

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043058.D
 Acq On : 27 Nov 2023 20:37
 Operator : MA/JU
 Sample : PB157100BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS100

Quant Time: Nov 28 00:23:34 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 : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

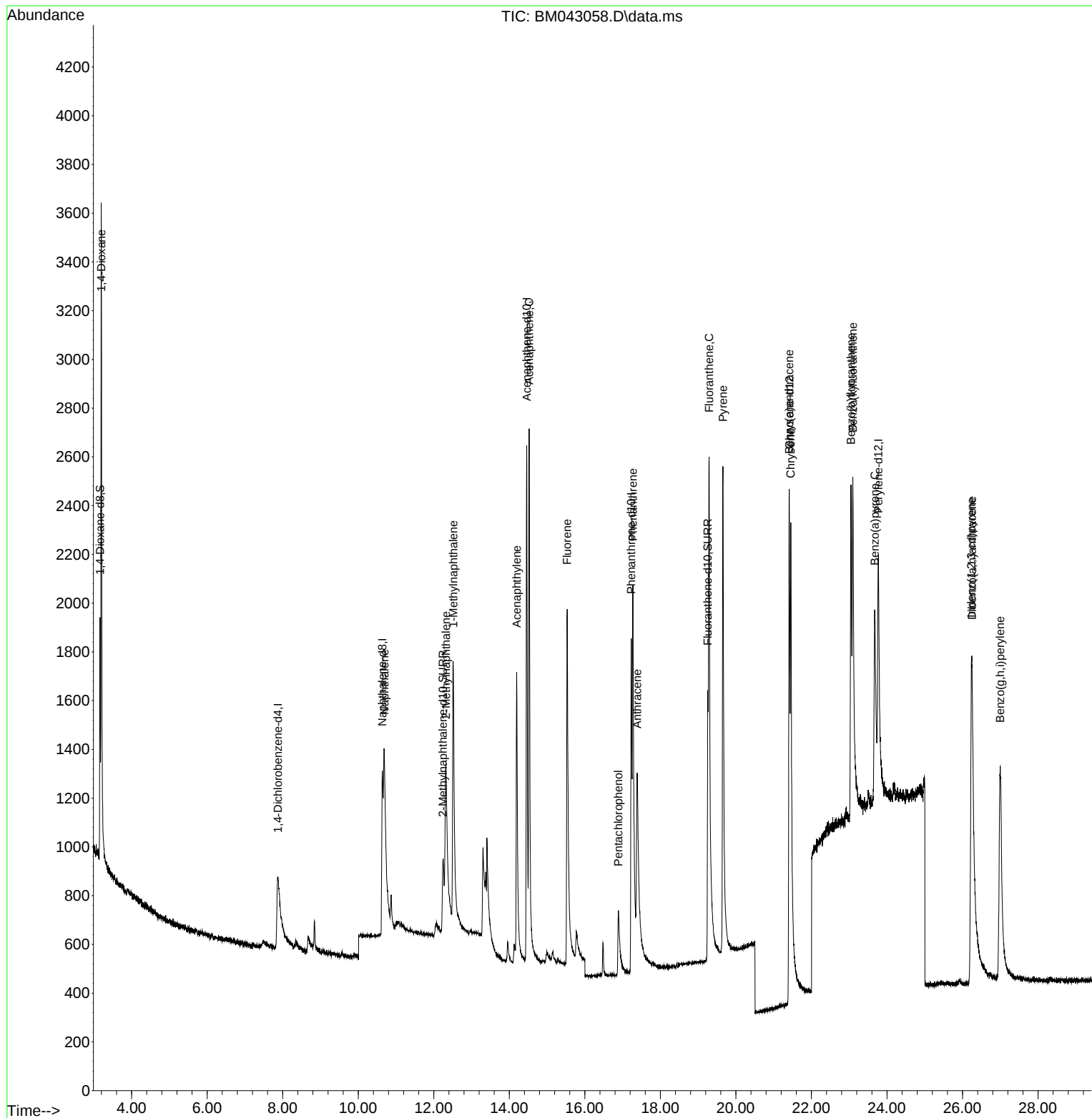
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	656	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	2525	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.459	164	1510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	3128	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	1672	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	2006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	736	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1096	0.324	ng/ul	-0.01
18) Fluoranthene-d10	19.257	212	2160	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	2029	1.877	ng/ul#	86
5) Naphthalene	10.693	128	1978	0.288	ng/ul	98
7) 2-Methylnaphthalene	12.321	142	1190	0.294	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	1273	0.282	ng/ul	98
10) Acenaphthylene	14.196	152	2238	0.290	ng/ul	98
11) Acenaphthene	14.524	153	1732	0.297	ng/ul	96
12) Fluorene	15.533	166	1800	0.300	ng/ul	96
14) Pentachlorophenol	16.891	266	478	0.565	ng/ul	94
15) Phenanthrene	17.271	178	2577	0.289	ng/ul	99
16) Anthracene	17.385	178	2451	0.290	ng/ul	98
19) Fluoranthene	19.289	202	3122	0.329	ng/ul	99
20) Pyrene	19.656	202	3286	0.326	ng/ul	99
21) Benzo(a)anthracene	21.409	228	1763	0.325	ng/ul	98
22) Chrysene	21.453	228	3122	0.309	ng/ul	100
24) Benzo(b)fluoranthene	23.046	252	2272	0.336	ng/ul	98
25) Benzo(k)fluoranthene	23.095	252	3180	0.341	ng/ul	96
26) Benzo(a)pyrene	23.674	252	2407	0.326	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.235	276	3310	0.331	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	2603	0.337	ng/ul	100
29) Benzo(g,h,i)perylene	26.997	276	3255	0.335	ng/ul	99

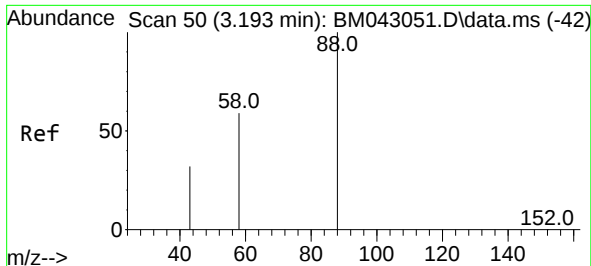
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043058.D
Acq On : 27 Nov 2023 20:37
Operator : MA/JU
Sample : PB157100BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS100

Quant Time: Nov 28 00:23:34 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

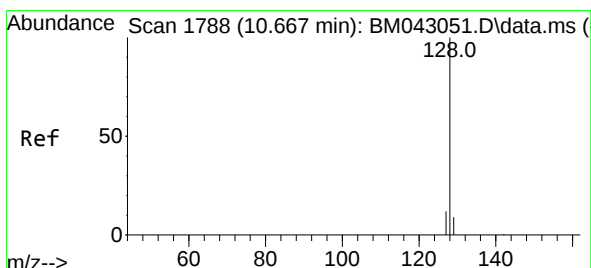
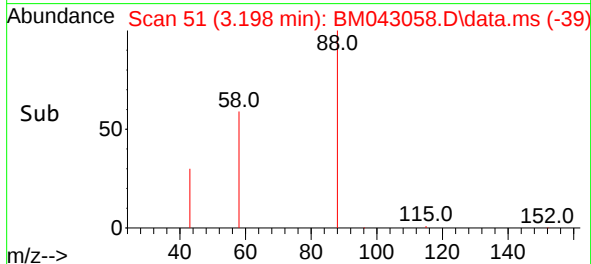
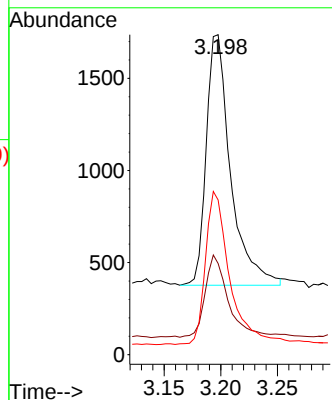
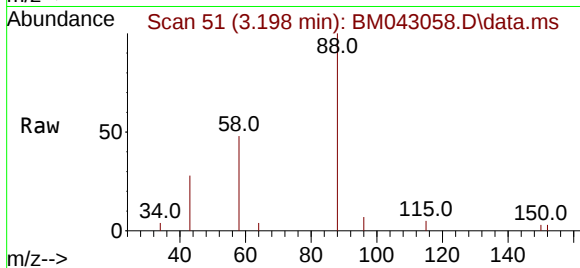




#2
1,4-Dioxane
Concen: 1.877 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

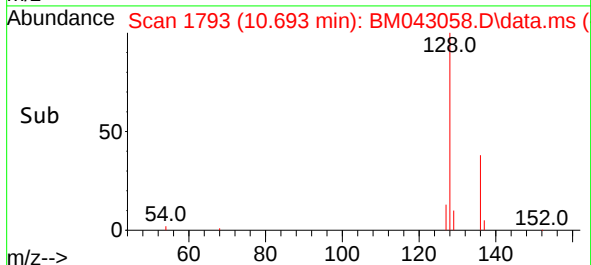
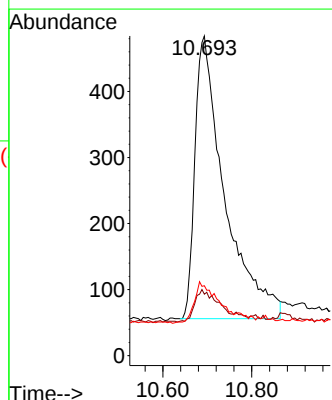
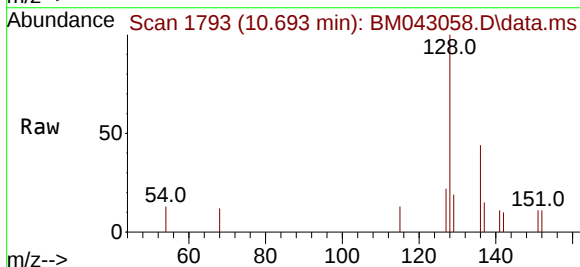
Instrument :
BNA_M
ClientSampleId :
SLCS100

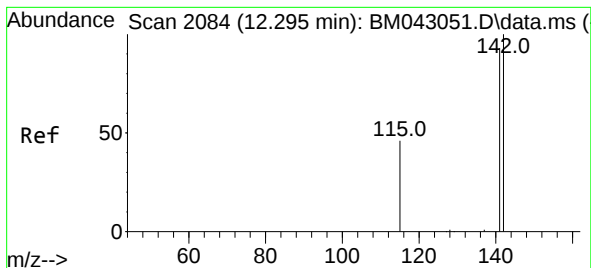
Tgt Ion: 88 Resp: 2029
Ion Ratio Lower Upper
88 100
43 28.5 22.8 34.2
58 48.4 26.8 40.2#



#5
Naphthalene
Concen: 0.288 ng/ul
RT: 10.693 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion: 128 Resp: 1978
Ion Ratio Lower Upper
128 100
129 19.2 16.0 24.0
127 21.9 16.5 24.7

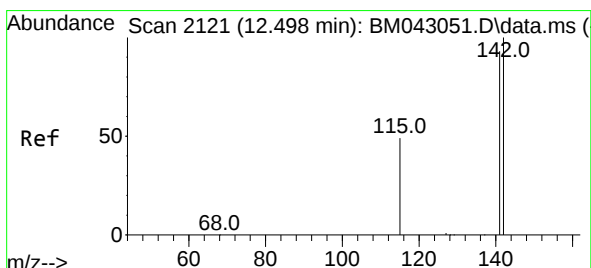
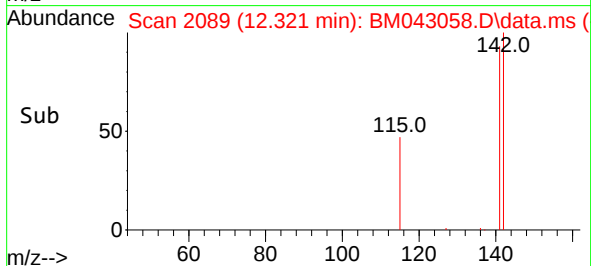
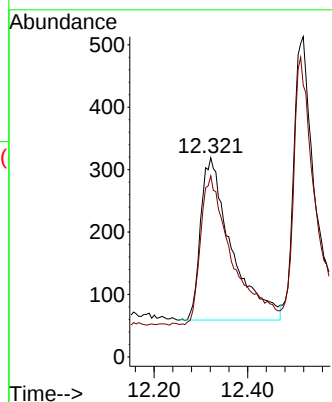
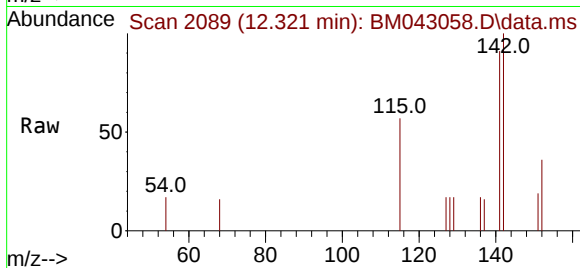




#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.321 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

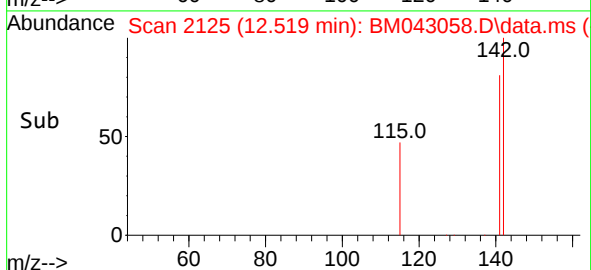
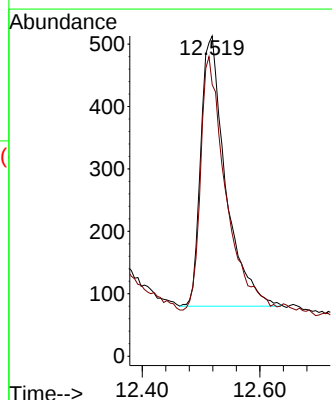
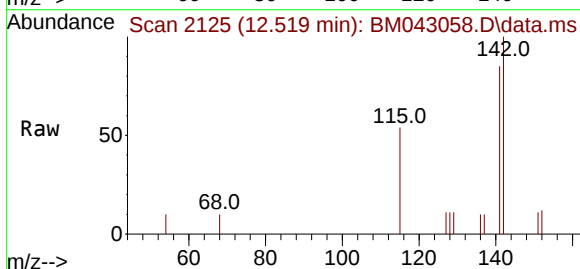
Instrument :
BNA_M
ClientSampleId :
SLCS100

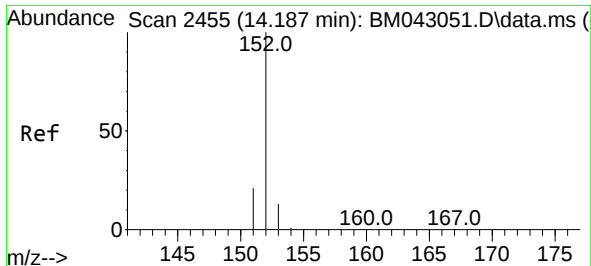
Tgt Ion:142 Resp: 1190
Ion Ratio Lower Upper
142 100
141 95.1 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.519 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:142 Resp: 1273
Ion Ratio Lower Upper
142 100
141 94.7 73.8 110.8

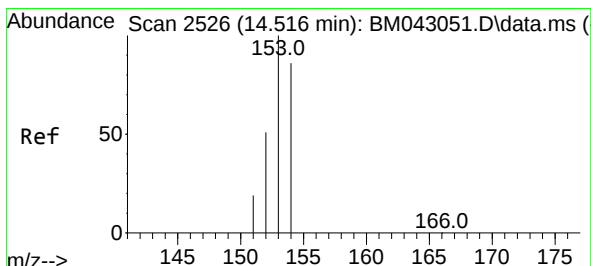
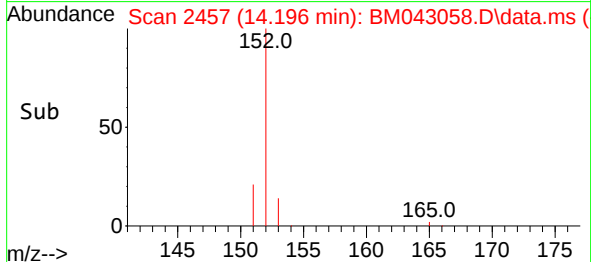
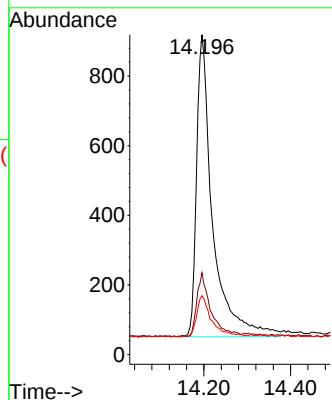
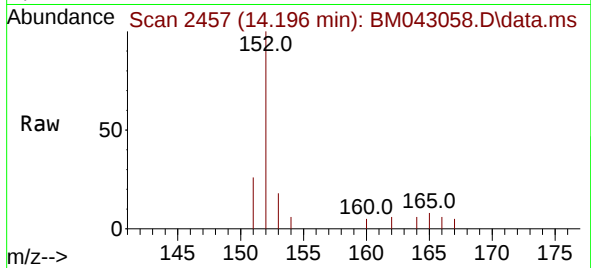




#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.196 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

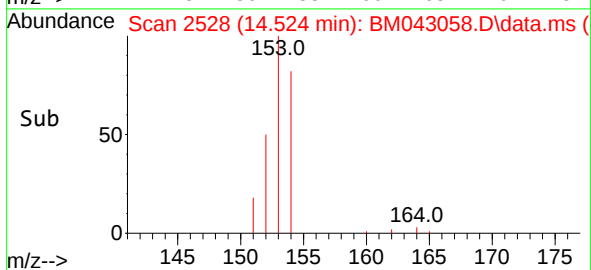
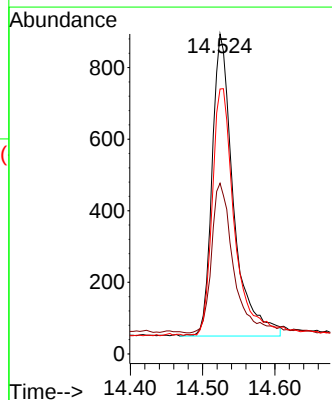
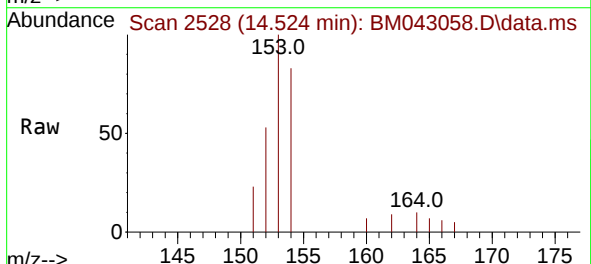
Instrument :
BNA_M
ClientSampleId :
SLCS100

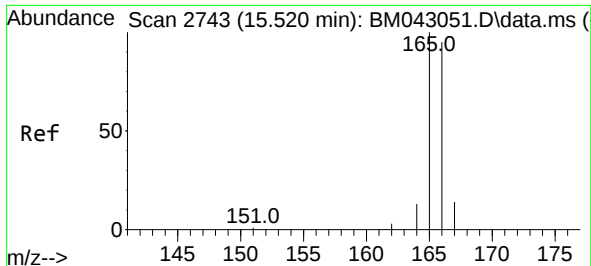
Tgt Ion:152 Resp: 2238
Ion Ratio Lower Upper
152 100
151 25.6 19.4 29.0
153 18.4 14.6 21.8



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:153 Resp: 1732
Ion Ratio Lower Upper
153 100
152 53.4 43.9 65.9
154 82.8 70.6 105.8

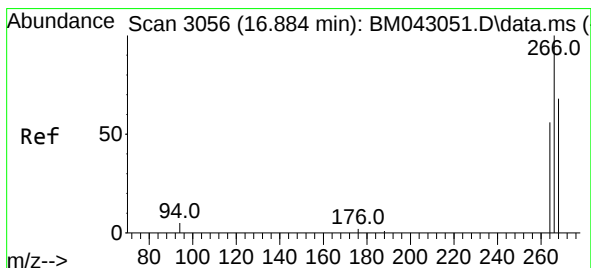
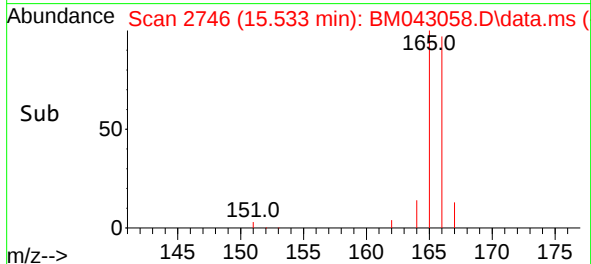
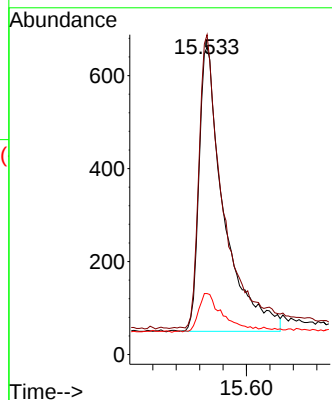
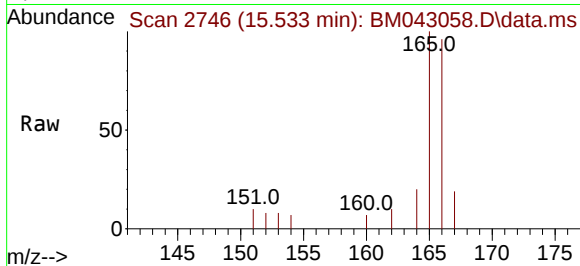




#12
 Fluorene
 Concen: 0.300 ng/ul
 RT: 15.533 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM043058.D
 Acq: 27 Nov 2023 20:37

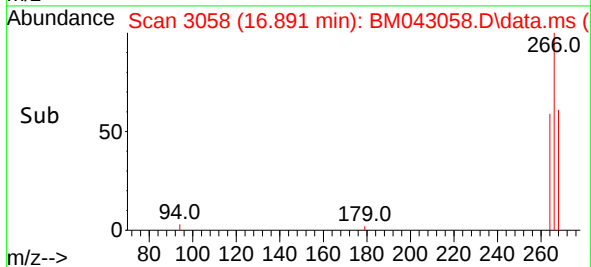
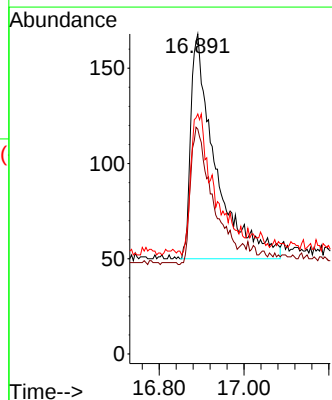
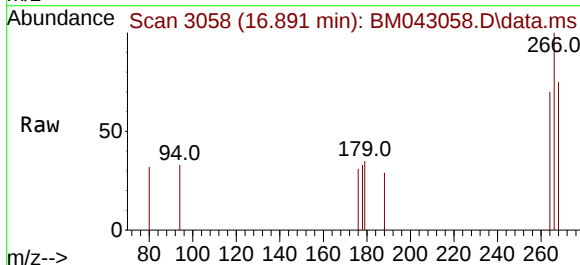
Instrument :
 BNA_M
 ClientSampleId :
 SLCS100

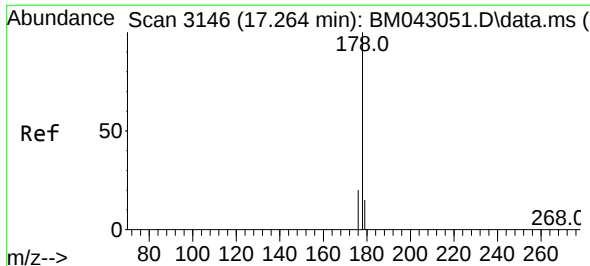
Tgt Ion:166 Resp: 1800
 Ion Ratio Lower Upper
 166 100
 165 104.1 79.9 119.9
 167 19.8 14.2 21.4



#14
 Pentachlorophenol
 Concen: 0.565 ng/ul
 RT: 16.891 min Scan# 3058
 Delta R.T. -0.021 min
 Lab File: BM043058.D
 Acq: 27 Nov 2023 20:37

Tgt Ion:266 Resp: 478
 Ion Ratio Lower Upper
 266 100
 264 55.0 48.8 73.2
 268 60.9 51.8 77.6

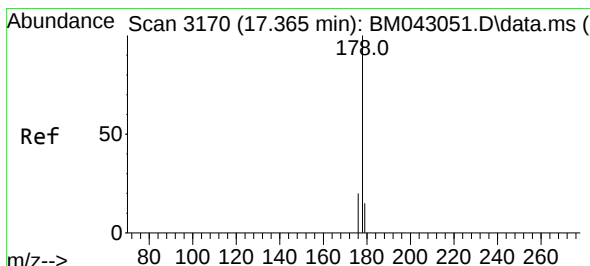
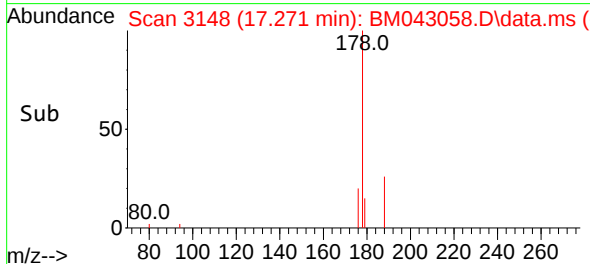
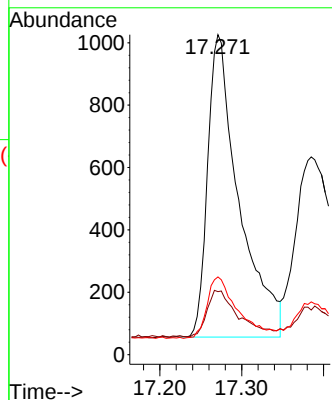
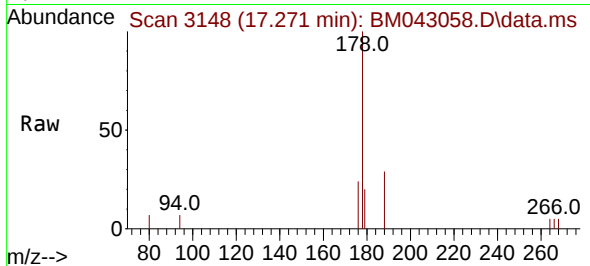




#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 17.271 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

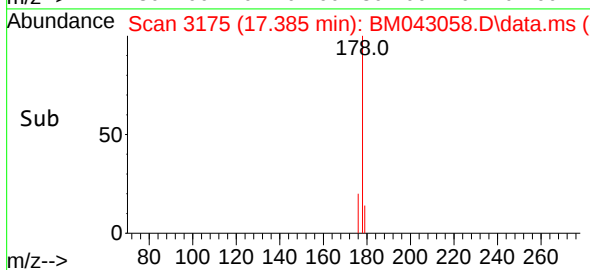
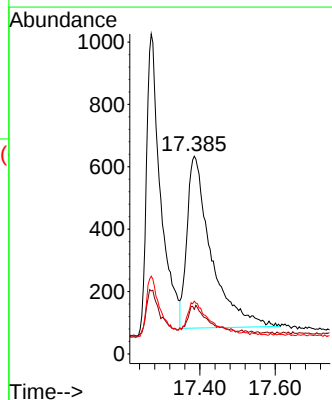
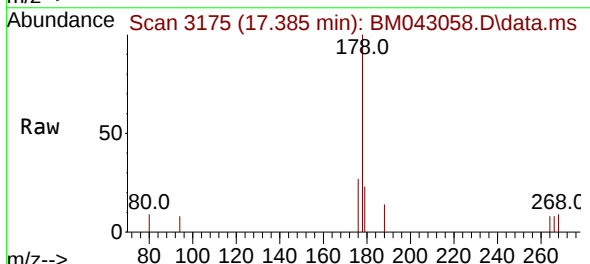
Instrument :
BNA_M
ClientSampleId :
SLCS100

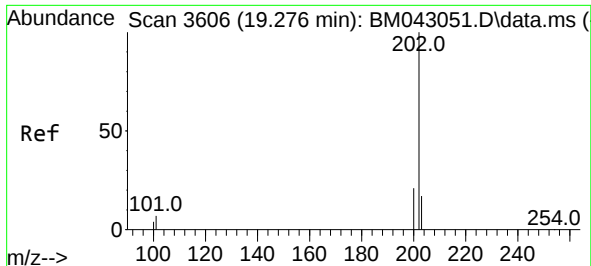
Tgt Ion:178 Resp: 2577
Ion Ratio Lower Upper
178 100
179 19.7 15.7 23.5
176 24.3 18.9 28.3



#16
Anthracene
Concen: 0.290 ng/ul
RT: 17.385 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:178 Resp: 2451
Ion Ratio Lower Upper
178 100
179 22.6 17.3 25.9
176 26.7 20.5 30.7

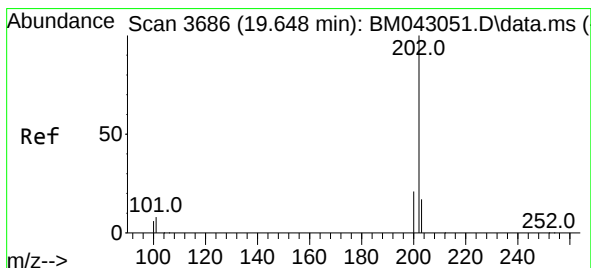
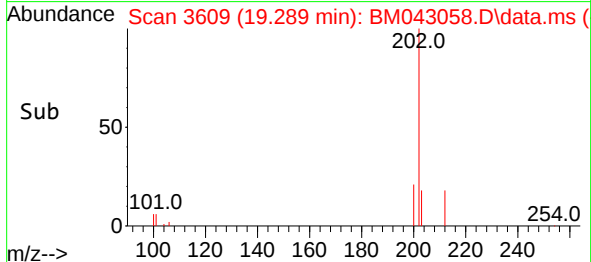
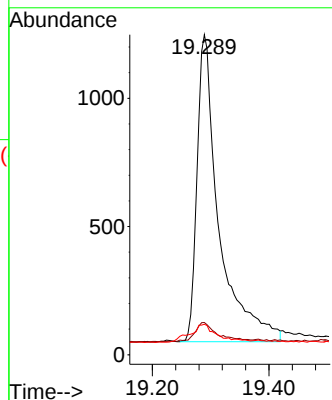
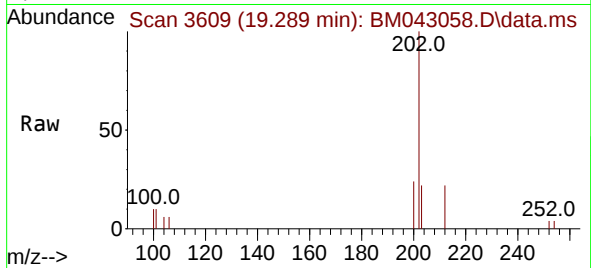




#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.004 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

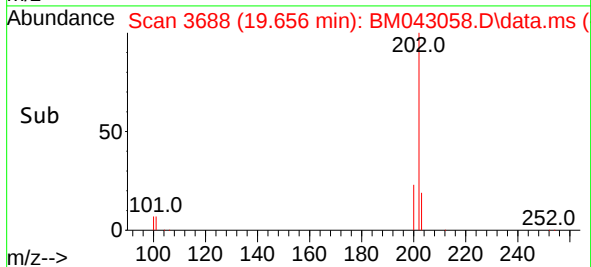
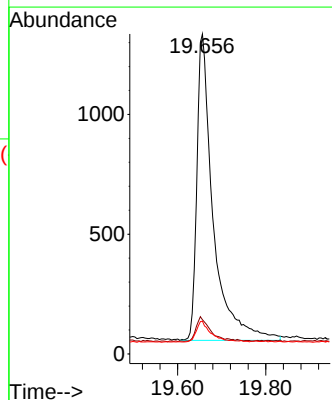
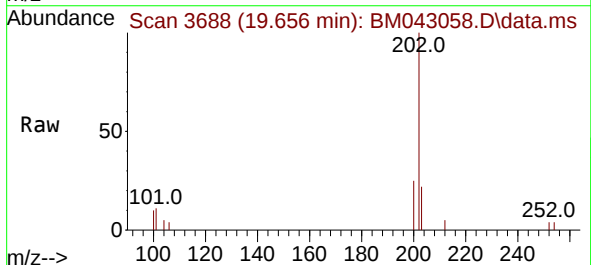
Instrument :
BNA_M
ClientSampleId :
SLCS100

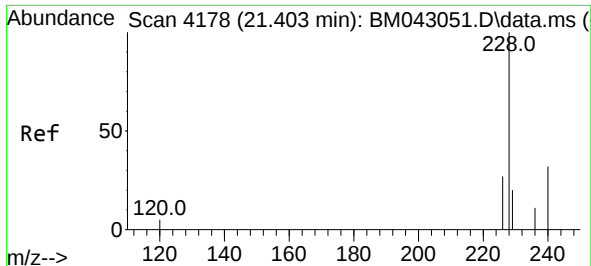
Tgt Ion:202 Resp: 3122
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.8
100 9.5 7.1 10.7



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.004 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:202 Resp: 3286
Ion Ratio Lower Upper
202 100
101 10.7 8.7 13.1
100 10.3 7.8 11.8

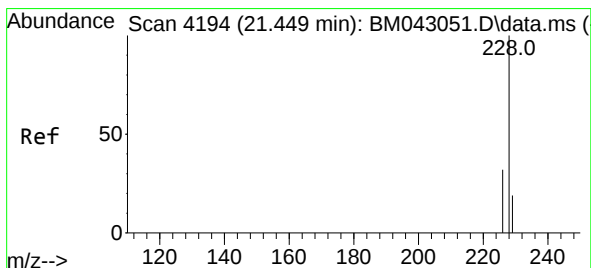
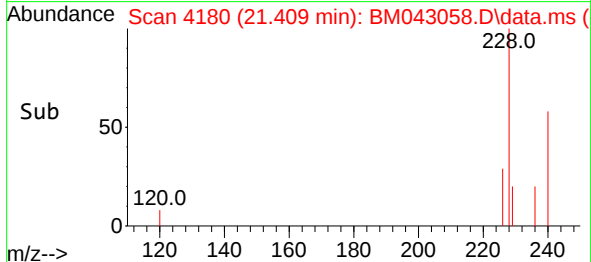
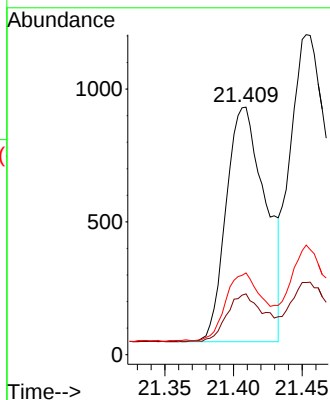
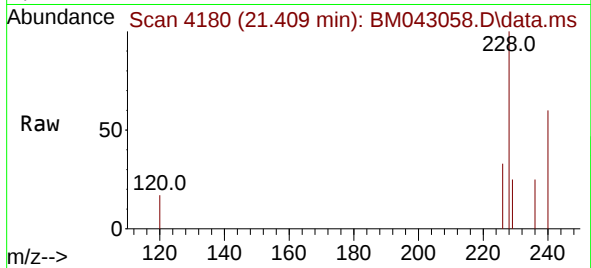




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.409 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

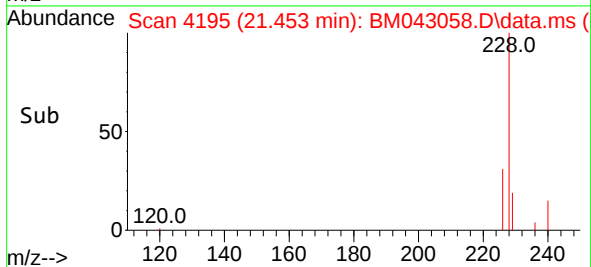
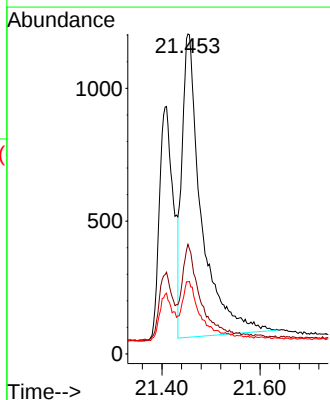
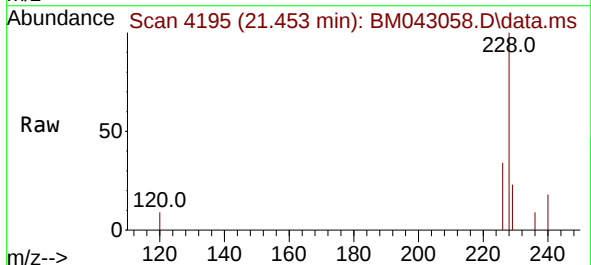
Instrument :
BNA_M
ClientSampleId :
SLCS100

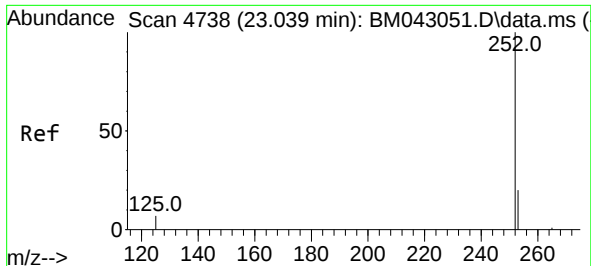
Tgt Ion:228 Resp: 1763
Ion Ratio Lower Upper
228 100
229 24.6 19.4 29.0
226 33.0 24.9 37.3



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:228 Resp: 3122
Ion Ratio Lower Upper
228 100
226 34.3 27.2 40.8
229 22.6 18.0 27.0

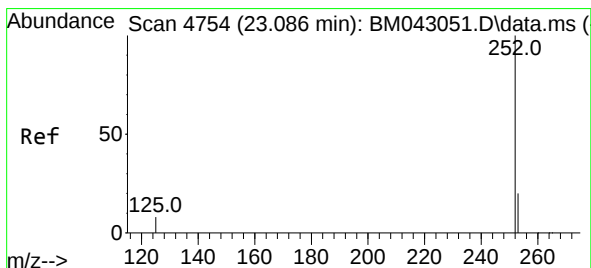
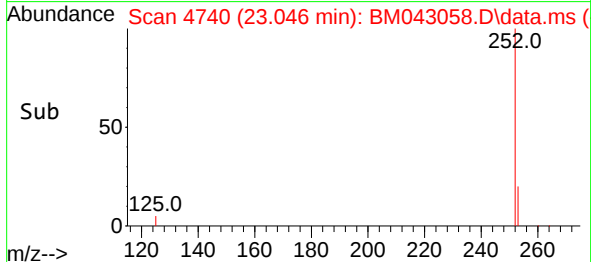
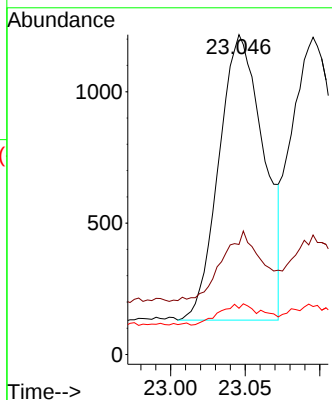
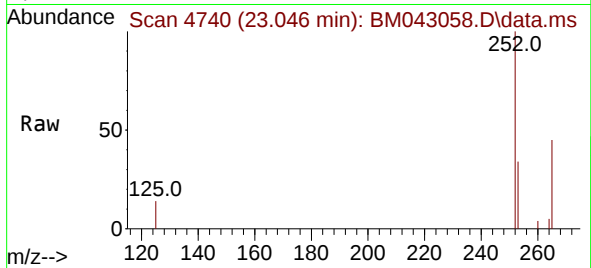




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.046 min Scan# 4738
Delta R.T. -0.006 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

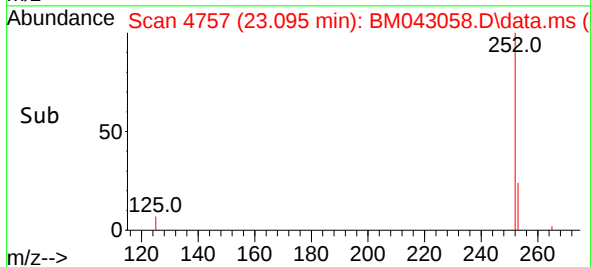
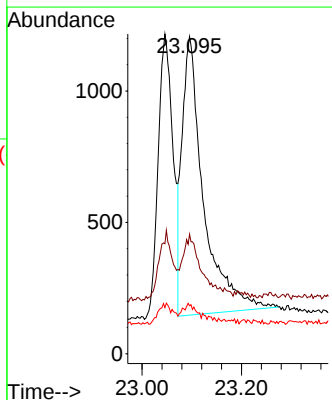
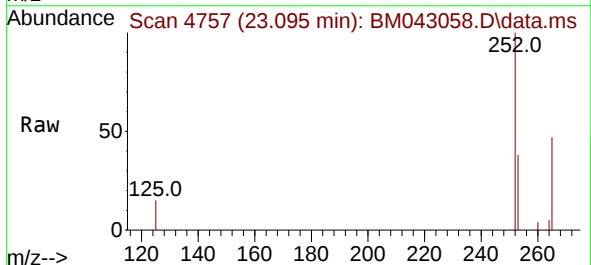
Instrument :
BNA_M
ClientSampleId :
SLCS100

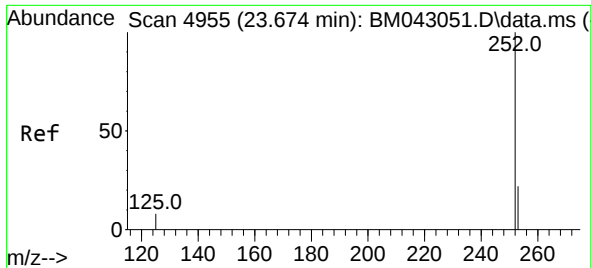
Tgt Ion:252	Resp:	2272
Ion Ratio	Lower	Upper
252	100	
253	34.4	0.0 71.8
125	14.5	0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:252	Resp:	3180
Ion Ratio	Lower	Upper
252	100	
253	37.7	28.2 42.2
125	15.2	11.0 16.6

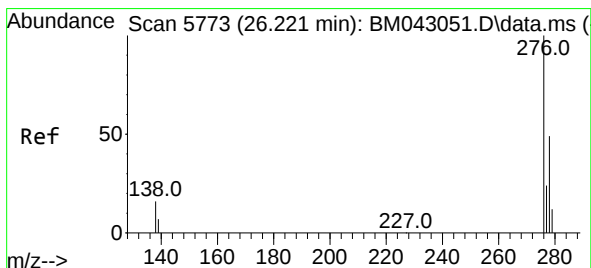
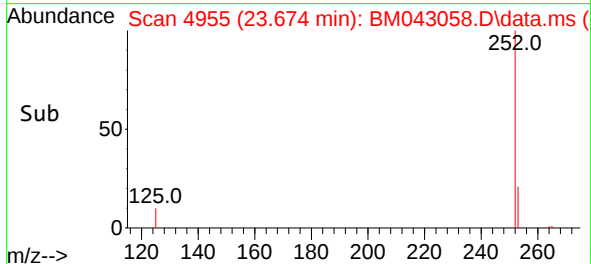
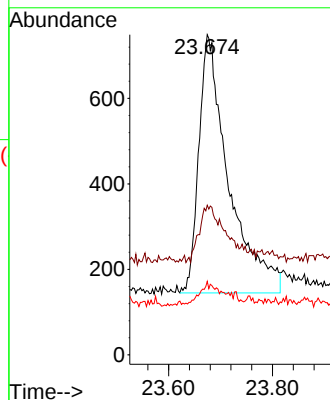
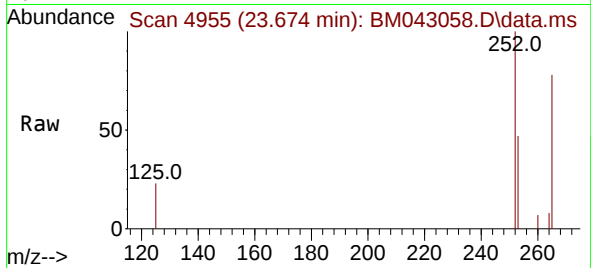




#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.674 min Scan# 4955
Delta R.T. -0.011 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

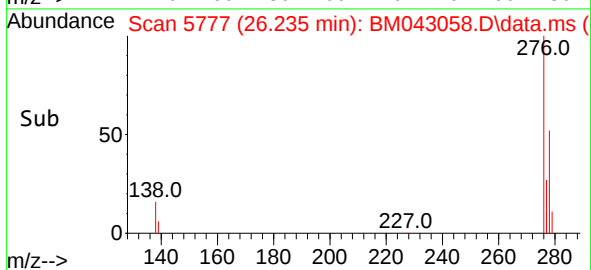
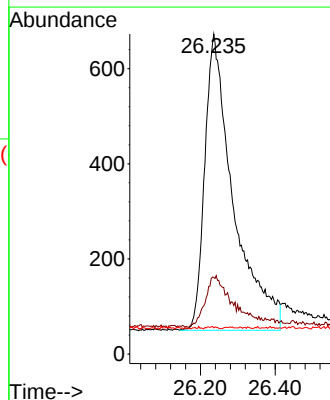
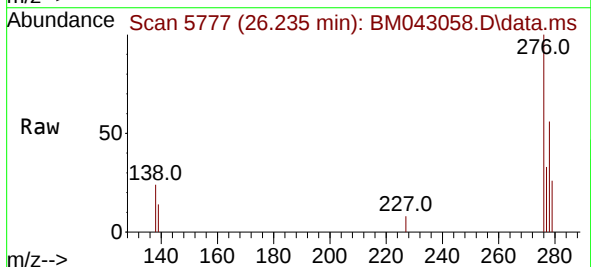
Instrument :
BNA_M
ClientSampleId :
SLCS100

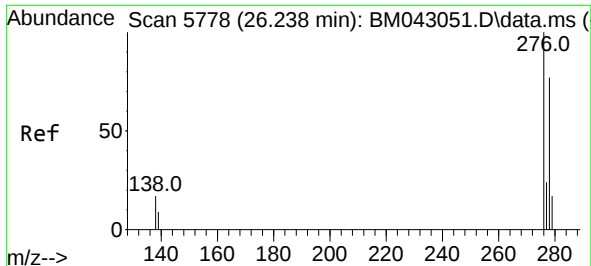
Tgt Ion:	252	Resp:	2407
Ion Ratio	Lower	Upper	
252	100		
253	46.7	36.6	55.0
125	23.0	16.2	24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 26.235 min Scan# 5777
Delta R.T. -0.003 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:	276	Resp:	3310
Ion Ratio	Lower	Upper	
276	100		
138	17.6	0.0	0.0#
227	0.2	0.2	0.2#

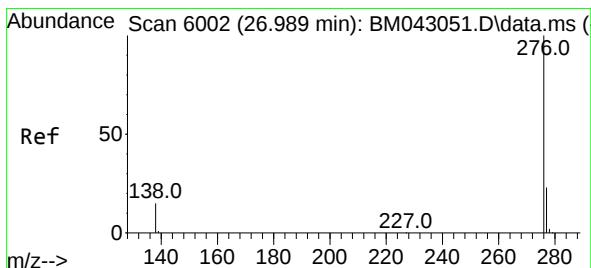
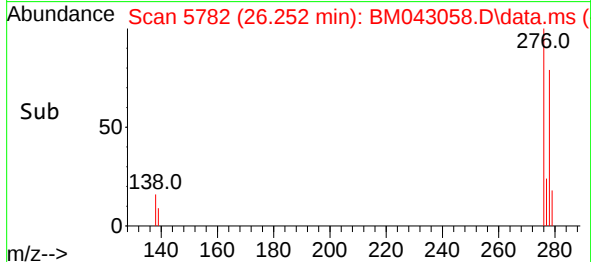
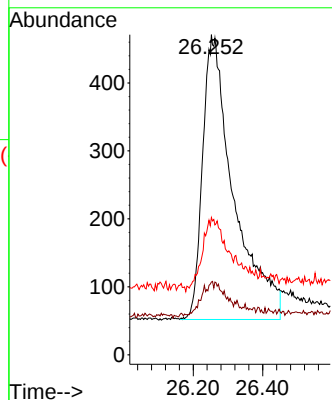
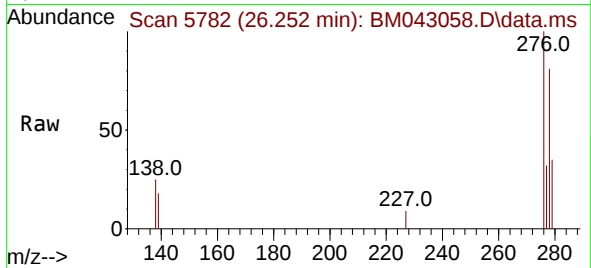




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.252 min Scan# 5782
Delta R.T. -0.023 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_M
ClientSampleId :
SLCS100

Tgt Ion:278 Resp: 2603
Ion Ratio Lower Upper
278 100
139 22.7 18.1 27.1
279 42.9 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:276 Resp: 3255
Ion Ratio Lower Upper
276 100
138 22.6 17.8 26.8
277 29.3 23.8 35.8

