

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046307.D
 Acq On : 26 Jun 2024 00:37
 Operator : MA/JU
 Sample : PB161514BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS514

Quant Time: Jun 26 01:41:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

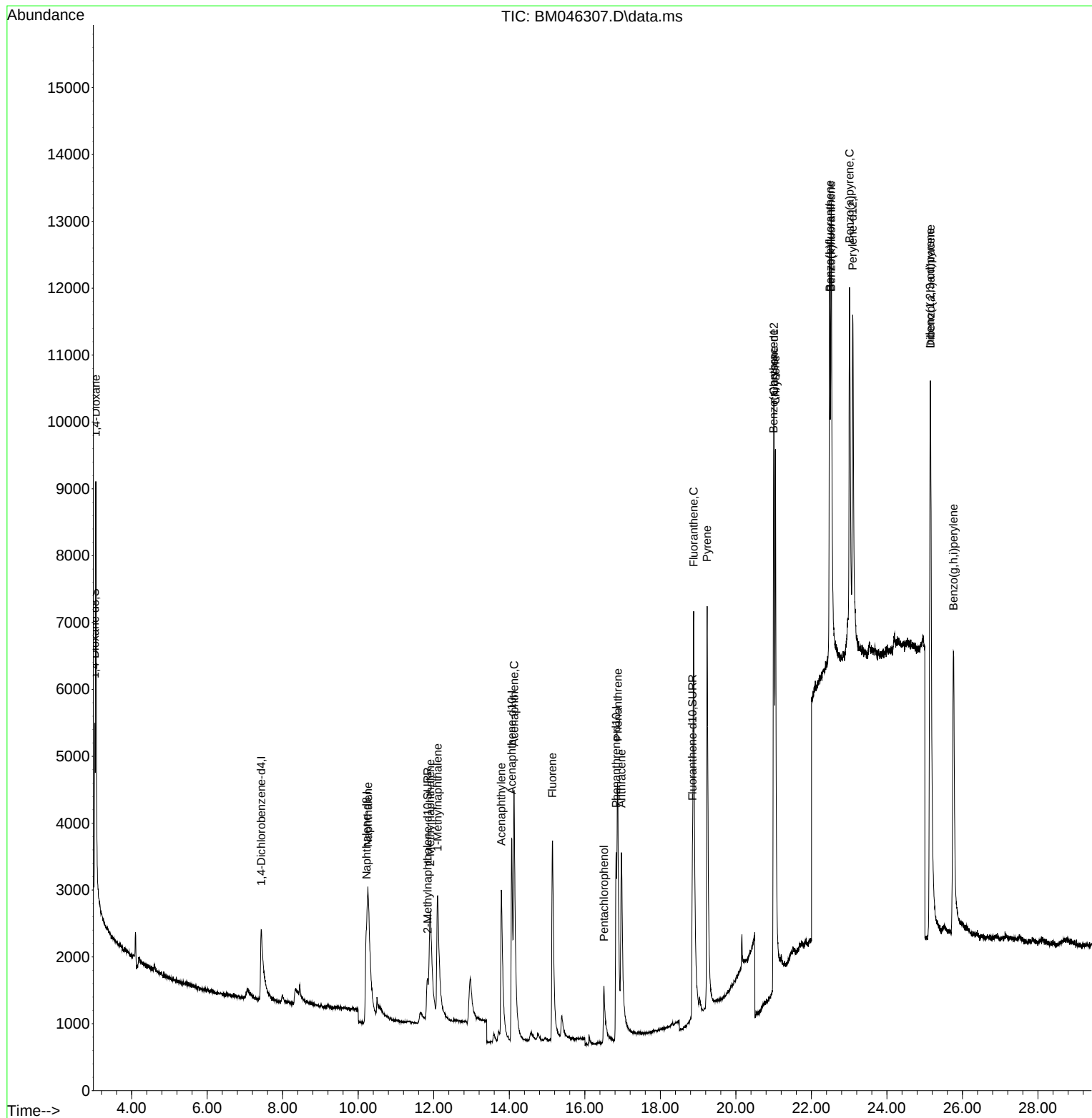
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	1988	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.222	136	6370	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.067	164	3649	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.829	188	7229	0.400	ng/ul	-0.03
17) Chrysene-d12	21.012	240	6096	0.400	ng/ul	#-0.01
23) Perylene-d12	23.095	264	7930	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1596	0.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	2823	0.330	ng/ul	-0.03
18) Fluoranthene-d10	18.849	212	5936	0.325	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.050	88	3995	1.306	ng/ul#	88
5) Naphthalene	10.260	128	5722	0.322	ng/ul#	91
7) 2-Methylnaphthalene	11.905	142	3202	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.103	142	3297	0.301	ng/ul	100
10) Acenaphthylene	13.790	152	6354	0.367	ng/ul	97
11) Acenaphthene	14.128	153	4247	0.340	ng/ul	98
12) Fluorene	15.141	166	4539	0.339	ng/ul	99
14) Pentachlorophenol	16.508	266	1460	0.674	ng/ul	99
15) Phenanthrene	16.871	178	6603	0.325	ng/ul	96
16) Anthracene	16.968	178	5359	0.354	ng/ul	99
19) Fluoranthene	18.882	202	9412	0.357	ng/ul	98
20) Pyrene	19.239	202	9800	0.343	ng/ul	99
21) Benzo(a)anthracene	20.997	228	8233	0.350	ng/ul	93
22) Chrysene	21.050	228	10101	0.336	ng/ul	94
24) Benzo(b)fluoranthene	22.484	252	9386	0.329	ng/ul	85
25) Benzo(k)fluoranthene	22.525	252	11668	0.344	ng/ul#	88
26) Benzo(a)pyrene	23.010	252	9833	0.371	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.145	276	12296	0.284	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.155	278	9976	0.309	ng/ul#	87
29) Benzo(g,h,i)perylene	25.766	276	10709	0.288	ng/ul	91

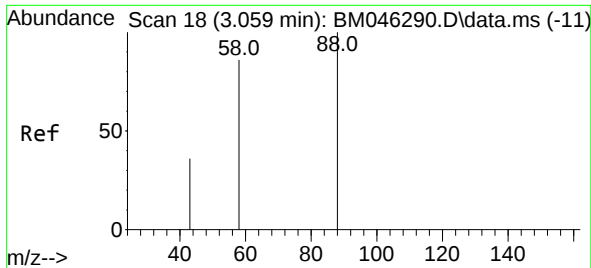
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046307.D
Acq On : 26 Jun 2024 00:37
Operator : MA/JU
Sample : PB161514BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS514

Quant Time: Jun 26 01:41:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

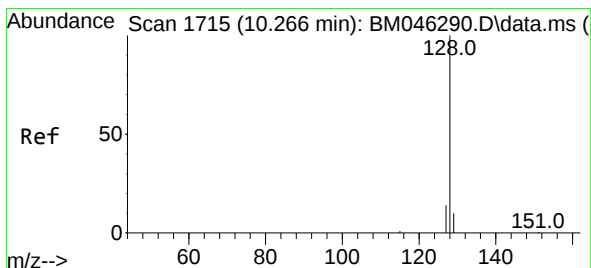
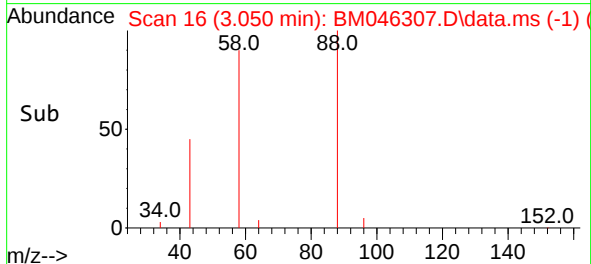
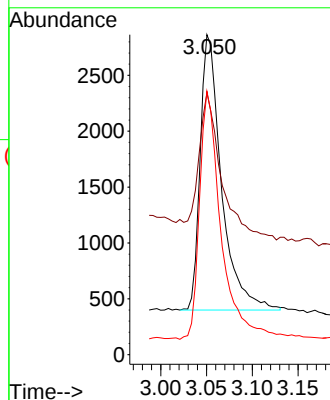
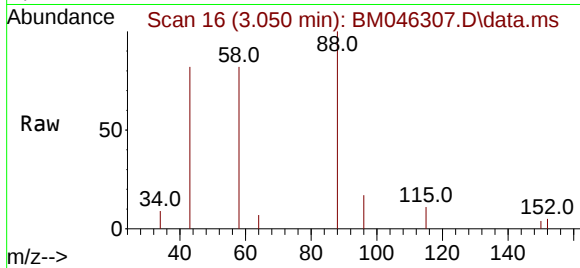




#2
1,4-Dioxane
Concen: 1.306 ng/ul
RT: 3.050 min Scan# 1
Delta R.T. -0.008 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

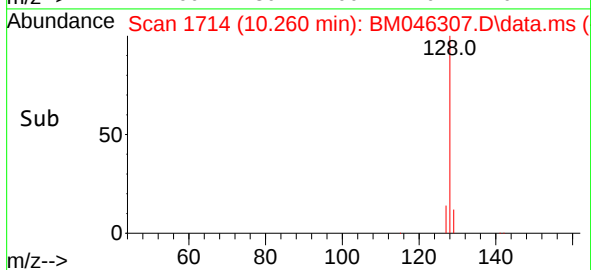
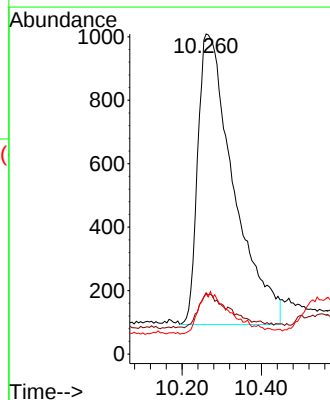
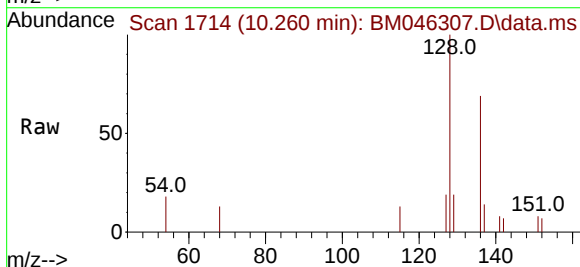
Instrument :
BNA_M
ClientSampleId :
SLCS514

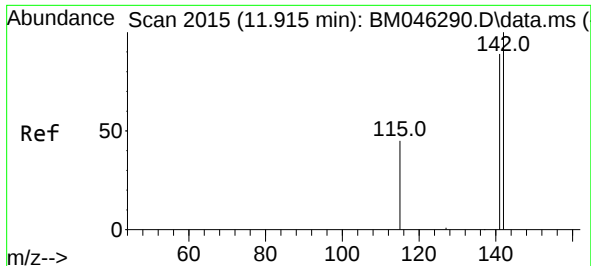
Tgt Ion: 88 Resp: 3995
Ion Ratio Lower Upper
88 100
43 81.9 69.8 104.8
58 82.3 53.2 79.8#



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Tgt Ion: 128 Resp: 5722
Ion Ratio Lower Upper
128 100
129 19.1 11.8 17.6#
127 18.8 12.8 19.2

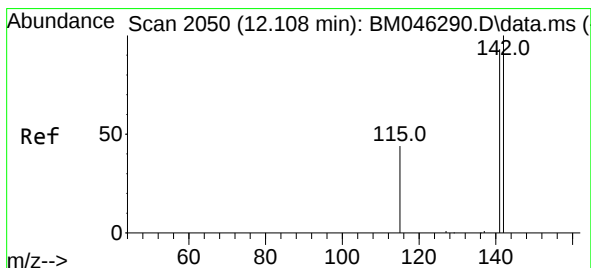
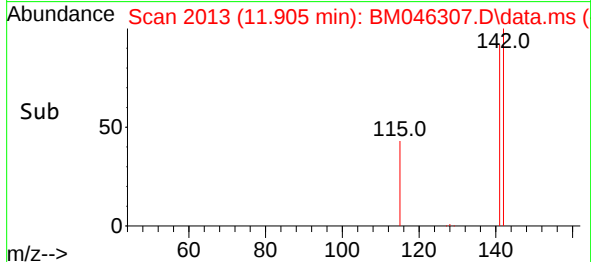
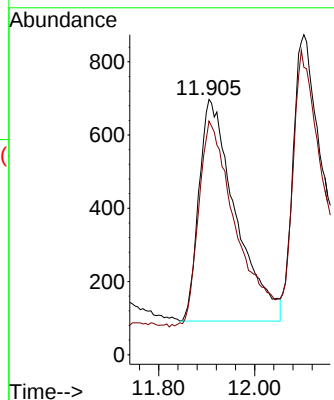
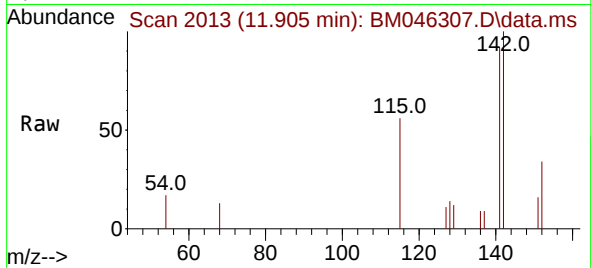




#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 11.905 min Scan# 2013
Delta R.T. -0.049 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

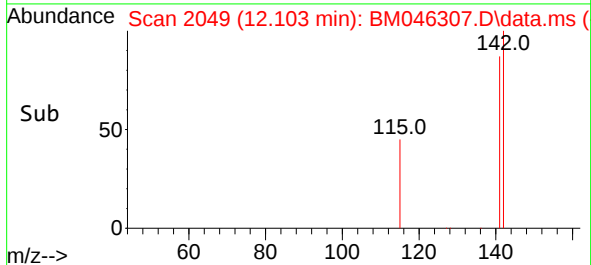
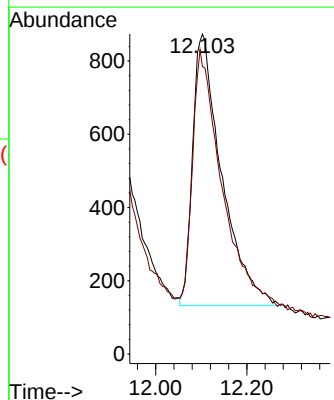
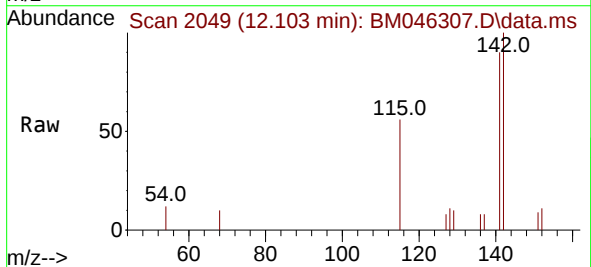
Instrument :
BNA_M
ClientSampleId :
SLCS514

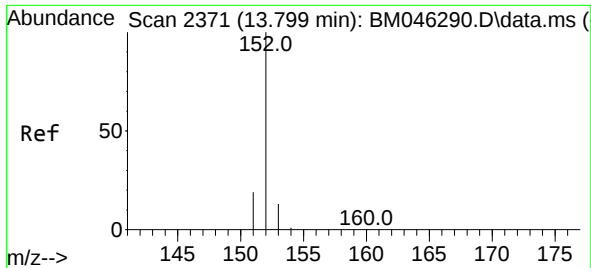
Tgt Ion:142 Resp: 3202
Ion Ratio Lower Upper
142 100
141 94.2 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.103 min Scan# 2049
Delta R.T. -0.033 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Tgt Ion:142 Resp: 3297
Ion Ratio Lower Upper
142 100
141 94.1 75.2 112.8

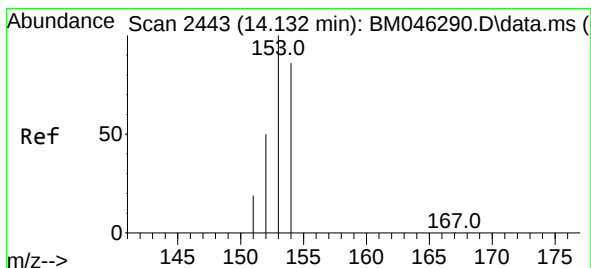
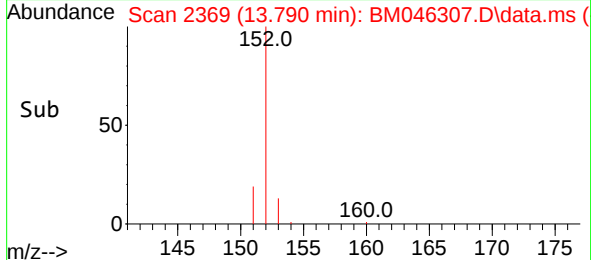
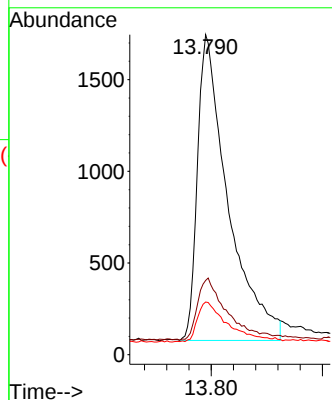
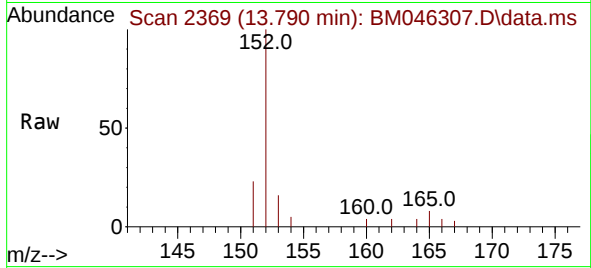




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 13.790 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

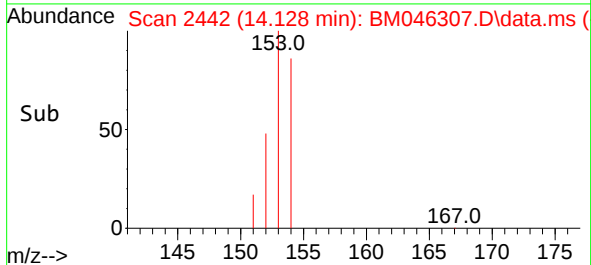
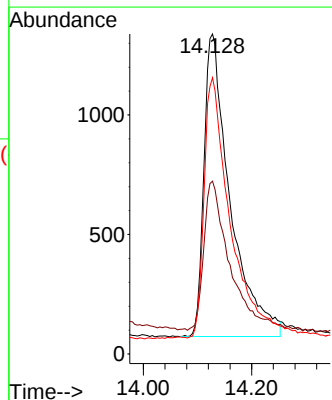
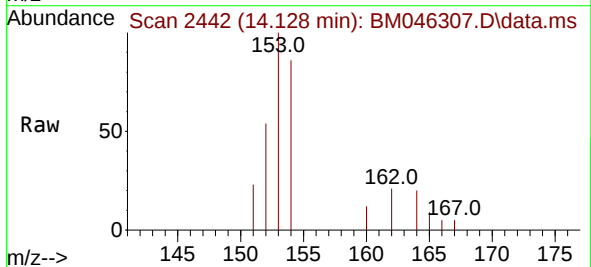
Instrument :
BNA_M
ClientSampleId :
SLCS514

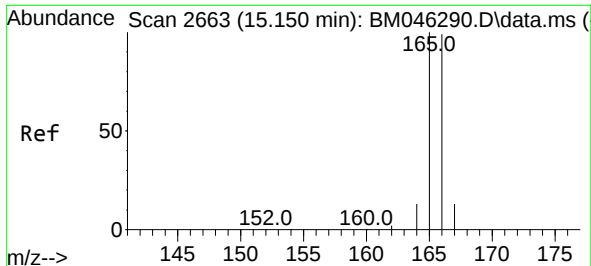
Tgt Ion:152 Resp: 6354
Ion Ratio Lower Upper
152 100
151 23.2 17.4 26.2
153 16.4 11.8 17.8



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.128 min Scan# 2442
Delta R.T. -0.018 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Tgt Ion:153 Resp: 4247
Ion Ratio Lower Upper
153 100
152 54.0 41.3 61.9
154 86.3 68.2 102.4

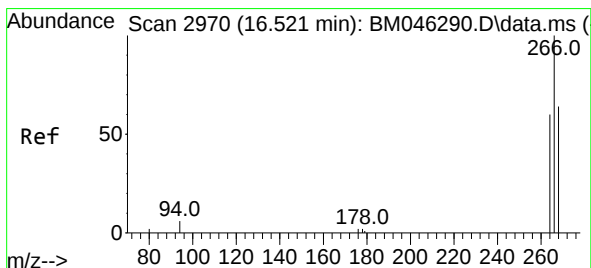
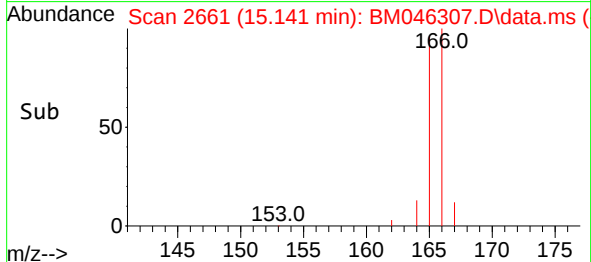
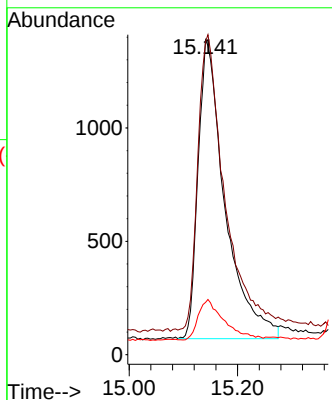
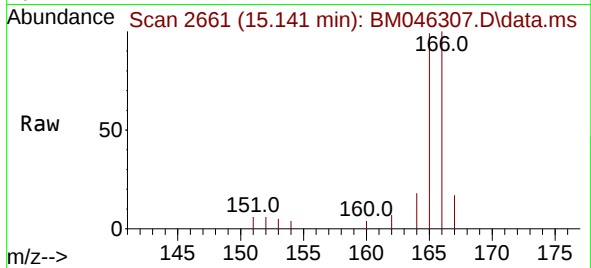




#12
 Fluorene
 Concen: 0.339 ng/ul
 RT: 15.141 min Scan# 2
 Delta R.T. -0.028 min
 Lab File: BM046307.D
 Acq: 26 Jun 2024 00:37

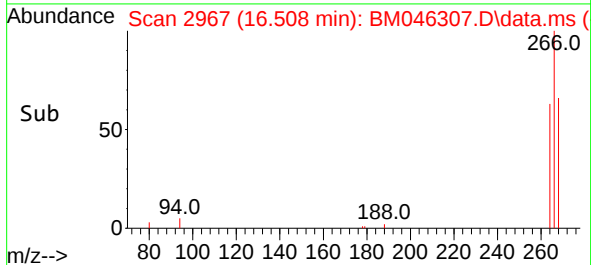
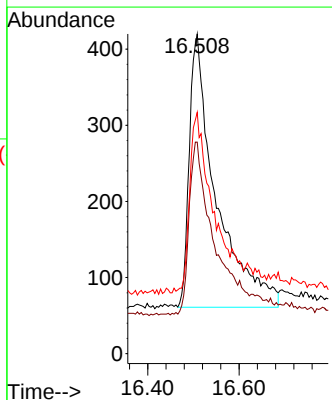
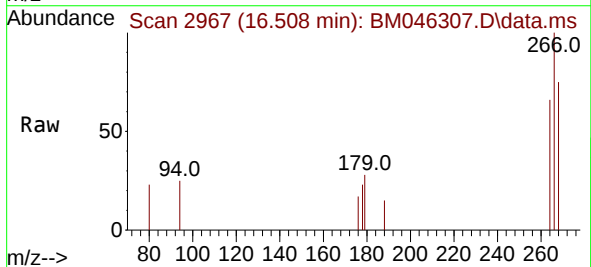
Instrument :
 BNA_M
 ClientSampleId :
 SLCS514

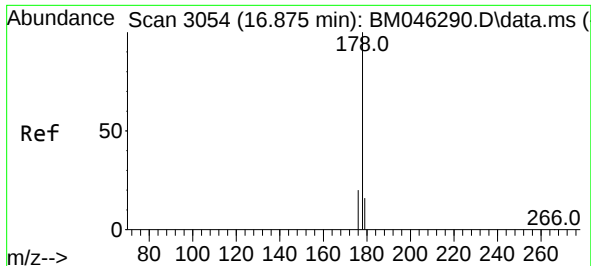
Tgt Ion:166 Resp: 4539
 Ion Ratio Lower Upper
 166 100
 165 99.5 80.4 120.6
 167 16.6 12.4 18.6



#14
 Pentachlorophenol
 Concen: 0.674 ng/ul
 RT: 16.508 min Scan# 2967
 Delta R.T. -0.025 min
 Lab File: BM046307.D
 Acq: 26 Jun 2024 00:37

Tgt Ion:266 Resp: 1460
 Ion Ratio Lower Upper
 266 100
 264 63.8 50.9 76.3
 268 67.3 52.3 78.5

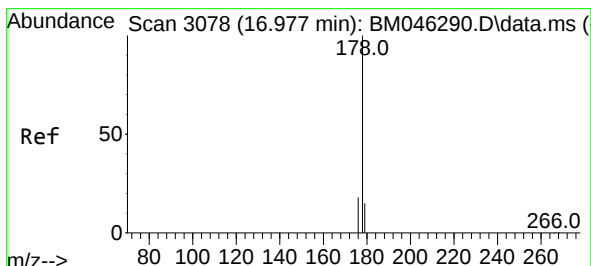
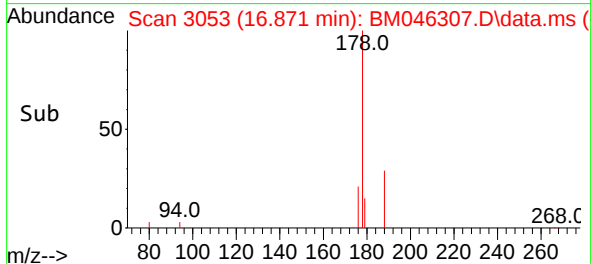
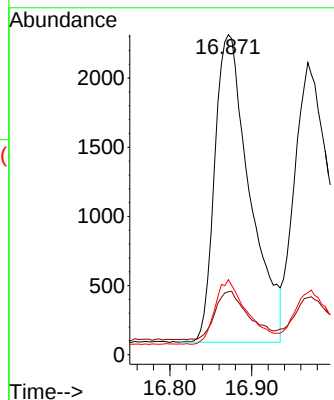
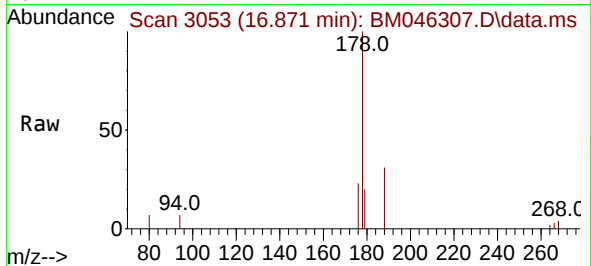




#15
Phenanthrene
Concen: 0.325 ng/ul
RT: 16.871 min Scan# 3054
Delta R.T. -0.017 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

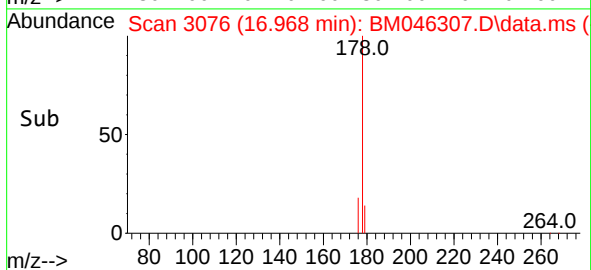
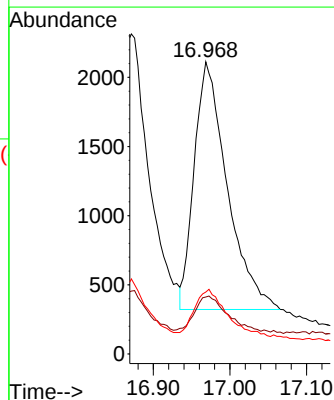
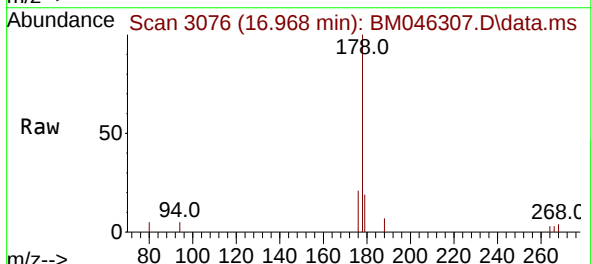
Instrument :
BNA_M
ClientSampleId :
SLCS514

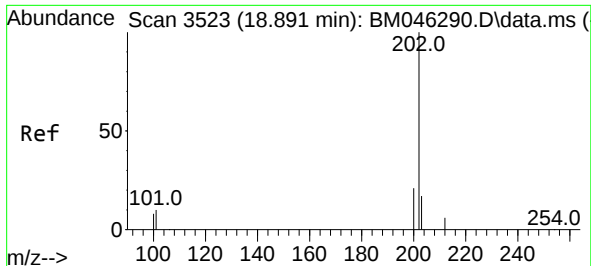
Tgt Ion:178 Resp: 6603
Ion Ratio Lower Upper
178 100
179 19.7 14.2 21.2
176 23.5 17.1 25.7



#16
Anthracene
Concen: 0.354 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.038 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Tgt Ion:178 Resp: 5359
Ion Ratio Lower Upper
178 100
179 19.5 14.9 22.3
176 21.2 17.0 25.4

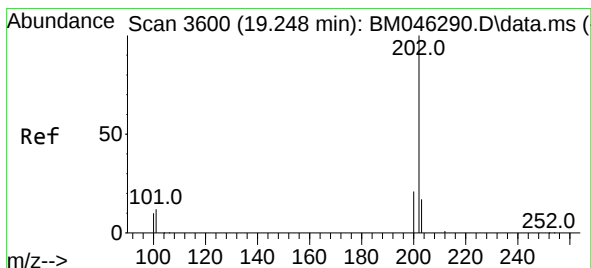
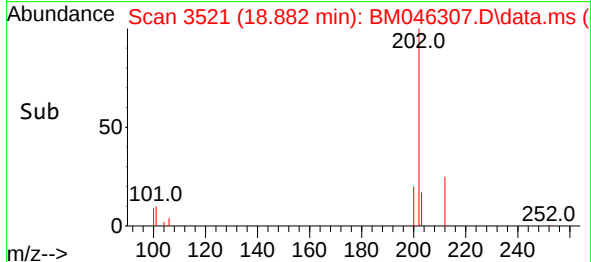
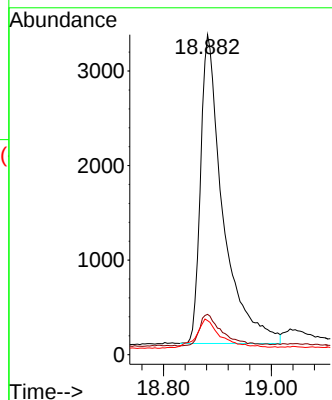
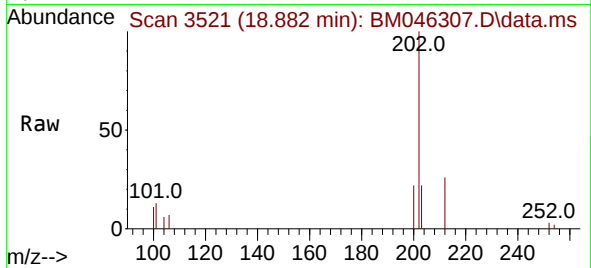




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 18.882 min Scan# 3521
Delta R.T. -0.023 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

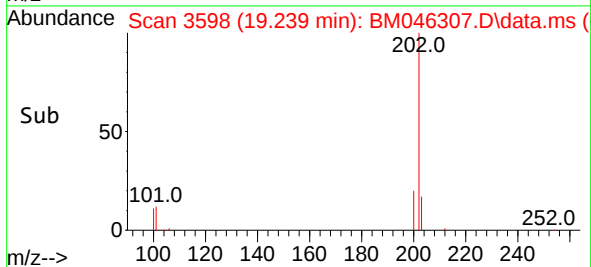
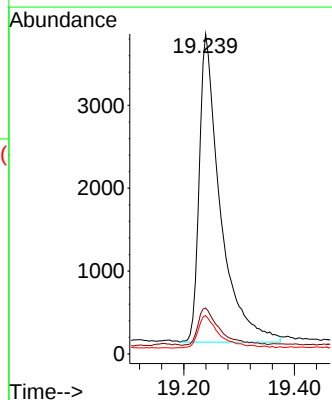
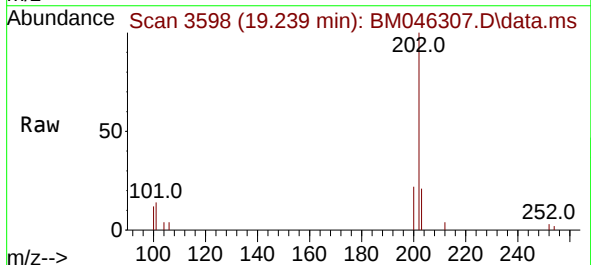
Instrument :
BNA_M
ClientSampleId :
SLCS514

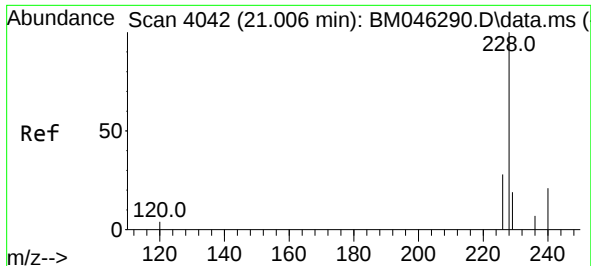
Tgt Ion:202 Resp: 9412
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 10.6 7.6 11.4



#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.018 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

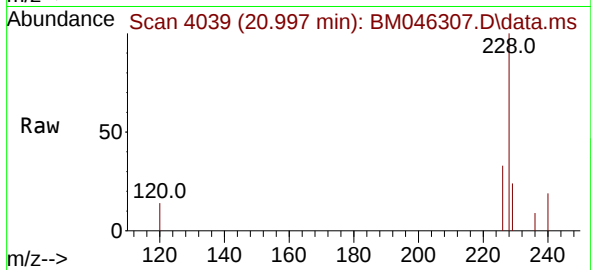
Tgt Ion:202 Resp: 9800
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 12.0 9.8 14.6



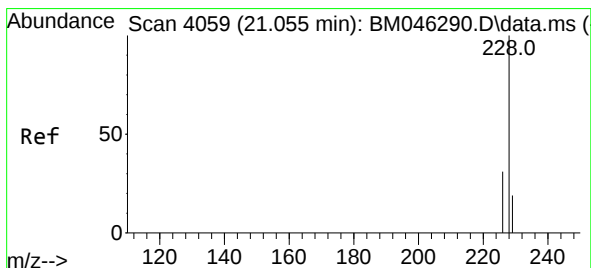
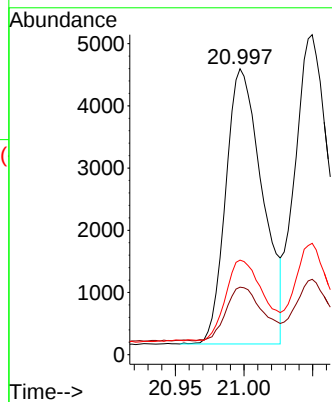
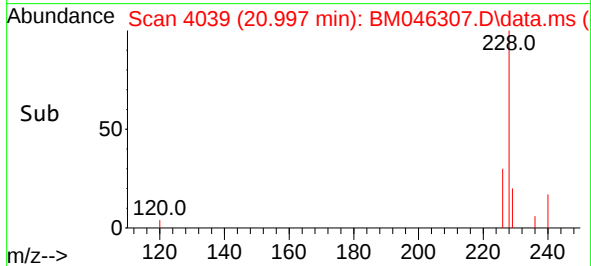


#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.014 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Instrument :
BNA_M
ClientSampleId :
SLCS514

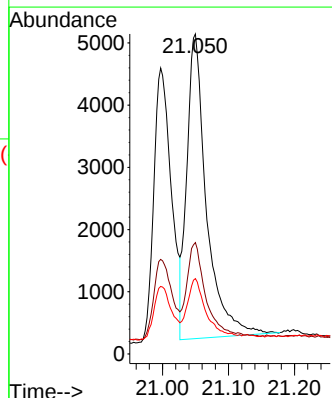
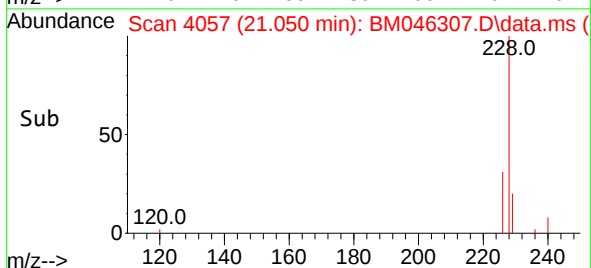
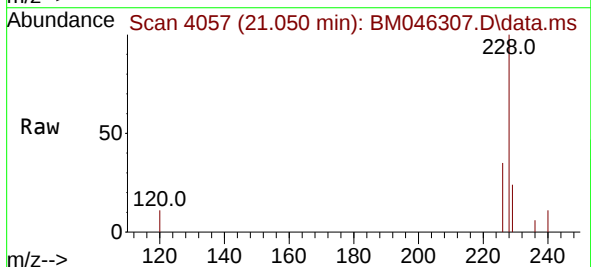


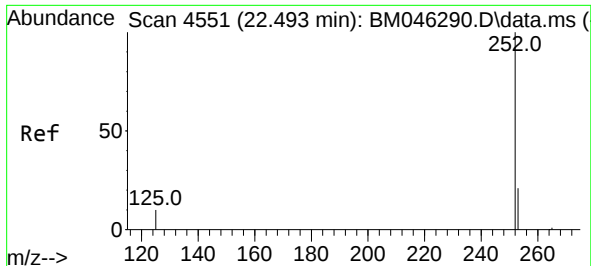
Tgt Ion:228 Resp: 8233
Ion Ratio Lower Upper
228 100
229 23.6 16.4 24.6
226 33.1 23.4 35.2



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.050 min Scan# 4057
Delta R.T. -0.009 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Tgt Ion:228 Resp: 10101
Ion Ratio Lower Upper
228 100
226 34.8 25.2 37.8
229 23.6 16.3 24.5

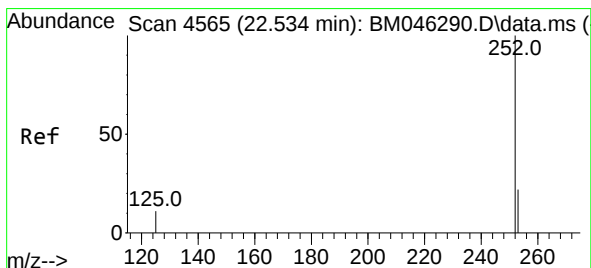
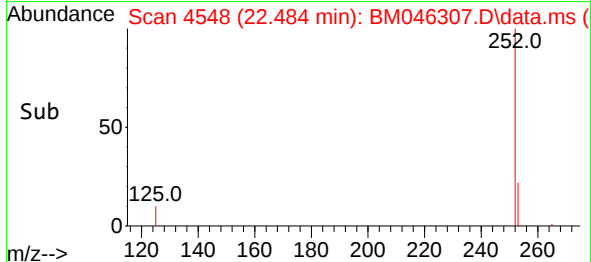
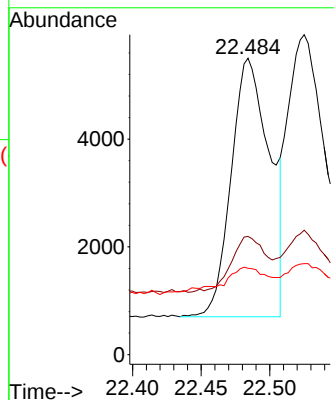
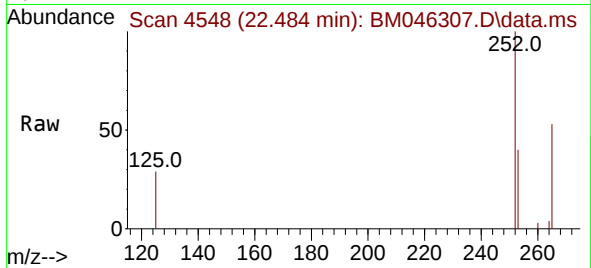




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 22.484 min Scan# 4548
Delta R.T. -0.011 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

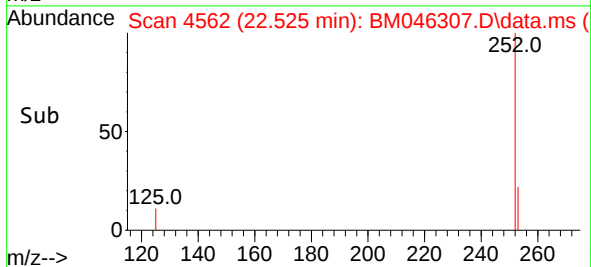
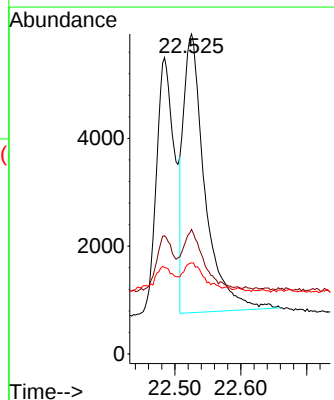
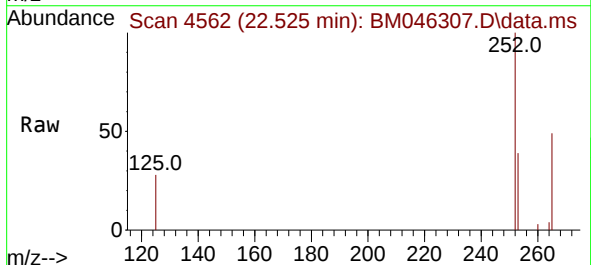
Instrument :
BNA_M
ClientSampleId :
SLCS514

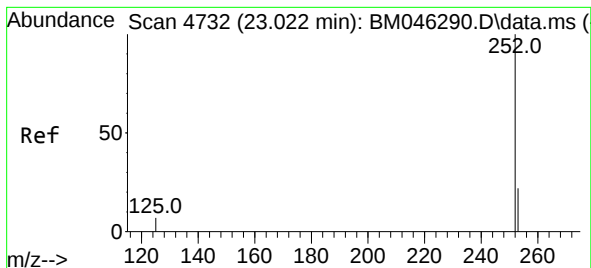
Tgt Ion:252 Resp: 9386
Ion Ratio Lower Upper
252 100
253 39.9 0.0 65.8
125 29.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 22.525 min Scan# 4562
Delta R.T. -0.011 min
Lab File: BM046307.D
Acq: 26 Jun 2024 00:37

Tgt Ion:252 Resp: 11668
Ion Ratio Lower Upper
252 100
253 38.9 27.2 40.8
125 28.4 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.371 ng/ul

RT: 23.010 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM046307.D

Acq: 26 Jun 2024 00:37

Instrument :

BNA_M

ClientSampleId :

SLCS514

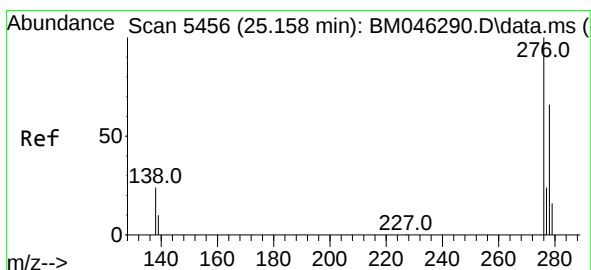
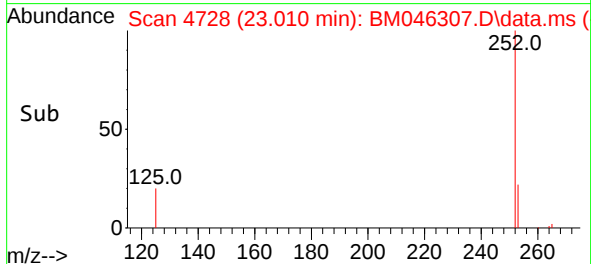
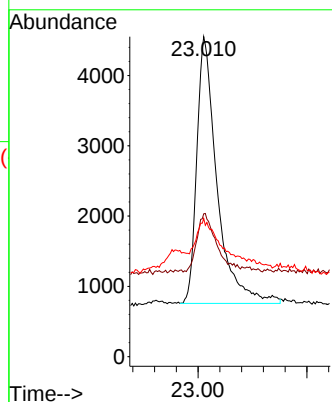
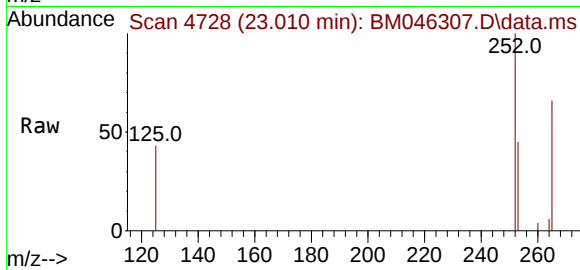
Tgt Ion:252 Resp: 9833

Ion Ratio Lower Upper

252 100

253 44.7 32.1 48.1

125 43.2 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.284 ng/ul

RT: 25.145 min Scan# 5452

Delta R.T. -0.023 min

Lab File: BM046307.D

Acq: 26 Jun 2024 00:37

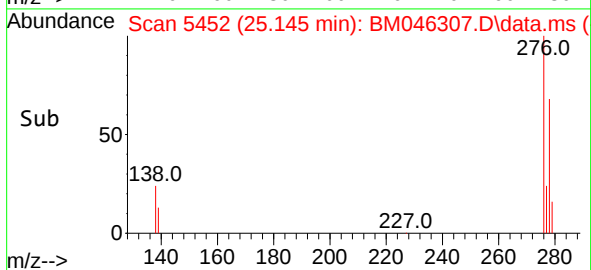
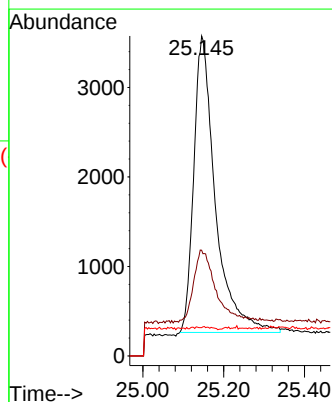
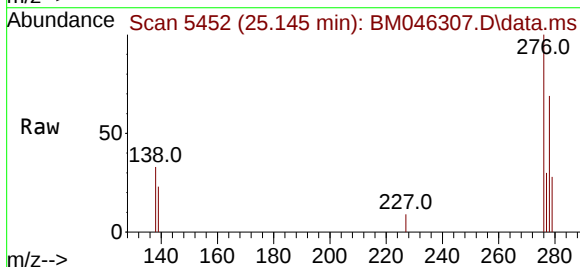
Tgt Ion:276 Resp: 12296

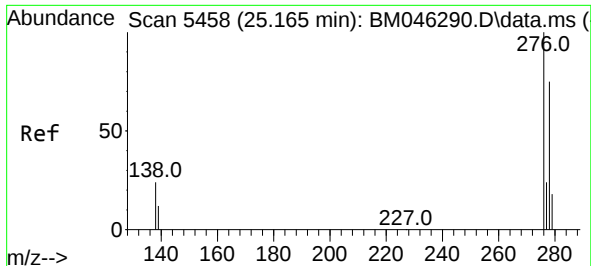
Ion Ratio Lower Upper

276 100

138 22.4 21.0 31.4

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.309 ng/ul

RT: 25.155 min Scan# 54

Delta R.T. -0.027 min

Lab File: BM046307.D

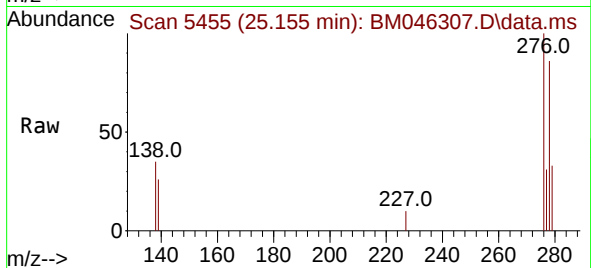
Acq: 26 Jun 2024 00:37

Instrument :

BNA_M

ClientSampleId :

SLCS514



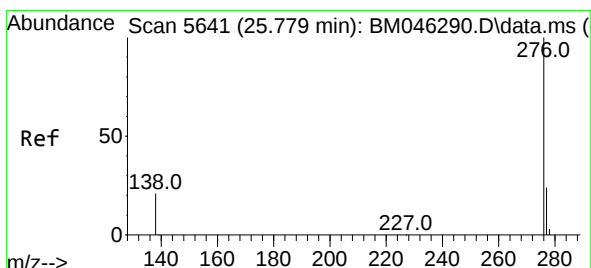
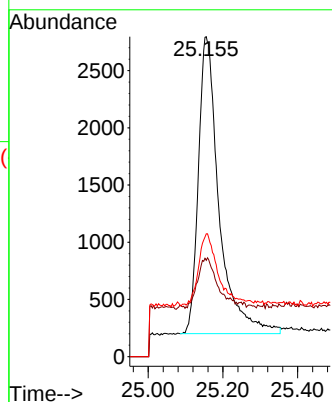
Tgt Ion:278 Resp: 9976

Ion Ratio Lower Upper

278 100

139 30.1 17.6 26.4#

279 38.4 26.3 39.5



#29

Benzo(g,h,i)perylene

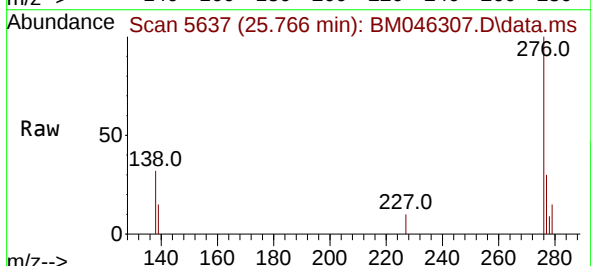
Concen: 0.288 ng/ul

RT: 25.766 min Scan# 5637

Delta R.T. -0.020 min

Lab File: BM046307.D

Acq: 26 Jun 2024 00:37



Tgt Ion:276 Resp: 10709

Ion Ratio Lower Upper

276 100

138 32.1 21.7 32.5

277 29.9 20.4 30.6

