

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037634.D
 Acq On : 22 Nov 2022 10:13
 Operator : CG/JU
 Sample : PB149056BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS056

Quant Time: Nov 22 11:05:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

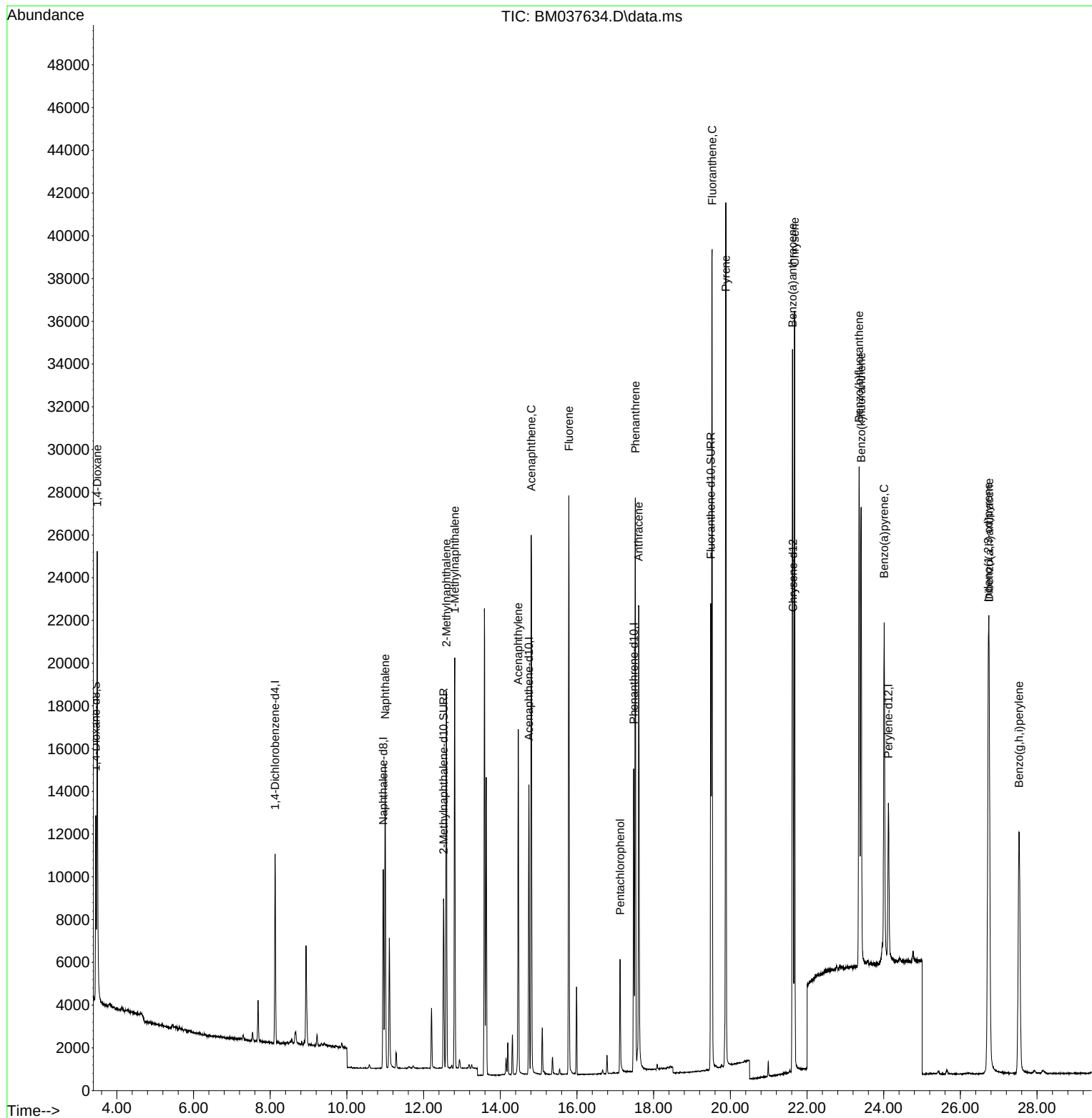
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	4375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	11980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.748	164	6984	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	15847	0.400	ng/ul	0.00
17) Chrysene-d12	21.637	240	11689	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	10465	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	5526	1.086	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.521	152	9720	0.489	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	22092	0.572	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.488	88	13475	2.545	ng/ul#	49
5) Naphthalene	10.997	128	18540	0.510	ng/ul	98
7) 2-Methylnaphthalene	12.592	142	11813	0.477	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	12615	0.498	ng/ul	100
10) Acenaphthylene	14.470	152	17585	0.454	ng/ul	100
11) Acenaphthene	14.808	153	14119	0.522	ng/ul	99
12) Fluorene	15.788	166	16682	0.512	ng/ul	99
14) Pentachlorophenol	17.125	266	3660	1.029	ng/ul	99
15) Phenanthrene	17.521	178	28171	0.520	ng/ul	99
16) Anthracene	17.610	178	24666	0.472	ng/ul	99
19) Fluoranthene	19.523	202	33019	0.586	ng/ul	97
20) Pyrene	19.881	202	33778	0.576	ng/ul	96
21) Benzo(a)anthracene	21.619	228	28267	0.541	ng/ul	99
22) Chrysene	21.675	228	30288	0.584	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	31404	0.658	ng/ul	93
25) Benzo(k)fluoranthene	23.411	252	29203	0.606	ng/ul#	93
26) Benzo(a)pyrene	24.013	252	25326	0.610	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.728	276	31121	0.566	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.748	278	23895	0.553	ng/ul	96
29) Benzo(g,h,i)perylene	27.530	276	26099	0.559	ng/ul	96

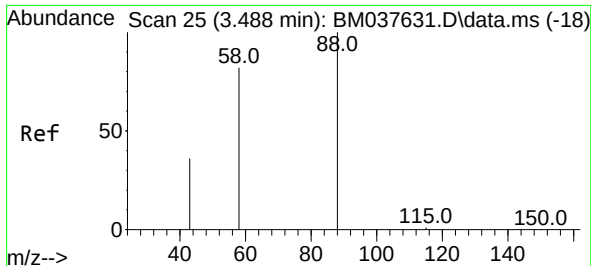
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037634.D
Acq On : 22 Nov 2022 10:13
Operator : CG/JU
Sample : PB149056BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS056

Quant Time: Nov 22 11:05:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

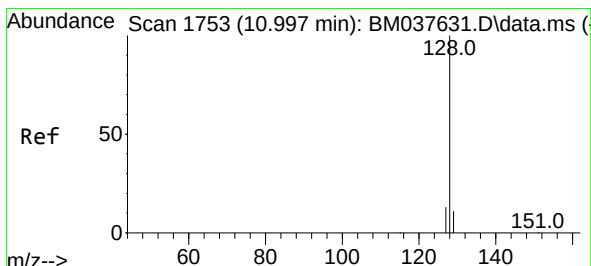
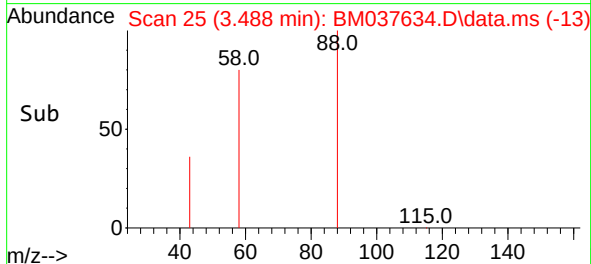
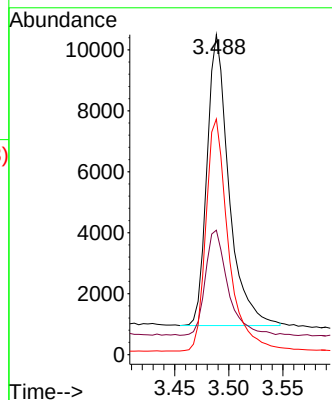
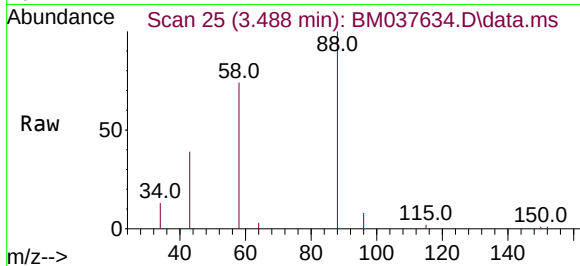




#2
1,4-Dioxane
Concen: 2.545 ng/ul
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

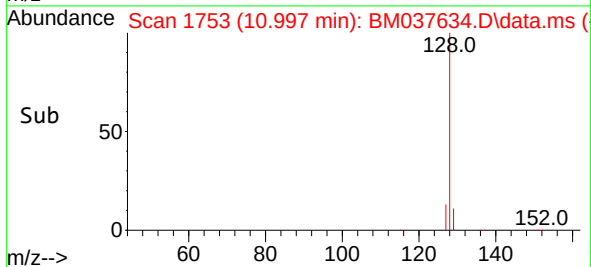
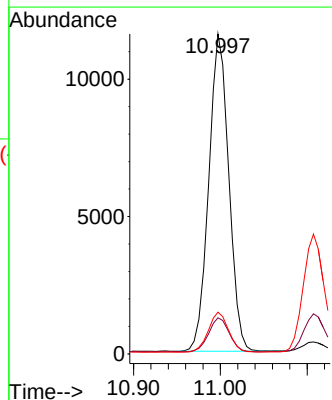
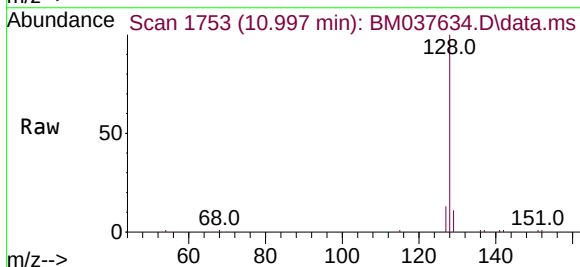
Instrument :
BNA_M
ClientSampleId :
SLCS056

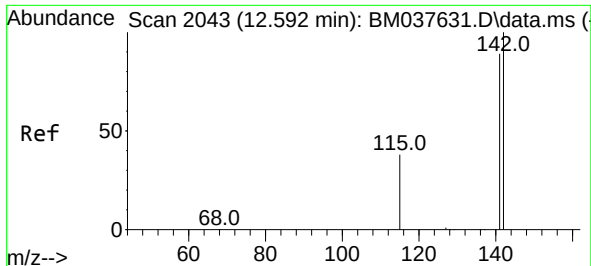
Tgt Ion: 88 Resp: 13475
Ion Ratio Lower Upper
88 100
43 38.9 102.8 154.2#
58 73.7 67.3 100.9



#5
Naphthalene
Concen: 0.510 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion: 128 Resp: 18540
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.0 11.0 16.4

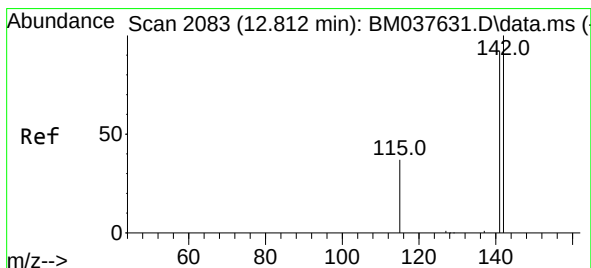
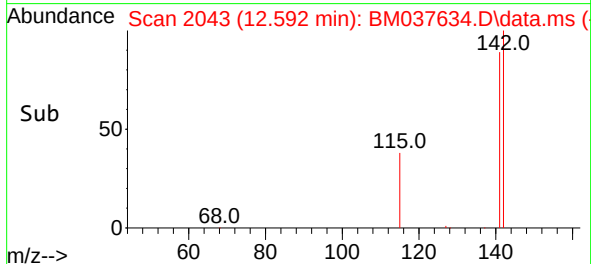
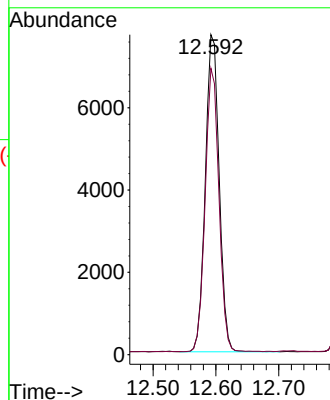
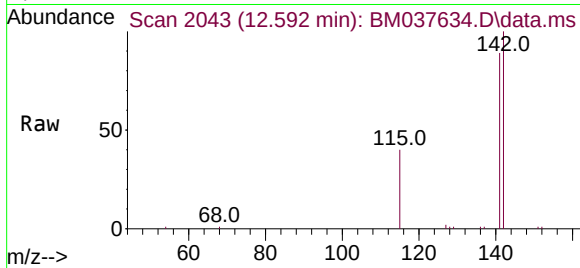




#7
2-Methylnaphthalene
Concen: 0.477 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

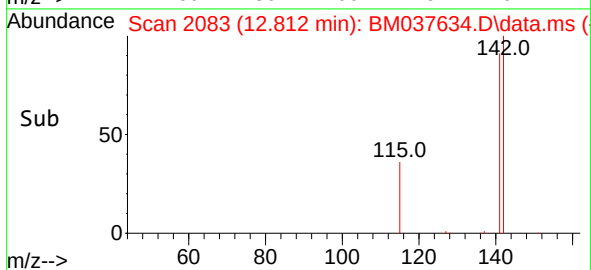
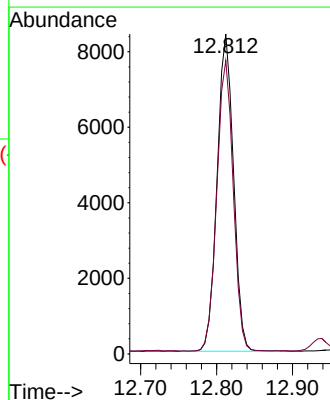
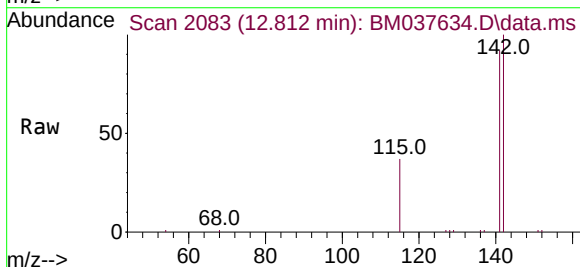
Instrument :
BNA_M
ClientSampleId :
SLCS056

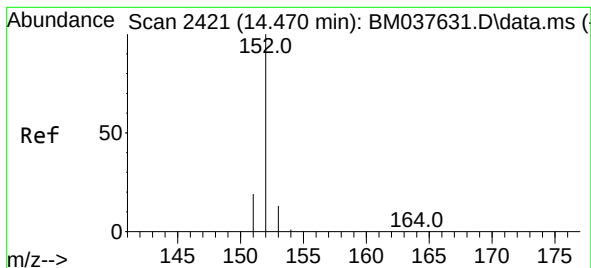
Tgt Ion:142 Resp: 11813
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.498 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.002 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:142 Resp: 12615
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0





#10

Acenaphthylene

Concen: 0.454 ng/ul

RT: 14.470 min Scan# 2421

Delta R.T. 0.002 min

Lab File: BM037634.D

Acq: 22 Nov 2022 10:13

Instrument :

BNA_M

ClientSampleId :

SLCS056

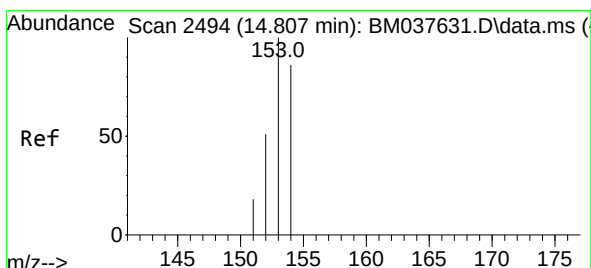
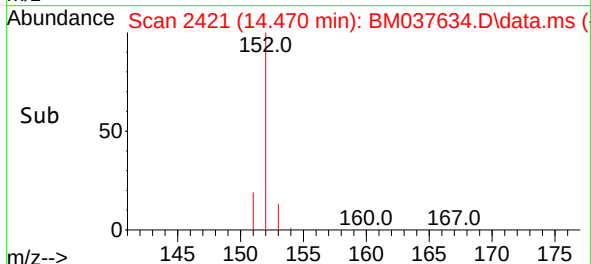
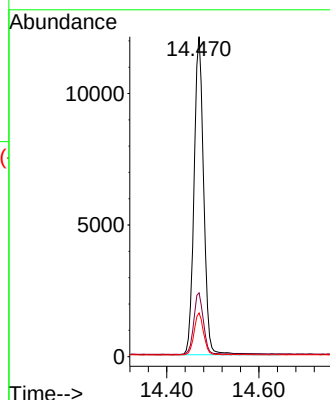
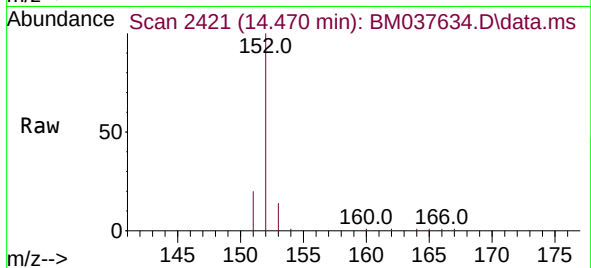
Tgt Ion:152 Resp: 17585

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.6 11.0 16.4



#11

Acenaphthene

Concen: 0.522 ng/ul

RT: 14.808 min Scan# 2494

Delta R.T. -0.003 min

Lab File: BM037634.D

Acq: 22 Nov 2022 10:13

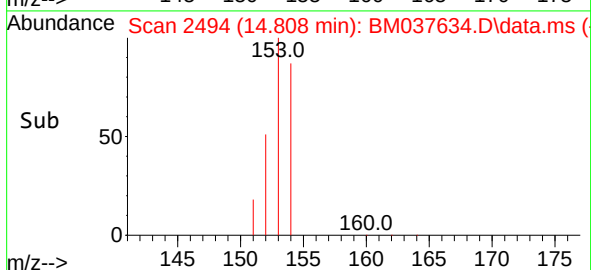
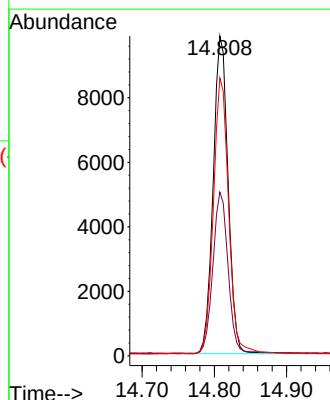
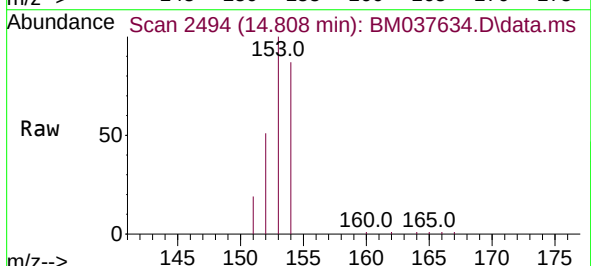
Tgt Ion:153 Resp: 14119

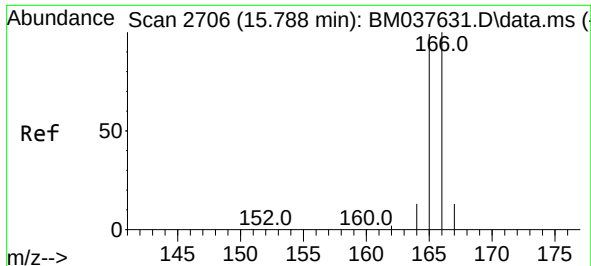
Ion Ratio Lower Upper

153 100

152 51.2 39.4 59.0

154 86.9 69.5 104.3

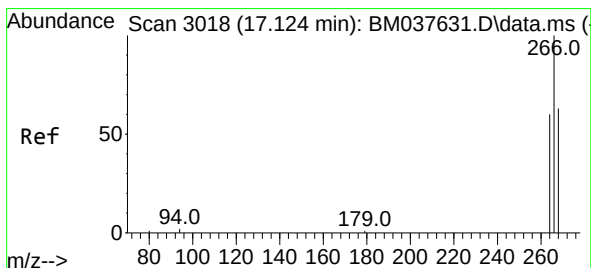
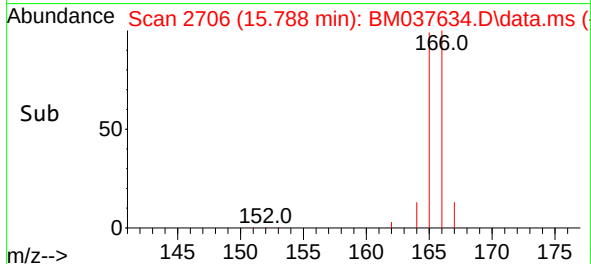
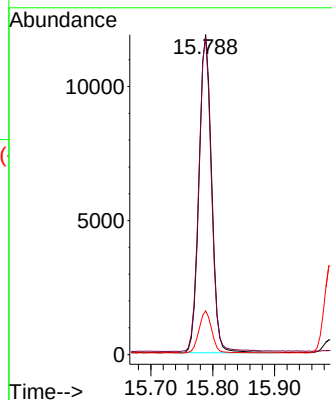
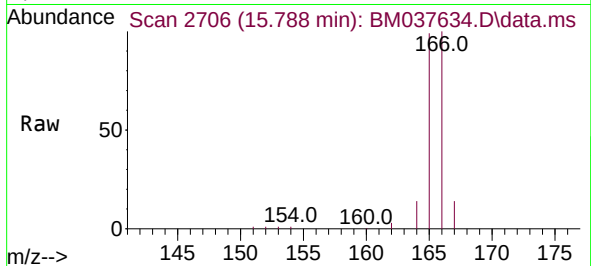




#12
Fluorene
Concen: 0.512 ng/ul
RT: 15.788 min Scan# 2706
Delta R.T. 0.002 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

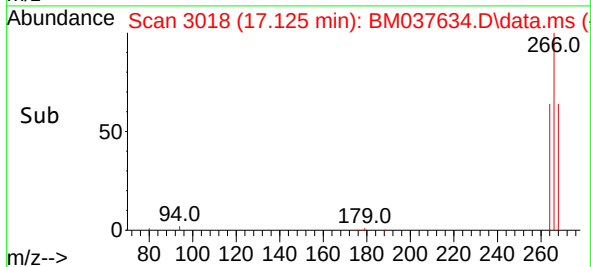
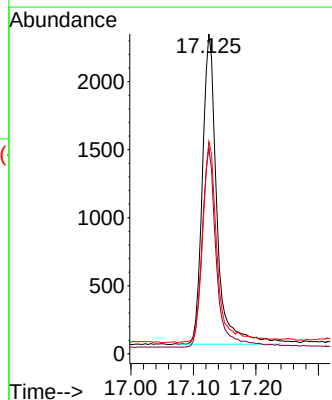
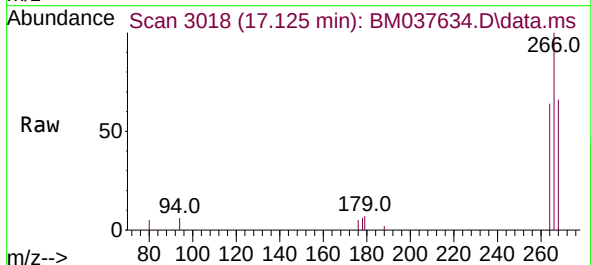
Instrument :
BNA_M
ClientSampleId :
SLCS056

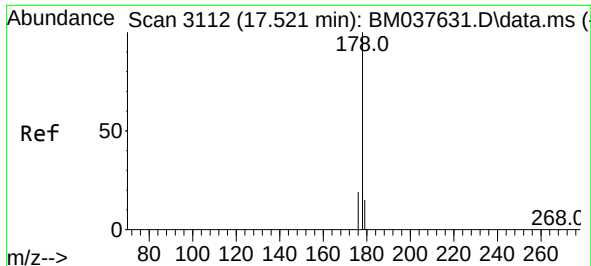
Tgt Ion:166 Resp: 16682
Ion Ratio Lower Upper
166 100
165 99.4 78.7 118.1
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 1.029 ng/ul
RT: 17.125 min Scan# 3018
Delta R.T. -0.003 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:266 Resp: 3660
Ion Ratio Lower Upper
266 100
264 63.8 50.2 75.2
268 65.7 52.0 78.0

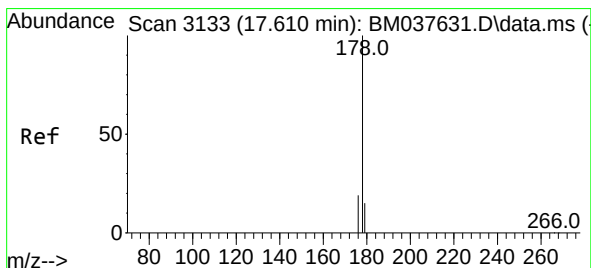
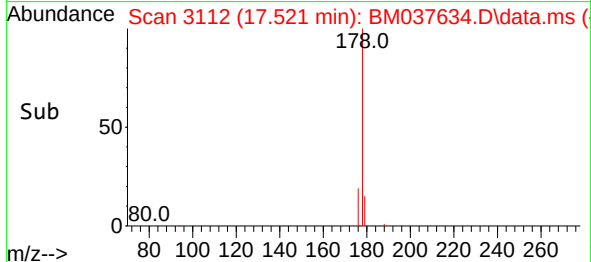
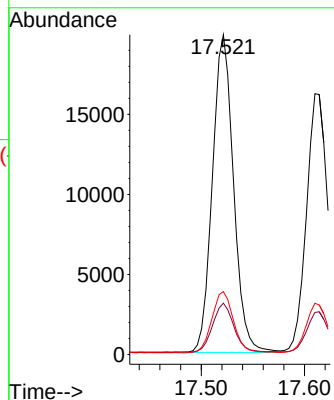
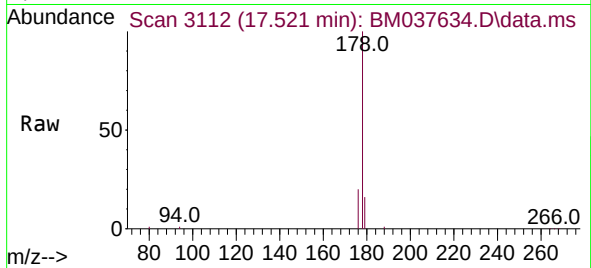




#15
Phenanthrene
Concen: 0.520 ng/ul
RT: 17.521 min Scan# 3112
Delta R.T. -0.002 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

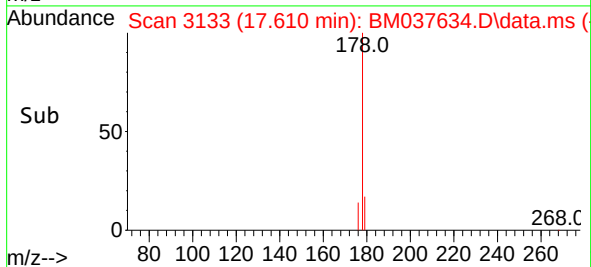
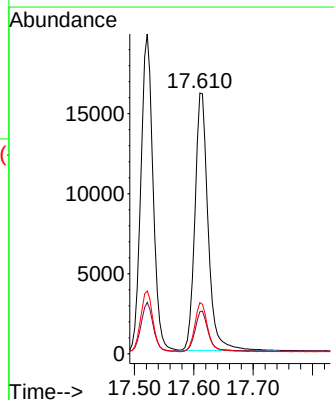
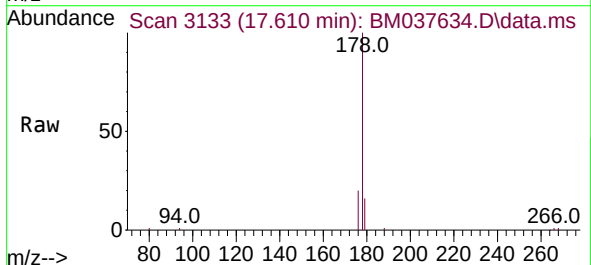
Instrument :
BNA_M
ClientSampleId :
SLCS056

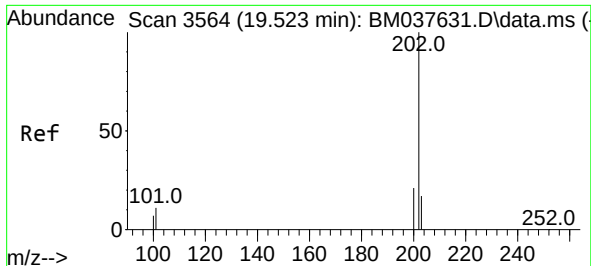
Tgt Ion:178 Resp: 28171
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.472 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:178 Resp: 24666
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.6 15.0 22.6

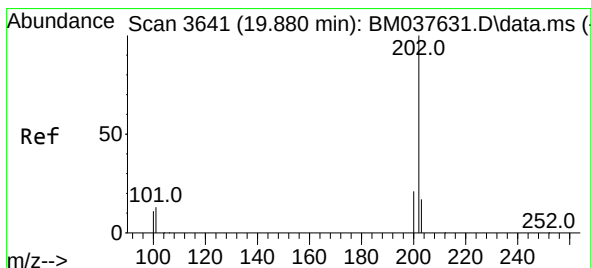
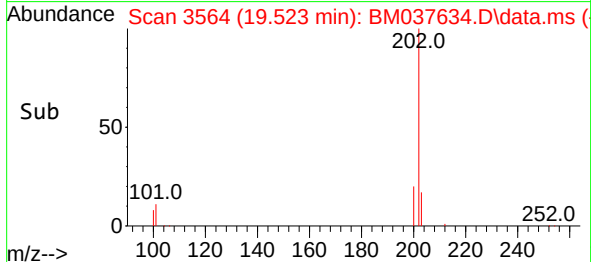
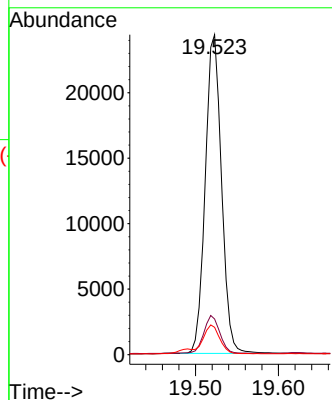
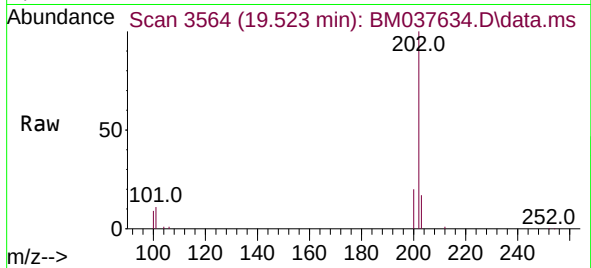




#19
Fluoranthene
Concen: 0.586 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.002 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

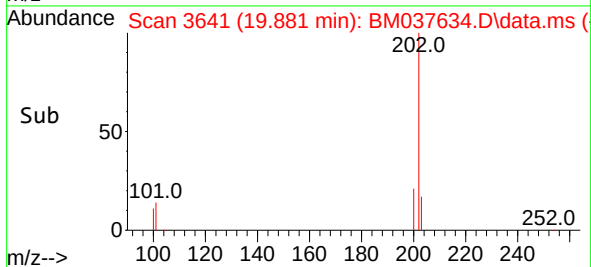
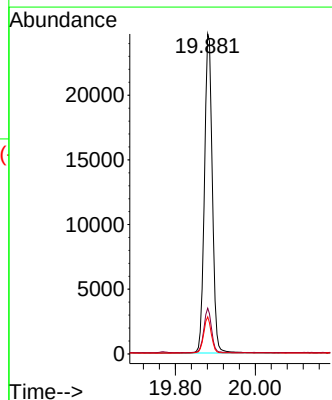
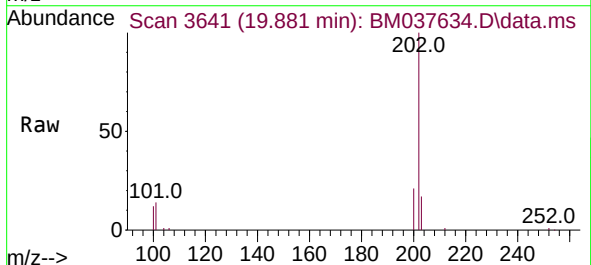
Instrument :
BNA_M
ClientSampleId :
SLCS056

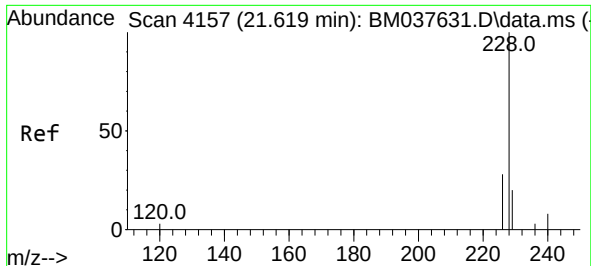
Tgt Ion:202 Resp: 33019
Ion Ratio Lower Upper
202 100
101 11.1 8.2 12.2
100 8.5 6.1 9.1



#20
Pyrene
Concen: 0.576 ng/ul
RT: 19.881 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:202 Resp: 33778
Ion Ratio Lower Upper
202 100
101 14.3 10.1 15.1
100 11.6 8.0 12.0

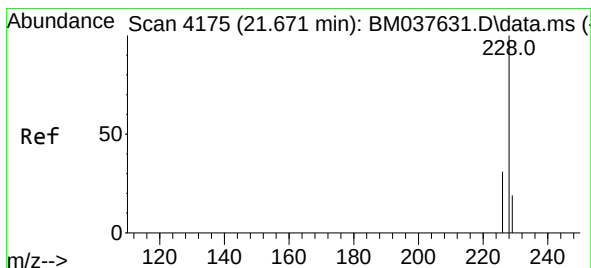
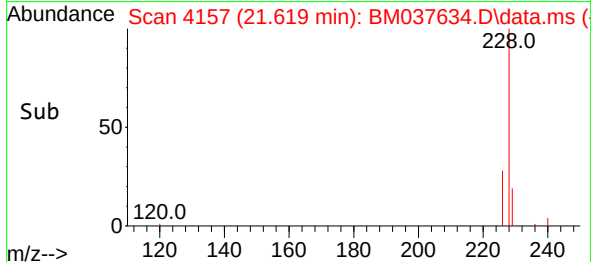
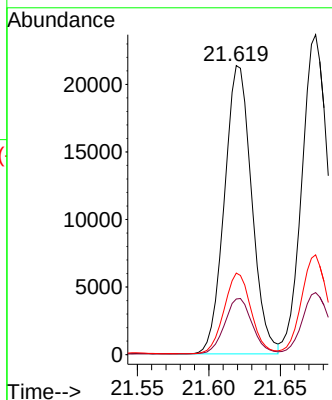
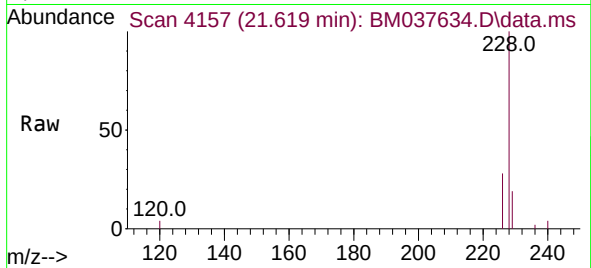




#21
Benzo(a)anthracene
Concen: 0.541 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

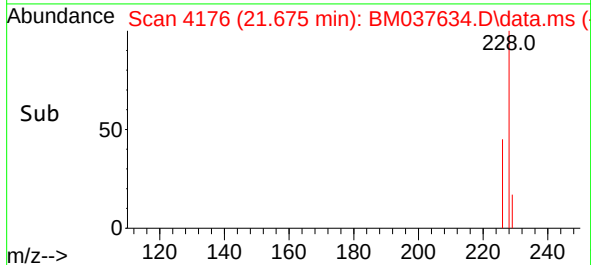
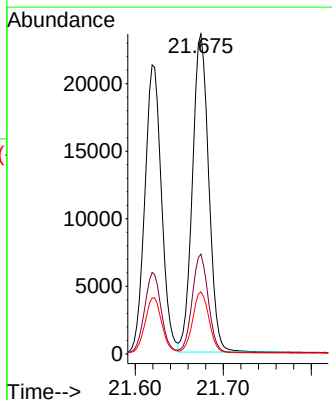
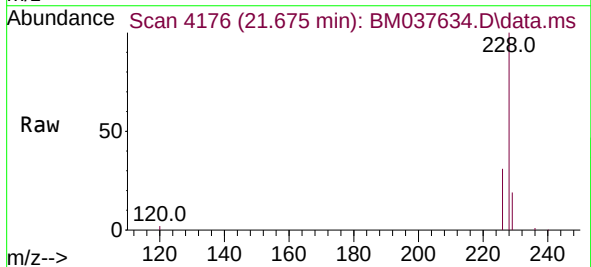
Instrument :
BNA_M
ClientSampleId :
SLCS056

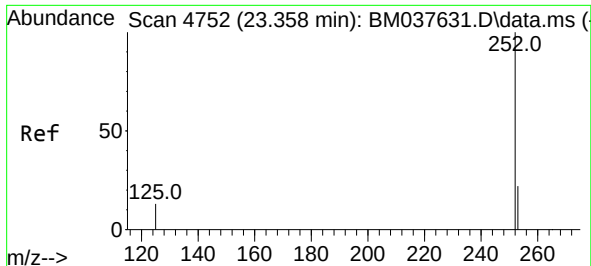
Tgt Ion:228 Resp: 28267
Ion Ratio Lower Upper
228 100
229 19.2 15.7 23.5
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.584 ng/ul
RT: 21.675 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:228 Resp: 30288
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 19.4 15.5 23.3

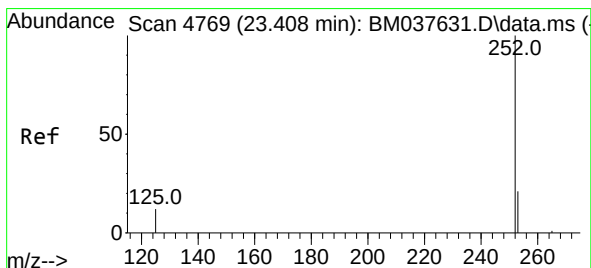
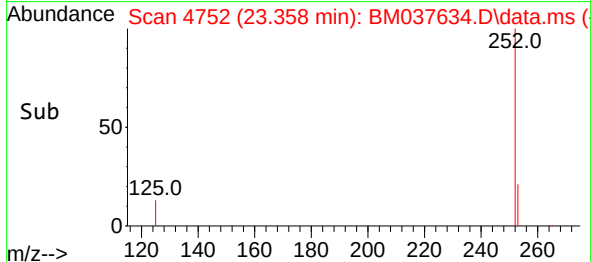
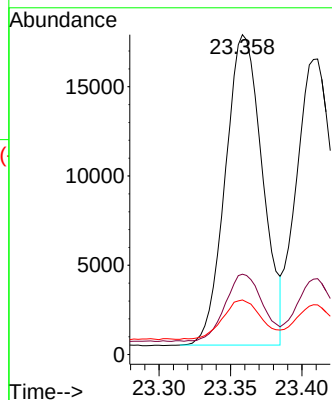
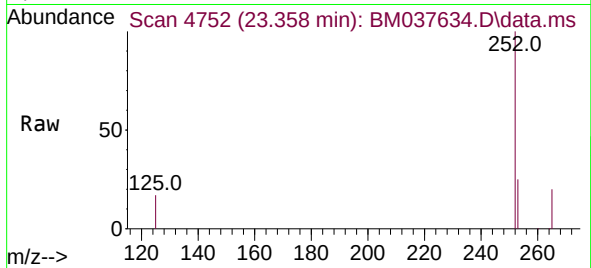




#24
Benzo(b)fluoranthene
Concen: 0.658 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

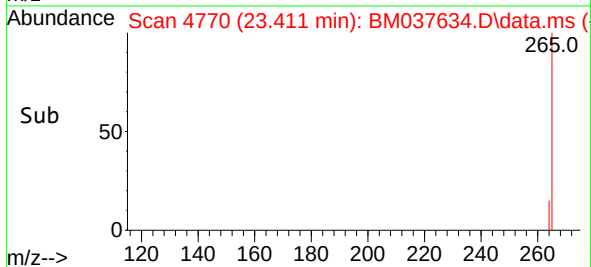
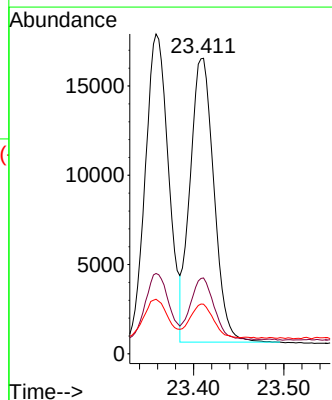
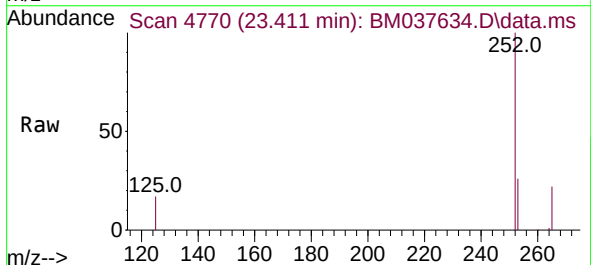
Instrument :
BNA_M
ClientSampleId :
SLCS056

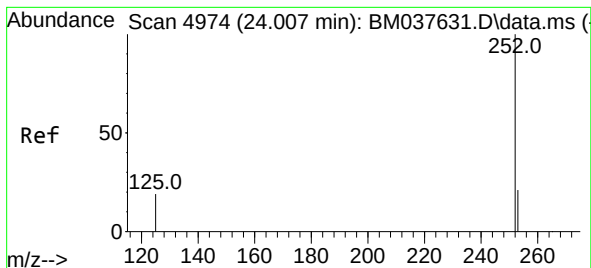
Tgt Ion:252 Resp: 31404
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.2
125 17.1 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.606 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:252 Resp: 29203
Ion Ratio Lower Upper
252 100
253 25.7 18.8 28.2
125 16.8 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.610 ng/ul

RT: 24.013 min Scan# 4974

Delta R.T. 0.000 min

Lab File: BM037634.D

Acq: 22 Nov 2022 10:13

Instrument :

BNA_M

ClientSampleId :

SLCS056

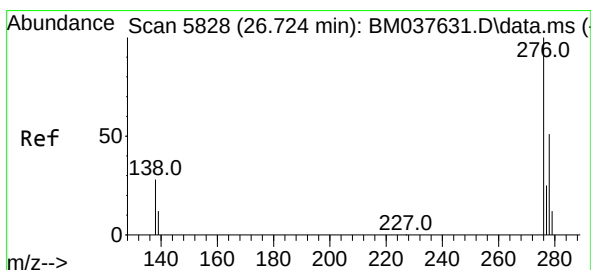
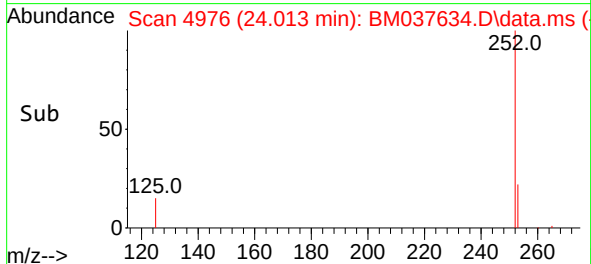
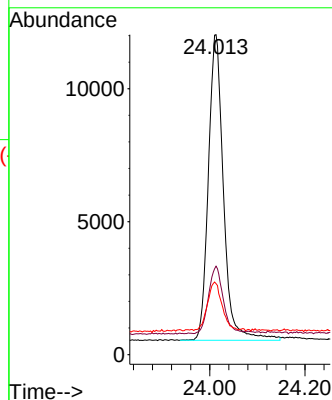
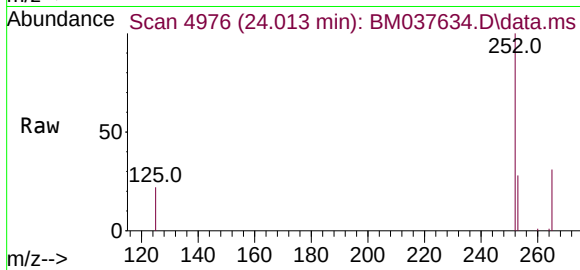
Tgt Ion:252 Resp: 25326

Ion Ratio Lower Upper

252 100

253 27.6 18.8 28.2

125 22.2 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.566 ng/ul

RT: 26.728 min Scan# 5829

Delta R.T. 0.000 min

Lab File: BM037634.D

Acq: 22 Nov 2022 10:13

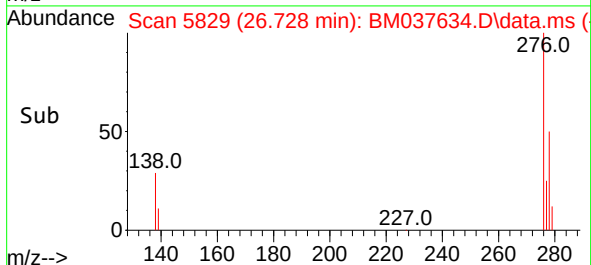
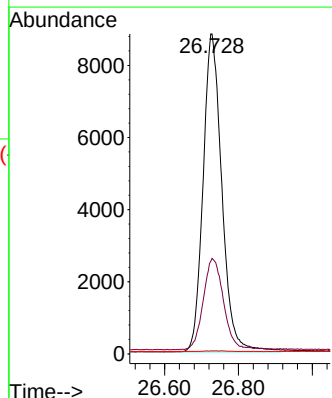
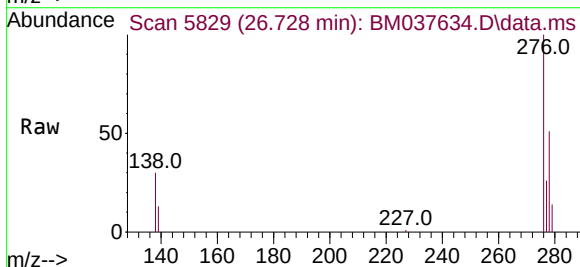
Tgt Ion:276 Resp: 31121

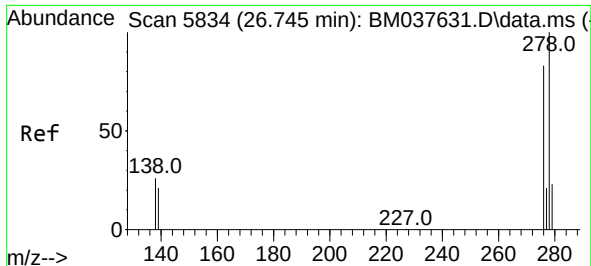
Ion Ratio Lower Upper

276 100

138 30.8 21.2 31.8

227 0.0 0.1 0.1#

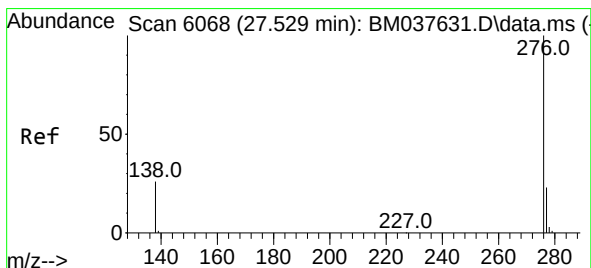
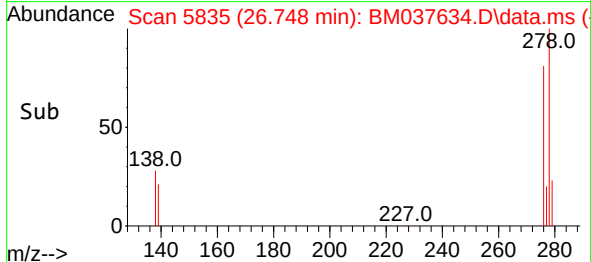
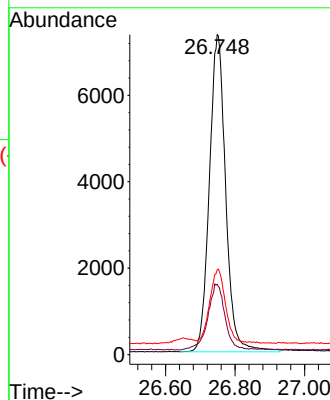
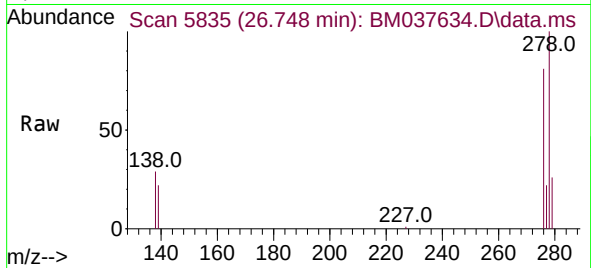




#28
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul
RT: 26.748 min Scan# 5834
Delta R.T. 0.000 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Instrument :
BNA_M
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 23895
Ion Ratio Lower Upper
278 100
139 22.0 15.2 22.8
279 26.5 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.559 ng/ul
RT: 27.530 min Scan# 6068
Delta R.T. -0.003 min
Lab File: BM037634.D
Acq: 22 Nov 2022 10:13

Tgt Ion:276 Resp: 26099
Ion Ratio Lower Upper
276 100
138 27.4 19.0 28.4
277 24.5 19.4 29.2

