

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
 Data File : BM039962.D
 Acq On : 19 May 2023 17:57
 Operator : CG/JU
 Sample : PB152817BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS817

Quant Time: May 19 23:36:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 15:08:18 2023
 Response via : Initial Calibration

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

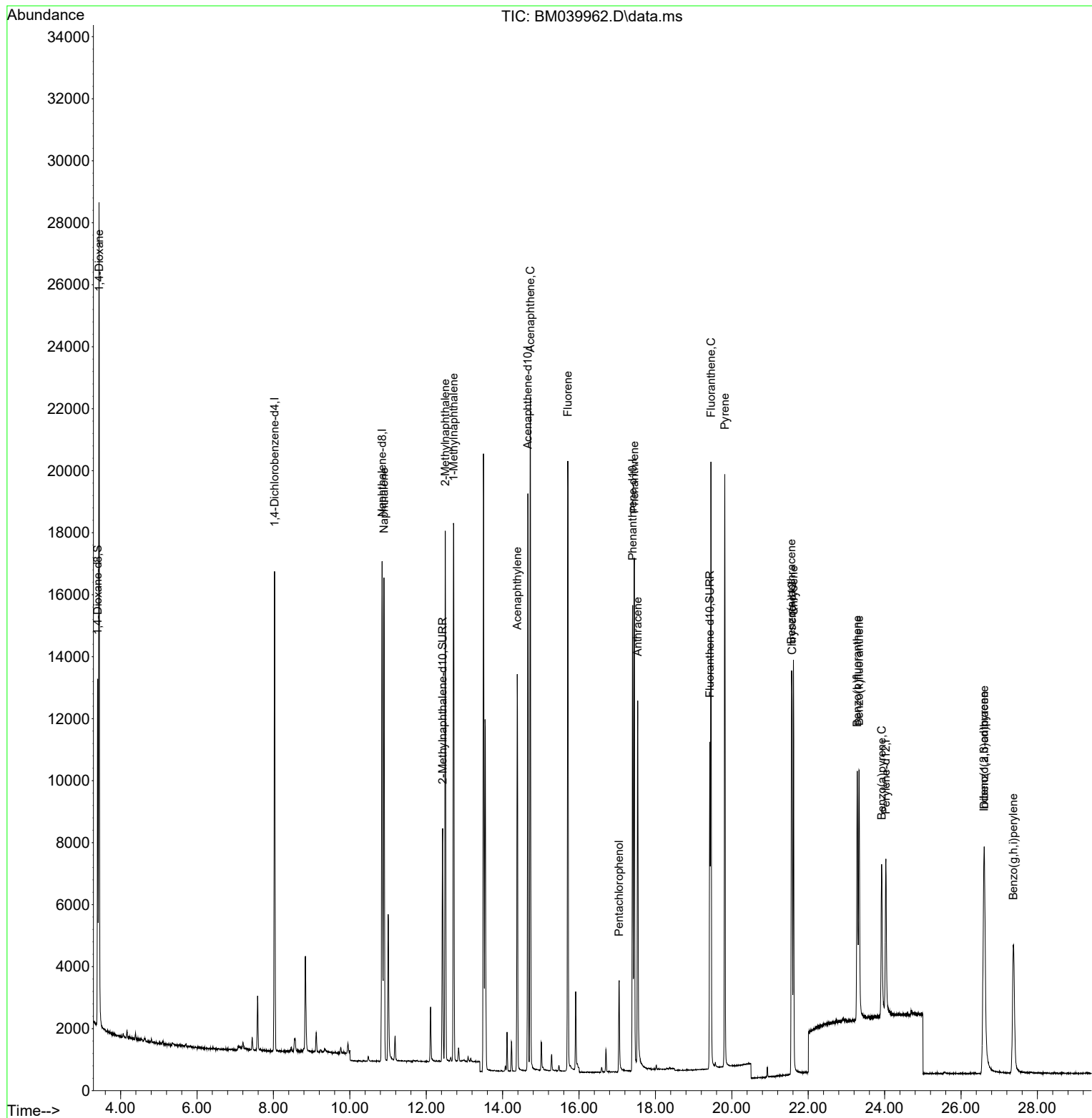
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	7324	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	21451	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	9474	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.404	188	17100	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8250	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	7255	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	6987	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	9507	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.426	212	11115	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	17567	1.702	ng/ul	96
5) Naphthalene	10.894	128	20386	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.499	142	11501	0.369	ng/ul	99
8) 1-Methylnaphthalene	12.719	142	11701	0.360	ng/ul	100
10) Acenaphthylene	14.383	152	14116	0.362	ng/ul	99
11) Acenaphthene	14.725	153	12026	0.375	ng/ul	98
12) Fluorene	15.706	166	12179	0.376	ng/ul	99
14) Pentachlorophenol	17.049	266	2189	0.619	ng/ul	96
15) Phenanthrene	17.446	178	17886	0.367	ng/ul	99
16) Anthracene	17.535	178	13949	0.349	ng/ul	99
19) Fluoranthene	19.454	202	15821	0.399	ng/ul	99
20) Pyrene	19.817	202	15485	0.395	ng/ul	97
21) Benzo(a)anthracene	21.562	228	9886	0.383	ng/ul	100
22) Chrysene	21.614	228	11930	0.398	ng/ul	100
24) Benzo(b)fluoranthene	23.283	252	10941	0.381	ng/ul	99
25) Benzo(k)fluoranthene	23.333	252	11419	0.383	ng/ul	99
26) Benzo(a)pyrene	23.923	252	8740	0.376	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.598	276	11658	0.368	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.612	278	9308	0.366	ng/ul	99
29) Benzo(g,h,i)perylene	27.370	276	10248	0.377	ng/ul	99

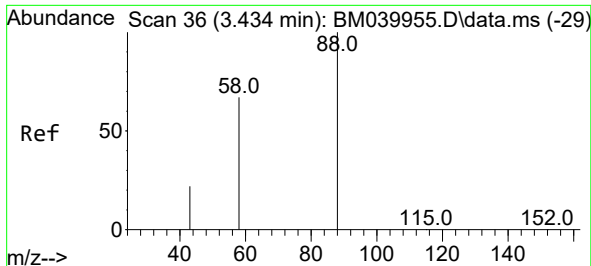
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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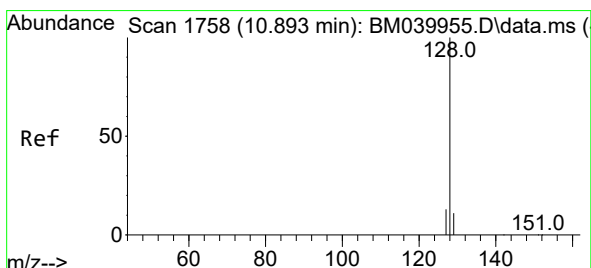
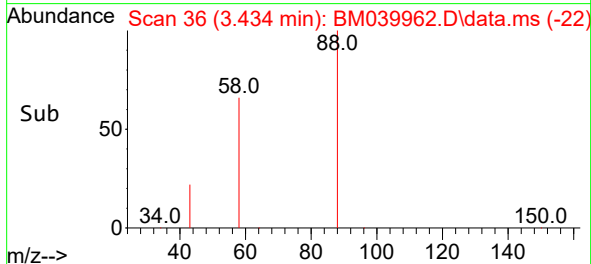
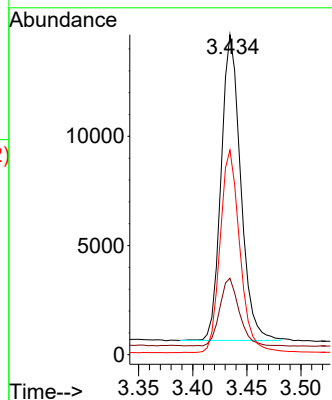
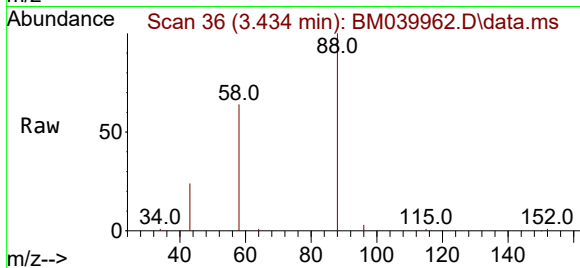




#2
1,4-Dioxane
Concen: 1.702 ng/ul
RT: 3.434 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

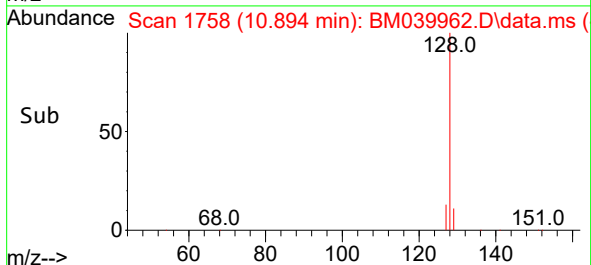
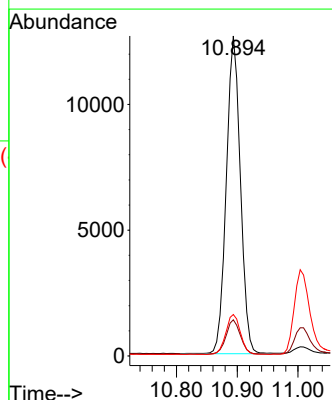
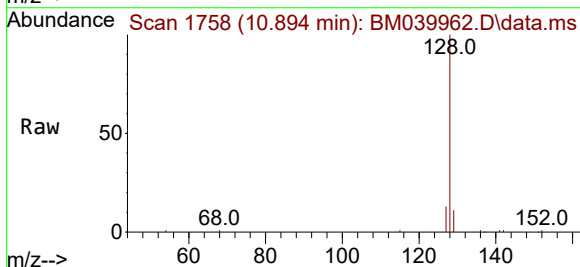
Instrument :
BNA_M
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SLCS817

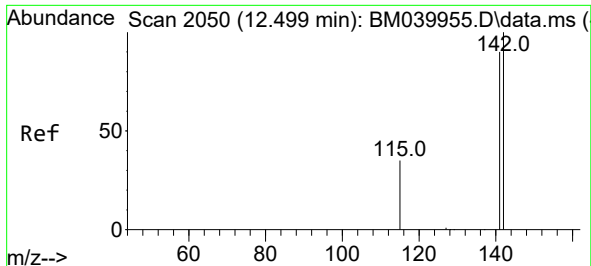
Tgt Ion: 88 Resp: 17567
Ion Ratio Lower Upper
88 100
43 23.9 21.7 32.5
58 64.0 49.4 74.0



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion: 128 Resp: 20386
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.9 10.4 15.6

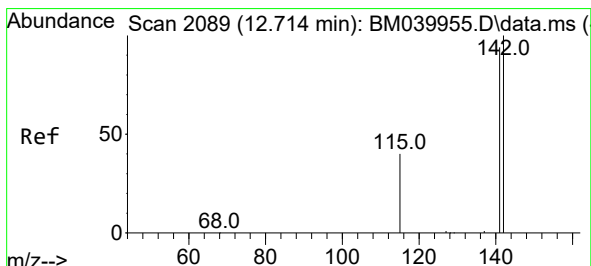
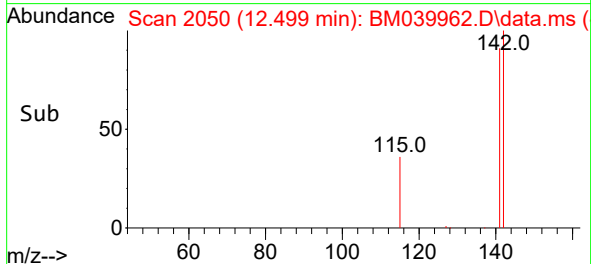
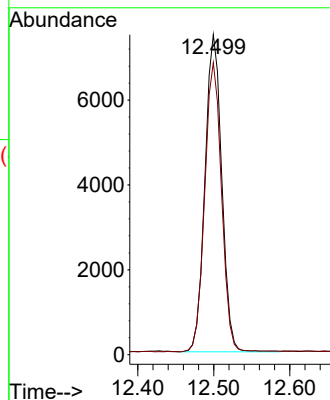
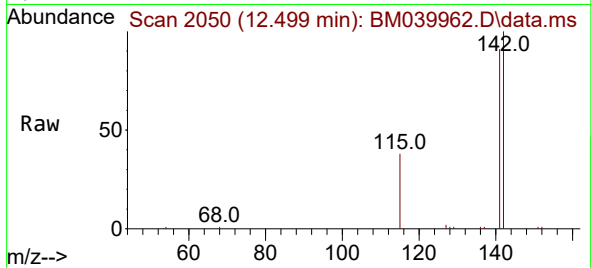




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.499 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

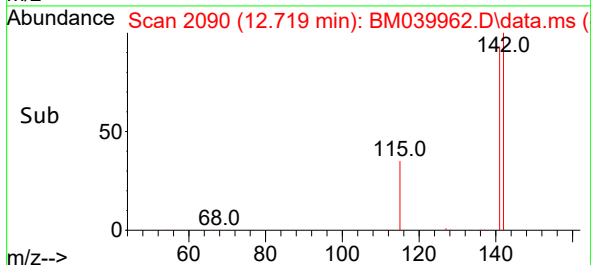
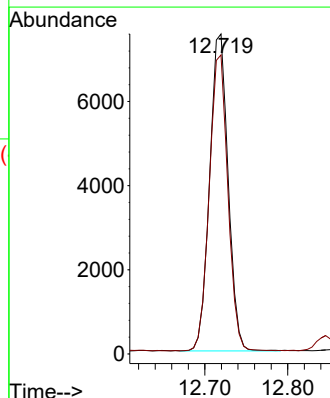
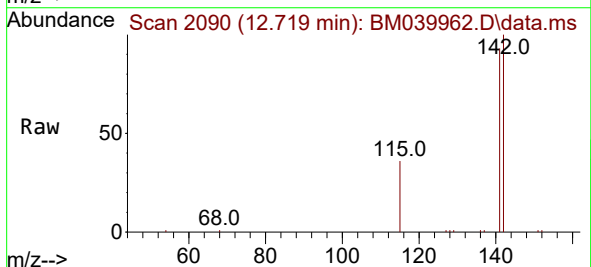
Instrument :
BNA_M
ClientSampleId :
SLCS817

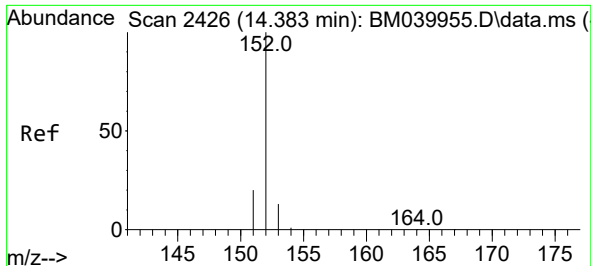
Tgt Ion:142 Resp: 11501
Ion Ratio Lower Upper
142 100
141 91.4 72.4 108.6



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.719 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion:142 Resp: 11701
Ion Ratio Lower Upper
142 100
141 93.7 74.7 112.1

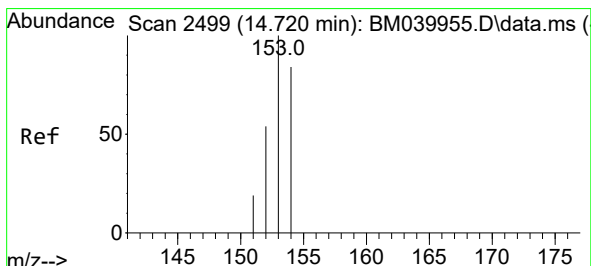
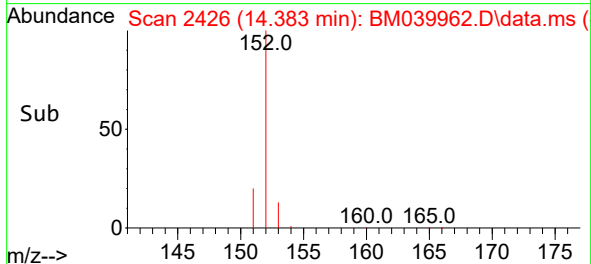
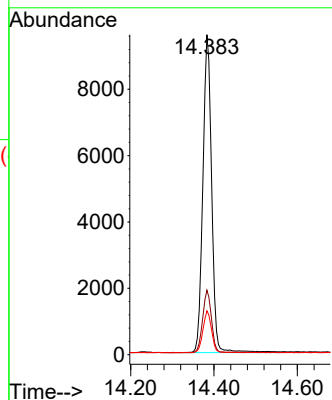
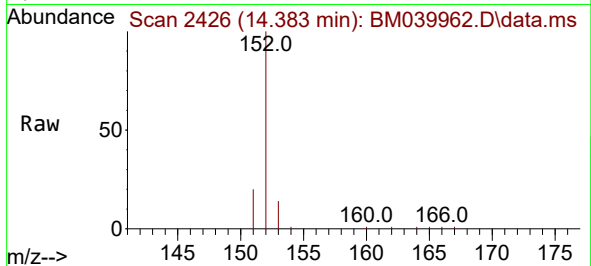




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.383 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

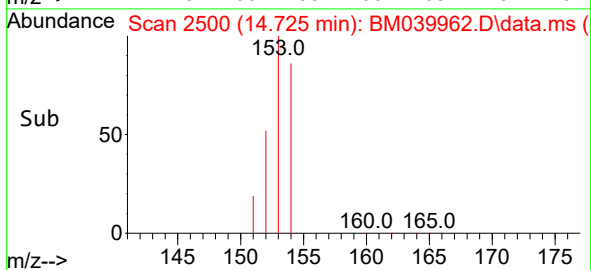
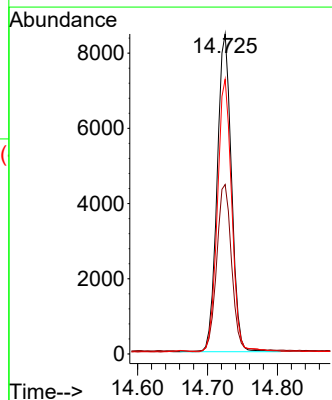
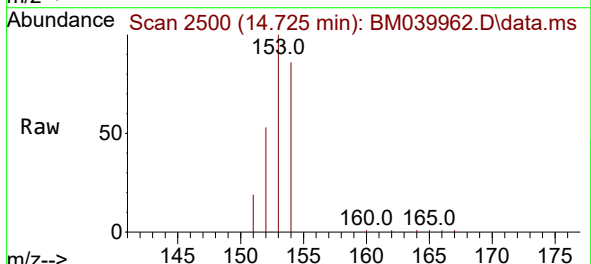
Instrument :
BNA_M
ClientSampleId :
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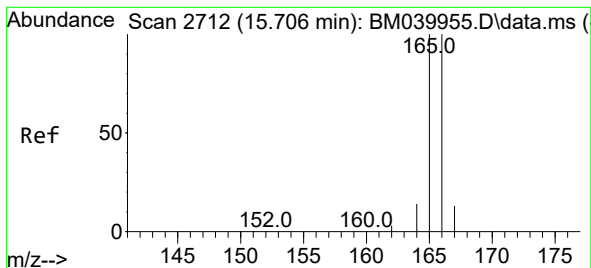
Tgt Ion:152	Resp:	14116
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.3 24.5
153	13.7	10.6 15.8



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.725 min Scan# 2500
Delta R.T. 0.005 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion:153	Resp:	12026
Ion Ratio	Lower	Upper
153	100	
152	52.9	43.5 65.3
154	85.9	67.8 101.6





#12

Fluorene

Concen: 0.376 ng/ul

RT: 15.706 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039962.D

Acq: 19 May 2023 17:57

Instrument :

BNA_M

ClientSampleId :

SLCS817

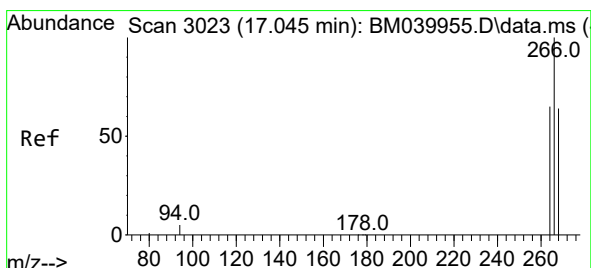
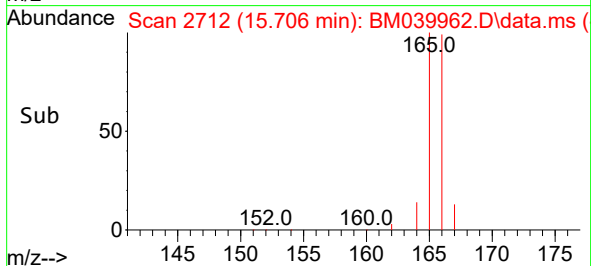
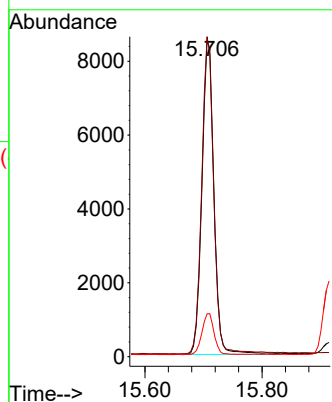
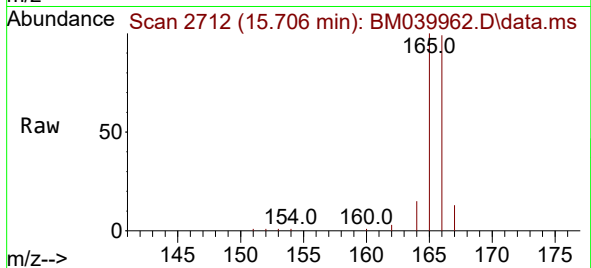
Tgt Ion:166 Resp: 12179

Ion Ratio Lower Upper

166 100

165 101.2 80.1 120.1

167 13.6 11.0 16.4



#14

Pentachlorophenol

Concen: 0.619 ng/ul

RT: 17.049 min Scan# 3024

Delta R.T. 0.004 min

Lab File: BM039962.D

Acq: 19 May 2023 17:57

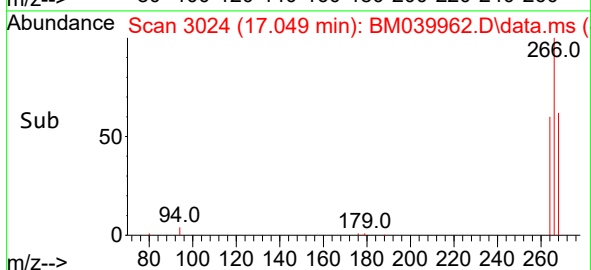
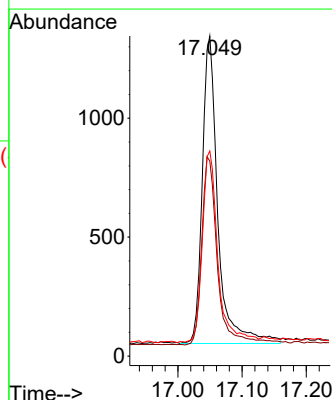
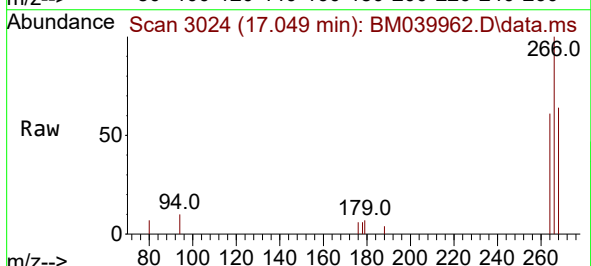
Tgt Ion:266 Resp: 2189

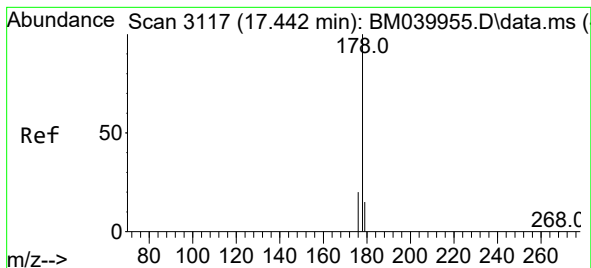
Ion Ratio Lower Upper

266 100

264 62.2 51.0 76.6

268 62.4 53.4 80.2





#15

Phenanthrene

Concen: 0.367 ng/ul

RT: 17.446 min Scan# 3117

Delta R.T. 0.004 min

Lab File: BM039962.D

Acq: 19 May 2023 17:57

Instrument :

BNA_M

ClientSampleId :

SLCS817

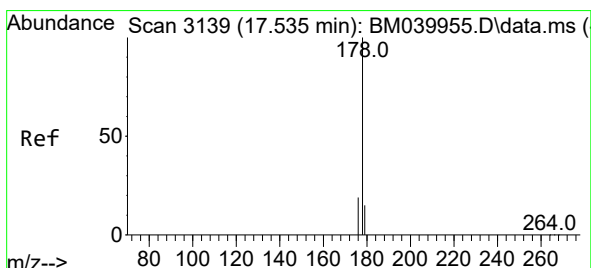
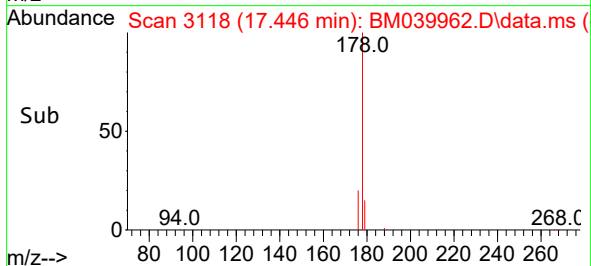
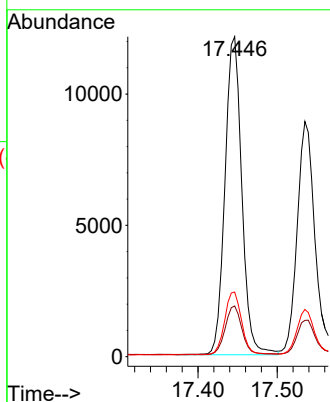
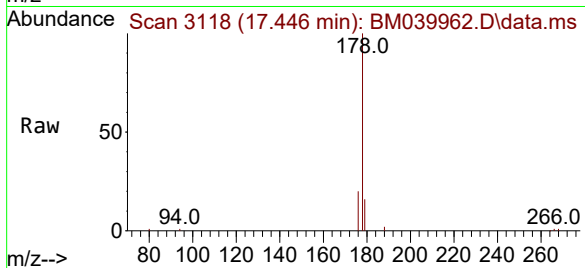
Tgt Ion:178 Resp: 17886

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 20.2 16.6 24.8



#16

Anthracene

Concen: 0.349 ng/ul

RT: 17.535 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BM039962.D

Acq: 19 May 2023 17:57

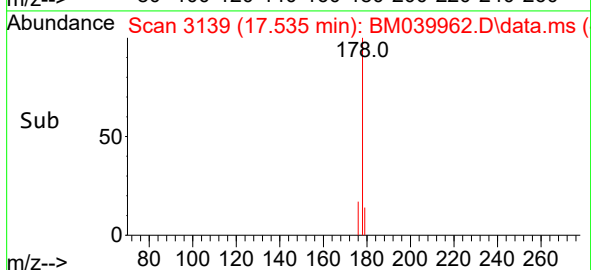
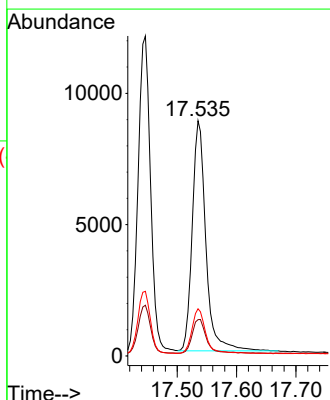
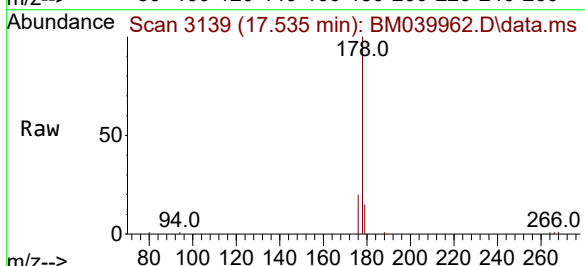
Tgt Ion:178 Resp: 13949

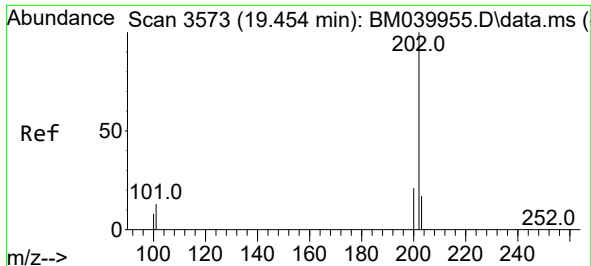
Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 20.1 15.6 23.4

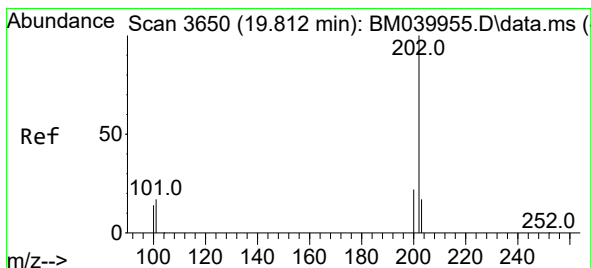
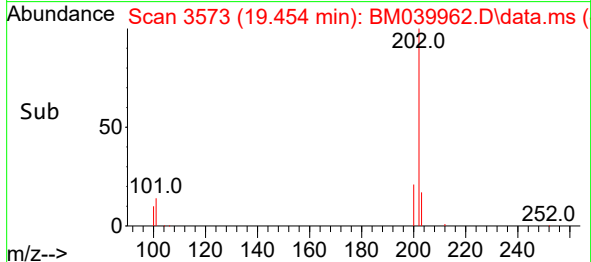
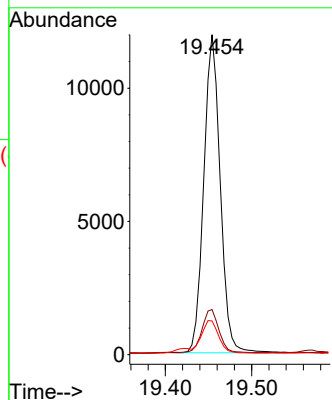
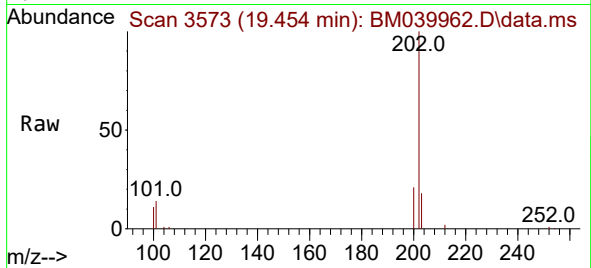




#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.454 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

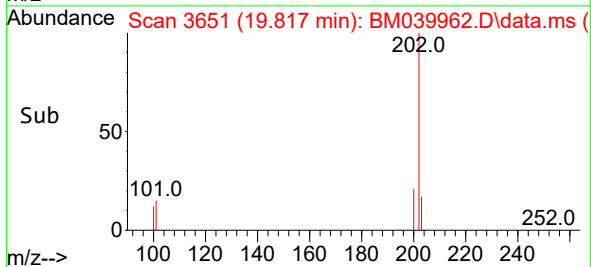
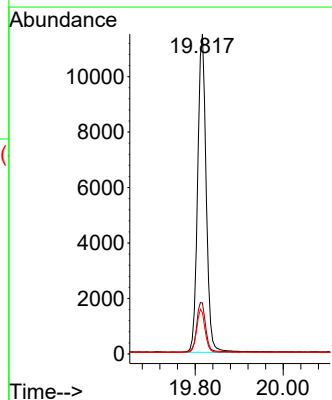
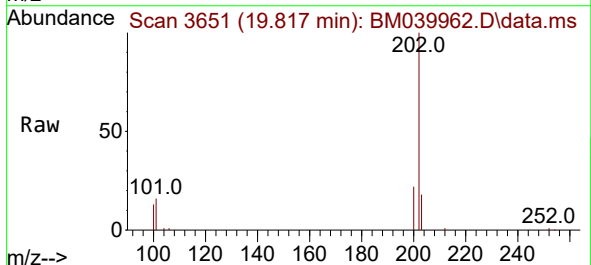
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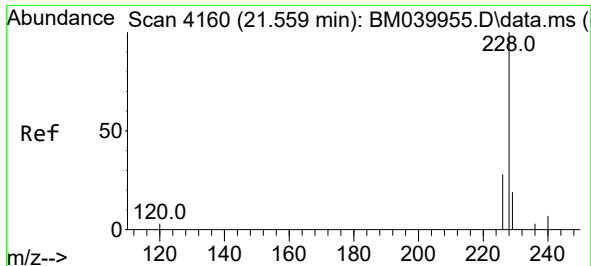
Tgt Ion:202 Resp: 15821
Ion Ratio Lower Upper
202 100
101 14.1 10.8 16.2
100 10.5 8.2 12.4



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.817 min Scan# 3651
Delta R.T. 0.005 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion:202 Resp: 15485
Ion Ratio Lower Upper
202 100
101 15.9 13.8 20.6
100 12.9 11.1 16.7

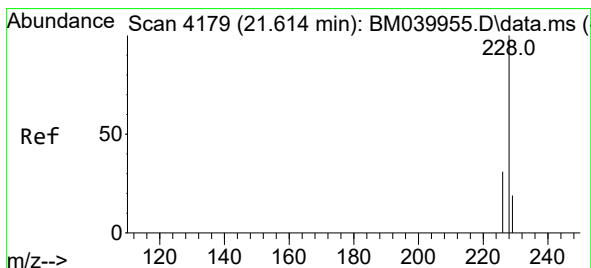
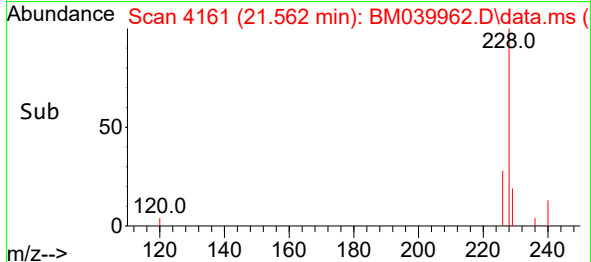
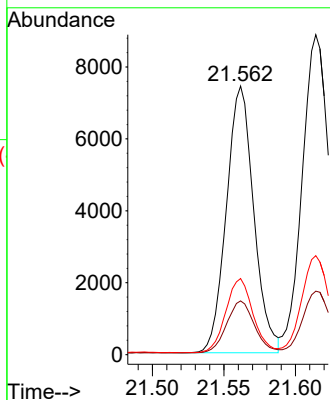
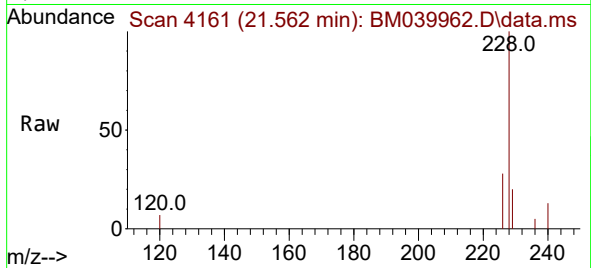




#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.562 min Scan# 4161
Delta R.T. 0.003 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

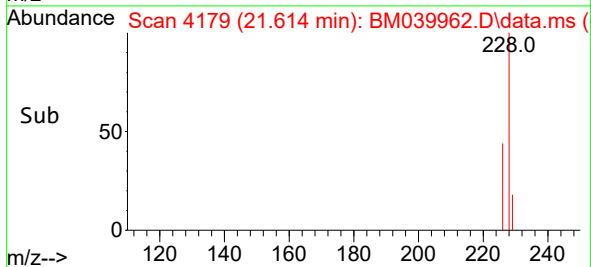
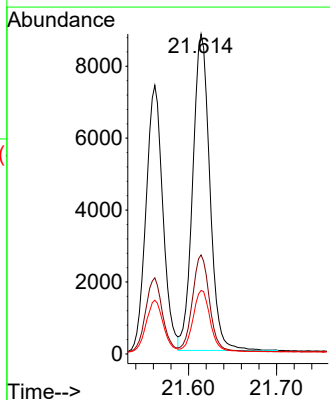
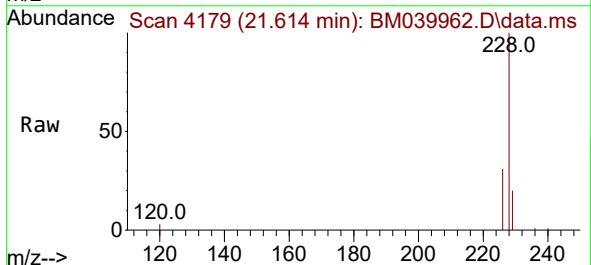
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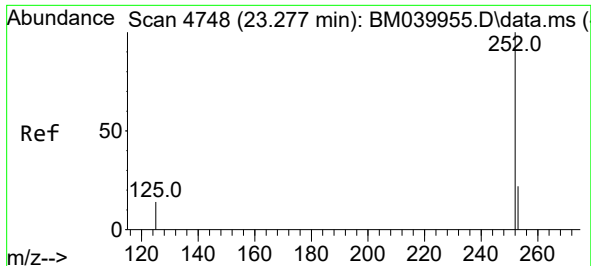
Tgt Ion:228 Resp: 9886
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.3 22.7 34.1



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.614 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion:228 Resp: 11930
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 19.9 15.8 23.6

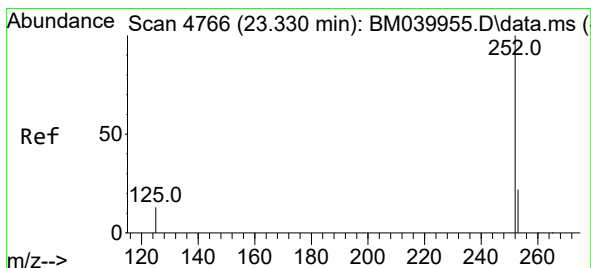
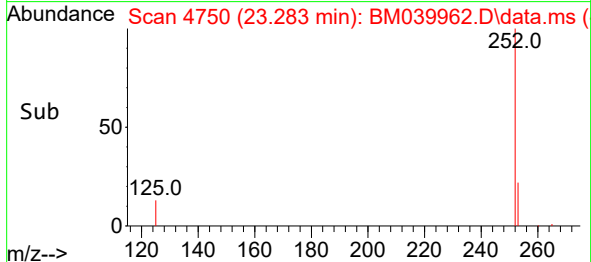
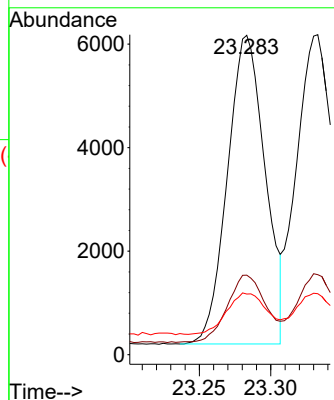
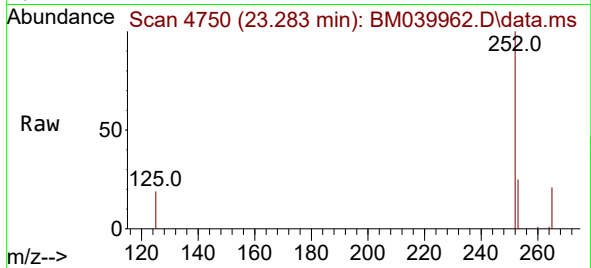




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.283 min Scan# 4750
Delta R.T. 0.006 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

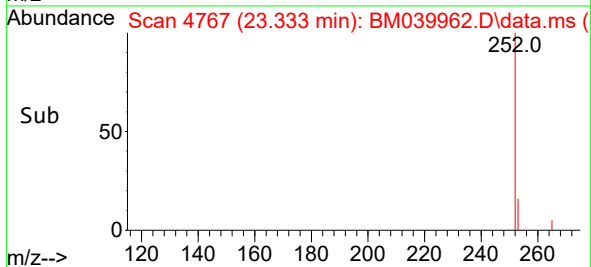
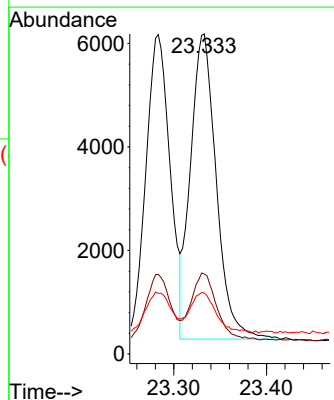
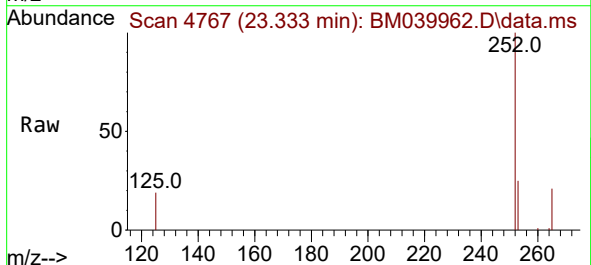
Instrument :
BNA_M
ClientSampleId :
SLCS817

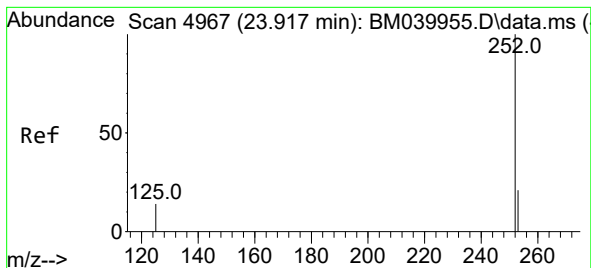
Tgt Ion:252 Resp: 10941
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.2
125 19.0 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.333 min Scan# 4767
Delta R.T. 0.003 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion:252 Resp: 11419
Ion Ratio Lower Upper
252 100
253 25.0 19.8 29.8
125 19.1 14.7 22.1





#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.923 min Scan# 4967

Delta R.T. 0.006 min

Lab File: BM039962.D

Acq: 19 May 2023 17:57

Instrument :

BNA_M

ClientSampleId :

SLCS817

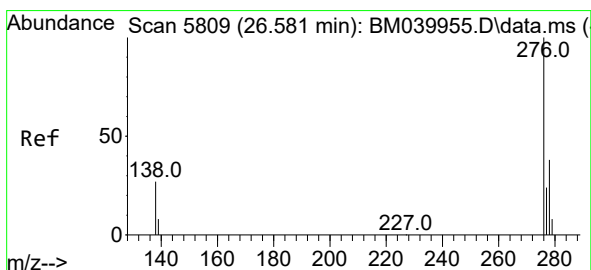
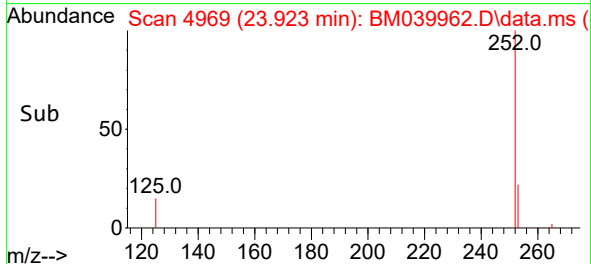
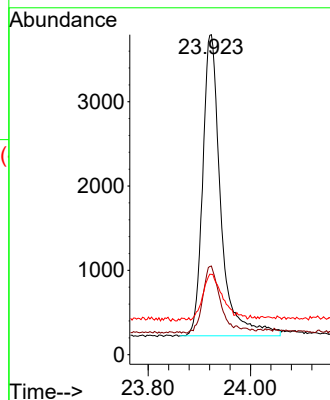
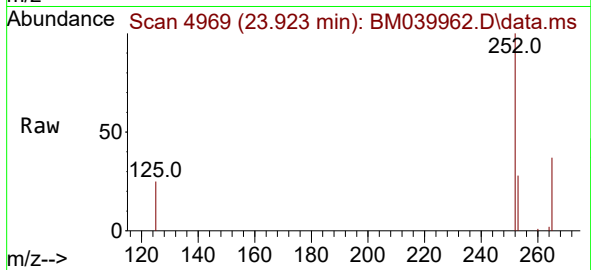
Tgt Ion:252 Resp: 8740

Ion Ratio Lower Upper

252 100

253 27.7 20.3 30.5

125 25.1 17.8 26.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

RT: 26.598 min Scan# 5814

Delta R.T. 0.017 min

Lab File: BM039962.D

Acq: 19 May 2023 17:57

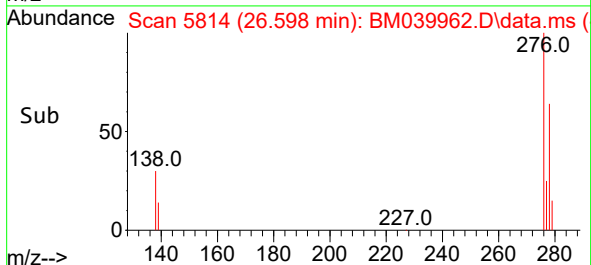
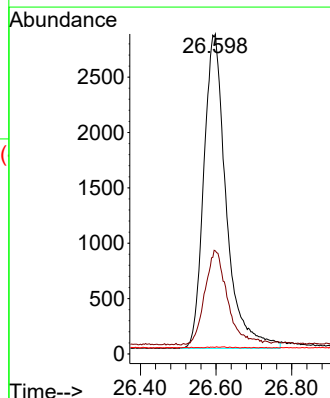
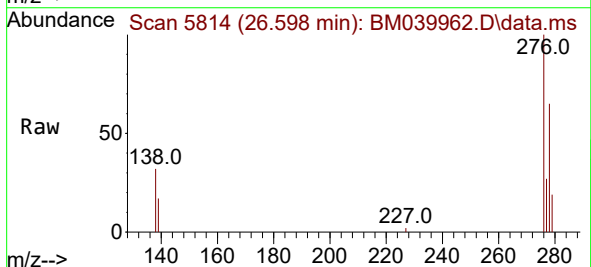
Tgt Ion:276 Resp: 11658

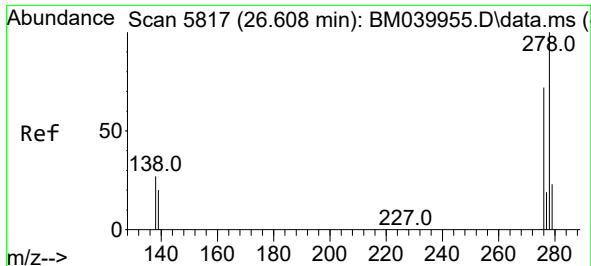
Ion Ratio Lower Upper

276 100

138 29.9 24.8 37.2

227 0.1 0.1 0.1#

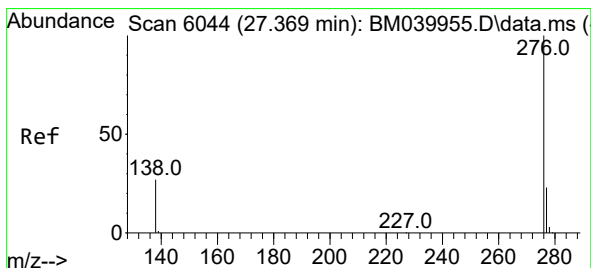
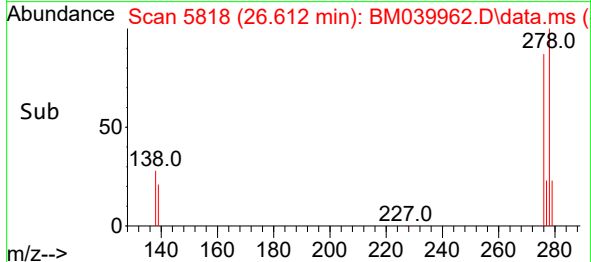
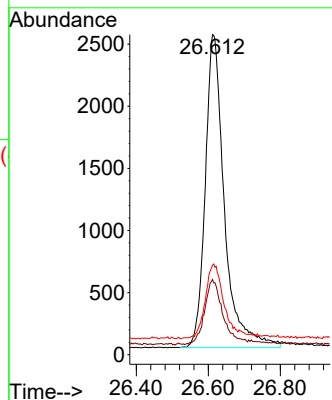
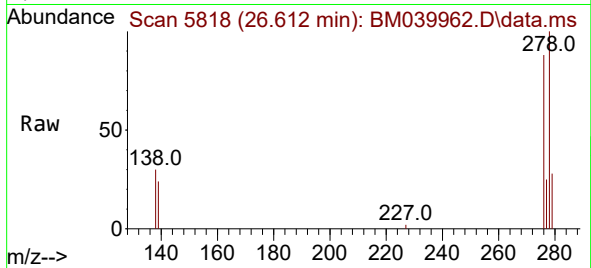




#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.612 min Scan# 5818
Delta R.T. 0.004 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Instrument :
BNA_M
ClientSampleId :
SLCS817

Tgt Ion:278 Resp: 9308
Ion Ratio Lower Upper
278 100
139 23.5 18.4 27.6
279 28.0 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.370 min Scan# 6044
Delta R.T. 0.000 min
Lab File: BM039962.D
Acq: 19 May 2023 17:57

Tgt Ion:276 Resp: 10248
Ion Ratio Lower Upper
276 100
138 29.0 23.1 34.7
277 25.4 19.9 29.9

