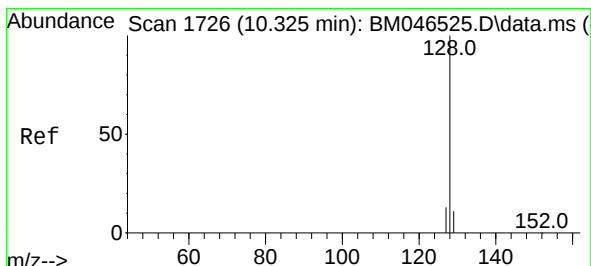
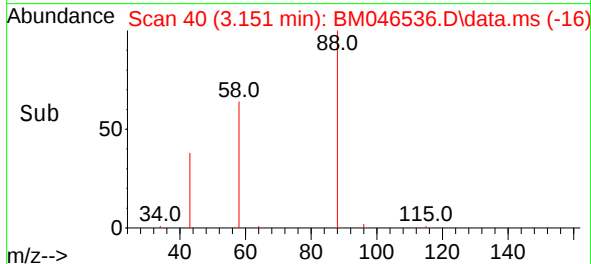
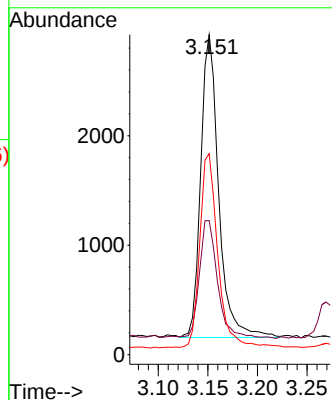
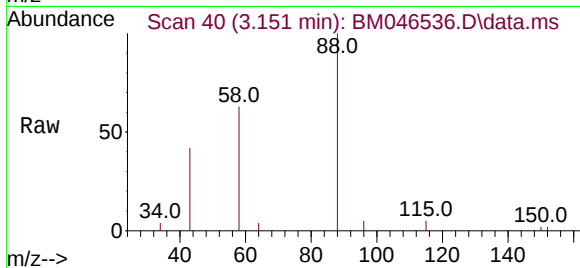




#2
1,4-Dioxane
Concen: 1.367 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

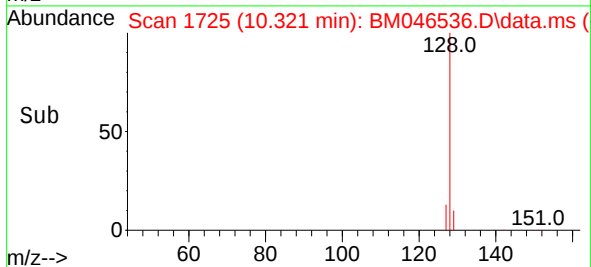
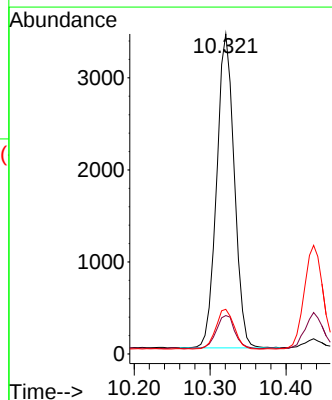
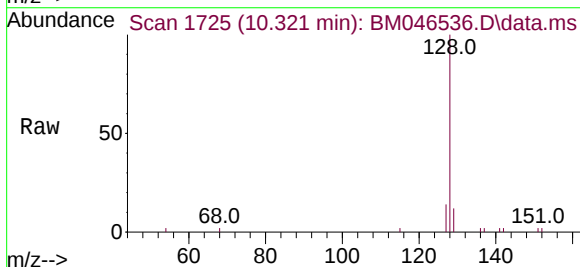
Instrument :
BNA_M
ClientSampleId :
SLCS755

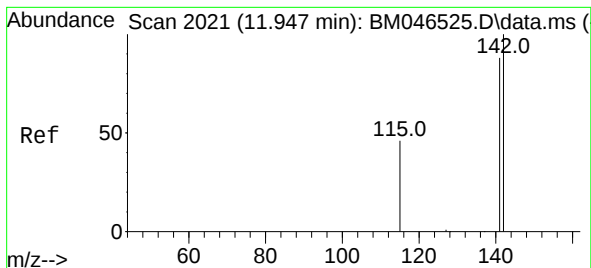
Tgt Ion: 88 Resp: 3492
Ion Ratio Lower Upper
88 100
43 41.9 70.2 105.4#
58 62.8 48.2 72.4



#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.321 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

Tgt Ion: 128 Resp: 5465
Ion Ratio Lower Upper
128 100
129 12.0 10.3 15.5
127 13.9 12.2 18.4

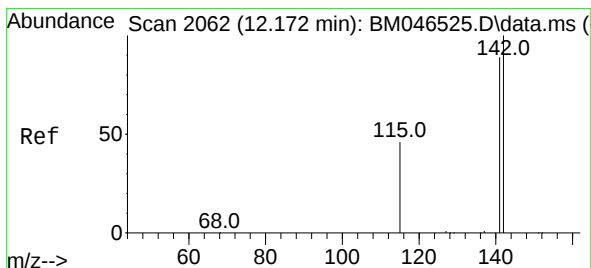
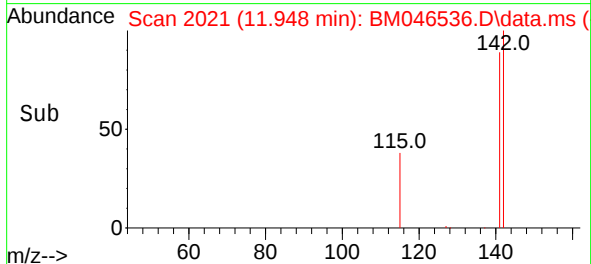
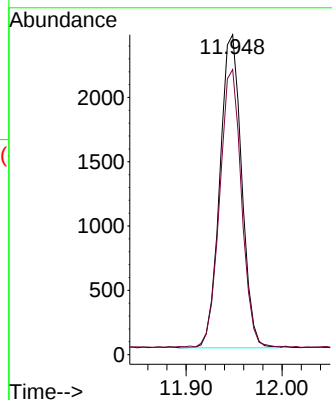
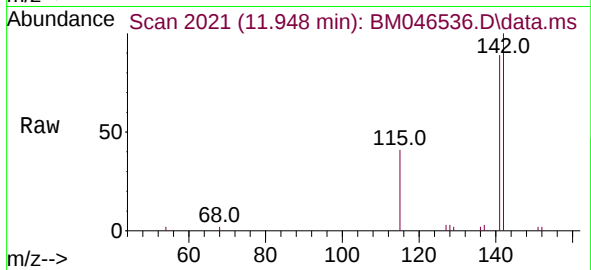




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 11.948 min Scan# 2021
Delta R.T. 0.001 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

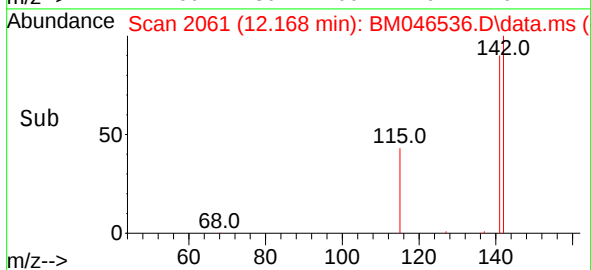
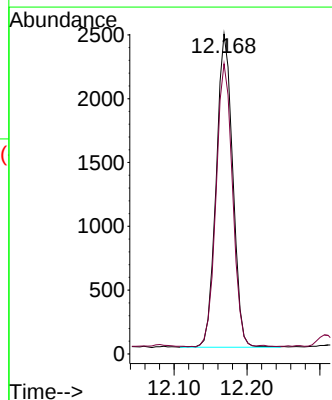
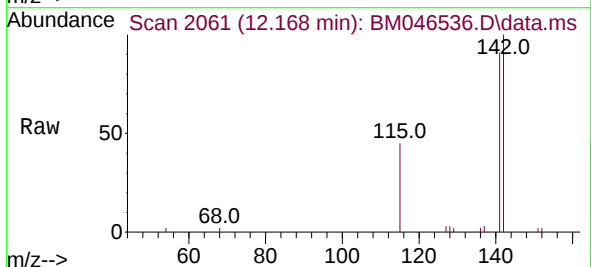
Instrument :
BNA_M
ClientSampleId :
SLCS755

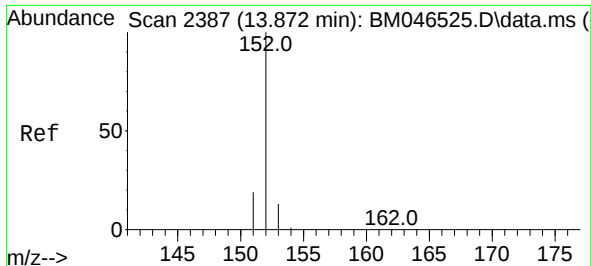
Tgt Ion:142 Resp: 3843
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

Tgt Ion:142 Resp: 3874
Ion Ratio Lower Upper
142 100
141 89.7 73.9 110.9

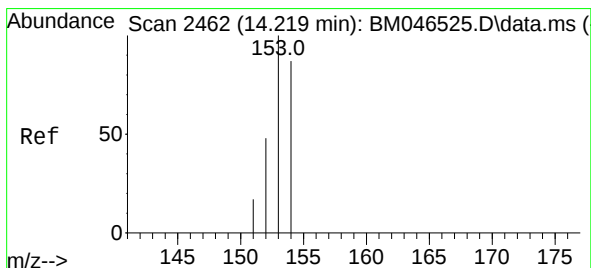
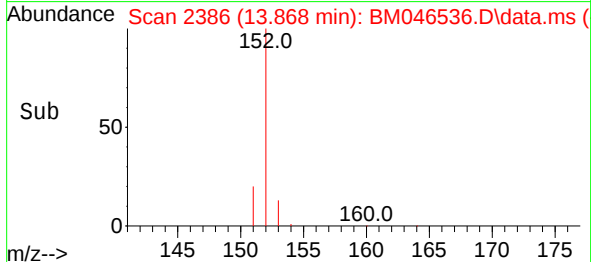
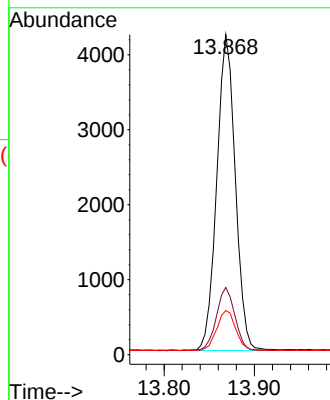
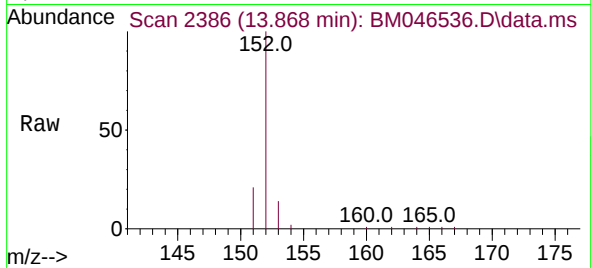




#10
Acenaphthylene
Concen: 0.288 ng/ul
RT: 13.868 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

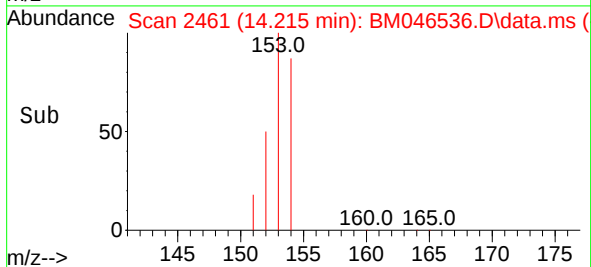
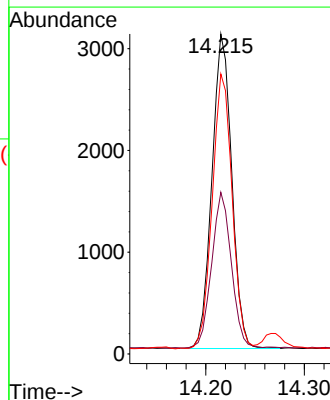
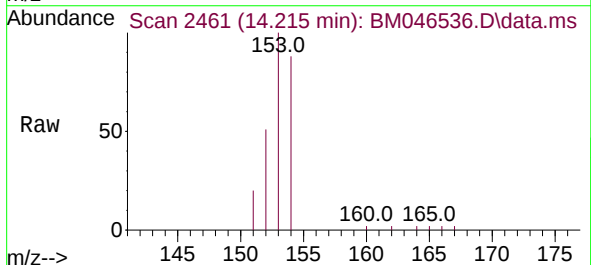
Instrument :
BNA_M
ClientSampleId :
SLCS755

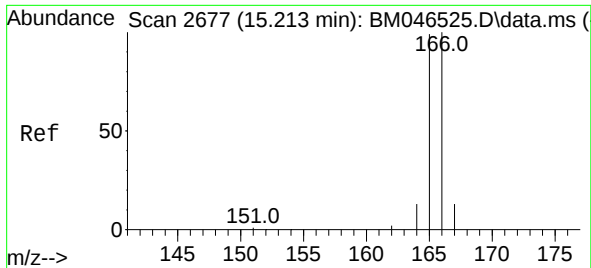
Tgt Ion:152 Resp: 5991
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.8 12.4 18.6



#11
Acenaphthene
Concen: 0.309 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

Tgt Ion:153 Resp: 4318
Ion Ratio Lower Upper
153 100
152 50.5 43.0 64.6
154 87.5 69.9 104.9

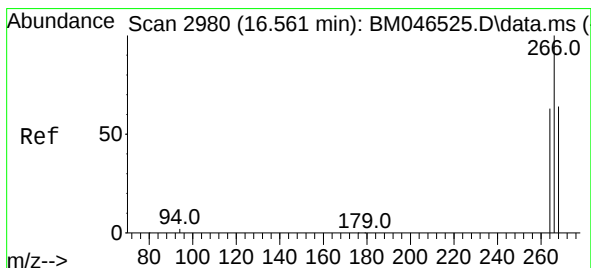
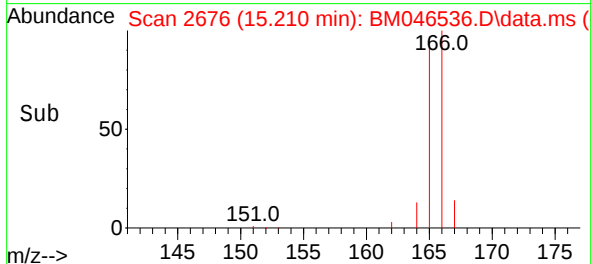
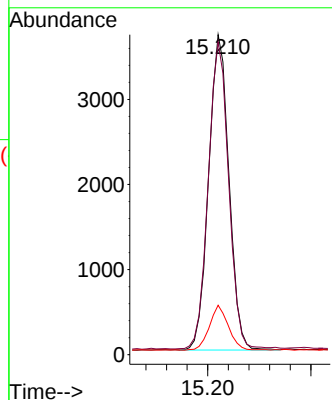
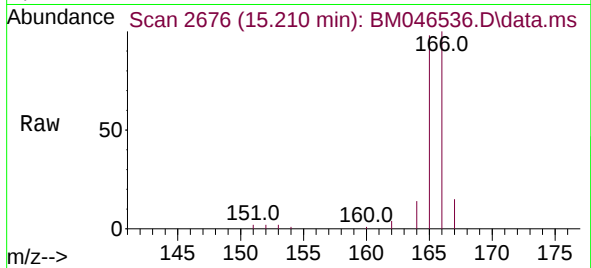




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.210 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

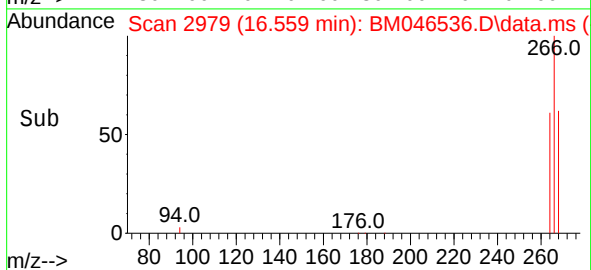
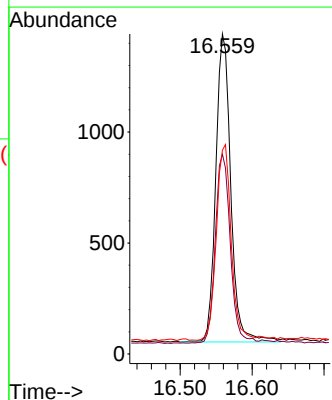
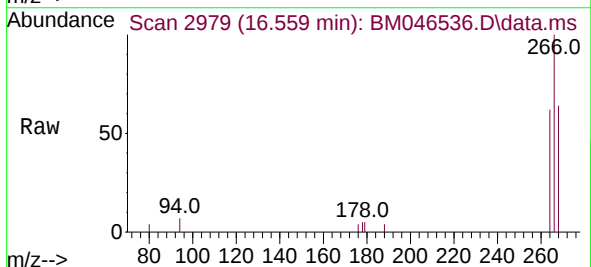
Instrument :
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ClientSampleId :
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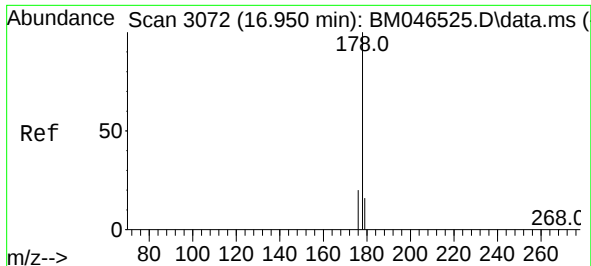
Tgt Ion:166 Resp: 5064
Ion Ratio Lower Upper
166 100
165 97.6 76.1 114.1
167 15.4 12.5 18.7



#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.559 min Scan# 2979
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

Tgt Ion:266 Resp: 2011
Ion Ratio Lower Upper
266 100
264 61.1 50.1 75.1
268 62.7 52.5 78.7

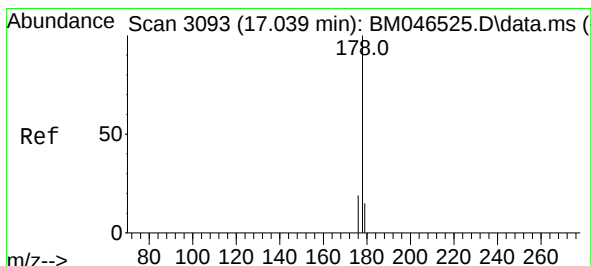
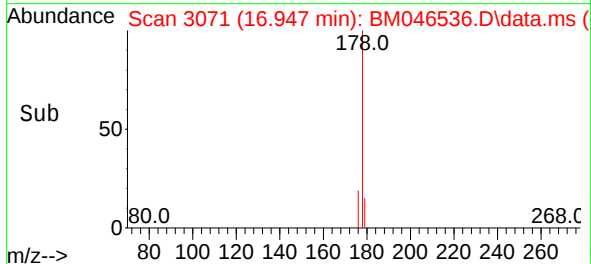
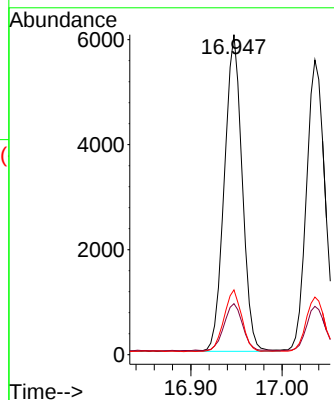
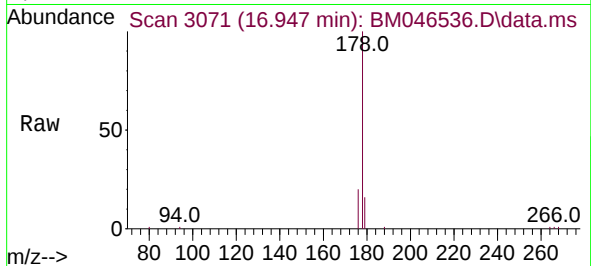




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

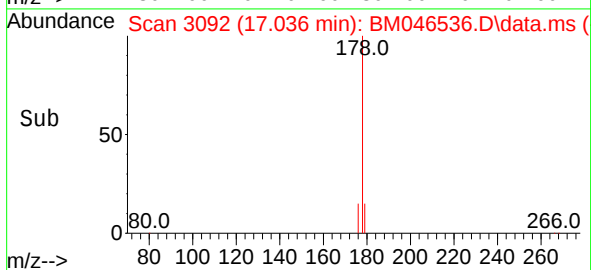
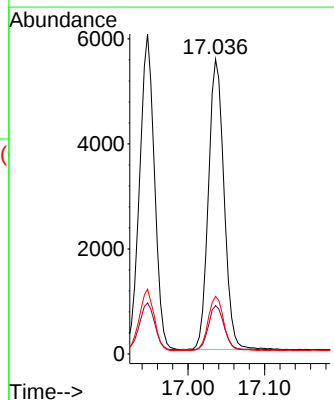
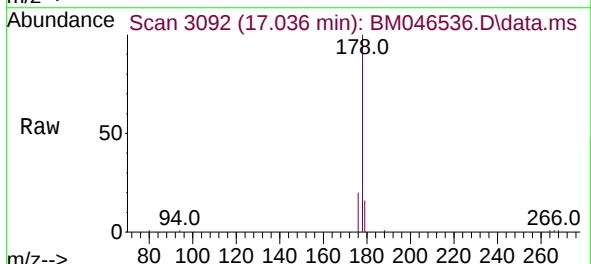
Instrument :
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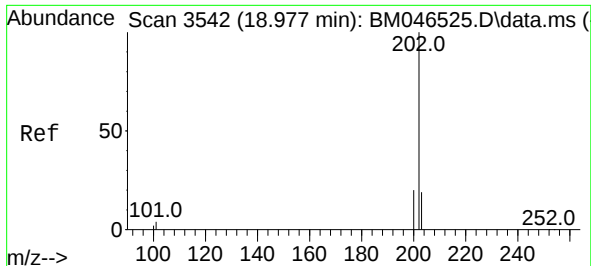
Tgt Ion:178 Resp: 8146
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

Tgt Ion:178 Resp: 7806
Ion Ratio Lower Upper
178 100
179 16.4 13.5 20.3
176 19.6 15.7 23.5





#19

Fluoranthene

Concen: 0.319 ng/ul

RT: 18.974 min Scan# 3541

Delta R.T. -0.003 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

Instrument :

BNA_M

ClientSampleId :

SLCS755

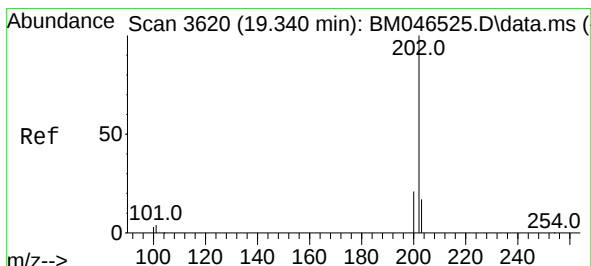
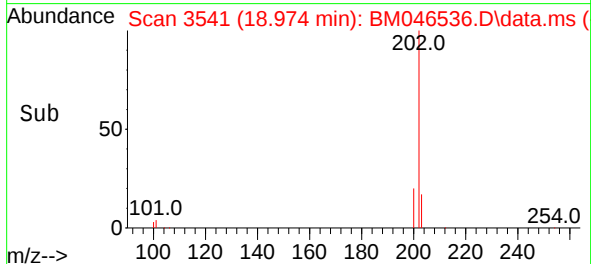
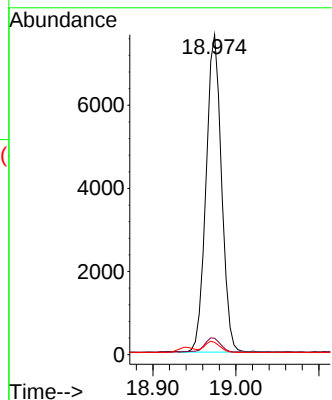
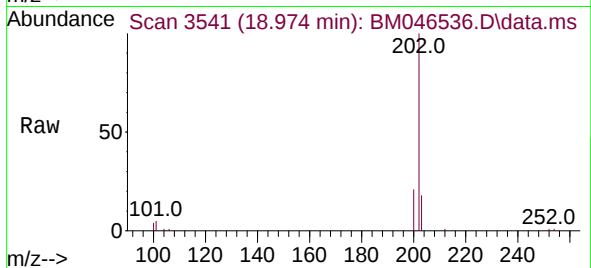
Tgt Ion:202 Resp: 9902

Ion Ratio Lower Upper

202 100

101 5.2 4.6 6.8

100 3.9 3.0 4.6



#20

Pyrene

Concen: 0.305 ng/ul

RT: 19.337 min Scan# 3619

Delta R.T. -0.003 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

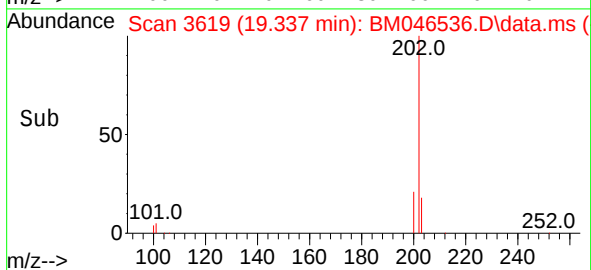
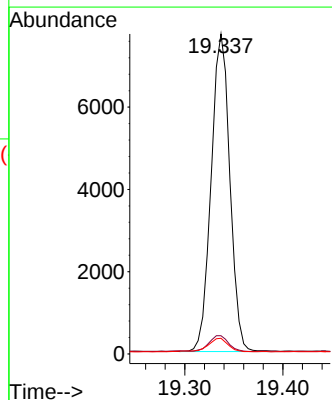
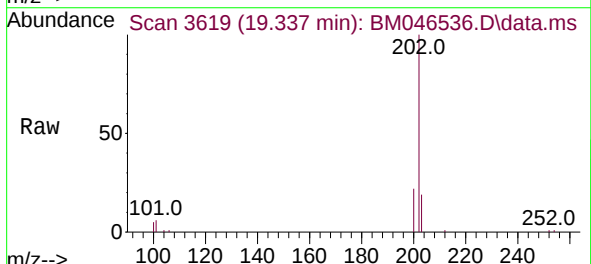
Tgt Ion:202 Resp: 10269

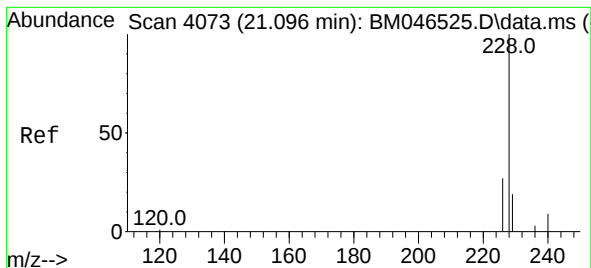
Ion Ratio Lower Upper

202 100

101 5.7 5.1 7.7

100 4.9 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.290 ng/ul

RT: 21.093 min Scan# 4073

Delta R.T. -0.003 min

Lab File: BM046536.D

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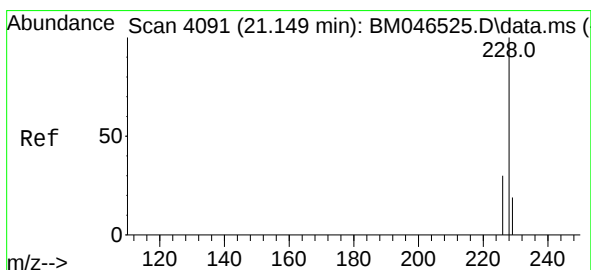
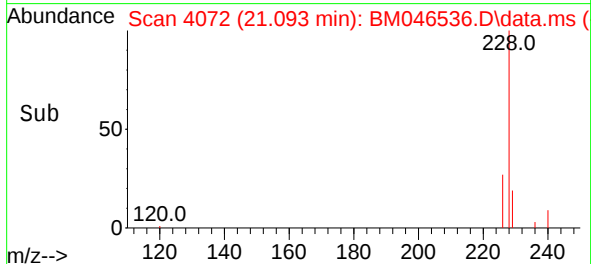
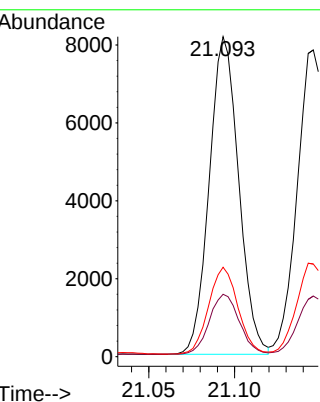
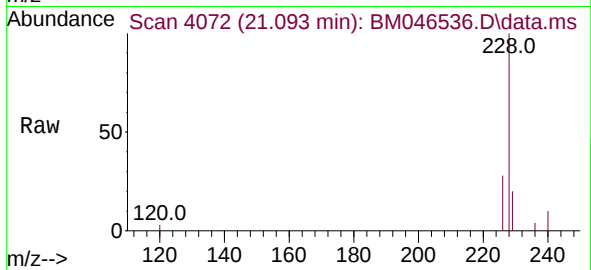
Tgt Ion:228 Resp: 9707

Ion Ratio Lower Upper

228 100

229 19.5 16.5 24.7

226 28.0 22.5 33.7



#22

Chrysene

Concen: 0.296 ng/ul

RT: 21.146 min Scan# 4090

Delta R.T. -0.003 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

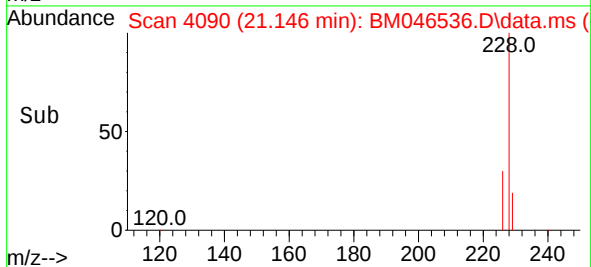
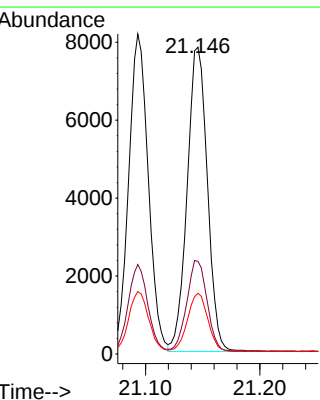
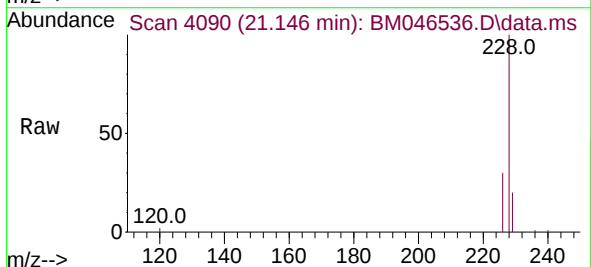
Tgt Ion:228 Resp: 9587

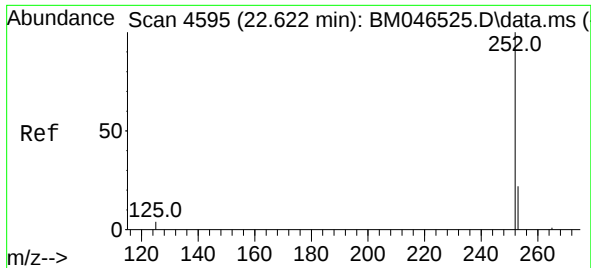
Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.7 16.4 24.6

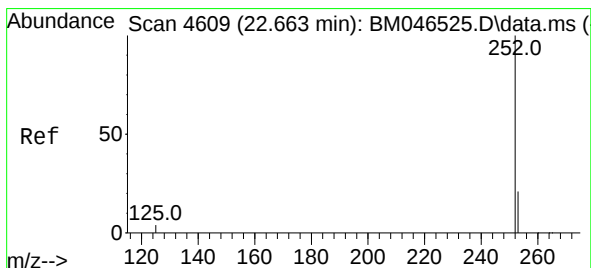
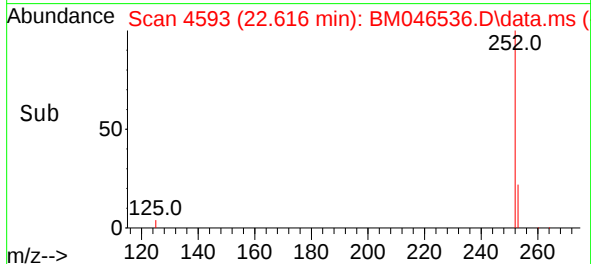
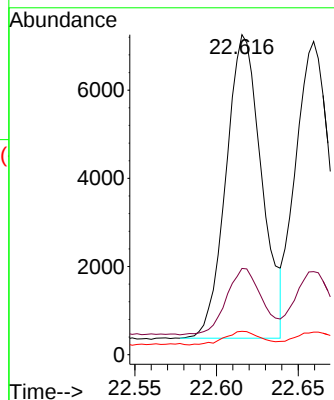
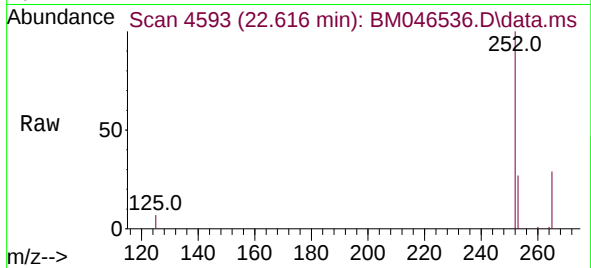




#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

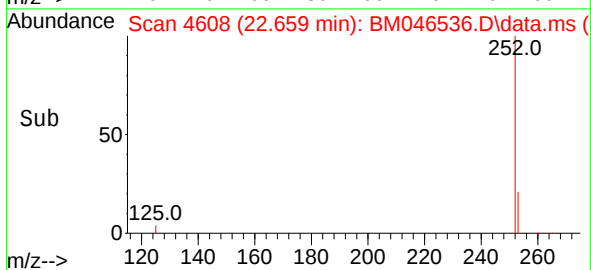
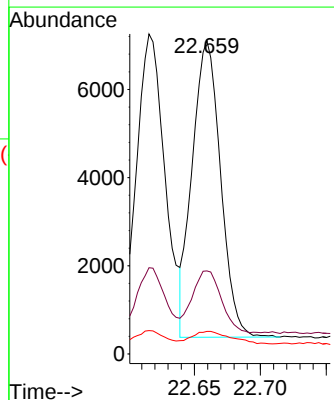
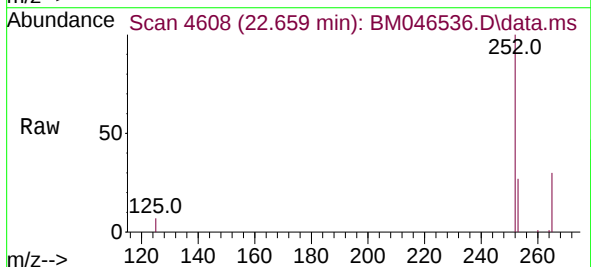
Instrument :
BNA_M
ClientSampleId :
SLCS755

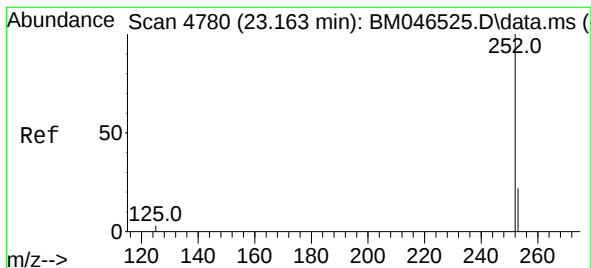
Tgt Ion:252 Resp: 10433
Ion Ratio Lower Upper
252 100
253 27.0 0.0 56.2
125 7.3 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046536.D
Acq: 12 Jul 2024 03:05

Tgt Ion:252 Resp: 10040
Ion Ratio Lower Upper
252 100
253 26.5 22.4 33.6
125 7.2 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.322 ng/ul

RT: 23.159 min Scan# 4779

Delta R.T. -0.003 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

Instrument :

BNA_M

ClientSampleId :

SLCS755

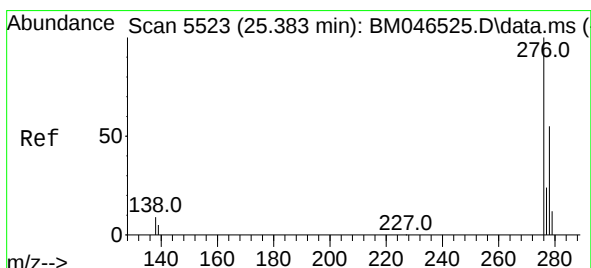
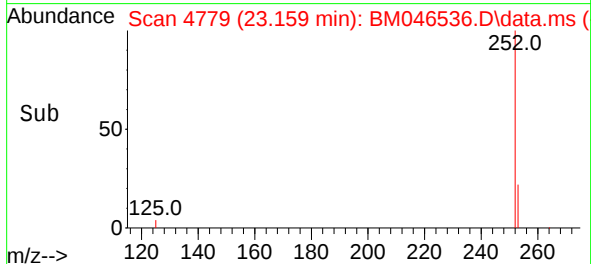
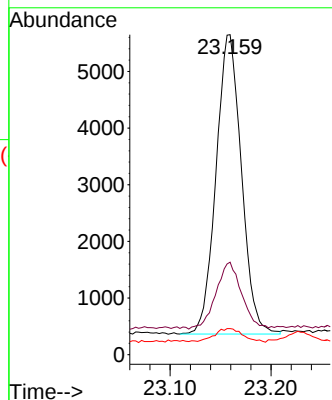
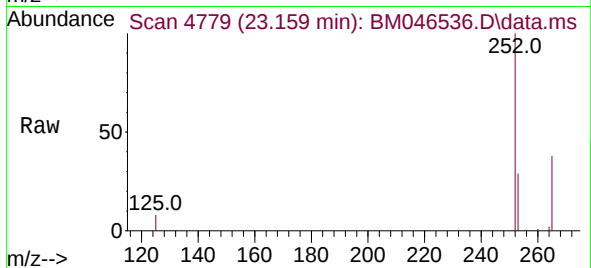
Tgt Ion:252 Resp: 9224

Ion Ratio Lower Upper

252 100

253 28.9 24.0 36.0

125 8.2 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.289 ng/ul

RT: 25.373 min Scan# 5520

Delta R.T. -0.010 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

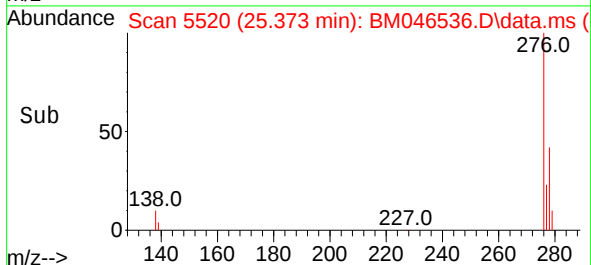
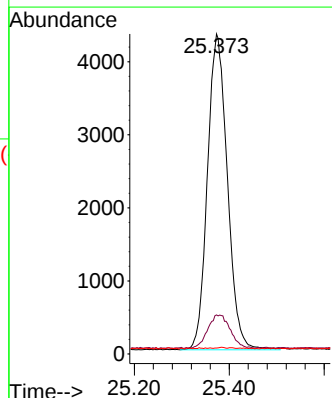
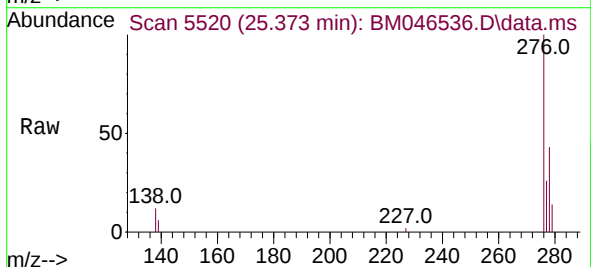
Tgt Ion:276 Resp: 12568

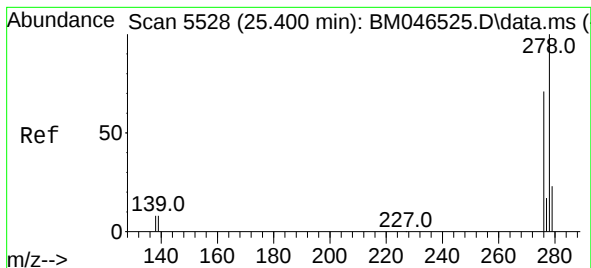
Ion Ratio Lower Upper

276 100

138 11.7 0.0 0.0#

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.286 ng/ul

RT: 25.393 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

Instrument :

BNA_M

ClientSampleId :

SLCS755

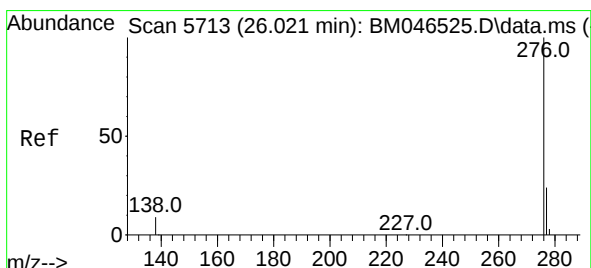
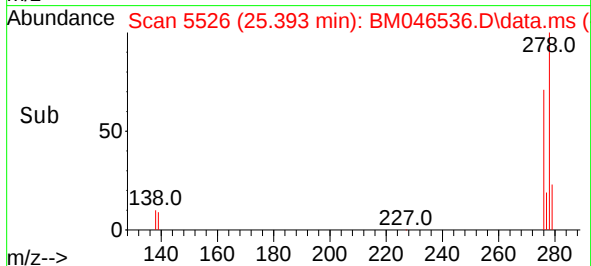
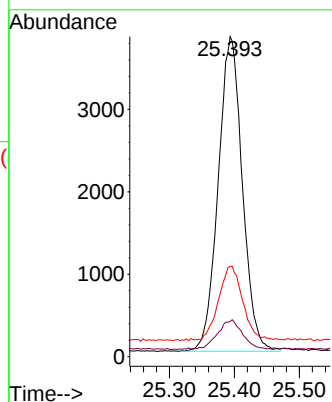
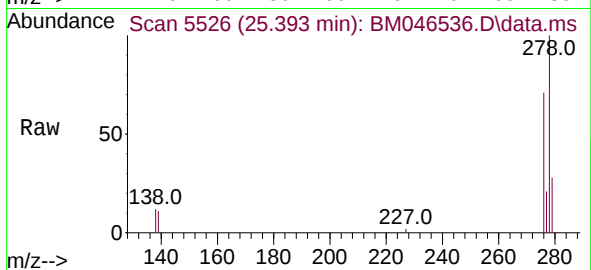
Tgt Ion:278 Resp: 9861

Ion Ratio Lower Upper

278 100

139 11.0 9.1 13.7

279 28.3 23.2 34.8



#29

Benzo(g,h,i)perylene

Concen: 0.286 ng/ul

RT: 26.017 min Scan# 5712

Delta R.T. -0.004 min

Lab File: BM046536.D

Acq: 12 Jul 2024 03:05

Tgt Ion:276 Resp: 9926

Ion Ratio Lower Upper

276 100

138 12.1 10.2 15.4

277 26.2 20.9 31.3

