

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
 Data File : BM045607.D
 Acq On : 27 Apr 2024 11:42
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4099

Quant Time: Apr 28 22:53:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

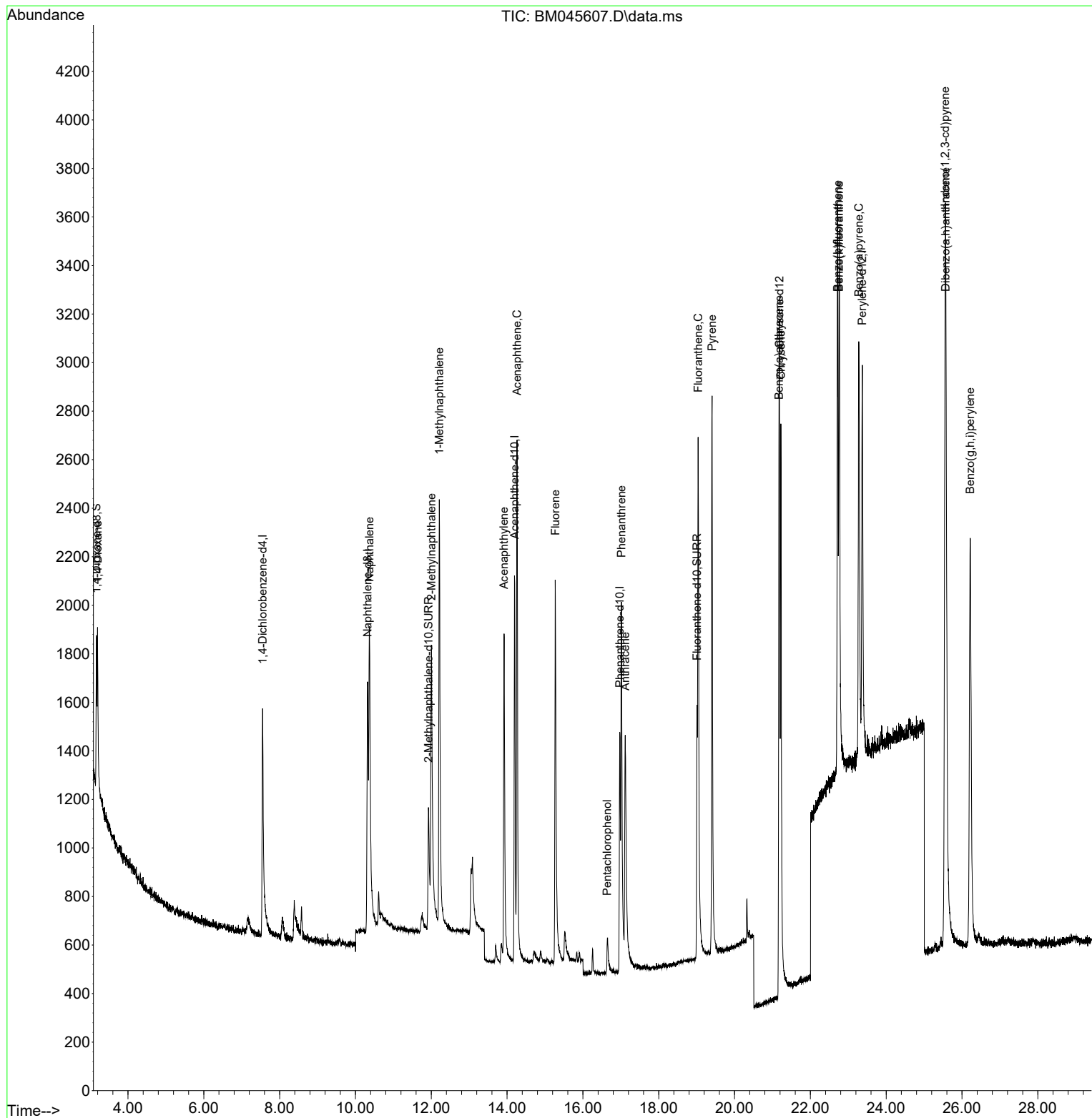
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	889	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	2480	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.201	164	1090	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.972	188	1971	0.400	ng/ul	0.00
17) Chrysene-d12	21.185	240	1533	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	2325	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	478	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1214	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	1710	0.354	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	449	0.392	ng/ul	94
5) Naphthalene	10.369	128	2662	0.400	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	1544	0.406	ng/ul	96
8) 1-Methylnaphthalene	12.212	142	1622	0.380	ng/ul	100
10) Acenaphthylene	13.918	152	2325	0.433	ng/ul	99
11) Acenaphthene	14.261	153	1613	0.404	ng/ul	95
12) Fluorene	15.269	166	1595	0.374	ng/ul	97
14) Pentachlorophenol	16.642	266	176	0.448	ng/ul	96
15) Phenanthrene	17.014	178	2164	0.377	ng/ul	99
16) Anthracene	17.115	178	2163	0.403	ng/ul	100
19) Fluoranthene	19.039	202	2592	0.366	ng/ul	98
20) Pyrene	19.406	202	2764	0.380	ng/ul	99
21) Benzo(a)anthracene	21.170	228	2301	0.470	ng/ul	97
22) Chrysene	21.223	228	2989	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.716	252	3064	0.392	ng/ul	97
25) Benzo(k)fluoranthene	22.760	252	3689	0.373	ng/ul	98
26) Benzo(a)pyrene	23.277	252	3292	0.406	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.555	276	4778	0.405	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.568	278	3693	0.395	ng/ul	98
29) Benzo(g,h,i)perylene	26.216	276	4156	0.392	ng/ul	99

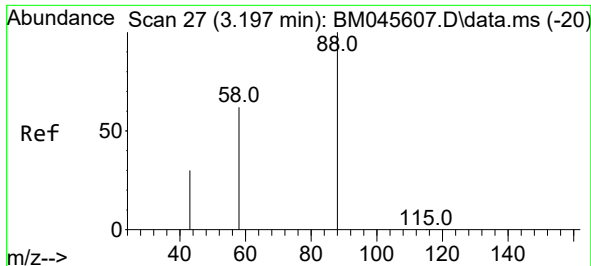
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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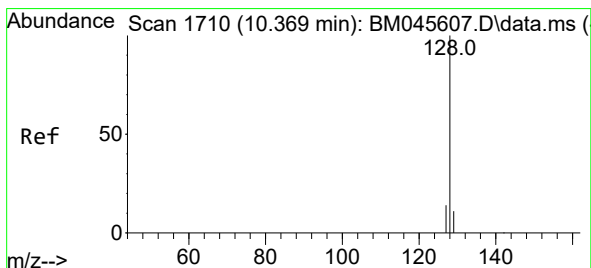
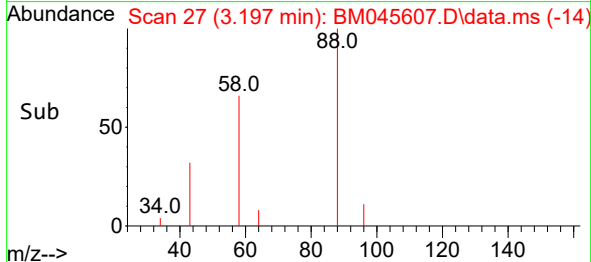
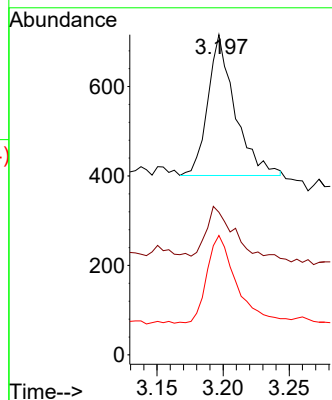
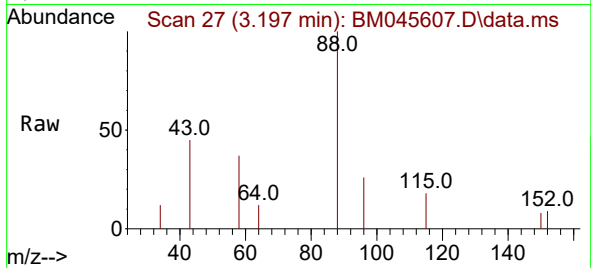




#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.197 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

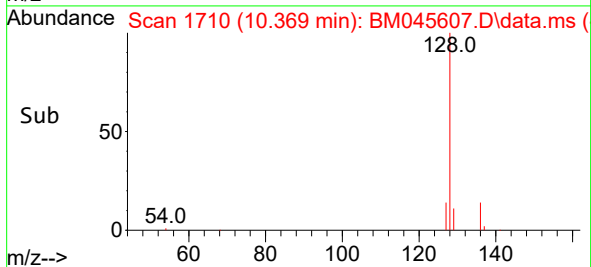
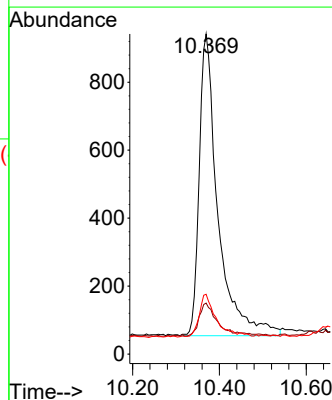
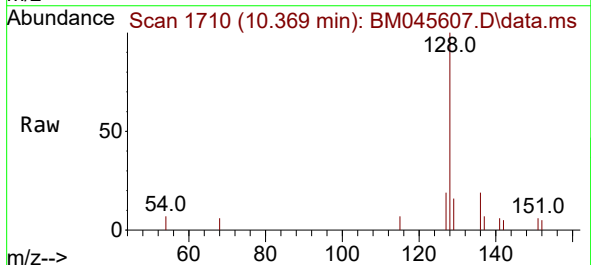
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

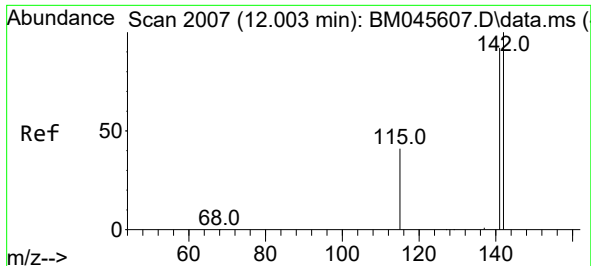
Tgt Ion: 88 Resp: 449
Ion Ratio Lower Upper
88 100
43 44.6 36.8 55.2
58 37.3 35.4 53.2



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.369 min Scan# 1710
Delta R.T. -0.011 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion: 128 Resp: 2662
Ion Ratio Lower Upper
128 100
129 15.9 14.0 21.0
127 18.7 15.4 23.2

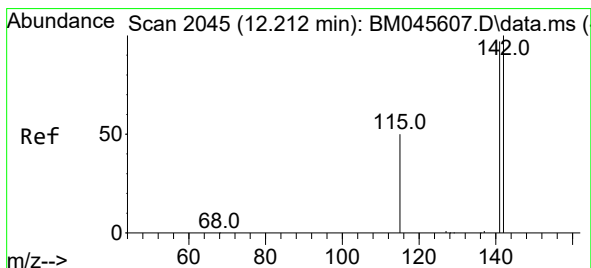
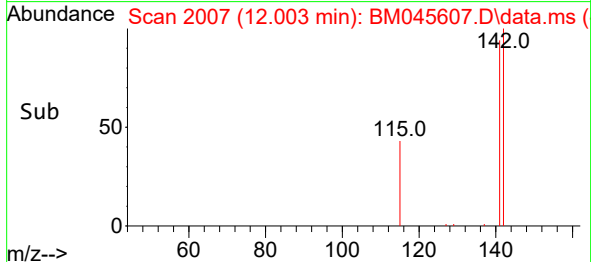
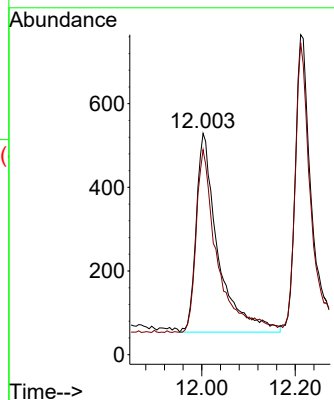
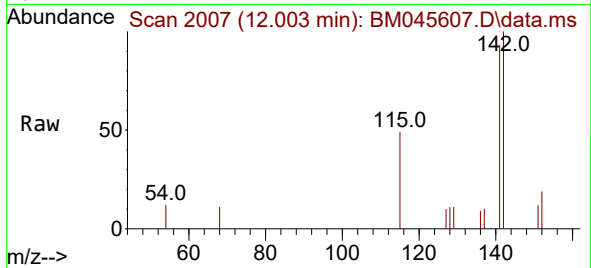




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.003 min Scan# 2007
Delta R.T. -0.005 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

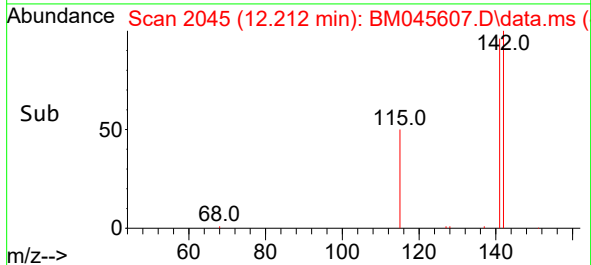
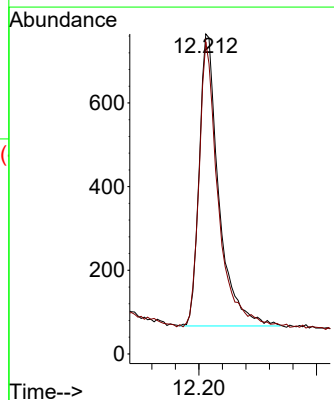
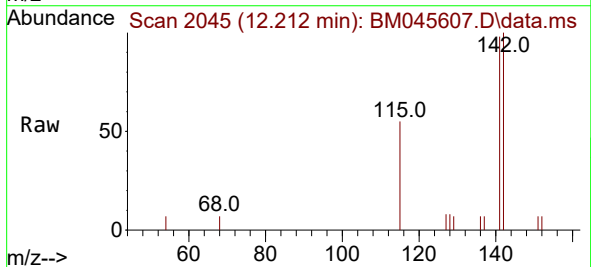
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

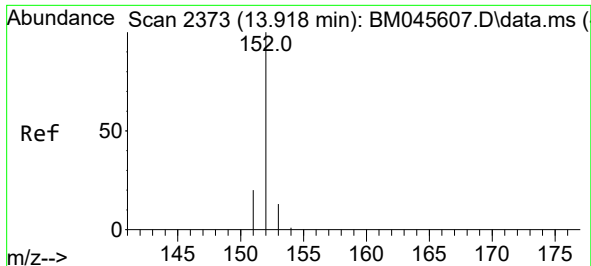
Tgt Ion:142 Resp: 1544
Ion Ratio Lower Upper
142 100
141 89.8 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.212 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion:142 Resp: 1622
Ion Ratio Lower Upper
142 100
141 95.0 76.1 114.1

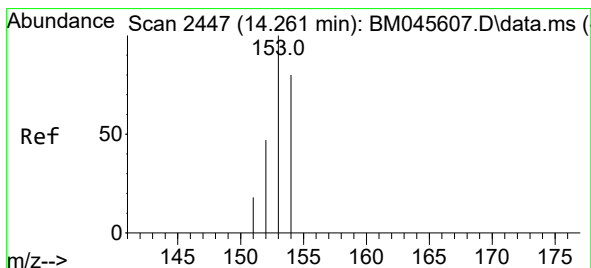
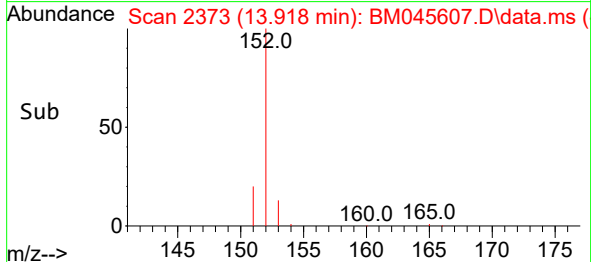
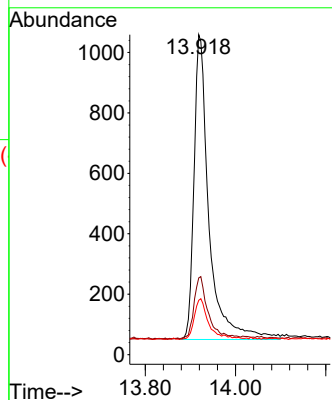
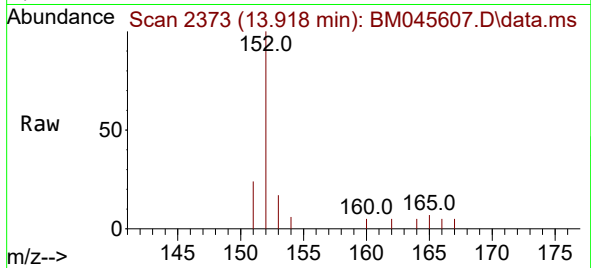




#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 13.918 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

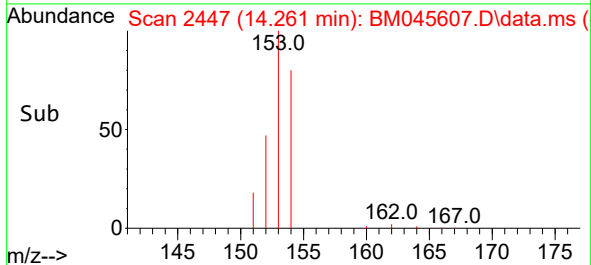
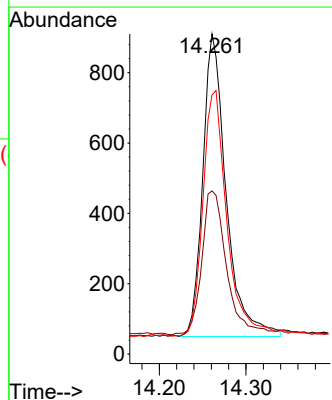
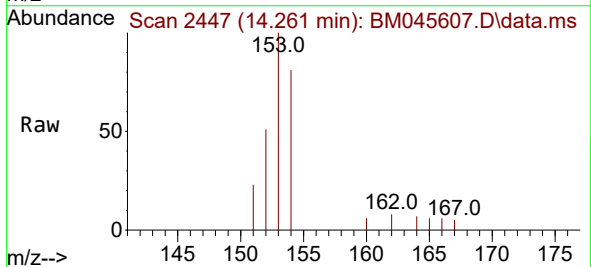
Instrument :
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ClientSampleId :
SSTD0.4099

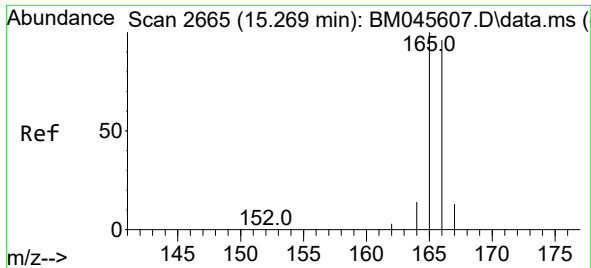
Tgt Ion:152 Resp: 2325
Ion Ratio Lower Upper
152 100
151 24.0 18.6 28.0
153 17.0 14.1 21.1



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion:153 Resp: 1613
Ion Ratio Lower Upper
153 100
152 51.0 43.4 65.2
154 81.0 69.0 103.6

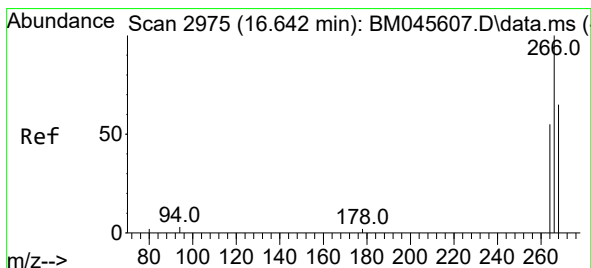
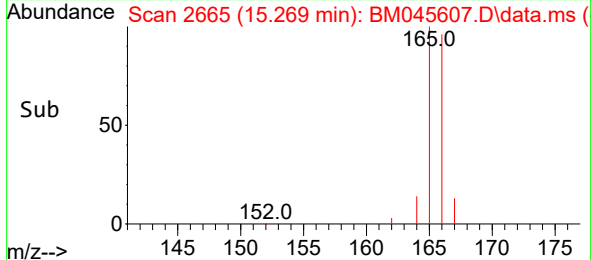
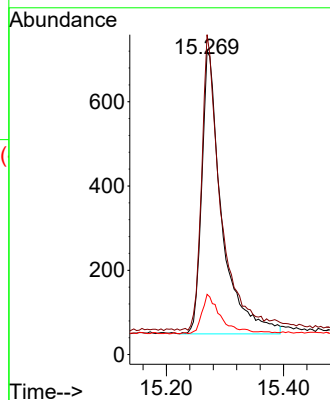
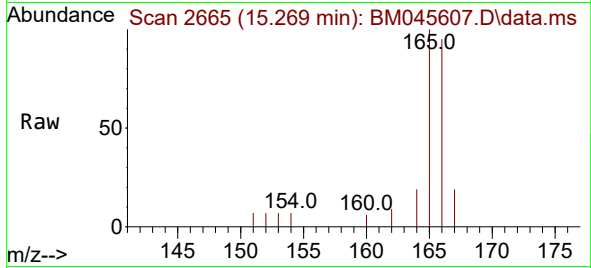




#12
 Fluorene
 Concen: 0.374 ng/ul
 RT: 15.269 min Scan# 2665
 Delta R.T. -0.009 min
 Lab File: BM045607.D
 Acq: 27 Apr 2024 11:42

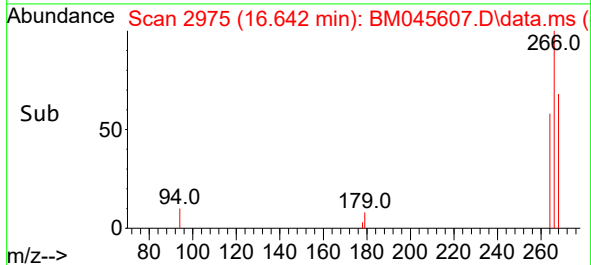
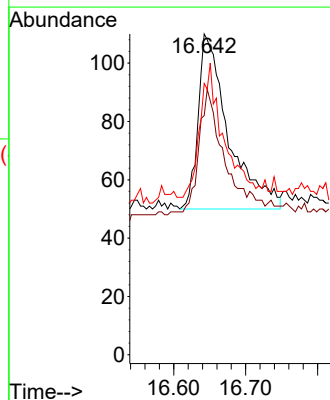
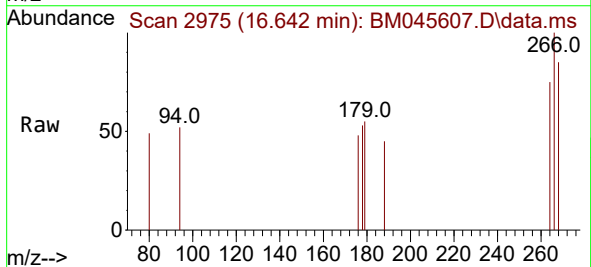
Instrument :
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 ClientSampleId :
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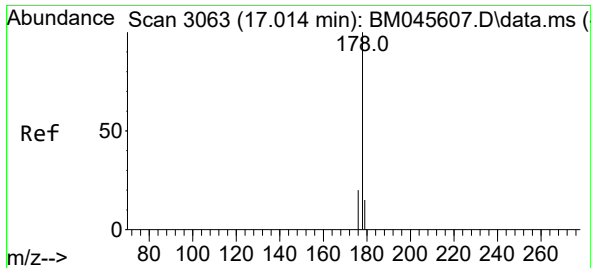
Tgt Ion:	166	Resp:	1595
Ion	Ratio	Lower	Upper
166	100		
165	105.6	82.2	123.2
167	19.9	14.8	22.2



#14
 Pentachlorophenol
 Concen: 0.448 ng/ul
 RT: 16.642 min Scan# 2975
 Delta R.T. -0.008 min
 Lab File: BM045607.D
 Acq: 27 Apr 2024 11:42

Tgt Ion:	266	Resp:	176
Ion	Ratio	Lower	Upper
266	100		
264	60.2	45.5	68.3
268	67.0	56.1	84.1

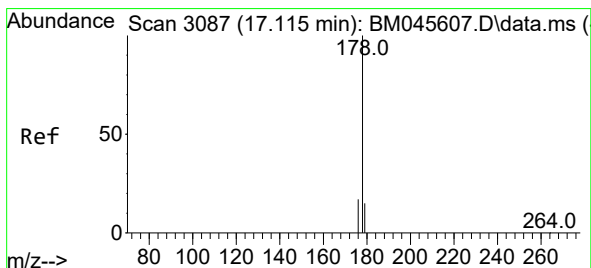
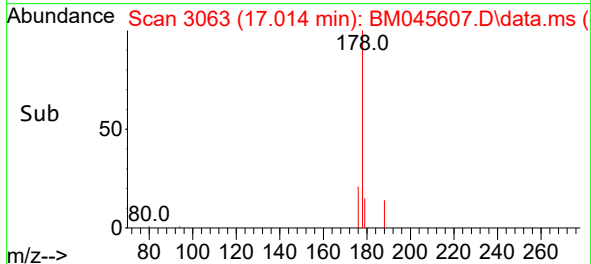
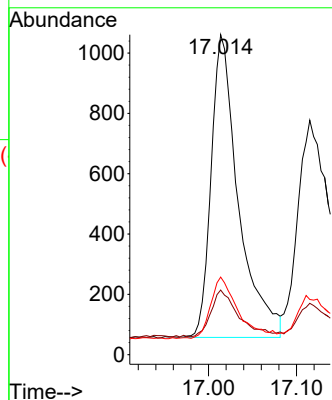
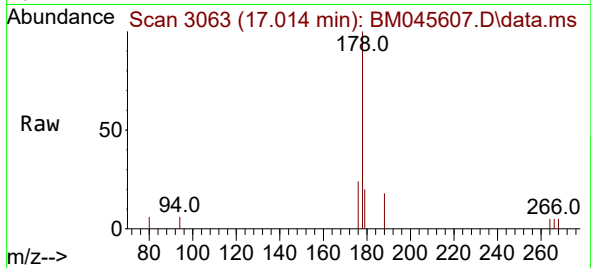




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.014 min Scan# 3063
Delta R.T. -0.008 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

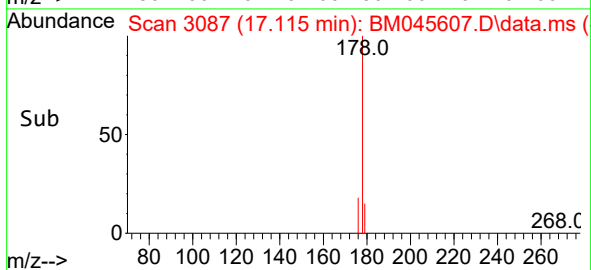
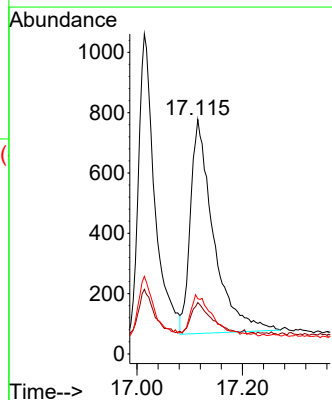
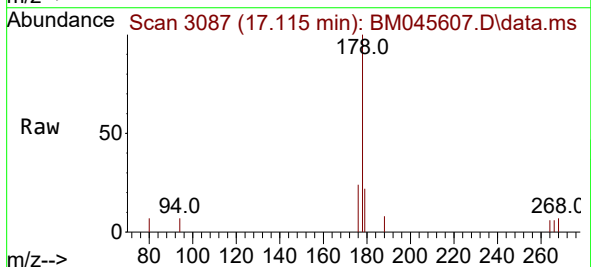
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ClientSampleId :
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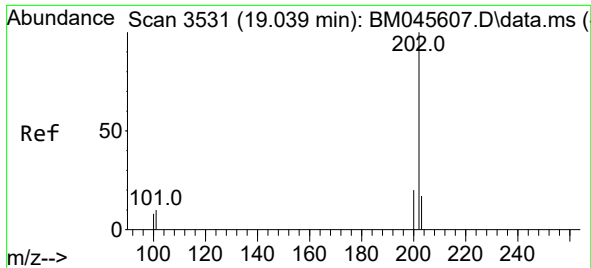
Tgt Ion:	178	Resp:	2164
Ion	Ratio	Lower	Upper
178	100		
179	20.2	15.4	23.2
176	24.2	19.0	28.4



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.115 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion:	178	Resp:	2163
Ion	Ratio	Lower	Upper
178	100		
179	21.9	17.8	26.6
176	23.6	18.7	28.1

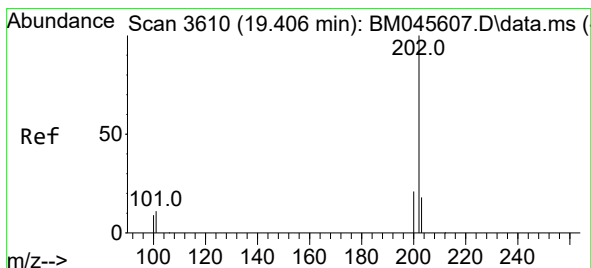
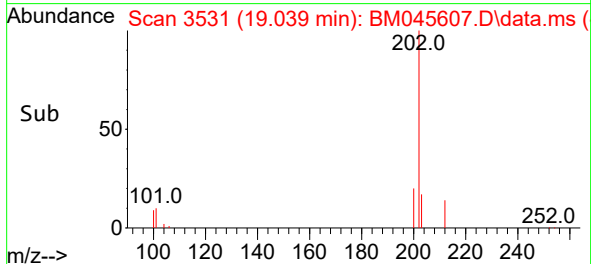
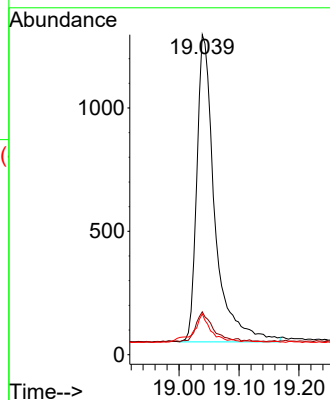
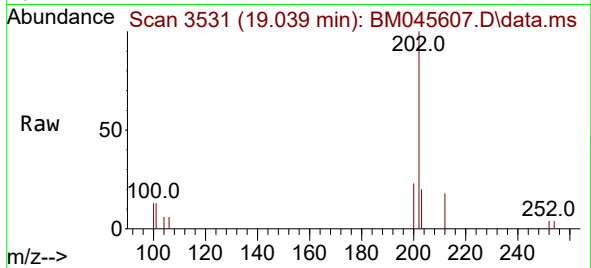




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

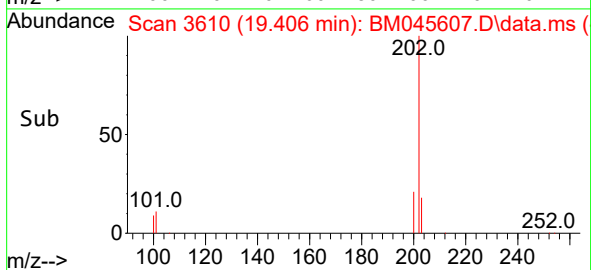
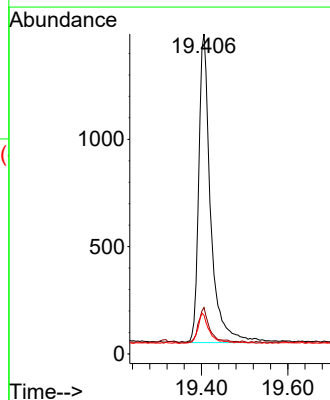
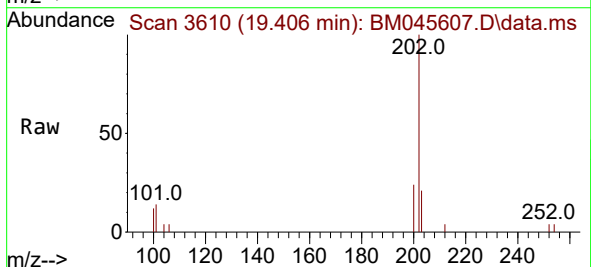
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SSTD0.4099

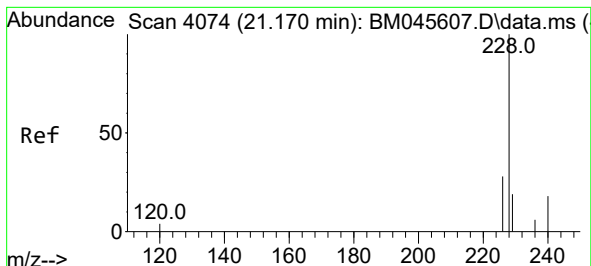
Tgt Ion:202 Resp: 2592
Ion Ratio Lower Upper
202 100
101 13.4 11.2 16.8
100 12.7 9.1 13.7



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.406 min Scan# 3610
Delta R.T. -0.009 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion:202 Resp: 2764
Ion Ratio Lower Upper
202 100
101 14.5 11.5 17.3
100 12.1 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.470 ng/ul

RT: 21.170 min Scan# 4074

Delta R.T. -0.011 min

Lab File: BM045607.D

Acq: 27 Apr 2024 11:42

Instrument :

BNA_M

ClientSampleId :

SSTD0.4099

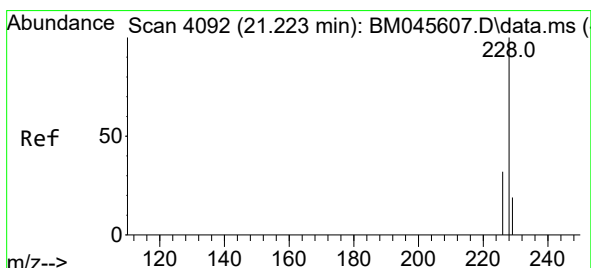
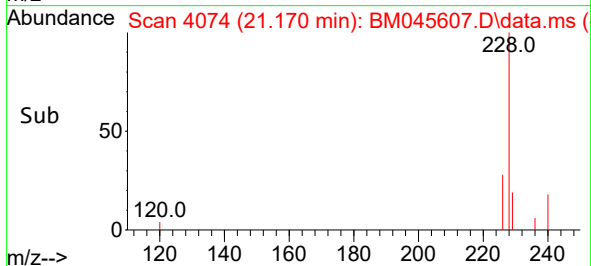
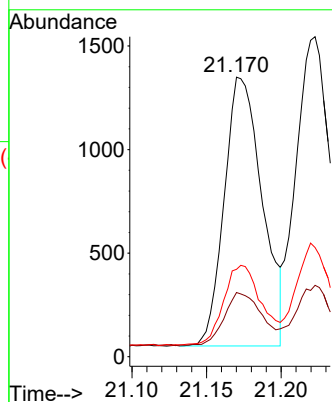
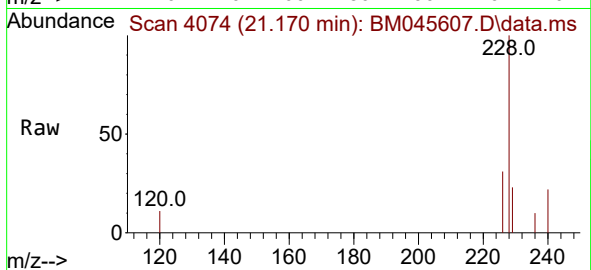
Tgt Ion:228 Resp: 2301

Ion Ratio Lower Upper

228 100

229 23.0 19.4 29.2

226 31.3 26.3 39.5



#22

Chrysene

Concen: 0.397 ng/ul

RT: 21.223 min Scan# 4092

Delta R.T. -0.005 min

Lab File: BM045607.D

Acq: 27 Apr 2024 11:42

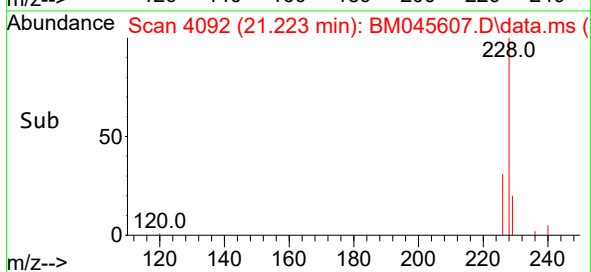
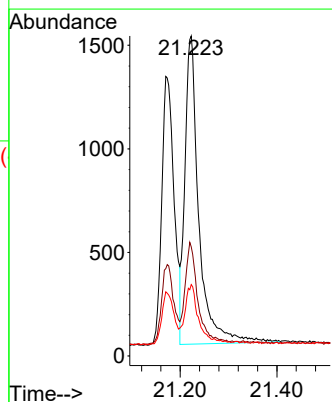
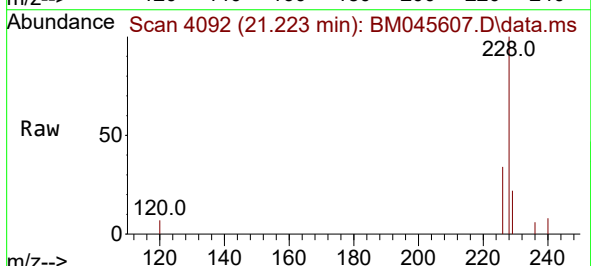
Tgt Ion:228 Resp: 2989

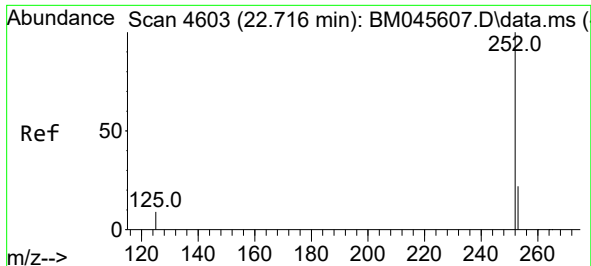
Ion Ratio Lower Upper

228 100

226 34.1 26.3 39.5

229 22.3 17.8 26.8

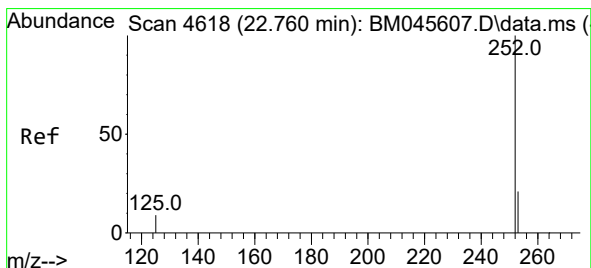
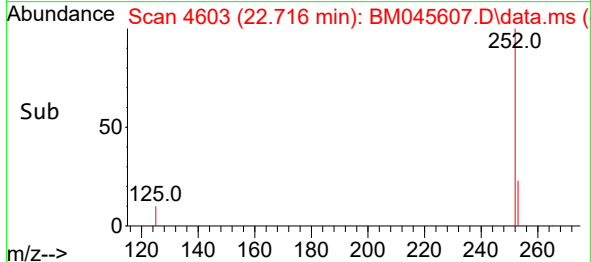
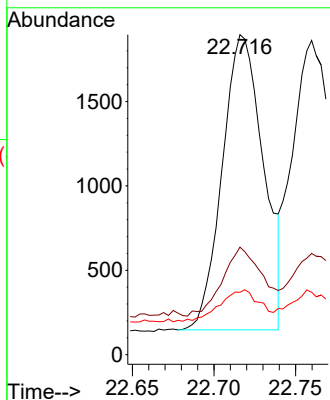
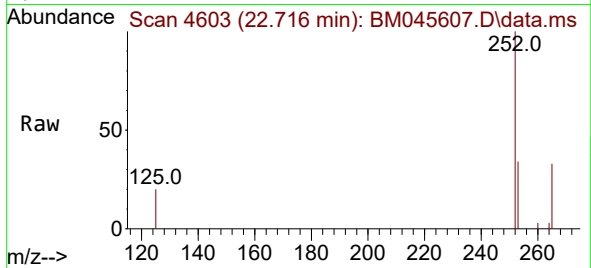




#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 22.716 min Scan# 4603
Delta R.T. -0.014 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

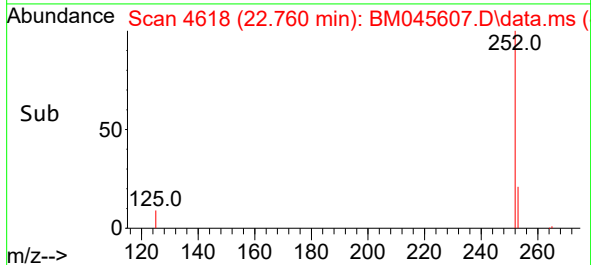
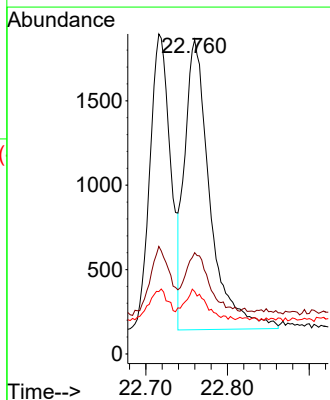
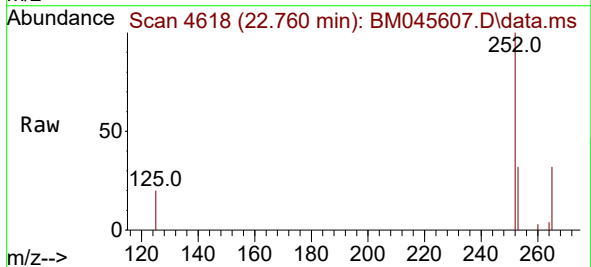
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

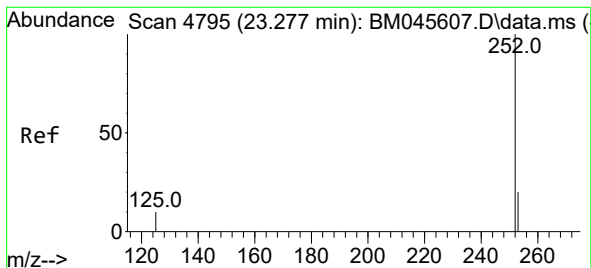
Tgt Ion:252 Resp: 3064
Ion Ratio Lower Upper
252 100
253 33.6 0.0 63.4
125 19.5 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 22.760 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion:252 Resp: 3689
Ion Ratio Lower Upper
252 100
253 32.2 25.4 38.0
125 19.9 14.8 22.2

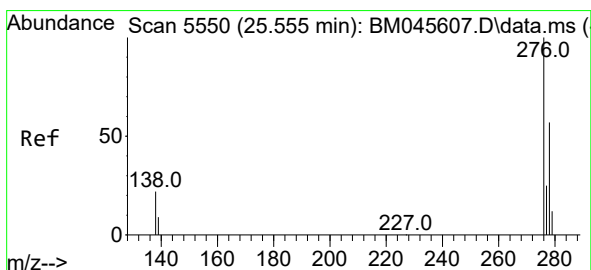
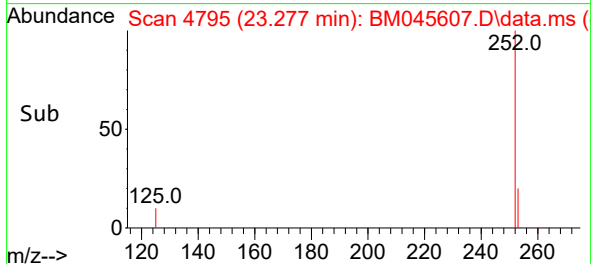
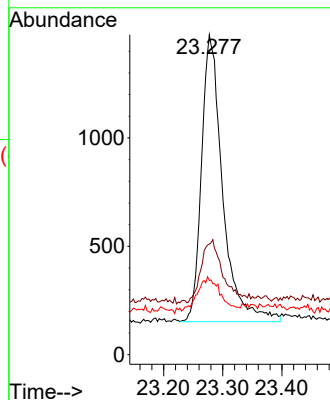
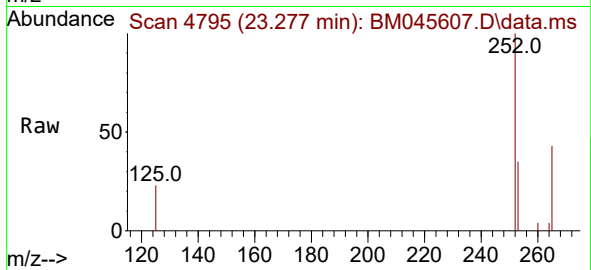




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.277 min Scan# 4795
Delta R.T. -0.014 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

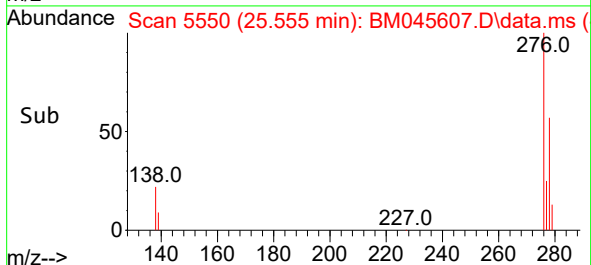
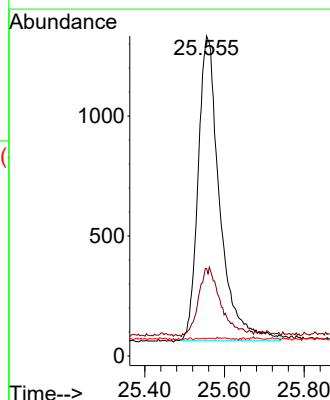
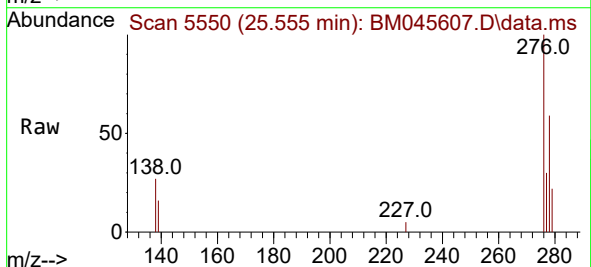
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

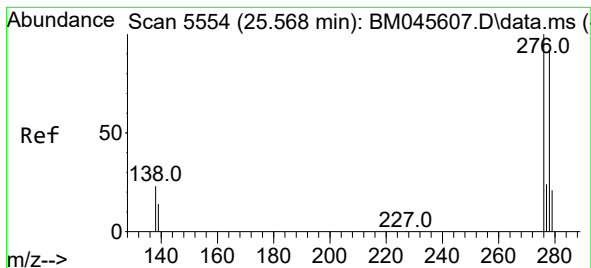
Tgt Ion:252 Resp: 3292
Ion Ratio Lower Upper
252 100
253 34.6 31.6 47.4
125 23.2 19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 25.555 min Scan# 5550
Delta R.T. -0.016 min
Lab File: BM045607.D
Acq: 27 Apr 2024 11:42

Tgt Ion:276 Resp: 4778
Ion Ratio Lower Upper
276 100
138 23.4 19.8 29.6
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.395 ng/ul

RT: 25.568 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM045607.D

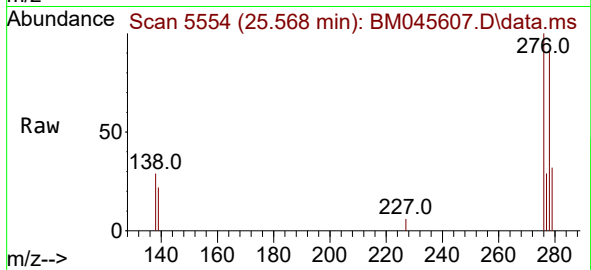
Acq: 27 Apr 2024 11:42

Instrument :

BNA_M

ClientSampleId :

SSTD0.4099



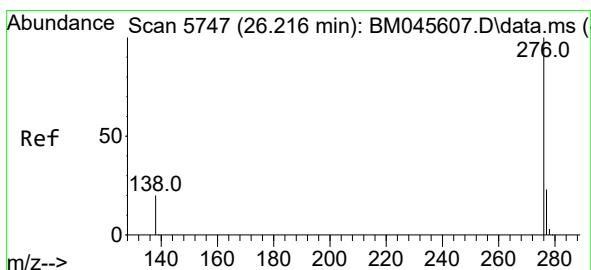
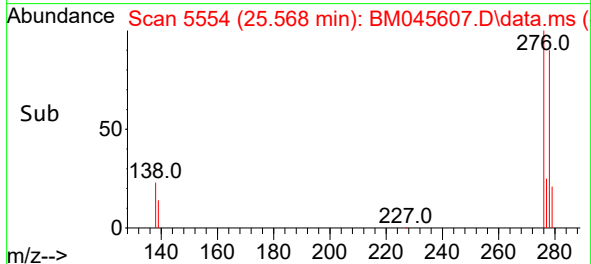
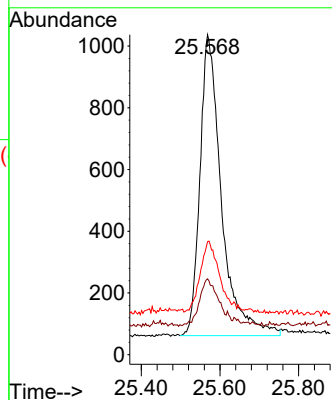
Tgt Ion:278 Resp: 3693

Ion Ratio Lower Upper

278 100

139 23.7 19.0 28.6

279 35.3 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.392 ng/ul

RT: 26.216 min Scan# 5747

Delta R.T. -0.020 min

Lab File: BM045607.D

Acq: 27 Apr 2024 11:42

Tgt Ion:276 Resp: 4156

Ion Ratio Lower Upper

276 100

138 25.6 20.8 31.2

277 27.6 21.8 32.8

