

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045523.D
 Acq On : 23 Apr 2024 21:31
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4090

Quant Time: Apr 24 05:20:31 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)

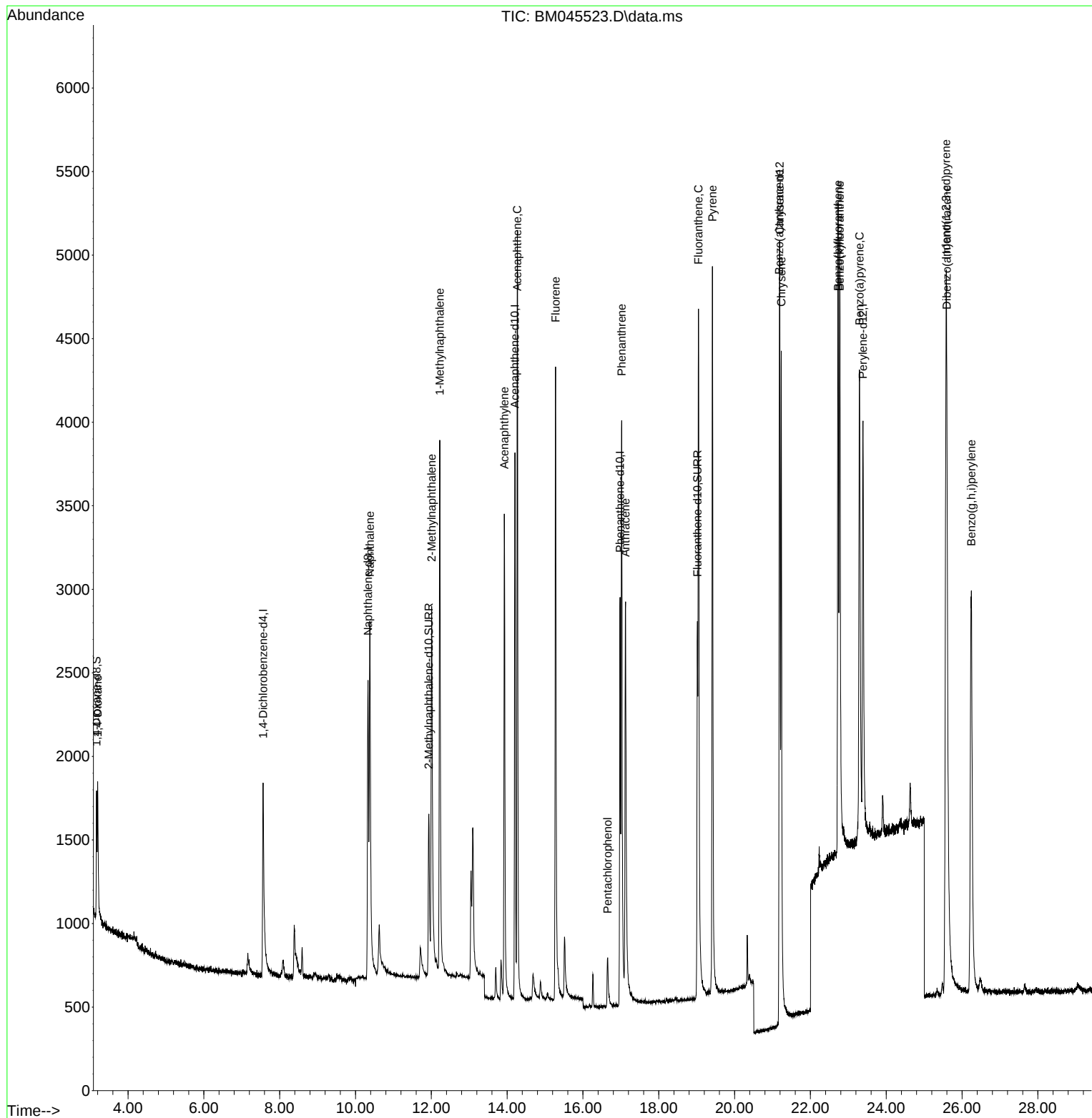
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	1112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	3577	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	2030	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.980	188	3964	0.400	ng/ul #	0.00
17) Chrysene-d12	21.193	240	2657	0.400	ng/ul	0.00
23) Perylene-d12	23.385	264	3774	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	605	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	2026	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	3364	0.402	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.201	88	586	0.409	ng/ul#	82
5) Naphthalene	10.380	128	3913	0.407	ng/ul	92
7) 2-Methylnaphthalene	12.008	142	2453	0.447	ng/ul	98
8) 1-Methylnaphthalene	12.222	142	2672	0.434	ng/ul	98
10) Acenaphthylene	13.927	152	4105	0.410	ng/ul	97
11) Acenaphthene	14.270	153	2996	0.403	ng/ul	98
12) Fluorene	15.278	166	3162	0.398	ng/ul#	96
14) Pentachlorophenol	16.650	266	304	0.385	ng/ul	94
15) Phenanthrene	17.022	178	4546	0.394	ng/ul	96
16) Anthracene	17.123	178	4441	0.411	ng/ul	96
19) Fluoranthene	19.047	202	4756	0.388	ng/ul	94
20) Pyrene	19.415	202	4928	0.391	ng/ul	95
21) Benzo(a)anthracene	21.181	228	3798	0.447	ng/ul	94
22) Chrysene	21.231	228	4761	0.365	ng/ul	100
24) Benzo(b)fluoranthene	22.730	252	5066	0.399	ng/ul	98
25) Benzo(k)fluoranthene	22.774	252	5810	0.362	ng/ul	95
26) Benzo(a)pyrene	23.294	252	5269	0.400	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.578	276	7229	0.378	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.595	278	5605	0.369	ng/ul	92
29) Benzo(g,h,i)perylene	26.246	276	6159	0.358	ng/ul	96

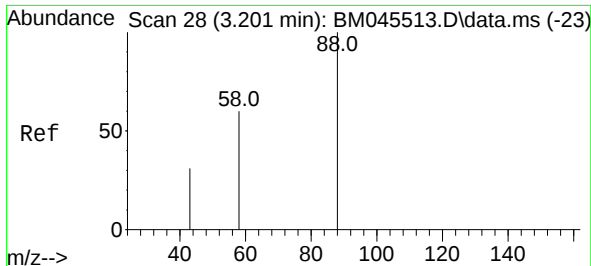
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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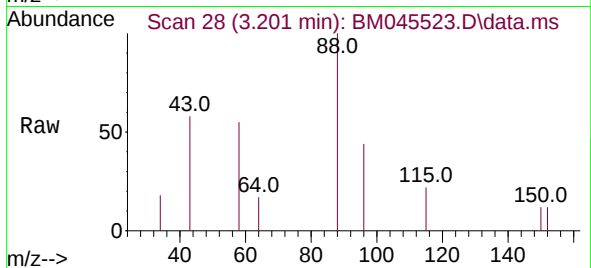
Quant Time: Apr 24 05:20:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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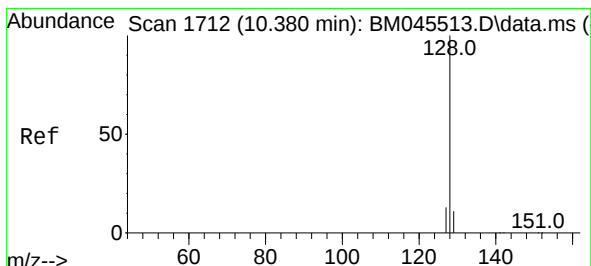
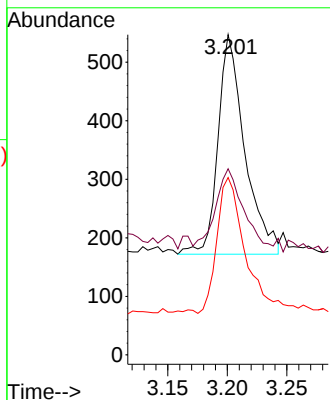
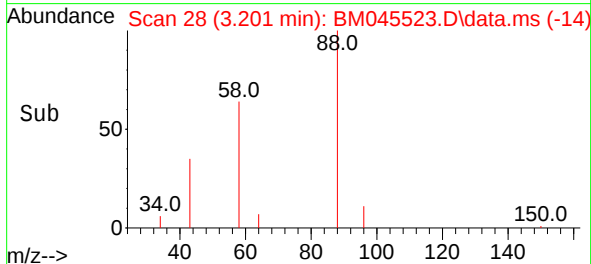


#2
1,4-Dioxane
Concen: 0.409 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

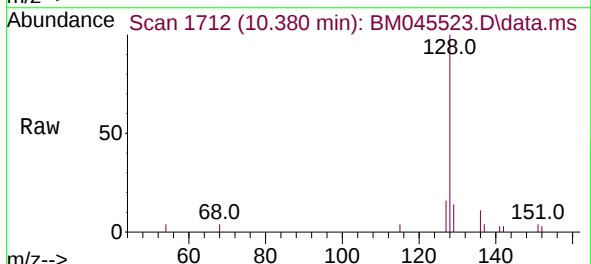
Instrument :
BNA_M
ClientSampleId :
SSTD0.4090



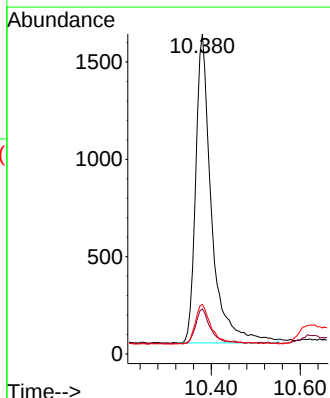
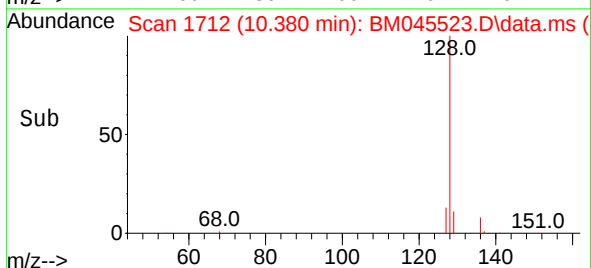
Tgt Ion: 88 Resp: 586
Ion Ratio Lower Upper
88 100
43 58.1 36.8 55.2#
58 55.4 35.4 53.2#

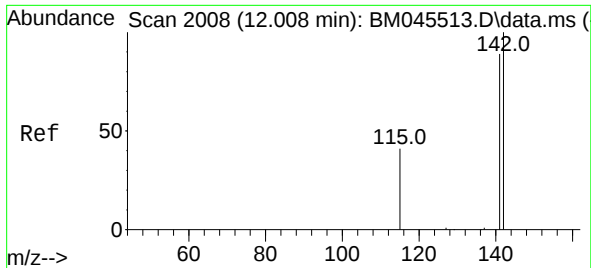


#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.380 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31



Tgt Ion: 128 Resp: 3913
Ion Ratio Lower Upper
128 100
129 14.1 14.0 21.0
127 15.5 15.4 23.2

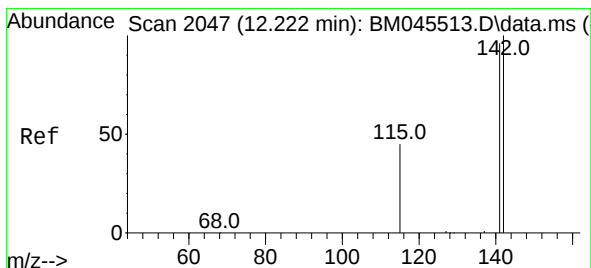
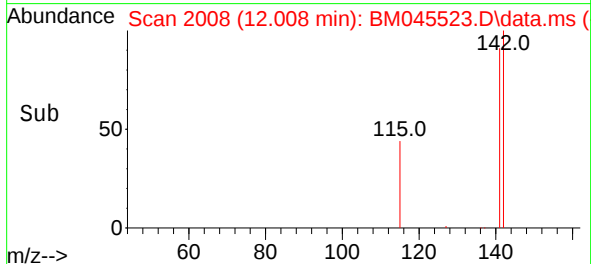
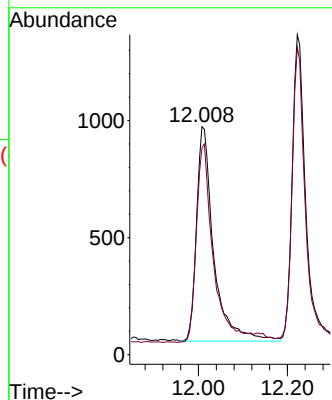
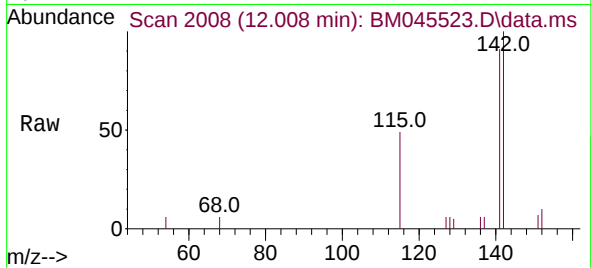




#7
2-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

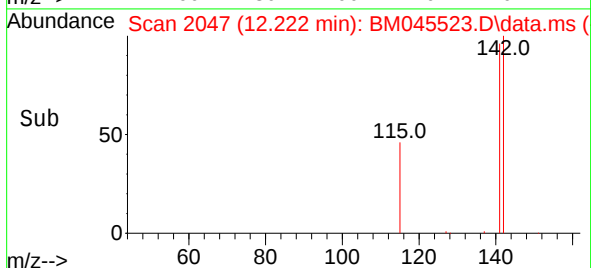
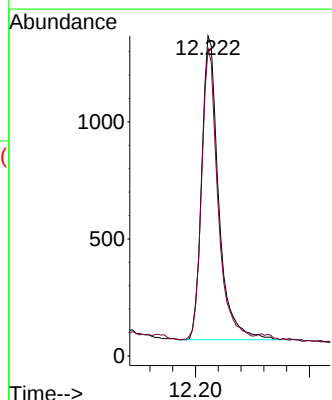
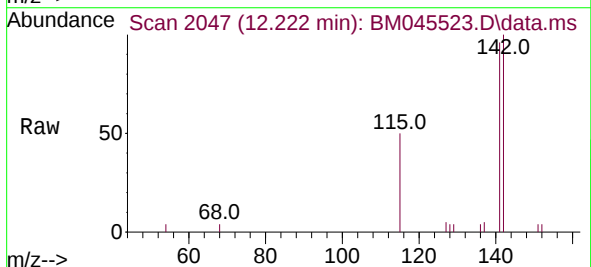
Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

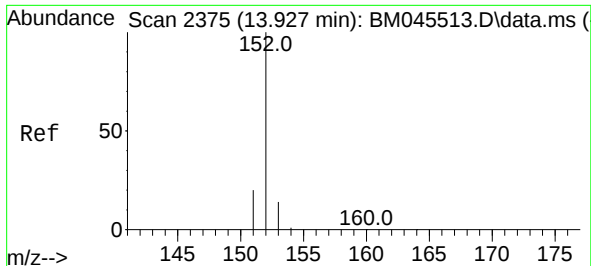
Tgt Ion:142 Resp: 2453
Ion Ratio Lower Upper
142 100
141 94.8 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

Tgt Ion:142 Resp: 2672
Ion Ratio Lower Upper
142 100
141 92.8 76.1 114.1

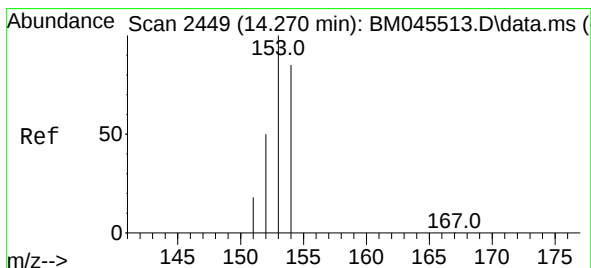
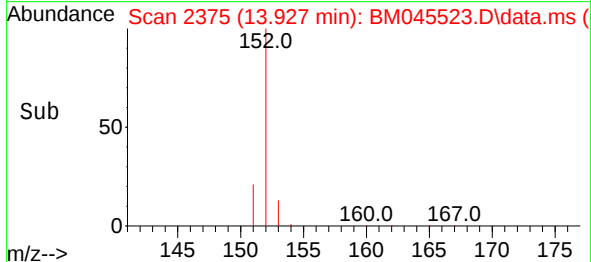
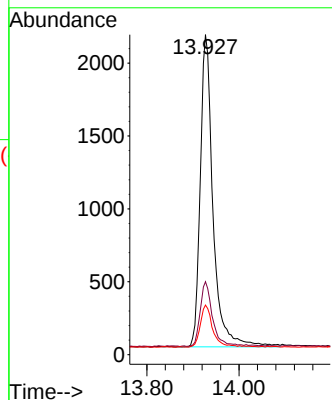
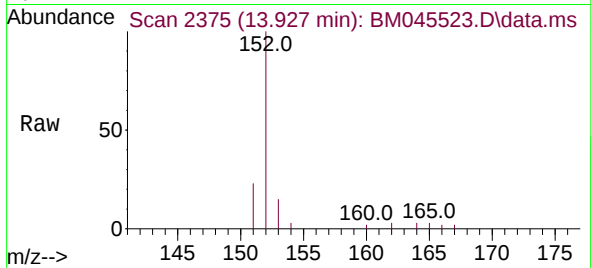




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 13.927 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

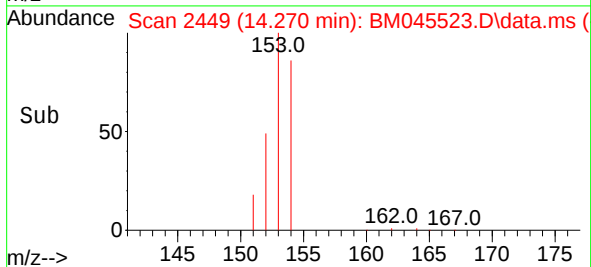
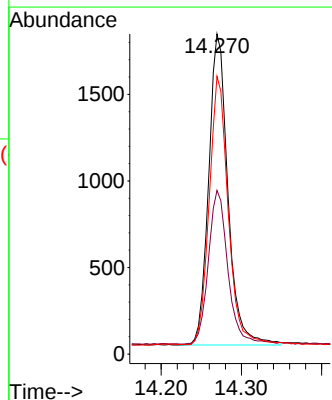
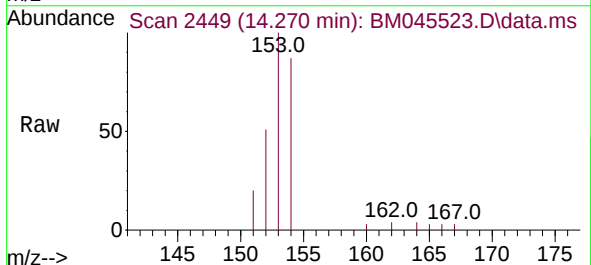
Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

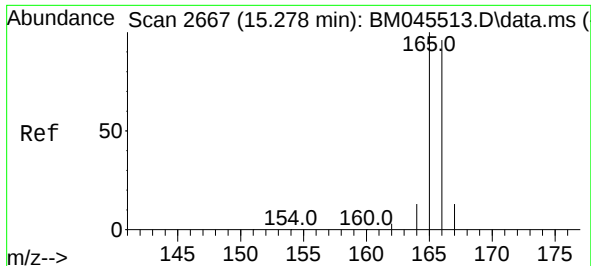
Tgt Ion:152 Resp: 4105
Ion Ratio Lower Upper
152 100
151 22.8 18.6 28.0
153 15.5 14.1 21.1



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

Tgt Ion:153 Resp: 2996
Ion Ratio Lower Upper
153 100
152 51.1 43.4 65.2
154 86.7 69.0 103.6

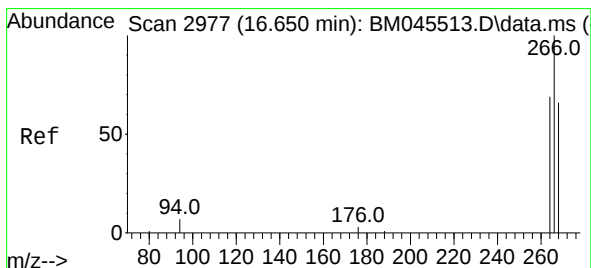
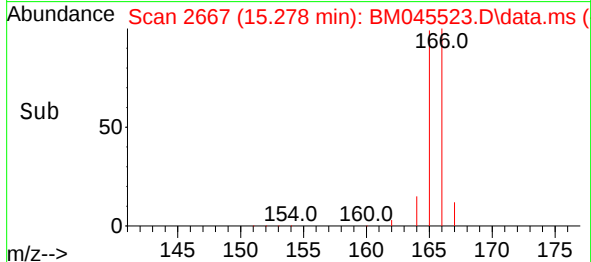
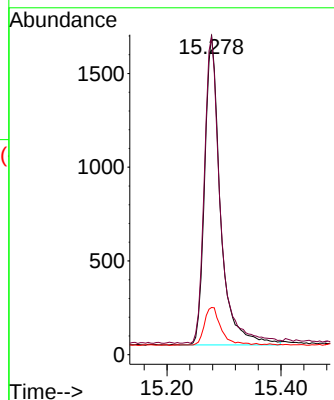
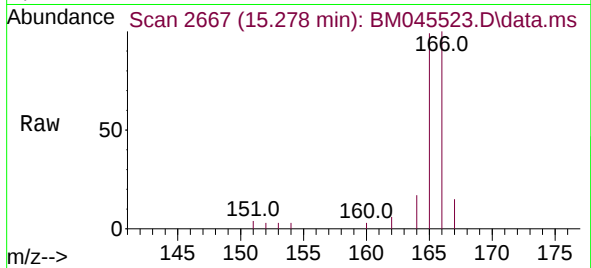




#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.278 min Scan# 2667
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

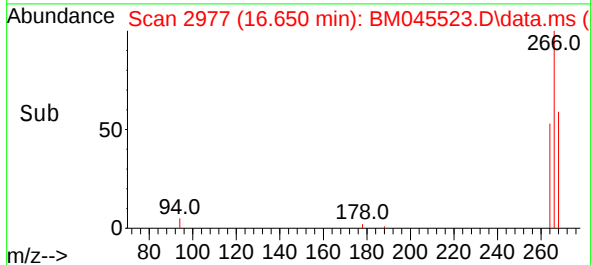
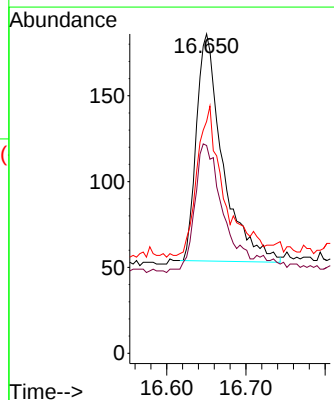
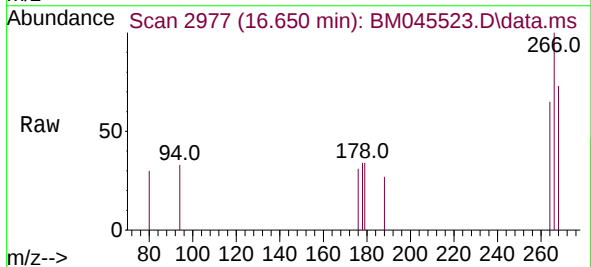
Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

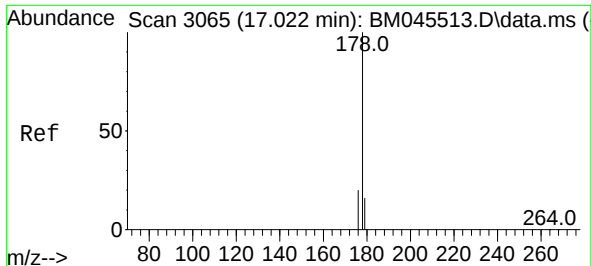
Tgt Ion:166 Resp: 3162
Ion Ratio Lower Upper
166 100
165 99.3 82.2 123.2
167 14.8 14.8 22.2#



#14
Pentachlorophenol
Concen: 0.385 ng/ul
RT: 16.650 min Scan# 2977
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

Tgt Ion:266 Resp: 304
Ion Ratio Lower Upper
266 100
264 61.8 45.5 68.3
268 74.0 56.1 84.1





#15

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.022 min Scan# 3065

Delta R.T. 0.000 min

Lab File: BM045523.D

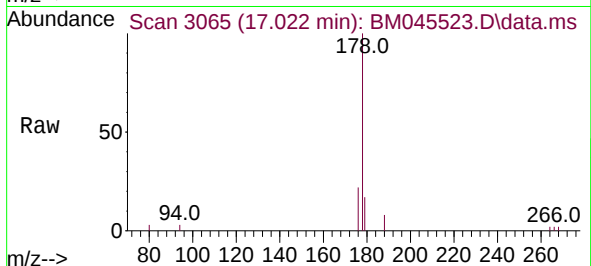
Acq: 23 Apr 2024 21:31

Instrument :

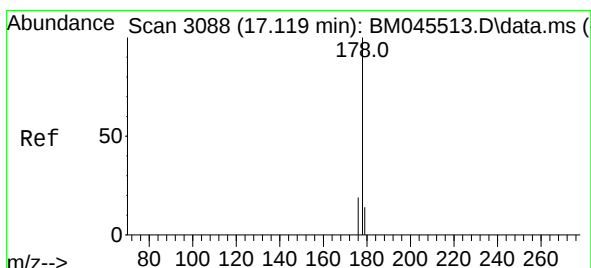
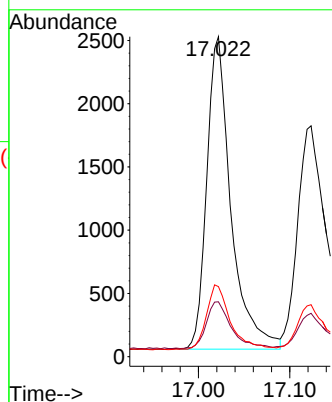
BNA_M

ClientSampleId :

SSTD0.4090



Tgt Ion:	178	Resp:	4546
Ion Ratio	Lower	Upper	
178	100		
179	17.2	15.4	23.2
176	21.9	19.0	28.4



#16

Anthracene

Concen: 0.411 ng/ul

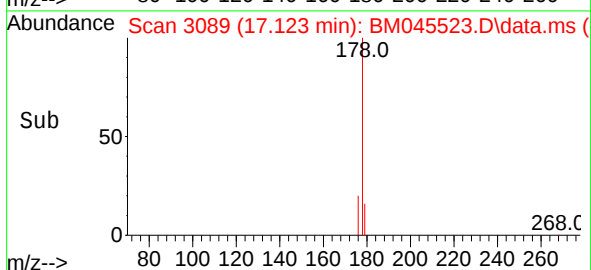
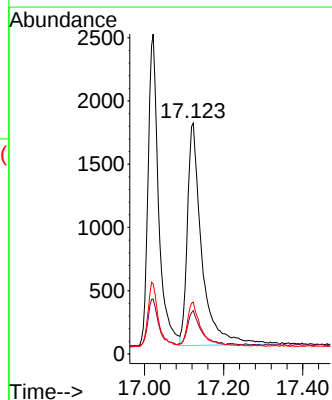
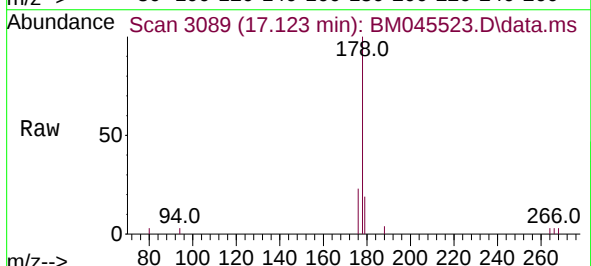
RT: 17.123 min Scan# 3089

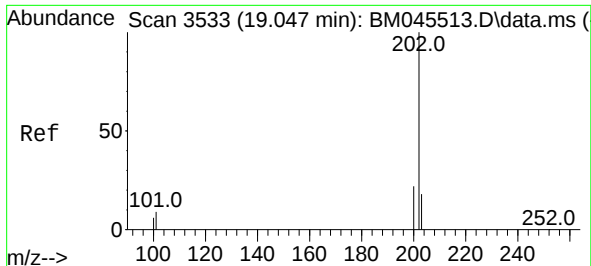
Delta R.T. 0.004 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

Tgt Ion:	178	Resp:	4441
Ion Ratio	Lower	Upper	
178	100		
179	18.8	17.8	26.6
176	22.5	18.7	28.1





#19

Fluoranthene

Concen: 0.388 ng/ul

RT: 19.047 min Scan# 3533

Delta R.T. 0.000 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4090

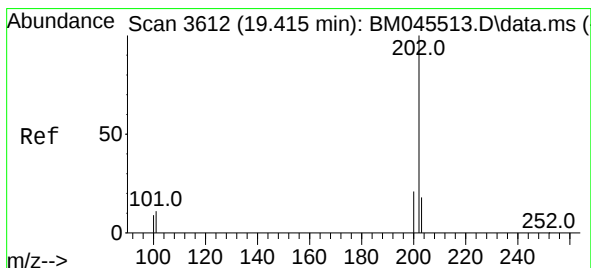
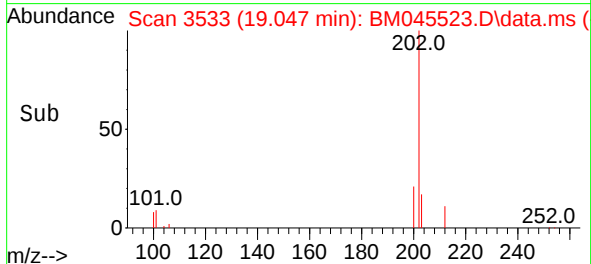
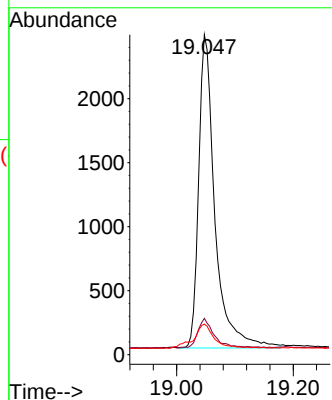
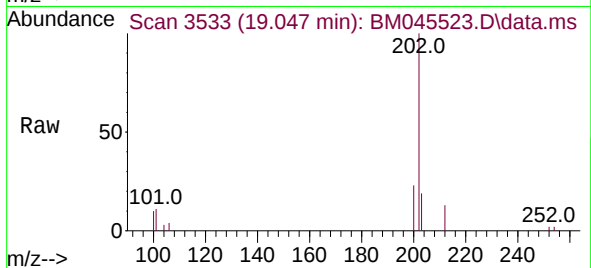
Tgt Ion:202 Resp: 4756

Ion Ratio Lower Upper

202 100

101 11.4 11.2 16.8

100 9.6 9.1 13.7



#20

Pyrene

Concen: 0.391 ng/ul

RT: 19.415 min Scan# 3612

Delta R.T. 0.000 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

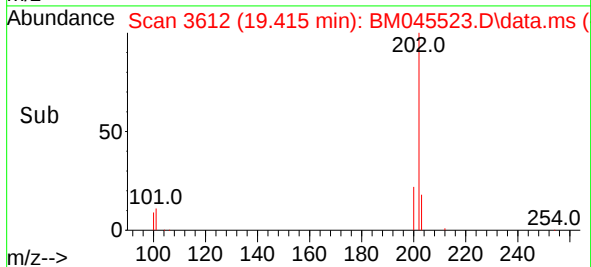
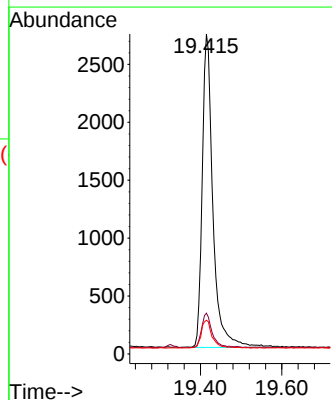
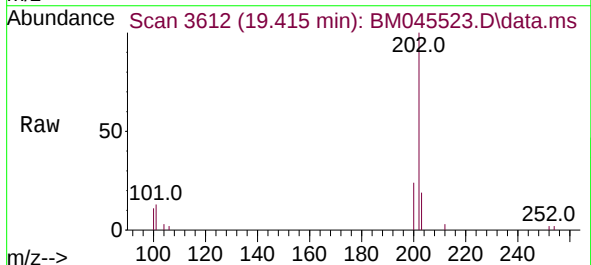
Tgt Ion:202 Resp: 4928

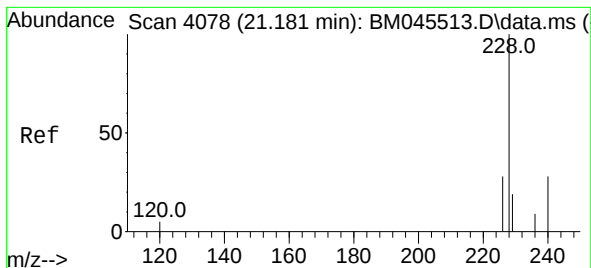
Ion Ratio Lower Upper

202 100

101 12.7 11.5 17.3

100 10.6 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.447 ng/ul

RT: 21.181 min Scan# 4078

Delta R.T. 0.000 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

Instrument :

BNA_M

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SSTD0.4090

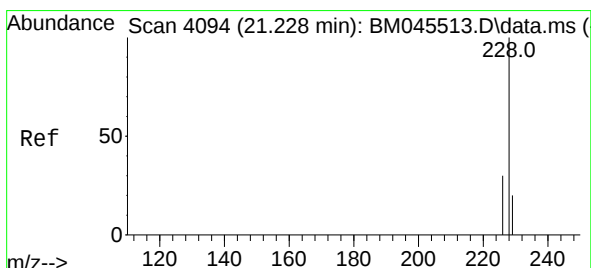
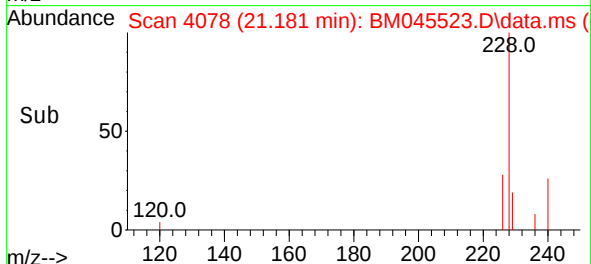
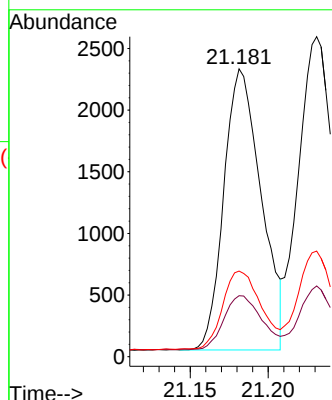
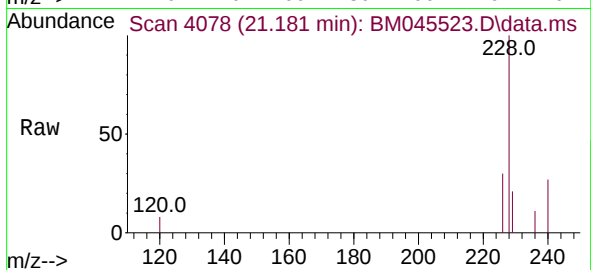
Tgt Ion:228 Resp: 3798

Ion Ratio Lower Upper

228 100

229 21.2 19.4 29.2

226 29.7 26.3 39.5



#22

Chrysene

Concen: 0.365 ng/ul

RT: 21.231 min Scan# 4095

Delta R.T. 0.003 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

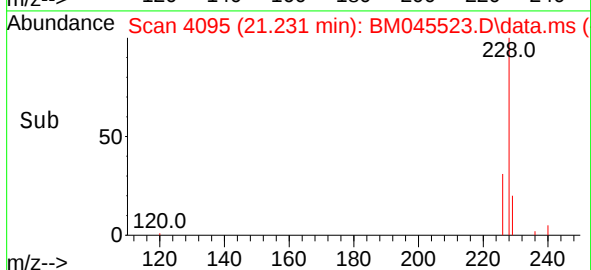
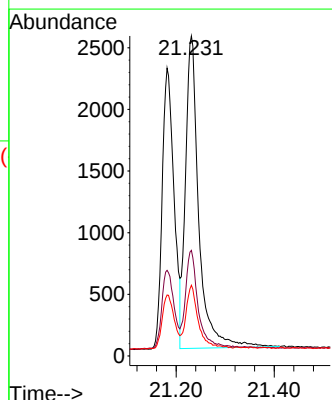
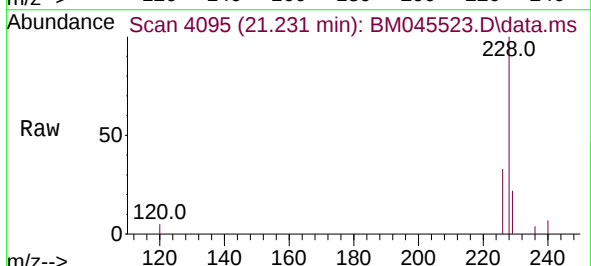
Tgt Ion:228 Resp: 4761

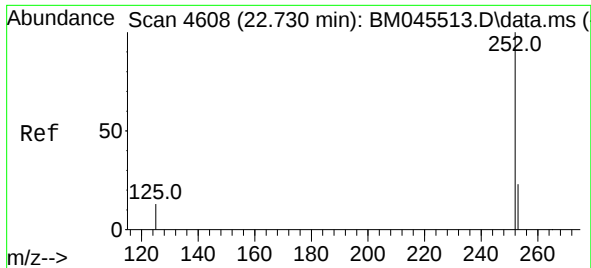
Ion Ratio Lower Upper

228 100

226 33.0 26.3 39.5

229 22.1 17.8 26.8

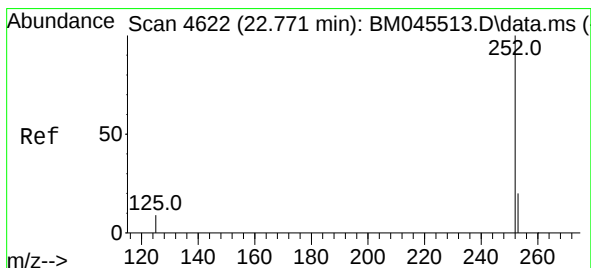
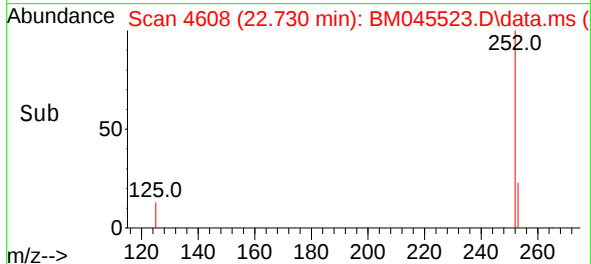
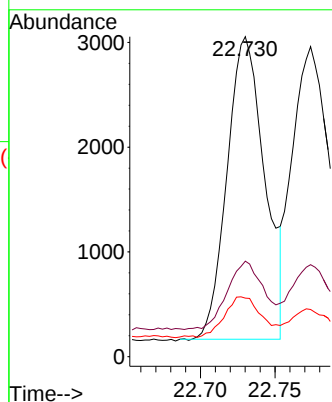
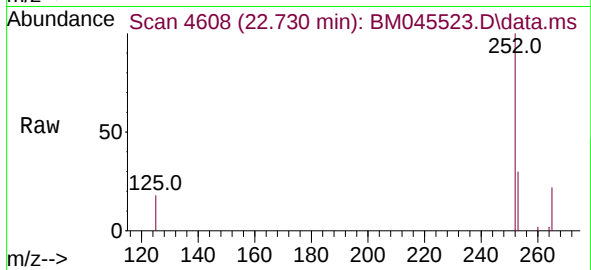




#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 22.730 min Scan# 4608
Delta R.T. 0.000 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

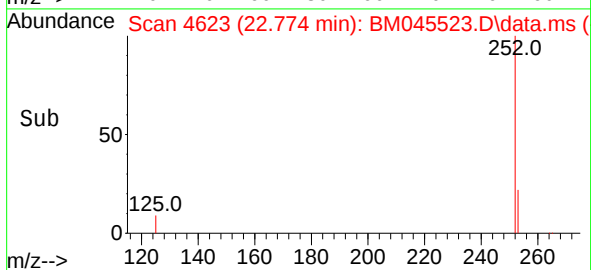
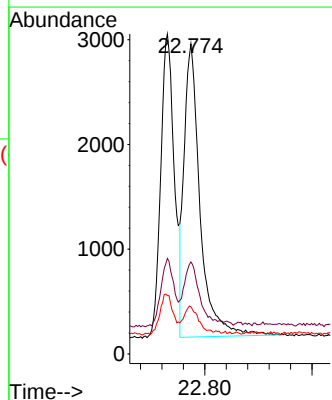
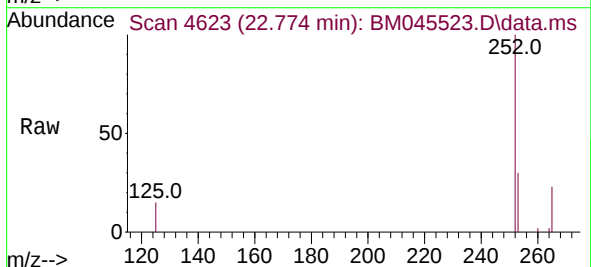
Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

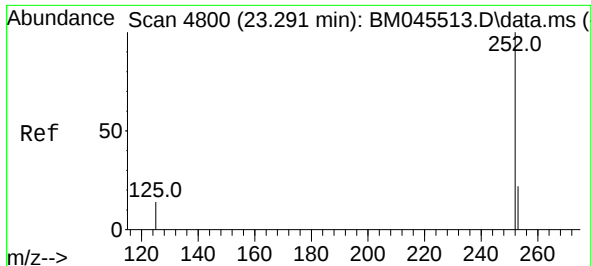
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	63.4
125	18.3	0.0	36.8



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 22.774 min Scan# 4623
Delta R.T. 0.003 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	25.4	38.0
125	15.2	14.8	22.2

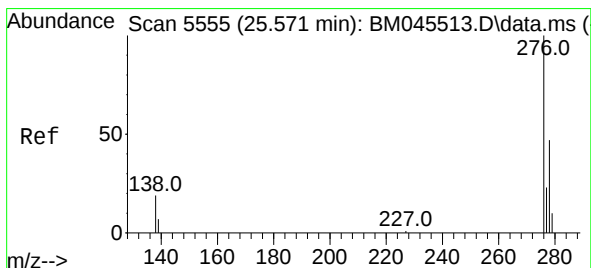
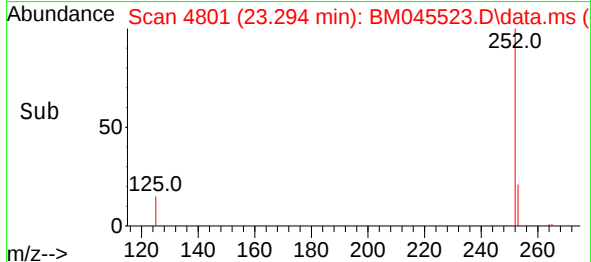
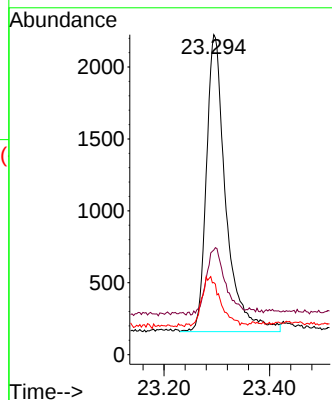
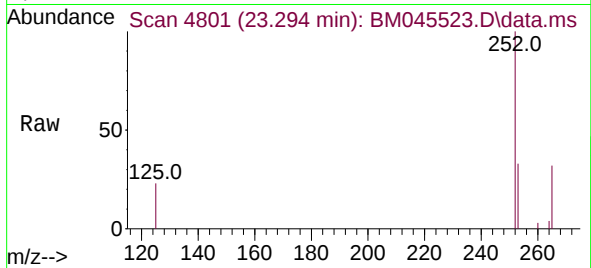




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.294 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

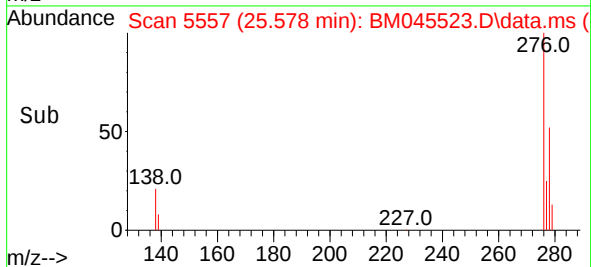
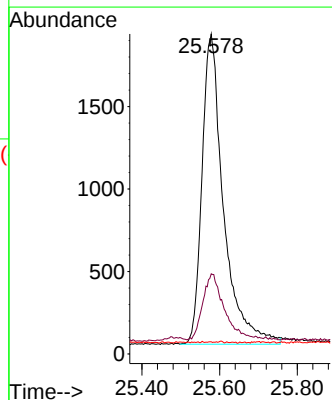
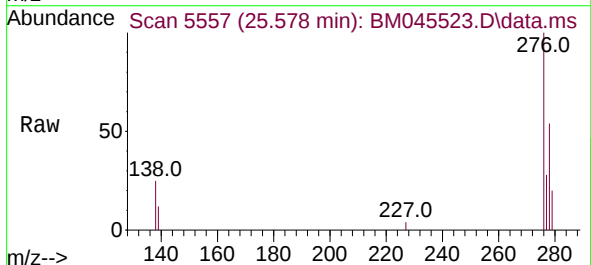
Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

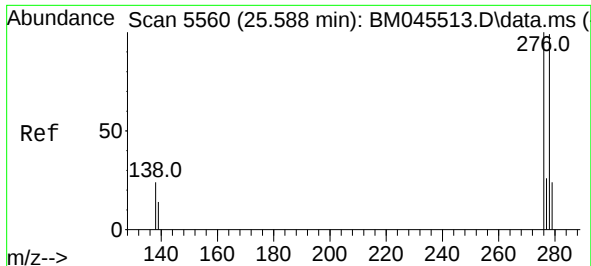
Tgt Ion:252 Resp: 5269
Ion Ratio Lower Upper
252 100
253 32.7 31.6 47.4
125 22.6 19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.578 min Scan# 5557
Delta R.T. 0.007 min
Lab File: BM045523.D
Acq: 23 Apr 2024 21:31

Tgt Ion:276 Resp: 7229
Ion Ratio Lower Upper
276 100
138 21.2 19.8 29.6
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.369 ng/ul

RT: 25.595 min Scan# 5562

Delta R.T. 0.007 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4090

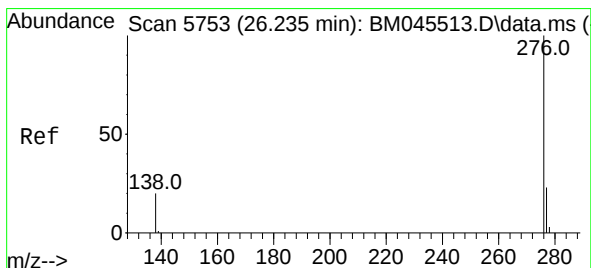
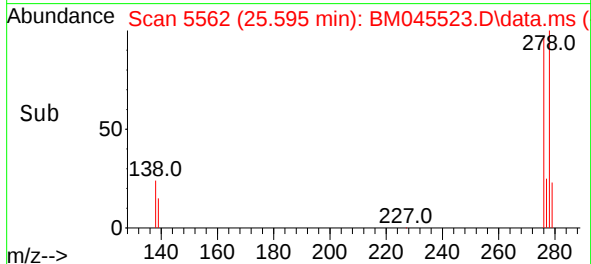
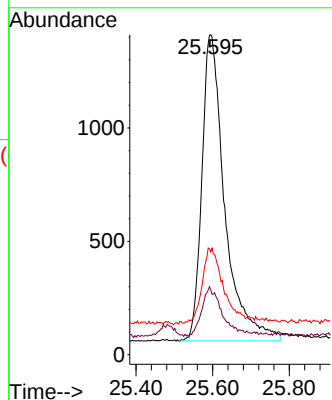
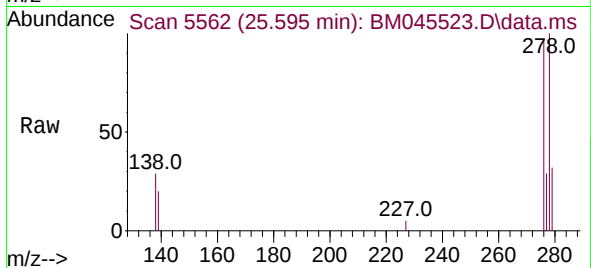
Tgt Ion:278 Resp: 5605

Ion Ratio Lower Upper

278 100

139 20.3 19.0 28.6

279 32.1 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.358 ng/ul

RT: 26.246 min Scan# 5756

Delta R.T. 0.010 min

Lab File: BM045523.D

Acq: 23 Apr 2024 21:31

Tgt Ion:276 Resp: 6159

Ion Ratio Lower Upper

276 100

138 22.7 20.8 31.2

277 27.8 21.8 32.8

