

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044246.D
 Acq On : 22 Feb 2024 18:45
 Operator : MA/JU
 Sample : PB159093BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS093

Quant Time: Feb 22 23:35:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

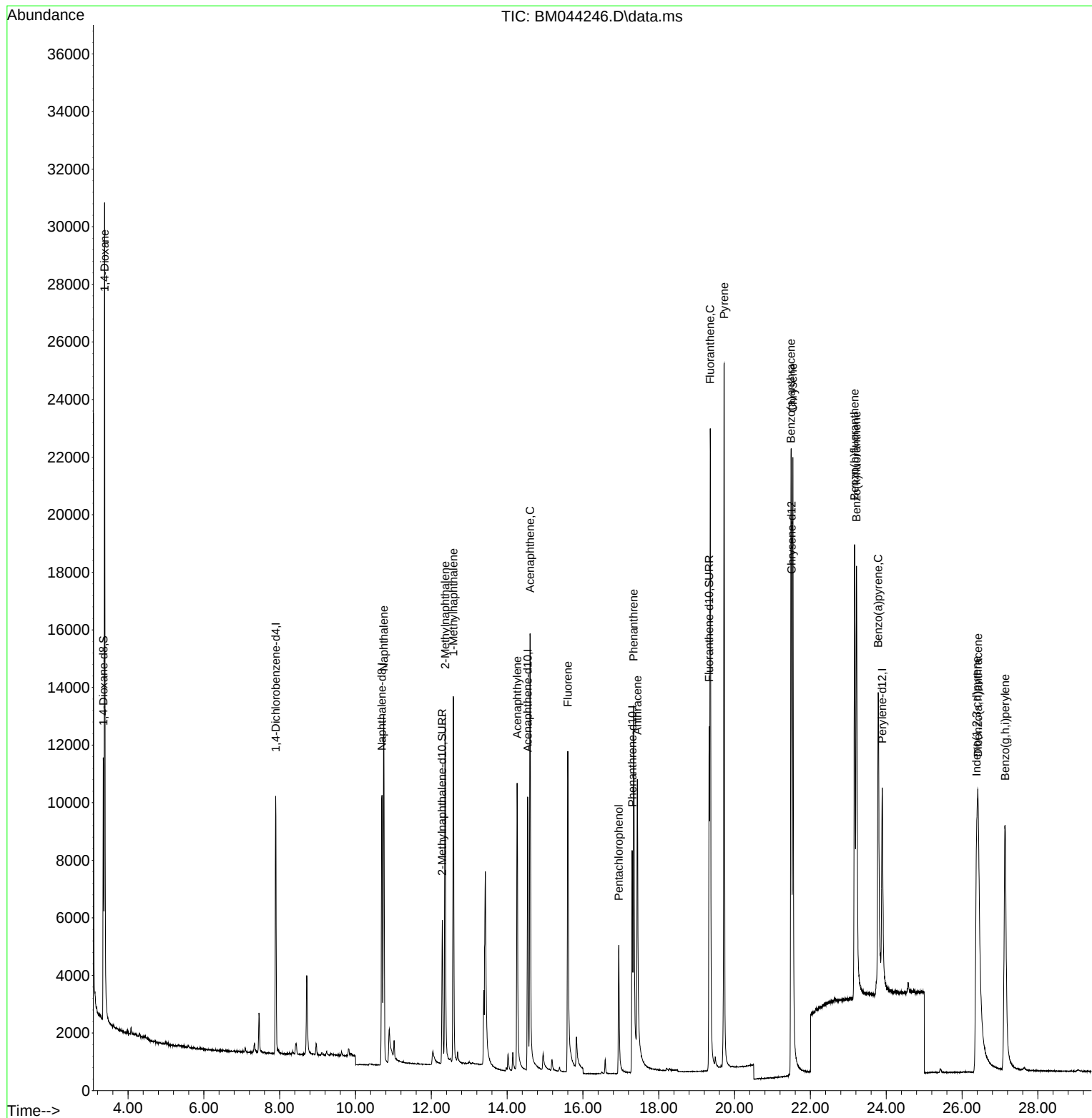
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	13644	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	5914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	12050	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	10394	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	12198	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5382	0.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7699	0.403	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	14222	0.459	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	17228	2.620	ng/ul#	74
5) Naphthalene	10.748	128	17522	0.432	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	10052	0.402	ng/ul	97
8) 1-Methylnaphthalene	12.585	142	9900	0.391	ng/ul	100
10) Acenaphthylene	14.265	152	14544	0.447	ng/ul	99
11) Acenaphthene	14.607	153	10194	0.433	ng/ul	99
12) Fluorene	15.602	166	10620	0.400	ng/ul	99
14) Pentachlorophenol	16.946	266	3966	0.919	ng/ul	99
15) Phenanthrene	17.339	178	16893	0.442	ng/ul	100
16) Anthracene	17.436	178	17574	0.465	ng/ul	99
19) Fluoranthene	19.359	202	21731	0.459	ng/ul	97
20) Pyrene	19.726	202	23117	0.464	ng/ul	100
21) Benzo(a)anthracene	21.485	228	19578	0.411	ng/ul	100
22) Chrysene	21.538	228	24189	0.471	ng/ul	100
24) Benzo(b)fluoranthene	23.166	252	22236	0.442	ng/ul	98
25) Benzo(k)fluoranthene	23.215	252	25928	0.474	ng/ul	97
26) Benzo(a)pyrene	23.788	252	20994	0.449	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.386	276	25736	0.432	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.423	278	19969	0.426	ng/ul	97
29) Benzo(g,h,i)perylene	27.138	276	23290	0.442	ng/ul	98

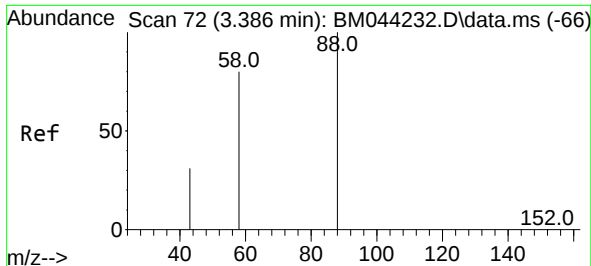
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
Data File : BM044246.D
Acq On : 22 Feb 2024 18:45
Operator : MA/JU
Sample : PB159093BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS093

Quant Time: Feb 22 23:35:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

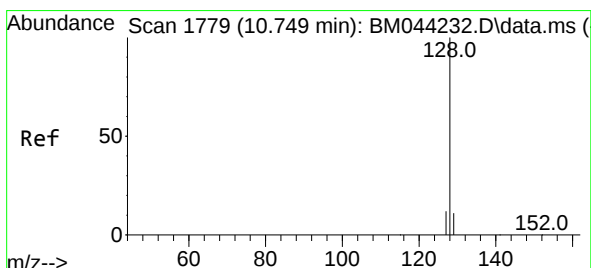
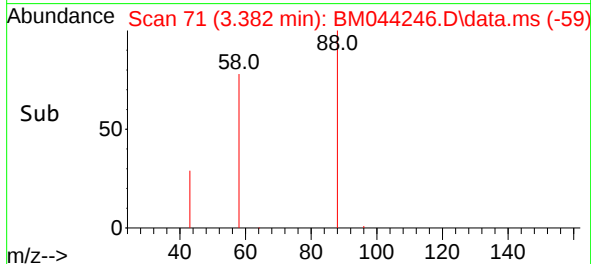
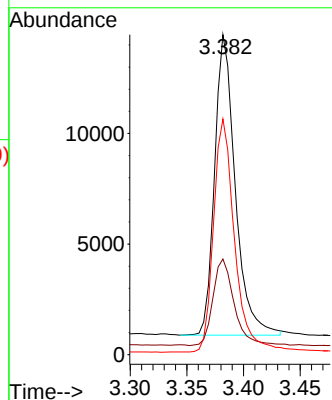
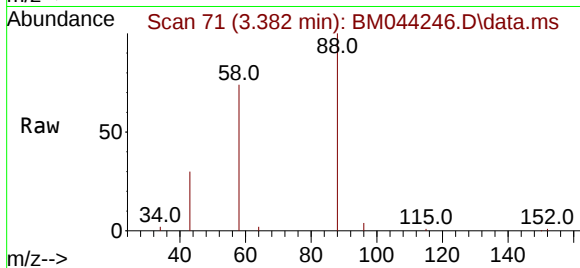




#2
1,4-Dioxane
Concen: 2.620 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.008 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

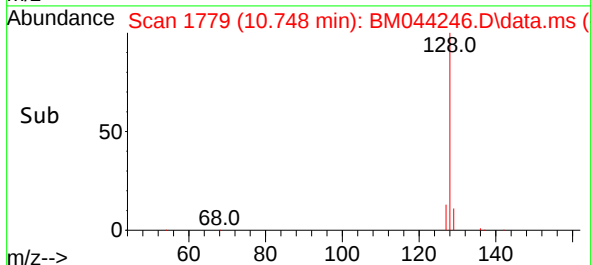
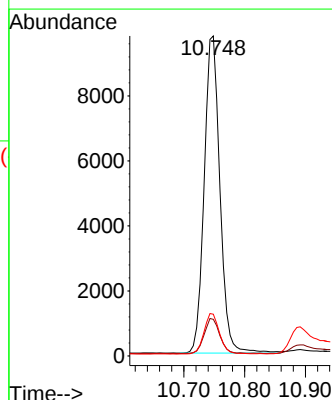
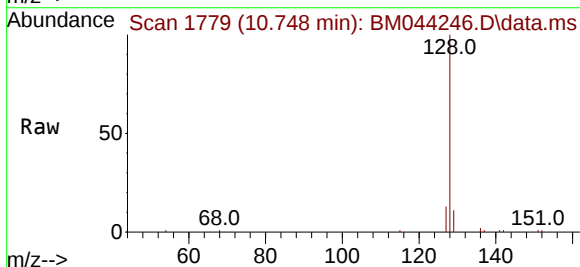
Instrument :
BNA_M
ClientSampleId :
SLCS093

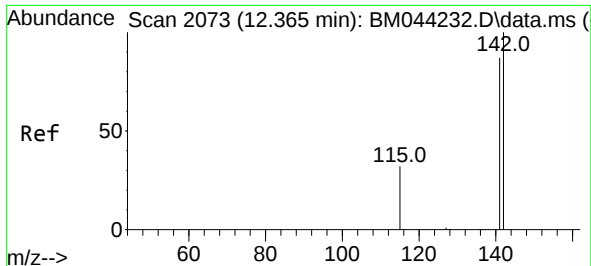
Tgt Ion: 88 Resp: 17228
Ion Ratio Lower Upper
88 100
43 29.9 32.2 48.2#
58 73.7 40.6 60.8#



#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion: 128 Resp: 17522
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.1 10.7 16.1

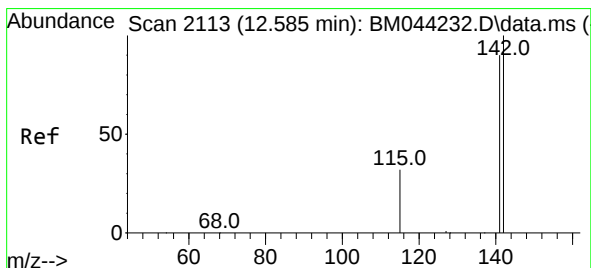
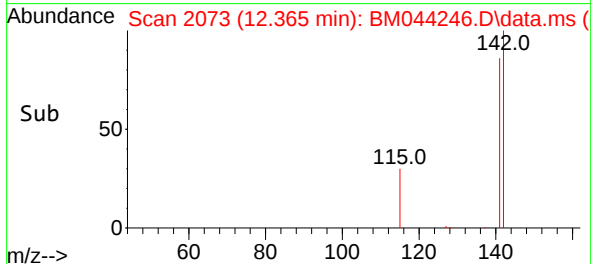
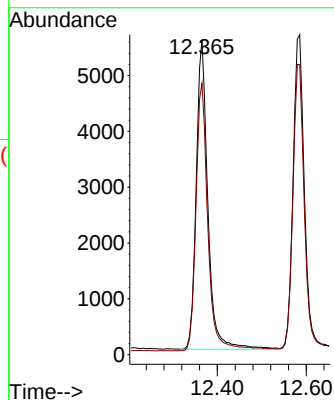
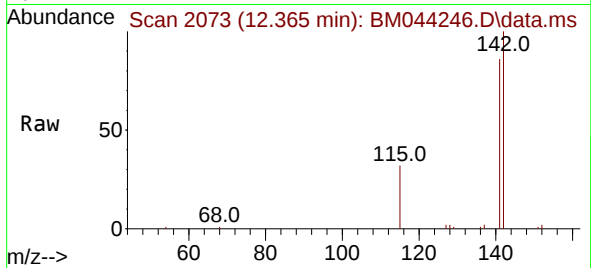




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

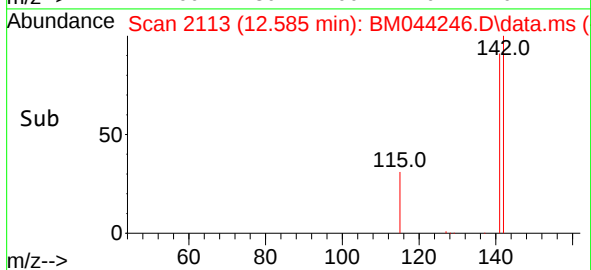
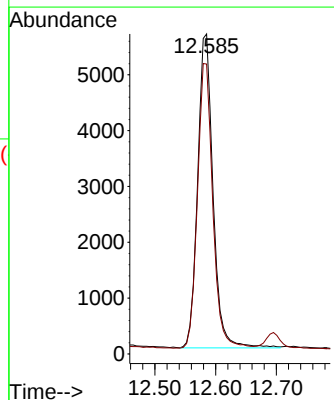
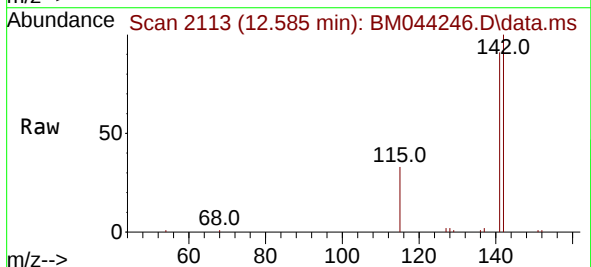
Instrument :
BNA_M
ClientSampleId :
SLCS093

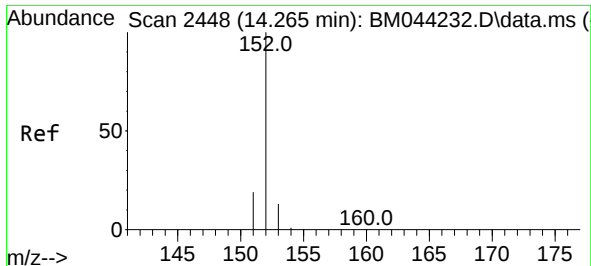
Tgt Ion:142 Resp: 10052
Ion Ratio Lower Upper
142 100
141 90.0 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:142 Resp: 9900
Ion Ratio Lower Upper
142 100
141 90.6 72.5 108.7

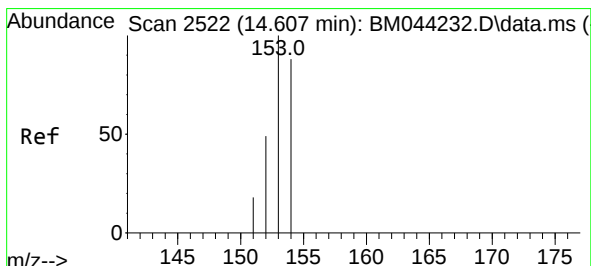
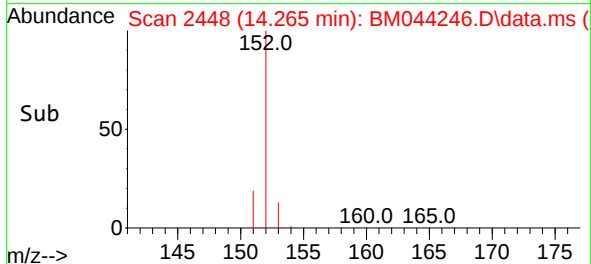
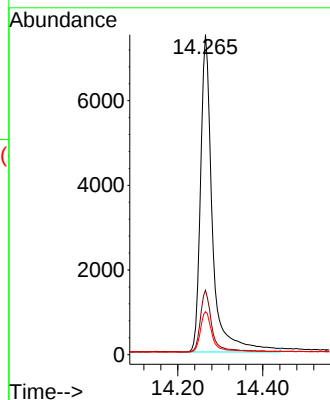
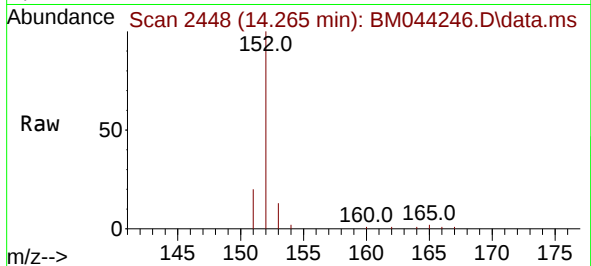




#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

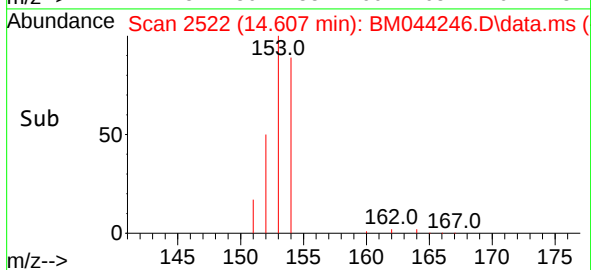
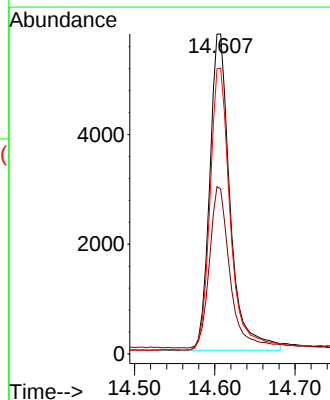
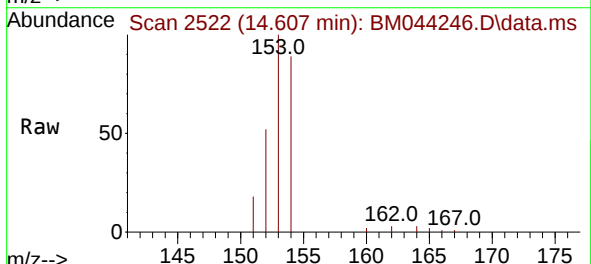
Instrument :
BNA_M
ClientSampleId :
SLCS093

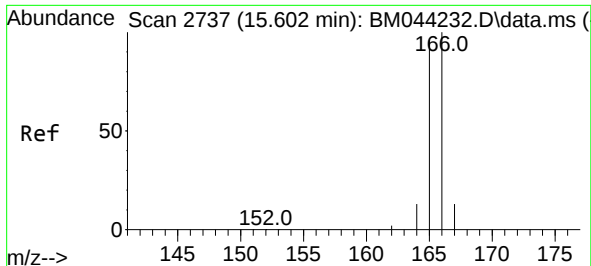
Tgt Ion:	152	Resp:	14544
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.5	23.3
153	13.5	10.8	16.2



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:	153	Resp:	10194
Ion Ratio	Lower	Upper	
153	100		
152	51.5	40.6	61.0
154	89.2	70.1	105.1

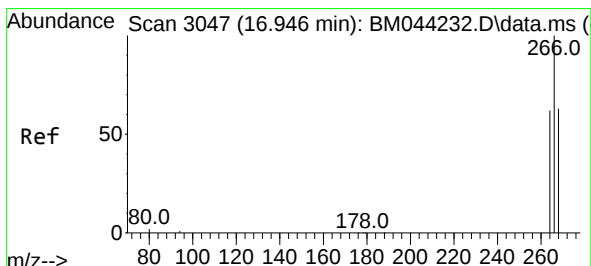
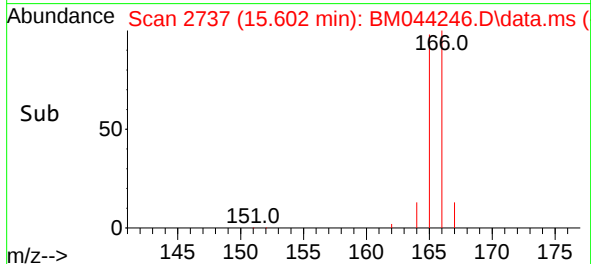
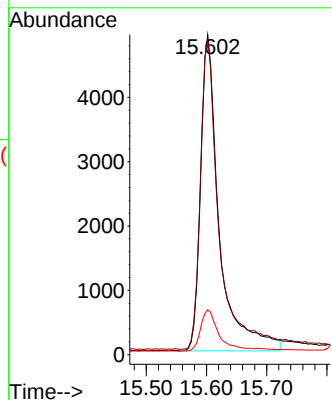
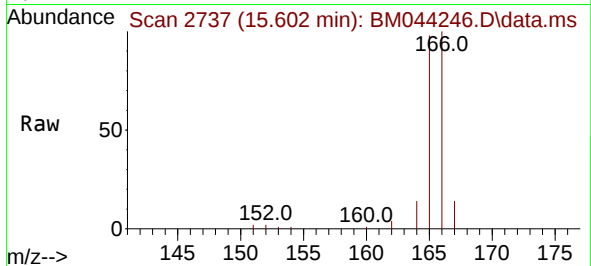




#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

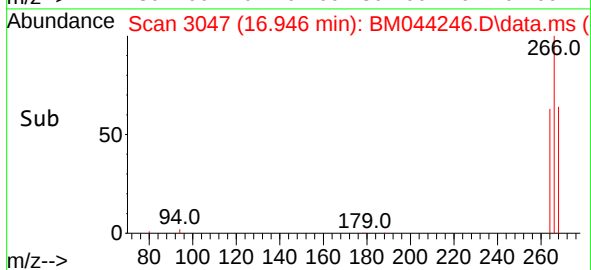
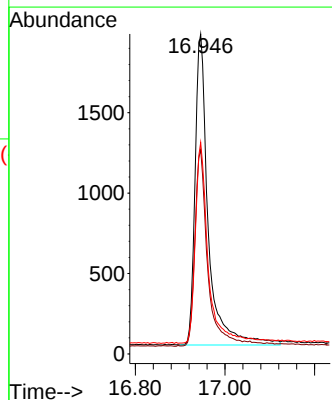
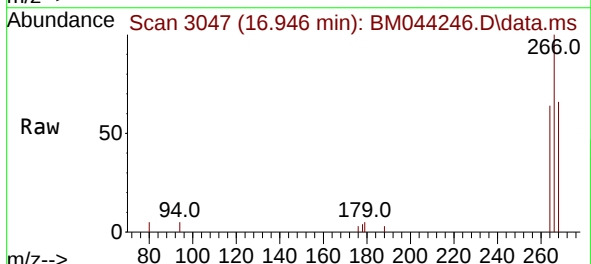
Instrument :
BNA_M
ClientSampleId :
SLCS093

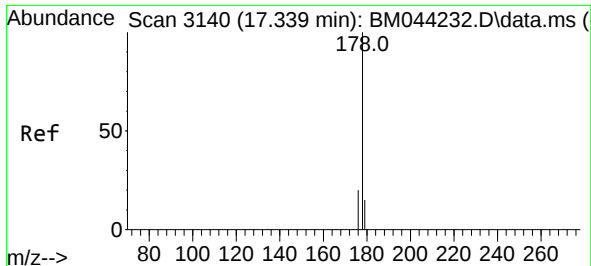
Tgt Ion:166 Resp: 10620
Ion Ratio Lower Upper
166 100
165 98.3 79.8 119.6
167 14.1 11.1 16.7



#14
Pentachlorophenol
Concen: 0.919 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:266 Resp: 3966
Ion Ratio Lower Upper
266 100
264 62.5 49.4 74.0
268 63.8 52.1 78.1

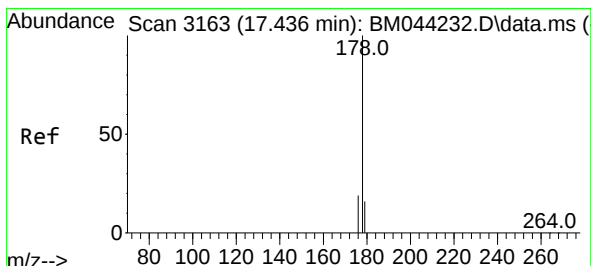
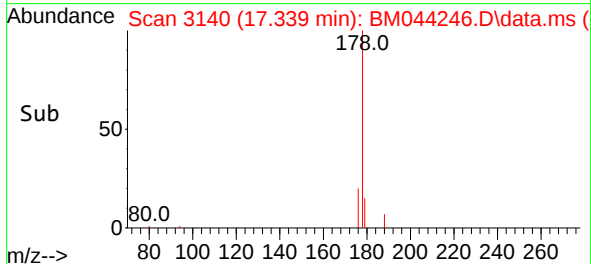
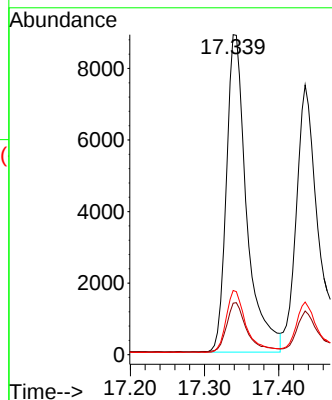
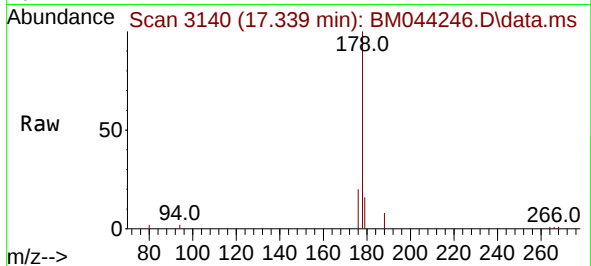




#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

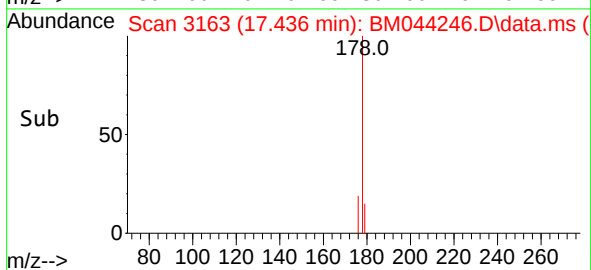
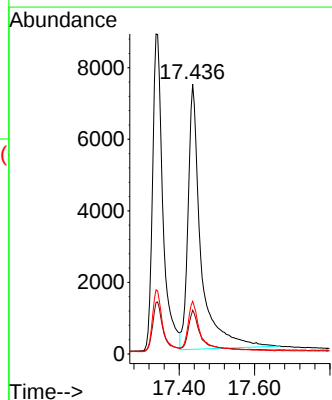
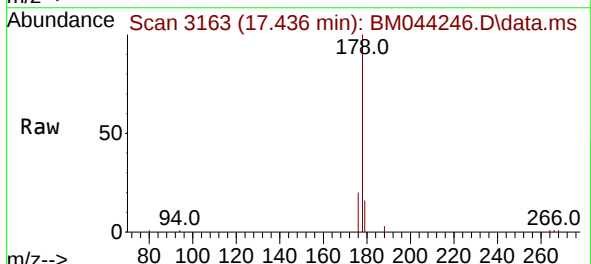
Instrument :
BNA_M
ClientSampleId :
SLCS093

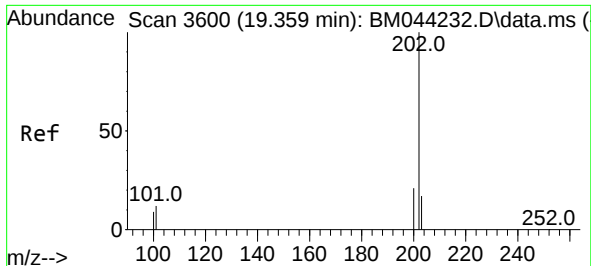
Tgt Ion:178 Resp: 16893
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.465 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:178 Resp: 17574
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.5 15.3 22.9

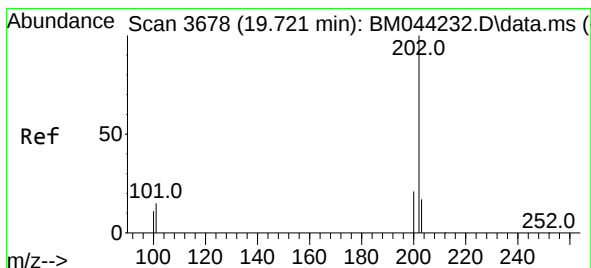
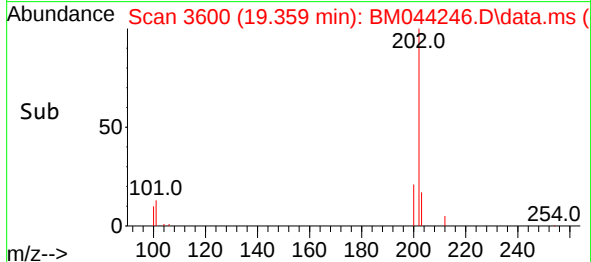
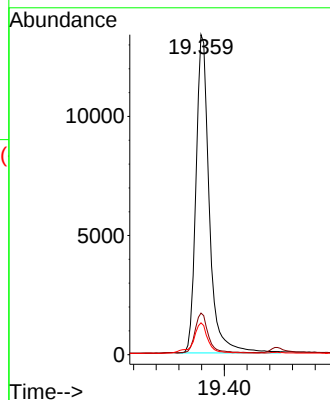
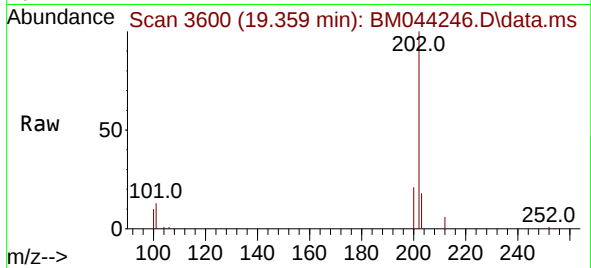




#19
Fluoranthene
Concen: 0.459 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

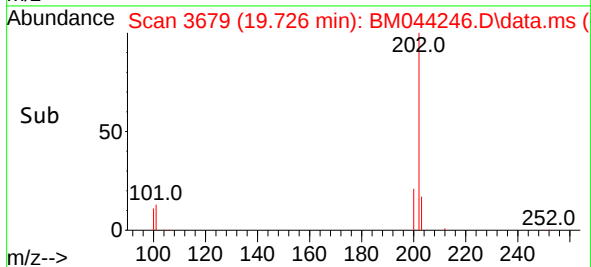
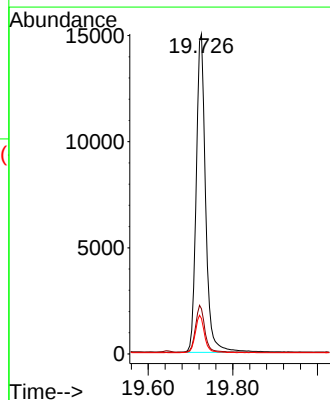
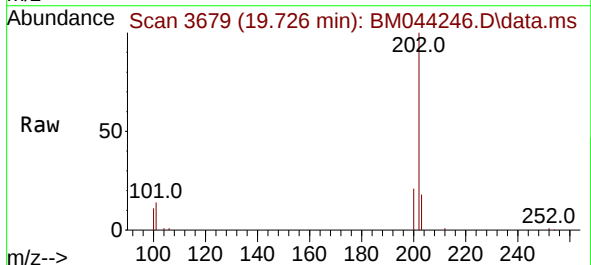
Instrument :
BNA_M
ClientSampleId :
SLCS093

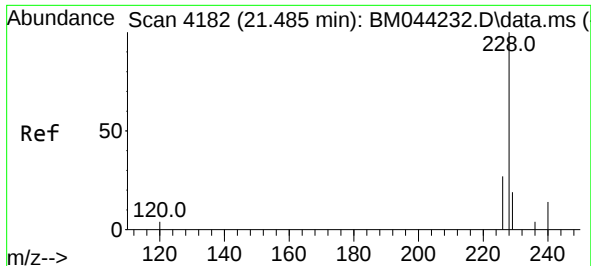
Tgt Ion:202 Resp: 21731
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 9.9 7.0 10.4



#20
Pyrene
Concen: 0.464 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:202 Resp: 23117
Ion Ratio Lower Upper
202 100
101 14.1 11.2 16.8
100 11.1 8.6 13.0

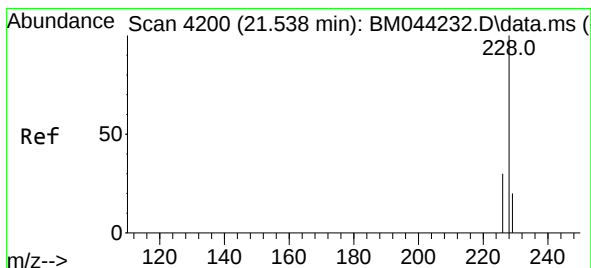
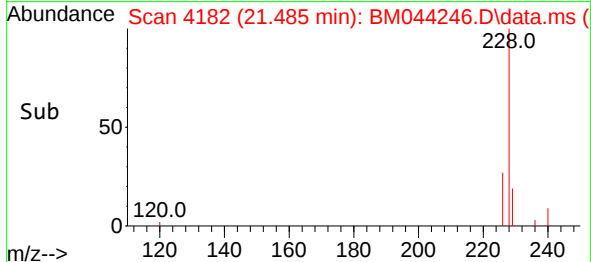
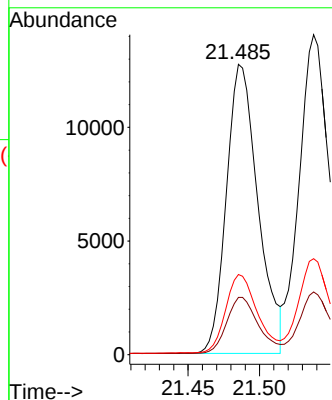
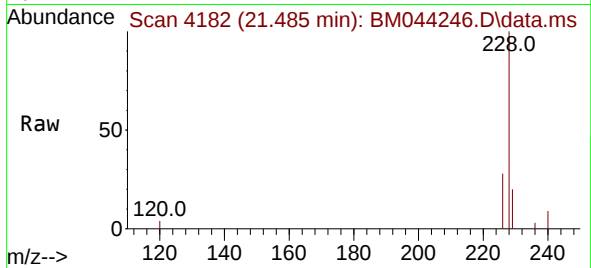




#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

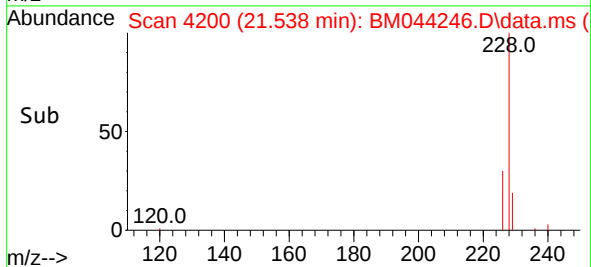
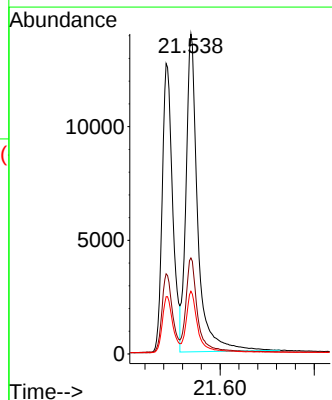
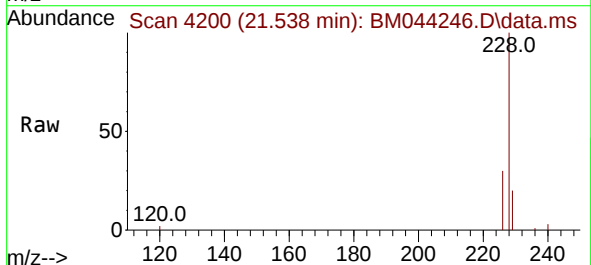
Instrument :
BNA_M
ClientSampleId :
SLCS093

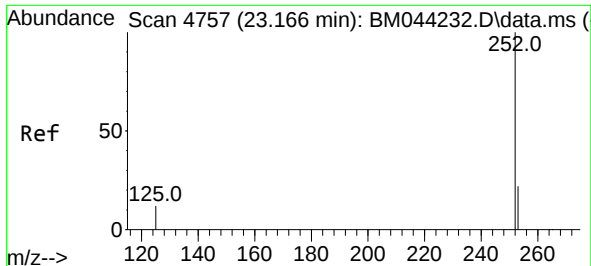
Tgt Ion:228 Resp: 19578
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.471 ng/ul
RT: 21.538 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:228 Resp: 24189
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.6 15.8 23.6

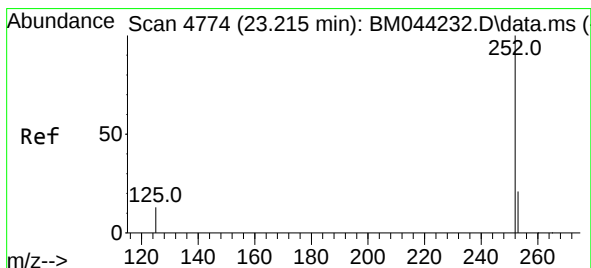
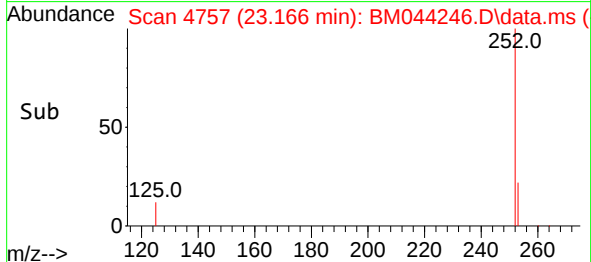
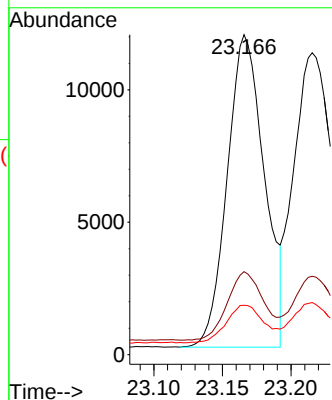
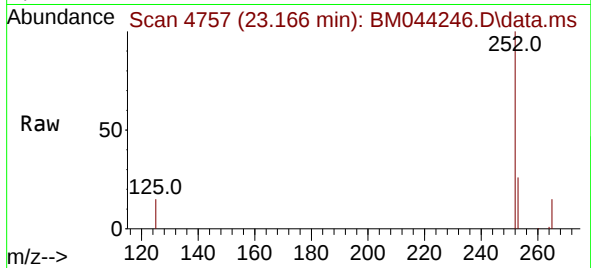




#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.166 min Scan# 4757
Delta R.T. 0.003 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

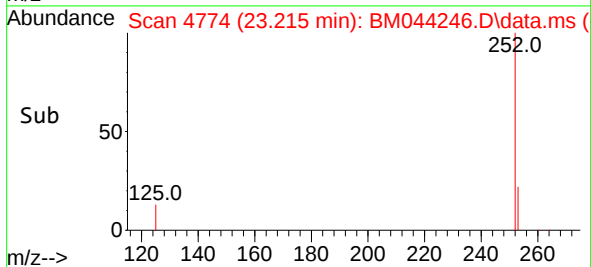
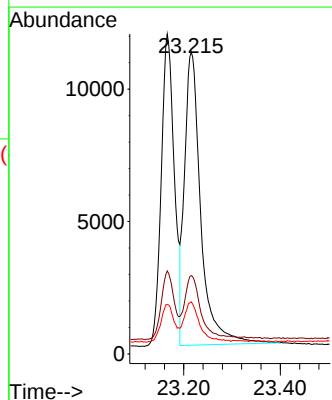
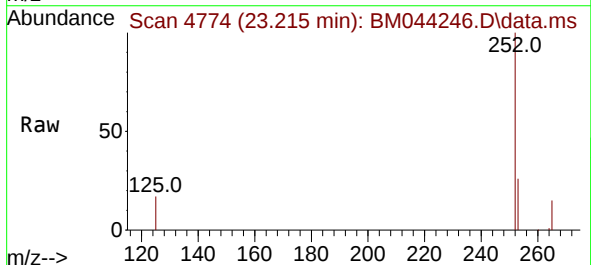
Instrument :
BNA_M
ClientSampleId :
SLCS093

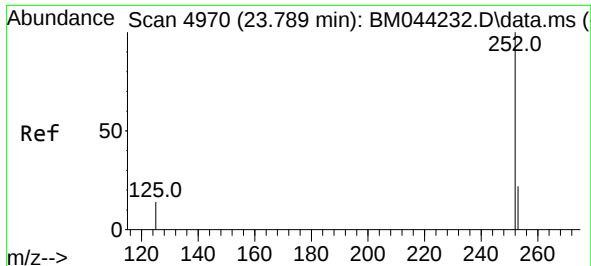
Tgt Ion:252 Resp: 22236
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.0
125 15.4 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.474 ng/ul
RT: 23.215 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:252 Resp: 25928
Ion Ratio Lower Upper
252 100
253 26.0 20.1 30.1
125 17.3 12.3 18.5

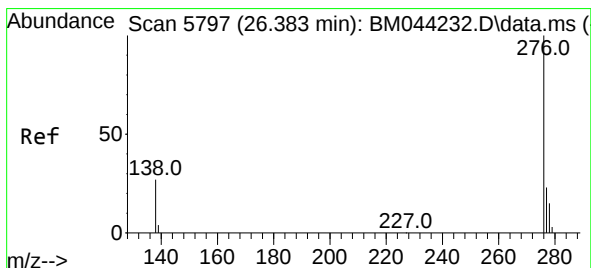
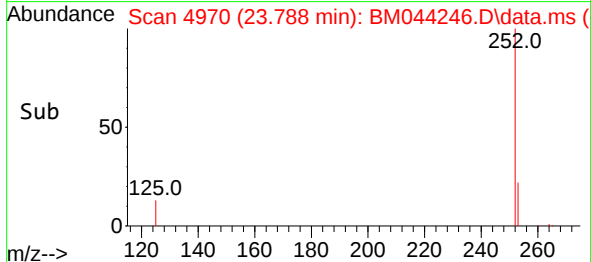
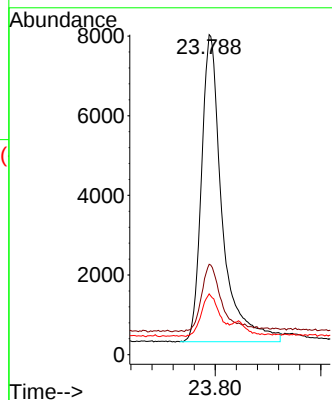
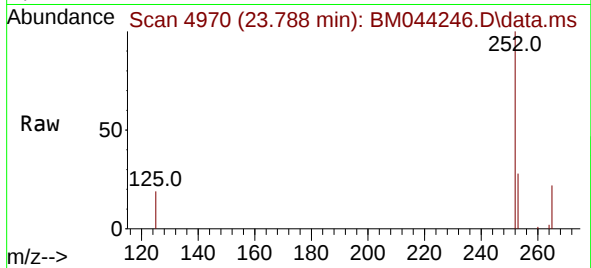




#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.788 min Scan# 4970
Delta R.T. 0.003 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

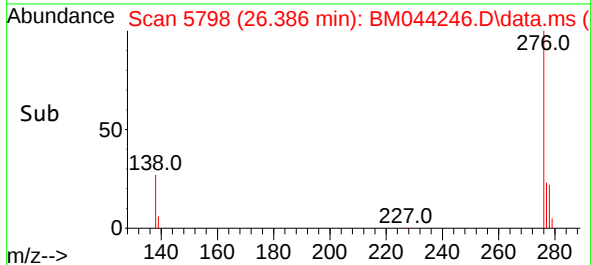
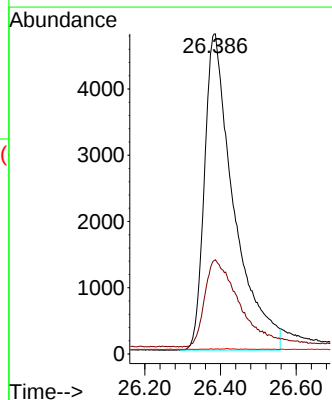
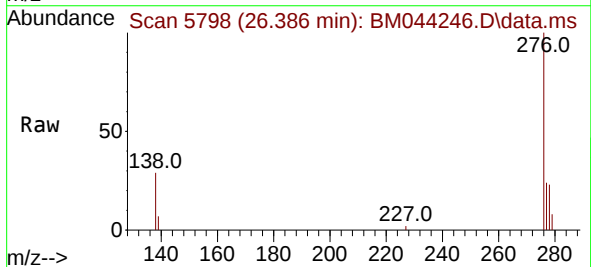
Instrument :
BNA_M
ClientSampleId :
SLCS093

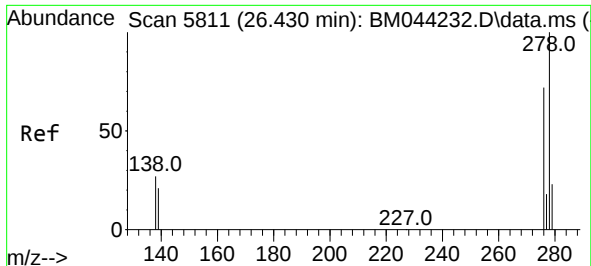
Tgt Ion:	252	Resp:	20994
Ion Ratio	Lower	Upper	
252	100		
253	28.2	21.4	32.2
125	19.0	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. 0.017 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:	276	Resp:	25736
Ion Ratio	Lower	Upper	
276	100		
138	32.6	25.2	37.8
227	0.0	0.1	0.1

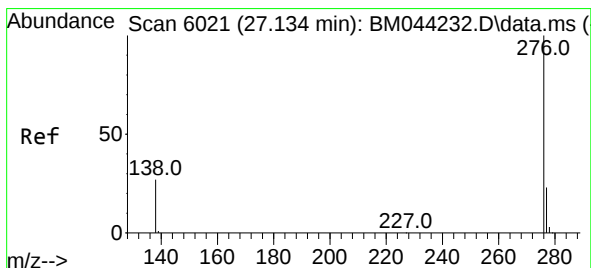
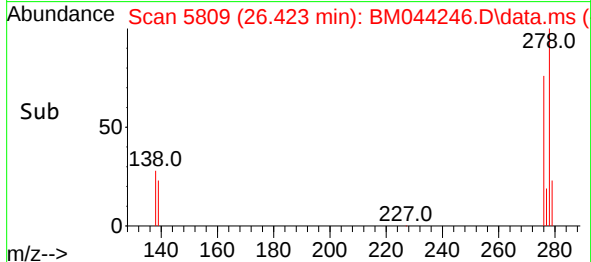
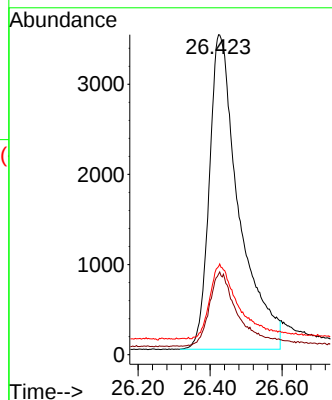
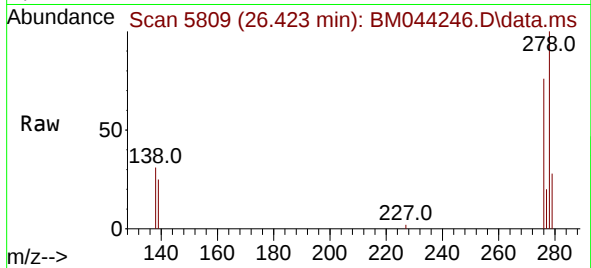




#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.423 min Scan# 5811
Delta R.T. 0.014 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Instrument :
BNA_M
ClientSampleId :
SLCS093

Tgt Ion:278 Resp: 19969
Ion Ratio Lower Upper
278 100
139 25.2 17.8 26.8
279 27.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.442 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM044246.D
Acq: 22 Feb 2024 18:45

Tgt Ion:276 Resp: 23290
Ion Ratio Lower Upper
276 100
138 29.2 22.7 34.1
277 24.8 19.0 28.6

