

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045101.D
 Acq On : 10 Apr 2024 16:10
 Operator : MA/JU
 Sample : PB160104BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS104

Quant Time: Apr 10 17:08:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

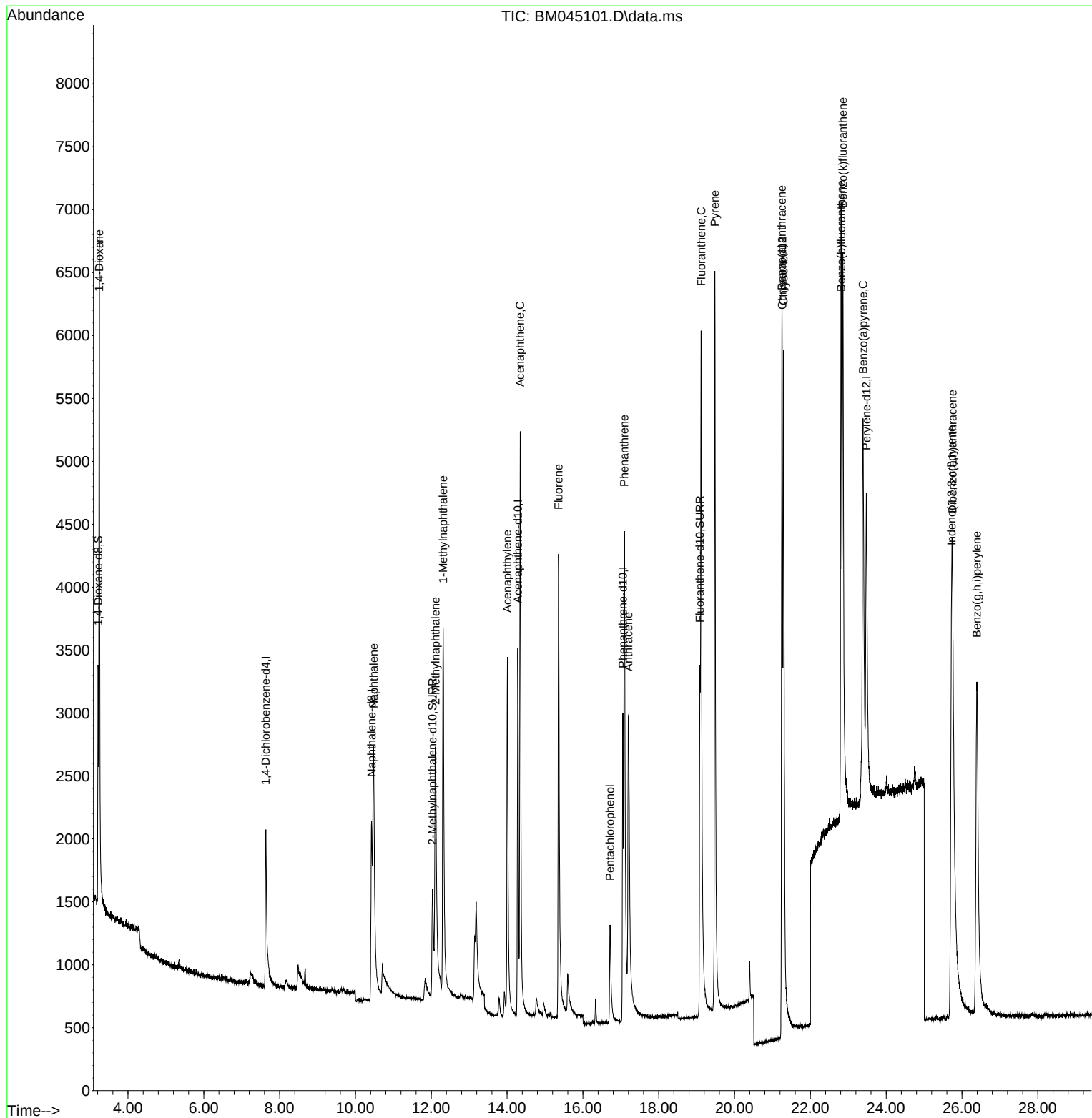
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	3916	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.284	164	2143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	4814	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	3355	0.400	ng/ul #	0.00
23) Perylene-d12	23.479	264	4106	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1480	0.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	2361	0.445	ng/ul	0.00
18) Fluoranthene-d10	19.085	212	4801	0.566	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	3703	2.418	ng/ul#	80
5) Naphthalene	10.479	128	4791	0.461	ng/ul	98
7) 2-Methylnaphthalene	12.112	142	2857	0.460	ng/ul	98
8) 1-Methylnaphthalene	12.310	142	3023	0.446	ng/ul	97
10) Acenaphthylene	14.006	152	4919	0.460	ng/ul	98
11) Acenaphthene	14.344	153	3602	0.471	ng/ul	99
12) Fluorene	15.357	166	3890	0.453	ng/ul	98
14) Pentachlorophenol	16.714	266	1004	0.889	ng/ul	95
15) Phenanthrene	17.094	178	5927	0.437	ng/ul	99
16) Anthracene	17.199	178	5943	0.445	ng/ul	98
19) Fluoranthene	19.117	202	7054	0.588	ng/ul	98
20) Pyrene	19.480	202	7410	0.585	ng/ul	98
21) Benzo(a)anthracene	21.249	228	5116	0.438	ng/ul	98
22) Chrysene	21.293	228	7507	0.515	ng/ul	100
24) Benzo(b)fluoranthene	22.809	252	7012	0.473	ng/ul	98
25) Benzo(k)fluoranthene	22.856	252	8487	0.511	ng/ul	96
26) Benzo(a)pyrene	23.388	252	6907	0.488	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.722	276	9116	0.470	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.746	278	6912	0.450	ng/ul#	90
29) Benzo(g,h,i)perylene	26.390	276	8334	0.498	ng/ul	95

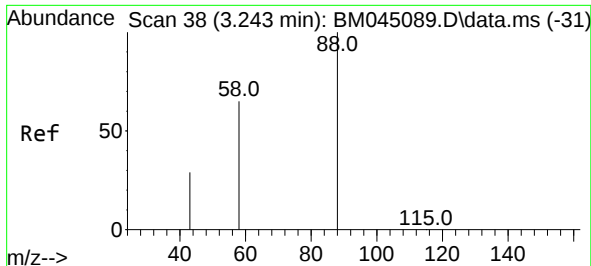
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
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Misc :
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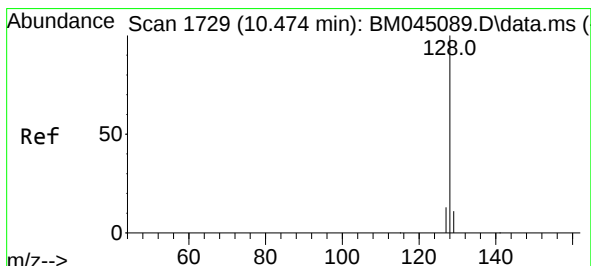
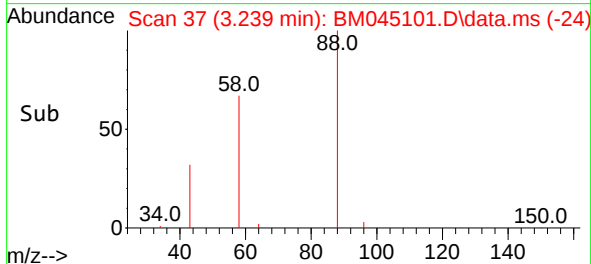
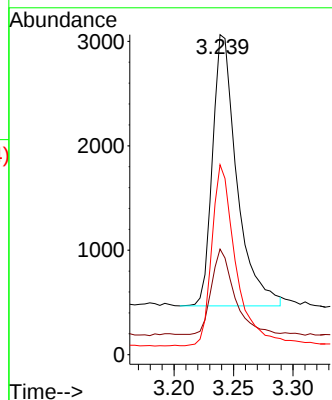
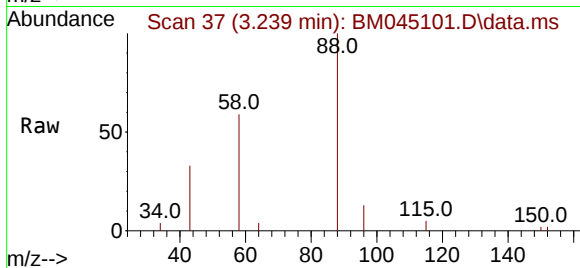




#2
1,4-Dioxane
Concen: 2.418 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

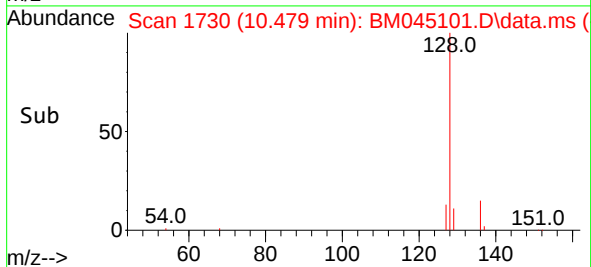
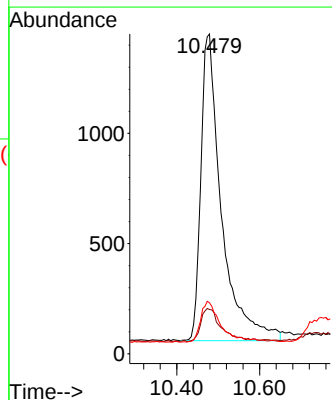
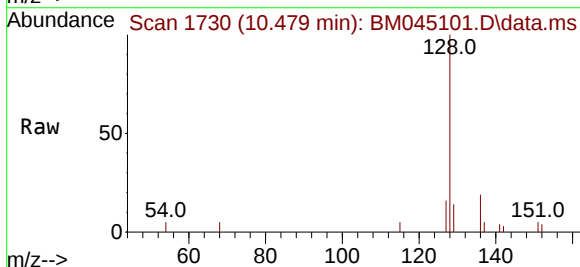
Instrument :
BNA_M
ClientSampleId :
SLCS104

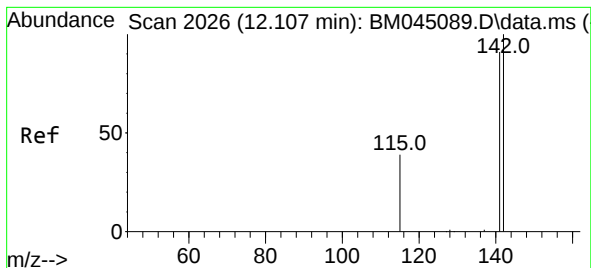
Tgt Ion: 88 Resp: 3703
Ion Ratio Lower Upper
88 100
43 33.0 30.6 46.0
58 59.3 32.6 48.8#



#5
Naphthalene
Concen: 0.461 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:128 Resp: 4791
Ion Ratio Lower Upper
128 100
129 13.9 11.3 16.9
127 16.0 11.9 17.9

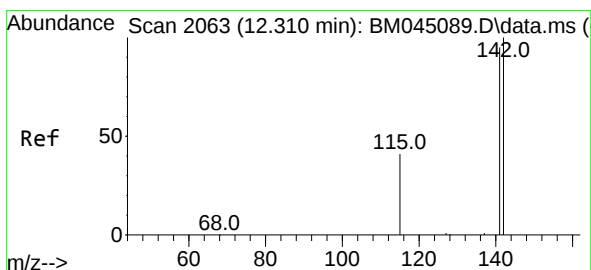
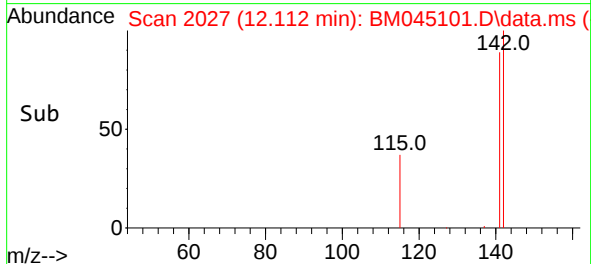
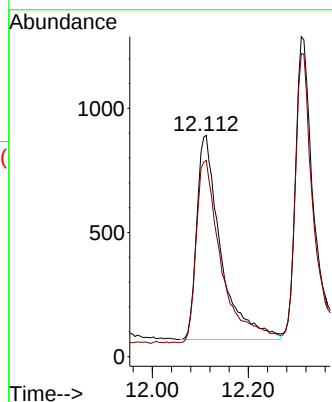
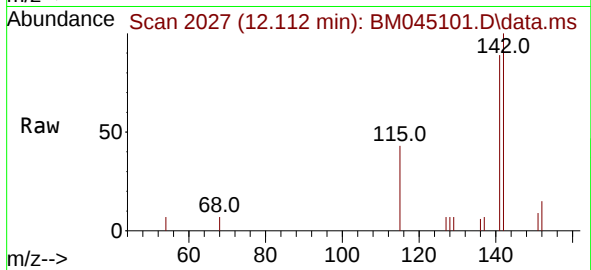




#7
2-Methylnaphthalene
Concen: 0.460 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. 0.005 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

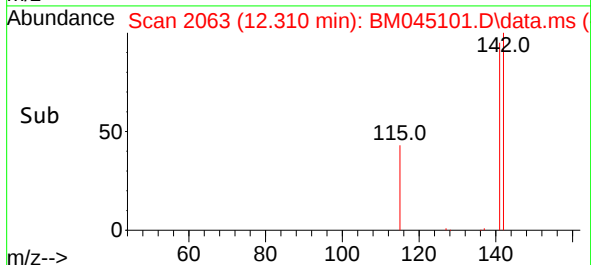
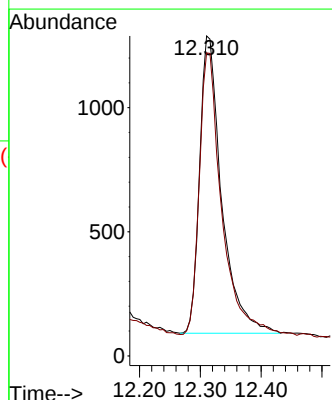
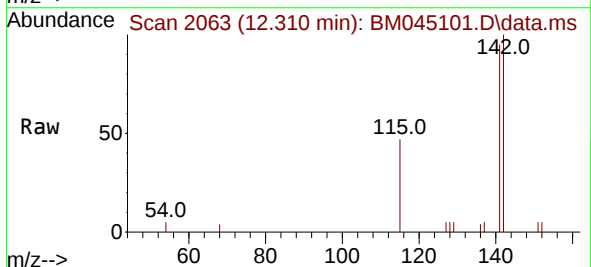
Instrument :
BNA_M
ClientSampleId :
SLCS104

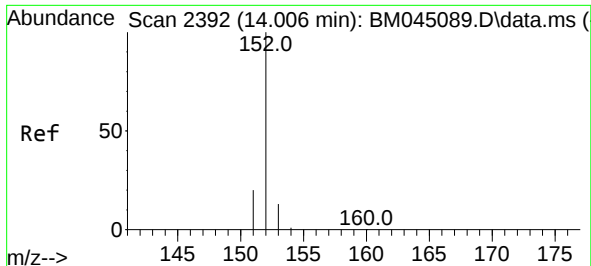
Tgt Ion:142 Resp: 2857
Ion Ratio Lower Upper
142 100
141 94.2 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:142 Resp: 3023
Ion Ratio Lower Upper
142 100
141 95.9 74.2 111.2

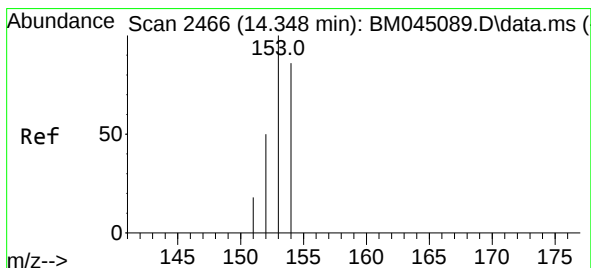
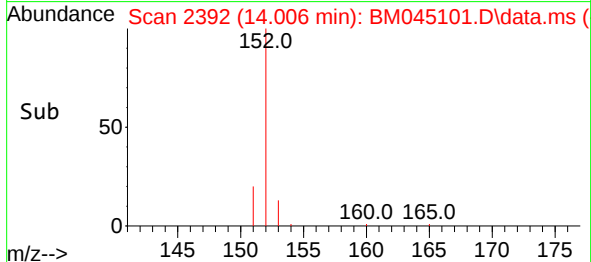
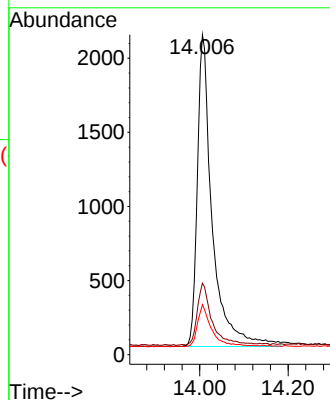
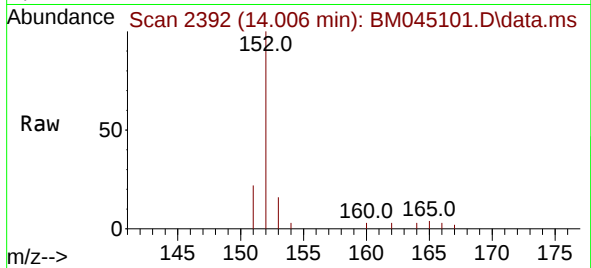




#10
Acenaphthylene
Concen: 0.460 ng/ul
RT: 14.006 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

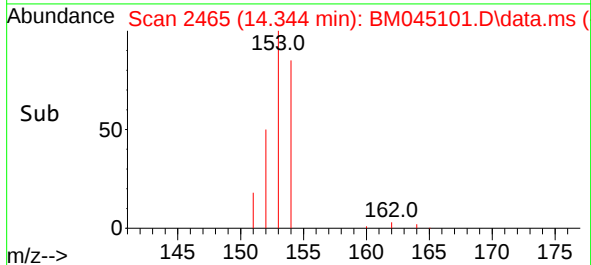
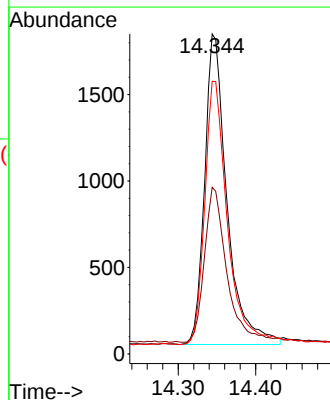
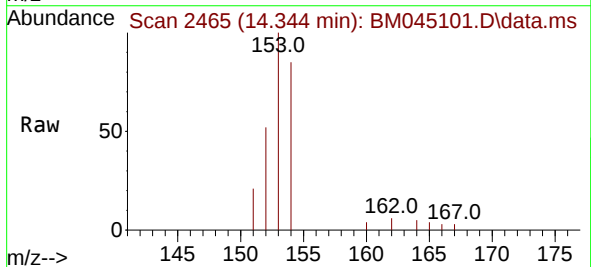
Instrument :
BNA_M
ClientSampleId :
SLCS104

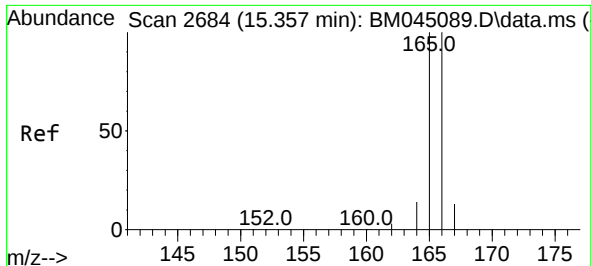
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.4
153	15.7	11.9	17.9



#11
Acenaphthene
Concen: 0.471 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.1	41.2	61.8
154	85.2	69.4	104.0

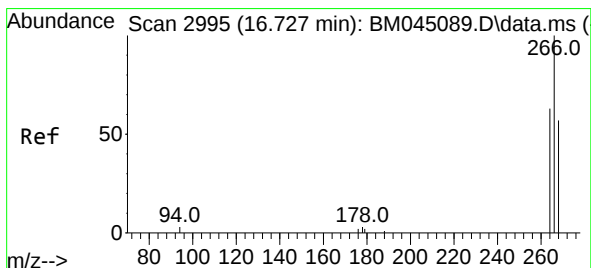
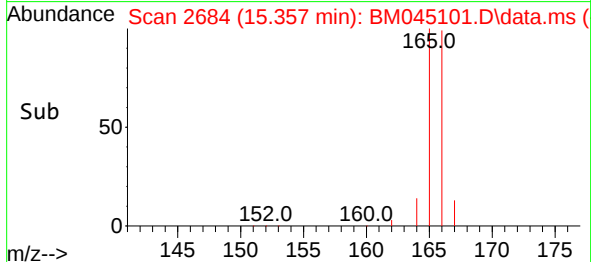
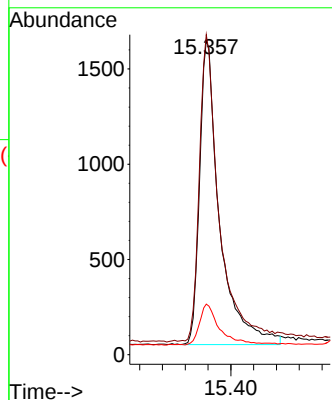
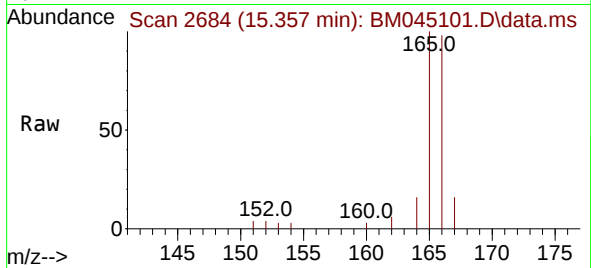




#12
Fluorene
Concen: 0.453 ng/ul
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

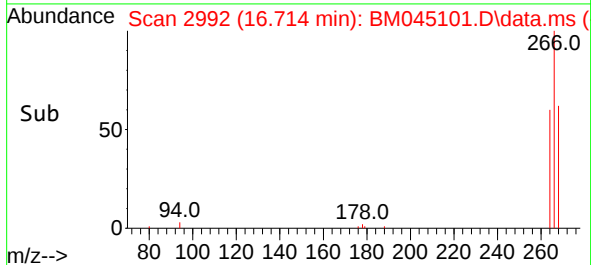
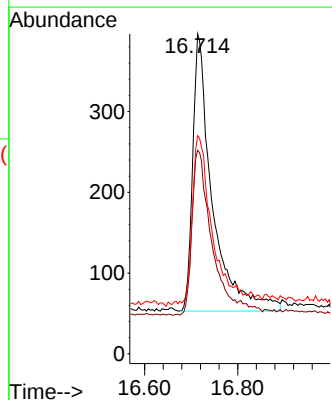
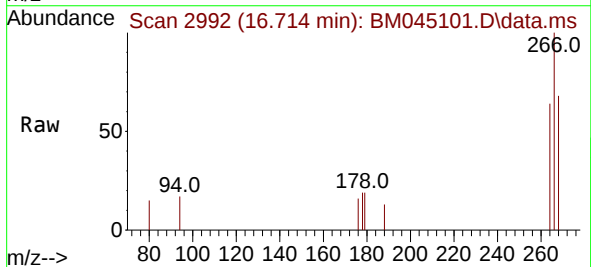
Instrument :
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ClientSampleId :
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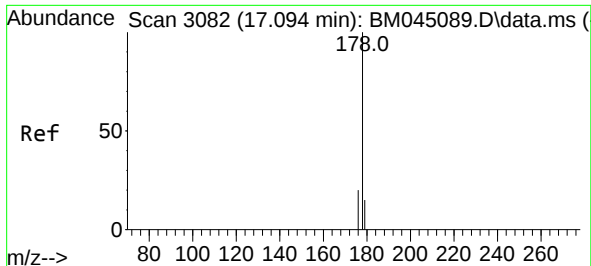
Tgt Ion:166 Resp: 3890
Ion Ratio Lower Upper
166 100
165 102.0 79.9 119.9
167 16.2 12.2 18.2



#14
Pentachlorophenol
Concen: 0.889 ng/ul
RT: 16.714 min Scan# 2992
Delta R.T. -0.013 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:266 Resp: 1004
Ion Ratio Lower Upper
266 100
264 61.4 48.3 72.5
268 59.8 52.6 79.0

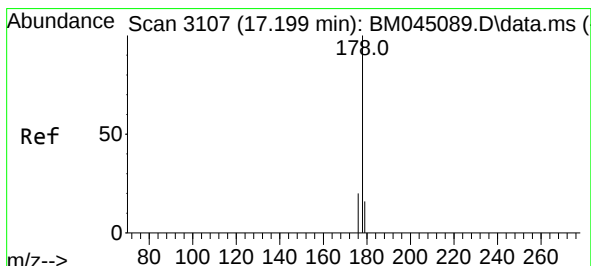
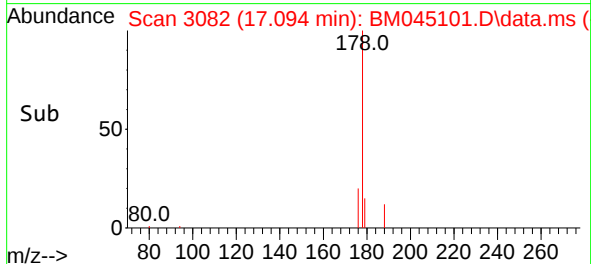
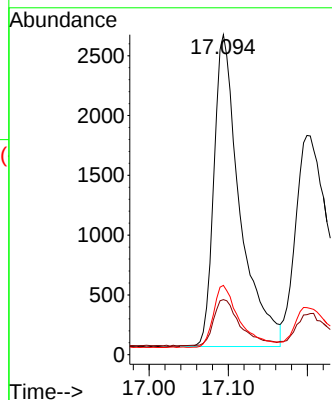
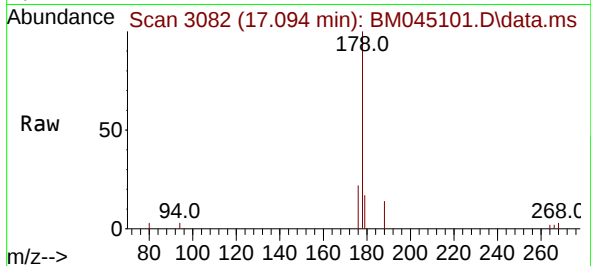




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

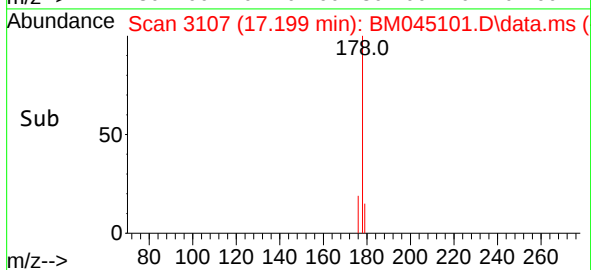
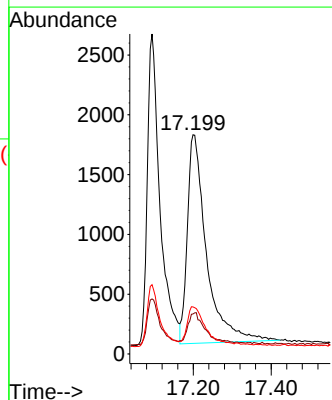
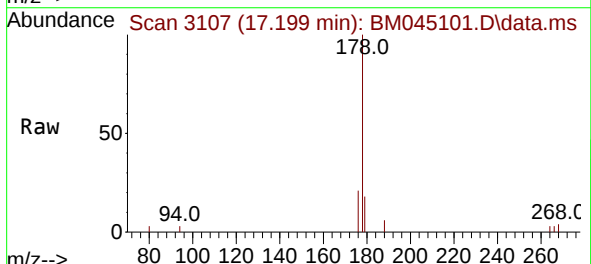
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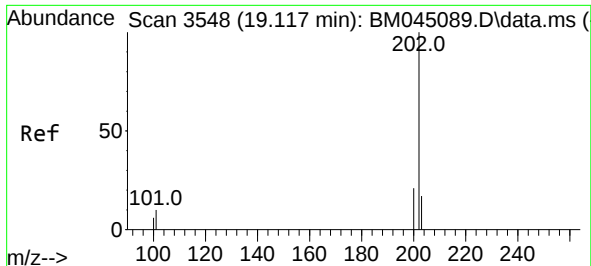
Tgt Ion:	178	Resp:	5927
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.7	20.5
176	21.7	17.0	25.4



#16
Anthracene
Concen: 0.445 ng/ul
RT: 17.199 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:	178	Resp:	5943
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.8	20.8
176	21.4	16.2	24.4

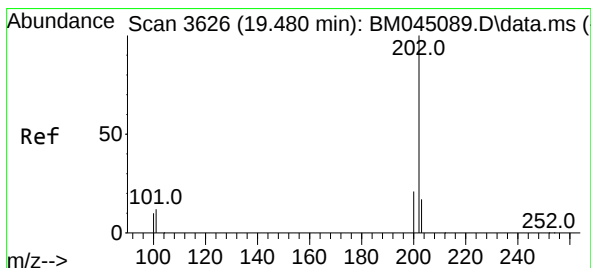
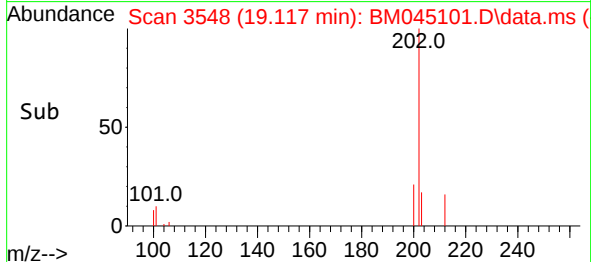
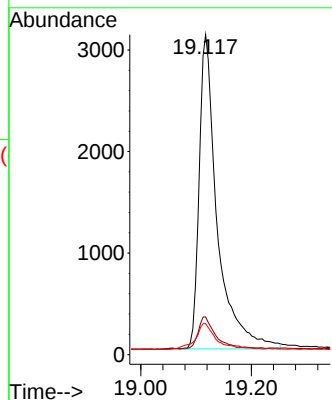
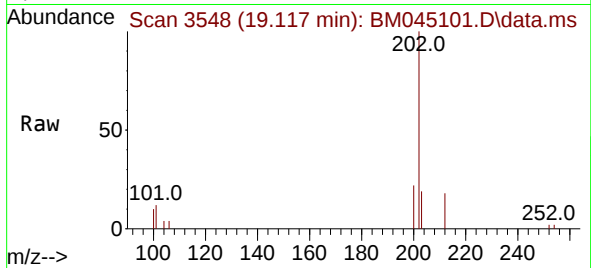




#19
Fluoranthene
Concen: 0.588 ng/ul
RT: 19.117 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

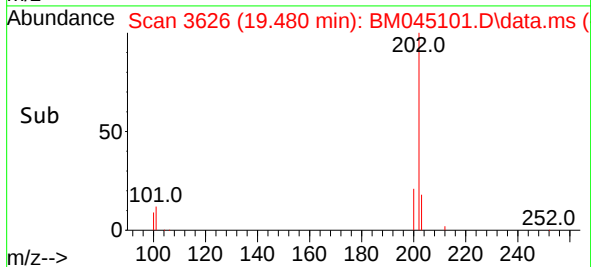
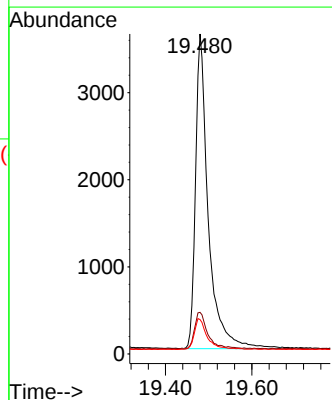
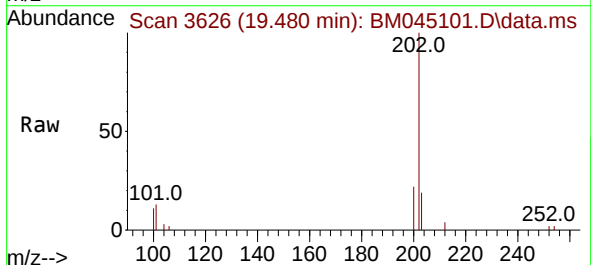
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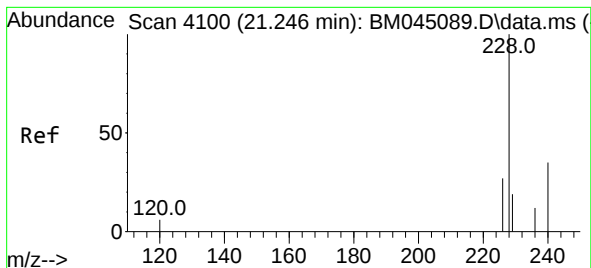
Tgt Ion:202 Resp: 7054
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 9.7 7.0 10.4



#20
Pyrene
Concen: 0.585 ng/ul
RT: 19.480 min Scan# 3626
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:202 Resp: 7410
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 10.8 8.1 12.1





#21

Benzo(a)anthracene

Concen: 0.438 ng/ul

RT: 21.249 min Scan# 4110

Delta R.T. 0.003 min

Lab File: BM045101.D

Acq: 10 Apr 2024 16:10

Instrument :

BNA_M

ClientSampleId :

SLCS104

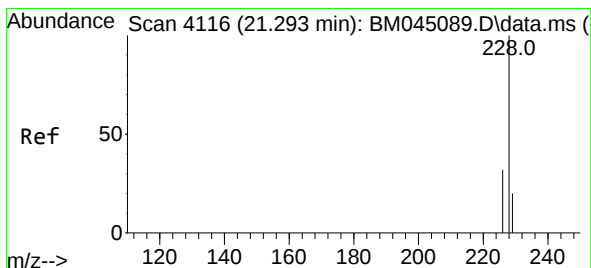
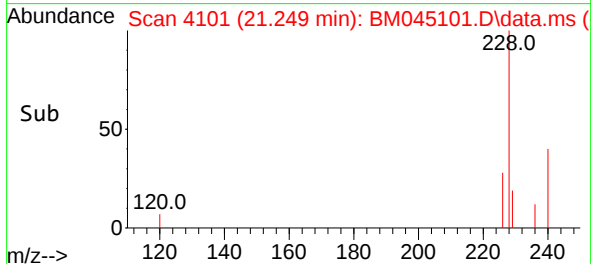
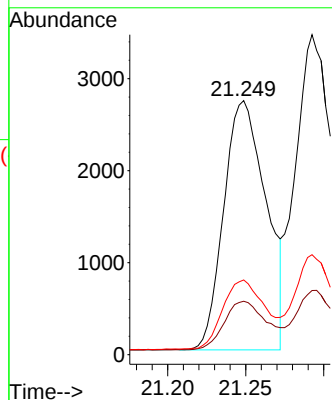
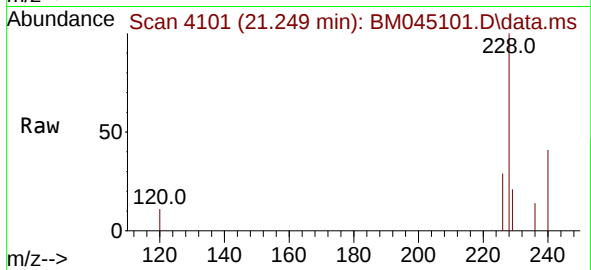
Tgt Ion:228 Resp: 5116

Ion Ratio Lower Upper

228 100

229 21.1 16.4 24.6

226 29.4 22.3 33.5



#22

Chrysene

Concen: 0.515 ng/ul

RT: 21.293 min Scan# 4116

Delta R.T. -0.000 min

Lab File: BM045101.D

Acq: 10 Apr 2024 16:10

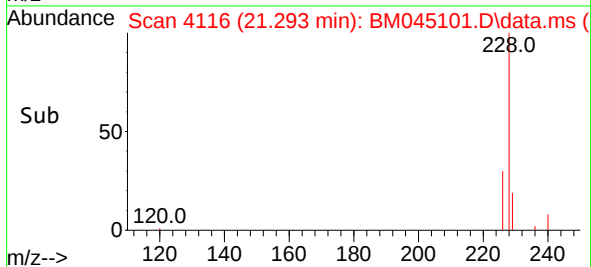
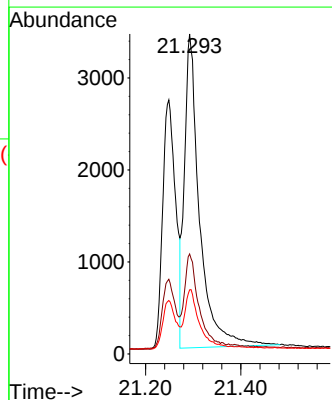
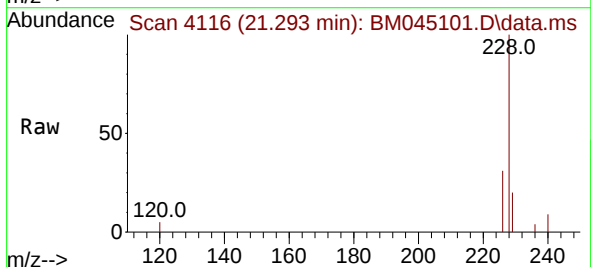
Tgt Ion:228 Resp: 7507

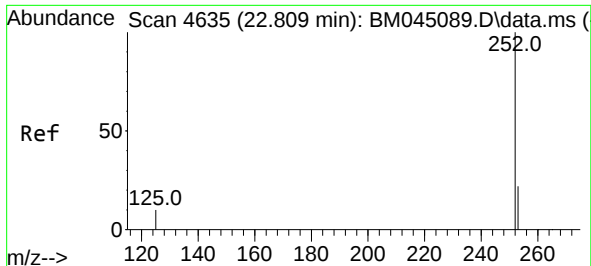
Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

229 20.0 15.9 23.9

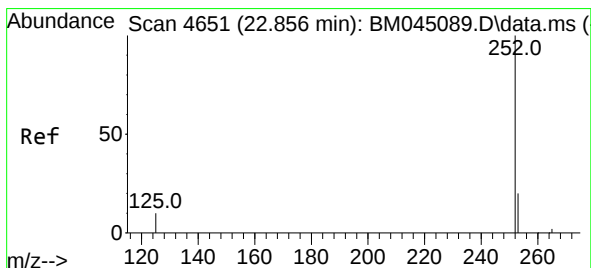
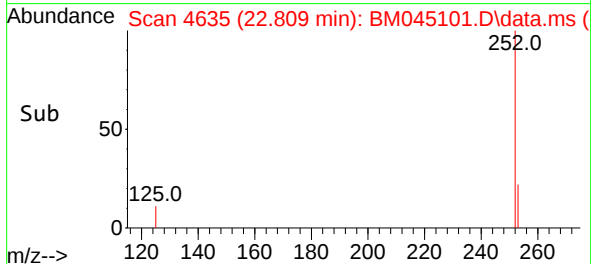
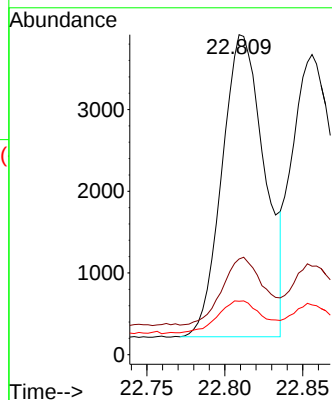
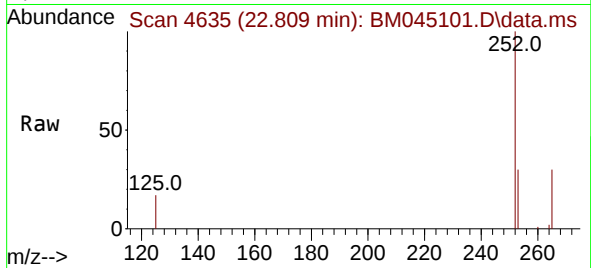




#24
Benzo(b)fluoranthene
Concen: 0.473 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

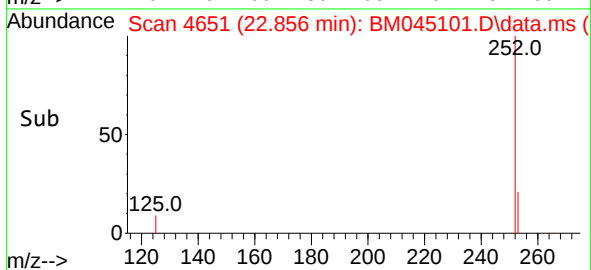
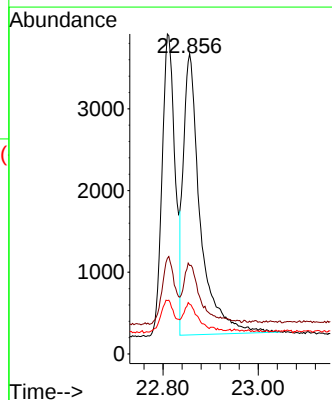
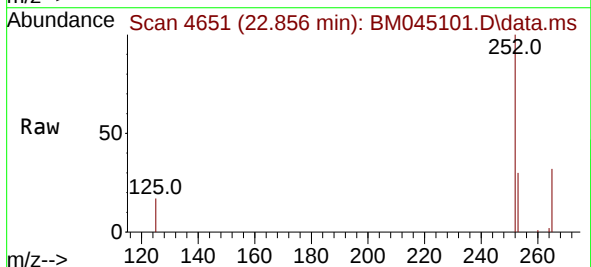
Instrument :
BNA_M
ClientSampleId :
SLCS104

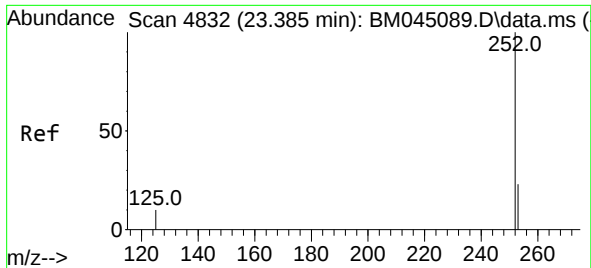
Tgt Ion:252 Resp: 7012
Ion Ratio Lower Upper
252 100
253 29.9 0.0 56.4
125 16.7 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.511 ng/ul
RT: 22.856 min Scan# 4651
Delta R.T. -0.000 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:252 Resp: 8487
Ion Ratio Lower Upper
252 100
253 29.5 22.3 33.5
125 16.6 11.6 17.4

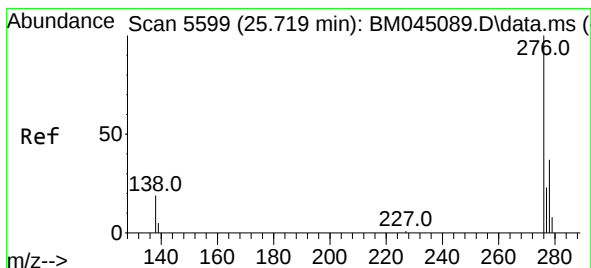
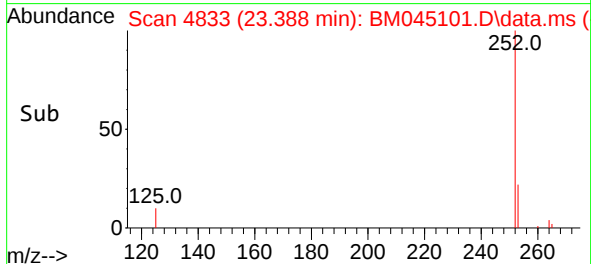
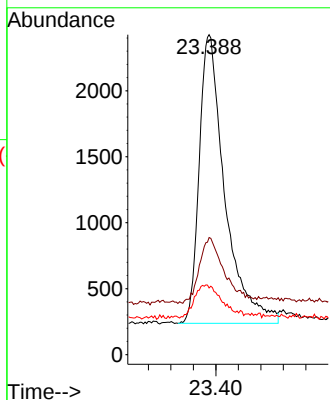
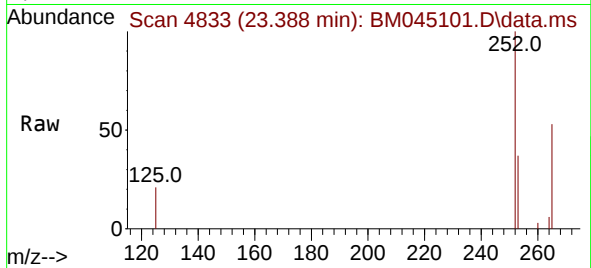




#26
Benzo(a)pyrene
Concen: 0.488 ng/ul
RT: 23.388 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

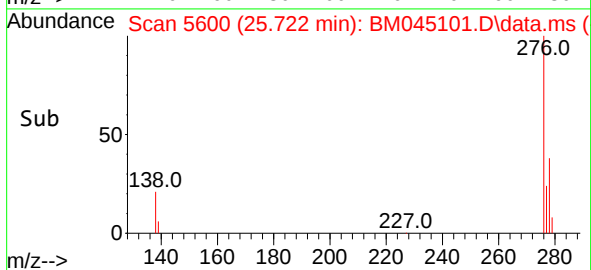
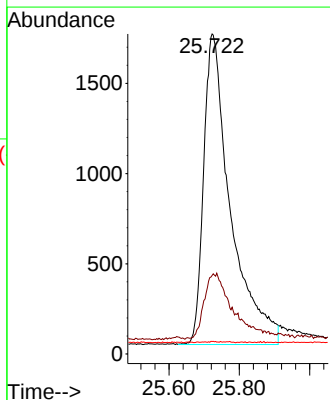
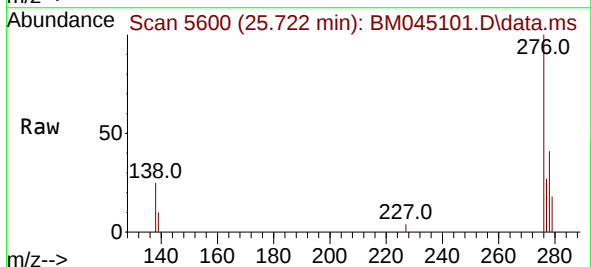
Instrument :
BNA_M
ClientSampleId :
SLCS104

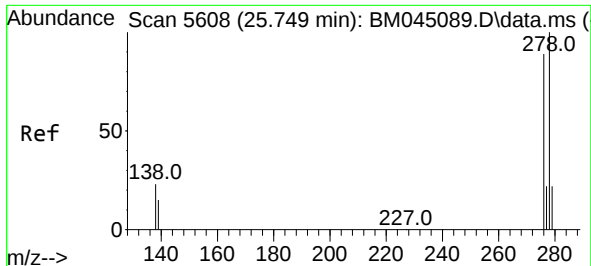
Tgt Ion:252 Resp: 6907
Ion Ratio Lower Upper
252 100
253 36.6 24.6 37.0
125 20.9 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.470 ng/ul
RT: 25.722 min Scan# 5600
Delta R.T. 0.003 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:276 Resp: 9116
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.1 0.1#

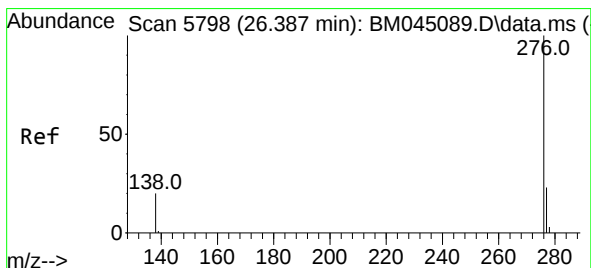
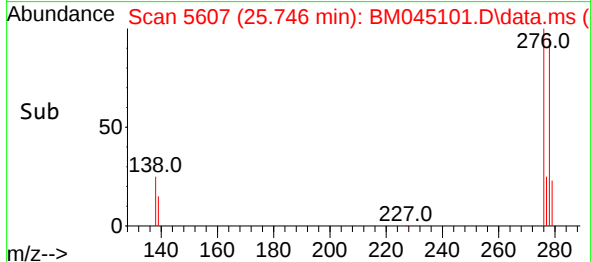
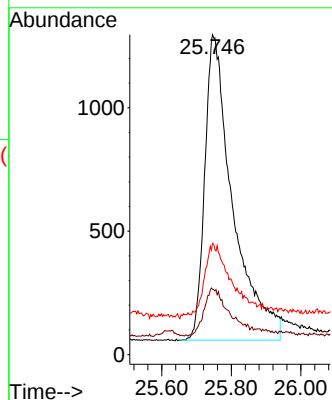
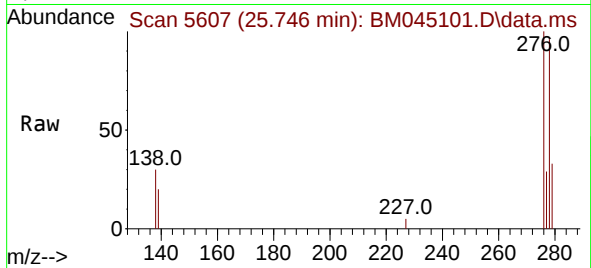




#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 25.746 min Scan# 5608
Delta R.T. -0.003 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS104

Tgt Ion:278 Resp: 6912
Ion Ratio Lower Upper
278 100
139 20.4 13.6 20.4#
279 34.7 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.498 ng/ul
RT: 26.390 min Scan# 5799
Delta R.T. 0.003 min
Lab File: BM045101.D
Acq: 10 Apr 2024 16:10

Tgt Ion:276 Resp: 8334
Ion Ratio Lower Upper
276 100
138 24.5 16.8 25.2
277 26.9 20.3 30.5

