

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048179.D
 Acq On : 22 Oct 2024 06:17
 Operator : RC/JU
 Sample : PB164051BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS051

Quant Time: Oct 22 06:47:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

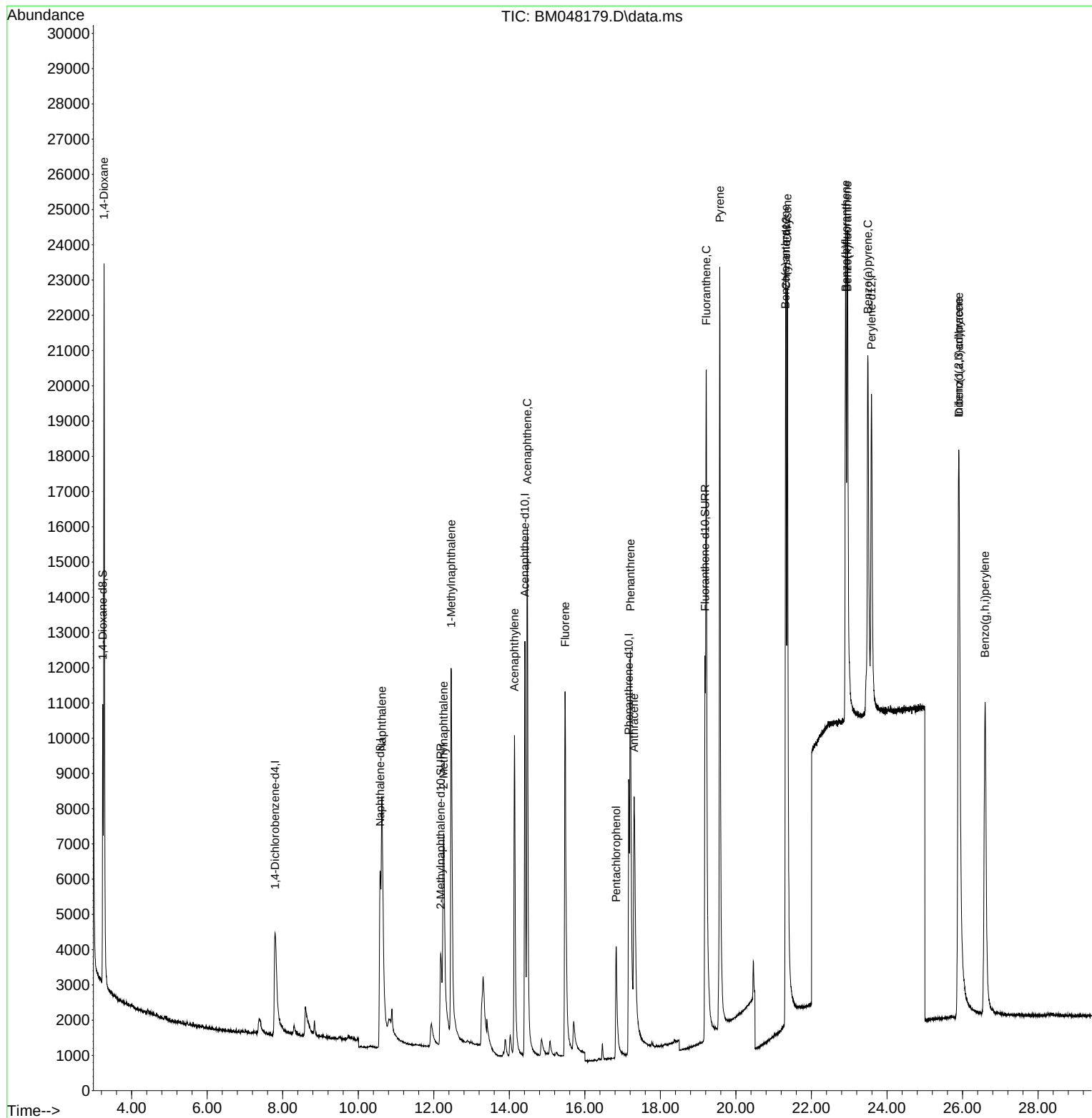
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	4889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.578	136	16354	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.413	164	9320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.161	188	19068	0.400	ng/ul	-0.01
17) Chrysene-d12	21.327	240	14632	0.400	ng/ul	0.00
23) Perylene-d12	23.589	264	15273	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	5416	0.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	9304	0.408	ng/ul	-0.02
18) Fluoranthene-d10	19.182	212	19739	0.464	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	14946	1.915	ng/ul#	84
5) Naphthalene	10.627	128	17915	0.403	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	10420	0.410	ng/ul	100
8) 1-Methylnaphthalene	12.464	142	13342	0.456	ng/ul	100
10) Acenaphthylene	14.135	152	16528	0.384	ng/ul	100
11) Acenaphthene	14.478	153	12602	0.410	ng/ul	99
12) Fluorene	15.477	166	13292	0.403	ng/ul	98
14) Pentachlorophenol	16.828	266	4333	0.677	ng/ul	99
15) Phenanthrene	17.207	178	18797	0.390	ng/ul	99
16) Anthracene	17.305	178	17725	0.389	ng/ul	100
19) Fluoranthene	19.215	202	25296	0.440	ng/ul	99
20) Pyrene	19.572	202	27517	0.446	ng/ul	99
21) Benzo(a)anthracene	21.313	228	20072	0.445	ng/ul	99
22) Chrysene	21.362	228	27823	0.405	ng/ul	98
24) Benzo(b)fluoranthene	22.908	252	22399	0.383	ng/ul	99
25) Benzo(k)fluoranthene	22.952	252	26024	0.367	ng/ul	98
26) Benzo(a)pyrene	23.496	252	21751	0.446	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.897	276	29521	0.404	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.907	278	22498	0.403	ng/ul	97
29) Benzo(g,h,i)perylene	26.598	276	24497	0.402	ng/ul	98

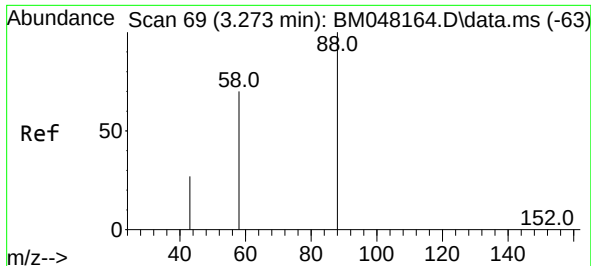
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048179.D
Acq On : 22 Oct 2024 06:17
Operator : RC/JU
Sample : PB164051BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS051

Quant Time: Oct 22 06:47:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

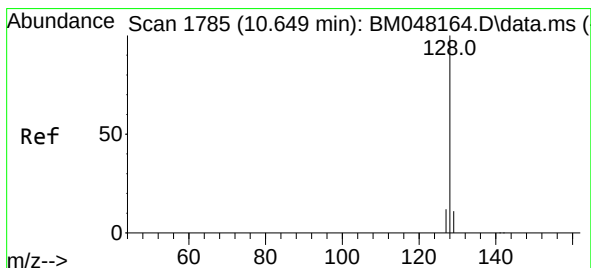
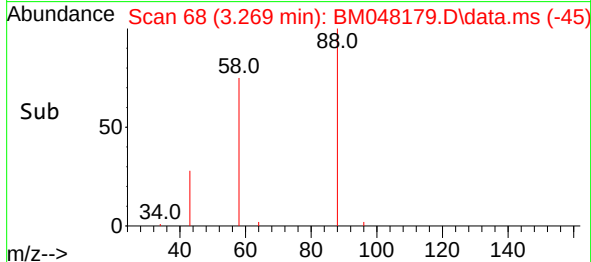
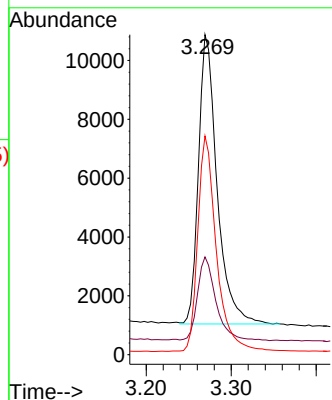
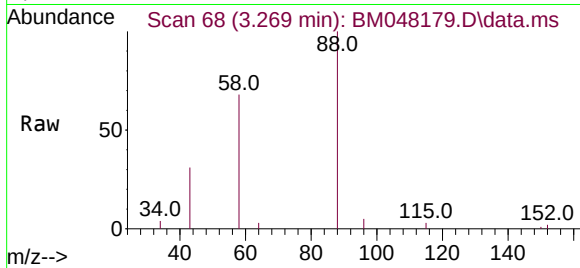




#2
1,4-Dioxane
Concen: 1.915 ng/ul
RT: 3.269 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

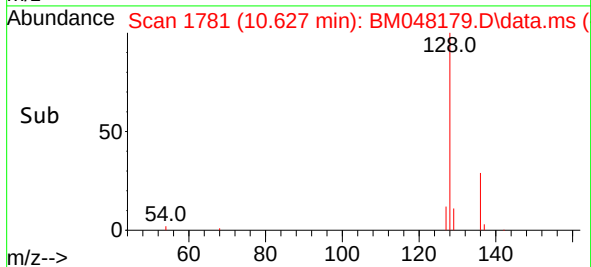
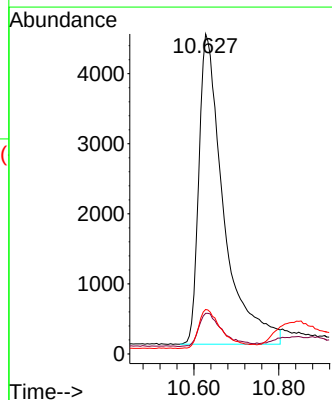
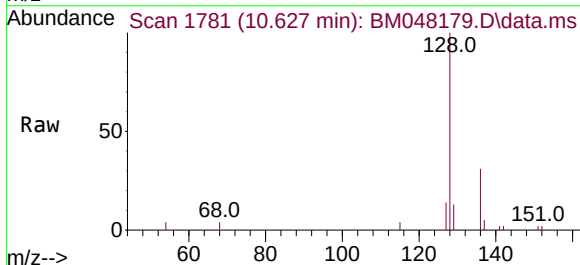
Instrument :
BNA_M
ClientSampleId :
SLCS051

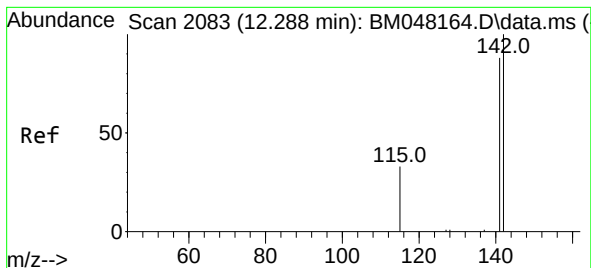
Tgt Ion: 88 Resp: 14946
Ion Ratio Lower Upper
88 100
43 30.6 27.7 41.5
58 68.3 42.5 63.7#



#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.627 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion: 128 Resp: 17915
Ion Ratio Lower Upper
128 100
129 12.7 10.6 15.8
127 13.9 11.3 16.9

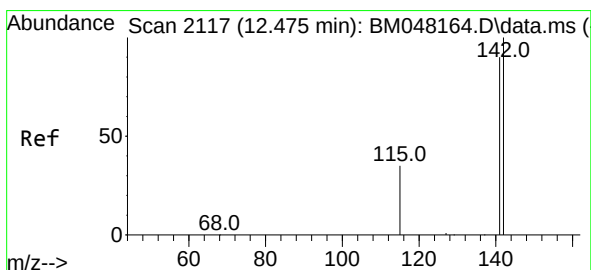
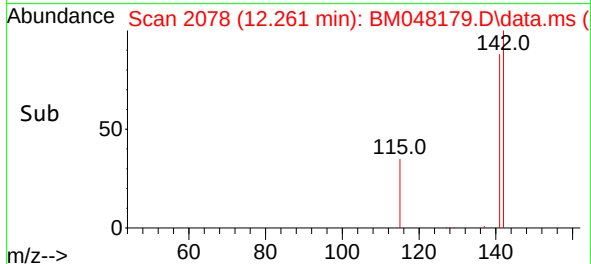
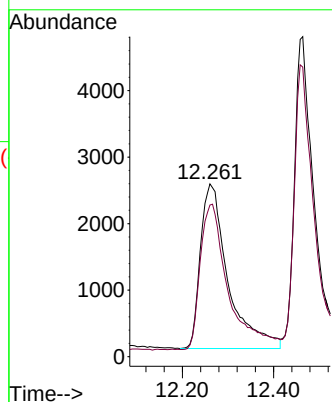
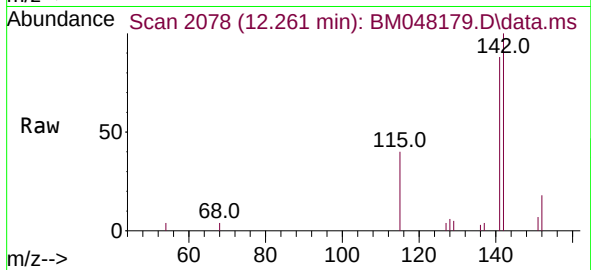




#7
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.261 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

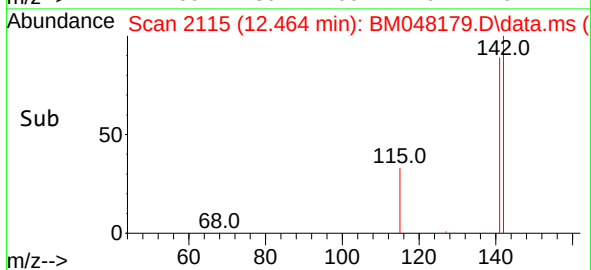
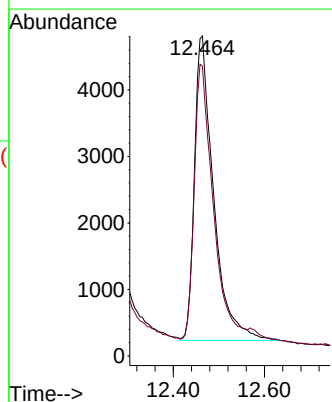
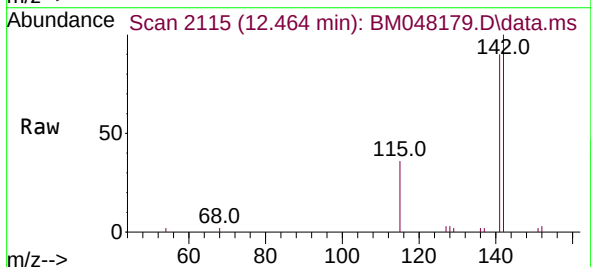
Instrument :
BNA_M
ClientSampleId :
SLCS051

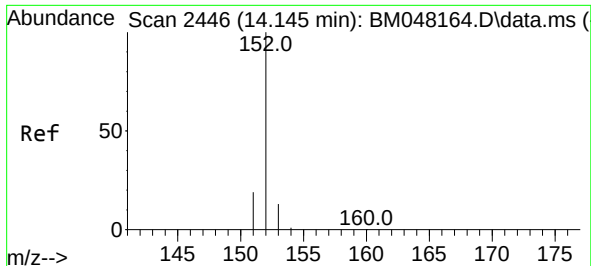
Tgt Ion:142 Resp: 10420
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.456 ng/ul
RT: 12.464 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:142 Resp: 13342
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

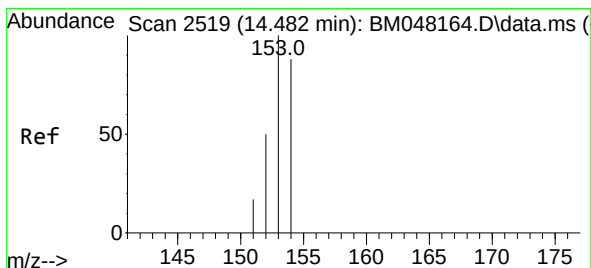
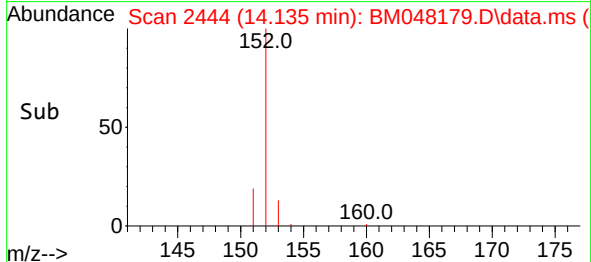
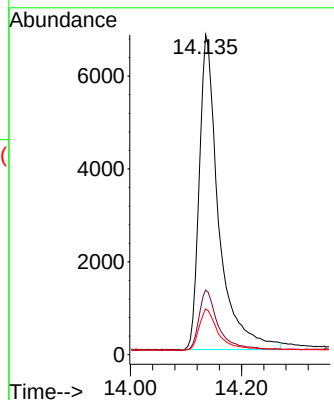
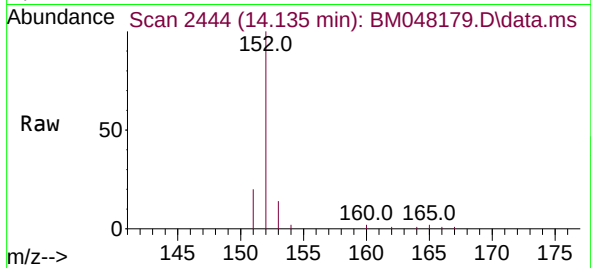




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.135 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

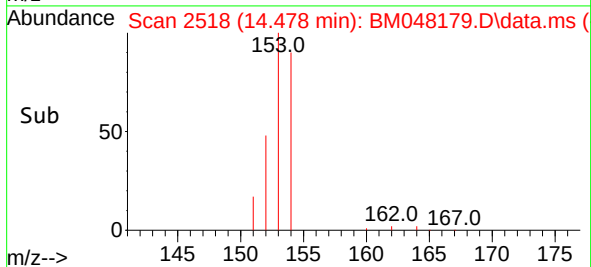
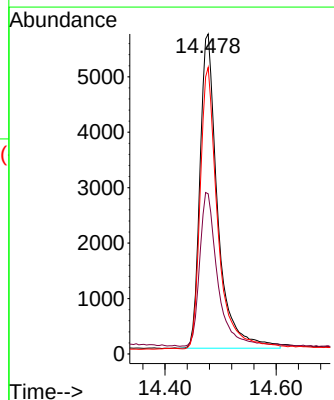
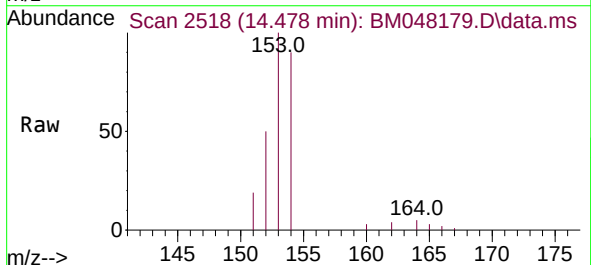
Instrument :
BNA_M
ClientSampleId :
SLCS051

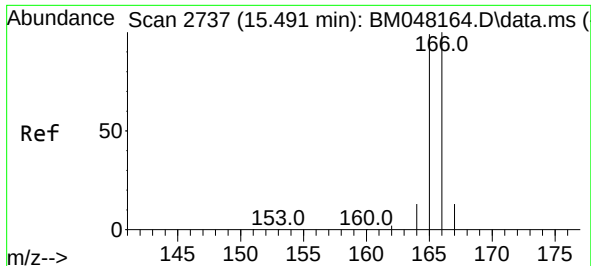
Tgt Ion:	152	Resp:	16528
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	14.3	11.7	17.5



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.478 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:	153	Resp:	12602
Ion Ratio	Lower	Upper	
153	100		
152	50.1	40.9	61.3
154	89.5	71.0	106.4

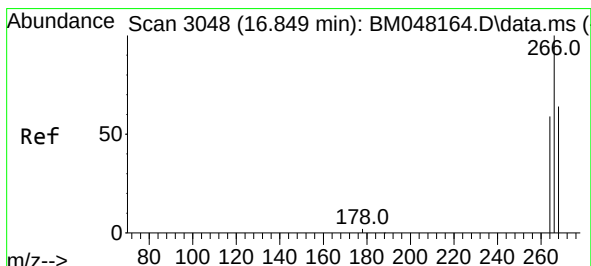
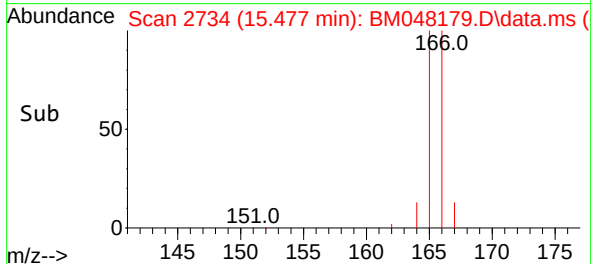
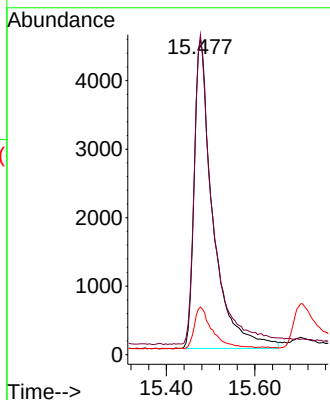
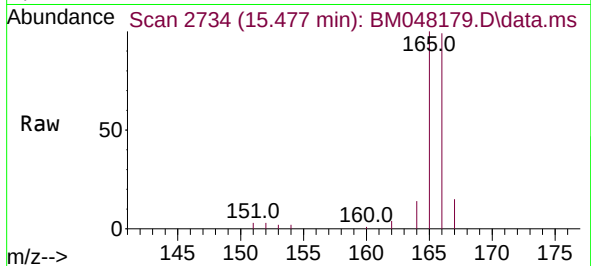




#12
 Fluorene
 Concen: 0.403 ng/ul
 RT: 15.477 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM048179.D
 Acq: 22 Oct 2024 06:17

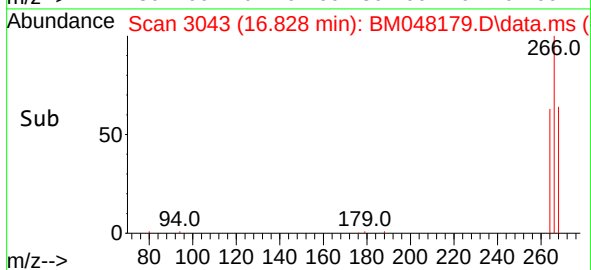
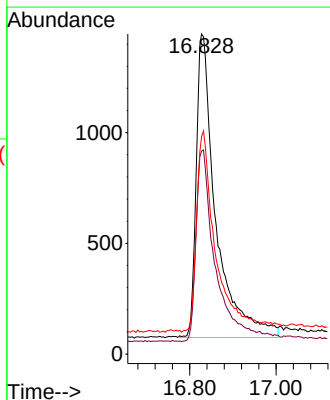
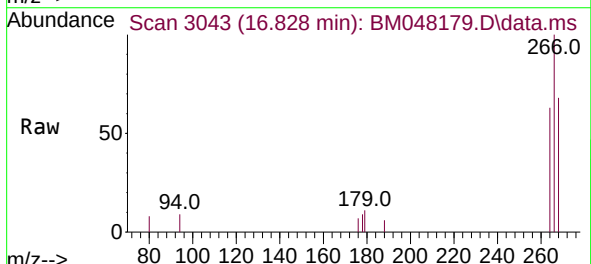
Instrument :
 BNA_M
 ClientSampleId :
 SLCS051

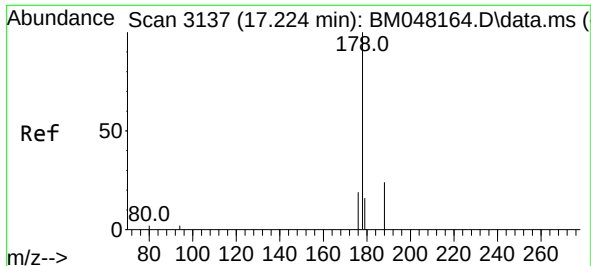
Tgt Ion:166 Resp: 13292
 Ion Ratio Lower Upper
 166 100
 165 101.5 79.1 118.7
 167 15.1 12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.677 ng/ul
 RT: 16.828 min Scan# 3043
 Delta R.T. -0.013 min
 Lab File: BM048179.D
 Acq: 22 Oct 2024 06:17

Tgt Ion:266 Resp: 4333
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.2 75.2
 268 66.3 51.8 77.6

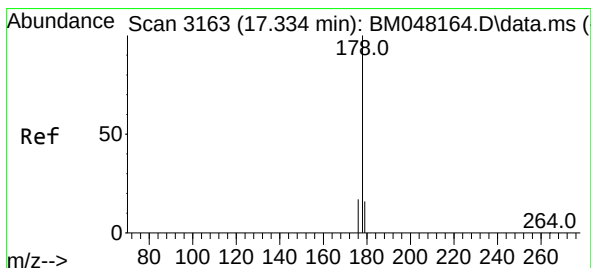
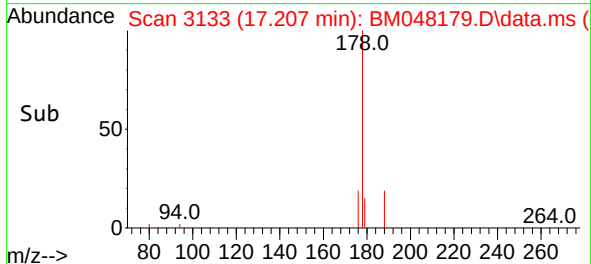
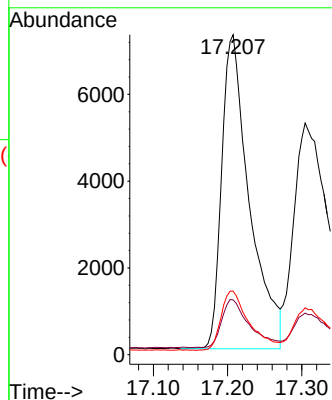
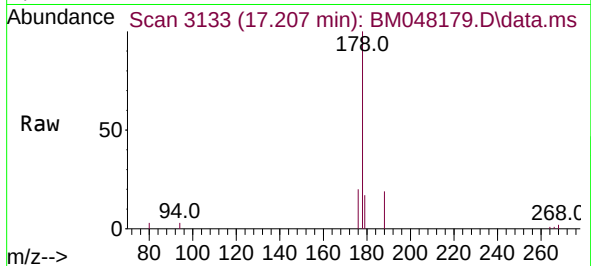




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.207 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

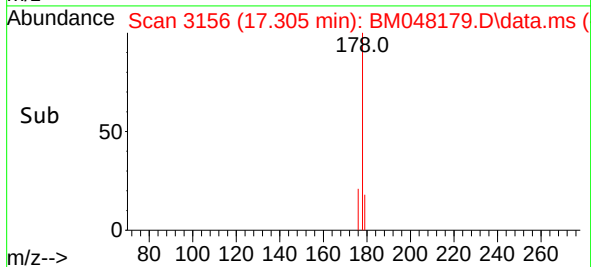
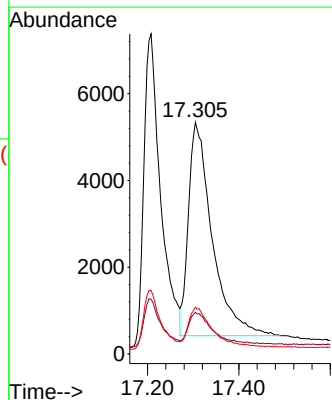
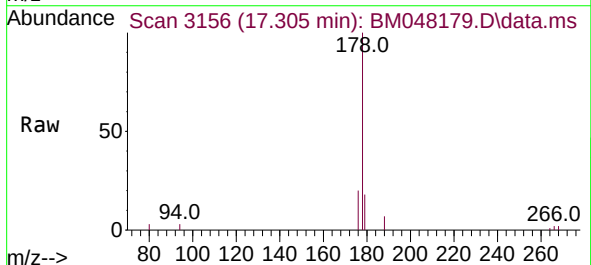
Instrument :
BNA_M
ClientSampleId :
SLCS051

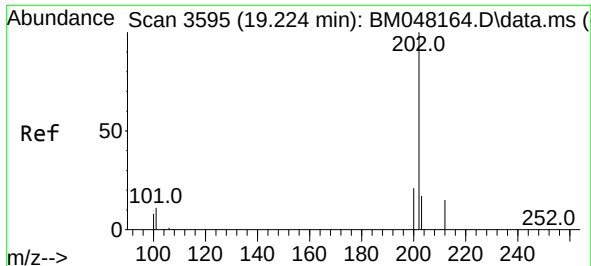
Tgt Ion:178 Resp: 18797
Ion Ratio Lower Upper
178 100
179 17.1 13.2 19.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.305 min Scan# 3156
Delta R.T. -0.017 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:178 Resp: 17725
Ion Ratio Lower Upper
178 100
179 18.0 14.5 21.7
176 20.2 16.0 24.0

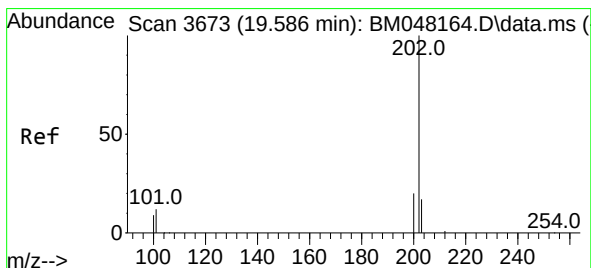
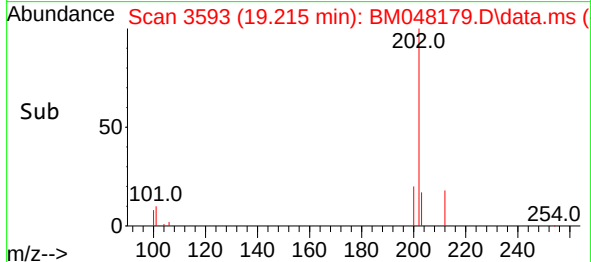
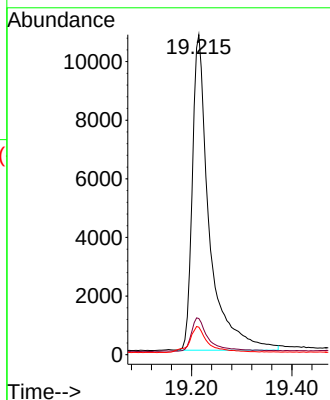
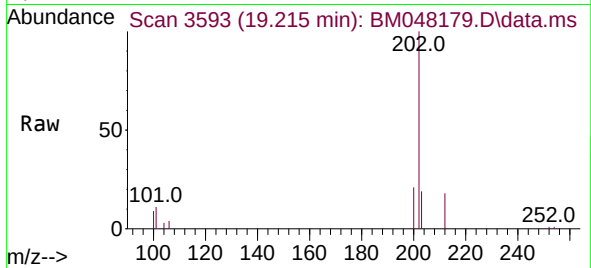




#19
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.215 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

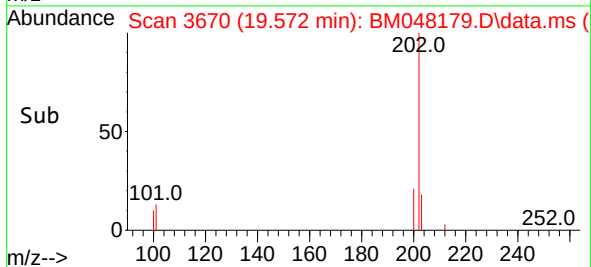
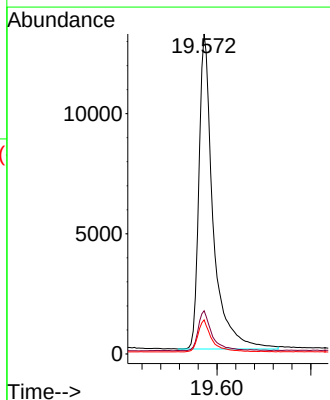
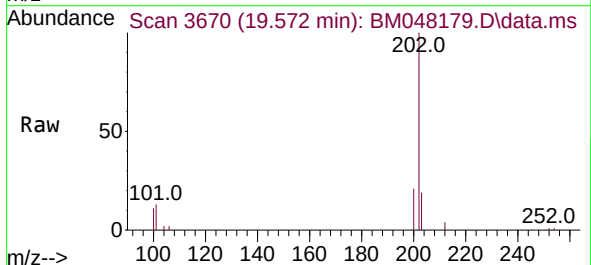
Instrument :
BNA_M
ClientSampleId :
SLCS051

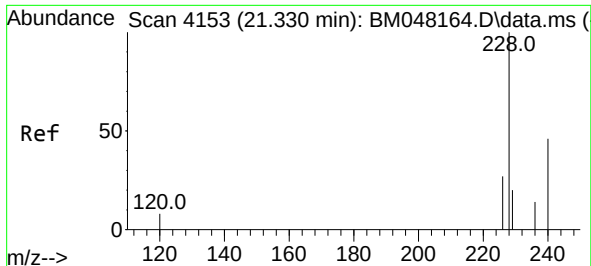
Tgt Ion:202 Resp: 25296
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 8.6 7.1 10.7



#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.572 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:202 Resp: 27517
Ion Ratio Lower Upper
202 100
101 13.5 10.6 16.0
100 10.6 8.1 12.1

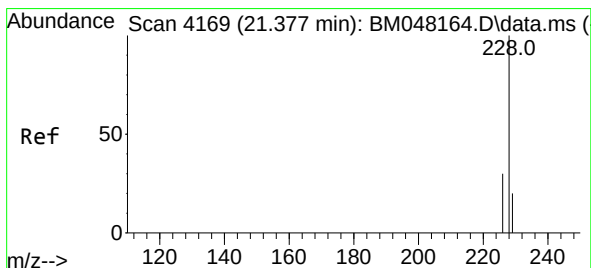
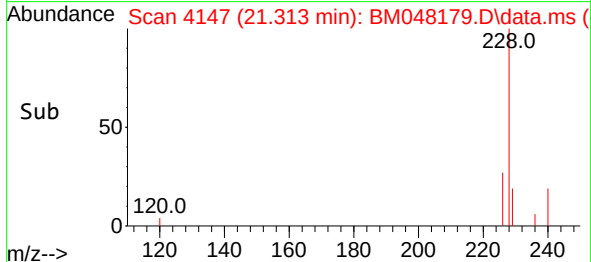
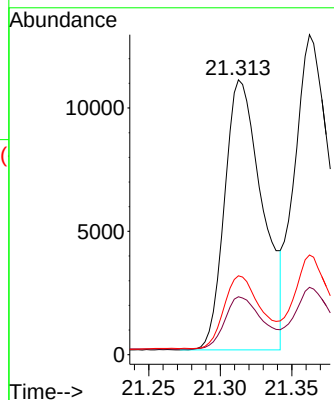
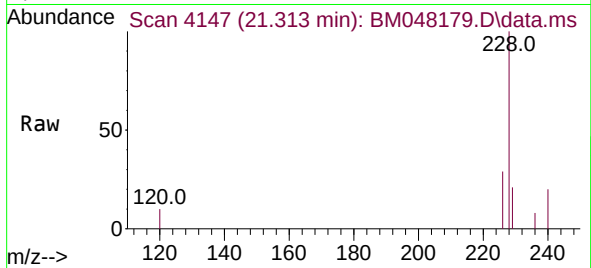




#21
Benzo(a)anthracene
Concen: 0.445 ng/ul
RT: 21.313 min Scan# 4153
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

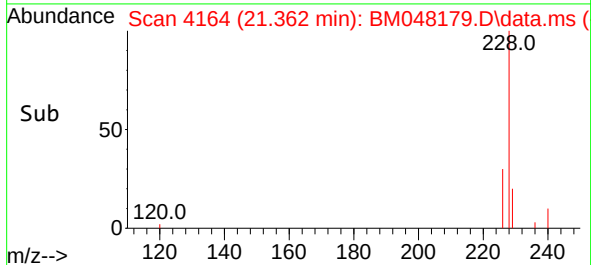
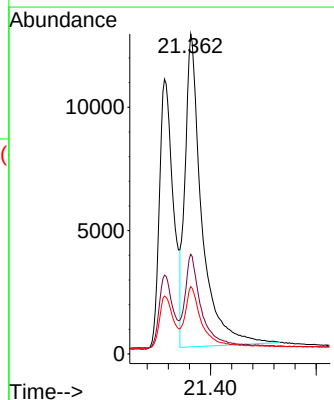
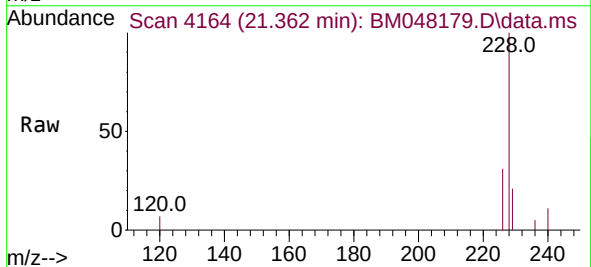
Instrument :
BNA_M
ClientSampleId :
SLCS051

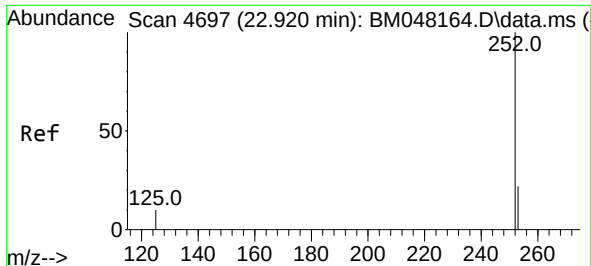
Tgt Ion:228 Resp: 20072
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.362 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:228 Resp: 27823
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 21.1 16.1 24.1

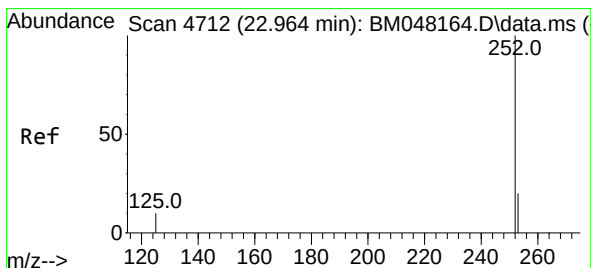
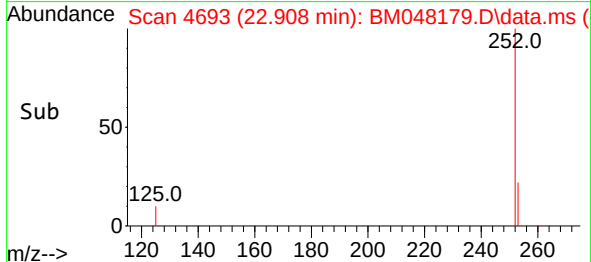
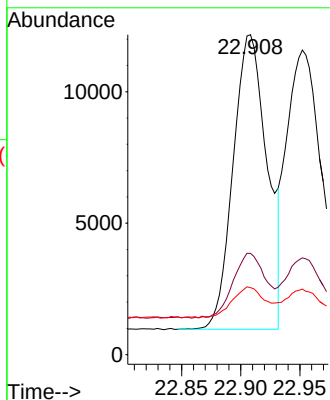
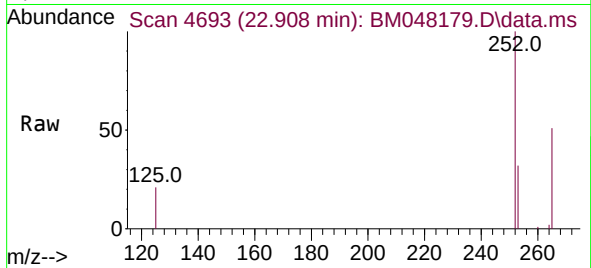




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 22.908 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

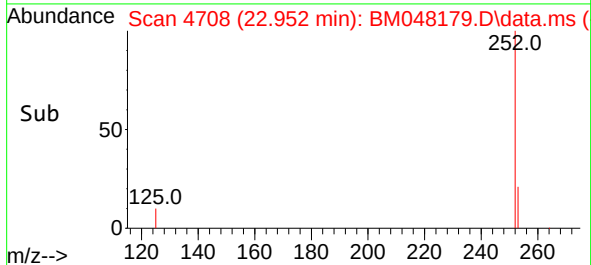
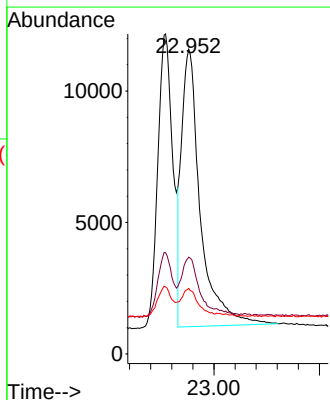
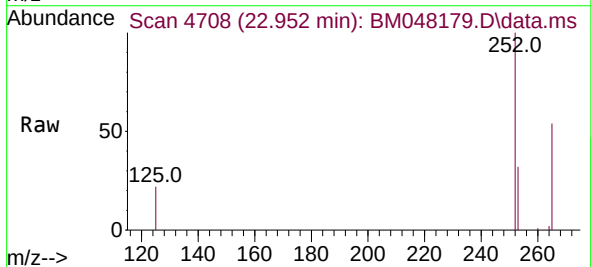
Instrument :
BNA_M
ClientSampleId :
SLCS051

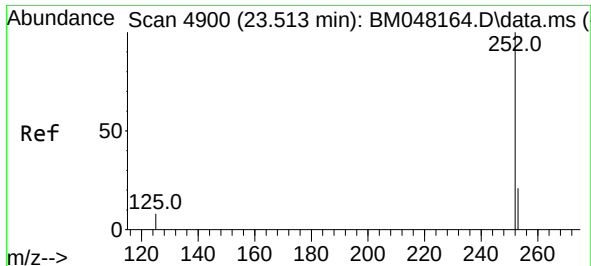
Tgt Ion:252 Resp: 22399
Ion Ratio Lower Upper
252 100
253 31.7 0.0 61.6
125 20.9 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 22.952 min Scan# 4708
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:252 Resp: 26024
Ion Ratio Lower Upper
252 100
253 31.8 24.4 36.6
125 21.5 16.8 25.2

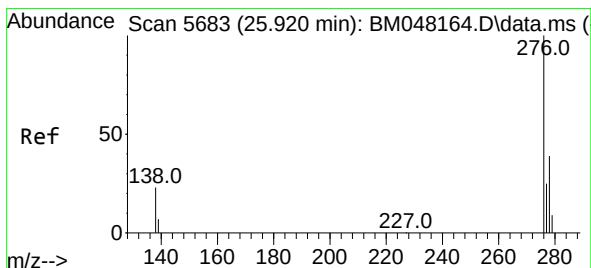
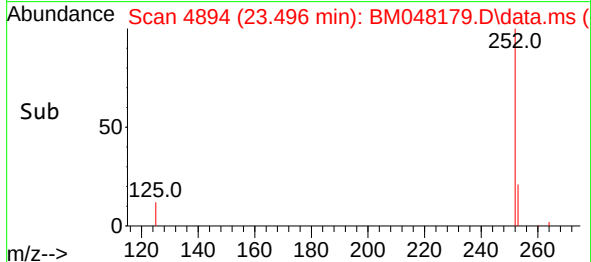
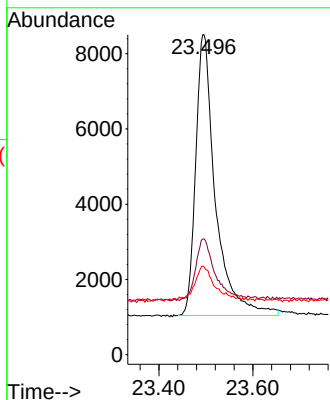
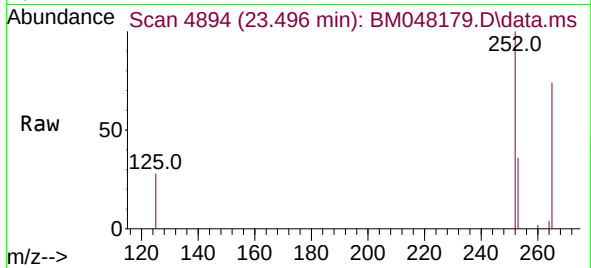




#26
Benzo(a)pyrene
Concen: 0.446 ng/ul
RT: 23.496 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

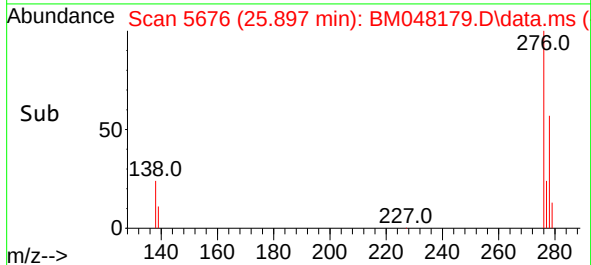
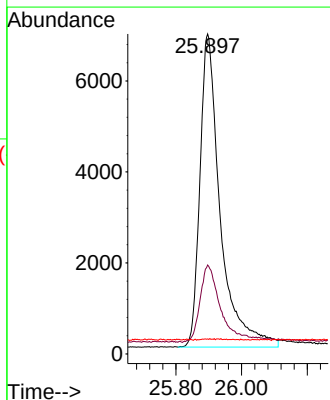
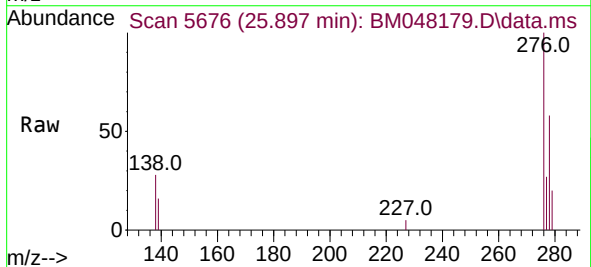
Instrument :
BNA_M
ClientSampleId :
SLCS051

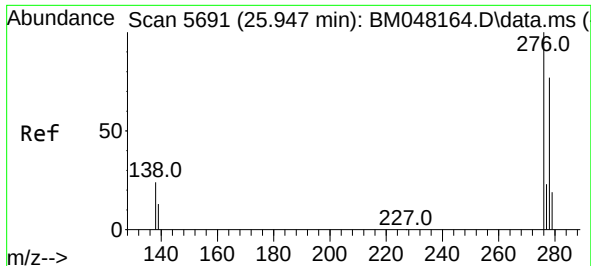
Tgt Ion:252 Resp: 21751
Ion Ratio Lower Upper
252 100
253 36.2 29.0 43.4
125 27.5 24.4 36.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 25.897 min Scan# 5676
Delta R.T. -0.017 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:276 Resp: 29521
Ion Ratio Lower Upper
276 100
138 26.1 20.2 30.2
227 0.1 0.0 0.0#

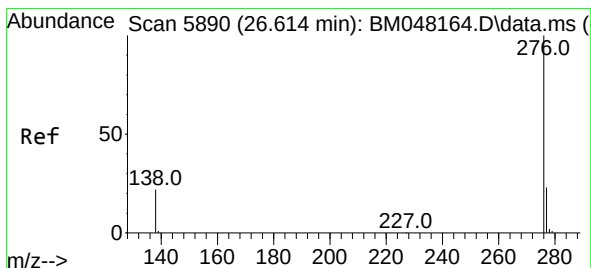
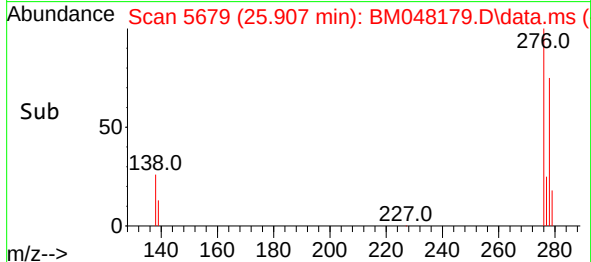
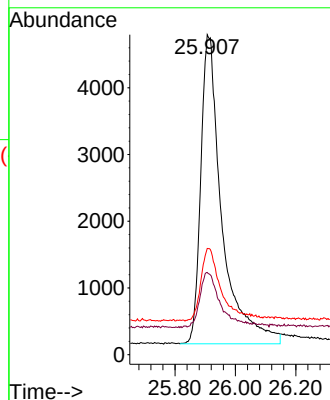
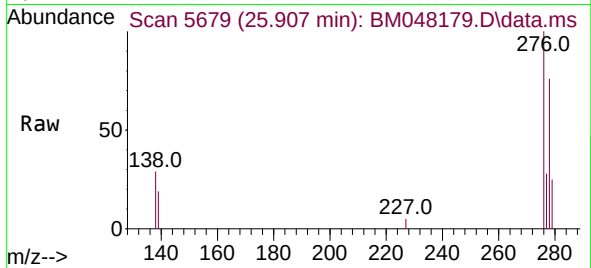




#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.907 min Scan# 5679
Delta R.T. -0.024 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Instrument :
BNA_M
ClientSampleId :
SLCS051

Tgt Ion:278 Resp: 22498
Ion Ratio Lower Upper
278 100
139 25.7 18.9 28.3
279 33.2 27.6 41.4



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.598 min Scan# 5885
Delta R.T. -0.010 min
Lab File: BM048179.D
Acq: 22 Oct 2024 06:17

Tgt Ion:276 Resp: 24497
Ion Ratio Lower Upper
276 100
138 26.1 20.3 30.5
277 27.0 20.4 30.6

