

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045058.D
 Acq On : 09 Apr 2024 01:52
 Operator : MA/JU
 Sample : PB160056BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS056

Quant Time: Apr 09 03:34:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 09 02:13:29 2024
 Response via : Initial Calibration

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

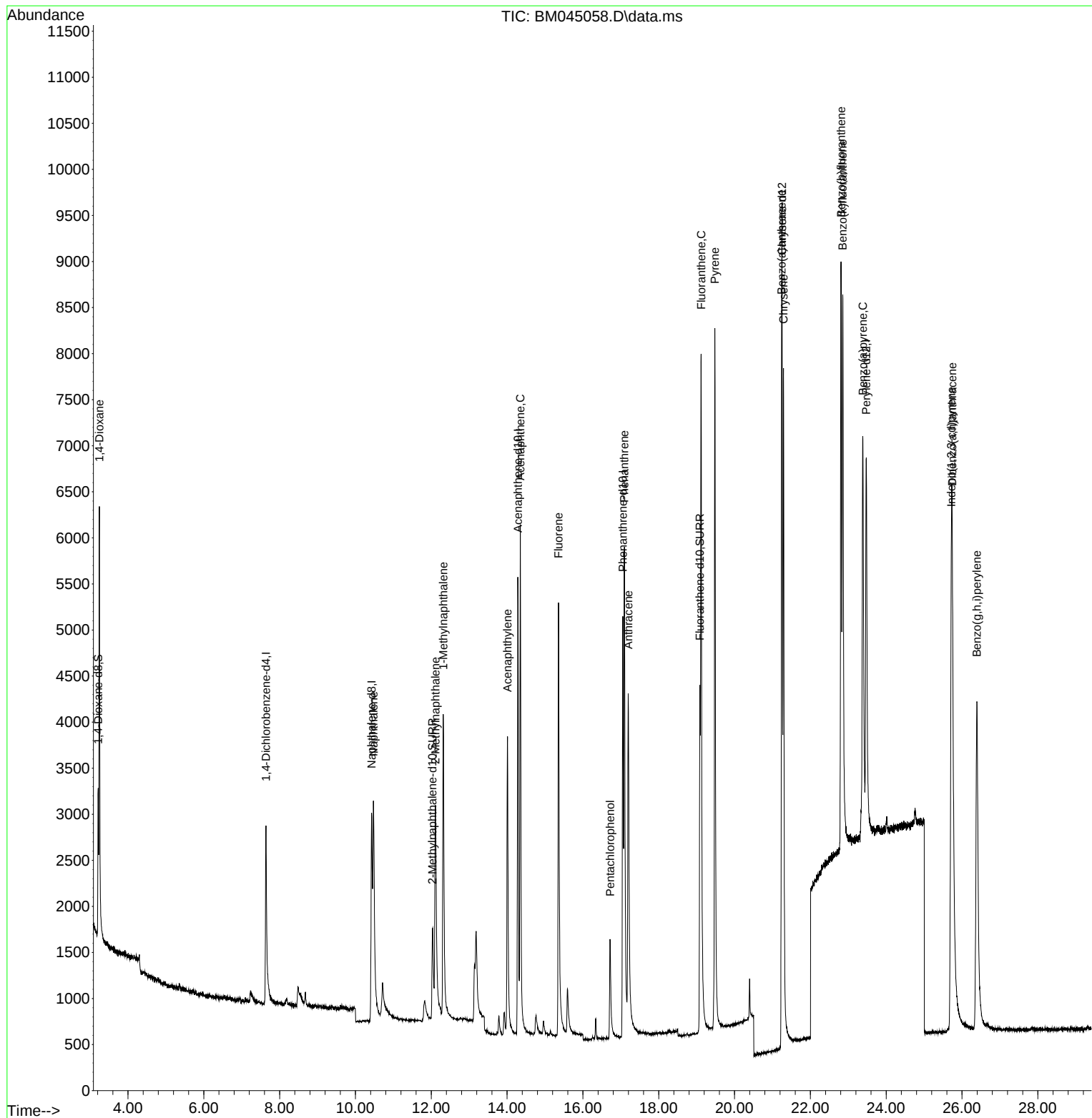
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1666	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.424	136	5745	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.284	164	3376	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	7533	0.400	ng/ul	0.00
17) Chrysene-d12	21.255	240	5797	0.400	ng/ul	0.00
23) Perylene-d12	23.473	264	6928	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1165	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	2515	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.085	212	5769	0.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	3229	1.539	ng/ul#	82
5) Naphthalene	10.474	128	5006	0.328	ng/ul	98
7) 2-Methylnaphthalene	12.112	142	3150	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	3296	0.332	ng/ul	99
10) Acenaphthylene	14.011	152	5423	0.322	ng/ul	99
11) Acenaphthene	14.348	153	3959	0.328	ng/ul	98
12) Fluorene	15.357	166	4452	0.329	ng/ul	99
14) Pentachlorophenol	16.718	266	1234	0.699	ng/ul	94
15) Phenanthrene	17.094	178	7251	0.342	ng/ul	100
16) Anthracene	17.195	178	7120	0.341	ng/ul	98
19) Fluoranthene	19.117	202	8502	0.410	ng/ul	99
20) Pyrene	19.480	202	8796	0.402	ng/ul	97
21) Benzo(a)anthracene	21.240	228	7222	0.358	ng/ul	99
22) Chrysene	21.290	228	8547	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.809	252	9018	0.360	ng/ul	98
25) Benzo(k)fluoranthene	22.853	252	10210	0.364	ng/ul	96
26) Benzo(a)pyrene	23.385	252	8674	0.363	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.716	276	11678	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.743	278	9242	0.356	ng/ul	96
29) Benzo(g,h,i)perylene	26.390	276	10145	0.359	ng/ul	97

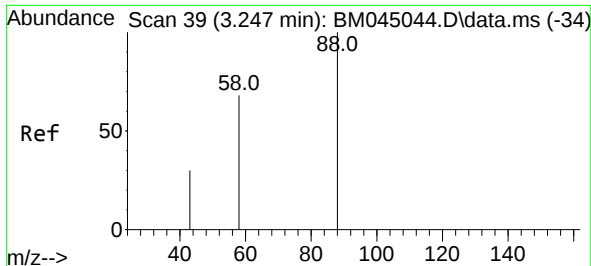
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
Data File : BM045058.D
Acq On : 09 Apr 2024 01:52
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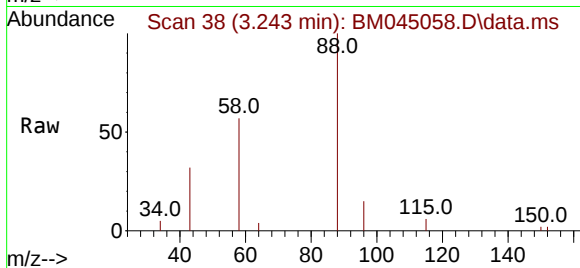
Quant Time: Apr 09 03:34:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 09 02:13:29 2024
Response via : Initial Calibration



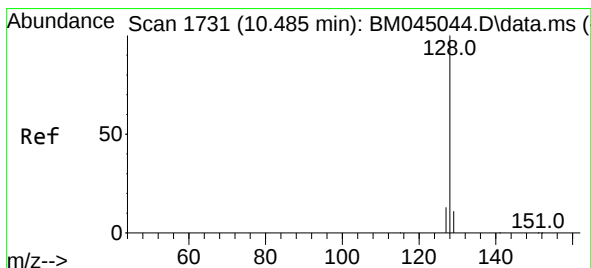
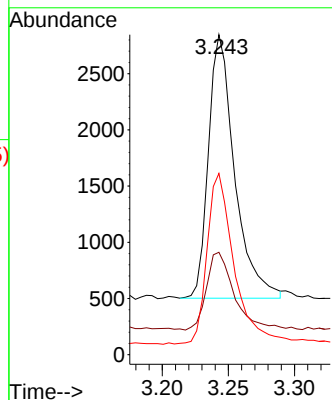
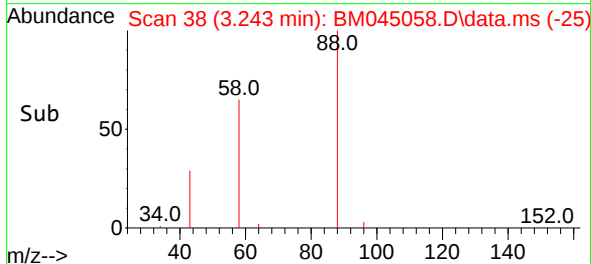


#2
1,4-Dioxane
Concen: 1.539 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS056

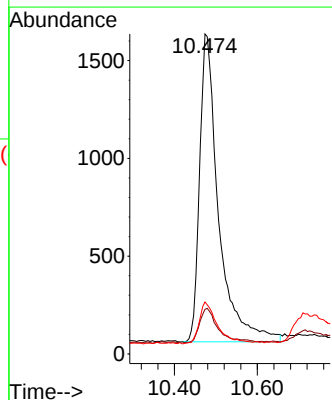
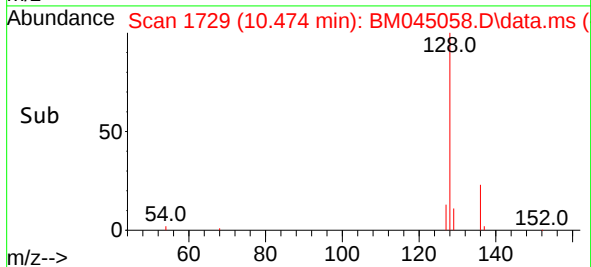
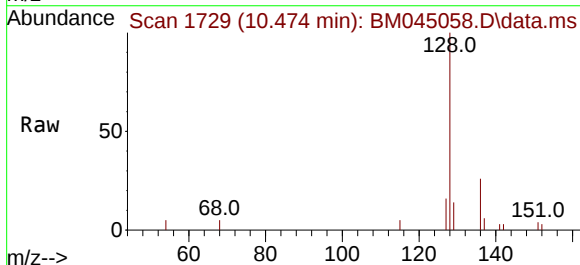


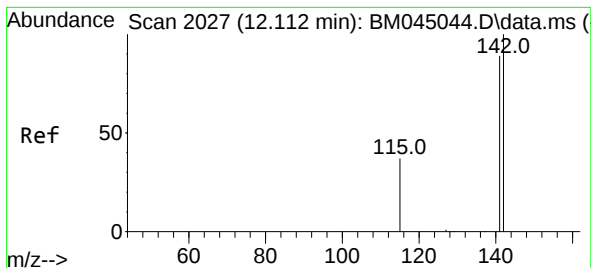
Tgt Ion: 88 Resp: 3229
Ion Ratio Lower Upper
88 100
43 32.0 30.6 46.0
58 56.7 32.6 48.8#



#5
Naphthalene
Concen: 0.328 ng/ul
RT: 10.474 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion: 128 Resp: 5006
Ion Ratio Lower Upper
128 100
129 13.9 11.3 16.9
127 16.3 11.9 17.9

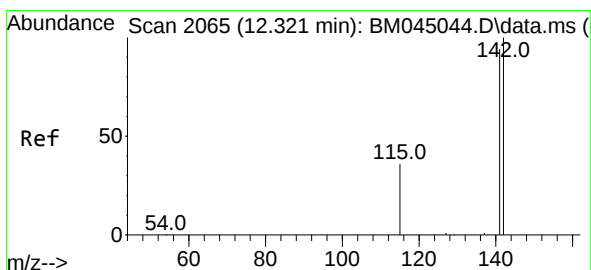
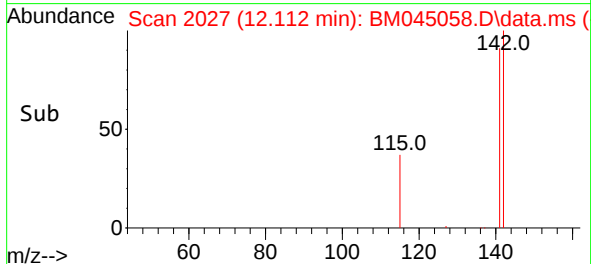
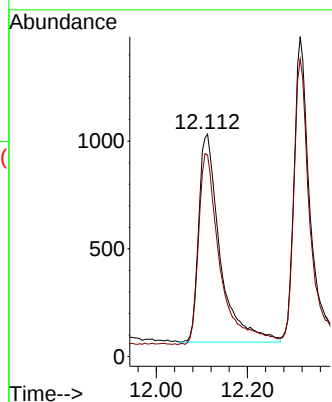
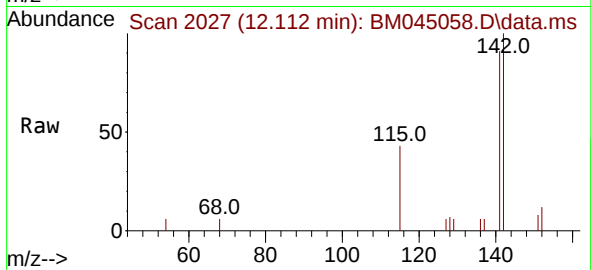




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

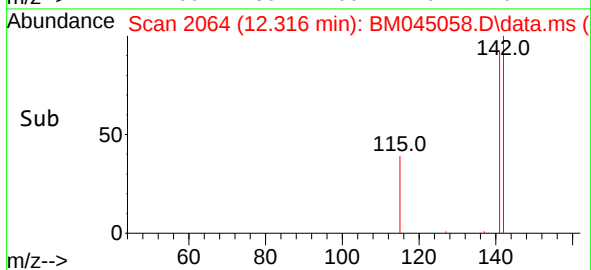
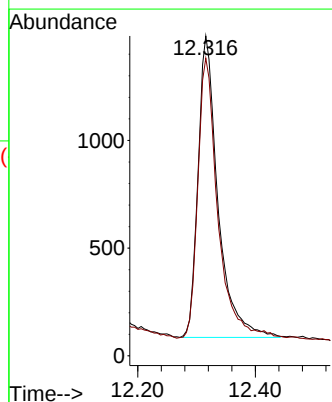
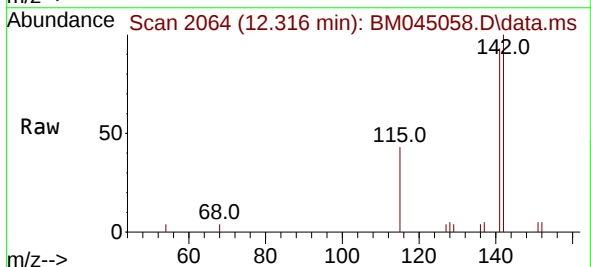
Instrument :
BNA_M
ClientSampleId :
SLCS056

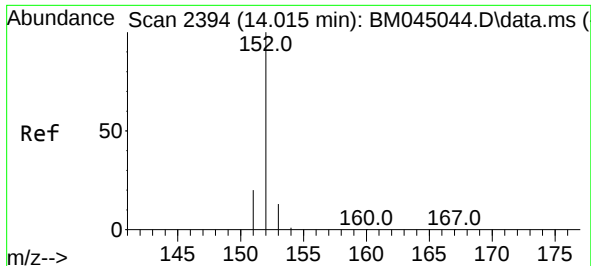
Tgt Ion:142 Resp: 3150
Ion Ratio Lower Upper
142 100
141 93.2 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:142 Resp: 3296
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.2

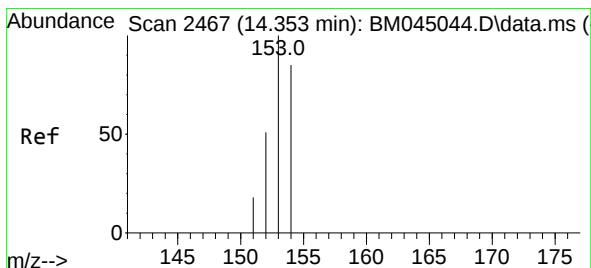
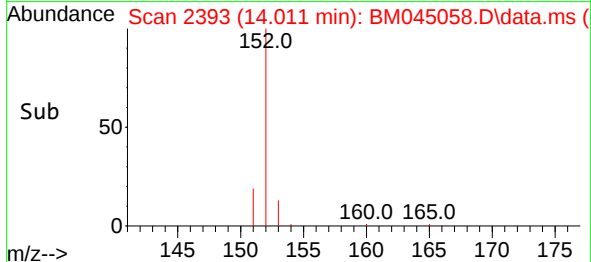
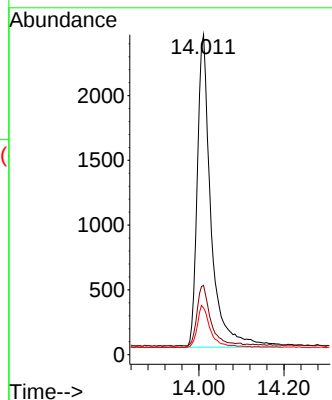
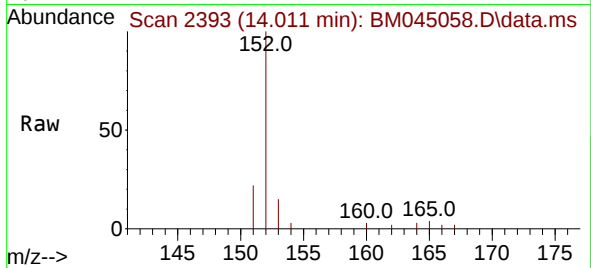




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.011 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

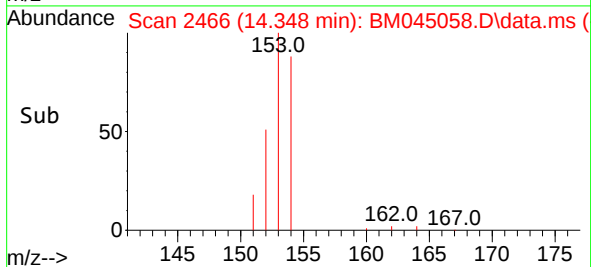
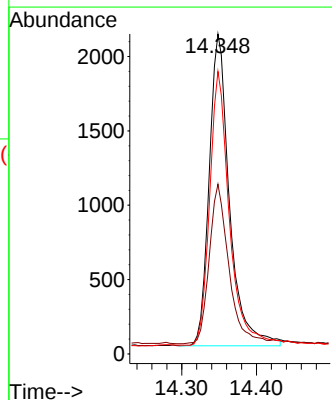
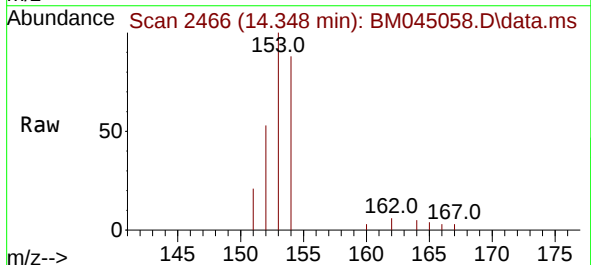
Instrument :
BNA_M
ClientSampleId :
SLCS056

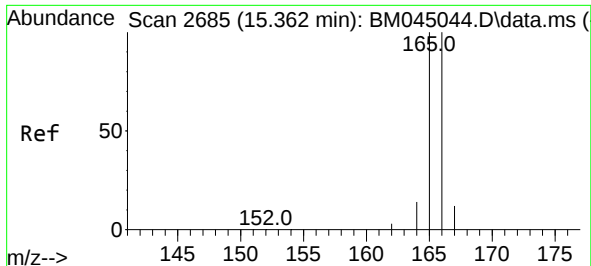
Tgt Ion:152 Resp: 5423
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.4
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.348 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:153 Resp: 3959
Ion Ratio Lower Upper
153 100
152 53.0 41.2 61.8
154 88.3 69.4 104.0

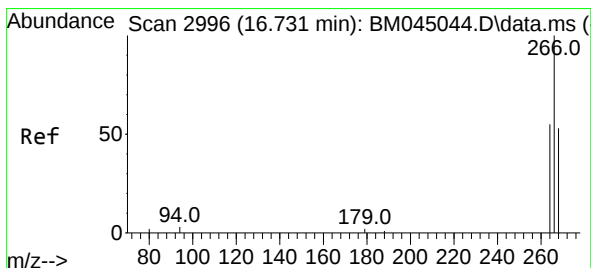
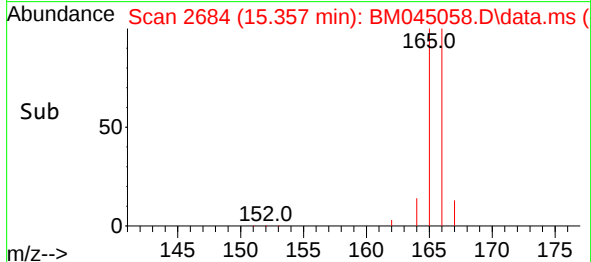
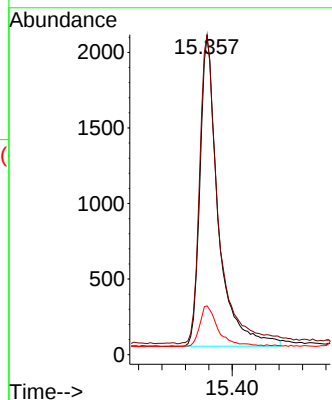
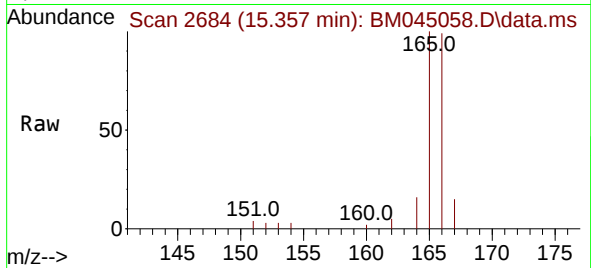




#12
 Fluorene
 Concen: 0.329 ng/ul
 RT: 15.357 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BM045058.D
 Acq: 09 Apr 2024 01:52

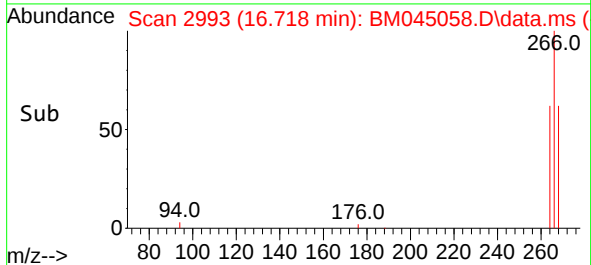
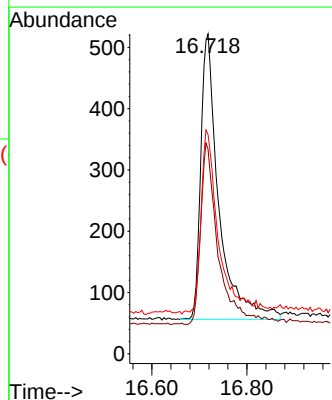
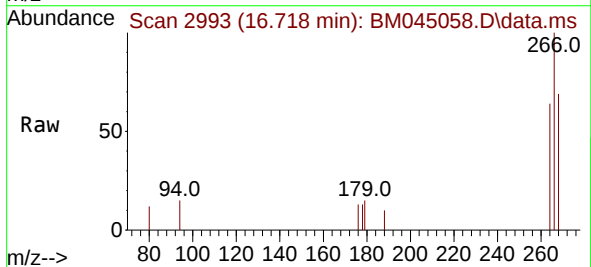
Instrument :
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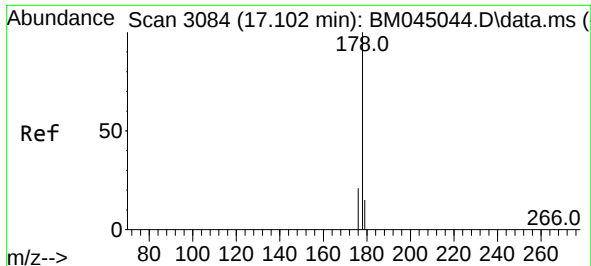
Tgt Ion:166 Resp: 4452
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.9 119.9
 167 15.4 12.2 18.2



#14
 Pentachlorophenol
 Concen: 0.699 ng/ul
 RT: 16.718 min Scan# 2993
 Delta R.T. -0.013 min
 Lab File: BM045058.D
 Acq: 09 Apr 2024 01:52

Tgt Ion:266 Resp: 1234
 Ion Ratio Lower Upper
 266 100
 264 62.1 48.3 72.5
 268 59.0 52.6 79.0

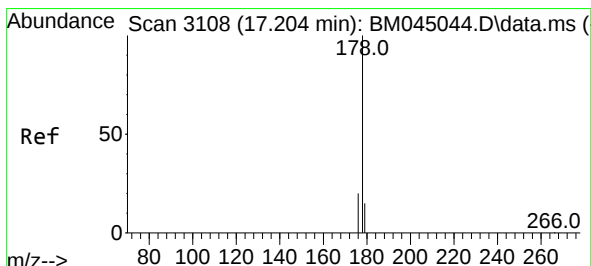
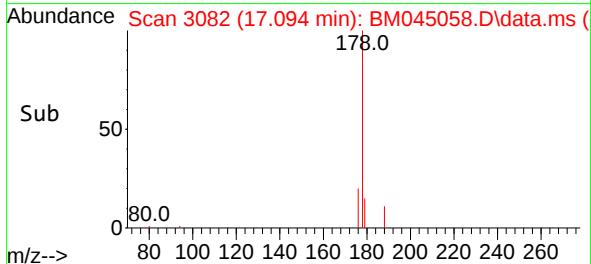
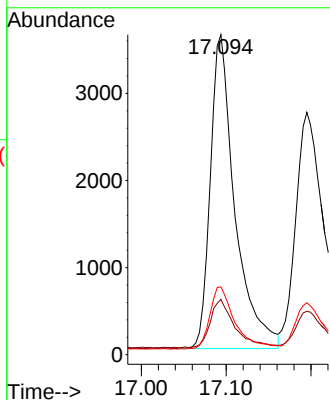
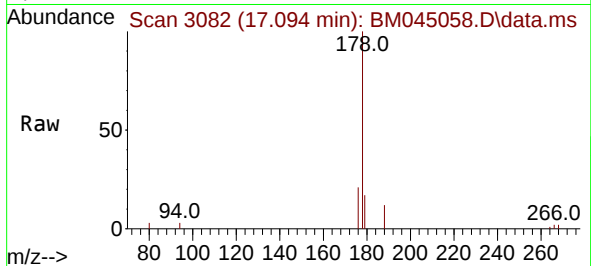




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.008 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

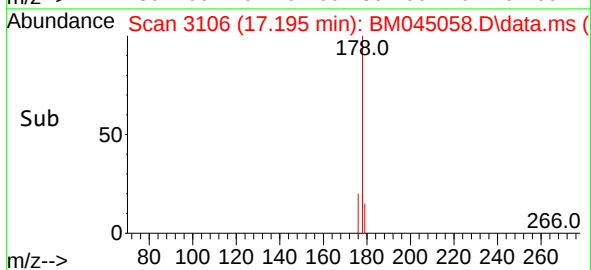
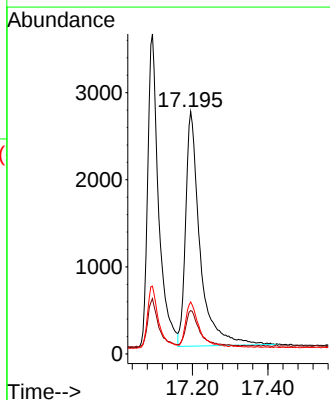
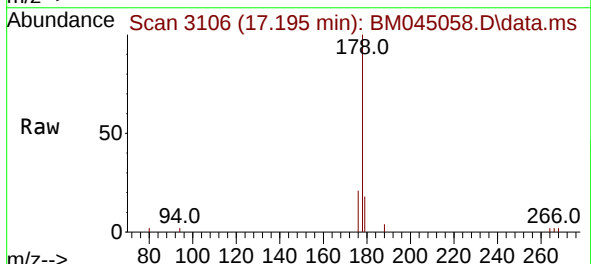
Instrument :
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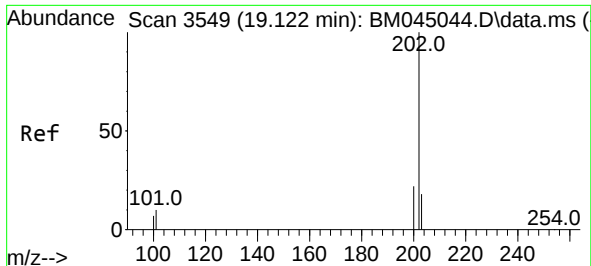
Tgt Ion:	178	Resp:	7251
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.7	20.5
176	21.2	17.0	25.4



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.195 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:	178	Resp:	7120
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.8	20.8
176	21.4	16.2	24.4

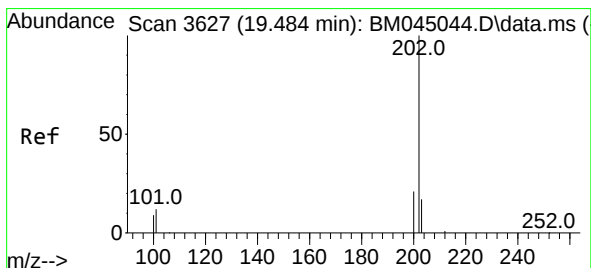
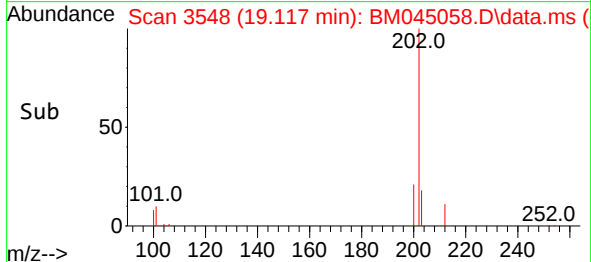
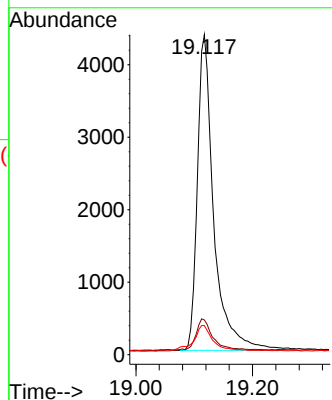
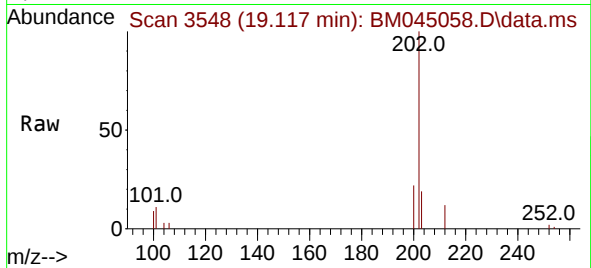




#19
Fluoranthene
Concen: 0.410 ng/u1
RT: 19.117 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

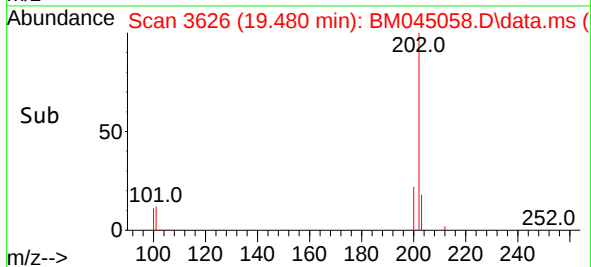
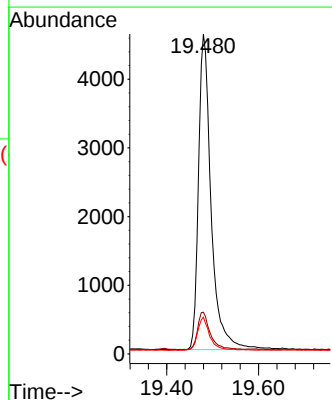
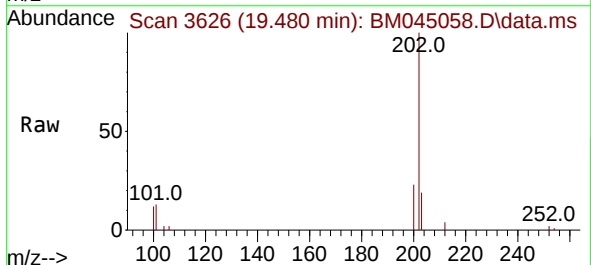
Instrument :
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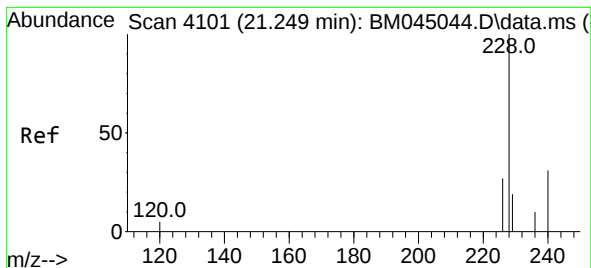
Tgt Ion:202 Resp: 8502
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.402 ng/u1
RT: 19.480 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:202 Resp: 8796
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 11.5 8.1 12.1





#21

Benzo(a)anthracene

Concen: 0.358 ng/ul

RT: 21.240 min Scan# 4101

Delta R.T. -0.009 min

Lab File: BM045058.D

Acq: 09 Apr 2024 01:52

Instrument :

BNA_M

ClientSampleId :

SLCS056

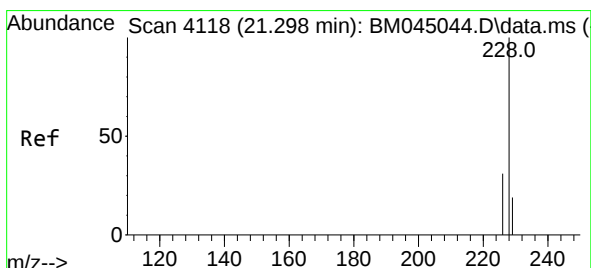
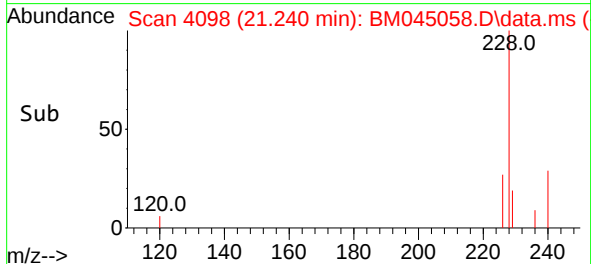
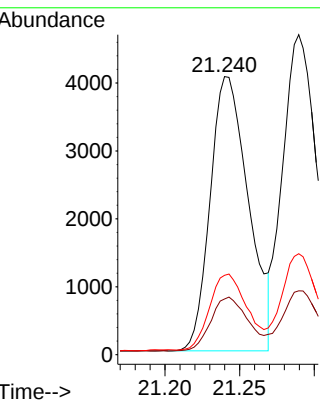
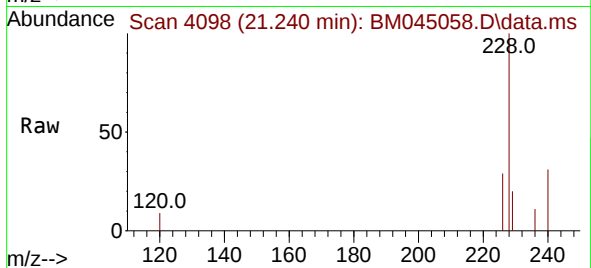
Tgt Ion:228 Resp: 7222

Ion Ratio Lower Upper

228 100

229 20.1 16.4 24.6

226 28.5 22.3 33.5



#22

Chrysene

Concen: 0.339 ng/ul

RT: 21.290 min Scan# 4115

Delta R.T. -0.009 min

Lab File: BM045058.D

Acq: 09 Apr 2024 01:52

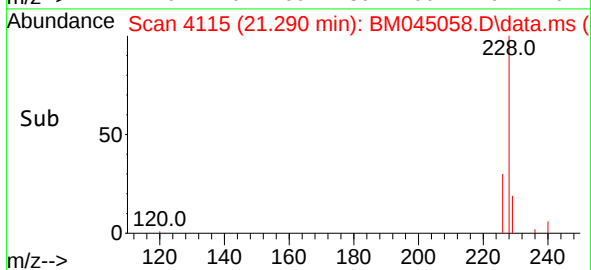
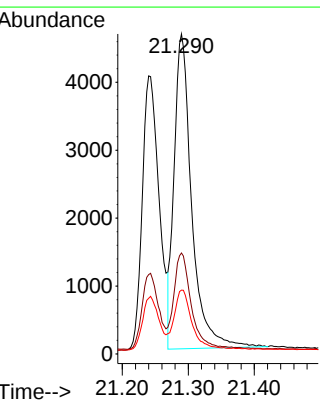
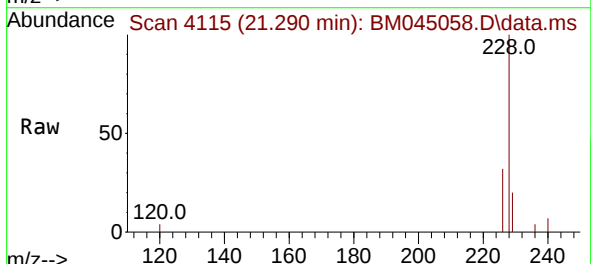
Tgt Ion:228 Resp: 8547

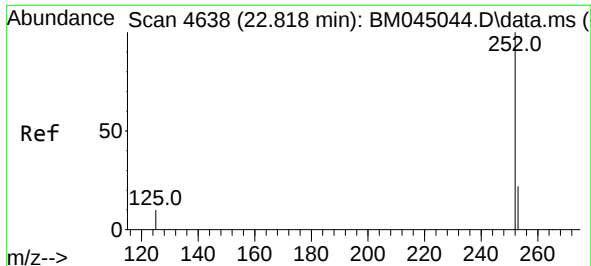
Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

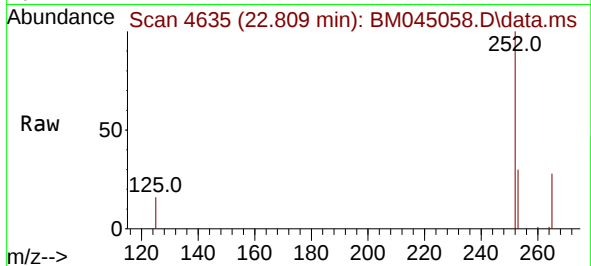
229 19.9 15.9 23.9



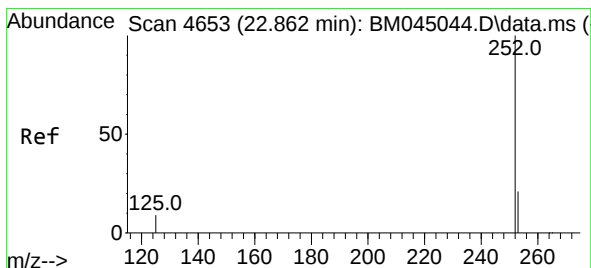
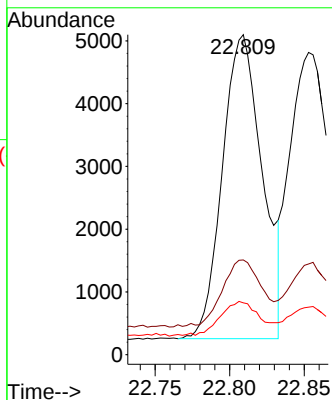
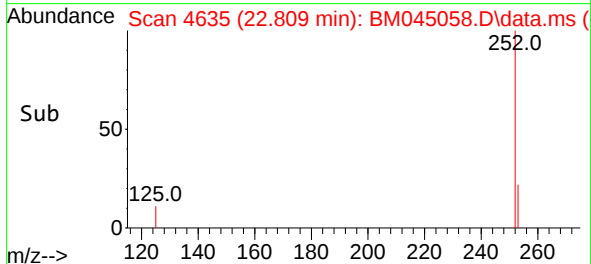


#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. -0.009 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS056

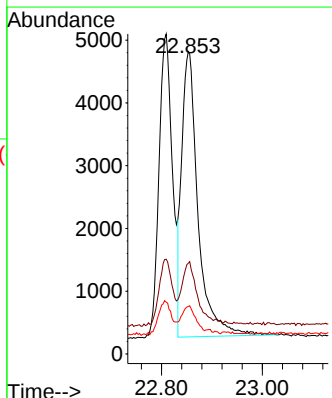
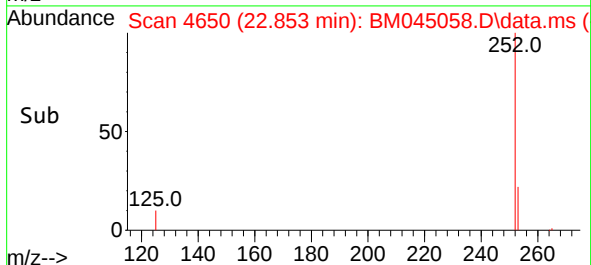
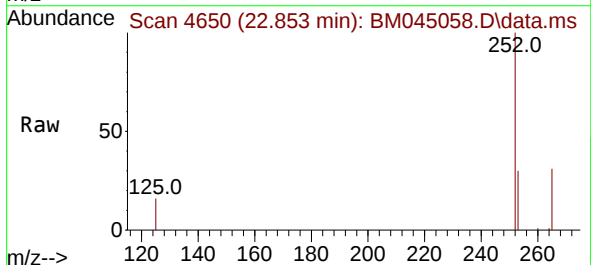


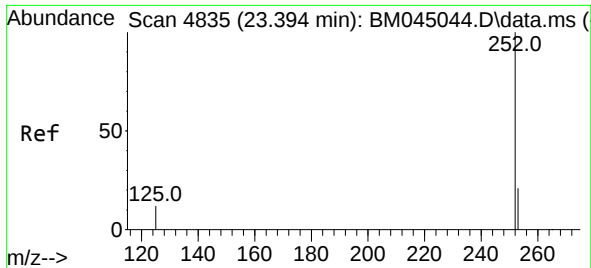
Tgt Ion:252 Resp: 9018
Ion Ratio Lower Upper
252 100
253 29.6 0.0 56.4
125 16.2 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 22.853 min Scan# 4650
Delta R.T. -0.009 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:252 Resp: 10210
Ion Ratio Lower Upper
252 100
253 30.0 22.3 33.5
125 15.7 11.6 17.4

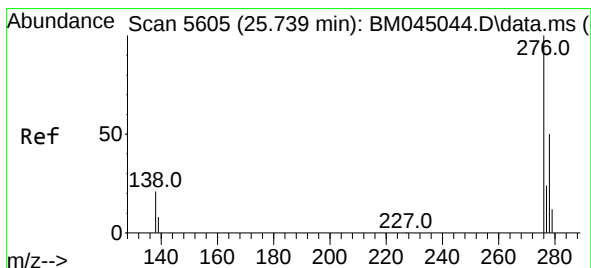
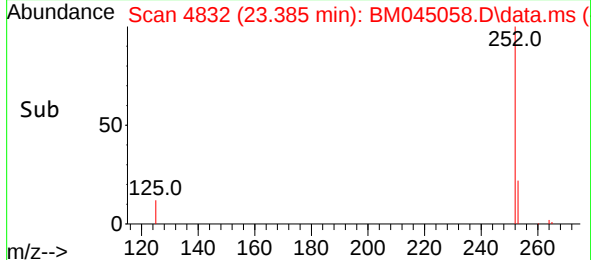
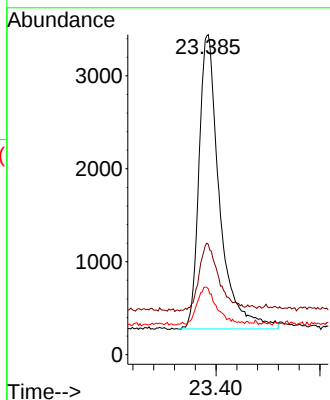
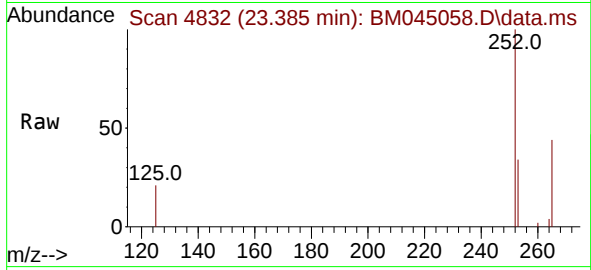




#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.385 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

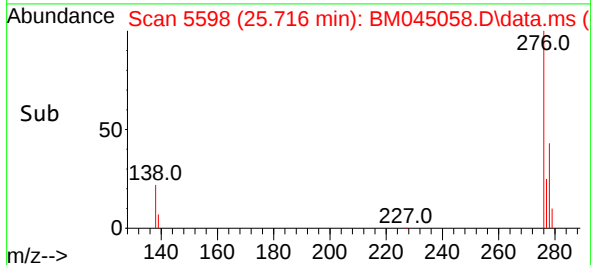
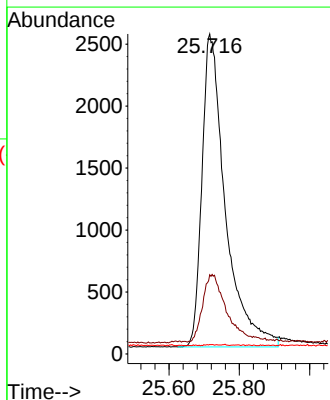
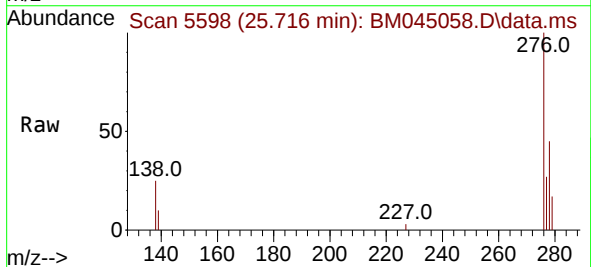
Instrument :
BNA_M
ClientSampleId :
SLCS056

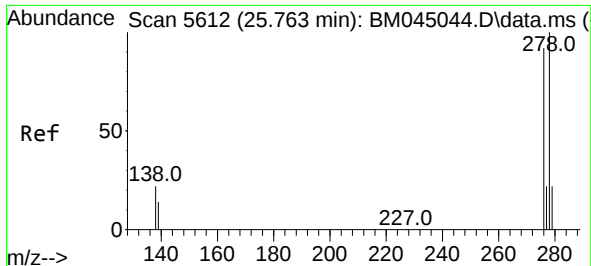
Tgt Ion:252 Resp: 8674
Ion Ratio Lower Upper
252 100
253 34.4 24.6 37.0
125 20.6 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.716 min Scan# 5598
Delta R.T. -0.024 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:276 Resp: 11678
Ion Ratio Lower Upper
276 100
138 22.4 0.0 0.0#
227 0.2 0.1 0.1#

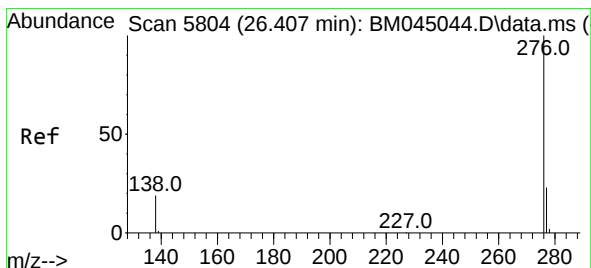
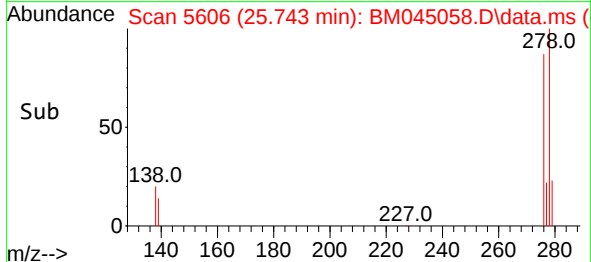
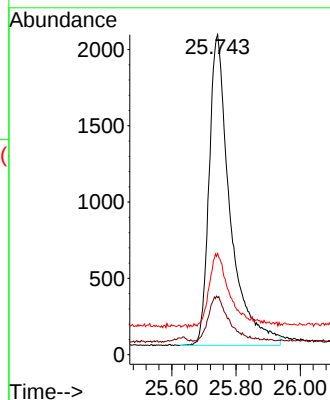
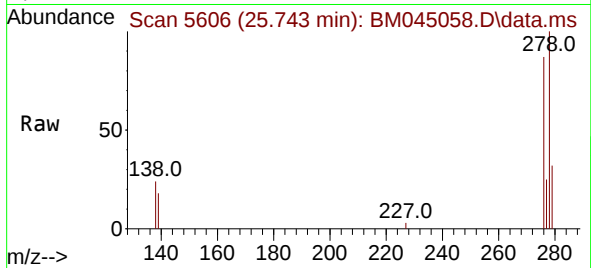




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 25.743 min Scan# 5606
Delta R.T. -0.020 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 9242
Ion Ratio Lower Upper
278 100
139 17.8 13.6 20.4
279 31.7 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.390 min Scan# 5799
Delta R.T. -0.017 min
Lab File: BM045058.D
Acq: 09 Apr 2024 01:52

Tgt Ion:276 Resp: 10145
Ion Ratio Lower Upper
276 100
138 23.0 16.8 25.2
277 26.5 20.3 30.5

