

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032224\
 Data File : BM044717.D
 Acq On : 22 Mar 2024 02:33
 Operator : MA/JU
 Sample : PB159720BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS720

Quant Time: Mar 22 03:07:37 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)

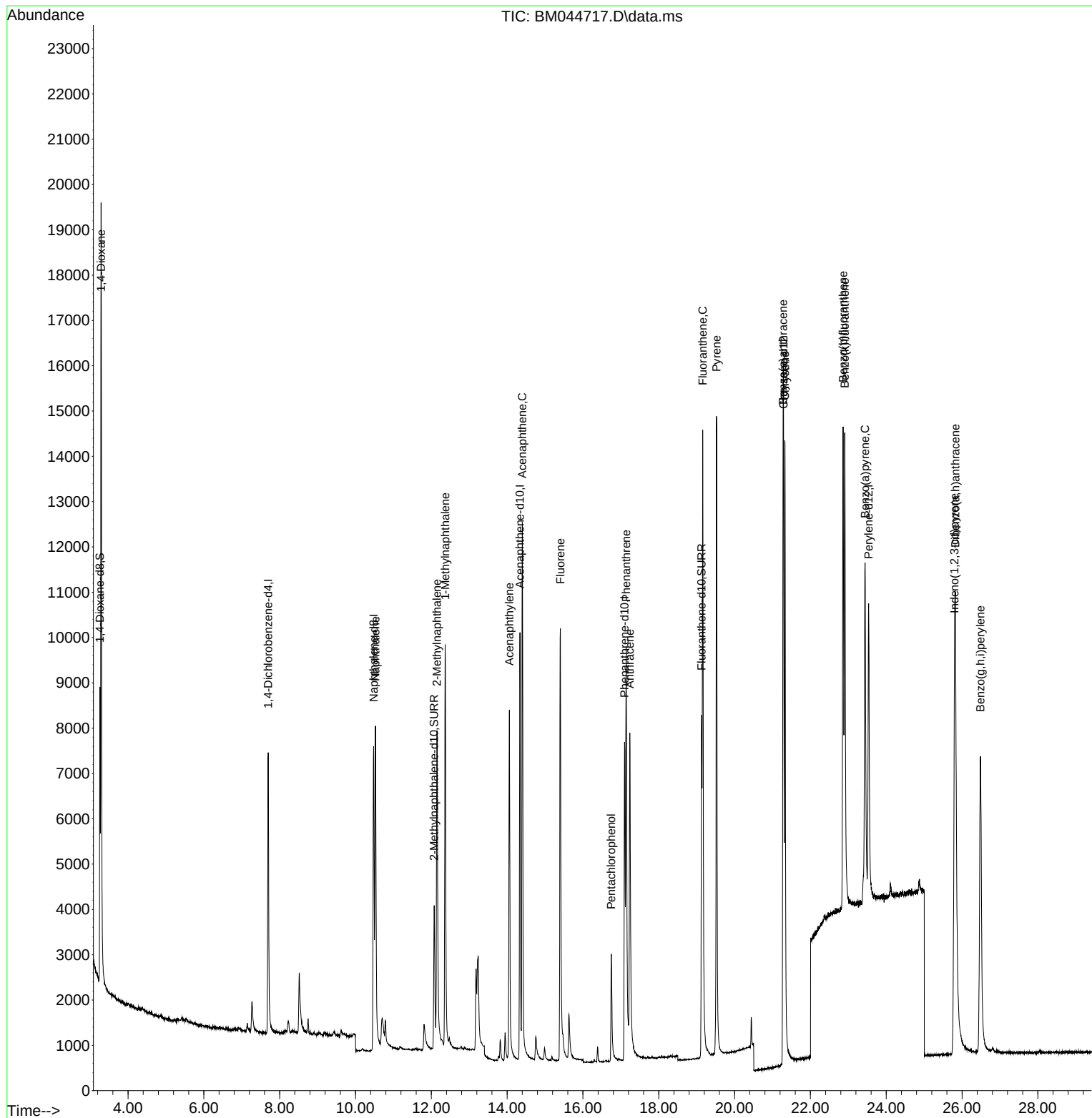
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	3878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	12034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.339	164	5774	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	11423	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	9204	0.400	ng/ul	0.00
23) Perylene-d12	23.537	264	10436	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	3993	0.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	6141	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.131	212	10392	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.289	88	10979	2.113	ng/ul#	63
5) Naphthalene	10.528	128	12448	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.151	142	7414	0.346	ng/ul	100
8) 1-Methylnaphthalene	12.365	142	7473	0.345	ng/ul	100
10) Acenaphthylene	14.061	152	11271	0.384	ng/ul	99
11) Acenaphthene	14.399	153	7979	0.377	ng/ul	99
12) Fluorene	15.403	166	8678	0.358	ng/ul	99
14) Pentachlorophenol	16.747	266	2319	0.842	ng/ul	97
15) Phenanthrene	17.140	178	12559	0.366	ng/ul	98
16) Anthracene	17.237	178	12723	0.395	ng/ul	98
19) Fluoranthene	19.159	202	14280	0.317	ng/ul	96
20) Pyrene	19.521	202	14852	0.322	ng/ul	97
21) Benzo(a)anthracene	21.278	228	12739	0.364	ng/ul	100
22) Chrysene	21.330	228	15117	0.384	ng/ul	99
24) Benzo(b)fluoranthene	22.862	252	14538	0.365	ng/ul	94
25) Benzo(k)fluoranthene	22.905	252	16314	0.378	ng/ul	97
26) Benzo(a)pyrene	23.440	252	13981	0.387	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.799	276	18613	0.447	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.823	278	14699	0.458	ng/ul	99
29) Benzo(g,h,i)perylene	26.487	276	16141	0.442	ng/ul	99

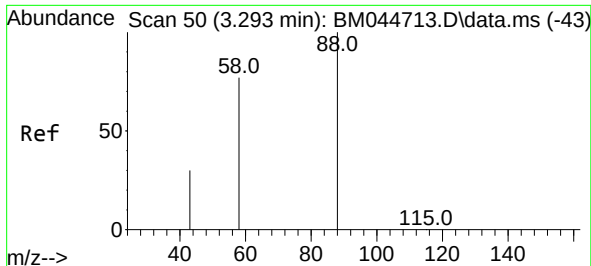
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032224\
Data File : BM044717.D
Acq On : 22 Mar 2024 02:33
Operator : MA/JU
Sample : PB159720BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS720

Quant Time: Mar 22 03:07:37 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

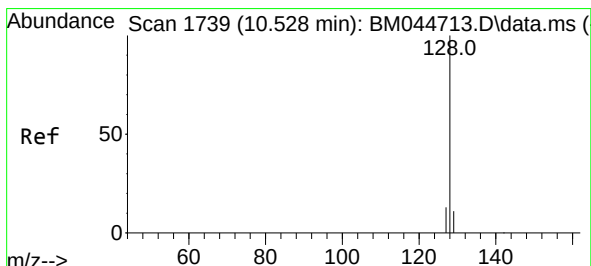
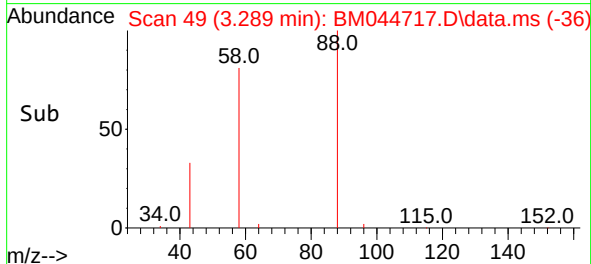
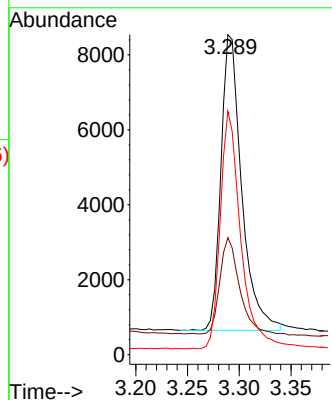
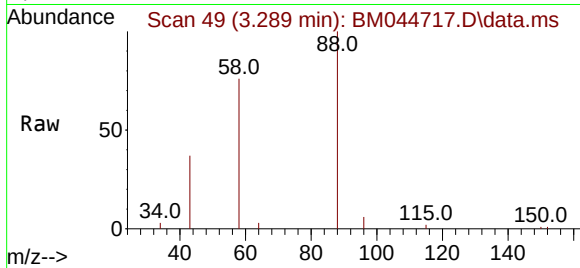




#2
1,4-Dioxane
Concen: 2.113 ng/ul
RT: 3.289 min Scan# 49
Delta R.T. -0.004 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

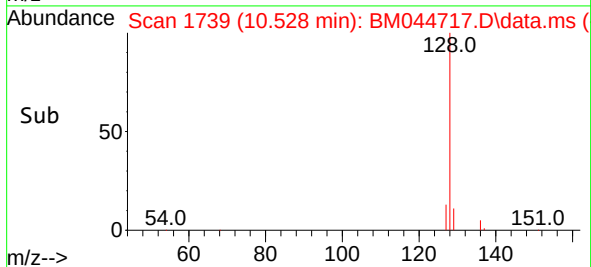
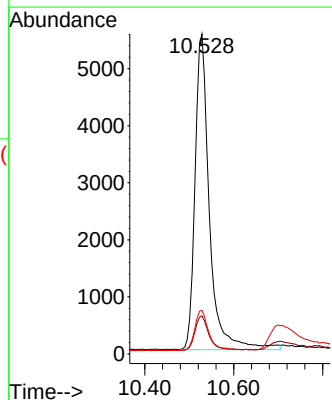
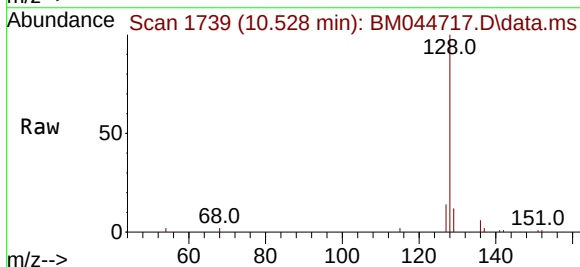
Instrument :
BNA_M
ClientSampleId :
SLCS720

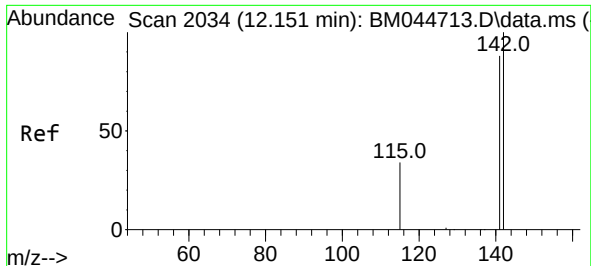
Tgt Ion: 88 Resp: 10979
Ion Ratio Lower Upper
88 100
43 36.6 21.4 32.0#
58 76.0 35.6 53.4#



#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.528 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:128 Resp: 12448
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.3 15.5

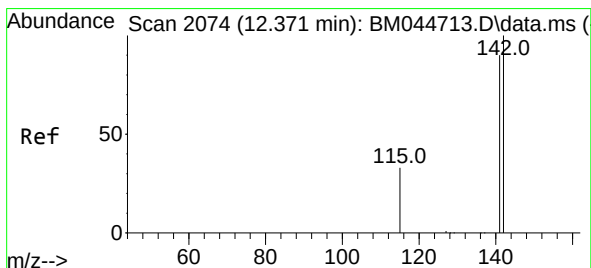
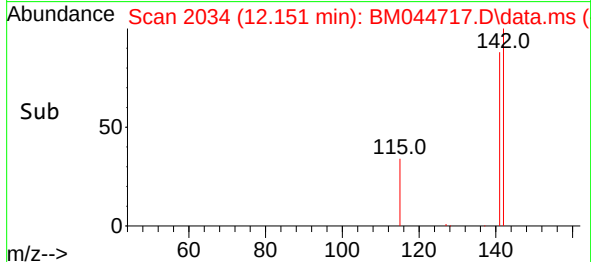
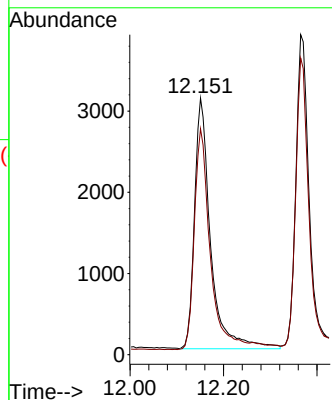
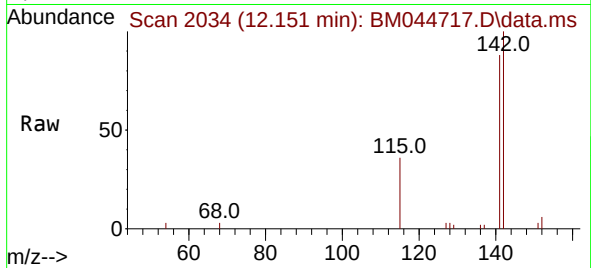




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.151 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

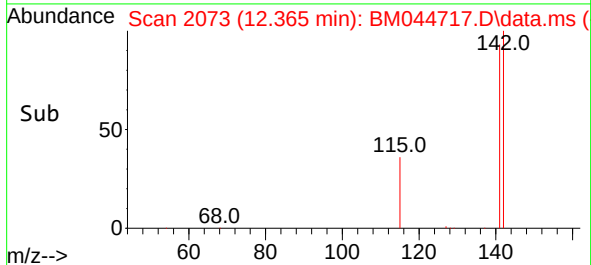
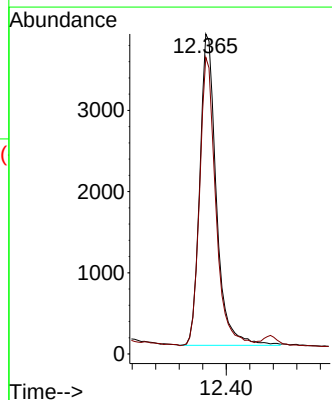
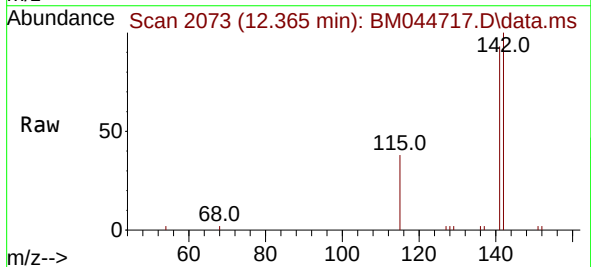
Instrument :
BNA_M
ClientSampleId :
SLCS720

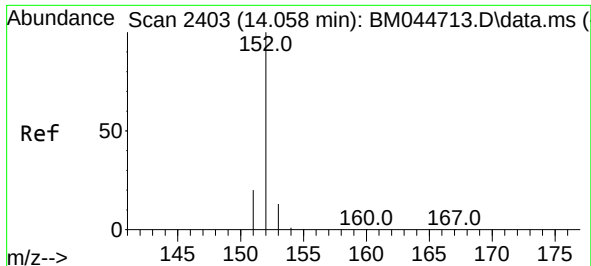
Tgt Ion:142 Resp: 7414
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:142 Resp: 7473
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7

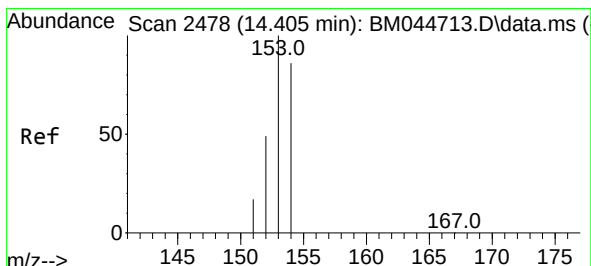
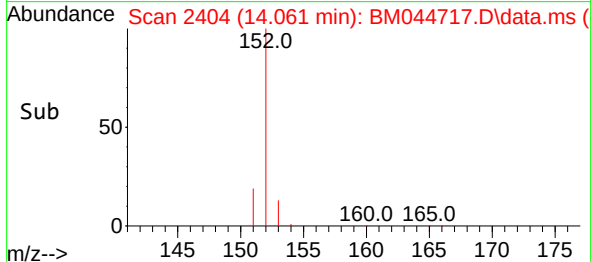
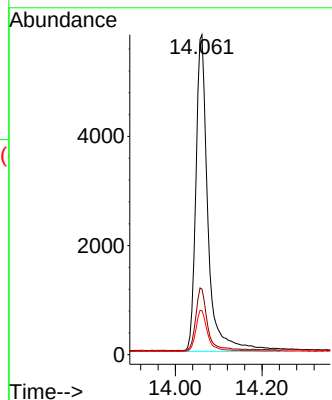
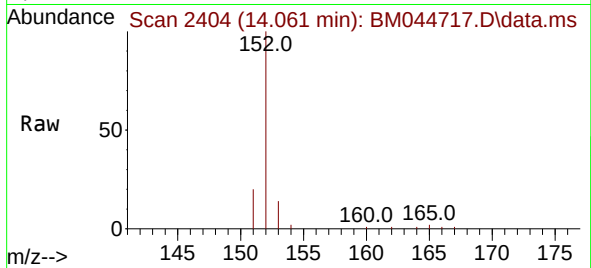




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.061 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

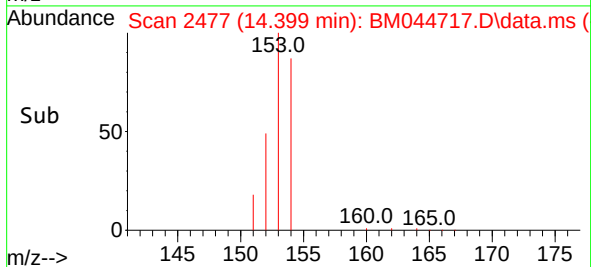
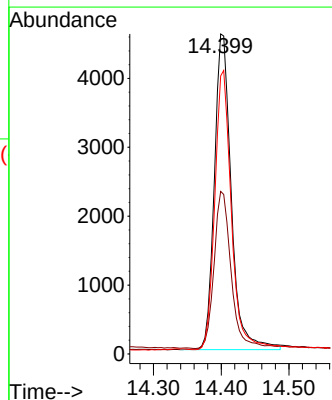
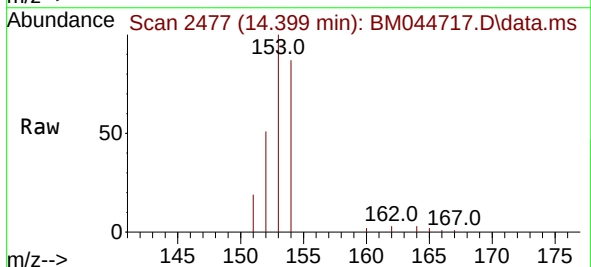
Instrument :
BNA_M
ClientSampleId :
SLCS720

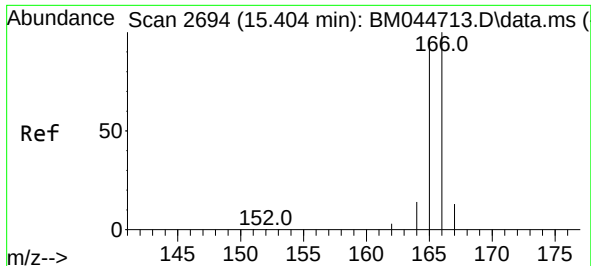
Tgt Ion:152	Resp:	11271
Ion Ratio	Lower	Upper
152	100	
151	20.5	15.8 23.8
153	13.8	10.8 16.2



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.399 min Scan# 2477
Delta R.T. -0.009 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:153	Resp:	7979
Ion Ratio	Lower	Upper
153	100	
152	50.8	40.7 61.1
154	86.9	70.6 106.0

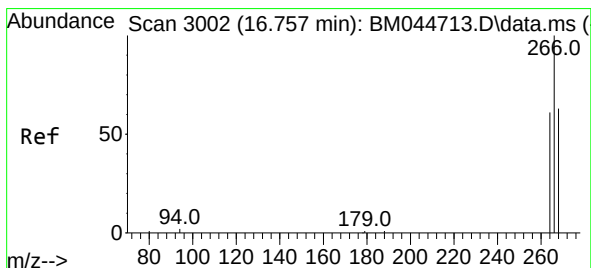
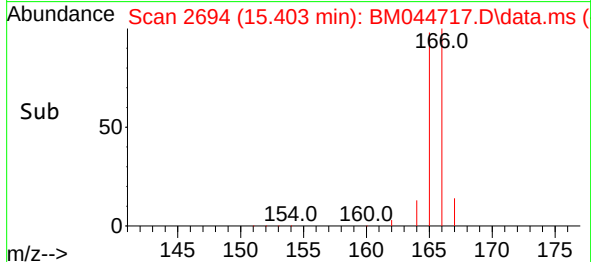
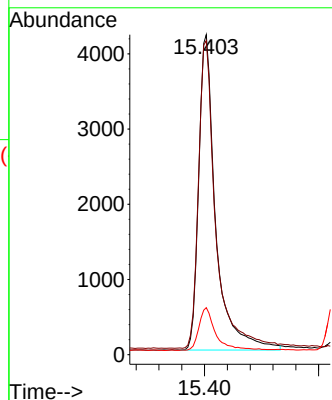
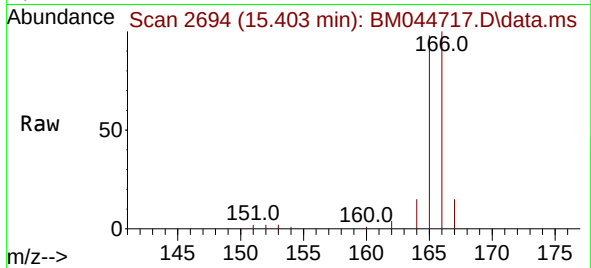




#12
 Fluorene
 Concen: 0.358 ng/ul
 RT: 15.403 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BM044717.D
 Acq: 22 Mar 2024 02:33

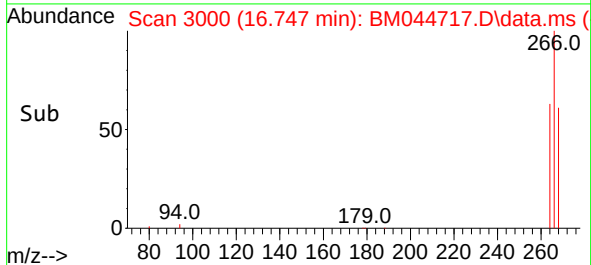
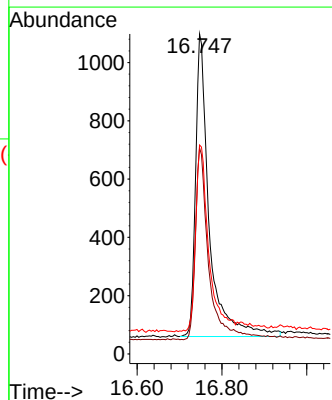
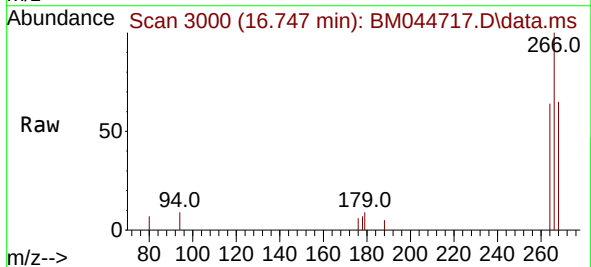
Instrument :
 BNA_M
 ClientSampleId :
 SLCS720

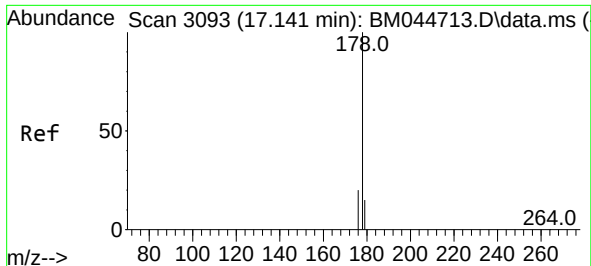
Tgt Ion:166 Resp: 8678
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.4 119.0
 167 14.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.842 ng/ul
 RT: 16.747 min Scan# 3000
 Delta R.T. -0.017 min
 Lab File: BM044717.D
 Acq: 22 Mar 2024 02:33

Tgt Ion:266 Resp: 2319
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.5 74.3
 268 64.1 48.1 72.1

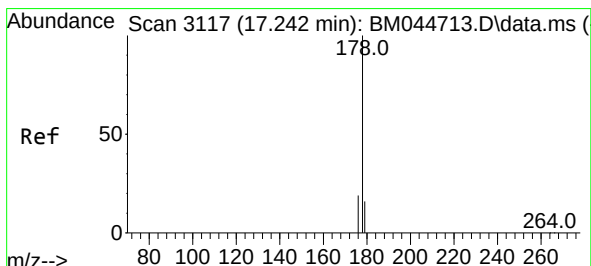
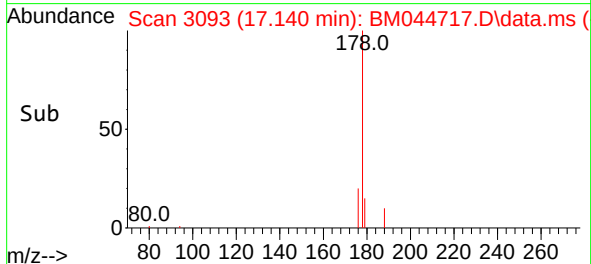
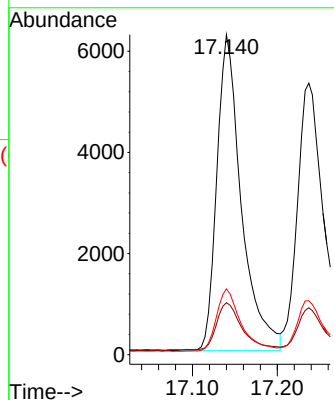
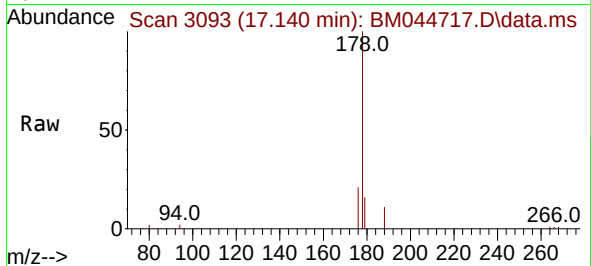




#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.004 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

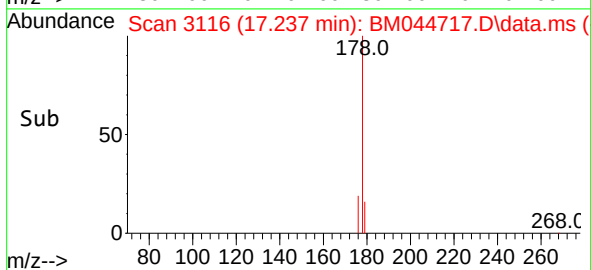
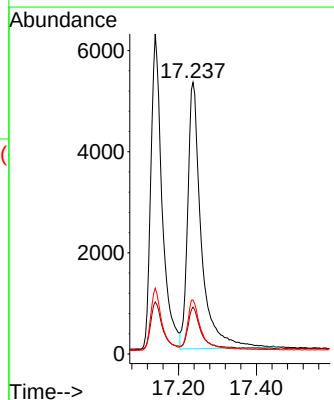
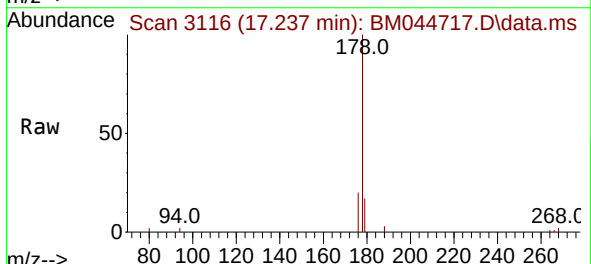
Instrument :
BNA_M
ClientSampleId :
SLCS720

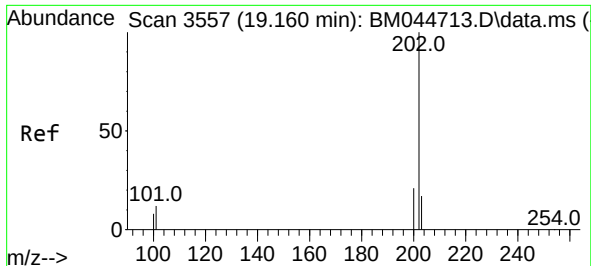
Tgt Ion:178 Resp: 12559
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 20.6 15.8 23.8



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.237 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:178 Resp: 12723
Ion Ratio Lower Upper
178 100
179 17.3 12.8 19.2
176 19.8 15.2 22.8

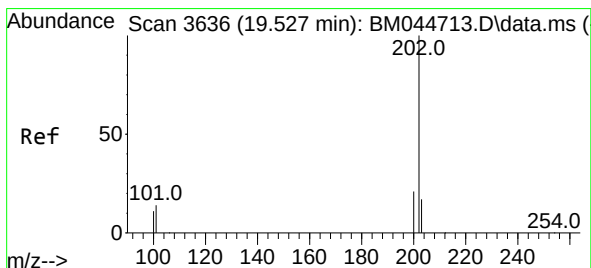
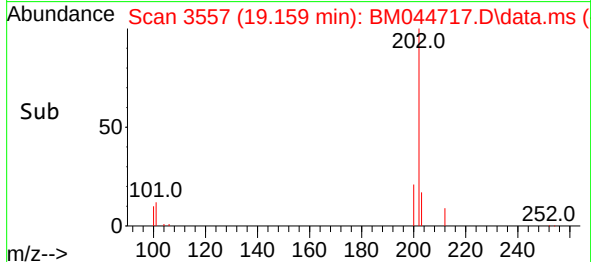
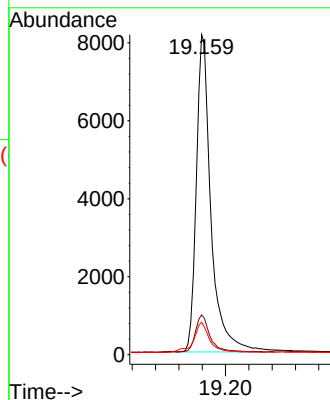
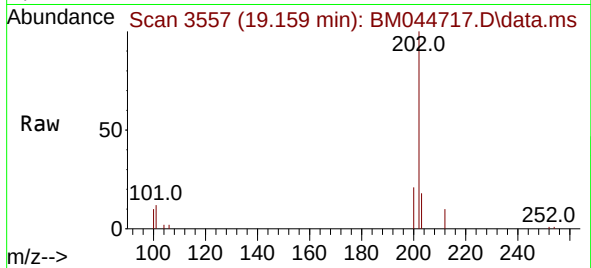




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.159 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

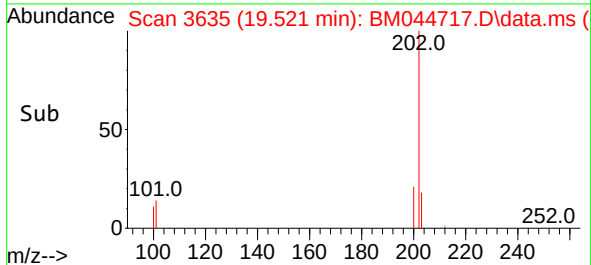
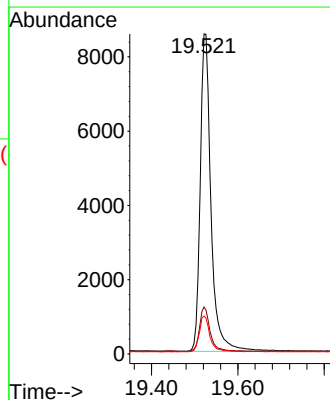
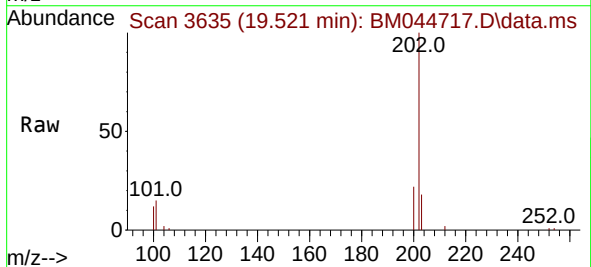
Instrument :
BNA_M
ClientSampleId :
SLCS720

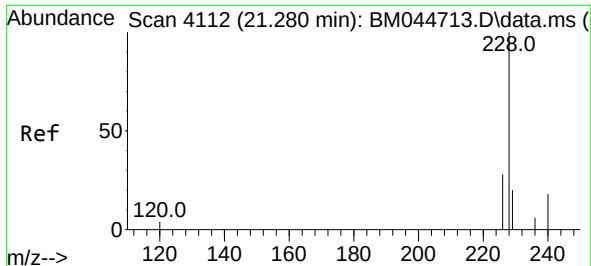
Tgt Ion:202 Resp: 14280
Ion Ratio Lower Upper
202 100
101 12.5 9.0 13.4
100 10.1 6.8 10.2



#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.521 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:202 Resp: 14852
Ion Ratio Lower Upper
202 100
101 14.6 10.8 16.2
100 11.8 8.4 12.6

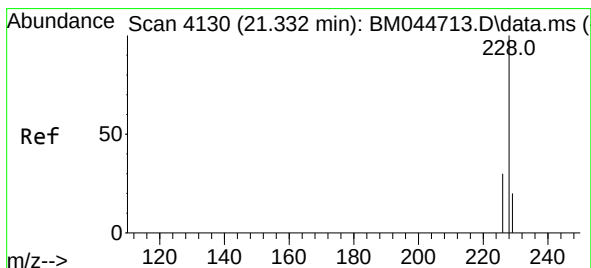
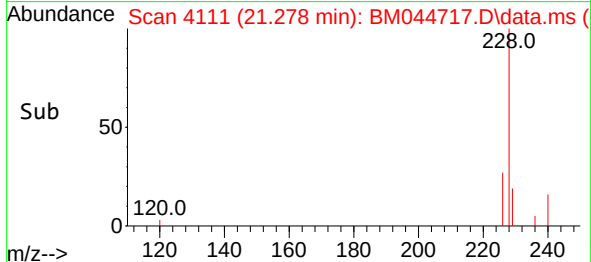
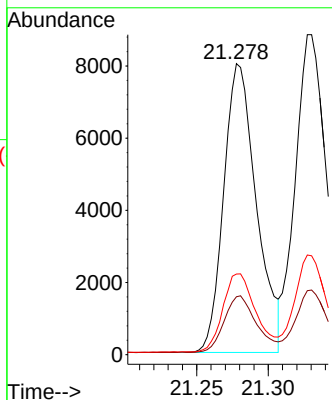
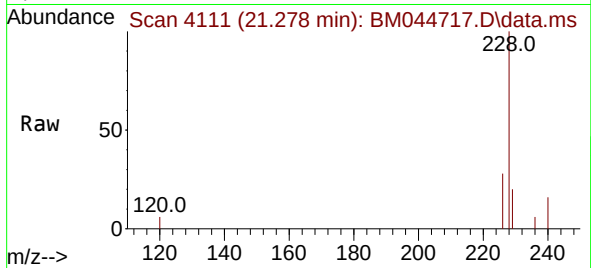




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.278 min Scan# 4112
Delta R.T. -0.009 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

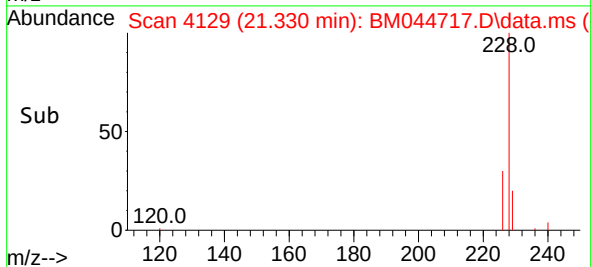
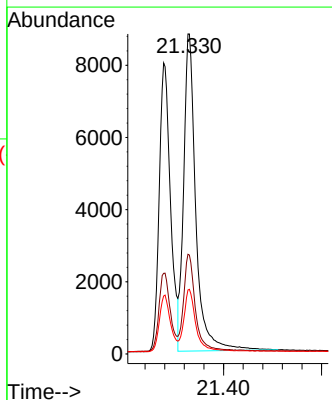
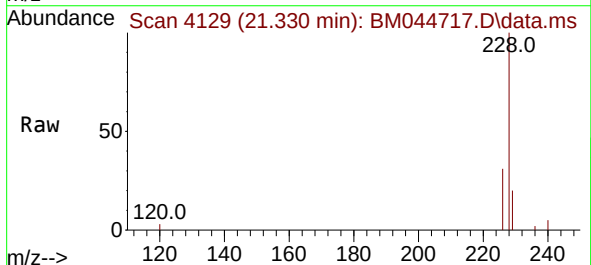
Instrument :
BNA_M
ClientSampleId :
SLCS720

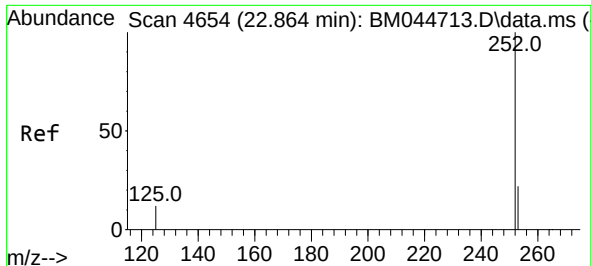
Tgt Ion:228 Resp: 12739
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.330 min Scan# 4129
Delta R.T. -0.006 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

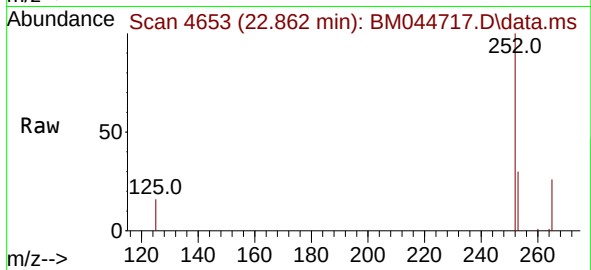
Tgt Ion:228 Resp: 15117
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.2 15.7 23.5



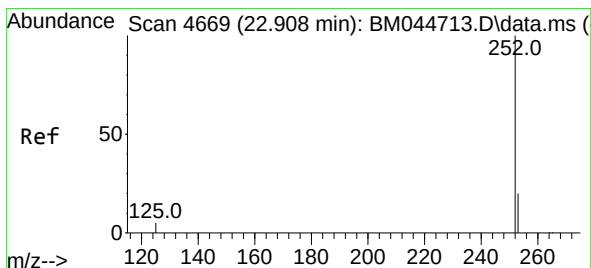
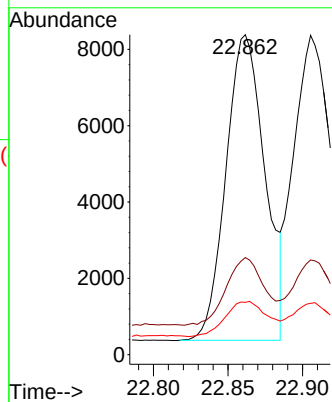
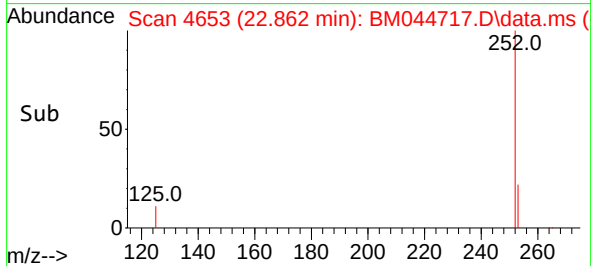


#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.862 min Scan# 4653
Delta R.T. -0.012 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

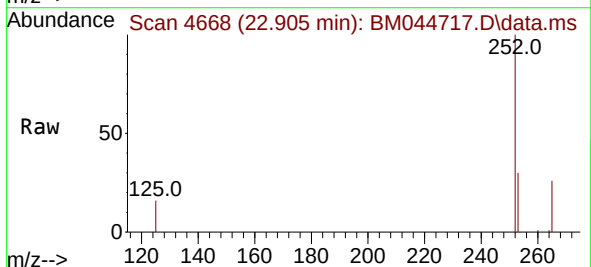
Instrument :
BNA_M
ClientSampleId :
SLCS720



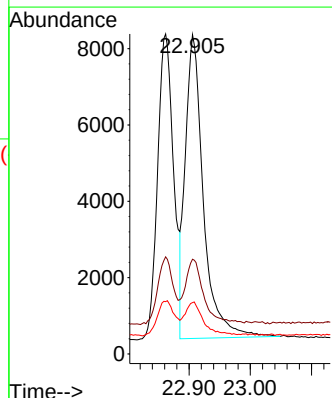
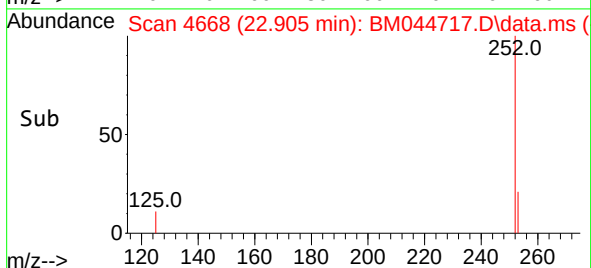
Tgt Ion:252 Resp: 14538
Ion Ratio Lower Upper
252 100
253 30.4 0.0 54.6
125 16.4 0.0 28.6

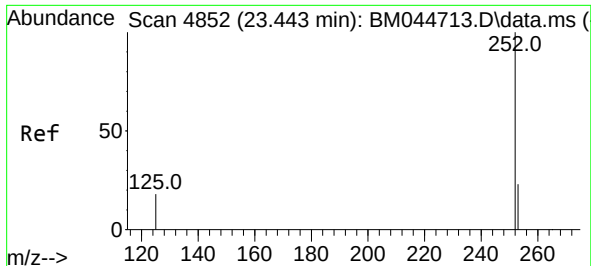


#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. -0.012 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33



Tgt Ion:252 Resp: 16314
Ion Ratio Lower Upper
252 100
253 29.6 22.6 33.8
125 16.1 11.4 17.2

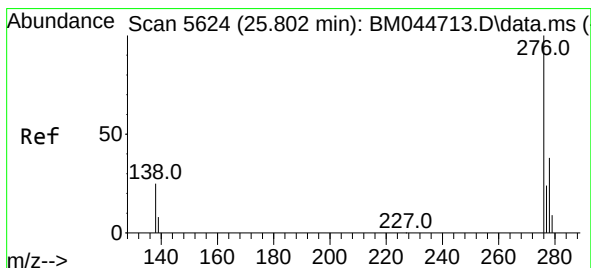
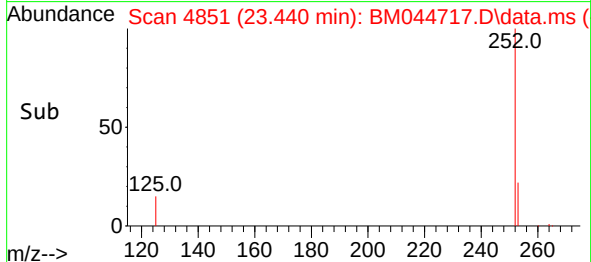
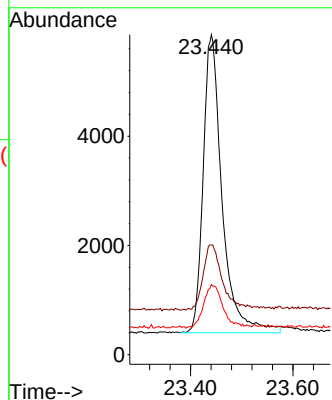
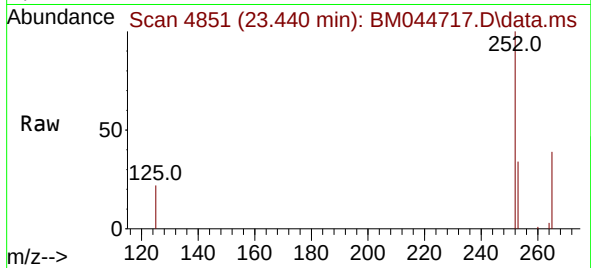




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.440 min Scan# 4852
Delta R.T. -0.012 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

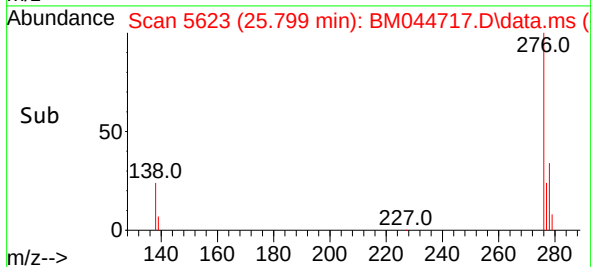
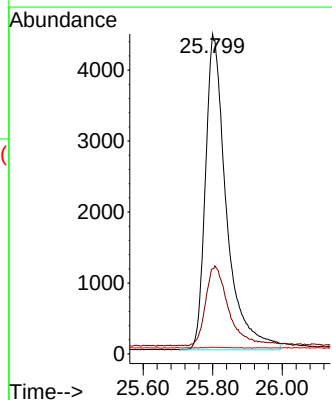
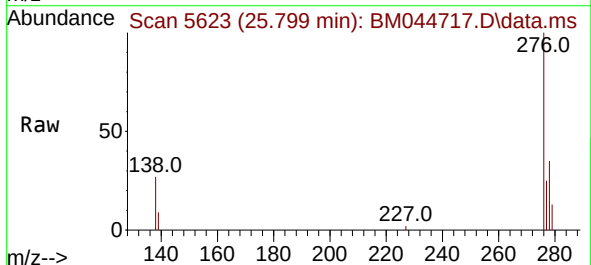
Instrument :
BNA_M
ClientSampleId :
SLCS720

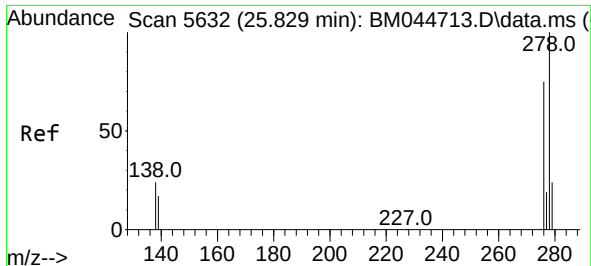
Tgt Ion:252 Resp: 13981
Ion Ratio Lower Upper
252 100
253 34.3 25.2 37.8
125 21.9 14.2 21.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.799 min Scan# 5623
Delta R.T. -0.020 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:276 Resp: 18613
Ion Ratio Lower Upper
276 100
138 27.8 21.9 32.9
227 0.2 0.0 0.0#

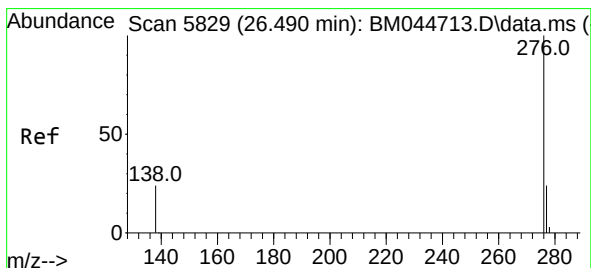
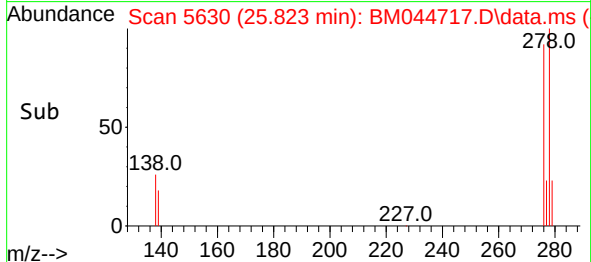
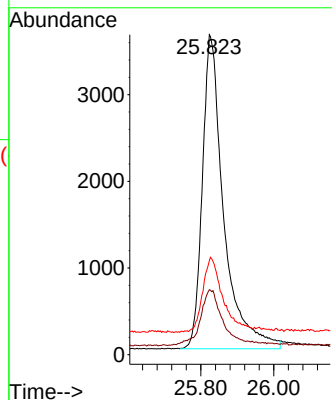
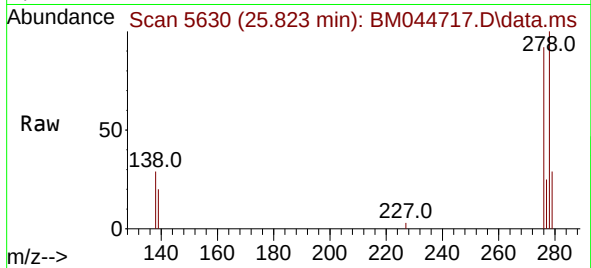




#28
Dibenzo(a,h)anthracene
Concen: 0.458 ng/ul
RT: 25.823 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Instrument :
BNA_M
ClientSampleId :
SLCS720

Tgt Ion:278 Resp: 14699
Ion Ratio Lower Upper
278 100
139 20.3 15.9 23.9
279 29.3 24.1 36.1



#29
Benzo(g,h,i)perylene
Concen: 0.442 ng/ul
RT: 26.487 min Scan# 5828
Delta R.T. -0.020 min
Lab File: BM044717.D
Acq: 22 Mar 2024 02:33

Tgt Ion:276 Resp: 16141
Ion Ratio Lower Upper
276 100
138 25.8 20.1 30.1
277 24.9 19.6 29.4

