

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043100.D
 Acq On : 01 Dec 2023 00:18
 Operator : MA/JU
 Sample : PB157409BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS409

Quant Time: Dec 01 01:35:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

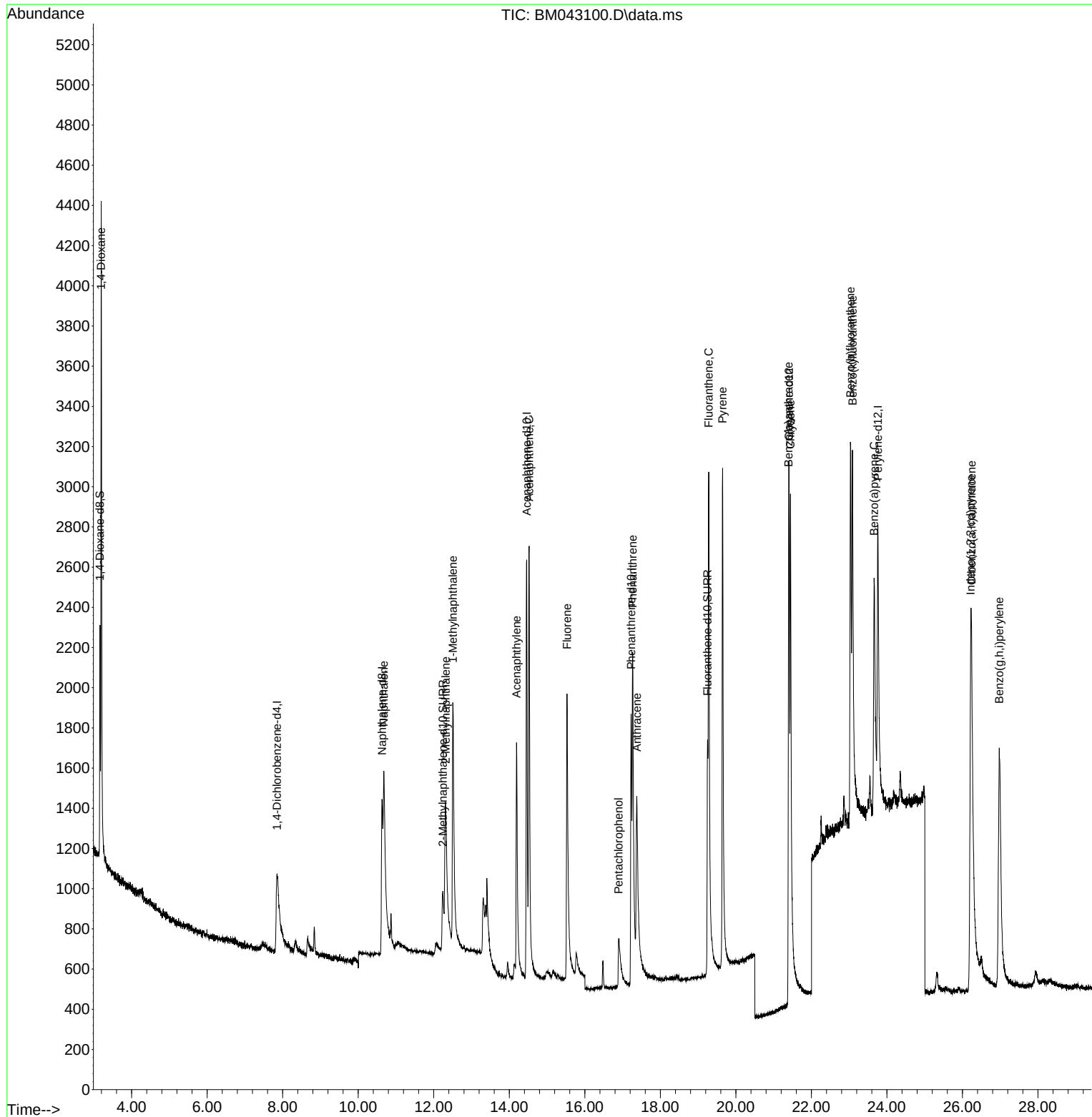
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	919	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.629	136	2774	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.460	164	1545	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	3119	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	2030	0.400	ng/ul	0.00
23) Perylene-d12	23.761	264	2695	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	837	0.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1066	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	2175	0.294	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	2275	1.502	ng/ul#	81
5) Naphthalene	10.678	128	2249	0.298	ng/ul	98
7) 2-Methylnaphthalene	12.317	142	1289	0.290	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	1379	0.278	ng/ul	99
10) Acenaphthylene	14.192	152	2261	0.287	ng/ul	98
11) Acenaphthene	14.525	153	1752	0.293	ng/ul	99
12) Fluorene	15.529	166	1786	0.291	ng/ul	97
14) Pentachlorophenol	16.896	266	527	0.624	ng/ul	98
15) Phenanthrene	17.268	178	2622	0.295	ng/ul	97
16) Anthracene	17.378	178	2574	0.305	ng/ul	96
19) Fluoranthene	19.281	202	3397	0.295	ng/ul	99
20) Pyrene	19.648	202	3572	0.292	ng/ul	98
21) Benzo(a)anthracene	21.397	228	2421	0.368	ng/ul	98
22) Chrysene	21.447	228	3737	0.305	ng/ul	98
24) Benzo(b)fluoranthene	23.033	252	3055	0.336	ng/ul	98
25) Benzo(k)fluoranthene	23.089	252	4028	0.322	ng/ul	98
26) Benzo(a)pyrene	23.662	252	3192	0.322	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.218	276	4402	0.328	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.242	278	3407	0.328	ng/ul	94
29) Benzo(g,h,i)perylene	26.976	276	4094	0.313	ng/ul	100

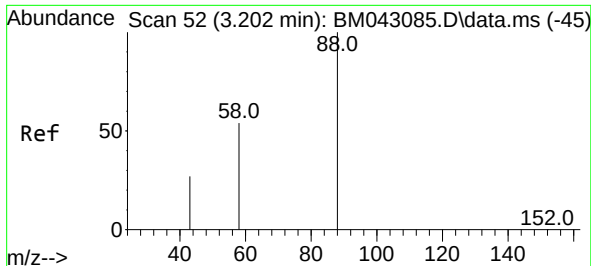
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043100.D
Acq On : 01 Dec 2023 00:18
Operator : MA/JU
Sample : PB157409BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS409

Quant Time: Dec 01 01:35:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

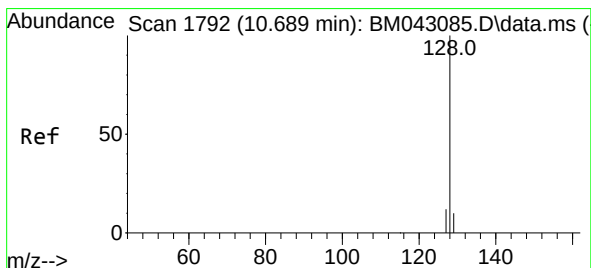
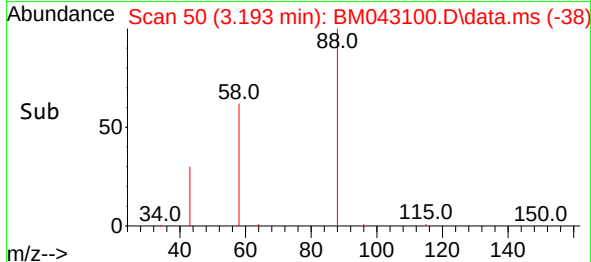
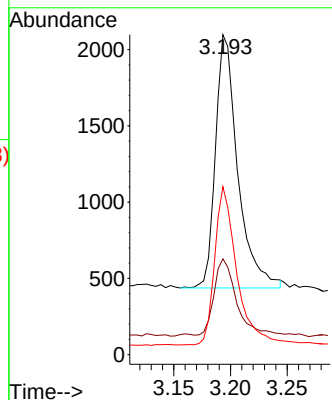
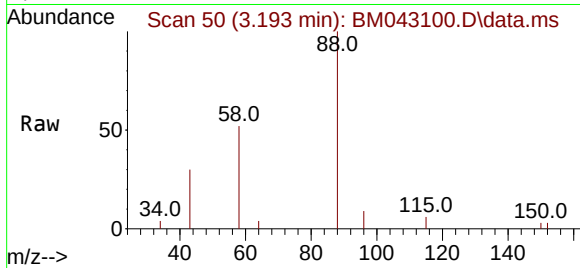




#2
 1,4-Dioxane
 Concen: 1.502 ng/ul
 RT: 3.193 min Scan# 50
 Delta R.T. -0.008 min
 Lab File: BM043100.D
 Acq: 01 Dec 2023 00:18

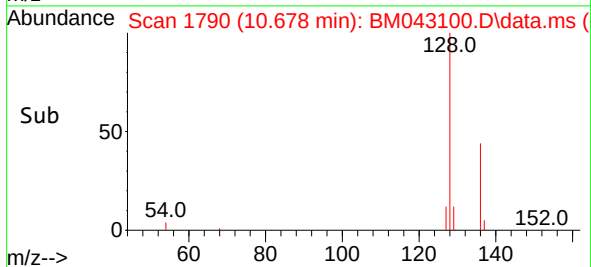
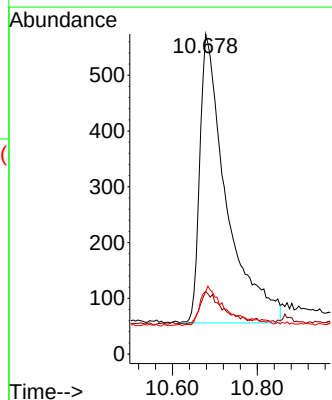
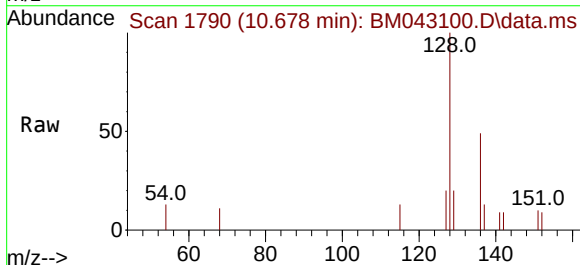
Instrument :
 BNA_M
 ClientSampleId :
 SLCS409

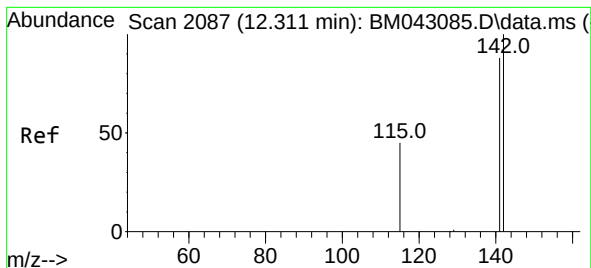
Tgt Ion: 88 Resp: 2275
 Ion Ratio Lower Upper
 88 100
 43 29.9 22.8 34.2
 58 52.5 26.8 40.2#



#5
 Naphthalene
 Concen: 0.298 ng/ul
 RT: 10.678 min Scan# 1790
 Delta R.T. -0.011 min
 Lab File: BM043100.D
 Acq: 01 Dec 2023 00:18

Tgt Ion: 128 Resp: 2249
 Ion Ratio Lower Upper
 128 100
 129 19.5 16.0 24.0
 127 19.5 16.5 24.7

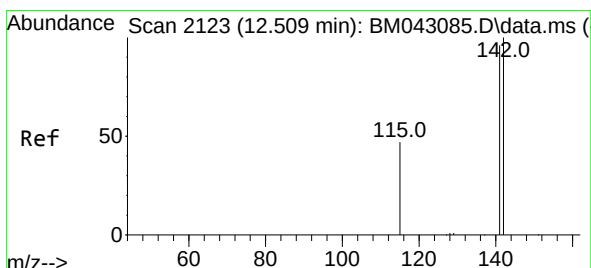
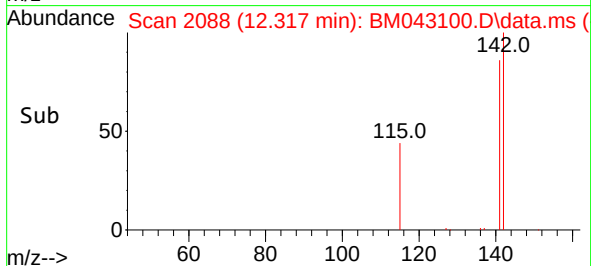
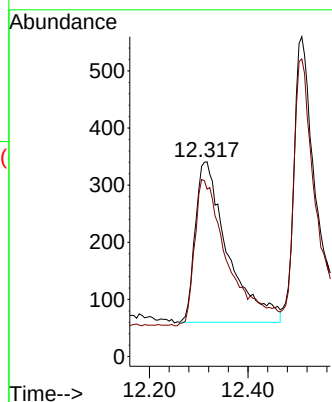
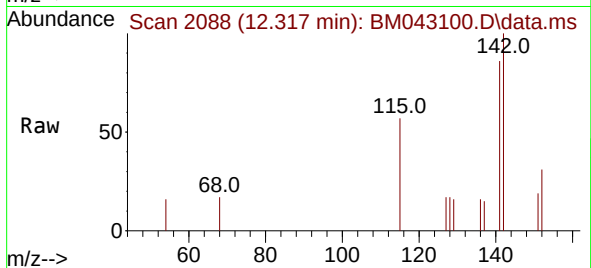




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.317 min Scan# 2088
Delta R.T. 0.006 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

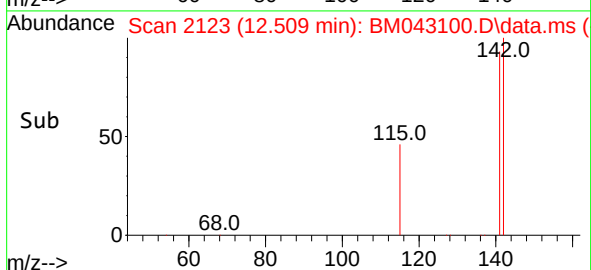
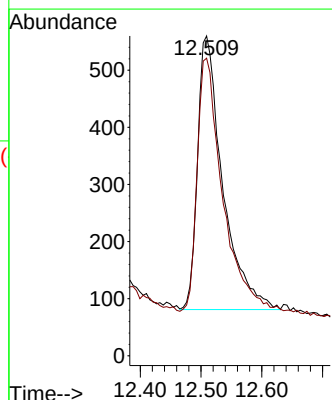
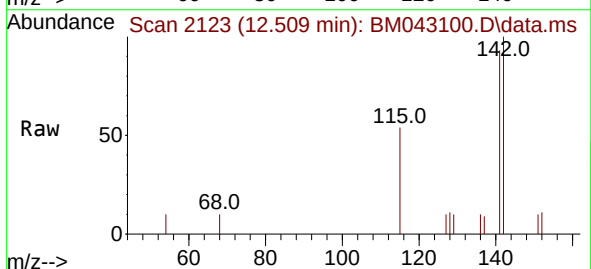
Instrument :
BNA_M
ClientSampleId :
SLCS409

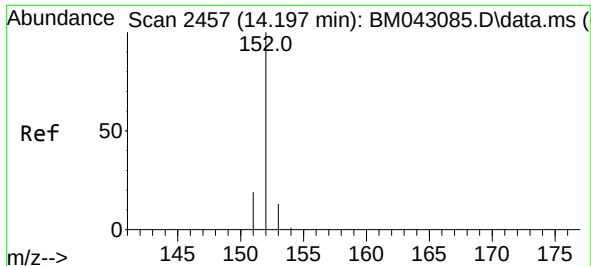
Tgt Ion:142 Resp: 1289
Ion Ratio Lower Upper
142 100
141 94.0 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.509 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Tgt Ion:142 Resp: 1379
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.8

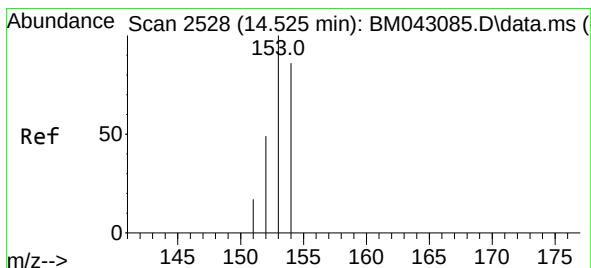
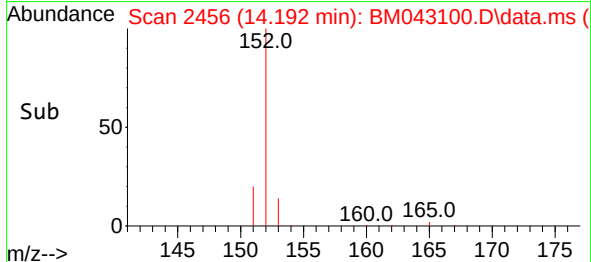
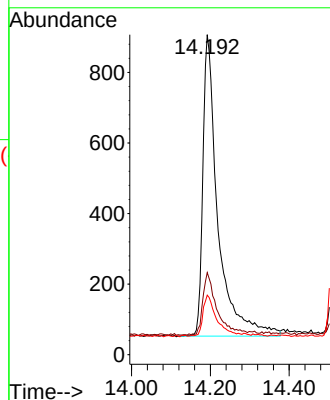
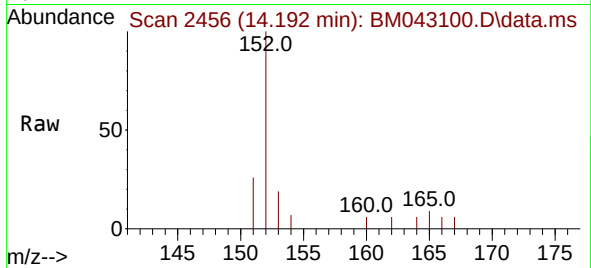




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

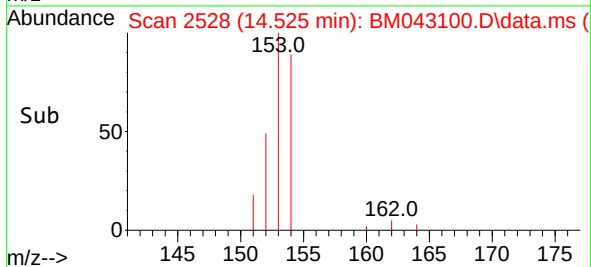
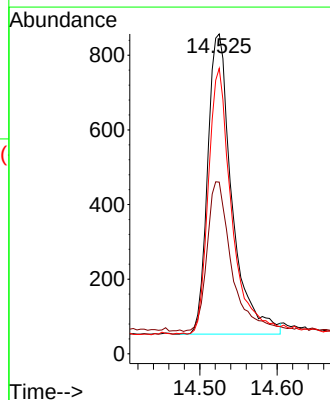
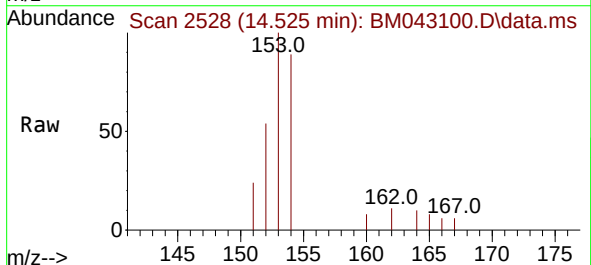
Instrument :
BNA_M
ClientSampleId :
SLCS409

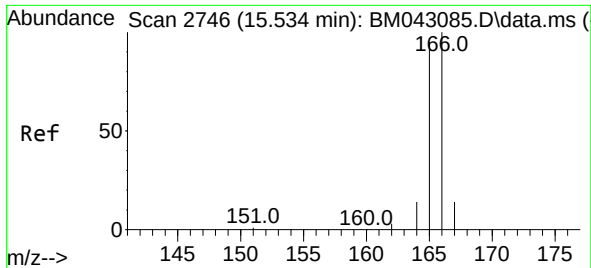
Tgt Ion:	152	Resp:	2261
Ion	Ratio	Lower	Upper
152	100		
151	25.7	19.4	29.0
153	18.6	14.6	21.8



#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Tgt Ion:	153	Resp:	1752
Ion	Ratio	Lower	Upper
153	100		
152	53.7	43.9	65.9
154	89.3	70.6	105.8

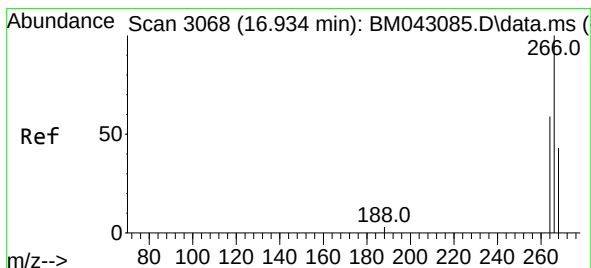
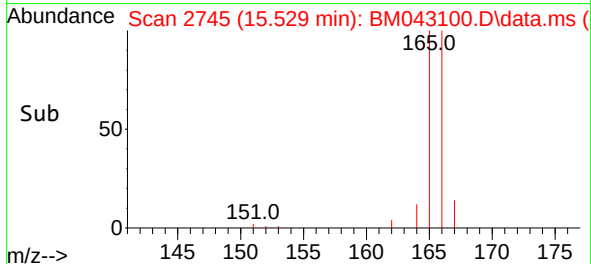
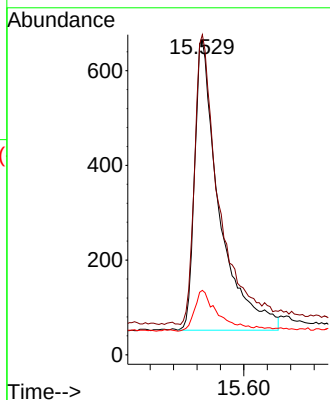
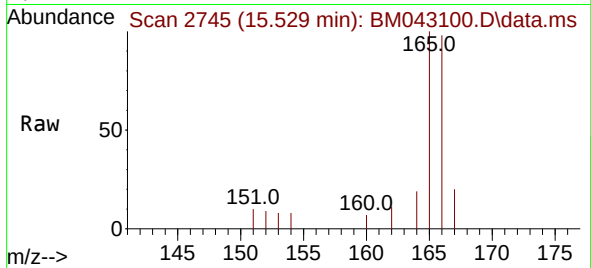




#12
 Fluorene
 Concen: 0.291 ng/ul
 RT: 15.529 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043100.D
 Acq: 01 Dec 2023 00:18

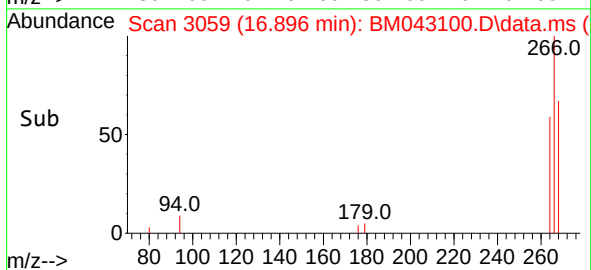
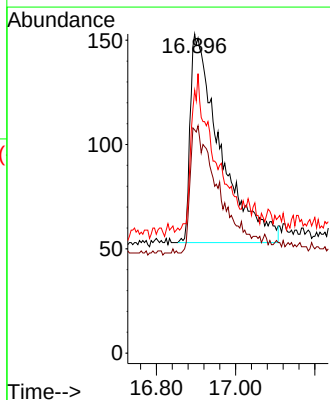
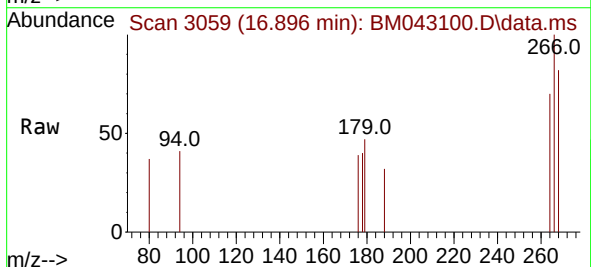
Instrument :
 BNA_M
 ClientSampleId :
 SLCS409

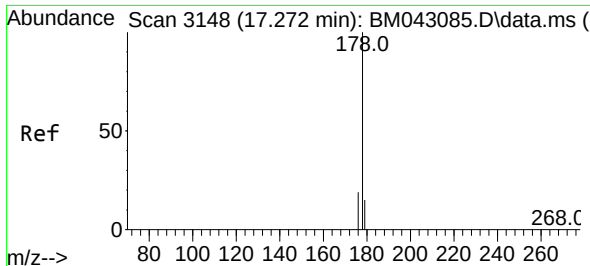
Tgt Ion:166 Resp: 1786
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.9 119.9
 167 20.5 14.2 21.4



#14
 Pentachlorophenol
 Concen: 0.624 ng/ul
 RT: 16.896 min Scan# 3059
 Delta R.T. -0.038 min
 Lab File: BM043100.D
 Acq: 01 Dec 2023 00:18

Tgt Ion:266 Resp: 527
 Ion Ratio Lower Upper
 266 100
 264 58.6 48.8 73.2
 268 64.1 51.8 77.6

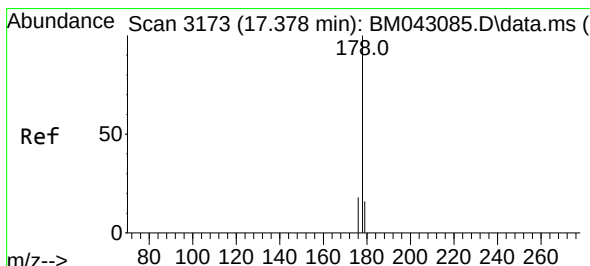
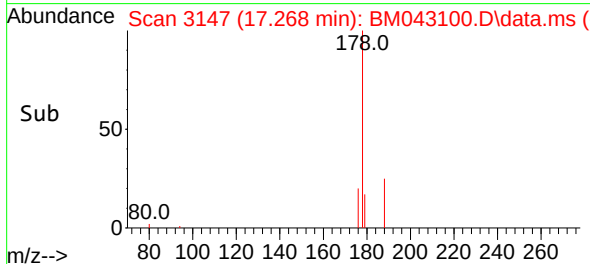
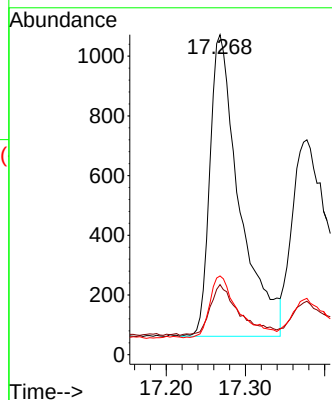
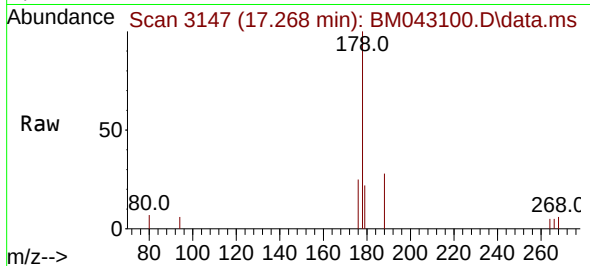




#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.268 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

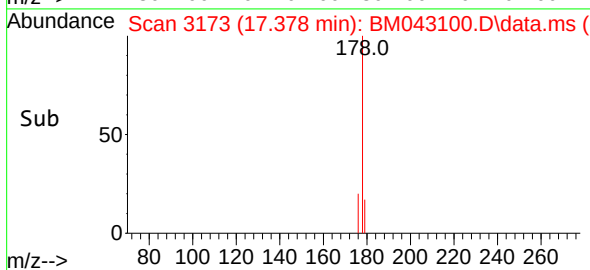
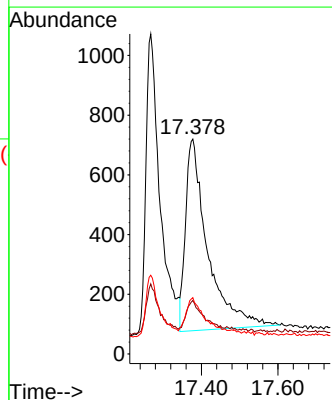
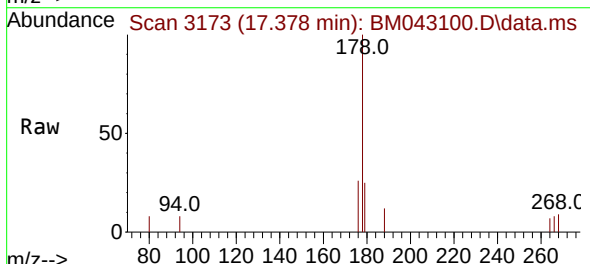
Instrument :
BNA_M
ClientSampleId :
SLCS409

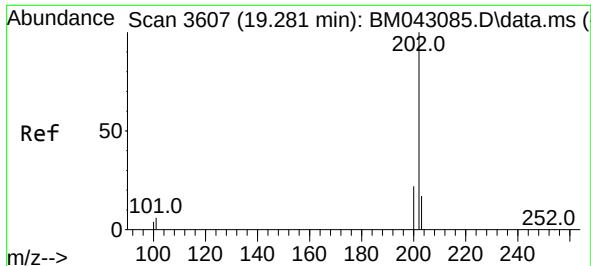
Tgt Ion:	178	Resp:	2622
Ion Ratio	Lower	Upper	
178	100		
179	21.9	15.7	23.5
176	24.6	18.9	28.3



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.378 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Tgt Ion:	178	Resp:	2574
Ion Ratio	Lower	Upper	
178	100		
179	24.9	17.3	25.9
176	26.3	20.5	30.7

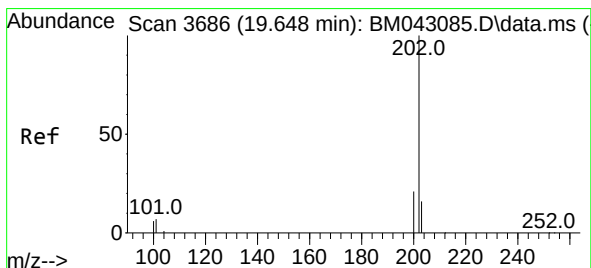
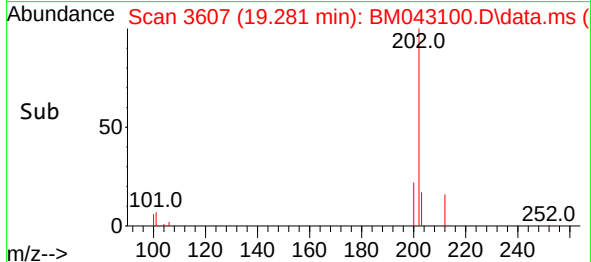
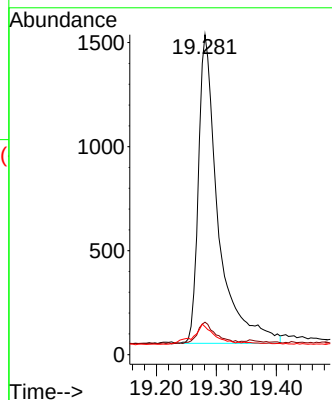
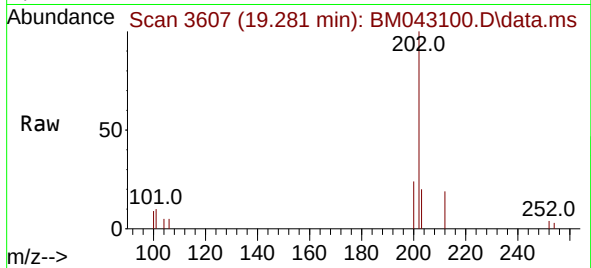




#19
Fluoranthene
Concen: 0.295 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

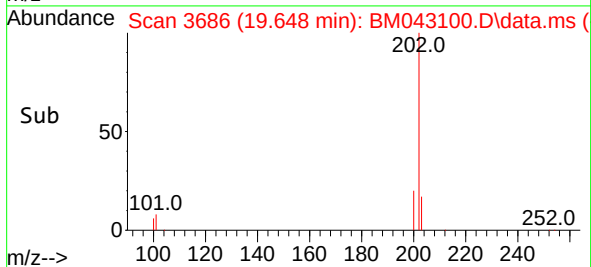
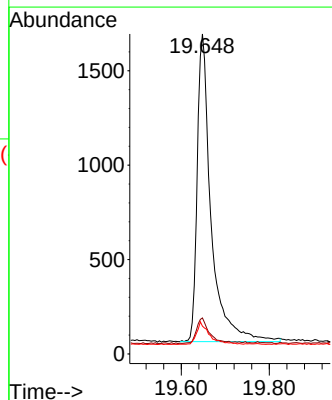
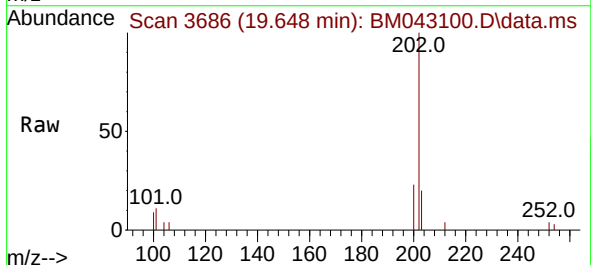
Instrument :
BNA_M
ClientSampleId :
SLCS409

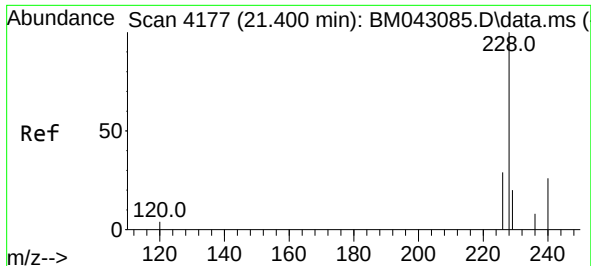
Tgt Ion:202 Resp: 3397
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.8
100 8.8 7.1 10.7



#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.648 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Tgt Ion:202 Resp: 3572
Ion Ratio Lower Upper
202 100
101 11.3 8.7 13.1
100 8.7 7.8 11.8

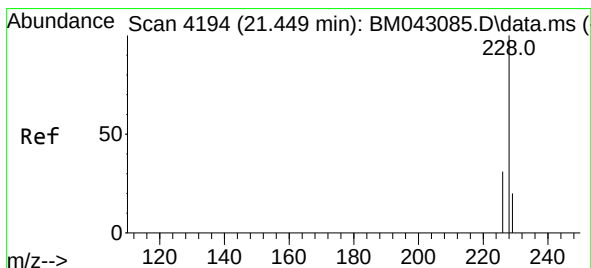
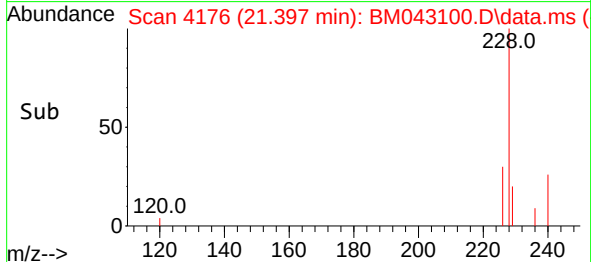
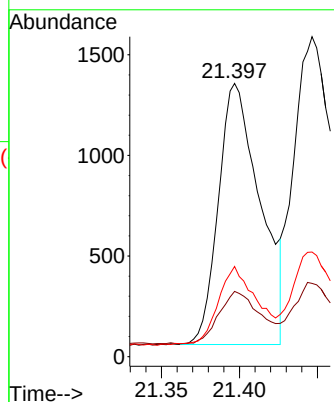
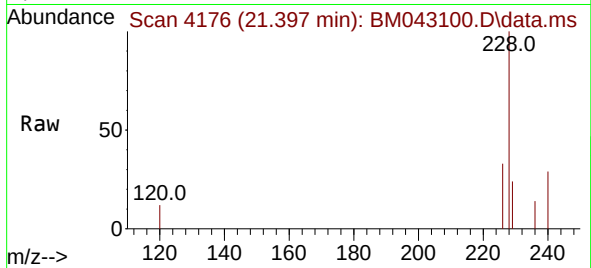




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.397 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

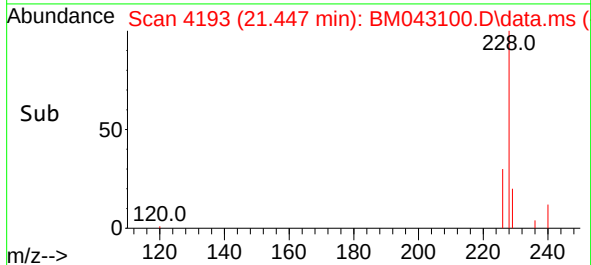
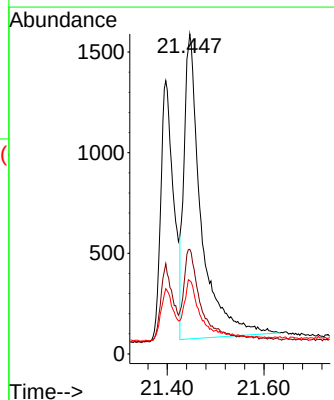
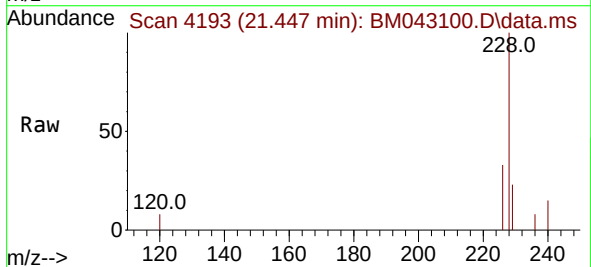
Instrument :
BNA_M
ClientSampleId :
SLCS409

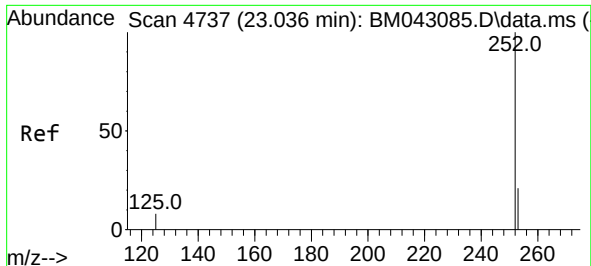
Tgt Ion:	228	Resp:	2421
Ion Ratio	Lower	Upper	
228	100		
229	23.9	19.4	29.0
226	33.0	24.9	37.3



#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Tgt Ion:	228	Resp:	3737
Ion Ratio	Lower	Upper	
228	100		
226	32.7	27.2	40.8
229	22.9	18.0	27.0

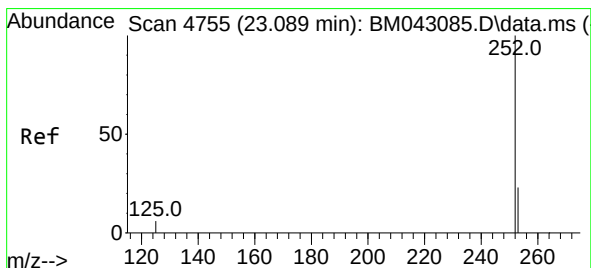
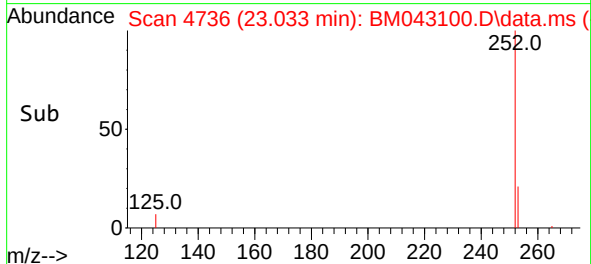
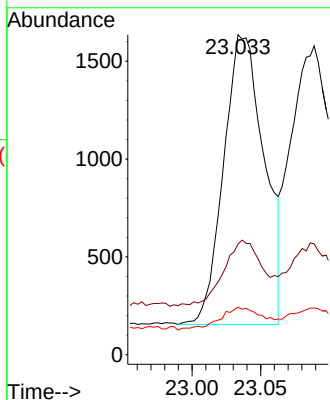
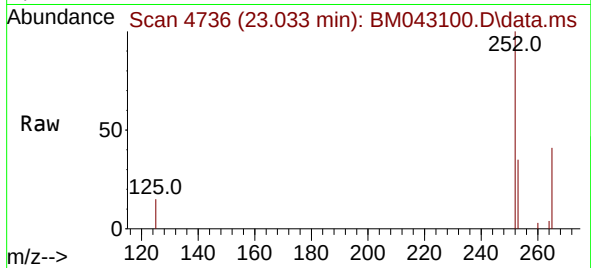




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.033 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

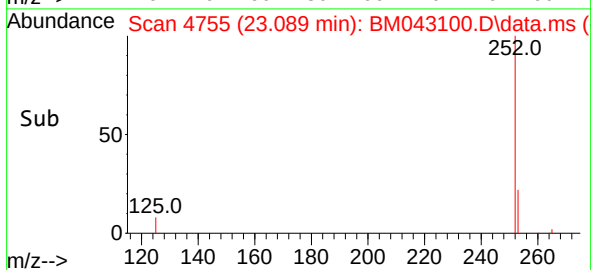
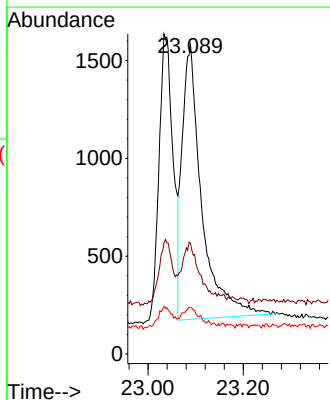
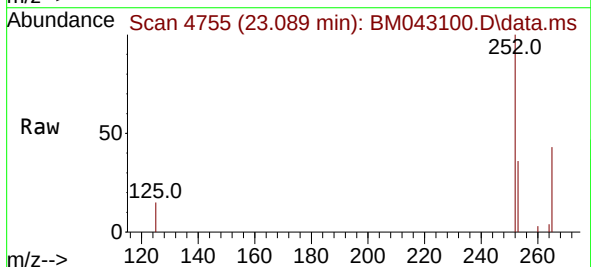
Instrument :
BNA_M
ClientSampleId :
SLCS409

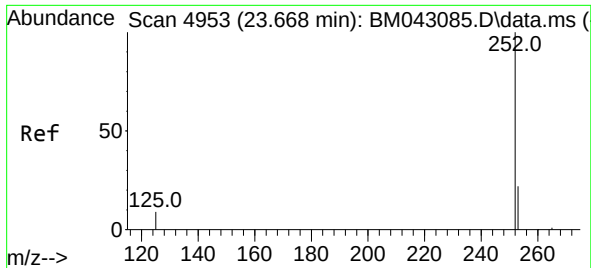
Tgt Ion:252 Resp: 3055
Ion Ratio Lower Upper
252 100
253 34.5 0.0 71.8
125 14.9 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.089 min Scan# 4755
Delta R.T. 0.000 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

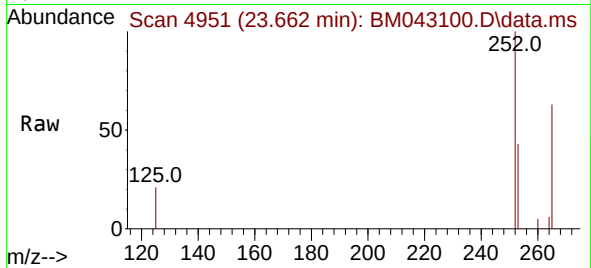
Tgt Ion:252 Resp: 4028
Ion Ratio Lower Upper
252 100
253 35.8 28.2 42.2
125 15.1 11.0 16.6



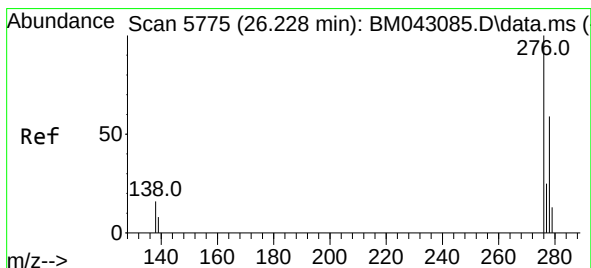
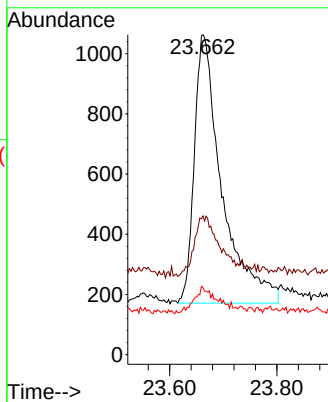
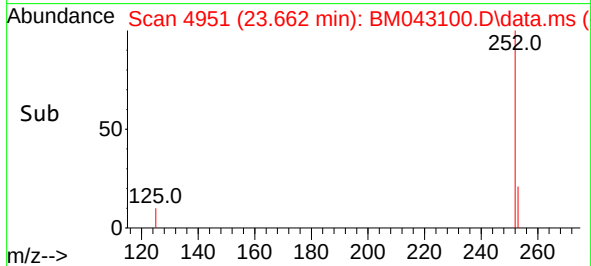


#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.662 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

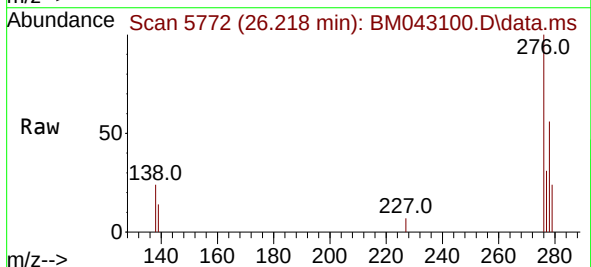
Instrument :
BNA_M
ClientSampleId :
SLCS409



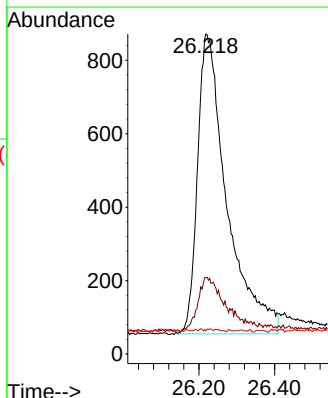
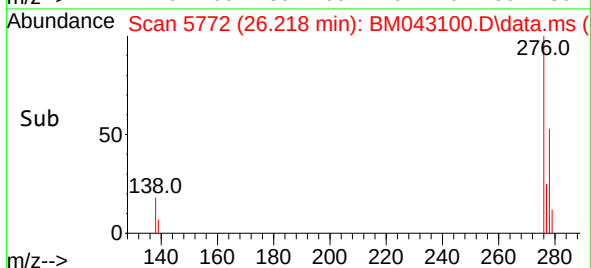
Tgt Ion:252 Resp: 3192
Ion Ratio Lower Upper
252 100
253 43.4 36.6 55.0
125 20.9 16.2 24.4

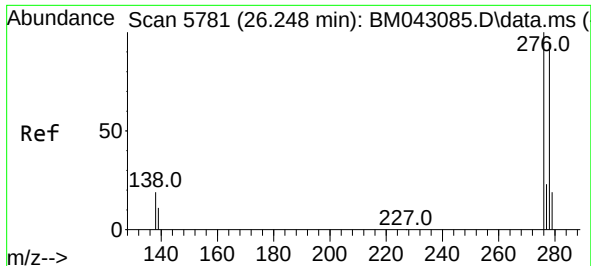


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 26.218 min Scan# 5772
Delta R.T. -0.010 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18



Tgt Ion:276 Resp: 4402
Ion Ratio Lower Upper
276 100
138 18.1 0.0 0.0#
227 0.2 0.2 0.2#

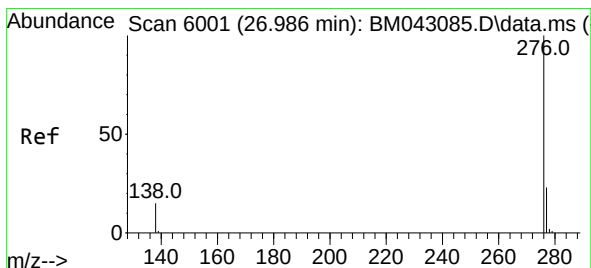
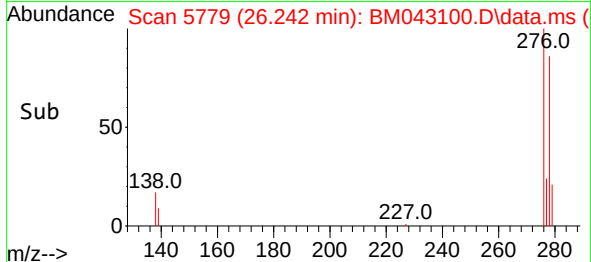
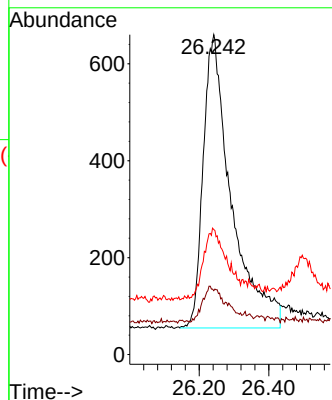
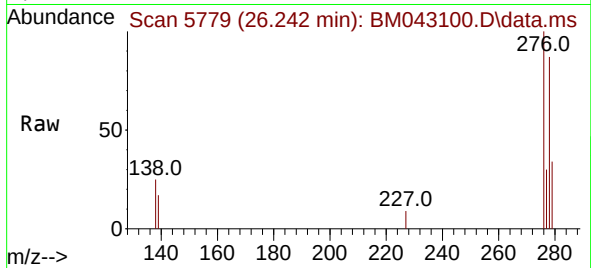




#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Instrument :
BNA_M
ClientSampleId :
SLCS409

Tgt Ion:278 Resp: 3407
Ion Ratio Lower Upper
278 100
139 20.0 18.1 27.1
279 39.1 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 26.976 min Scan# 5998
Delta R.T. -0.010 min
Lab File: BM043100.D
Acq: 01 Dec 2023 00:18

Tgt Ion:276 Resp: 4094
Ion Ratio Lower Upper
276 100
138 22.3 17.8 26.8
277 29.4 23.8 35.8

