

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039799.D
 Acq On : 02 May 2023 13:17
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4094

Quant Time: May 03 04:15:23 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

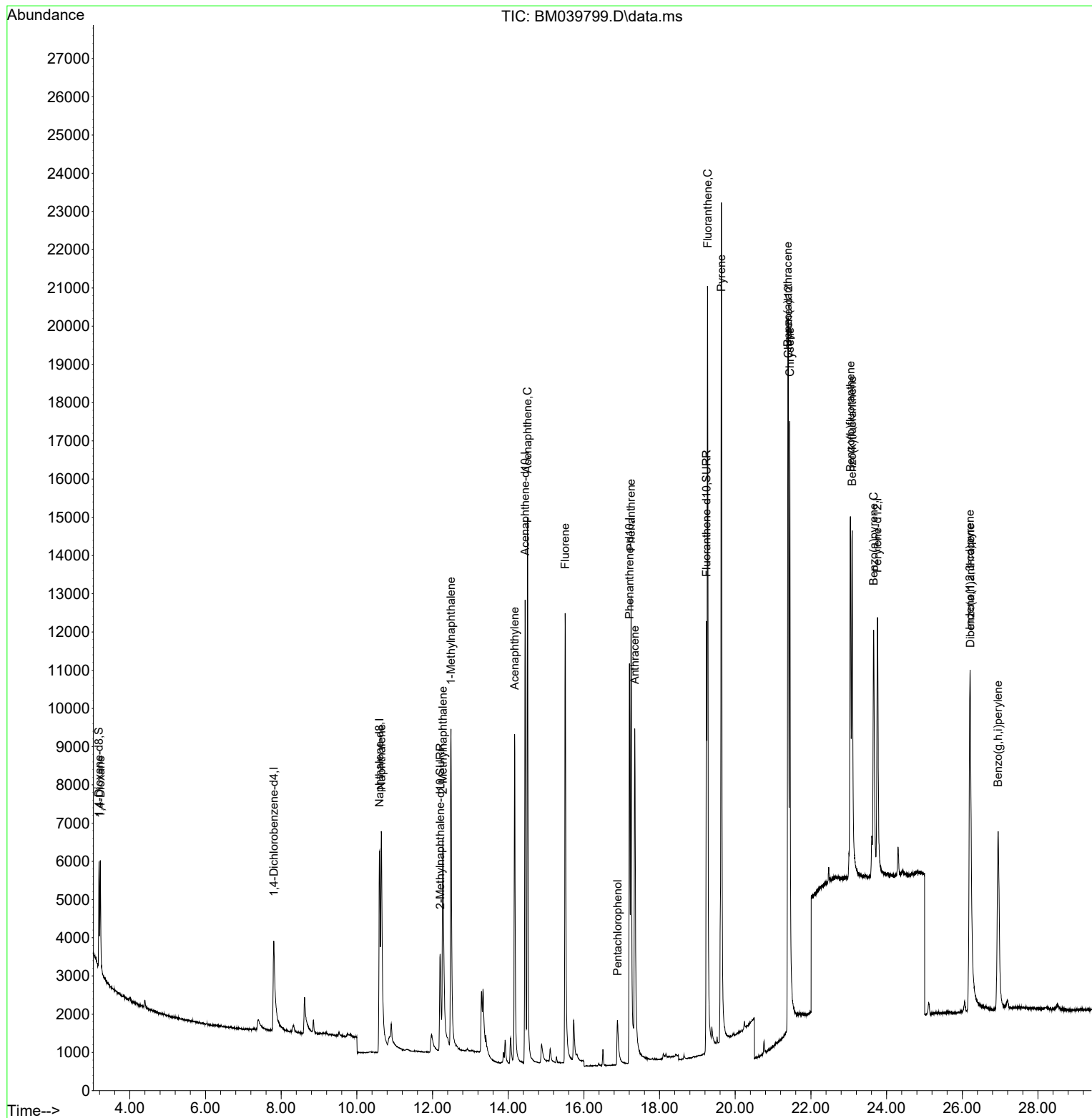
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3085	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	12192	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	7556	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15295	0.400	ng/ul	0.00
17) Chrysene-d12	21.404	240	12624	0.400	ng/ul	0.00
23) Perylene-d12	23.760	264	10694	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	1734	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	6239	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	14437	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	2007	0.426	ng/ul#	51
5) Naphthalene	10.650	128	11622	0.380	ng/ul	100
7) 2-Methylnaphthalene	12.272	142	7118	0.403	ng/ul	99
8) 1-Methylnaphthalene	12.487	142	7611	0.402	ng/ul	99
10) Acenaphthylene	14.168	152	12428	0.425	ng/ul	100
11) Acenaphthene	14.511	153	9039	0.393	ng/ul	98
12) Fluorene	15.505	166	9992	0.392	ng/ul	99
14) Pentachlorophenol	16.887	266	1591	0.477	ng/ul	98
15) Phenanthrene	17.246	178	15471	0.384	ng/ul	100
16) Anthracene	17.343	178	13828	0.400	ng/ul	99
19) Fluoranthene	19.271	202	19549	0.434	ng/ul	99
20) Pyrene	19.634	202	22299	0.458	ng/ul	99
21) Benzo(a)anthracene	21.389	228	15078	0.415	ng/ul	97
22) Chrysene	21.442	228	15922	0.388	ng/ul	97
24) Benzo(b)fluoranthene	23.043	252	13717	0.365	ng/ul	88
25) Benzo(k)fluoranthene	23.087	252	13956	0.365	ng/ul#	88
26) Benzo(a)pyrene	23.657	252	12294	0.365	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.202	276	14527	0.341	ng/ul	99
28) Dibenzo(a,h)anthracene	26.213	278	11335	0.343	ng/ul#	85
29) Benzo(g,h,i)perylene	26.947	276	12542	0.338	ng/ul	90

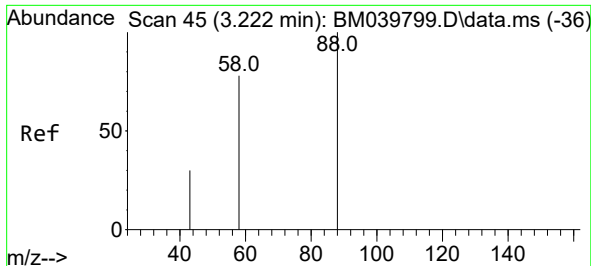
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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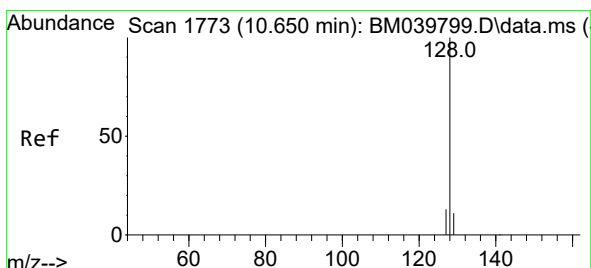
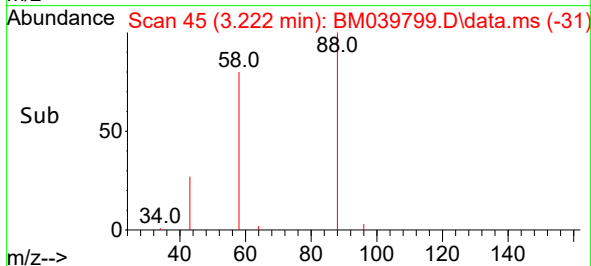
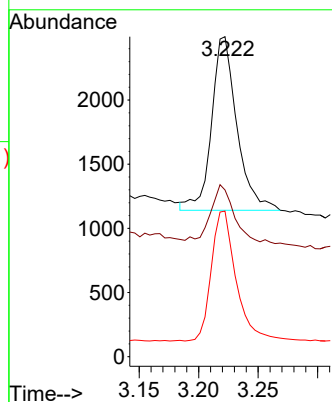
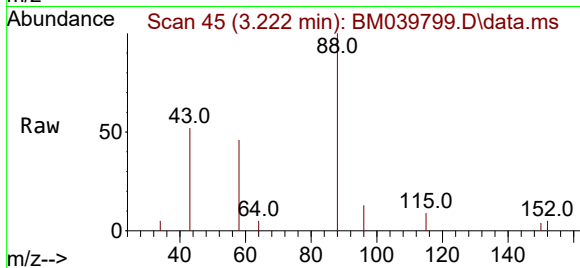




#2
1,4-Dioxane
Concen: 0.426 ng/ul
RT: 3.222 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

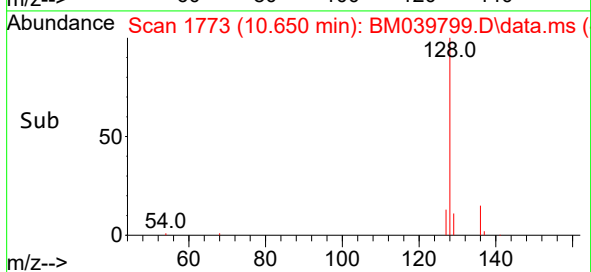
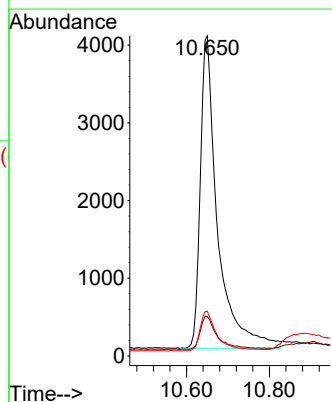
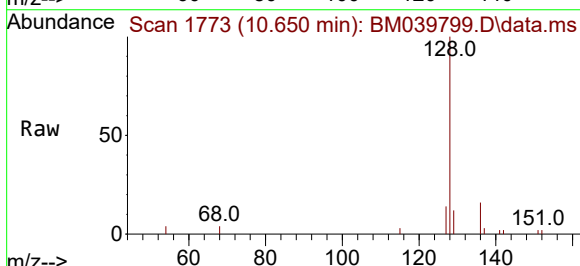
Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

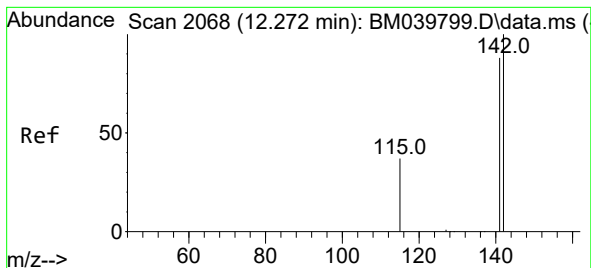
Tgt Ion: 88 Resp: 2007
Ion Ratio Lower Upper
88 100
43 52.1 102.6 153.8#
58 45.5 40.6 61.0



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion: 128 Resp: 11622
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 14.0 11.1 16.7

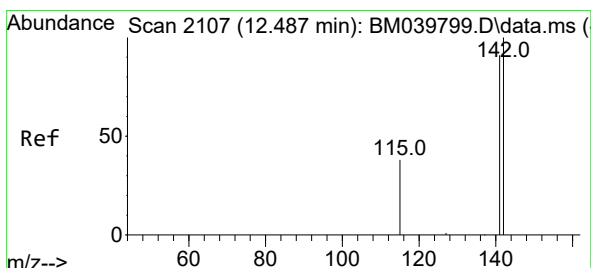
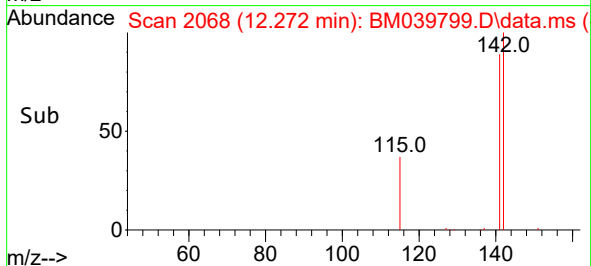
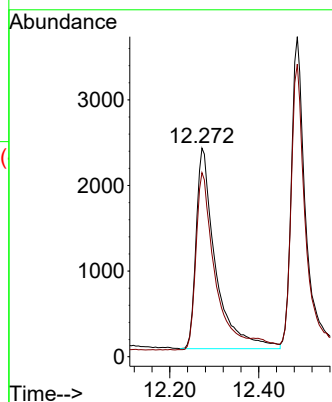
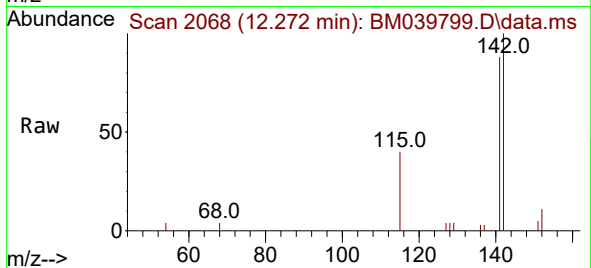




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

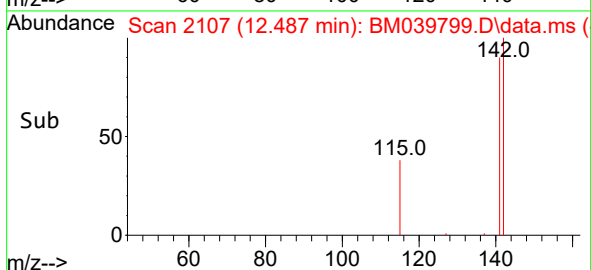
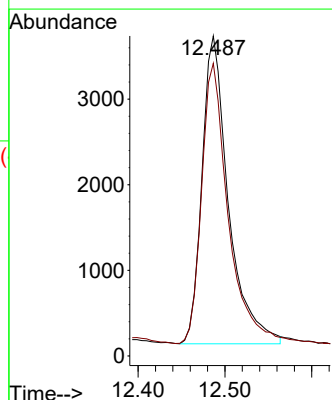
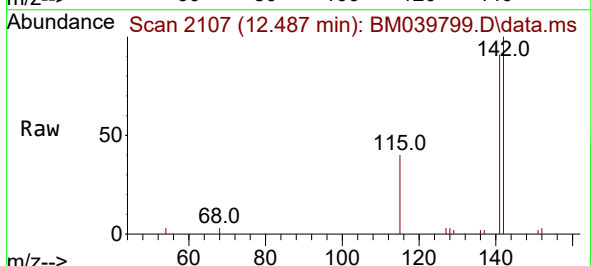
Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

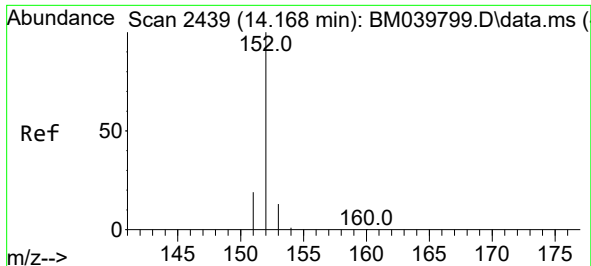
Tgt Ion:142 Resp: 7118
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:142 Resp: 7611
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2

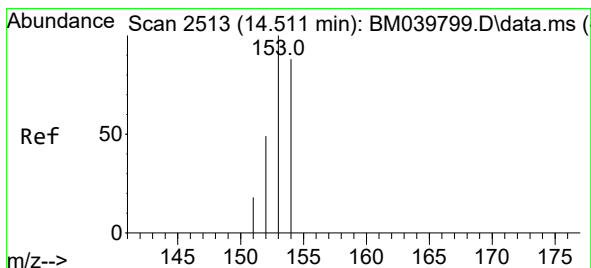
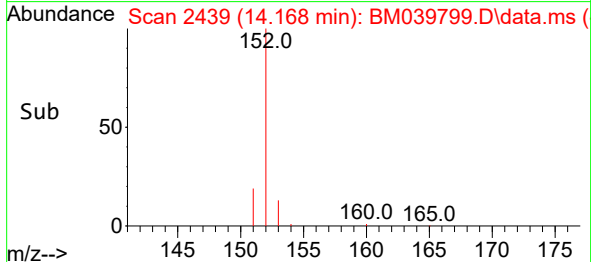
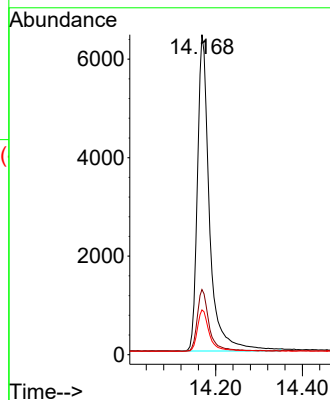
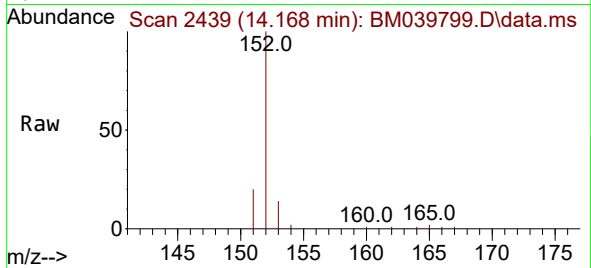




#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

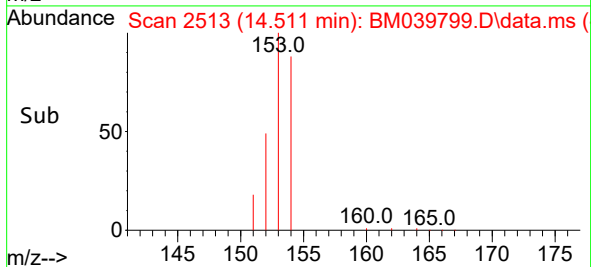
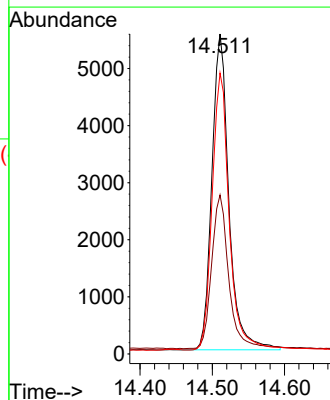
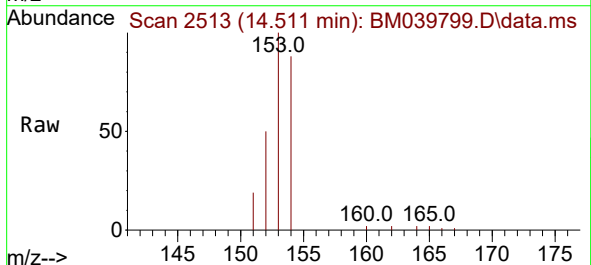
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ClientSampleId :
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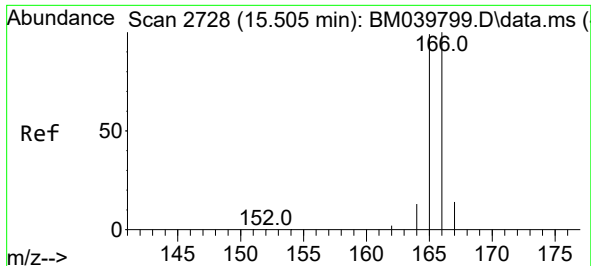
Tgt Ion:152 Resp: 12428
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:153 Resp: 9039
Ion Ratio Lower Upper
153 100
152 49.7 40.6 61.0
154 87.8 71.9 107.9

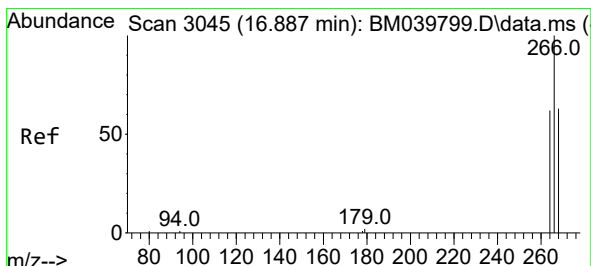
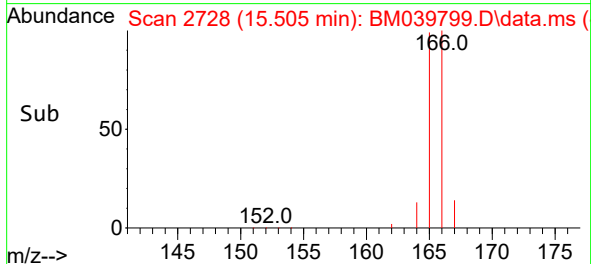
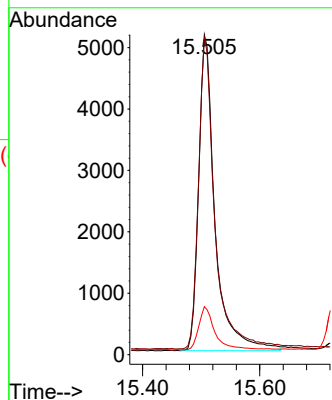
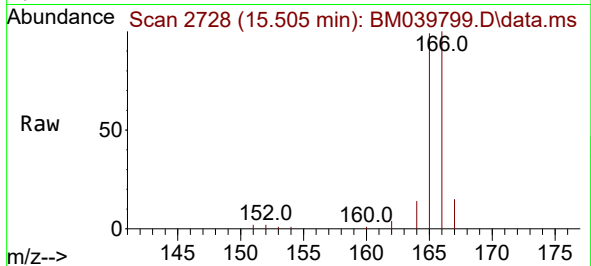




#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

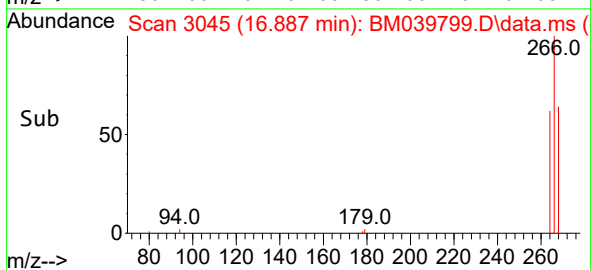
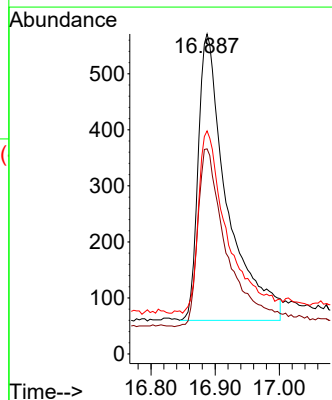
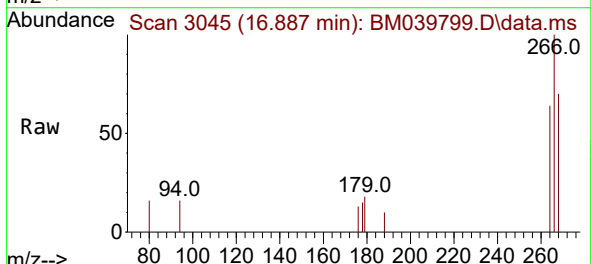
Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

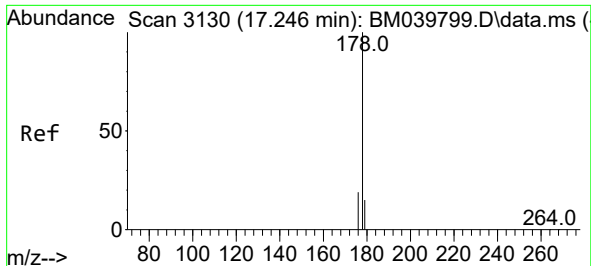
Tgt Ion:166 Resp: 9992
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 15.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.477 ng/ul
RT: 16.887 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:266 Resp: 1591
Ion Ratio Lower Upper
266 100
264 63.4 48.8 73.2
268 63.7 50.4 75.6

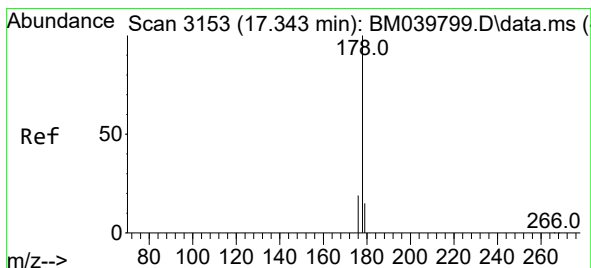
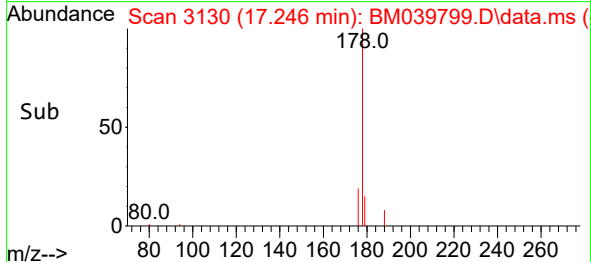
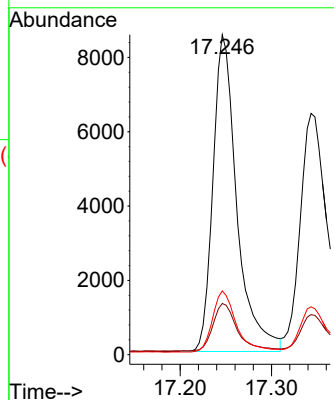
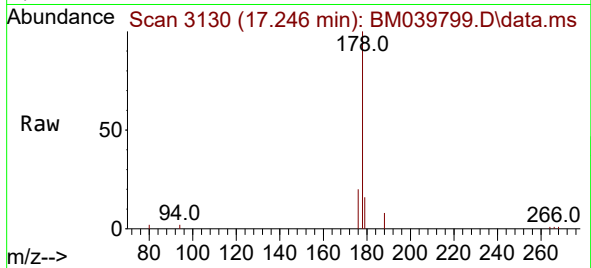




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

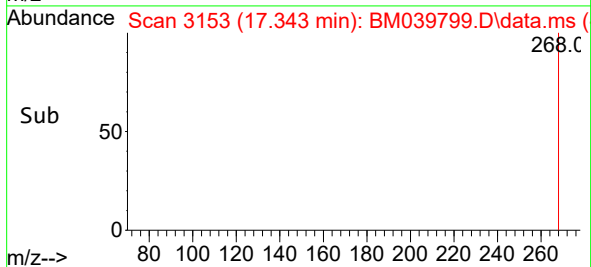
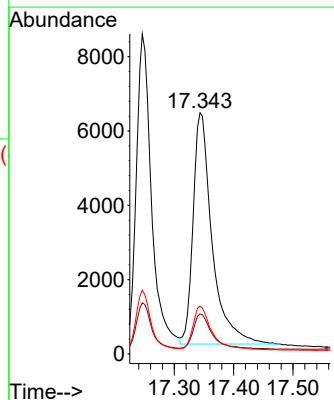
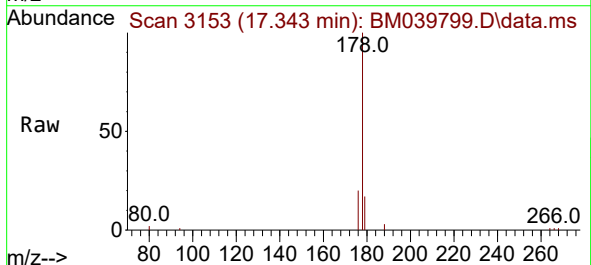
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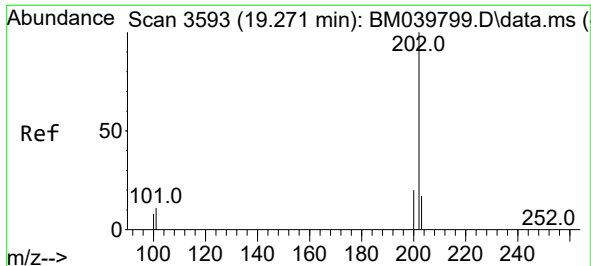
Tgt Ion:	178	Resp:	15471
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.0	19.6
176	19.9	15.8	23.8



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.343 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:	178	Resp:	13828
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.8	20.6
176	19.9	15.8	23.8

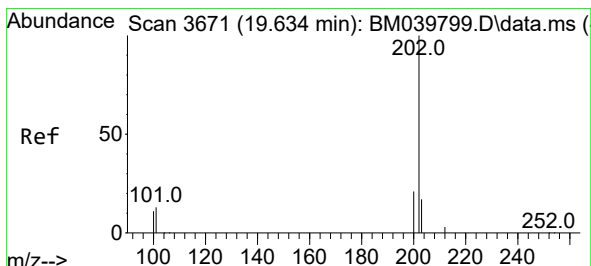
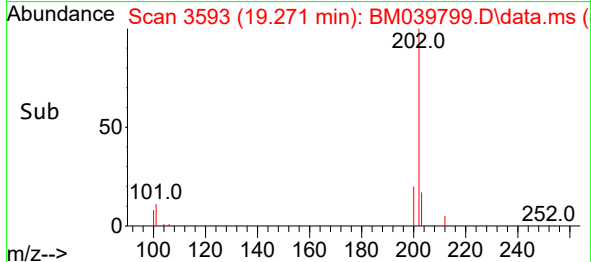
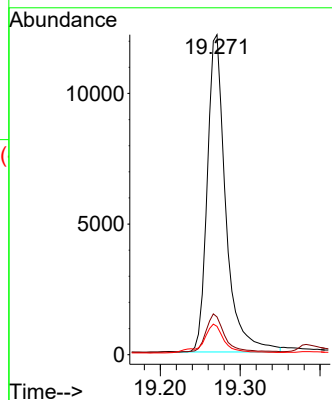
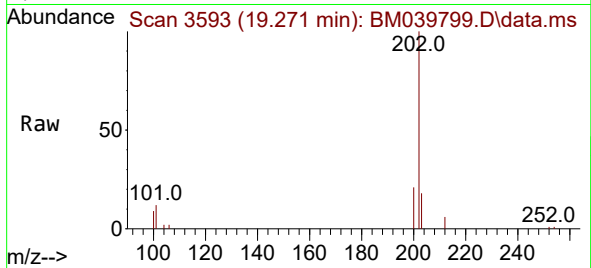




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

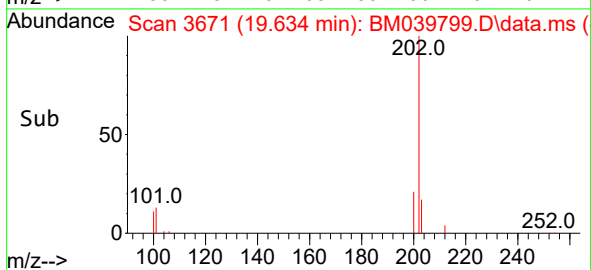
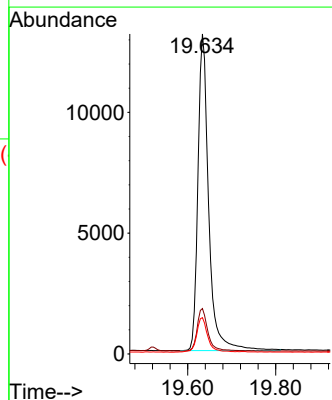
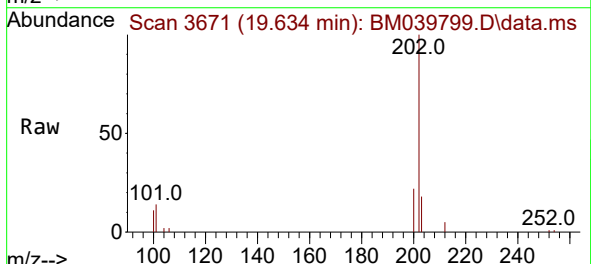
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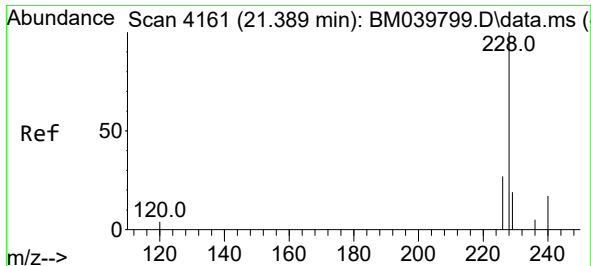
Tgt Ion:202 Resp: 19549
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:202 Resp: 22299
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.4 8.9 13.3

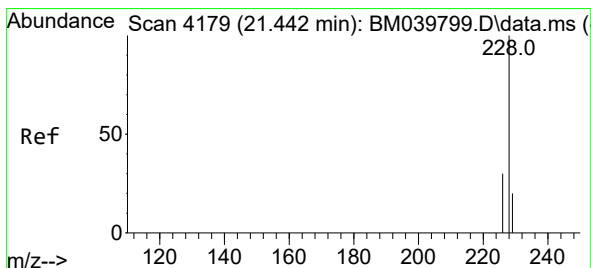
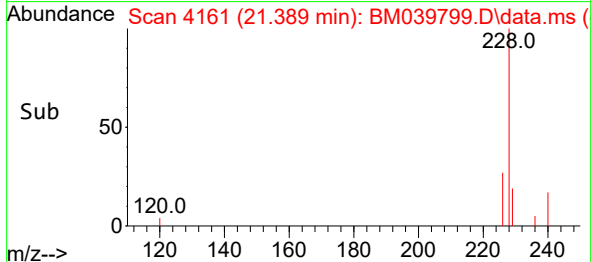
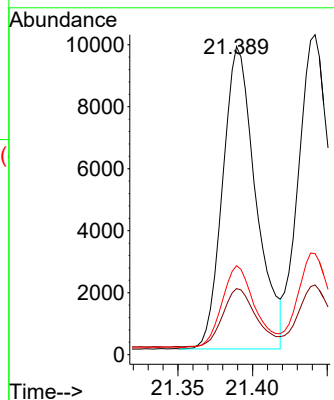
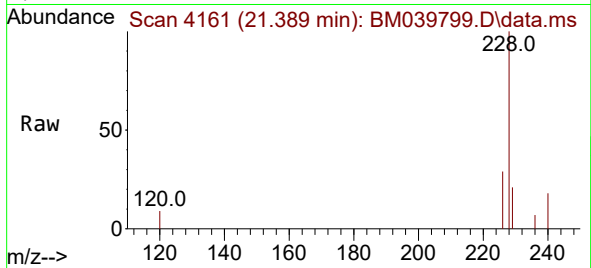




#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.389 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

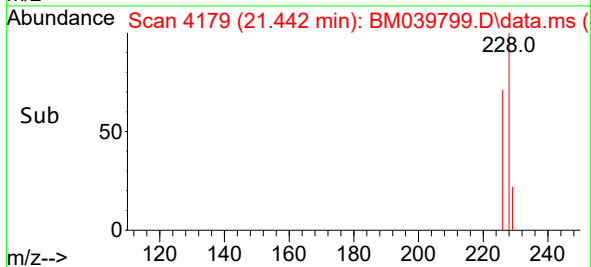
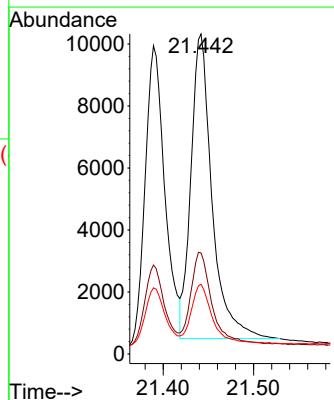
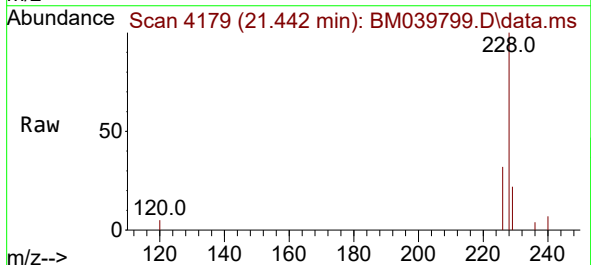
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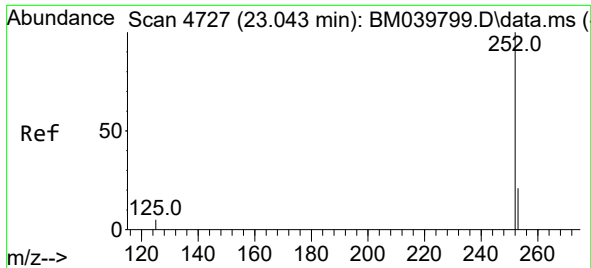
Tgt Ion:228 Resp: 15078
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.9 21.6 32.4



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:228 Resp: 15922
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 21.8 15.9 23.9

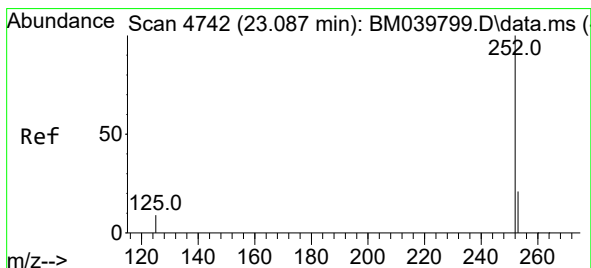
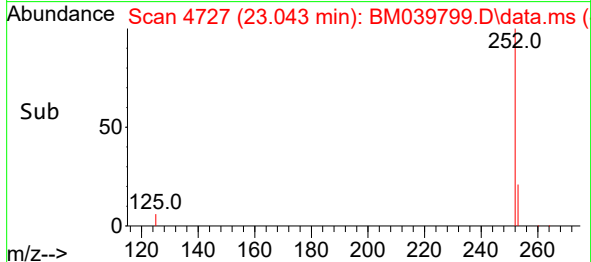
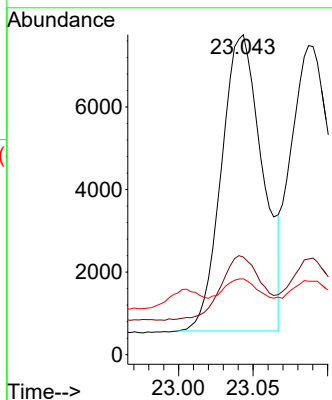
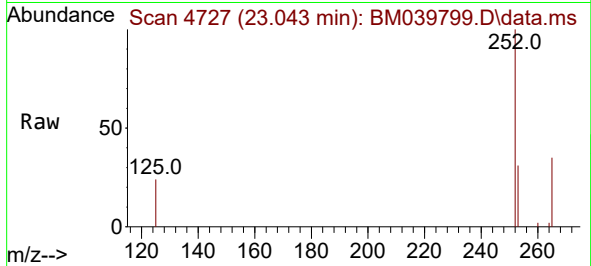




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.043 min Scan# 4727
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

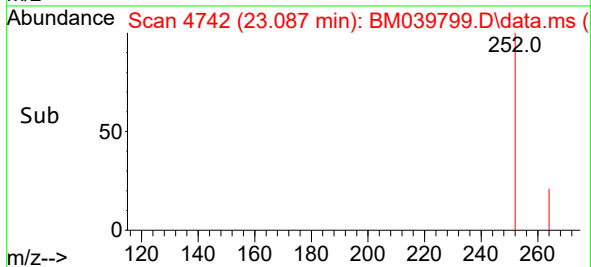
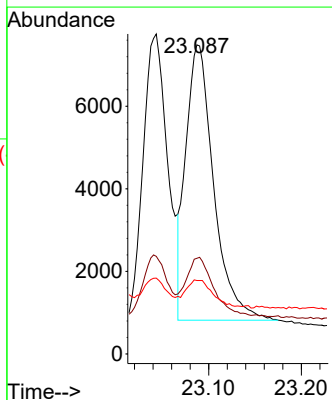
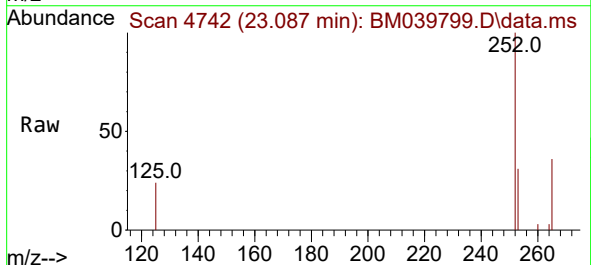
Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

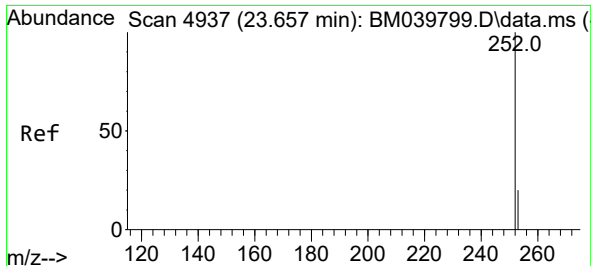
Tgt Ion:252 Resp: 13717
Ion Ratio Lower Upper
252 100
253 30.5 0.0 52.8
125 23.7 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.087 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

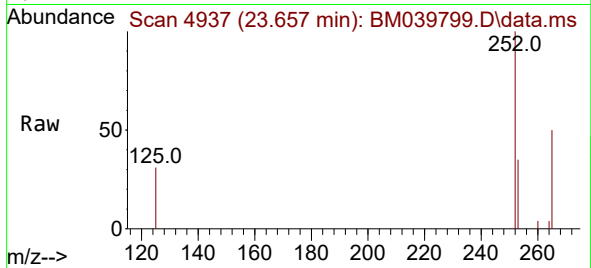
Tgt Ion:252 Resp: 13956
Ion Ratio Lower Upper
252 100
253 30.9 21.3 31.9
125 23.7 13.0 19.6#



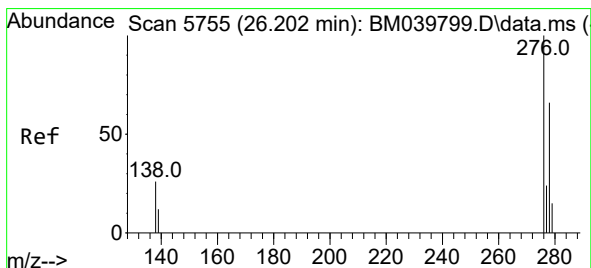
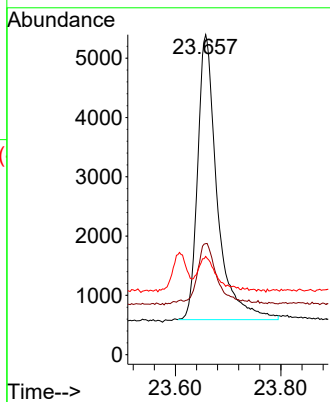
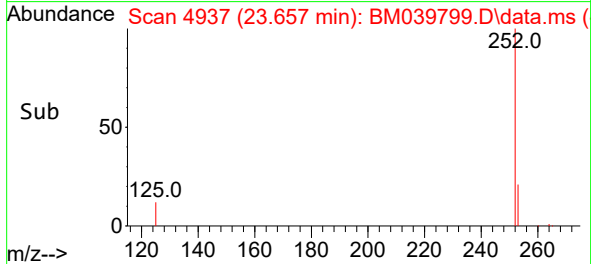


#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.657 min Scan# 4937
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

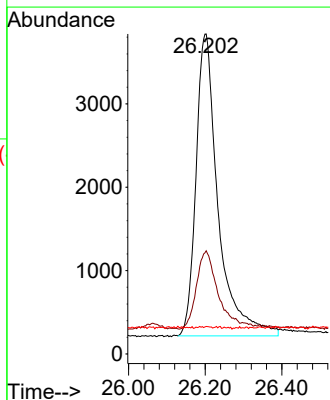
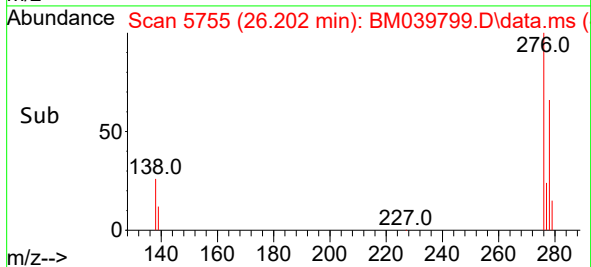
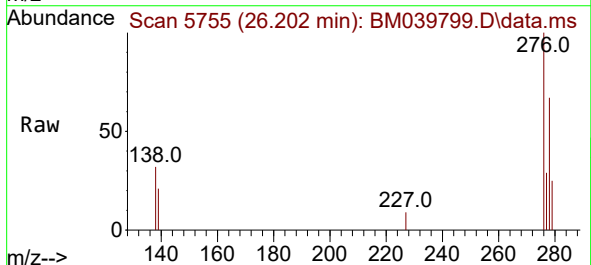


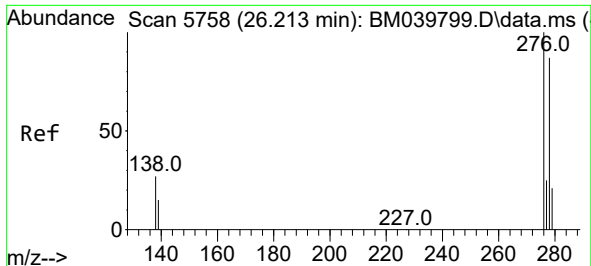
Tgt Ion:252 Resp: 12294
Ion Ratio Lower Upper
252 100
253 34.7 24.7 37.1
125 30.7 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.202 min Scan# 5755
Delta R.T. 0.000 min
Lab File: BM039799.D
Acq: 02 May 2023 13:17

Tgt Ion:276 Resp: 14527
Ion Ratio Lower Upper
276 100
138 26.8 21.1 31.7
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.343 ng/ul

RT: 26.213 min Scan# 5

Delta R.T. 0.000 min

Lab File: BM039799.D

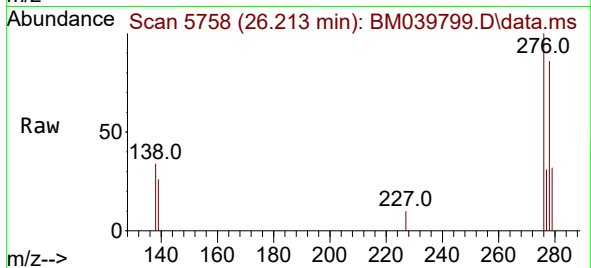
Acq: 02 May 2023 13:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.4094



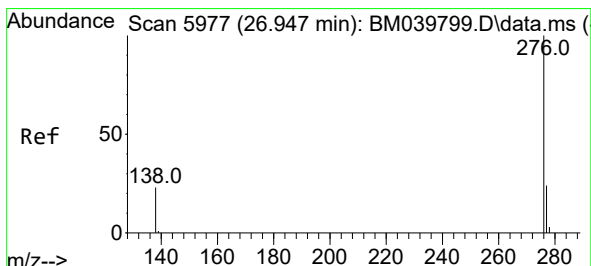
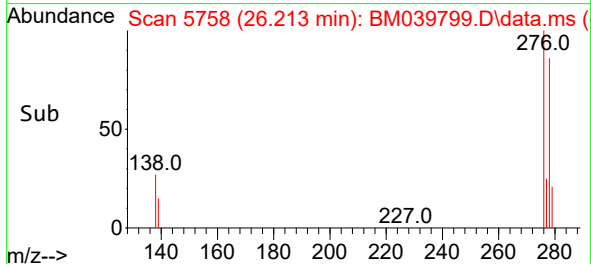
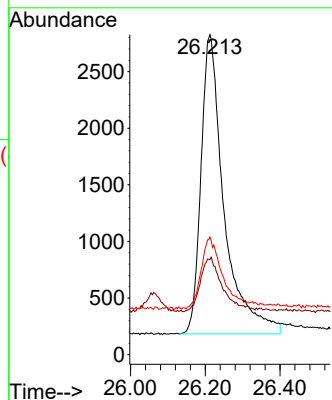
Tgt Ion:278 Resp: 11335

Ion Ratio Lower Upper

278 100

139 29.7 17.0 25.6#

279 36.7 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.338 ng/ul

RT: 26.947 min Scan# 5977

Delta R.T. 0.000 min

Lab File: BM039799.D

Acq: 02 May 2023 13:17

Tgt Ion:276 Resp: 12542

Ion Ratio Lower Upper

276 100

138 30.1 20.1 30.1

277 29.7 20.1 30.1

