

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045534.D
 Acq On : 24 Apr 2024 19:27
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4092

Quant Time: Apr 24 23:49:56 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

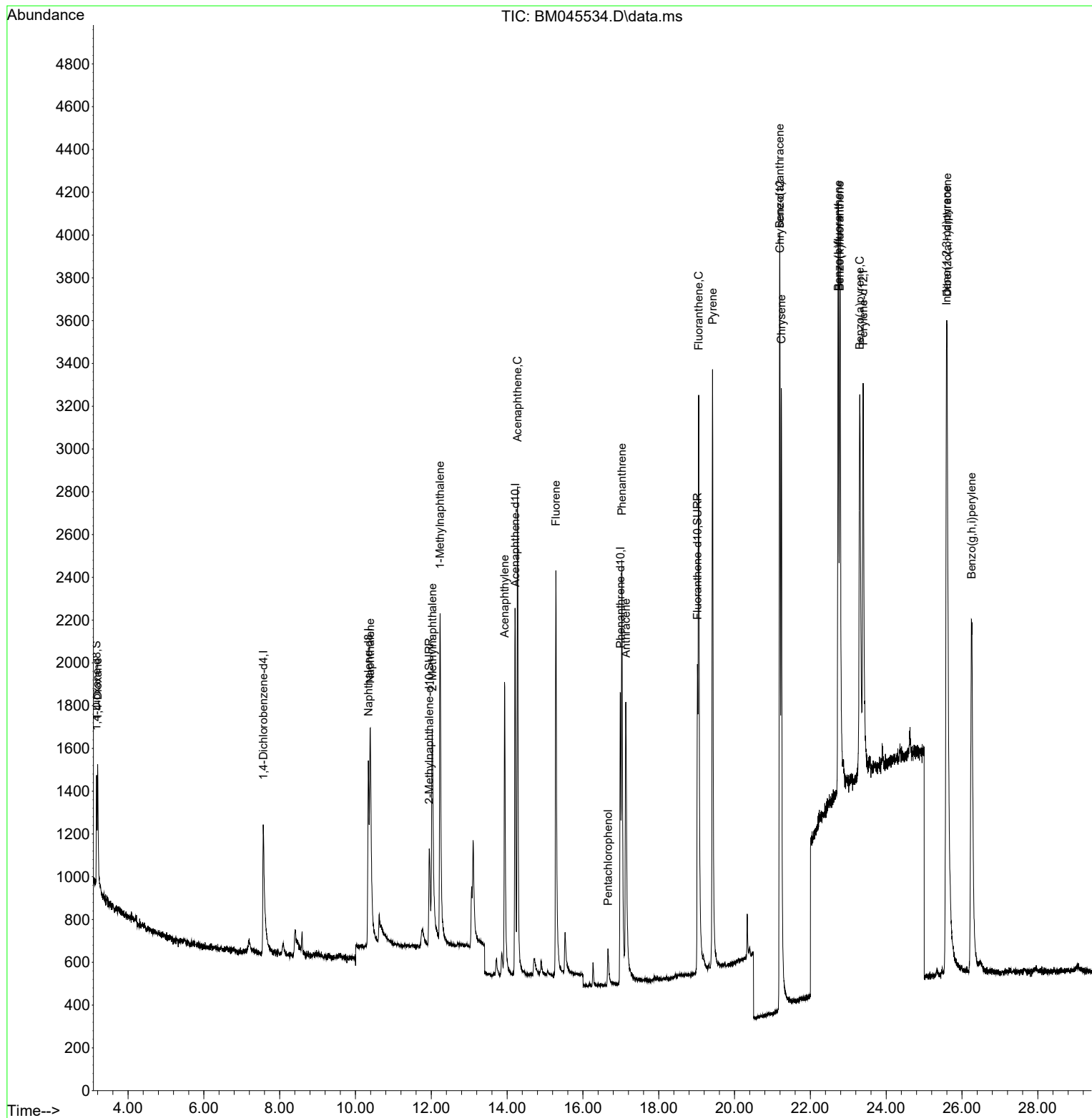
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	657	0.400	ng/ul	0.00
4) Naphthalene-d8	10.341	136	2230	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.215	164	1208	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	2547	0.400	ng/ul	0.00
17) Chrysene-d12	21.198	240	2124	0.400	ng/ul	# 0.00
23) Perylene-d12	23.396	264	3078	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	386	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	1175	0.400	ng/ul	0.02
18) Fluoranthene-d10	19.020	212	2302	0.344	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.201	88	446	0.526	ng/ul#	74
5) Naphthalene	10.391	128	2276	0.380	ng/ul	98
7) 2-Methylnaphthalene	12.030	142	1373	0.401	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1499	0.391	ng/ul	100
10) Acenaphthylene	13.933	152	2333	0.392	ng/ul	99
11) Acenaphthene	14.275	153	1693	0.383	ng/ul	98
12) Fluorene	15.288	166	1810	0.382	ng/ul	98
14) Pentachlorophenol	16.664	266	195	0.384	ng/ul	96
15) Phenanthrene	17.027	178	2754	0.371	ng/ul	99
16) Anthracene	17.132	178	2616	0.377	ng/ul	98
19) Fluoranthene	19.053	202	3252	0.332	ng/ul	99
20) Pyrene	19.420	202	3438	0.341	ng/ul	98
21) Benzo(a)anthracene	21.189	228	2769	0.408	ng/ul	97
22) Chrysene	21.233	228	3655	0.350	ng/ul	99
24) Benzo(b)fluoranthene	22.735	252	3818	0.369	ng/ul	99
25) Benzo(k)fluoranthene	22.779	252	4442	0.340	ng/ul	99
26) Benzo(a)pyrene	23.305	252	3986	0.371	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.591	276	5537	0.355	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.607	278	4290	0.347	ng/ul	98
29) Benzo(g,h,i)perylene	26.255	276	4673	0.333	ng/ul	97

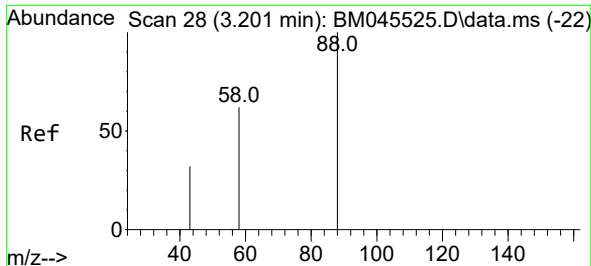
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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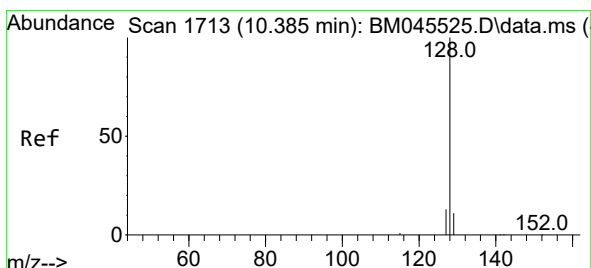
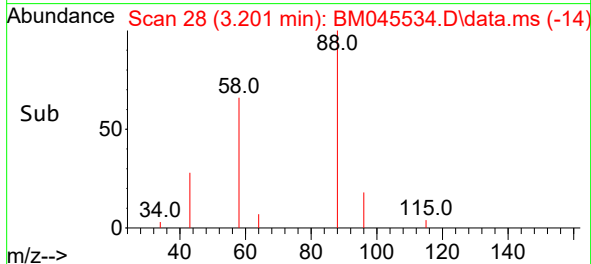
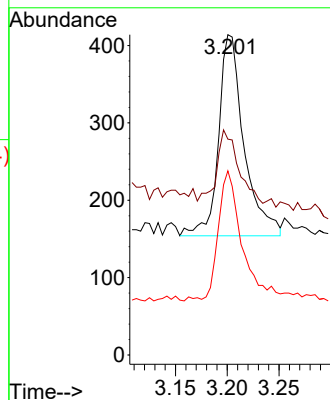
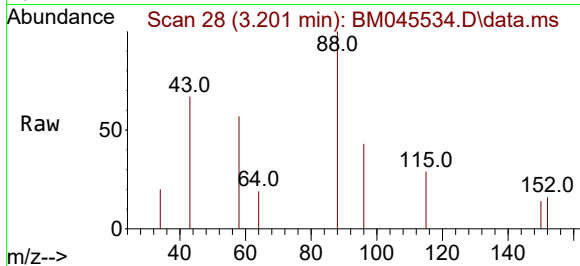




#2
1,4-Dioxane
Concen: 0.526 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

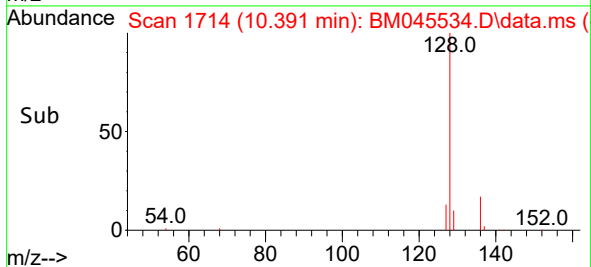
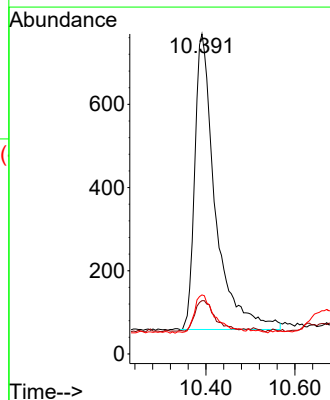
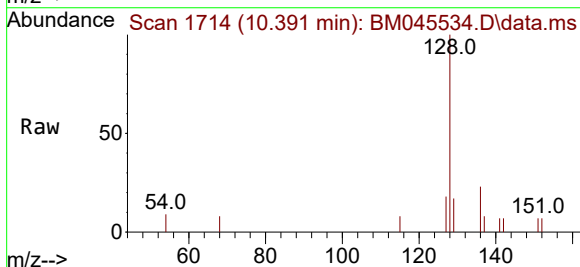
Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

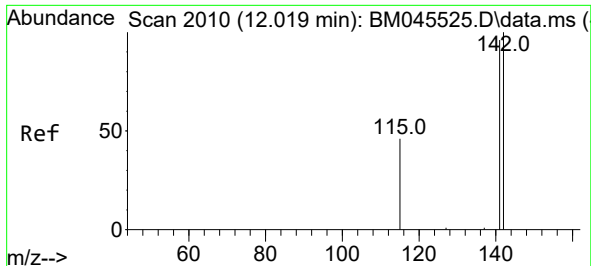
Tgt Ion: 88 Resp: 446
Ion Ratio Lower Upper
88 100
43 67.4 36.8 55.2#
58 57.5 35.4 53.2#



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.391 min Scan# 1714
Delta R.T. 0.011 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

Tgt Ion: 128 Resp: 2276
Ion Ratio Lower Upper
128 100
129 16.6 14.0 21.0
127 18.5 15.4 23.2

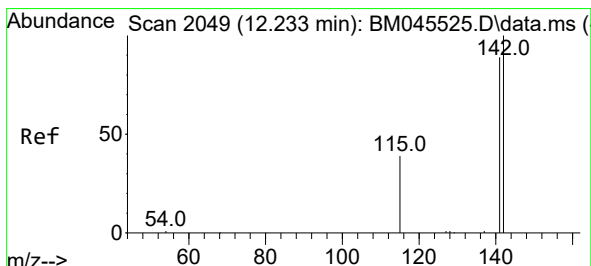
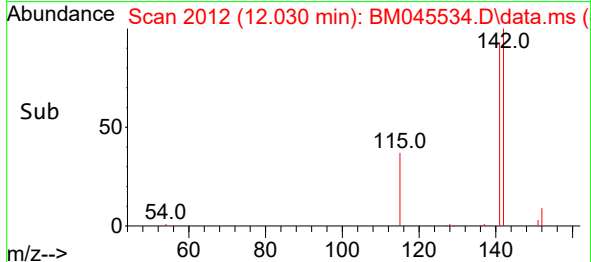
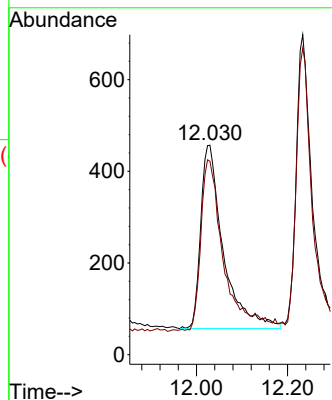
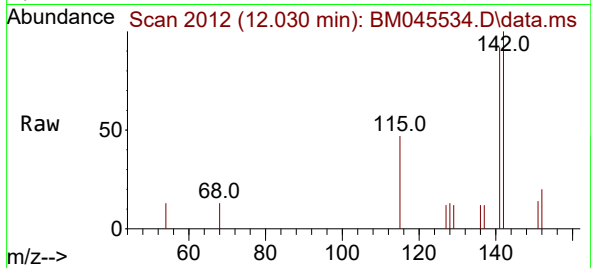




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.030 min Scan# 2010
Delta R.T. 0.022 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

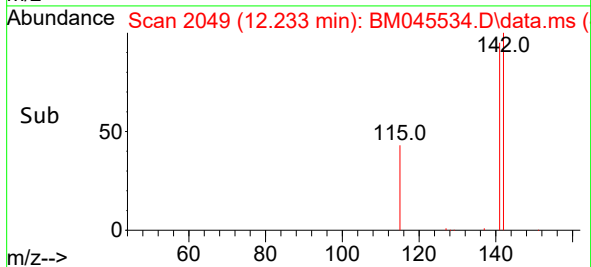
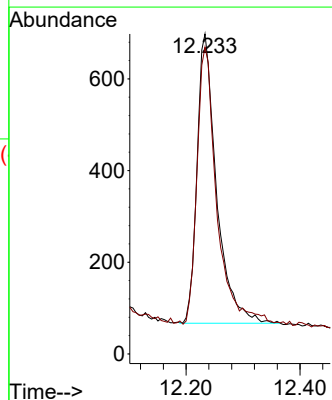
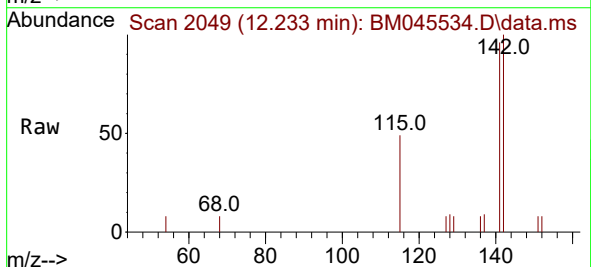
Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

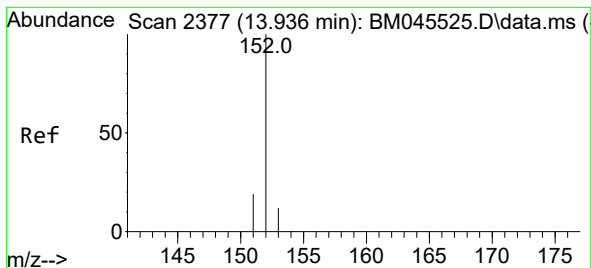
Tgt Ion:142 Resp: 1373
Ion Ratio Lower Upper
142 100
141 95.2 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. 0.011 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

Tgt Ion:142 Resp: 1499
Ion Ratio Lower Upper
142 100
141 95.3 76.1 114.1





#10

Acenaphthylene

Concen: 0.392 ng/ul

RT: 13.933 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.4092

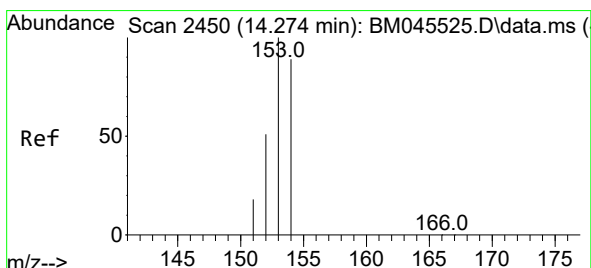
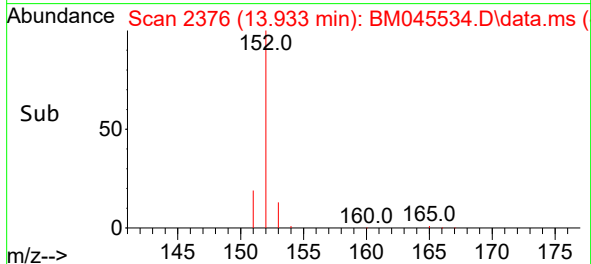
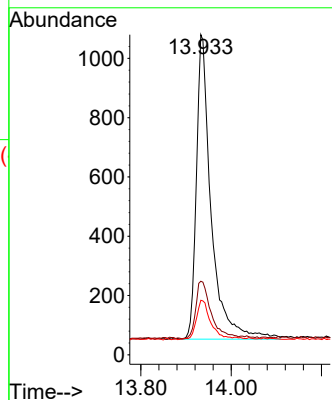
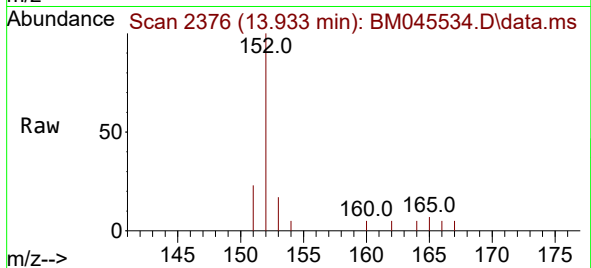
Tgt Ion:152 Resp: 2333

Ion Ratio Lower Upper

152 100

151 23.0 18.6 28.0

153 17.0 14.1 21.1



#11

Acenaphthene

Concen: 0.383 ng/ul

RT: 14.275 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

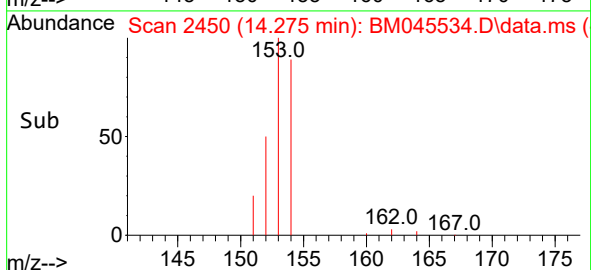
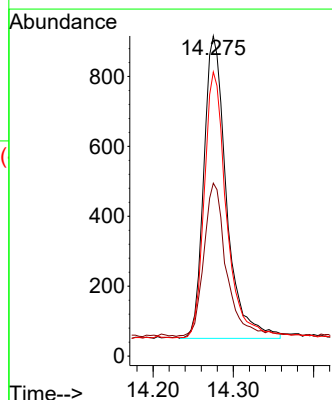
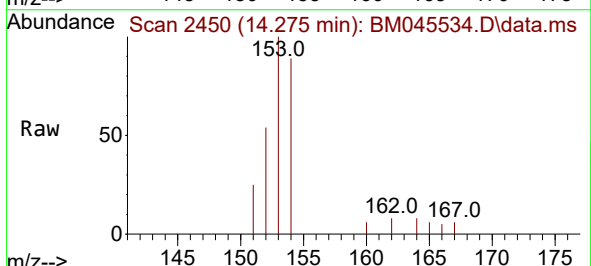
Tgt Ion:153 Resp: 1693

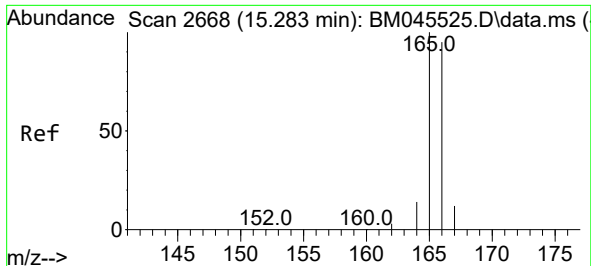
Ion Ratio Lower Upper

153 100

152 54.0 43.4 65.2

154 88.8 69.0 103.6

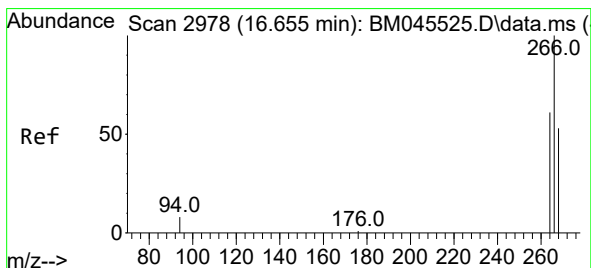
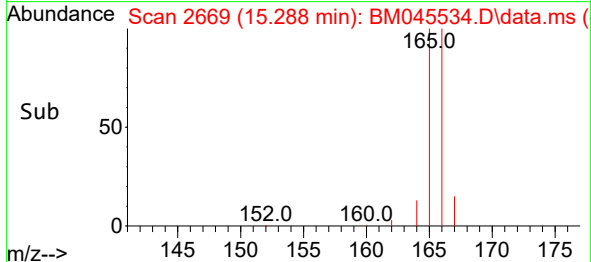
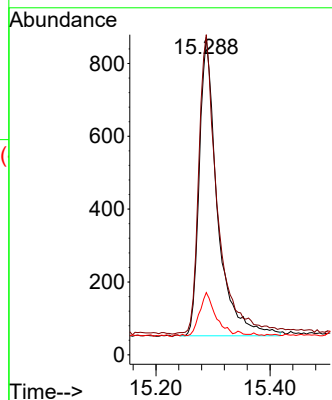
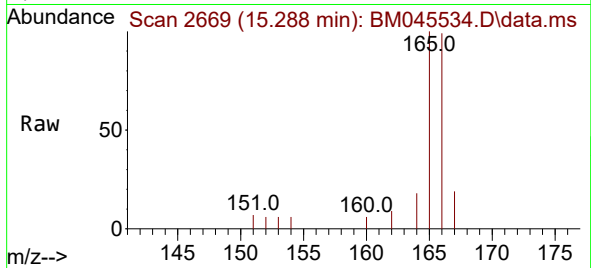




#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.288 min Scan# 20
Delta R.T. 0.010 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

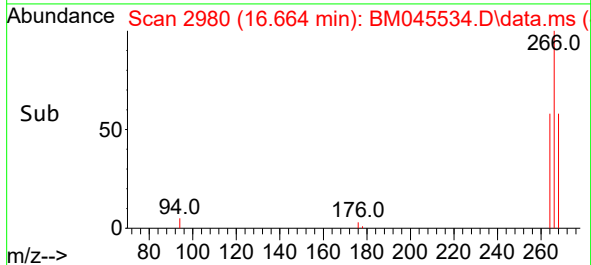
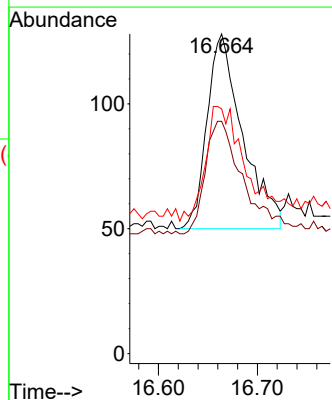
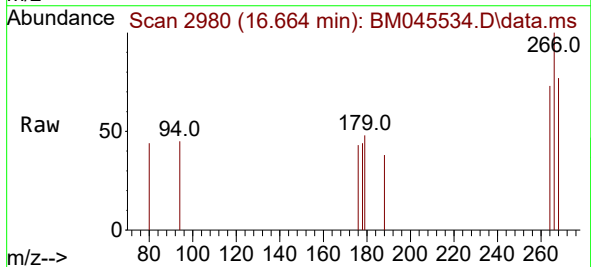
Instrument :
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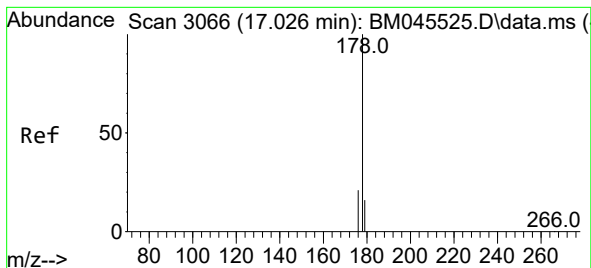
Tgt Ion:166 Resp: 1810
Ion Ratio Lower Upper
166 100
165 100.8 82.2 123.2
167 19.6 14.8 22.2



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 16.664 min Scan# 2980
Delta R.T. 0.014 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

Tgt Ion:266 Resp: 195
Ion Ratio Lower Upper
266 100
264 63.6 45.5 68.3
268 70.3 56.1 84.1





#15

Phenanthrene

Concen: 0.371 ng/ul

RT: 17.027 min Scan# 3066

Delta R.T. 0.005 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.4092

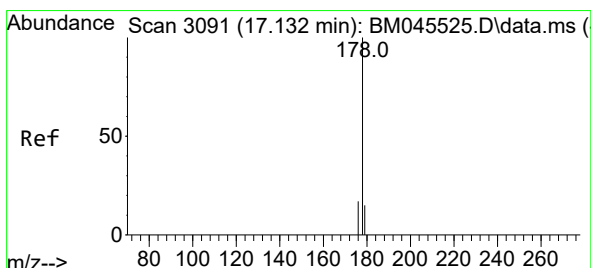
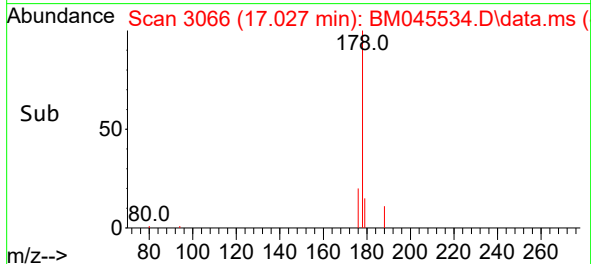
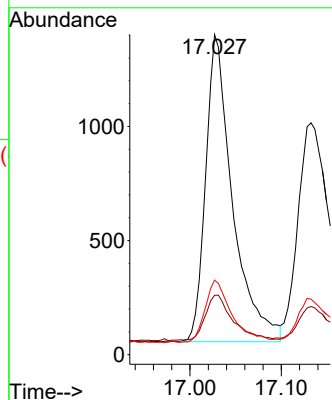
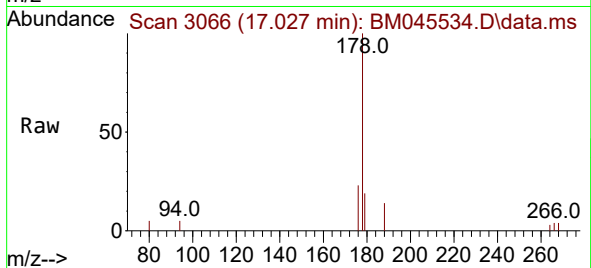
Tgt Ion:178 Resp: 2754

Ion Ratio Lower Upper

178 100

179 18.5 15.4 23.2

176 23.3 19.0 28.4



#16

Anthracene

Concen: 0.377 ng/ul

RT: 17.132 min Scan# 3091

Delta R.T. 0.014 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

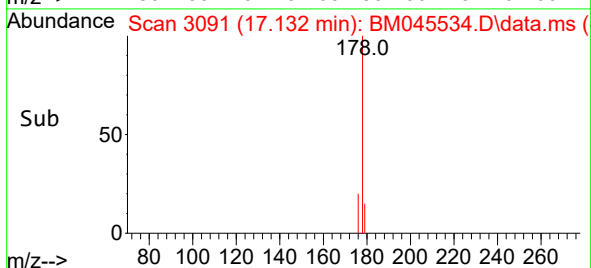
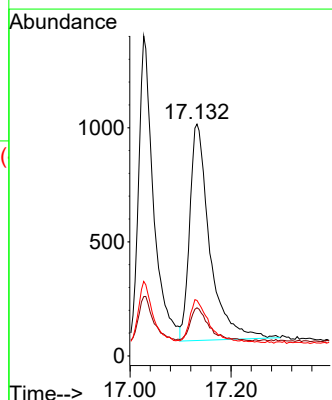
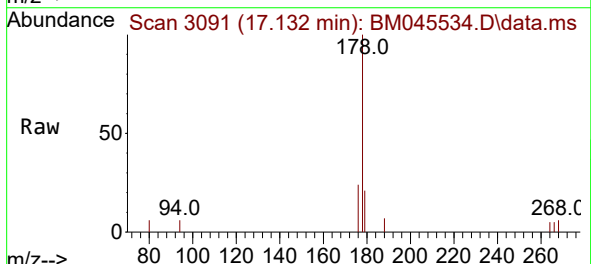
Tgt Ion:178 Resp: 2616

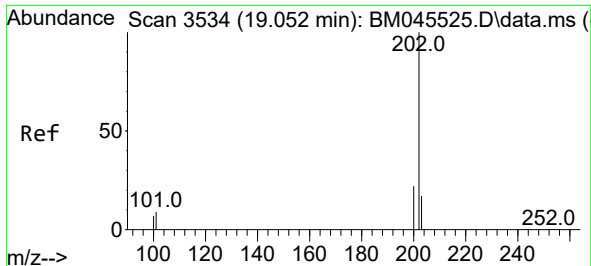
Ion Ratio Lower Upper

178 100

179 20.8 17.8 26.6

176 23.9 18.7 28.1

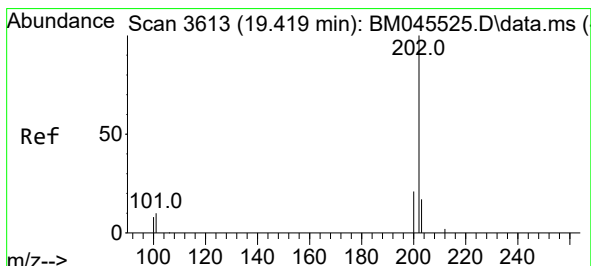
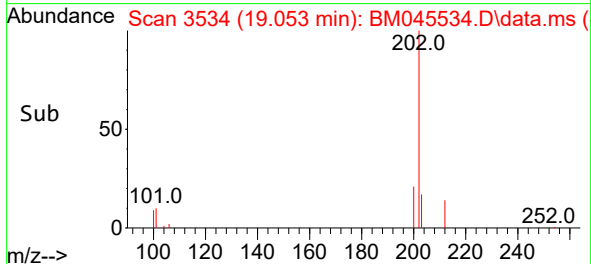
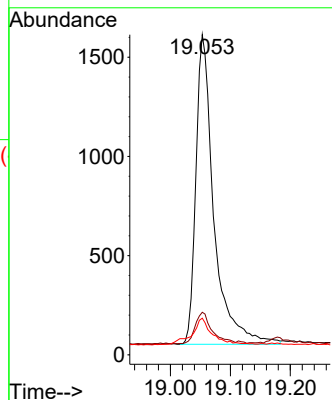
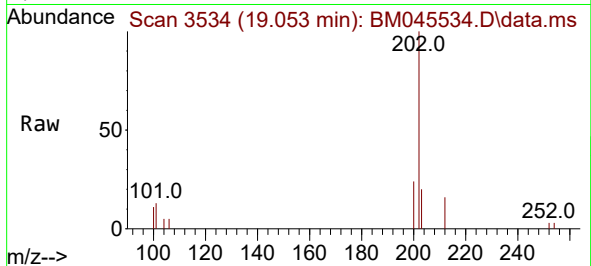




#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.053 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

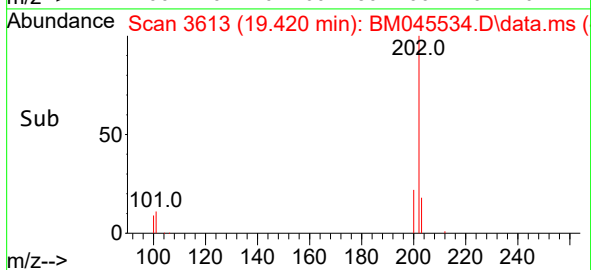
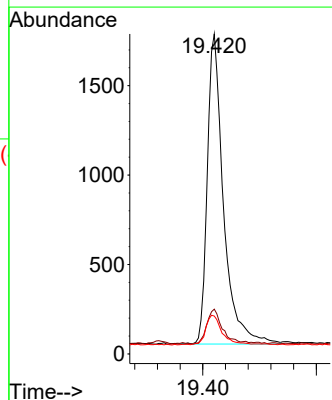
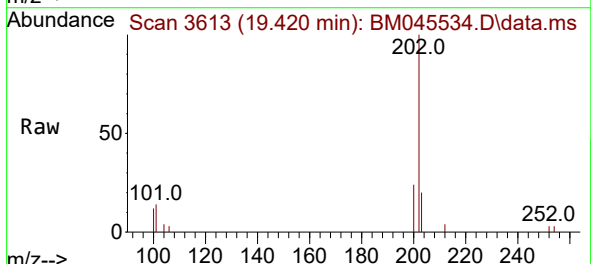
Instrument :
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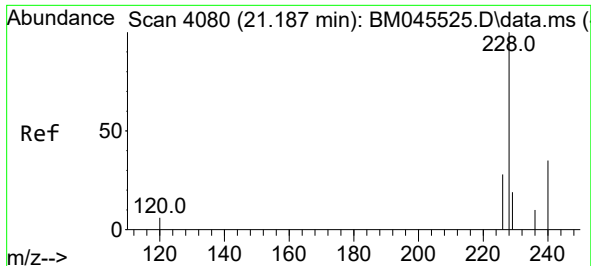
Tgt Ion:202 Resp: 3252
Ion Ratio Lower Upper
202 100
101 13.3 11.2 16.8
100 11.4 9.1 13.7



#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.420 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

Tgt Ion:202 Resp: 3438
Ion Ratio Lower Upper
202 100
101 14.0 11.5 17.3
100 11.9 10.6 15.8

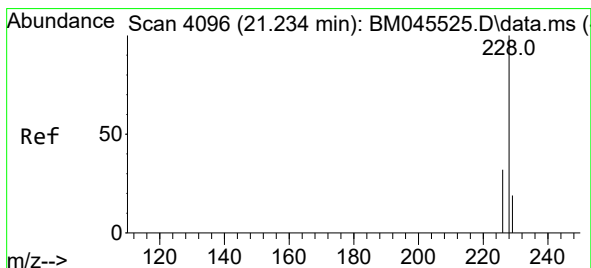
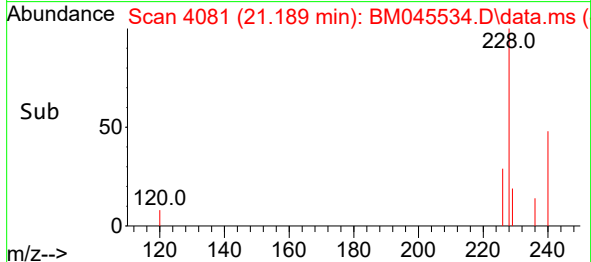
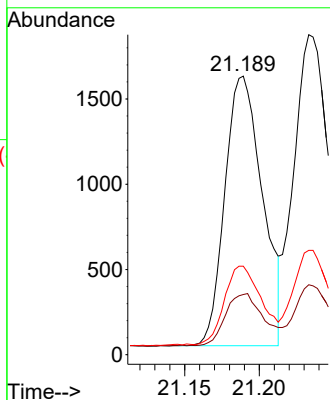
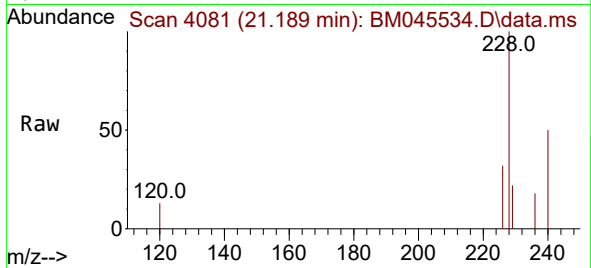




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.189 min Scan# 4080
Delta R.T. 0.008 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

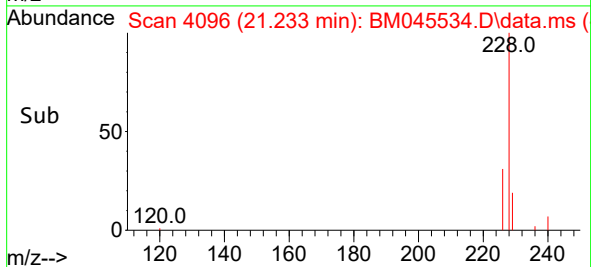
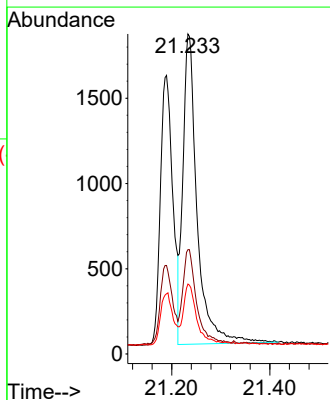
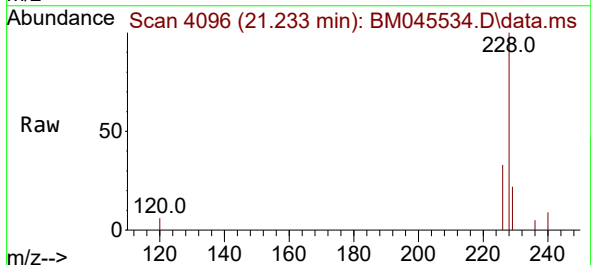
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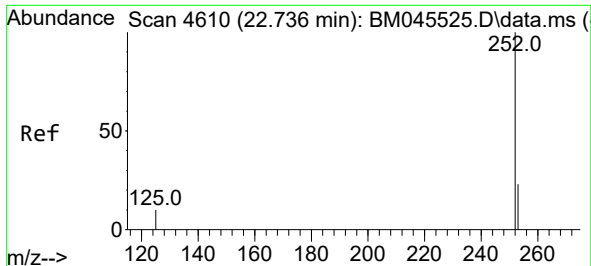
Tgt Ion:228 Resp: 2769
Ion Ratio Lower Upper
228 100
229 21.6 19.4 29.2
226 31.8 26.3 39.5



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.233 min Scan# 4096
Delta R.T. 0.005 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

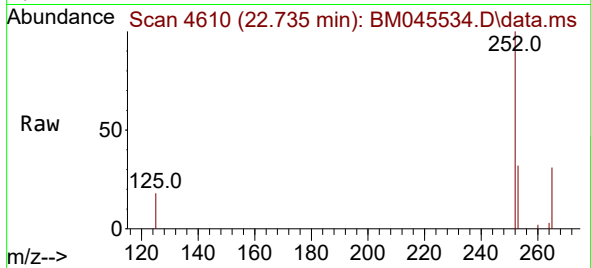
Tgt Ion:228 Resp: 3655
Ion Ratio Lower Upper
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226 32.6 26.3 39.5
229 21.8 17.8 26.8



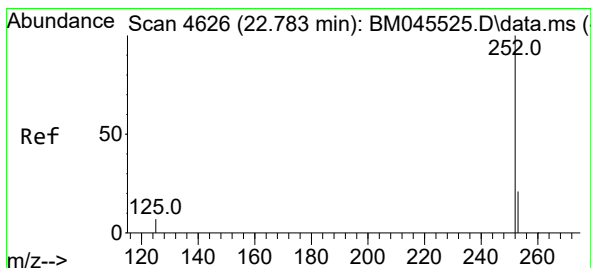
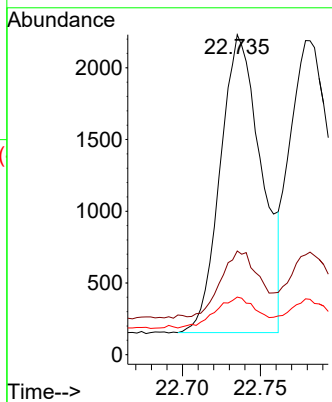


#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.735 min Scan# 4610
Delta R.T. 0.005 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

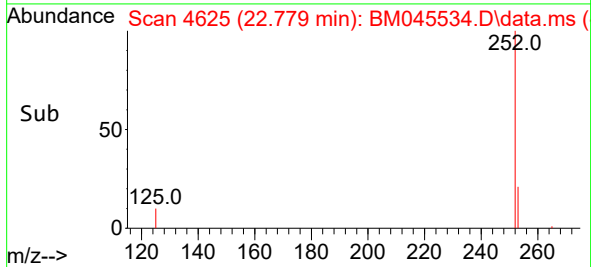
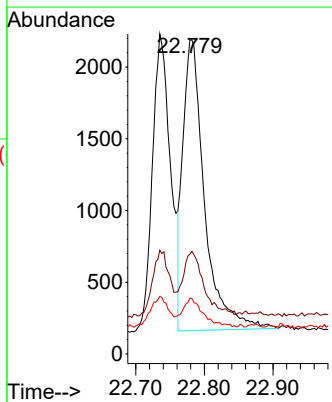
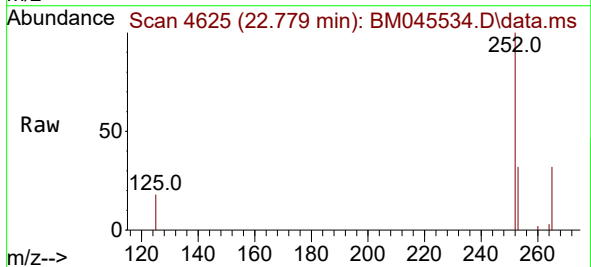


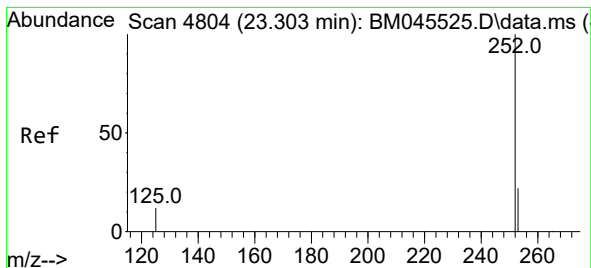
Tgt Ion:252 Resp: 3818
Ion Ratio Lower Upper
252 100
253 32.4 0.0 63.4
125 18.0 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 22.779 min Scan# 4625
Delta R.T. 0.008 min
Lab File: BM045534.D
Acq: 24 Apr 2024 19:27

Tgt Ion:252 Resp: 4442
Ion Ratio Lower Upper
252 100
253 31.8 25.4 38.0
125 17.8 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.371 ng/ul

RT: 23.305 min Scan# 4804

Delta R.T. 0.014 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.4092

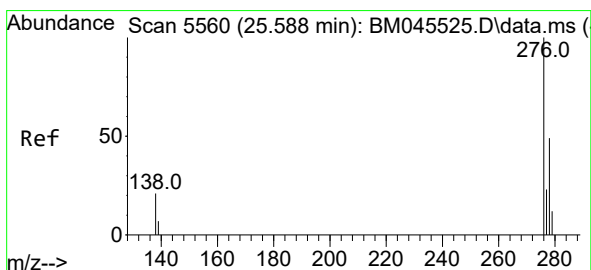
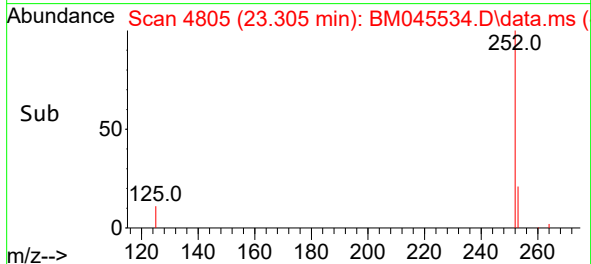
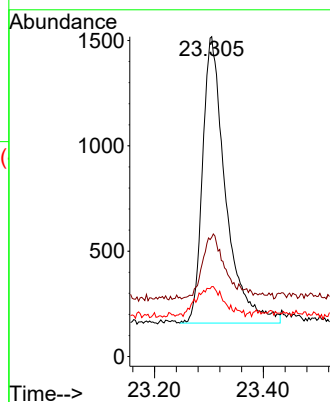
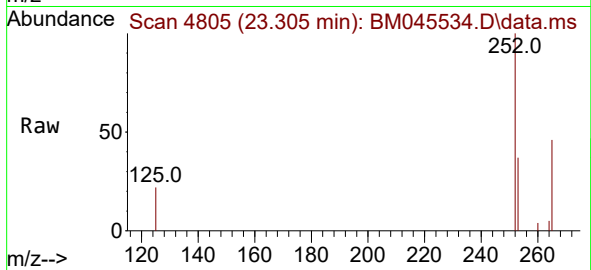
Tgt Ion:252 Resp: 3986

Ion Ratio Lower Upper

252 100

253 37.3 31.6 47.4

125 21.9 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

RT: 25.591 min Scan# 5561

Delta R.T. 0.019 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

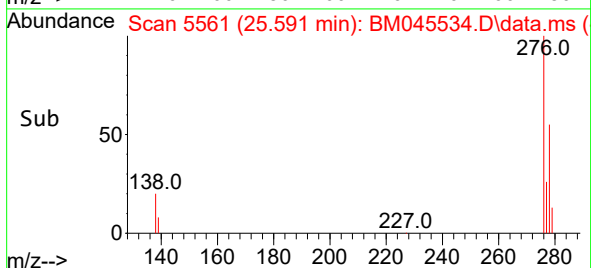
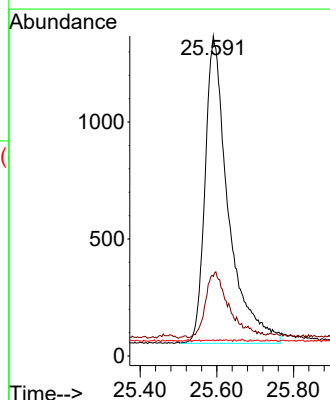
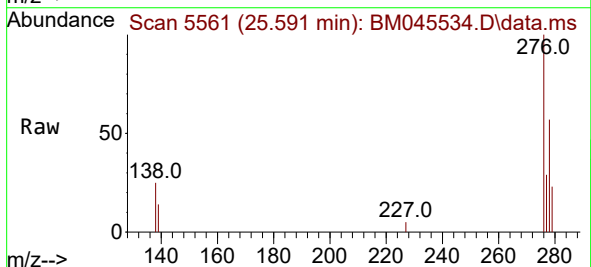
Tgt Ion:276 Resp: 5537

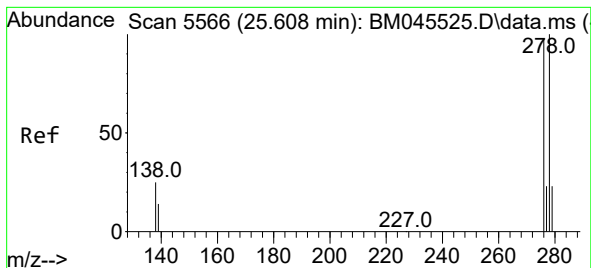
Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6#

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.347 ng/ul

RT: 25.607 min Scan# 51

Delta R.T. 0.019 min

Lab File: BM045534.D

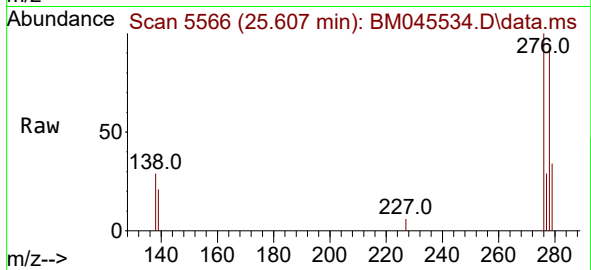
Acq: 24 Apr 2024 19:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.4092



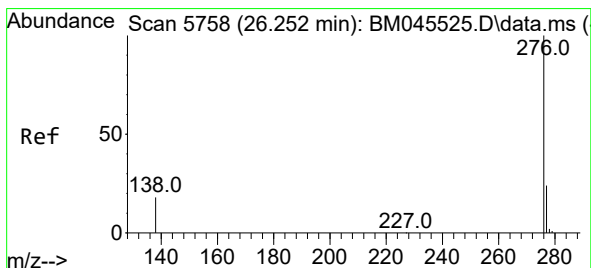
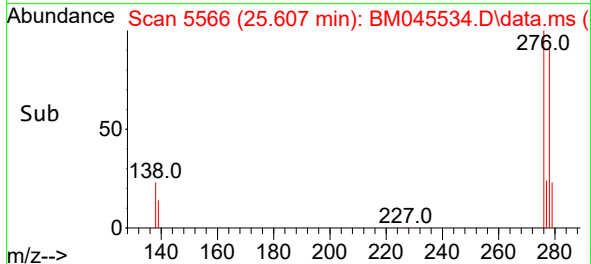
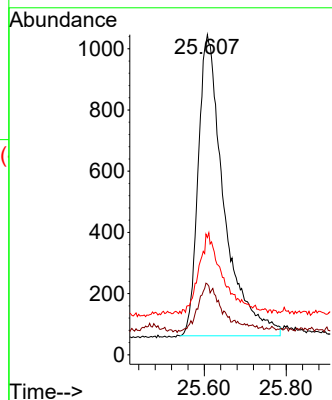
Tgt Ion:278 Resp: 4290

Ion Ratio Lower Upper

278 100

139 22.1 19.0 28.6

279 36.6 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.333 ng/ul

RT: 26.255 min Scan# 5759

Delta R.T. 0.019 min

Lab File: BM045534.D

Acq: 24 Apr 2024 19:27

Tgt Ion:276 Resp: 4673

Ion Ratio Lower Upper

276 100

138 23.7 20.8 31.2

277 26.2 21.8 32.8

