

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032224\
 Data File : BM044716.D
 Acq On : 22 Mar 2024 01:57
 Operator : MA/JU
 Sample : PB159694BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS694

Quant Time: Mar 22 02:42:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 10:51:03 2024
 Response via : Initial Calibration

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

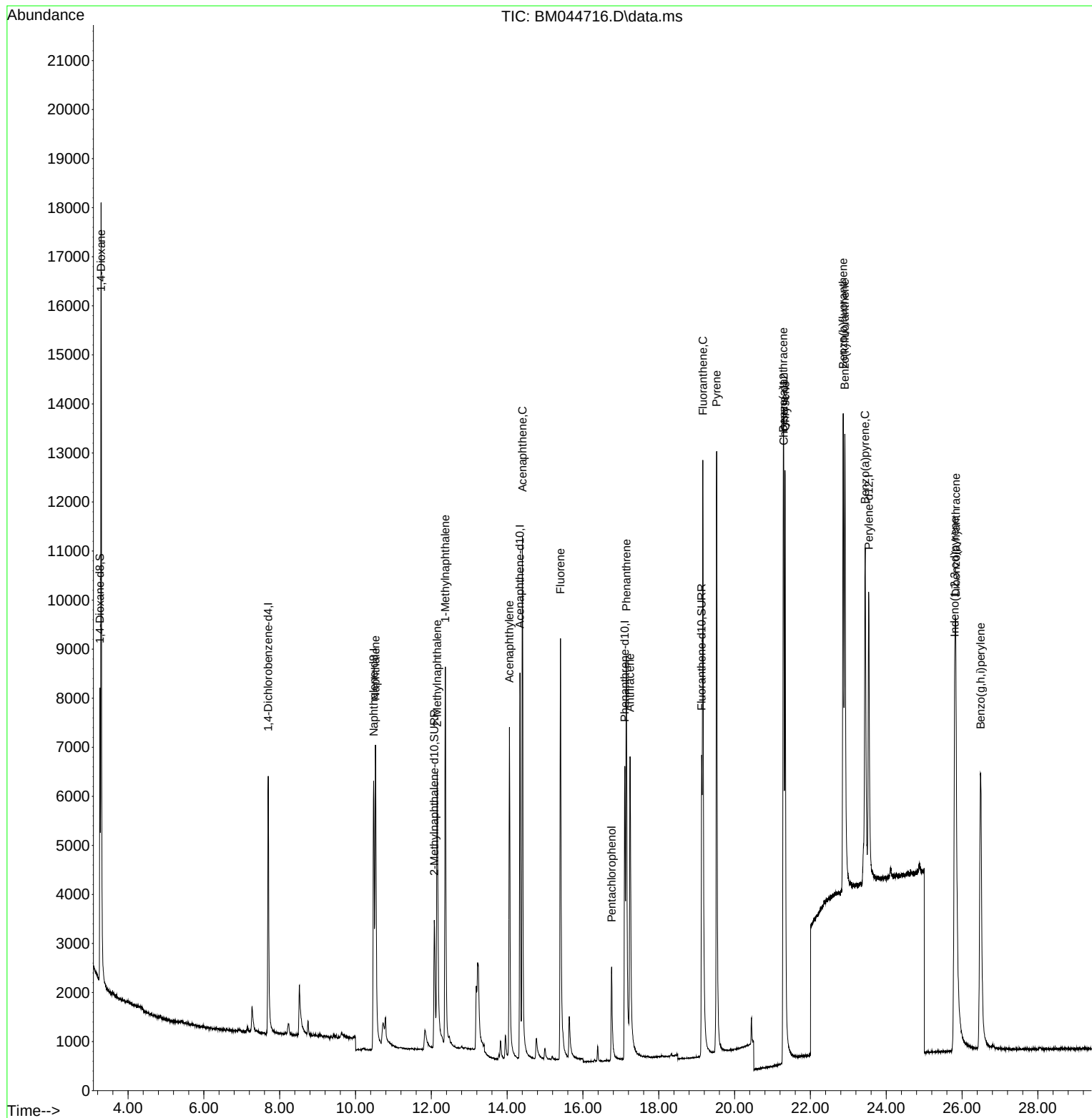
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	3499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	10699	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.339	164	5120	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.102	188	10280	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	8312	0.400	ng/ul	0.00
23) Perylene-d12	23.540	264	9354	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	3573	0.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.079	152	5598	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.131	212	9664	0.331	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	10107	2.156	ng/ul#	64
5) Naphthalene	10.528	128	11396	0.379	ng/ul	98
7) 2-Methylnaphthalene	12.156	142	6625	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.371	142	6815	0.354	ng/ul	100
10) Acenaphthylene	14.061	152	10296	0.396	ng/ul	97
11) Acenaphthene	14.404	153	7291	0.388	ng/ul	99
12) Fluorene	15.408	166	7962	0.371	ng/ul	99
14) Pentachlorophenol	16.756	266	2093	0.844	ng/ul	98
15) Phenanthrene	17.144	178	11737	0.380	ng/ul	98
16) Anthracene	17.241	178	11776	0.406	ng/ul	98
19) Fluoranthene	19.164	202	13455	0.331	ng/ul	98
20) Pyrene	19.526	202	13994	0.336	ng/ul	97
21) Benzo(a)anthracene	21.284	228	11390	0.360	ng/ul	99
22) Chrysene	21.333	228	14677	0.413	ng/ul	99
24) Benzo(b)fluoranthene	22.865	252	13472	0.377	ng/ul	93
25) Benzo(k)fluoranthene	22.908	252	15780	0.408	ng/ul	94
26) Benzo(a)pyrene	23.443	252	13154	0.406	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.803	276	17155	0.460	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.836	278	13625	0.474	ng/ul	99
29) Benzo(g,h,i)perylene	26.490	276	15137	0.462	ng/ul	99

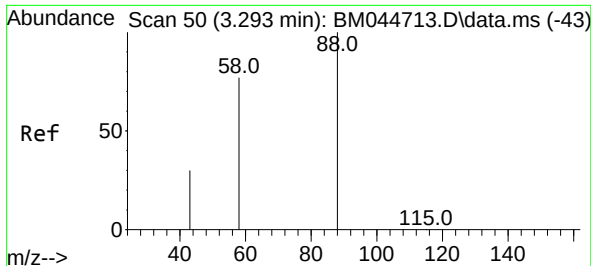
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

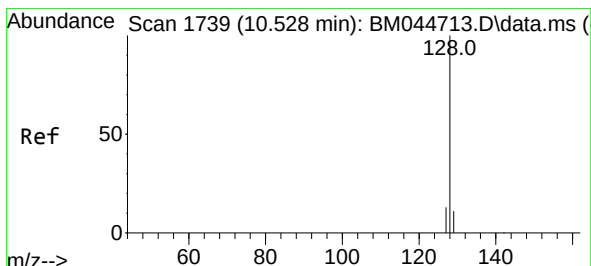
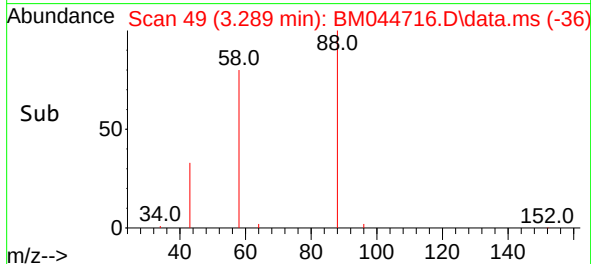
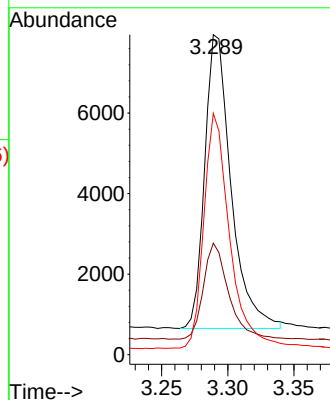
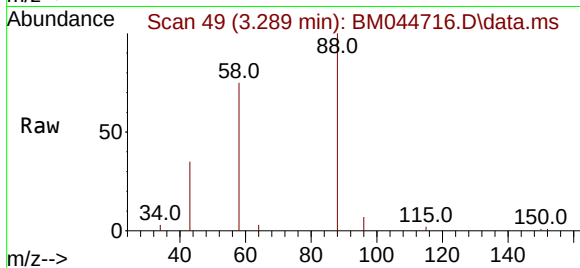




#2
 1,4-Dioxane
 Concen: 2.156 ng/ul
 RT: 3.289 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BM044716.D
 Acq: 22 Mar 2024 01:57

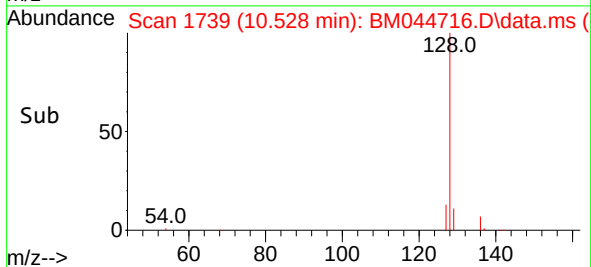
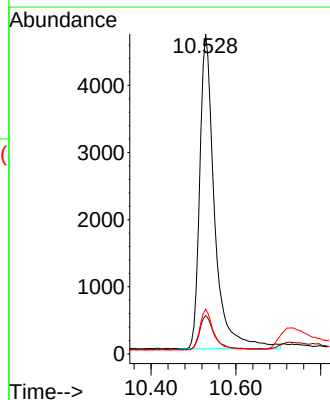
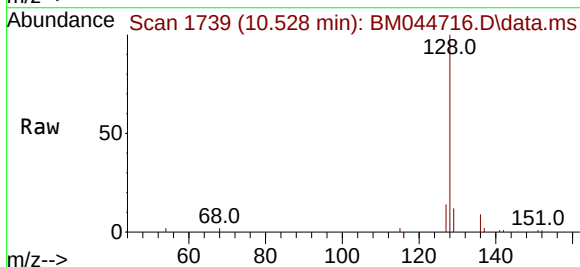
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 BNA_M
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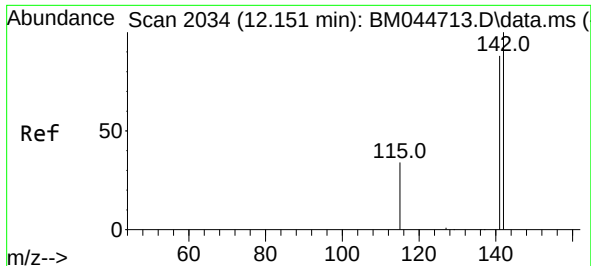
Tgt Ion: 88 Resp: 10107
 Ion Ratio Lower Upper
 88 100
 43 34.9 21.4 32.0#
 58 75.4 35.6 53.4#



#5
 Naphthalene
 Concen: 0.379 ng/ul
 RT: 10.528 min Scan# 1739
 Delta R.T. 0.000 min
 Lab File: BM044716.D
 Acq: 22 Mar 2024 01:57

Tgt Ion:128 Resp: 11396
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.2 13.8
 127 14.0 10.3 15.5

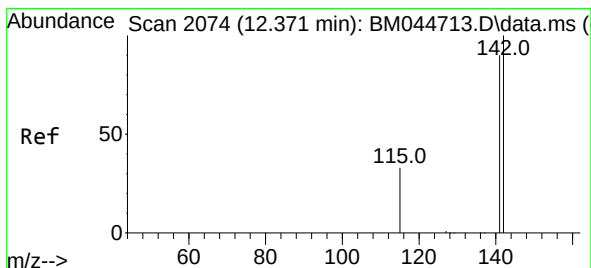
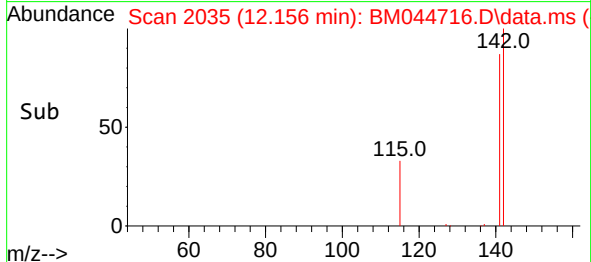
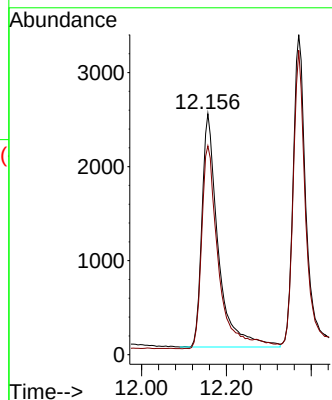
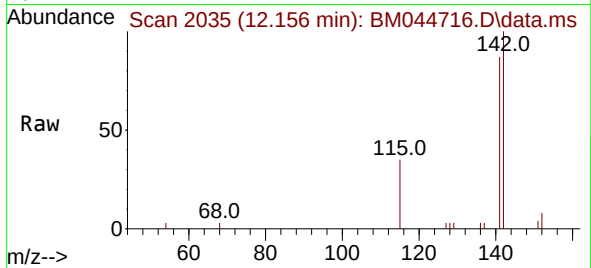




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.156 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

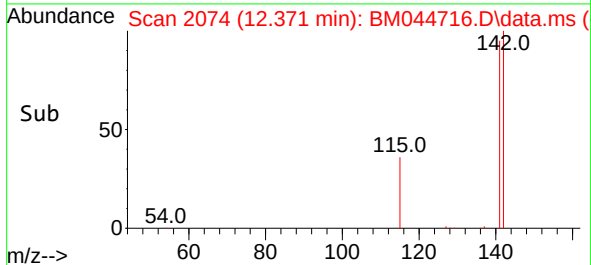
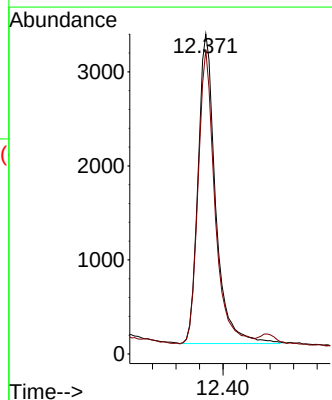
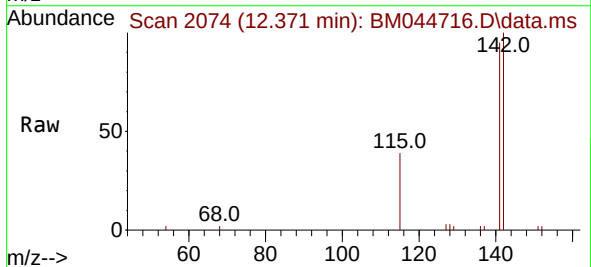
Instrument :
BNA_M
ClientSampleId :
SLCS694

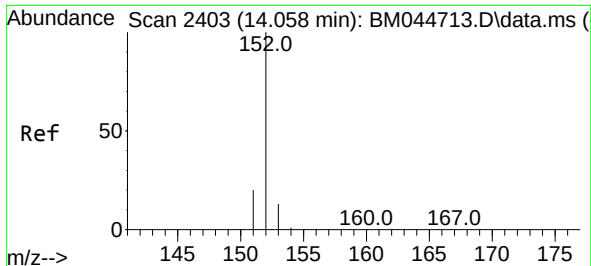
Tgt Ion:142 Resp: 6625
Ion Ratio Lower Upper
142 100
141 91.0 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:142 Resp: 6815
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7

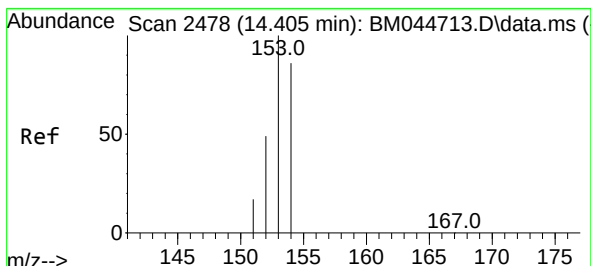
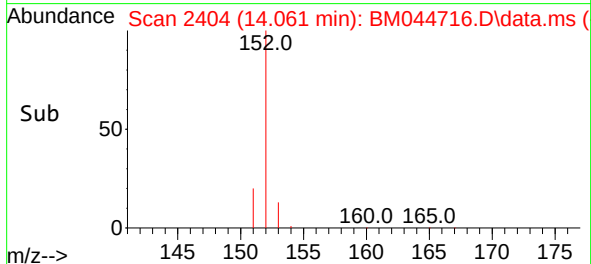
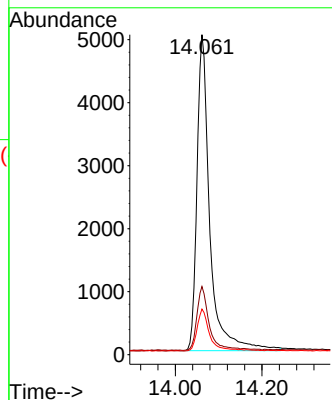
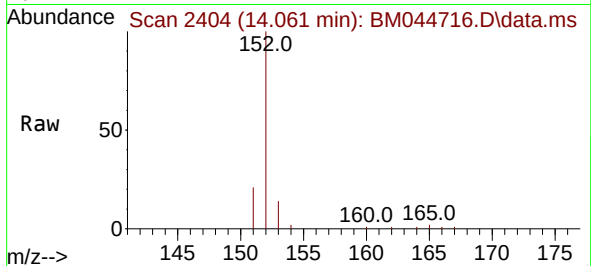




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.061 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

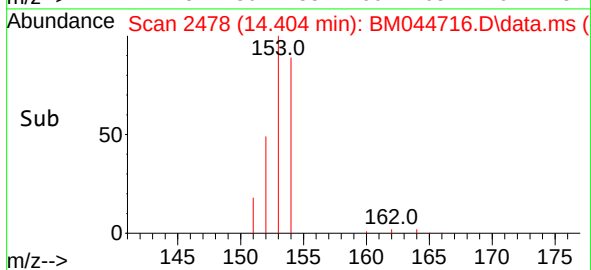
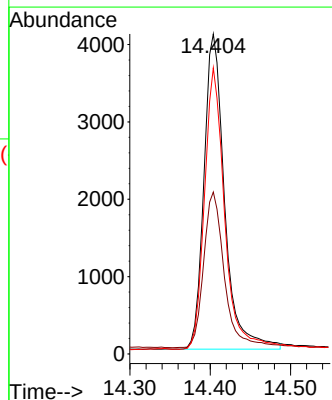
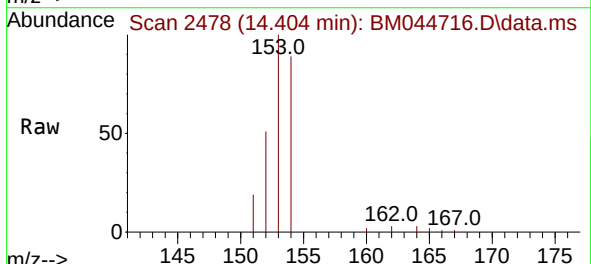
Instrument :
BNA_M
ClientSampleId :
SLCS694

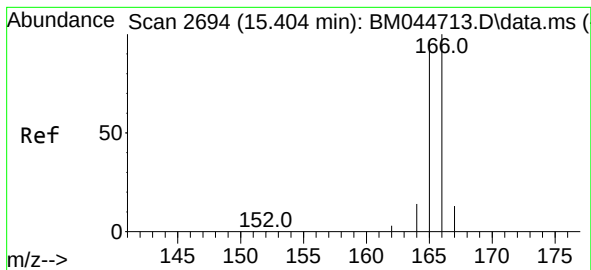
Tgt Ion:152 Resp: 10296
Ion Ratio Lower Upper
152 100
151 21.3 15.8 23.8
153 14.3 10.8 16.2



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.404 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:153 Resp: 7291
Ion Ratio Lower Upper
153 100
152 50.6 40.7 61.1
154 89.4 70.6 106.0





#12

Fluorene

Concen: 0.371 ng/ul

RT: 15.408 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044716.D

Acq: 22 Mar 2024 01:57

Instrument :

BNA_M

ClientSampleId :

SLCS694

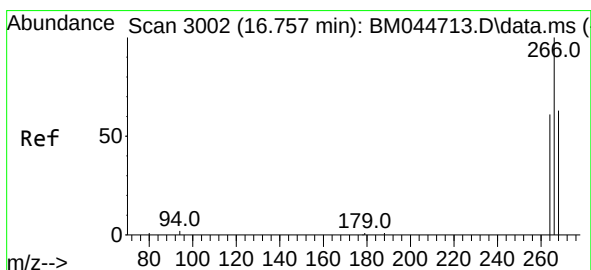
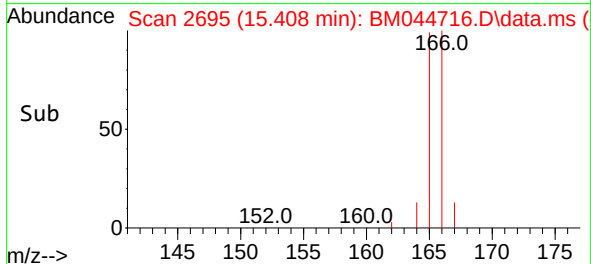
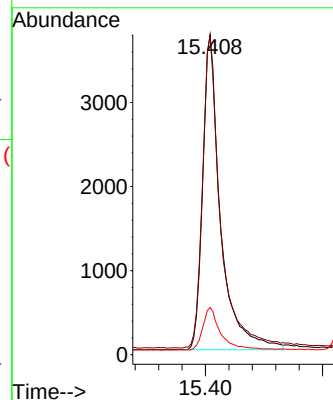
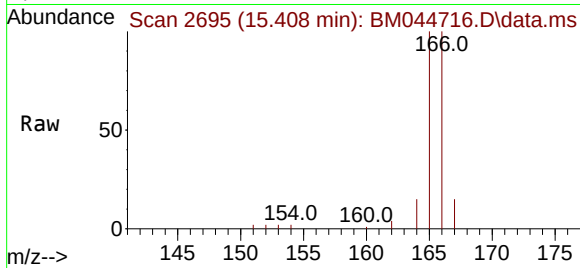
Tgt Ion:166 Resp: 7962

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

167 14.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.844 ng/ul

RT: 16.756 min Scan# 3002

Delta R.T. -0.008 min

Lab File: BM044716.D

Acq: 22 Mar 2024 01:57

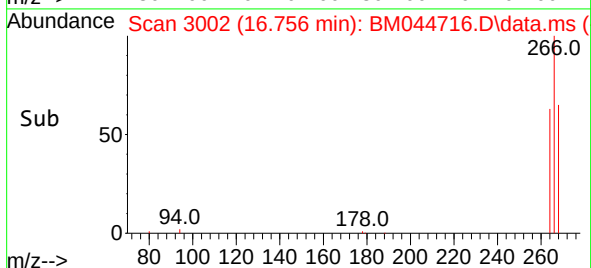
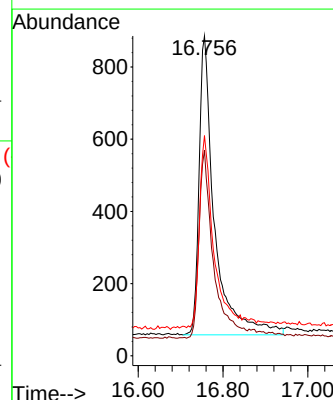
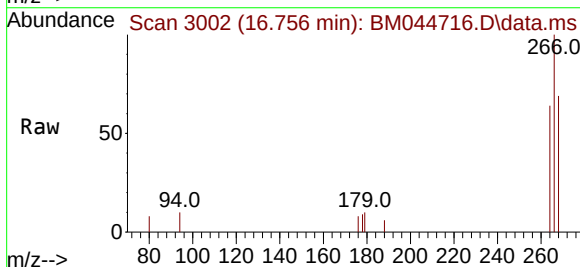
Tgt Ion:266 Resp: 2093

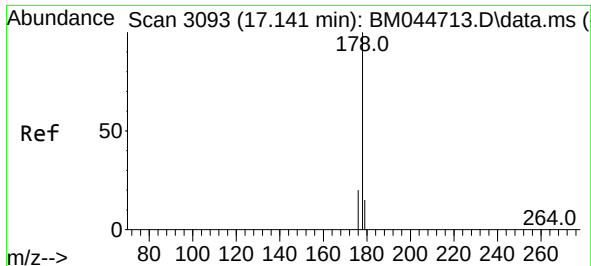
Ion Ratio Lower Upper

266 100

264 62.2 49.5 74.3

268 63.0 48.1 72.1

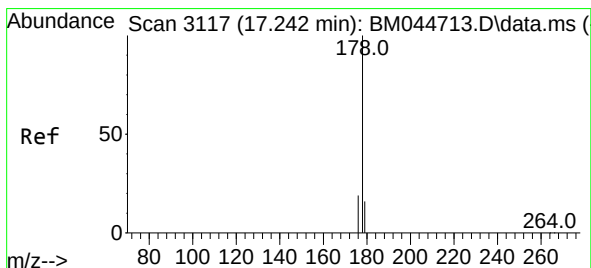
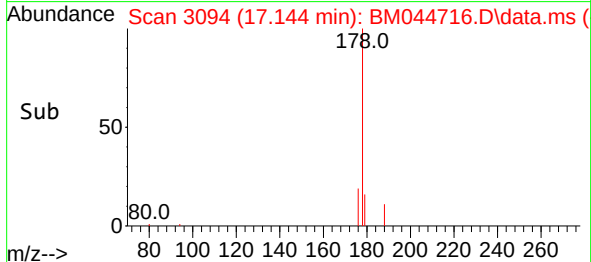
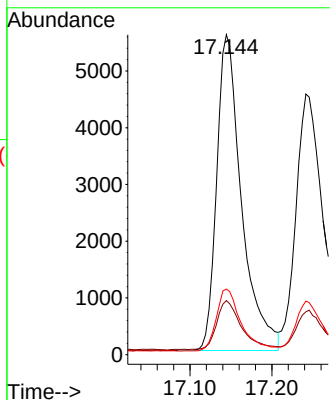
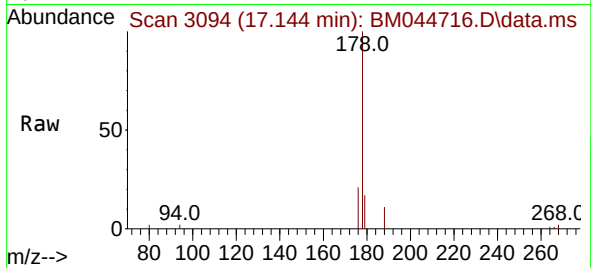




#15
Phenanthrene
Concen: 0.380 ng/u1
RT: 17.144 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

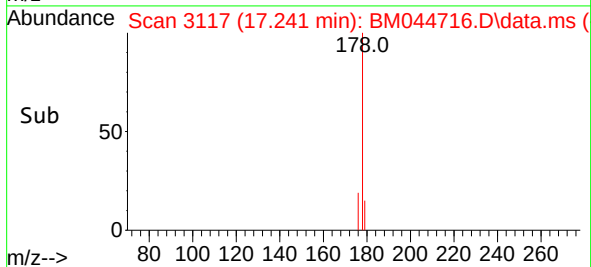
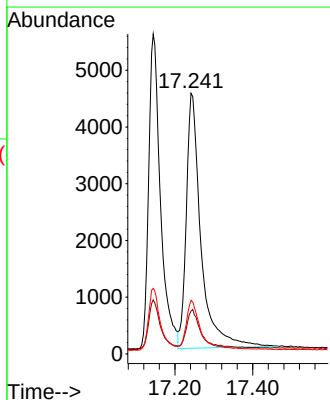
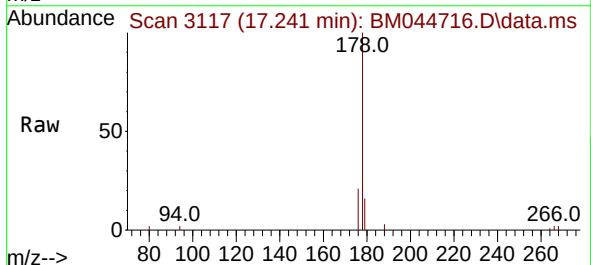
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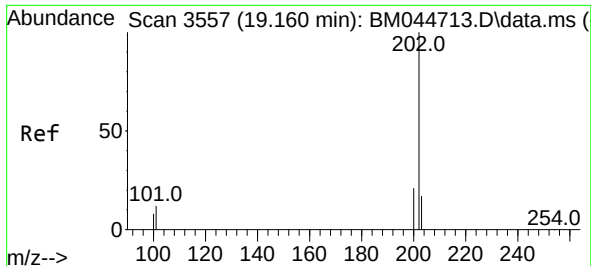
Tgt Ion:178 Resp: 11737
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 20.5 15.8 23.8



#16
Anthracene
Concen: 0.406 ng/u1
RT: 17.241 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:178 Resp: 11776
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 20.6 15.2 22.8

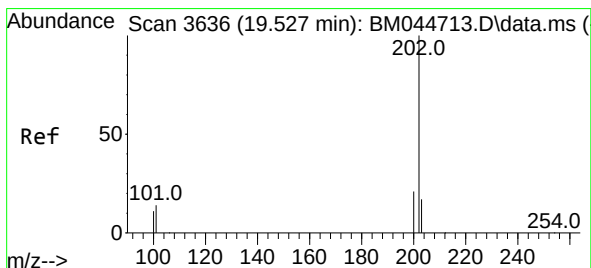
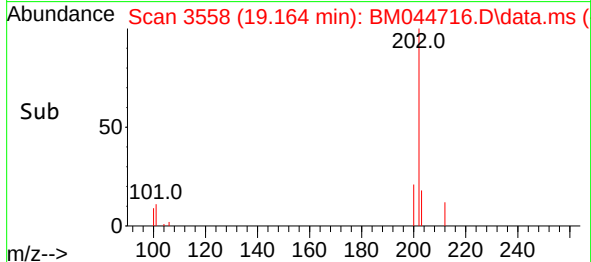
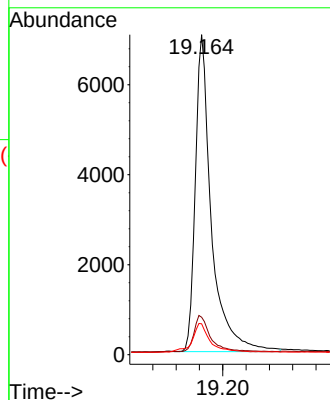
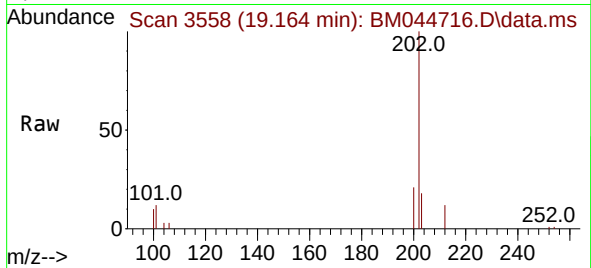




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.164 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

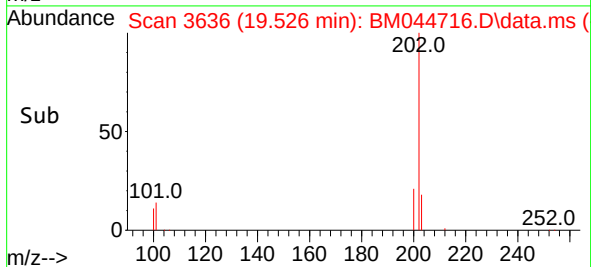
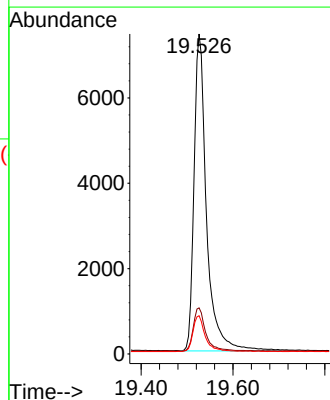
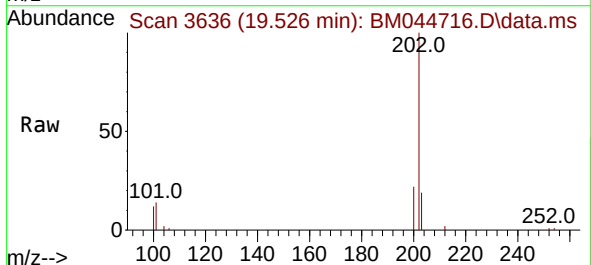
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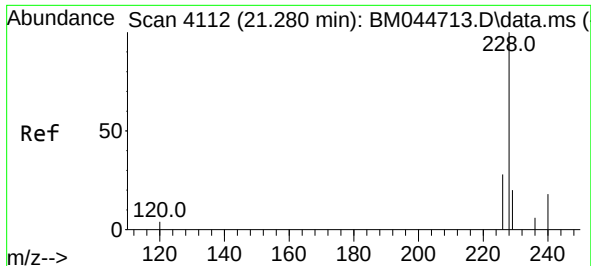
Tgt Ion:202 Resp: 13455
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 9.6 6.8 10.2



#20
Pyrene
Concen: 0.336 ng/ul
RT: 19.526 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:202 Resp: 13994
Ion Ratio Lower Upper
202 100
101 14.4 10.8 16.2
100 12.0 8.4 12.6

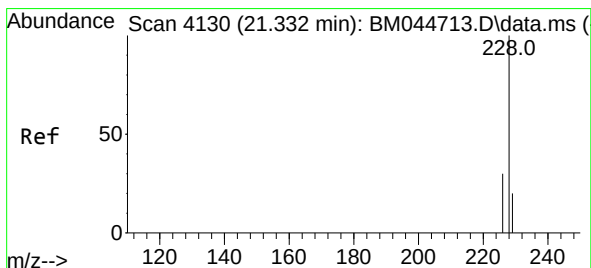
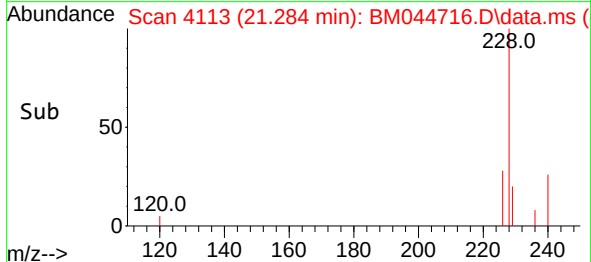
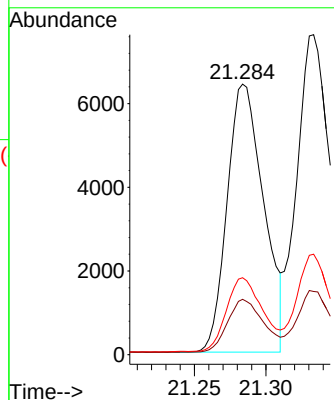
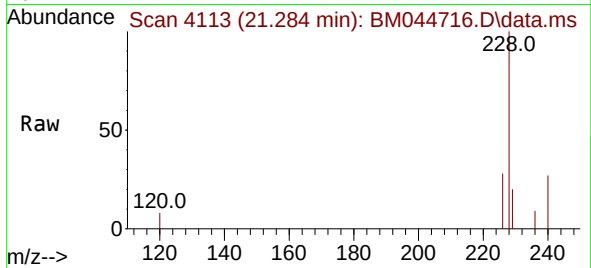




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.284 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

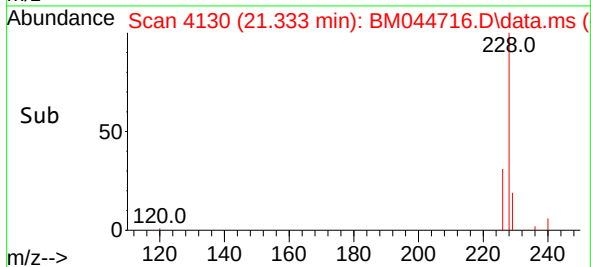
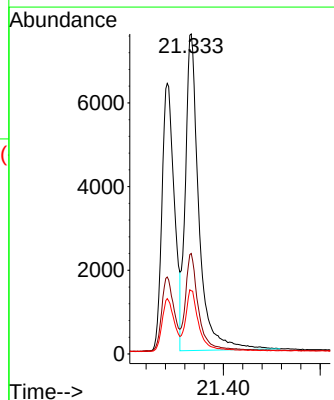
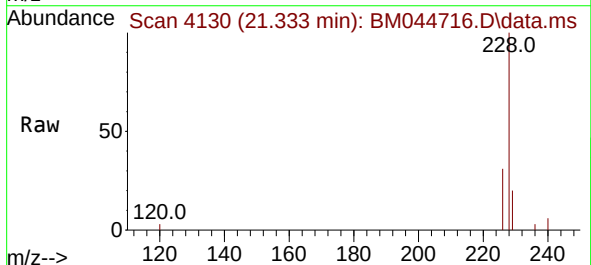
Instrument :
BNA_M
ClientSampleId :
SLCS694

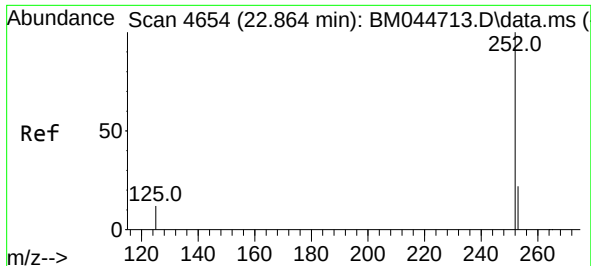
Tgt Ion:228 Resp: 11390
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.4 22.2 33.2



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.333 min Scan# 4130
Delta R.T. -0.003 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:228 Resp: 14677
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 19.8 15.7 23.5

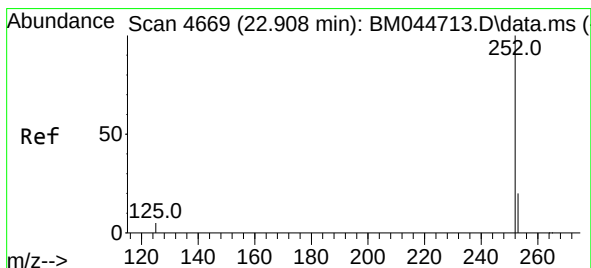
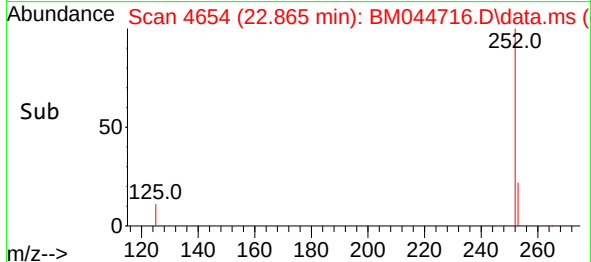
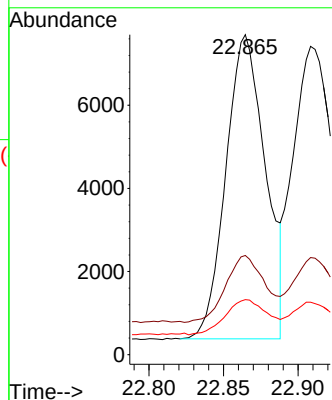
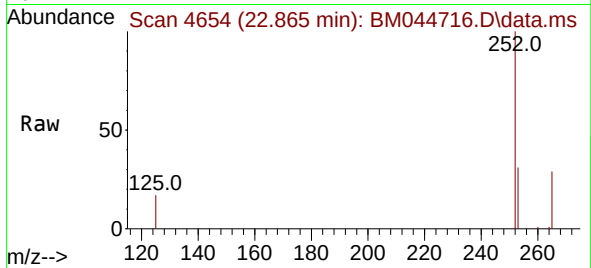




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.865 min Scan# 4654
Delta R.T. -0.009 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

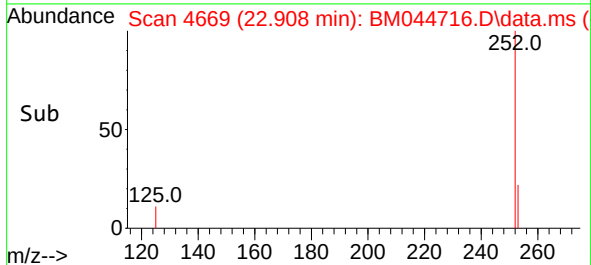
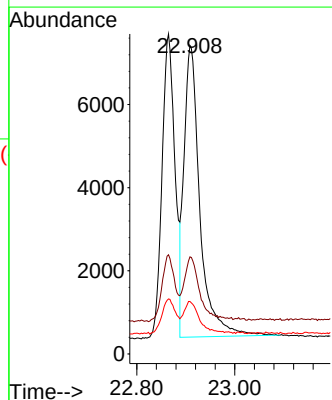
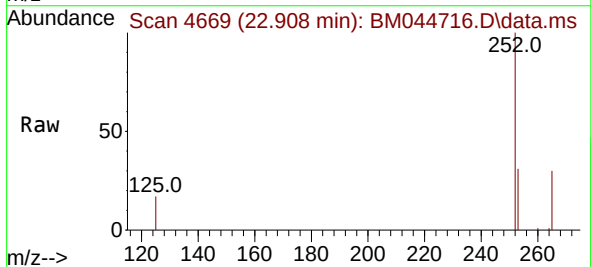
Instrument :
BNA_M
ClientSampleId :
SLCS694

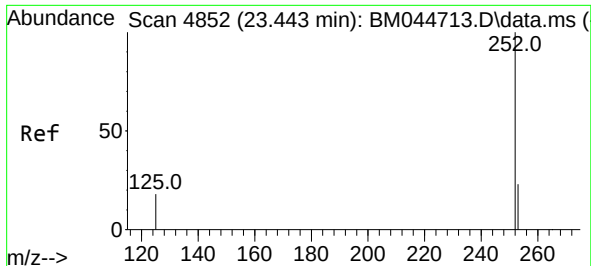
Tgt Ion:252 Resp: 13472
Ion Ratio Lower Upper
252 100
253 31.0 0.0 54.6
125 17.2 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 22.908 min Scan# 4669
Delta R.T. -0.009 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:252 Resp: 15780
Ion Ratio Lower Upper
252 100
253 31.5 22.6 33.8
125 17.0 11.4 17.2

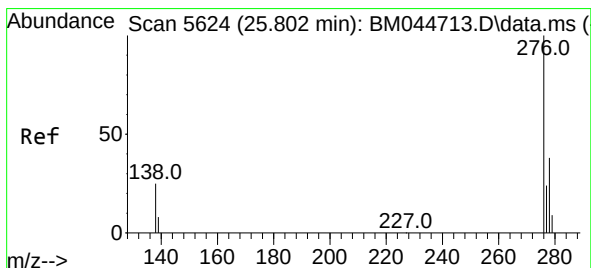
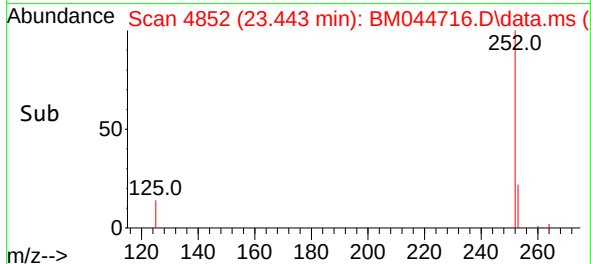
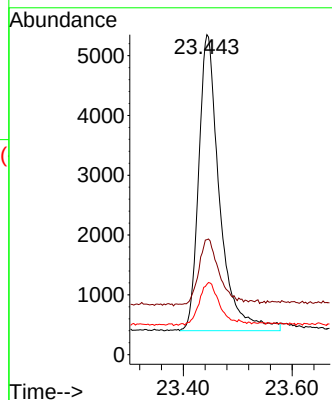
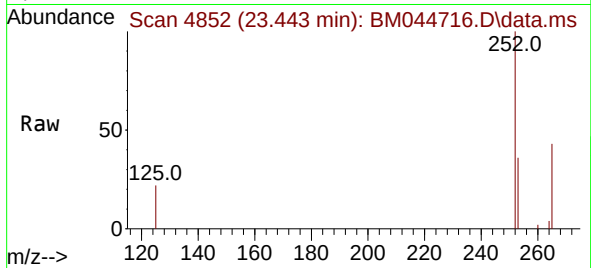




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.443 min Scan# 4852
Delta R.T. -0.009 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

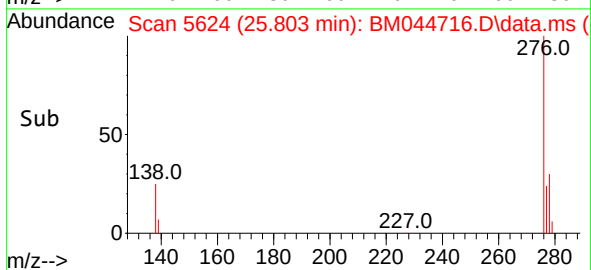
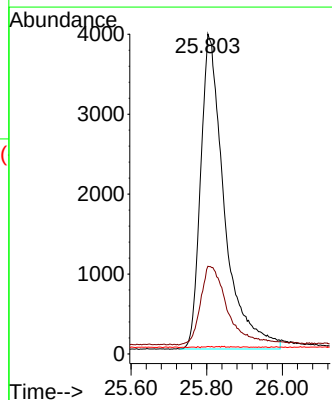
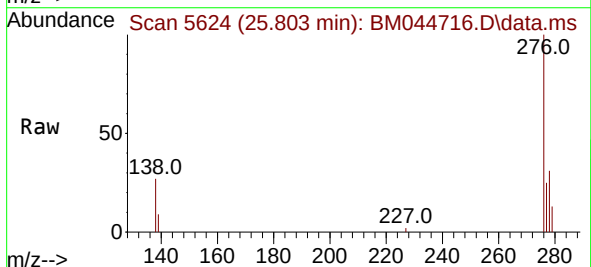
Instrument :
BNA_M
ClientSampleId :
SLCS694

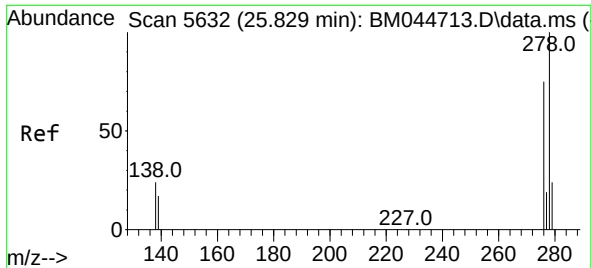
Tgt Ion:252 Resp: 13154
Ion Ratio Lower Upper
252 100
253 36.0 25.2 37.8
125 22.0 14.2 21.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng/ul
RT: 25.803 min Scan# 5624
Delta R.T. -0.017 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:276 Resp: 17155
Ion Ratio Lower Upper
276 100
138 28.7 21.9 32.9
227 0.1 0.0 0.0#

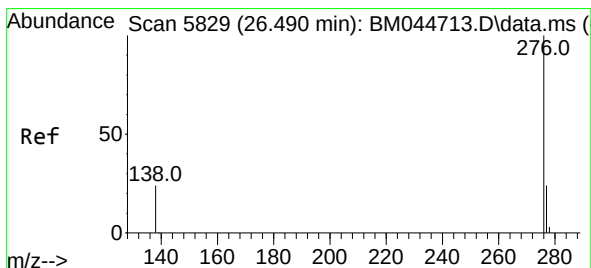
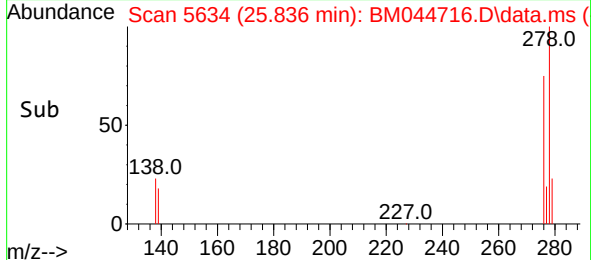
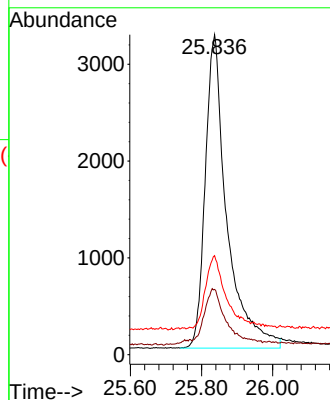
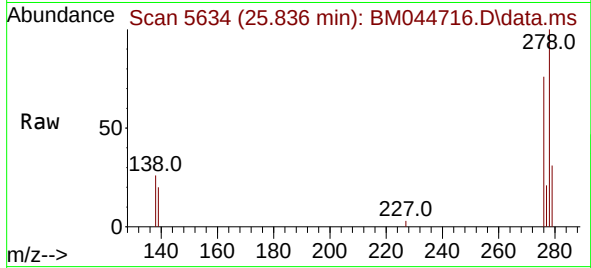




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 25.836 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS694

Tgt Ion:278 Resp: 13625
Ion Ratio Lower Upper
278 100
139 20.4 15.9 23.9
279 31.0 24.1 36.1



#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.490 min Scan# 5829
Delta R.T. -0.017 min
Lab File: BM044716.D
Acq: 22 Mar 2024 01:57

Tgt Ion:276 Resp: 15137
Ion Ratio Lower Upper
276 100
138 25.4 20.1 30.1
277 25.4 19.6 29.4

