

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045105.D
 Acq On : 10 Apr 2024 18:36
 Operator : MA/JU
 Sample : PB160123BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS123

Quant Time: Apr 10 19:18:53 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)

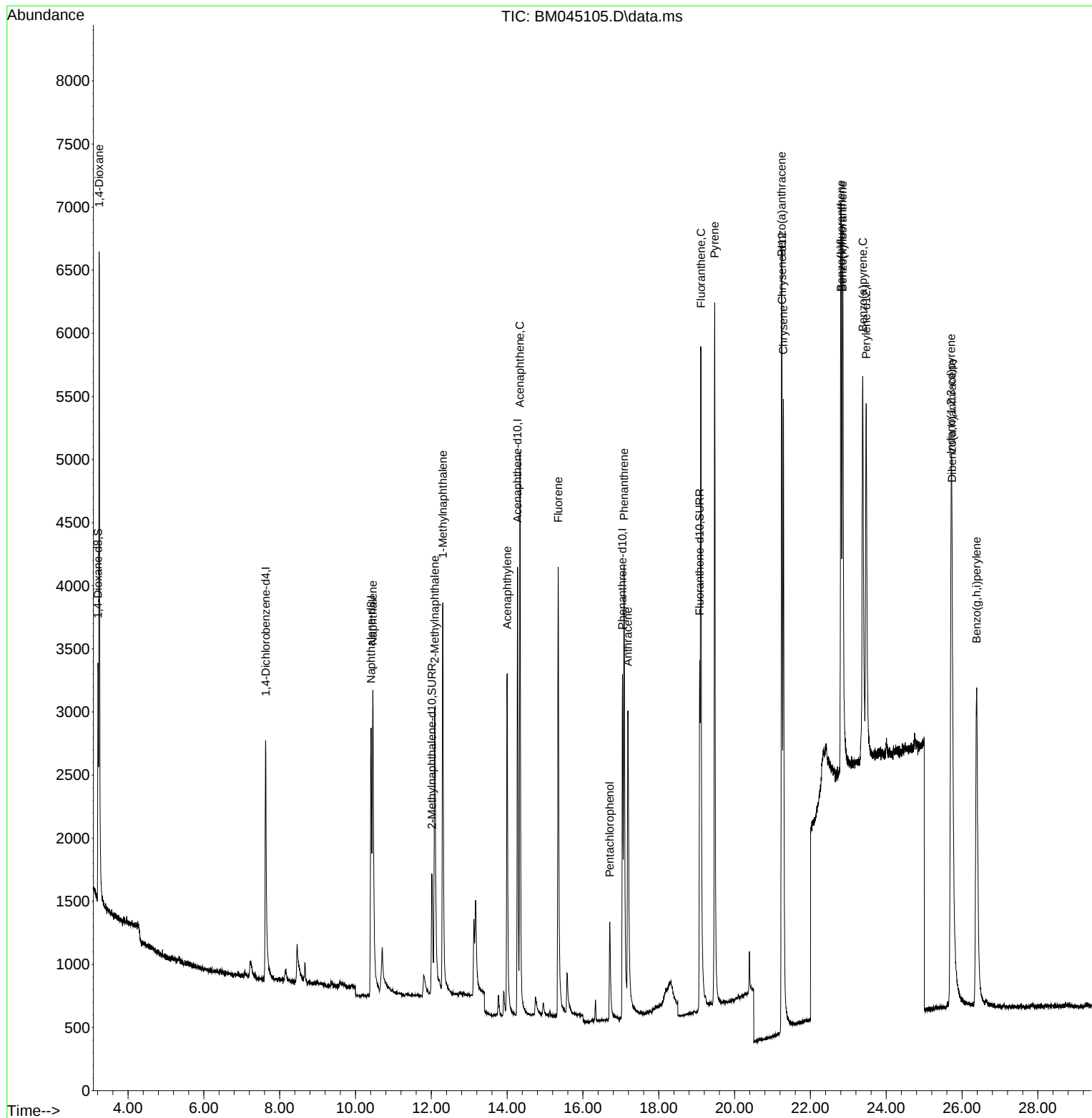
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	1542	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.413	136	4748	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.274	164	2326	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.043	188	4855	0.400	ng/ul	-0.01
17) Chrysene-d12	21.252	240	3648	0.400	ng/ul	0.00
23) Perylene-d12	23.473	264	4644	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1275	0.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.013	152	2217	0.345	ng/ul	-0.02
18) Fluoranthene-d10	19.080	212	4019	0.436	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	3536	1.821	ng/ul#	81
5) Naphthalene	10.457	128	4631	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.090	142	2722	0.362	ng/ul	97
8) 1-Methylnaphthalene	12.305	142	2856	0.348	ng/ul	98
10) Acenaphthylene	14.001	152	4300	0.371	ng/ul	98
11) Acenaphthene	14.339	153	3146	0.379	ng/ul	96
12) Fluorene	15.348	166	3299	0.354	ng/ul	100
14) Pentachlorophenol	16.710	266	868	0.762	ng/ul	96
15) Phenanthrene	17.085	178	4857	0.355	ng/ul	100
16) Anthracene	17.187	178	4771	0.354	ng/ul	95
19) Fluoranthene	19.113	202	5872	0.450	ng/ul	98
20) Pyrene	19.475	202	6140	0.446	ng/ul	99
21) Benzo(a)anthracene	21.240	228	4973	0.392	ng/ul	97
22) Chrysene	21.287	228	6043	0.381	ng/ul	98
24) Benzo(b)fluoranthene	22.806	252	6172	0.368	ng/ul	93
25) Benzo(k)fluoranthene	22.850	252	7244	0.386	ng/ul#	89
26) Benzo(a)pyrene	23.382	252	5989	0.374	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.712	276	8144	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.736	278	6510	0.375	ng/ul#	91
29) Benzo(g,h,i)perylene	26.386	276	7040	0.372	ng/ul	96

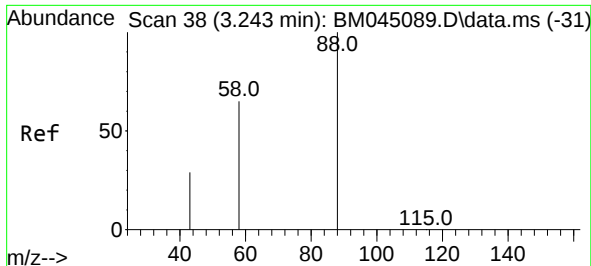
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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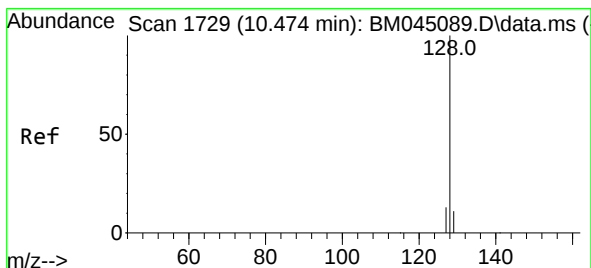
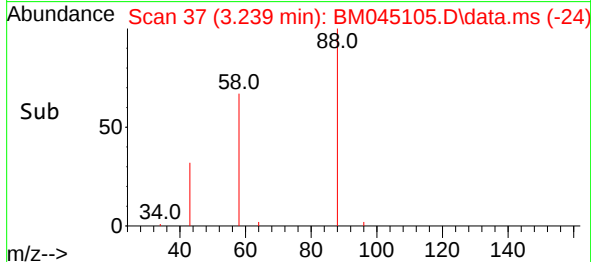
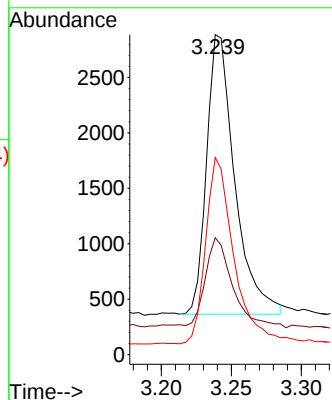
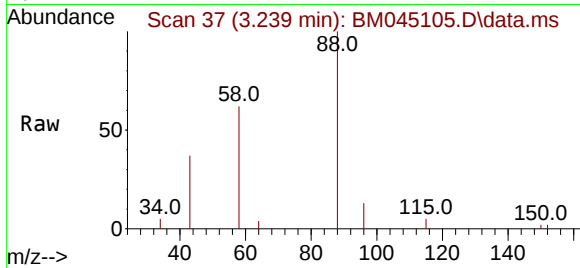




#2
1,4-Dioxane
Concen: 1.821 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

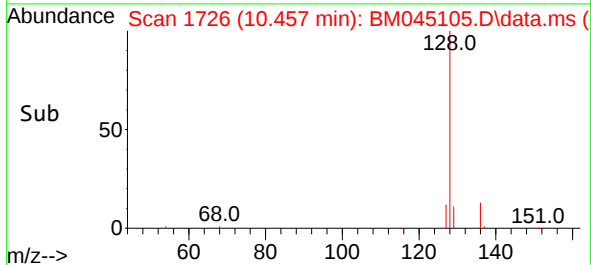
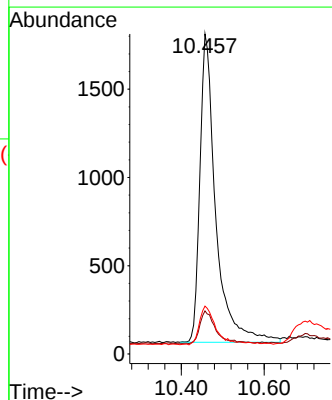
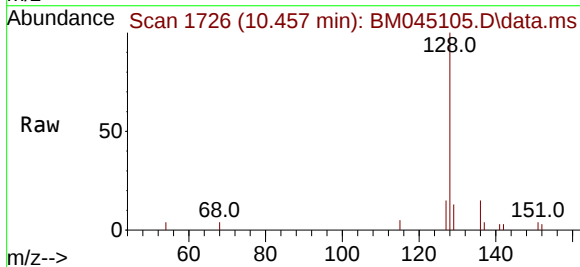
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BNA_M
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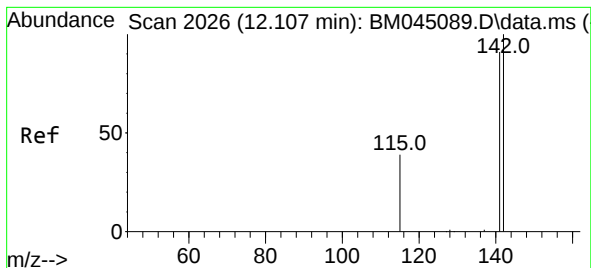
Tgt Ion: 88 Resp: 3536
Ion Ratio Lower Upper
88 100
43 36.6 30.6 46.0
58 61.6 32.6 48.8#



#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.457 min Scan# 1726
Delta R.T. -0.017 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion: 128 Resp: 4631
Ion Ratio Lower Upper
128 100
129 13.5 11.3 16.9
127 14.9 11.9 17.9

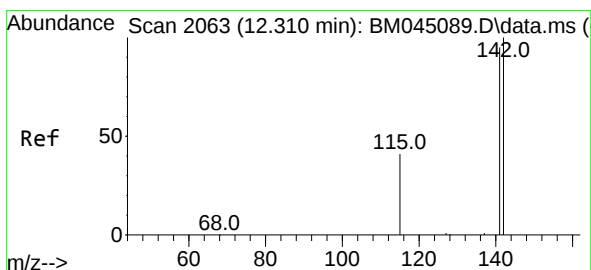
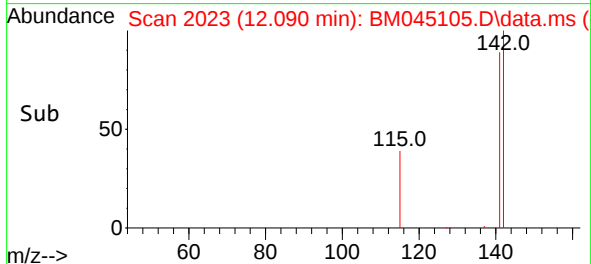
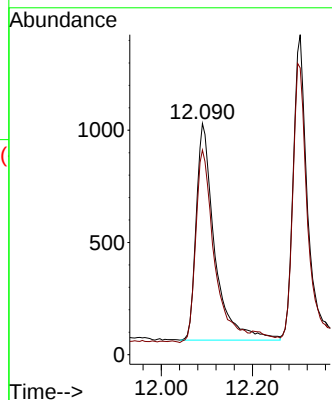
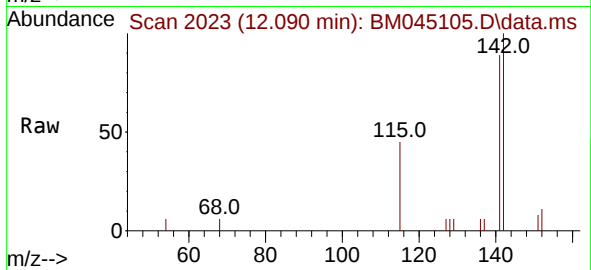




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.090 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

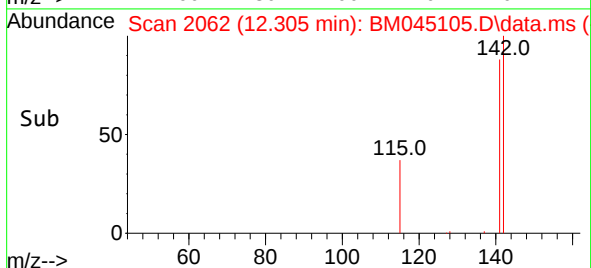
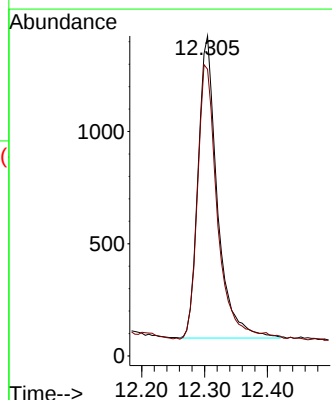
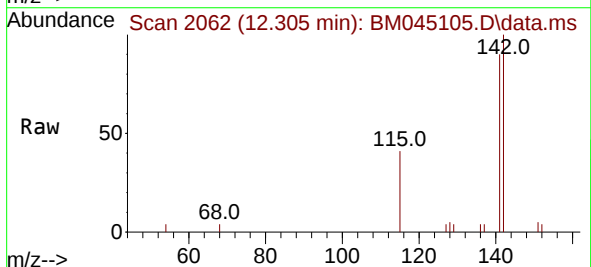
Instrument :
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ClientSampleId :
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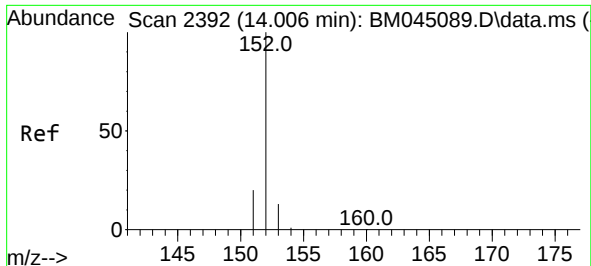
Tgt Ion:142 Resp: 2722
Ion Ratio Lower Upper
142 100
141 94.8 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:142 Resp: 2856
Ion Ratio Lower Upper
142 100
141 94.4 74.2 111.2

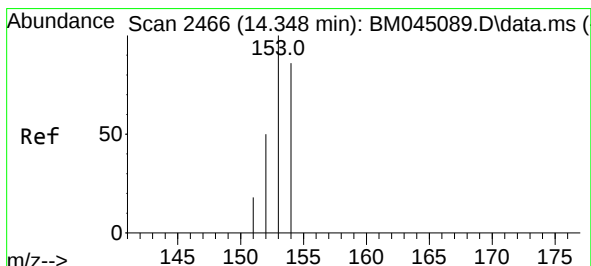
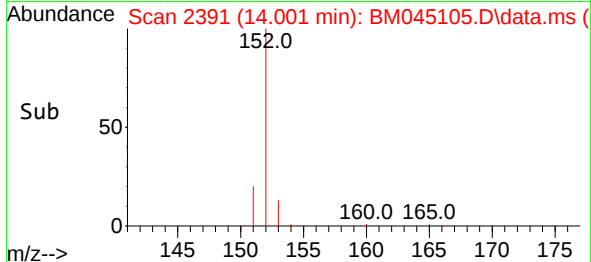
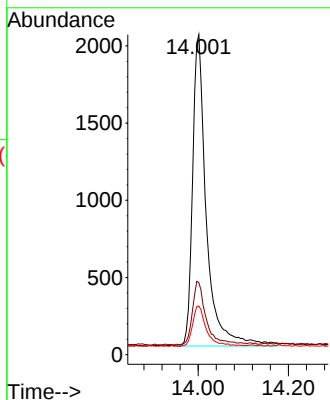
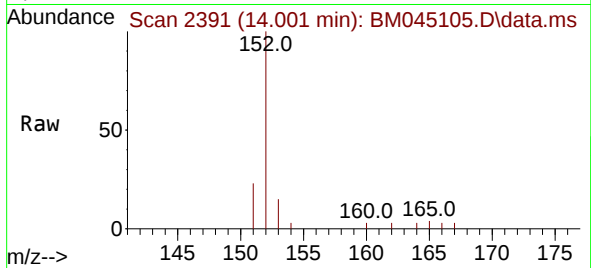




#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.001 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

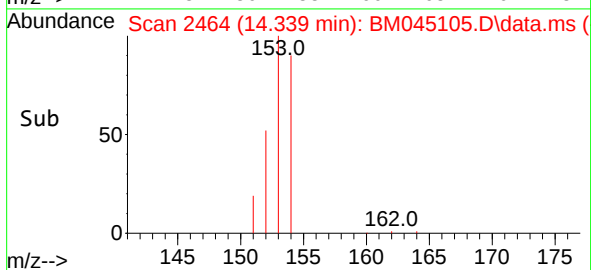
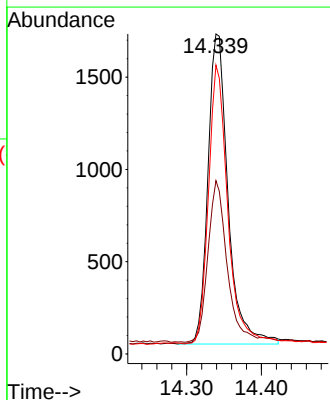
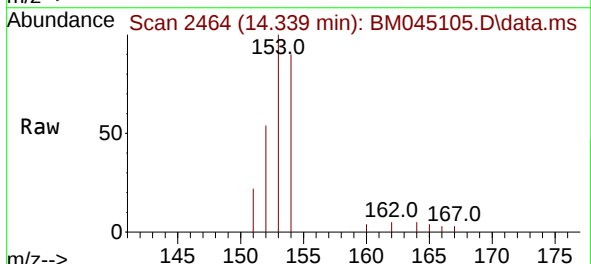
Instrument :
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ClientSampleId :
SLCS123

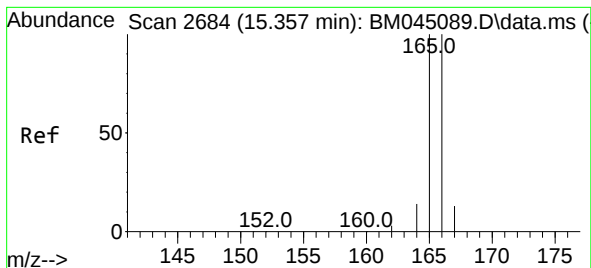
Tgt Ion:152	Resp:	4300
Ion Ratio	Lower	Upper
152	100	
151	22.6	17.0 25.4
153	15.2	11.9 17.9



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.339 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:153	Resp:	3146
Ion Ratio	Lower	Upper
153	100	
152	54.2	41.2 61.8
154	90.3	69.4 104.0





#12

Fluorene

Concen: 0.354 ng/ul

RT: 15.348 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM045105.D

Acq: 10 Apr 2024 18:36

Instrument :

BNA_M

ClientSampleId :

SLCS123

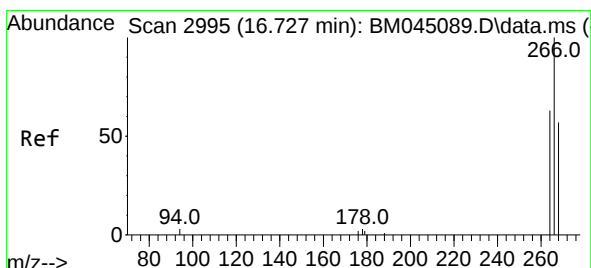
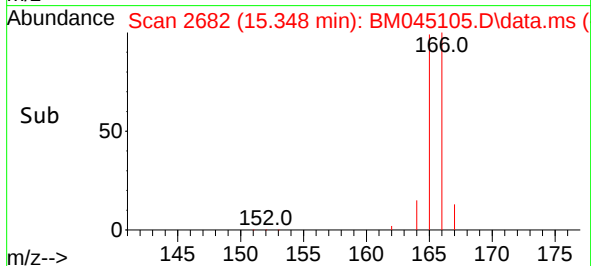
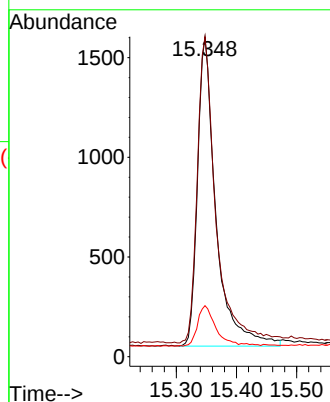
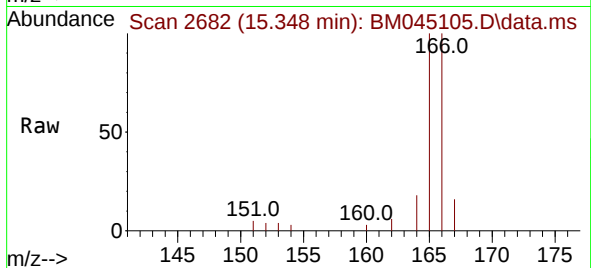
Tgt Ion:166 Resp: 3299

Ion Ratio Lower Upper

166 100

165 100.2 79.9 119.9

167 16.0 12.2 18.2



#14

Pentachlorophenol

Concen: 0.762 ng/ul

RT: 16.710 min Scan# 2991

Delta R.T. -0.017 min

Lab File: BM045105.D

Acq: 10 Apr 2024 18:36

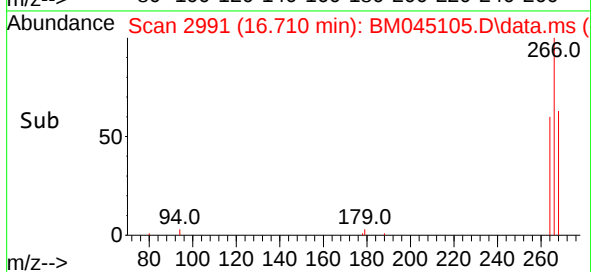
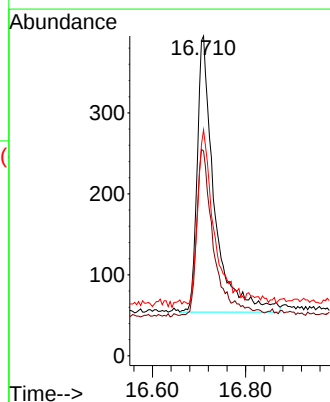
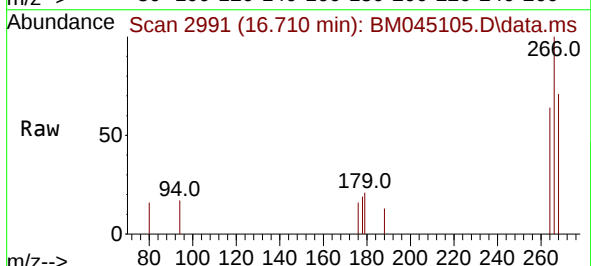
Tgt Ion:266 Resp: 868

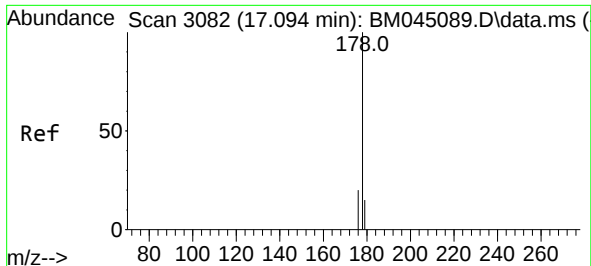
Ion Ratio Lower Upper

266 100

264 59.6 48.3 72.5

268 59.8 52.6 79.0

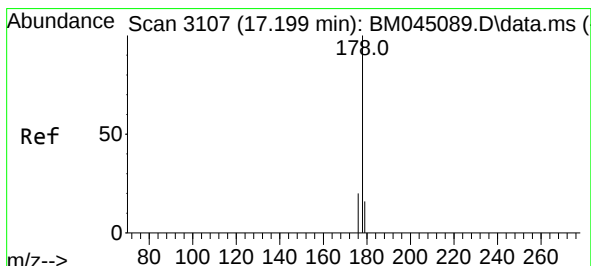
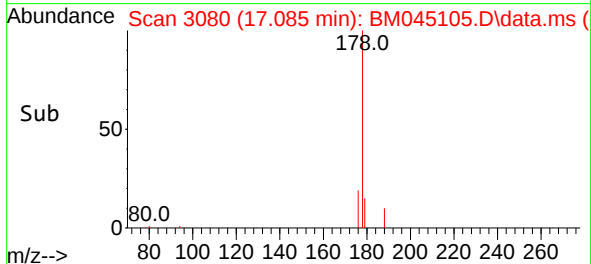
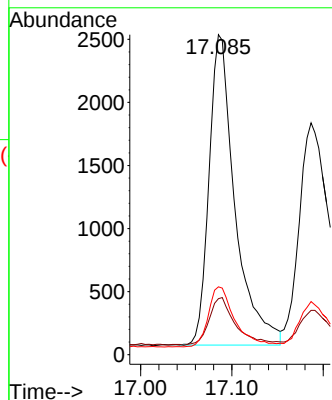
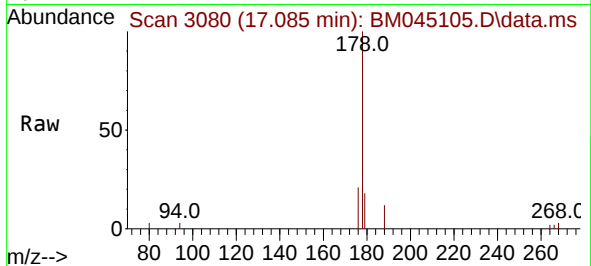




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.085 min Scan# 3082
Delta R.T. -0.009 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

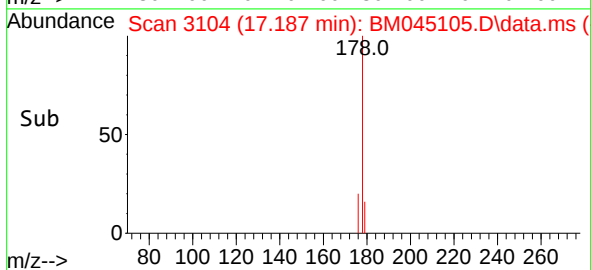
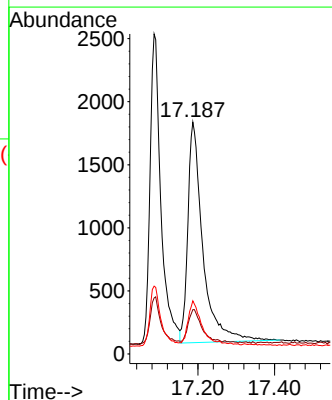
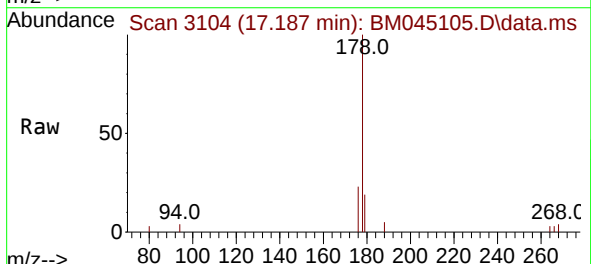
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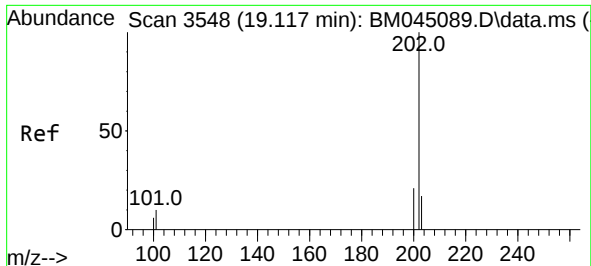
Tgt Ion:178 Resp: 4857
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 21.2 17.0 25.4



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.187 min Scan# 3104
Delta R.T. -0.013 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:178 Resp: 4771
Ion Ratio Lower Upper
178 100
179 19.1 13.8 20.8
176 22.9 16.2 24.4

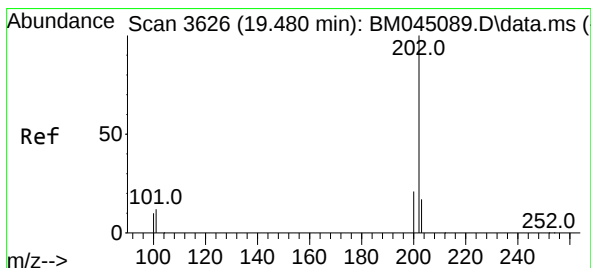
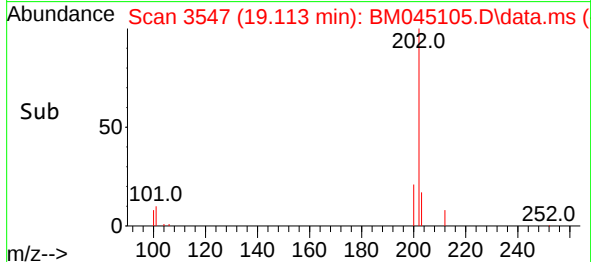
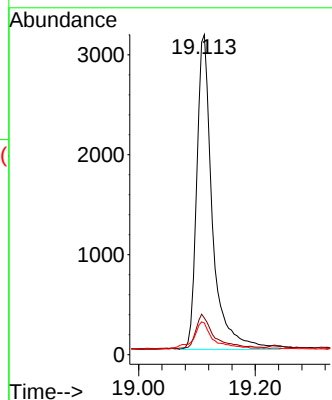
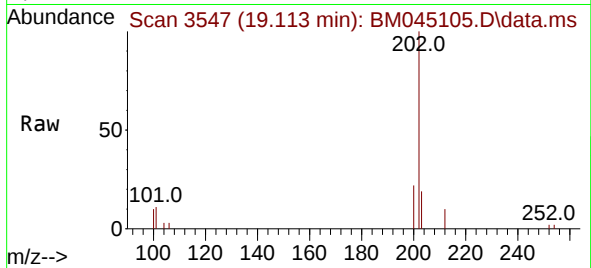




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.113 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

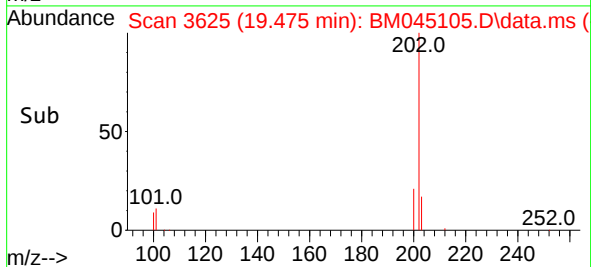
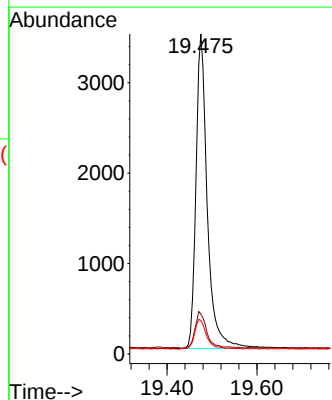
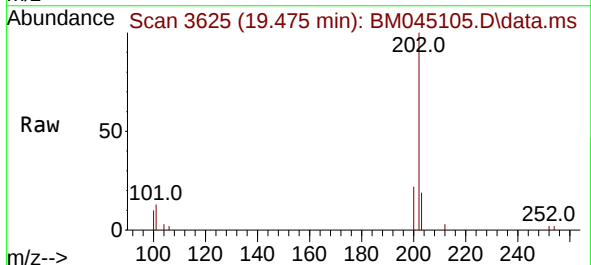
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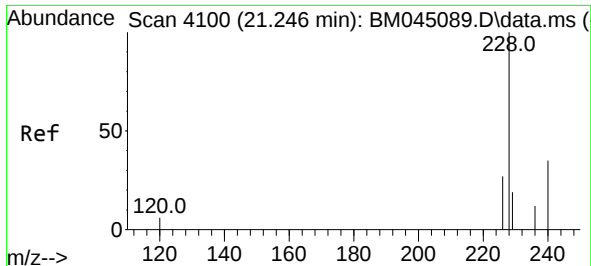
Tgt Ion:202 Resp: 5872
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 9.9 7.0 10.4



#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.475 min Scan# 3625
Delta R.T. -0.005 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:202 Resp: 6140
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
100 10.5 8.1 12.1

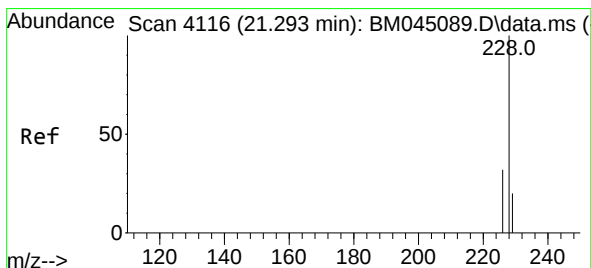
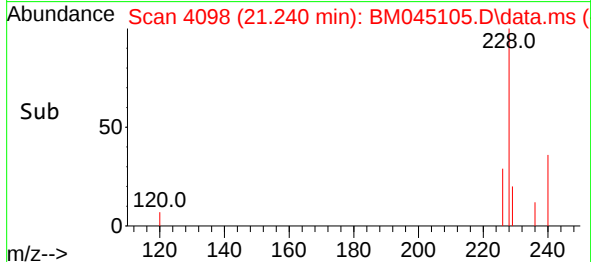
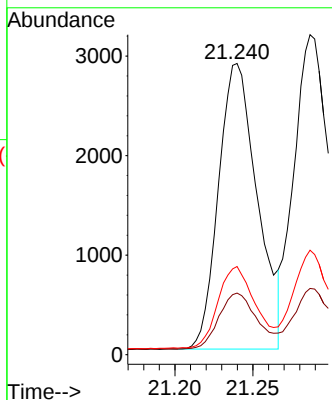
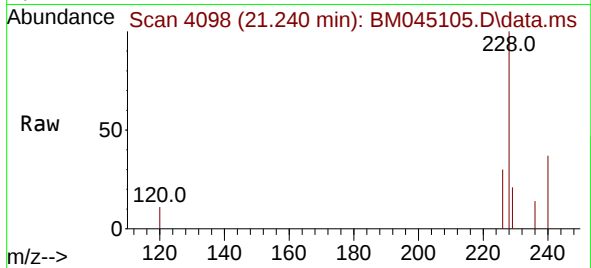




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.240 min Scan# 4100
Delta R.T. -0.006 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

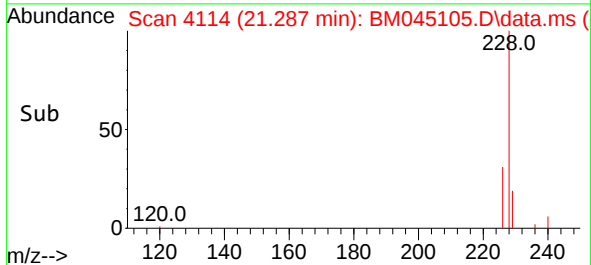
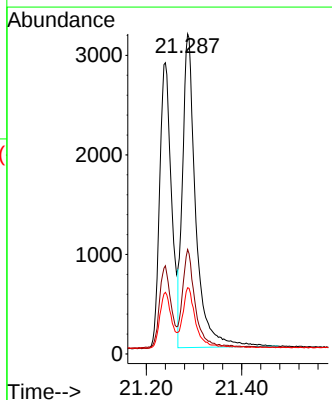
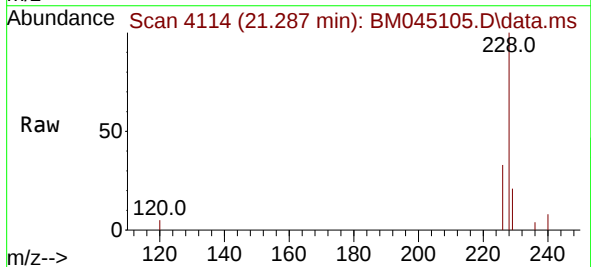
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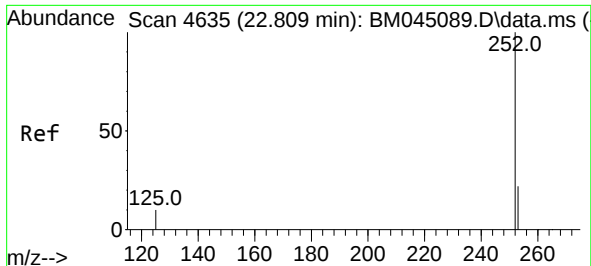
Tgt Ion:228 Resp: 4973
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 30.3 22.3 33.5



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.287 min Scan# 4114
Delta R.T. -0.006 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:228 Resp: 6043
Ion Ratio Lower Upper
228 100
226 32.7 24.9 37.3
229 20.7 15.9 23.9

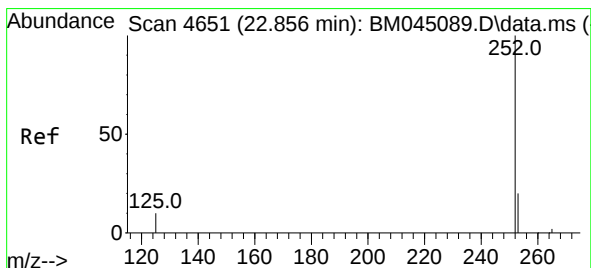
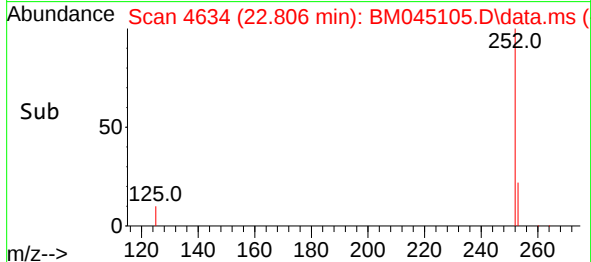
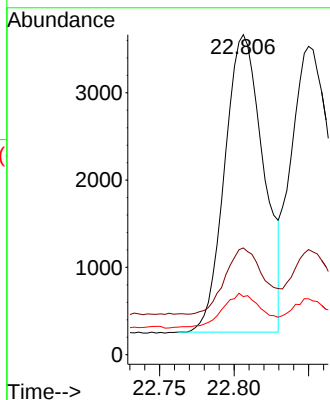
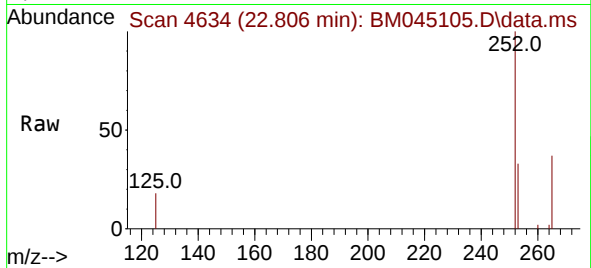




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.806 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

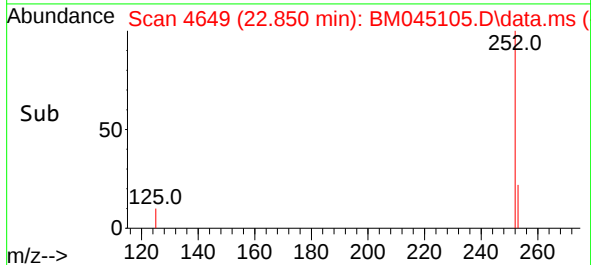
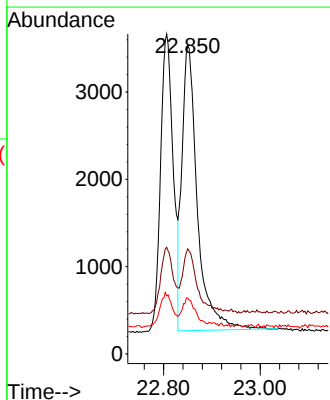
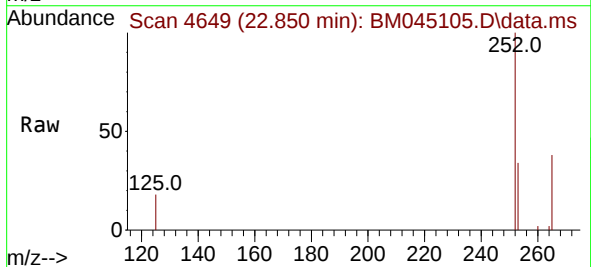
Instrument :
BNA_M
ClientSampleId :
SLCS123

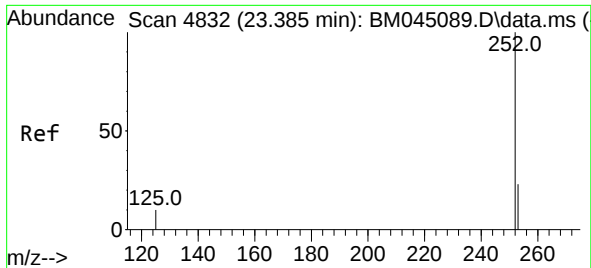
Tgt Ion:252 Resp: 6172
Ion Ratio Lower Upper
252 100
253 33.4 0.0 56.4
125 18.1 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 22.850 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:252 Resp: 7244
Ion Ratio Lower Upper
252 100
253 34.1 22.3 33.5#
125 18.1 11.6 17.4#

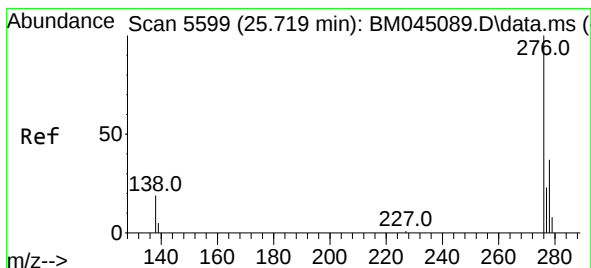
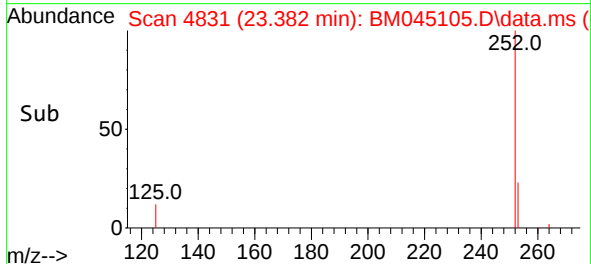
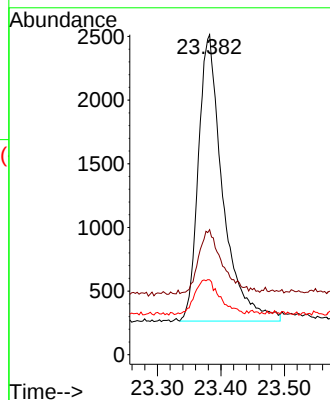
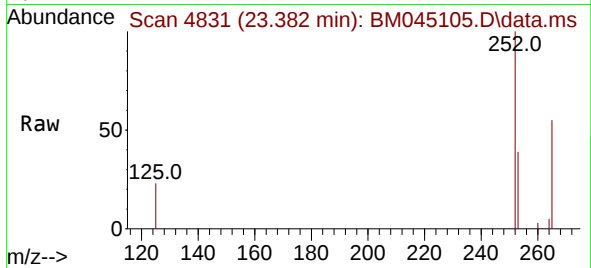




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.382 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

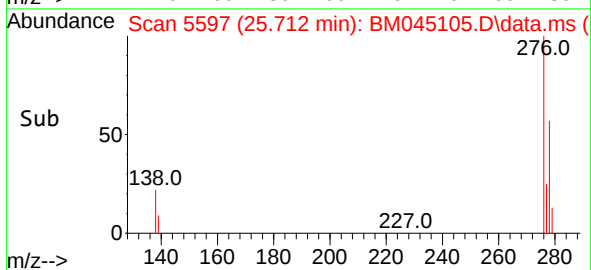
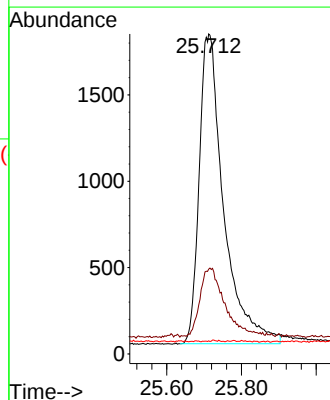
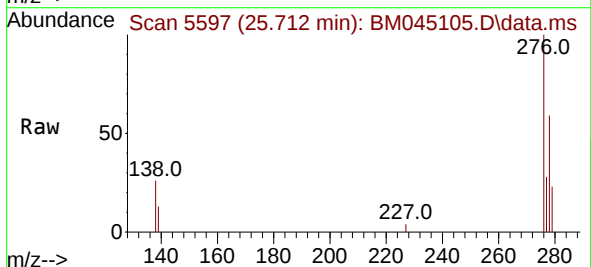
Instrument :
BNA_M
ClientSampleId :
SLCS123

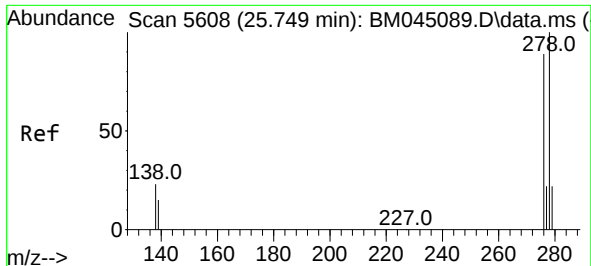
Tgt Ion:252 Resp: 5989
Ion Ratio Lower Upper
252 100
253 39.1 24.6 37.0#
125 23.4 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 25.712 min Scan# 5597
Delta R.T. -0.007 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:276 Resp: 8144
Ion Ratio Lower Upper
276 100
138 22.2 0.0 0.0#
227 0.1 0.1 0.1#

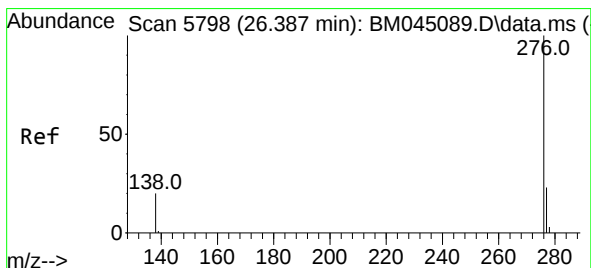
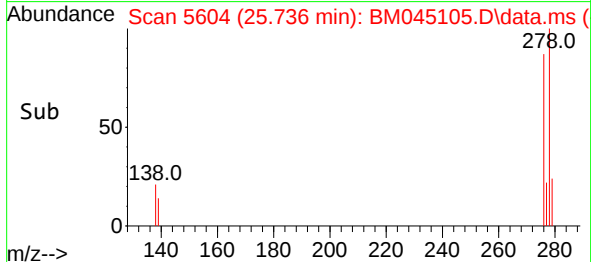
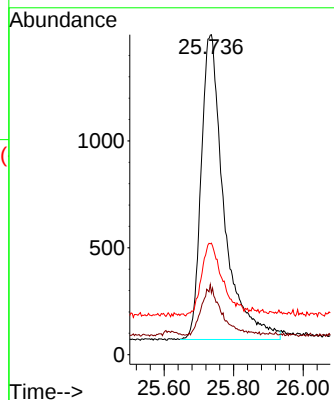
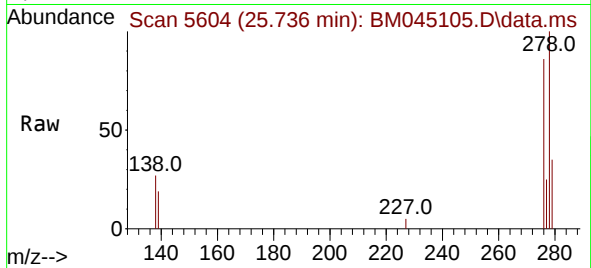




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.736 min Scan# 5604
Delta R.T. -0.014 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Instrument :
BNA_M
ClientSampleId :
SLCS123

Tgt Ion:278 Resp: 6510
Ion Ratio Lower Upper
278 100
139 19.3 13.6 20.4
279 34.9 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. -0.000 min
Lab File: BM045105.D
Acq: 10 Apr 2024 18:36

Tgt Ion:276 Resp: 7040
Ion Ratio Lower Upper
276 100
138 24.1 16.8 25.2
277 26.0 20.3 30.5

