

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045556.D
 Acq On : 25 Apr 2024 09:33
 Operator : MA/JU
 Sample : PB160418BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS418

Quant Time: Apr 25 11:45:26 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)

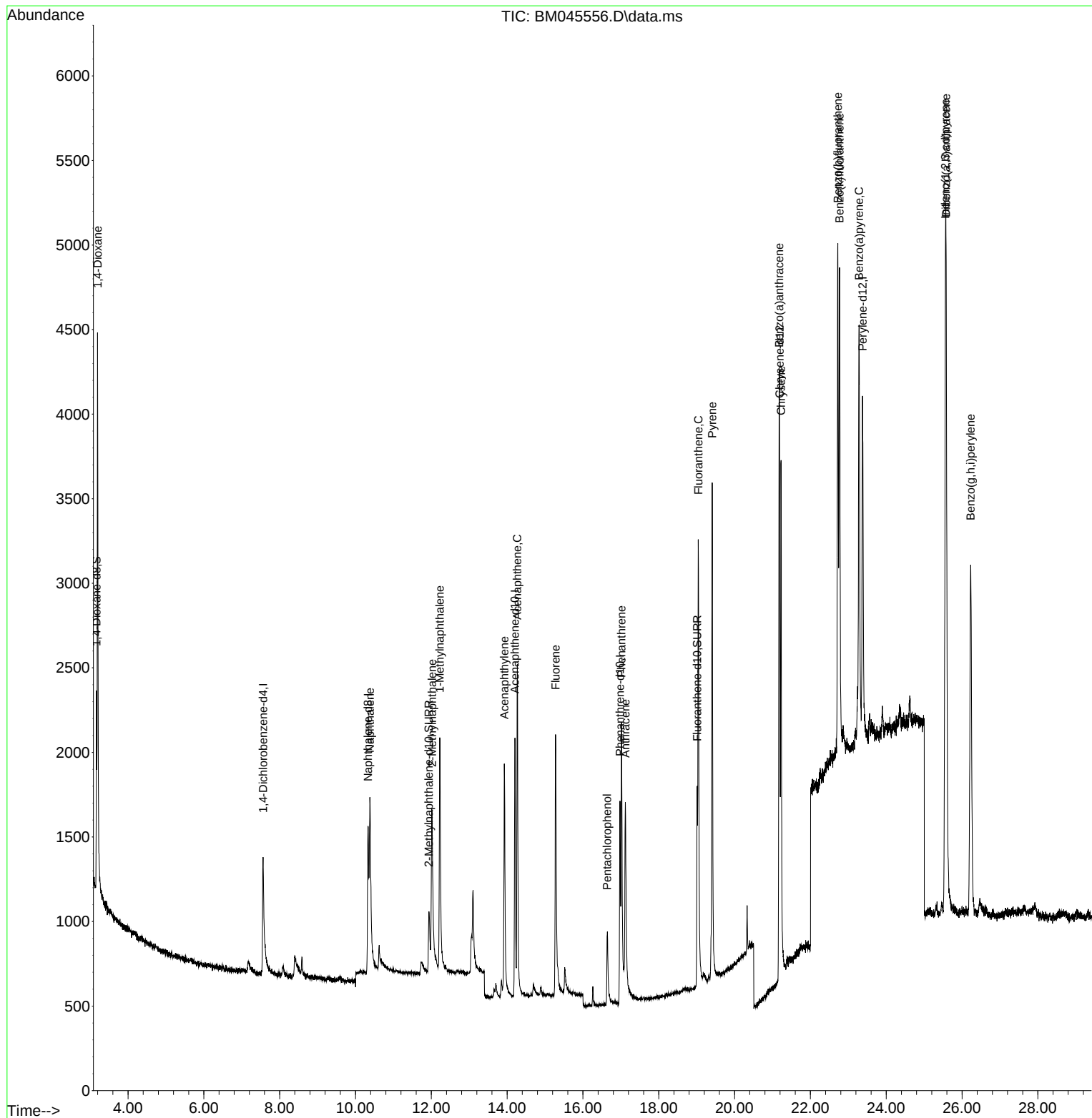
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	2163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	1037	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	2030	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	1945	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	2883	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	766	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	940	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	1741	0.284	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	2220	2.190	ng/ul#	86
5) Naphthalene	10.380	128	2192	0.377	ng/ul	98
7) 2-Methylnaphthalene	12.019	142	1280	0.386	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	1320	0.355	ng/ul	100
10) Acenaphthylene	13.927	152	2202	0.431	ng/ul	97
11) Acenaphthene	14.270	153	1444	0.380	ng/ul	99
12) Fluorene	15.278	166	1513	0.372	ng/ul	98
14) Pentachlorophenol	16.642	266	493	1.218	ng/ul	96
15) Phenanthrene	17.018	178	2248	0.380	ng/ul	99
16) Anthracene	17.119	178	2344	0.424	ng/ul	98
19) Fluoranthene	19.043	202	2903	0.323	ng/ul	97
20) Pyrene	19.410	202	3089	0.335	ng/ul	97
21) Benzo(a)anthracene	21.176	228	2993	0.481	ng/ul	99
22) Chrysene	21.225	228	3410	0.357	ng/ul	96
24) Benzo(b)fluoranthene	22.721	252	3864	0.398	ng/ul	88
25) Benzo(k)fluoranthene	22.768	252	4325	0.353	ng/ul#	89
26) Benzo(a)pyrene	23.286	252	3997	0.397	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.561	276	5793	0.396	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.582	278	4625	0.399	ng/ul	96
29) Benzo(g,h,i)perylene	26.229	276	4810	0.366	ng/ul	95

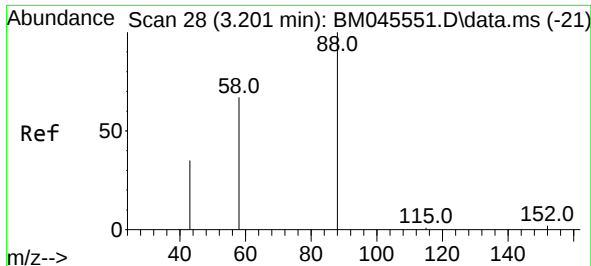
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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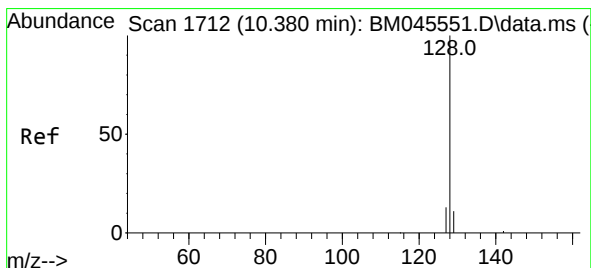
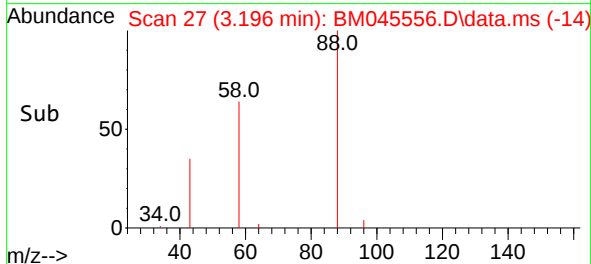
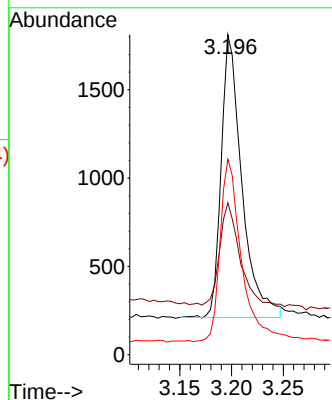
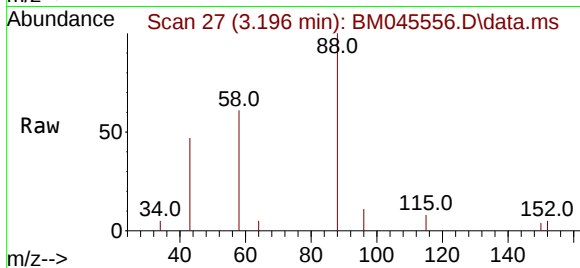




#2
1,4-Dioxane
Concen: 2.190 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

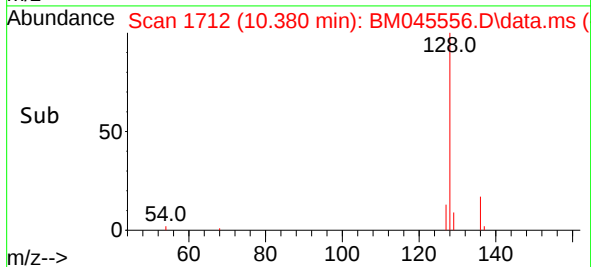
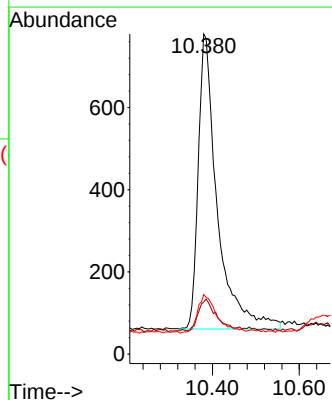
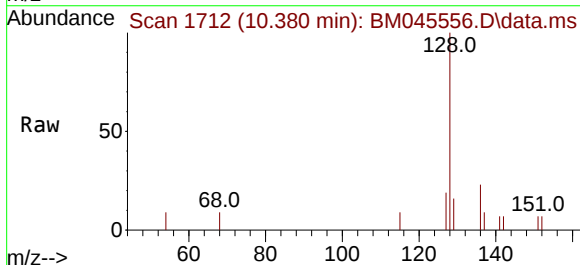
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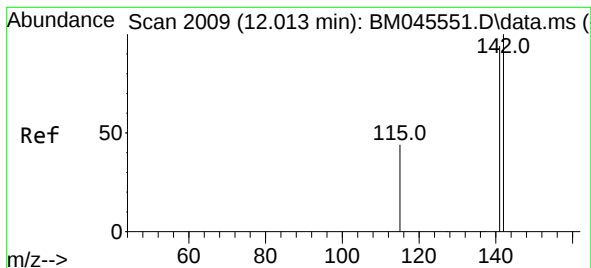
Tgt Ion: 88 Resp: 2220
Ion Ratio Lower Upper
88 100
43 47.5 36.8 55.2
58 61.0 35.4 53.2#



#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.380 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt Ion: 128 Resp: 2192
Ion Ratio Lower Upper
128 100
129 16.3 14.0 21.0
127 18.6 15.4 23.2

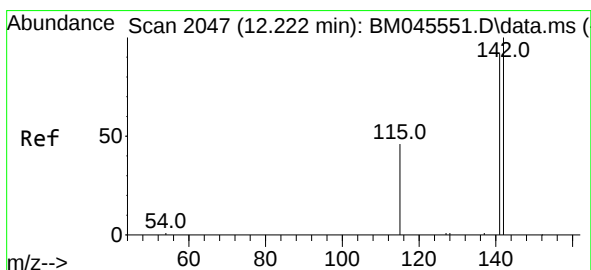
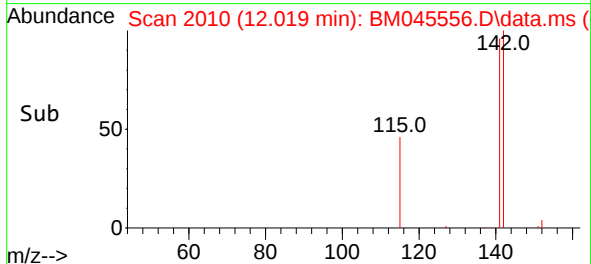
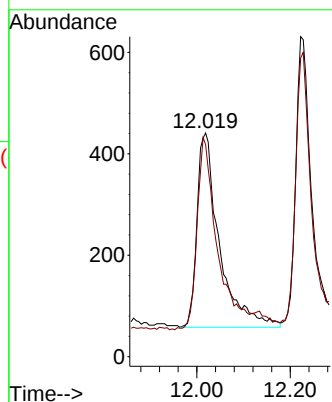
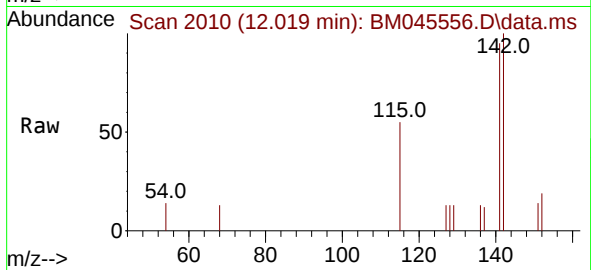




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.019 min Scan# 2009
Delta R.T. 0.011 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

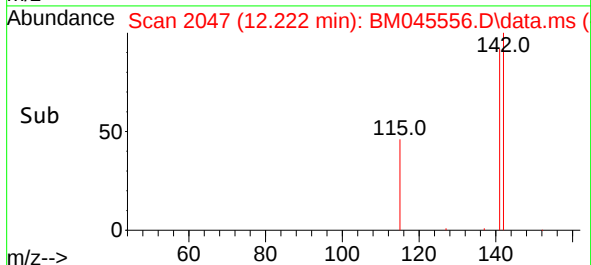
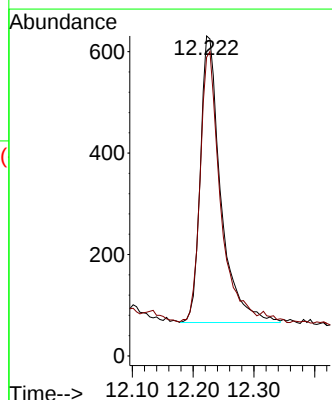
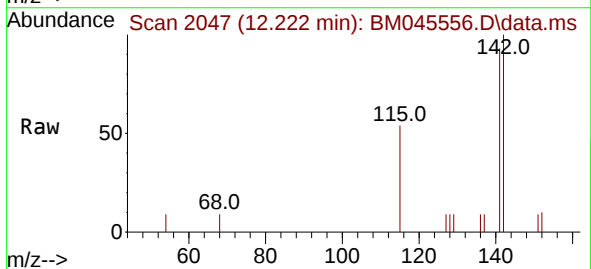
Instrument :
BNA_M
ClientSampleId :
SLCS418

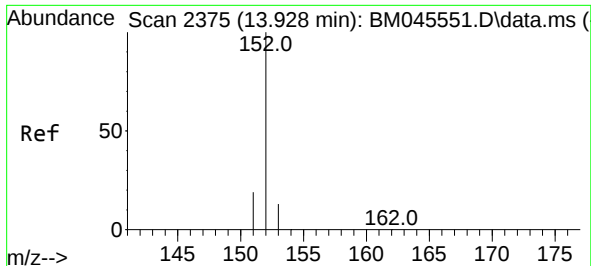
Tgt Ion:142 Resp: 1280
Ion Ratio Lower Upper
142 100
141 96.5 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt Ion:142 Resp: 1320
Ion Ratio Lower Upper
142 100
141 94.9 76.1 114.1

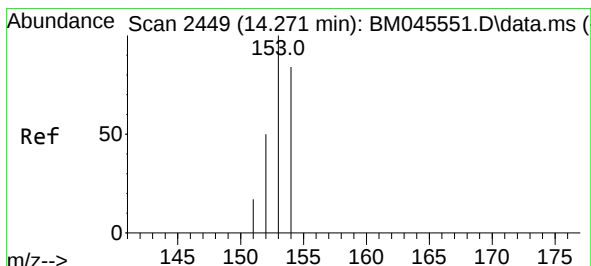
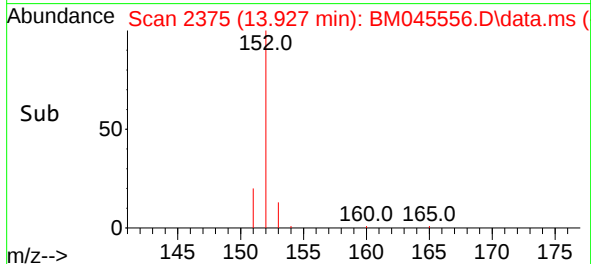
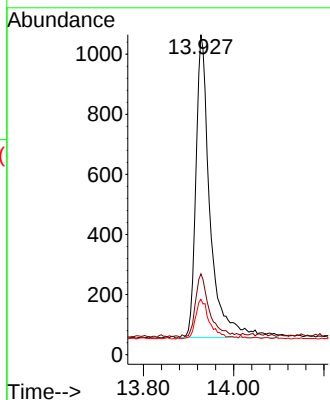
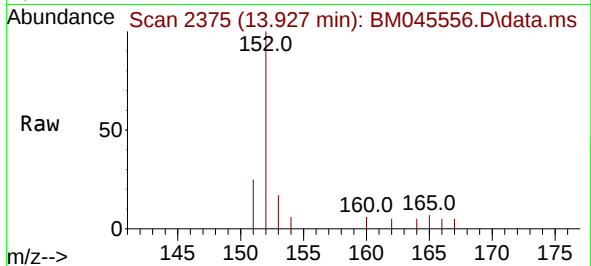




#10
Acenaphthylene
Concen: 0.431 ng/ul
RT: 13.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

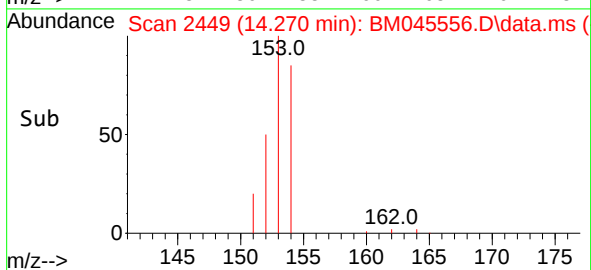
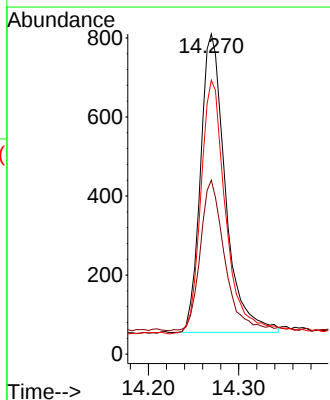
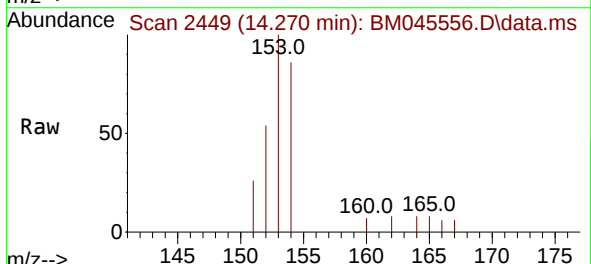
Instrument :
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ClientSampleId :
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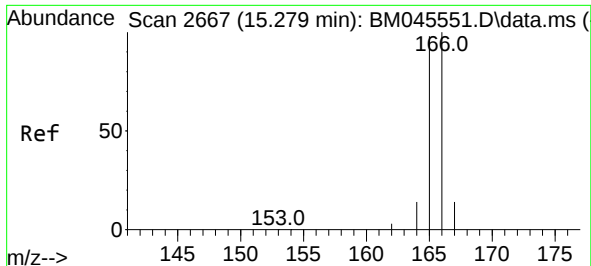
Tgt Ion:	152	Resp:	2202
Ion	Ratio	Lower	Upper
152	100		
151	25.3	18.6	28.0
153	17.3	14.1	21.1



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt Ion:	153	Resp:	1444
Ion	Ratio	Lower	Upper
153	100		
152	54.3	43.4	65.2
154	85.6	69.0	103.6

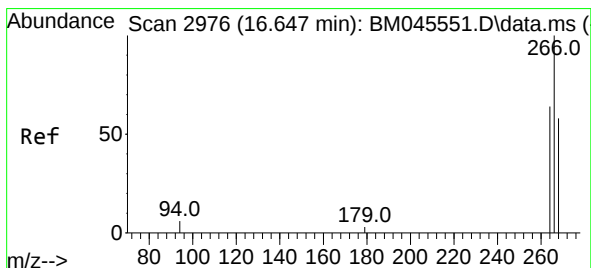
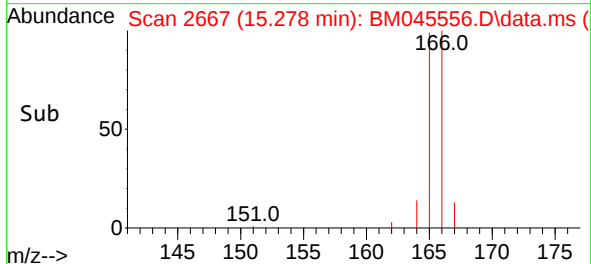
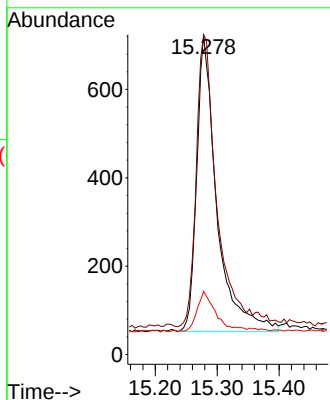
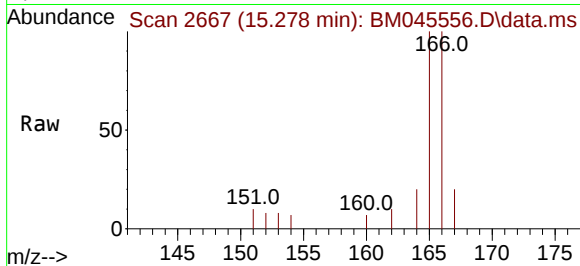




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.278 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

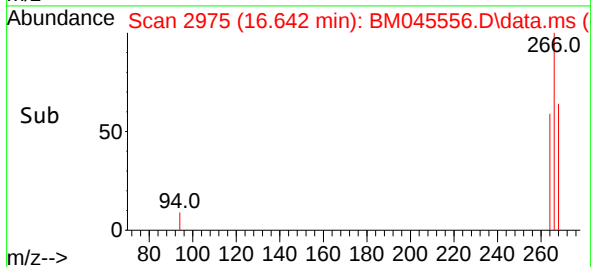
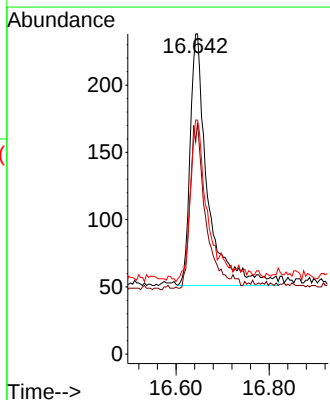
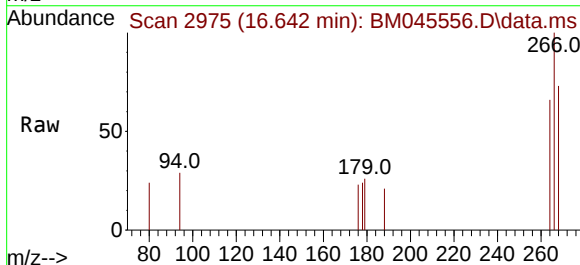
Instrument :
BNA_M
ClientSampleId :
SLCS418

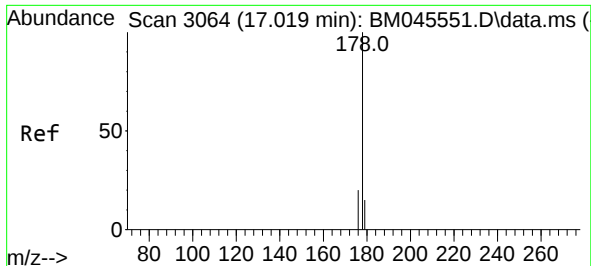
Tgt Ion:166 Resp: 1513
Ion Ratio Lower Upper
166 100
165 100.3 82.2 123.2
167 19.8 14.8 22.2



#14
Pentachlorophenol
Concen: 1.218 ng/ul
RT: 16.642 min Scan# 2975
Delta R.T. -0.008 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt Ion:266 Resp: 493
Ion Ratio Lower Upper
266 100
264 58.4 45.5 68.3
268 65.1 56.1 84.1

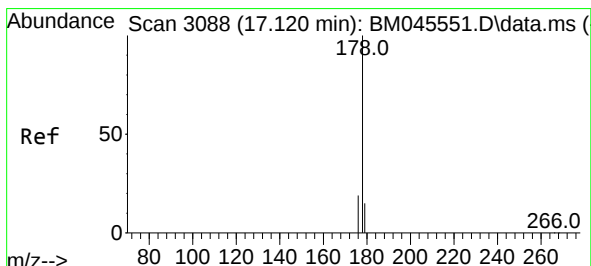
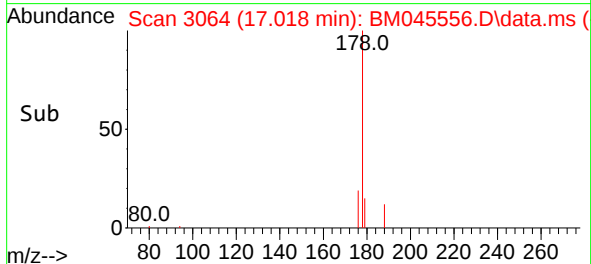
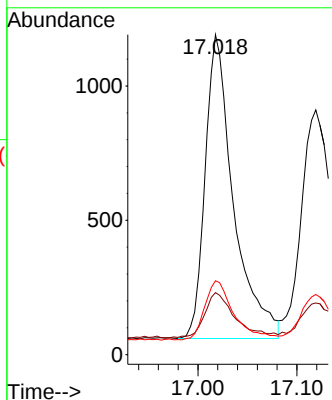
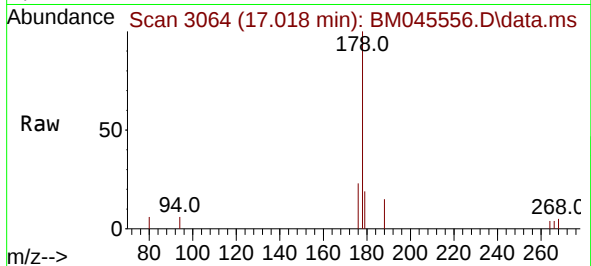




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.018 min Scan# 3064
Delta R.T. -0.004 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

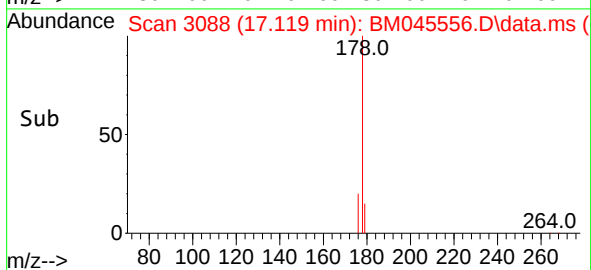
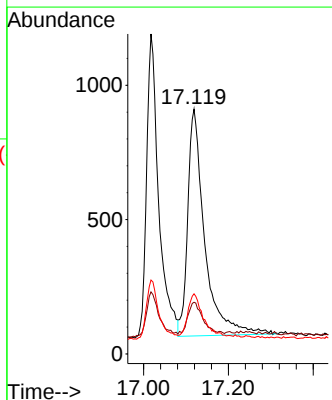
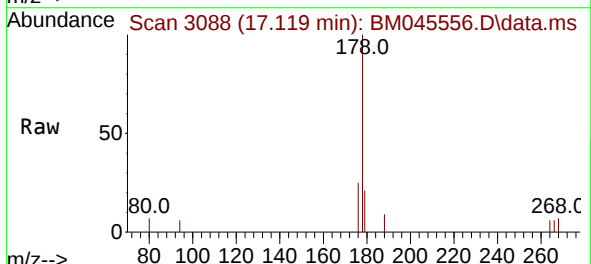
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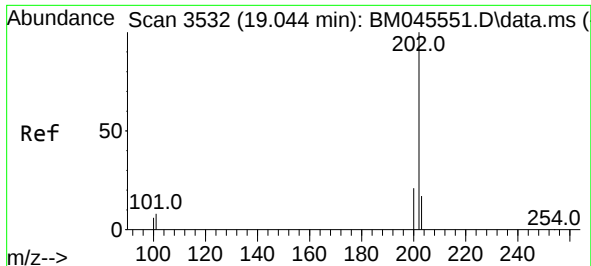
Tgt Ion:	178	Resp:	2248
Ion	Ratio	Lower	Upper
178	100		
179	19.4	15.4	23.2
176	23.1	19.0	28.4



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.119 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt Ion:	178	Resp:	2344
Ion	Ratio	Lower	Upper
178	100		
179	21.1	17.8	26.6
176	24.6	18.7	28.1





#19

Fluoranthene

Concen: 0.323 ng/ul

RT: 19.043 min Scan# 3532

Delta R.T. -0.005 min

Lab File: BM045556.D

Acq: 25 Apr 2024 09:33

Instrument :

BNA_M

ClientSampleId :

SLCS418

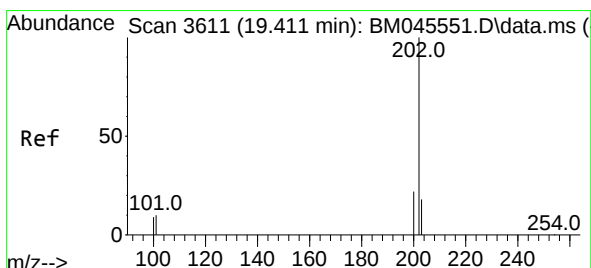
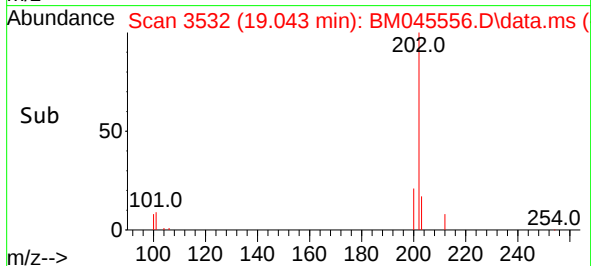
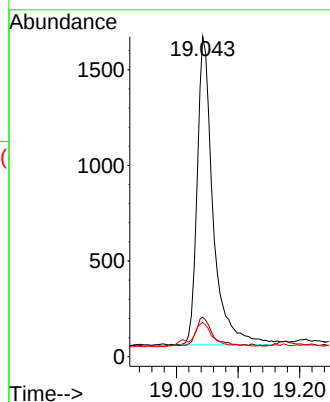
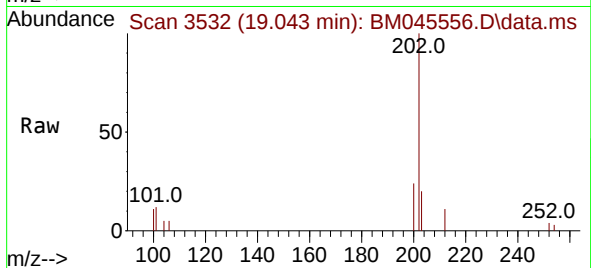
Tgt Ion:202 Resp: 2903

Ion Ratio Lower Upper

202 100

101 12.4 11.2 16.8

100 10.7 9.1 13.7



#20

Pyrene

Concen: 0.335 ng/ul

RT: 19.410 min Scan# 3611

Delta R.T. -0.005 min

Lab File: BM045556.D

Acq: 25 Apr 2024 09:33

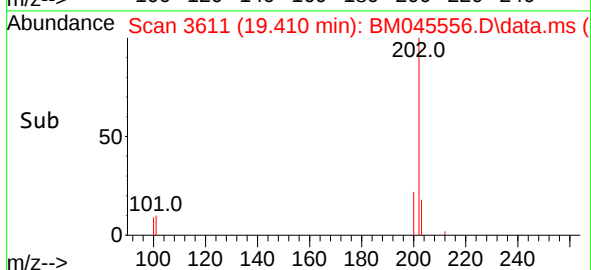
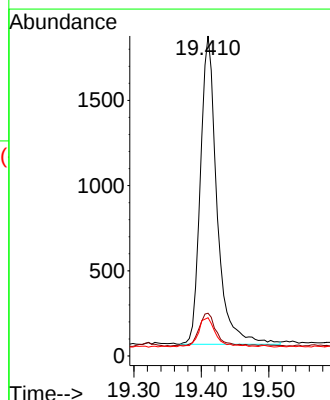
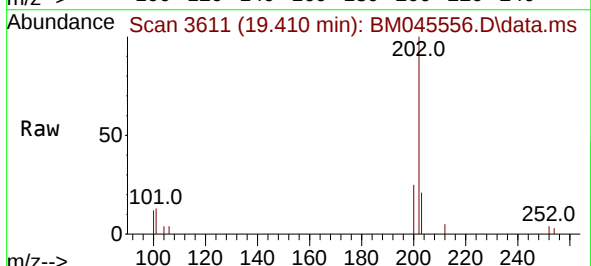
Tgt Ion:202 Resp: 3089

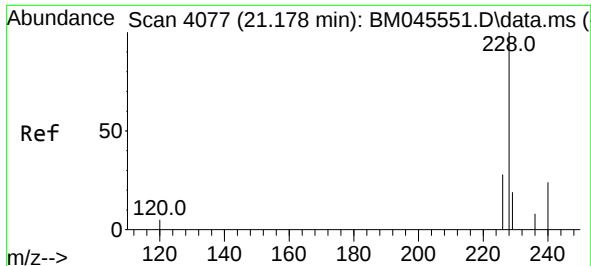
Ion Ratio Lower Upper

202 100

101 13.4 11.5 17.3

100 12.0 10.6 15.8

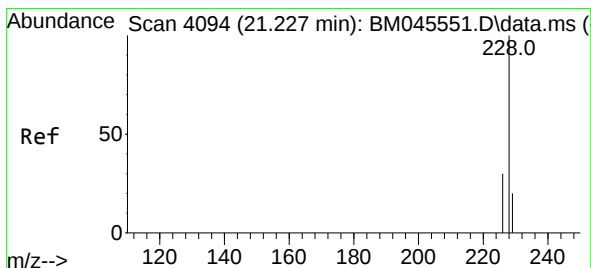
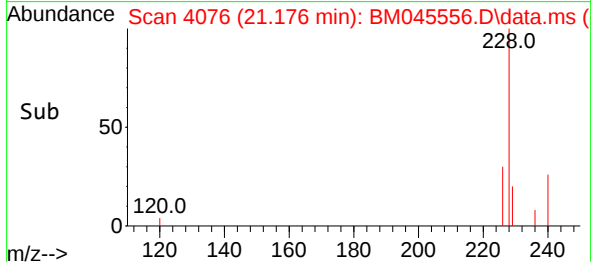
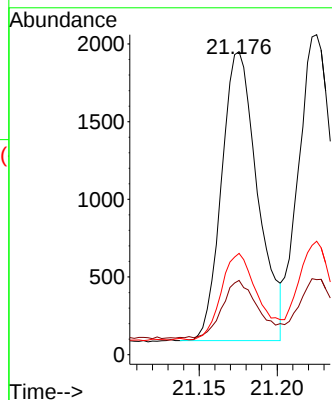
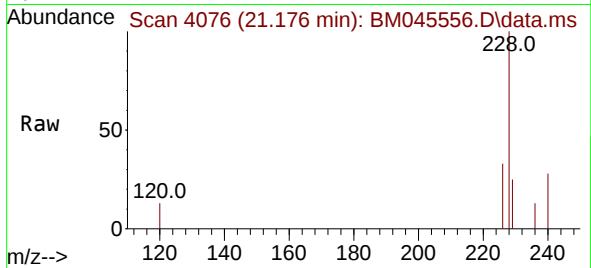




#21
Benzo(a)anthracene
Concen: 0.481 ng/ul
RT: 21.176 min Scan# 4077
Delta R.T. -0.006 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

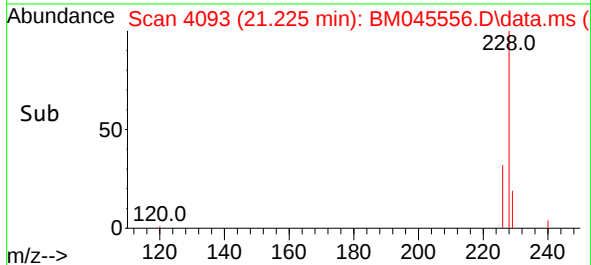
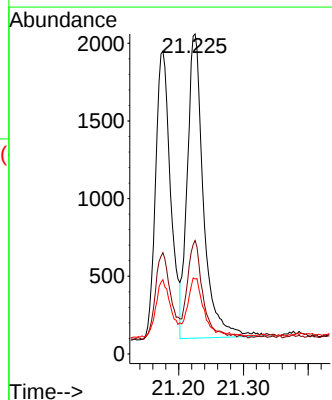
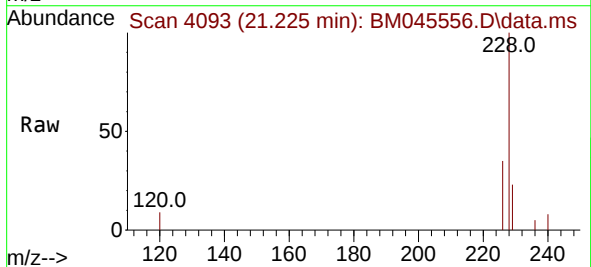
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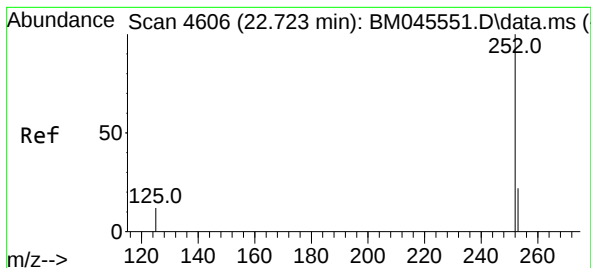
Tgt Ion:228	Resp:	2993	
Ion	Ratio	Lower	Upper
228	100		
229	24.5	19.4	29.2
226	33.4	26.3	39.5



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt	Ion:228	Resp:	3410
Ion	Ratio	Lower	Upper
228	100		
226	35.4	26.3	39.5
229	23.4	17.8	26.8





#24

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 22.721 min Scan# 4605

Delta R.T. -0.009 min

Lab File: BM045556.D

Acq: 25 Apr 2024 09:33

Instrument :

BNA_M

ClientSampleId :

SLCS418

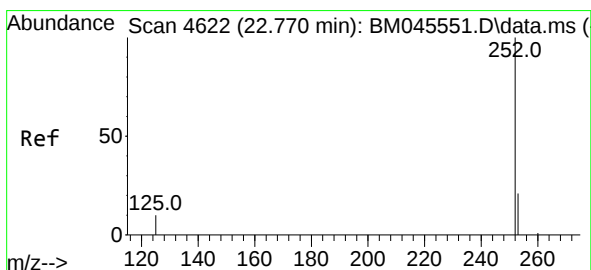
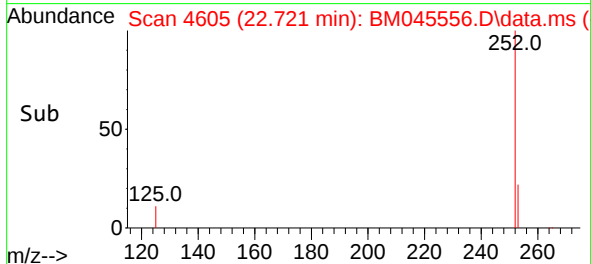
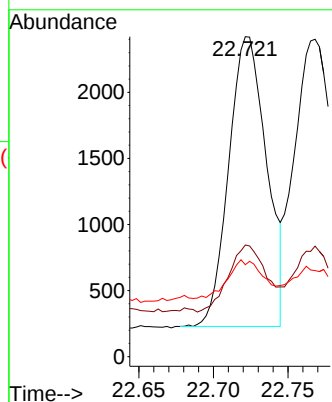
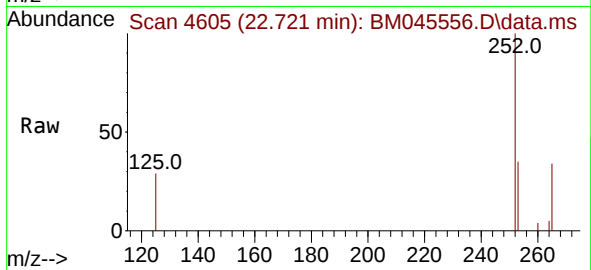
Tgt Ion:252 Resp: 3864

Ion Ratio Lower Upper

252 100

253 34.9 0.0 63.4

125 28.7 0.0 36.8



#25

Benzo(k)fluoranthene

Concen: 0.353 ng/ul

RT: 22.768 min Scan# 4621

Delta R.T. -0.003 min

Lab File: BM045556.D

Acq: 25 Apr 2024 09:33

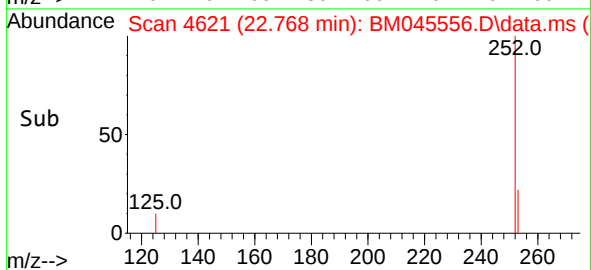
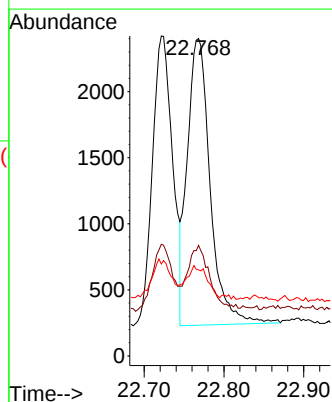
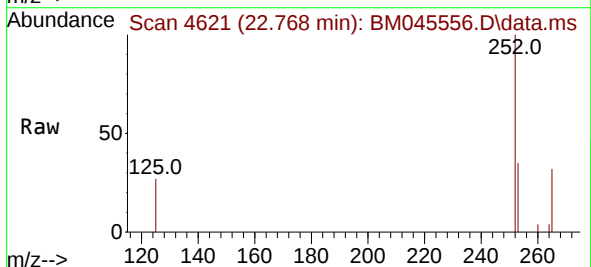
Tgt Ion:252 Resp: 4325

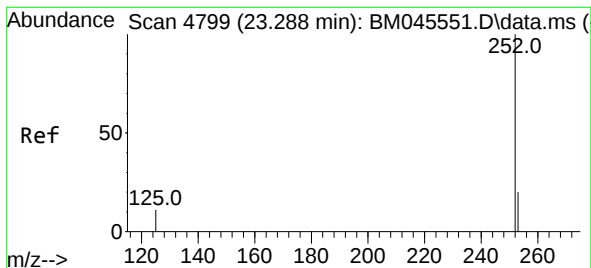
Ion Ratio Lower Upper

252 100

253 34.8 25.4 38.0

125 27.1 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.397 ng/ul

RT: 23.286 min Scan# 4799

Delta R.T. -0.006 min

Lab File: BM045556.D

Acq: 25 Apr 2024 09:33

Instrument :

BNA_M

ClientSampleId :

SLCS418

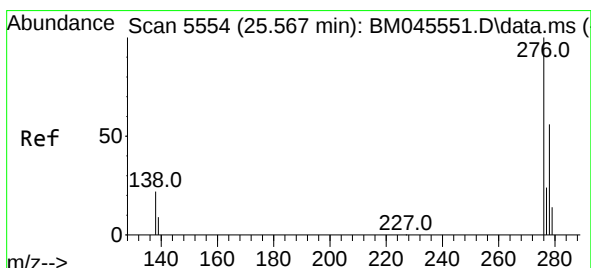
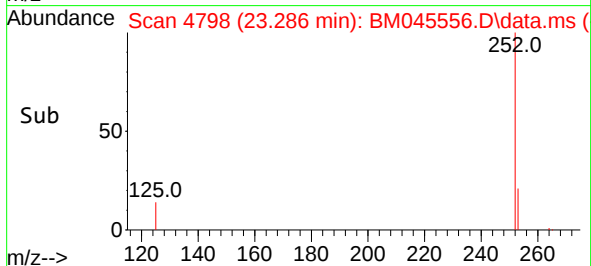
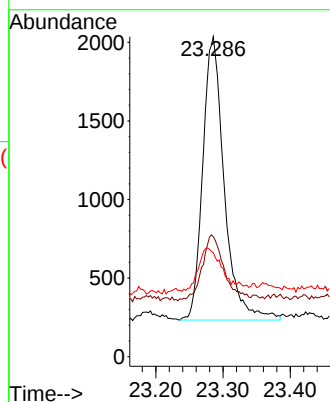
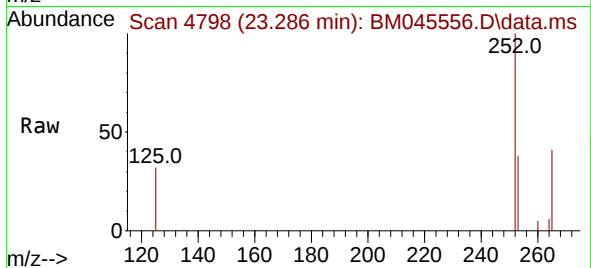
Tgt Ion:252 Resp: 3997

Ion Ratio Lower Upper

252 100

253 37.5 31.6 47.4

125 32.5 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 25.561 min Scan# 5552

Delta R.T. -0.010 min

Lab File: BM045556.D

Acq: 25 Apr 2024 09:33

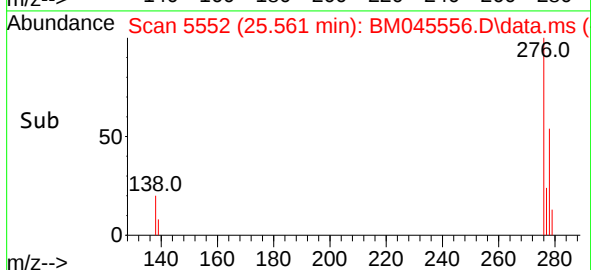
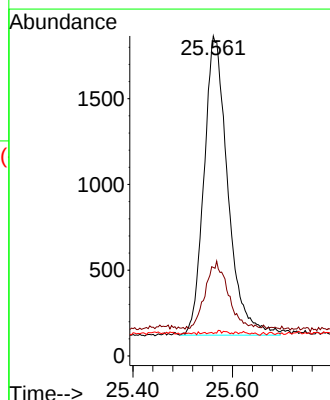
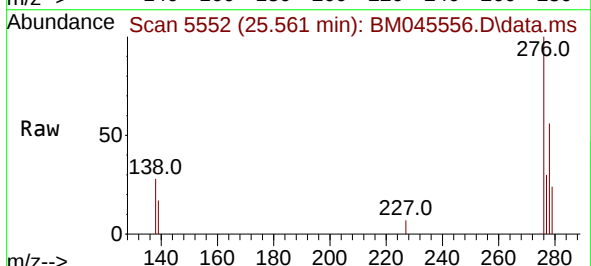
Tgt Ion:276 Resp: 5793

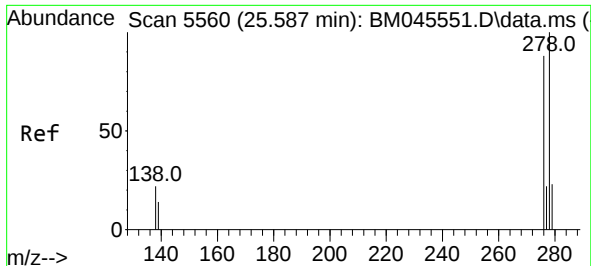
Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6#

227 0.0 0.2 0.2#

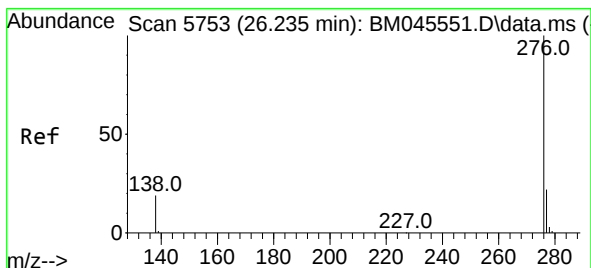
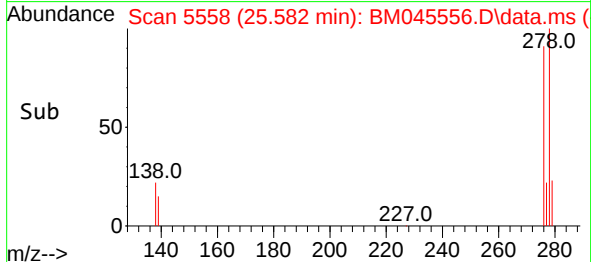
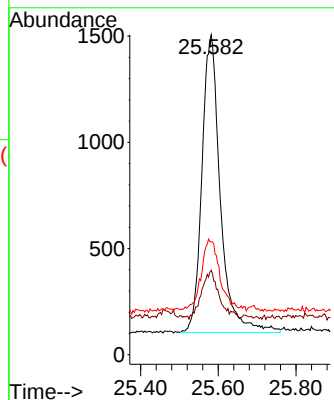
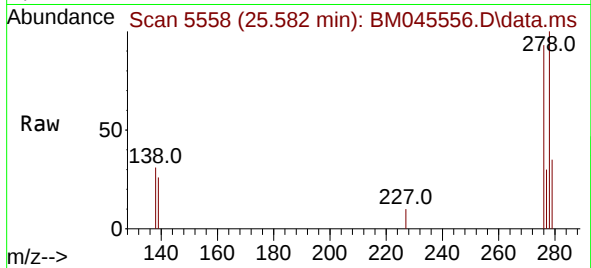




#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 25.582 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:278 Resp: 4625
Ion Ratio Lower Upper
278 100
139 26.3 19.0 28.6
279 35.2 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 26.229 min Scan# 5751
Delta R.T. -0.007 min
Lab File: BM045556.D
Acq: 25 Apr 2024 09:33

Tgt Ion:276 Resp: 4810
Ion Ratio Lower Upper
276 100
138 28.3 20.8 31.2
277 30.2 21.8 32.8

