

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045536.D
 Acq On : 24 Apr 2024 20:42
 Operator : MA/JU
 Sample : P2164-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S90

Quant Time: Apr 24 23:50:16 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)

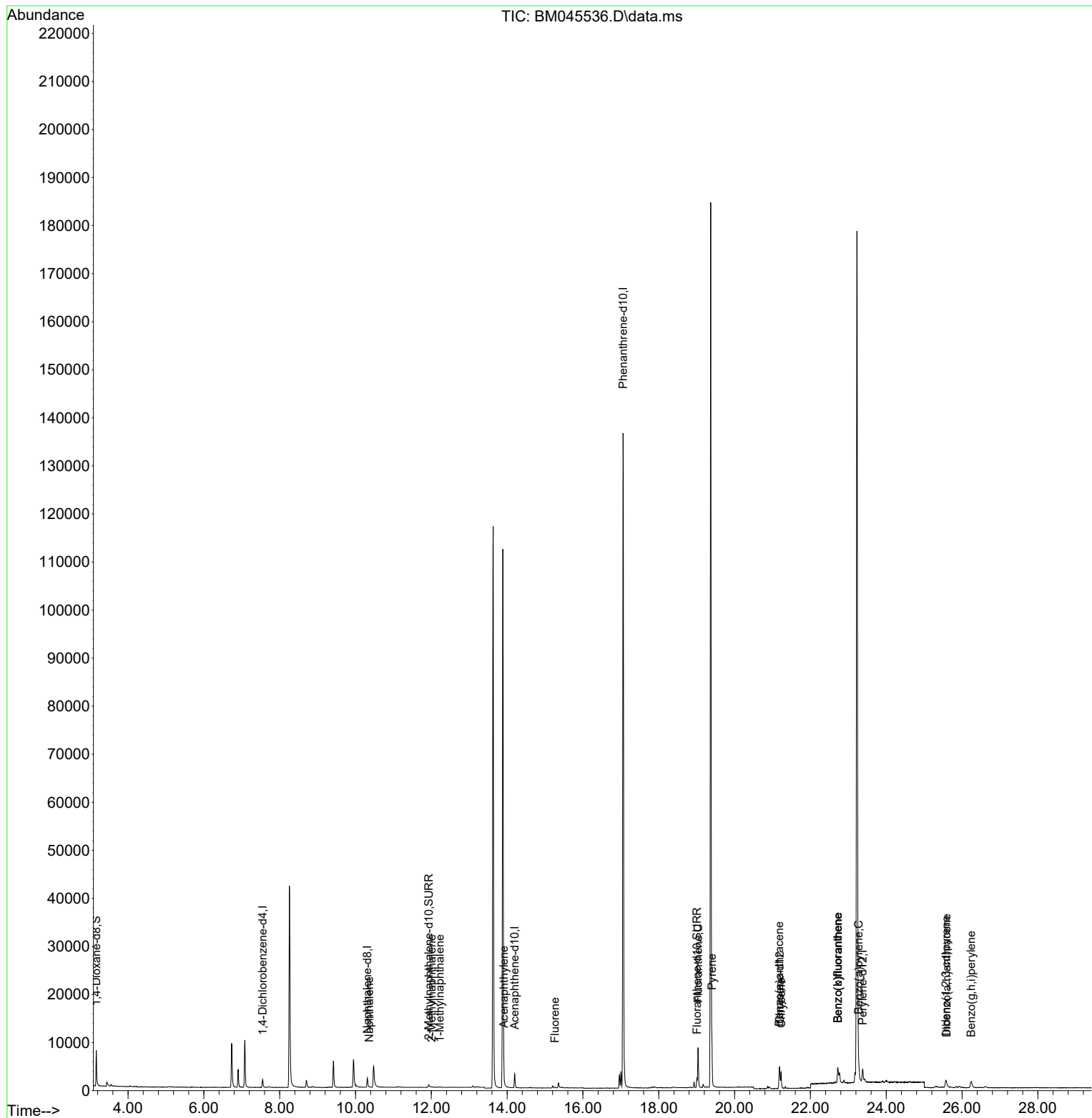
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	924	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2714	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1555	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.060	188	173947	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.190	240	2921	0.400	ng/ul	# 0.00
23) Perylene-d12	23.379	264	4428	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4692	3.788	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	998	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2211	0.240	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	185	0.025	ng/ul#	47
7) 2-Methylnaphthalene	12.008	142	125	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	117	0.025	ng/ul	92
10) Acenaphthylene	13.918	152	407	0.053	ng/ul#	64
12) Fluorene	15.260	166	149	0.024	ng/ul#	89
19) Fluoranthene	19.038	202	7562	0.561	ng/ul#	93
20) Pyrene	19.401	202	7970	0.575	ng/ul#	94
21) Benzo(a)anthracene	21.176	228	2944	0.315	ng/ul	99
22) Chrysene	21.225	228	3580	0.249	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	5860	0.393	ng/ul	93
25) Benzo(k)fluoranthene	22.721	252	6910	0.367	ng/ul#	93
26) Benzo(a)pyrene	23.274	252	3394	0.220	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.575	276	2901	0.129	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.592	278	635	0.036	ng/ul#	39
29) Benzo(g,h,i)perylene	26.242	276	2935	0.145	ng/ul	96

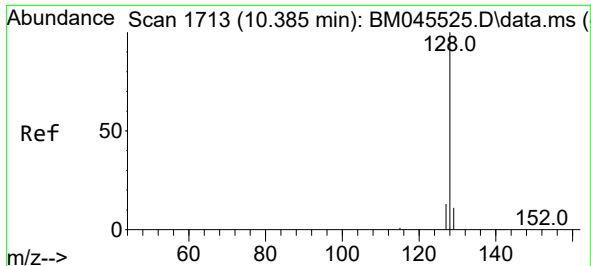
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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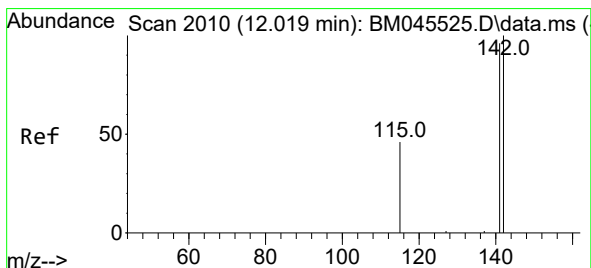
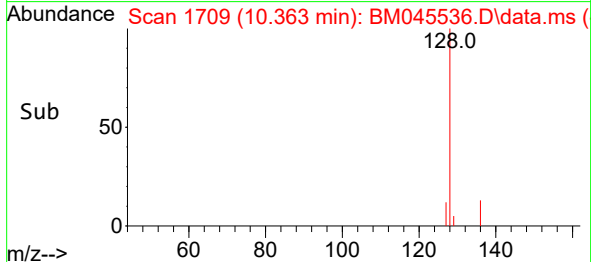
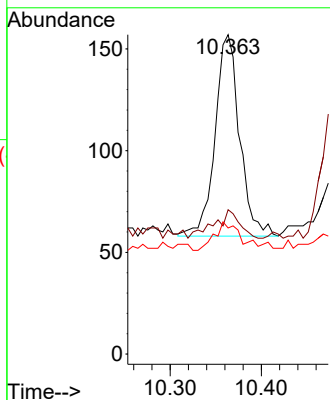
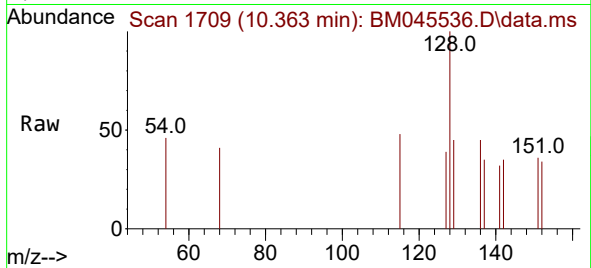




#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.363 min Scan# 1713
Delta R.T. -0.016 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

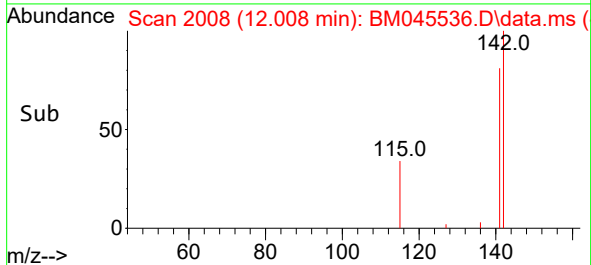
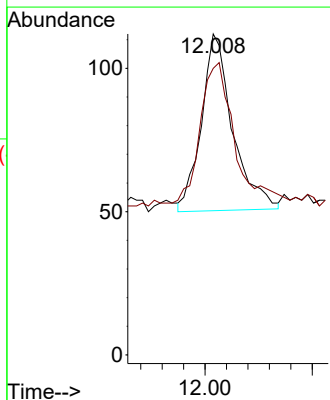
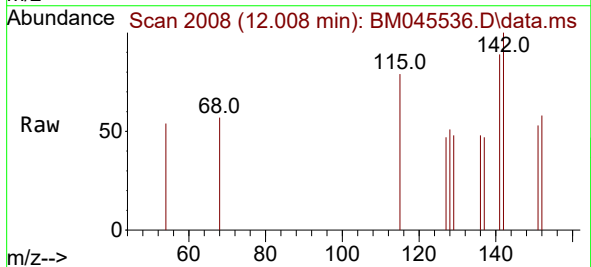
Instrument :
BNA_M
ClientSampleId :
C0S90

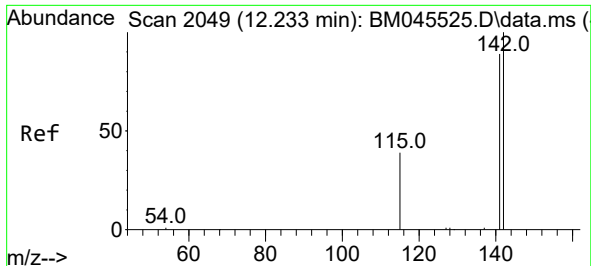
Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 45.2 14.0 21.0#
127 39.5 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
141 90.4 74.6 111.8

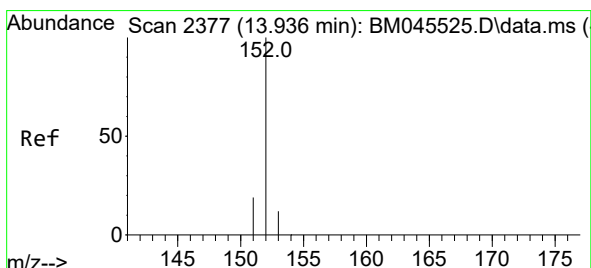
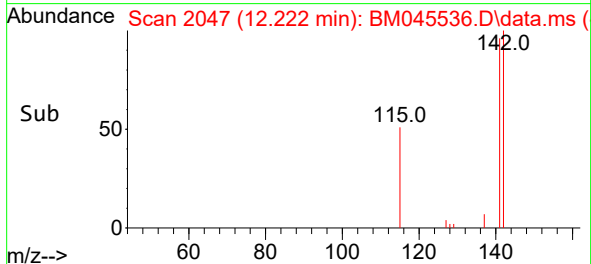
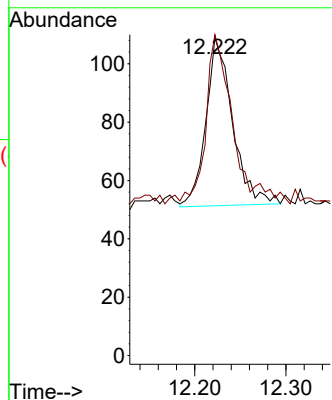
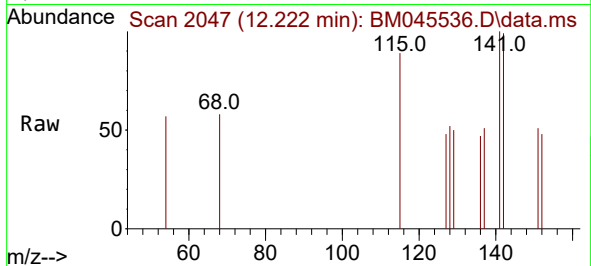




#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

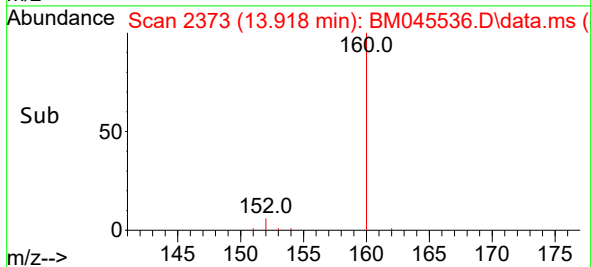
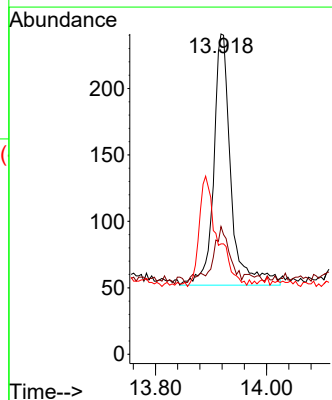
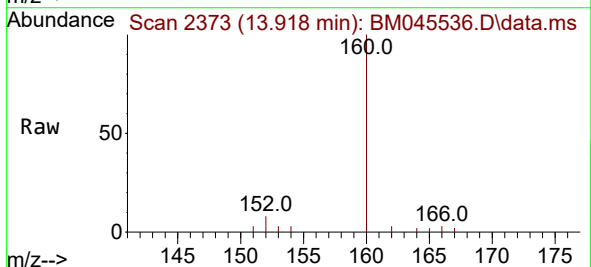
Instrument :
BNA_M
ClientSampleId :
C0S90

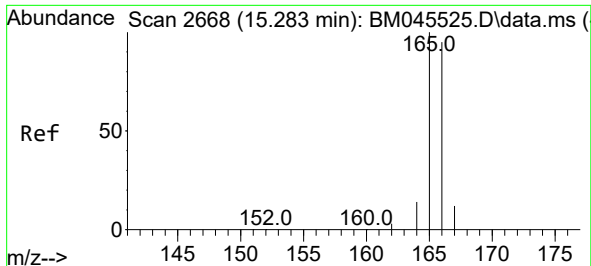
Tgt Ion:142 Resp: 117
Ion Ratio Lower Upper
142 100
141 102.6 76.1 114.1



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

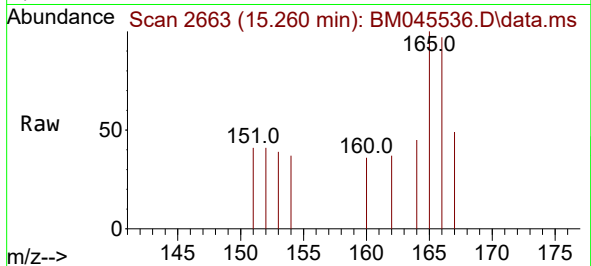
Tgt Ion:152 Resp: 407
Ion Ratio Lower Upper
152 100
151 39.8 18.6 28.0#
153 34.4 14.1 21.1#



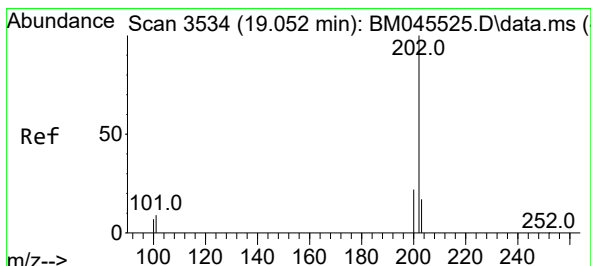
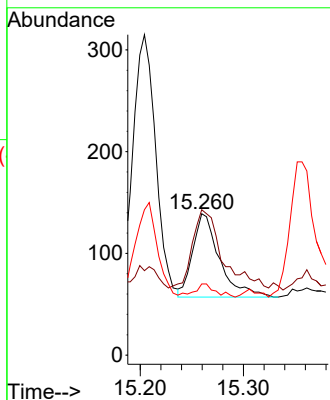
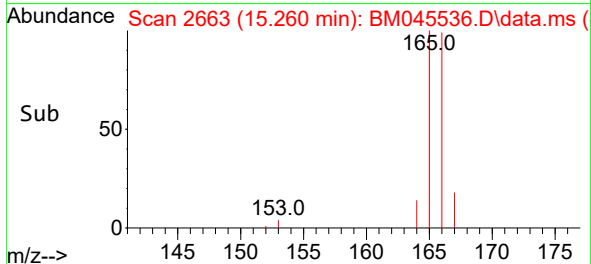


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.260 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

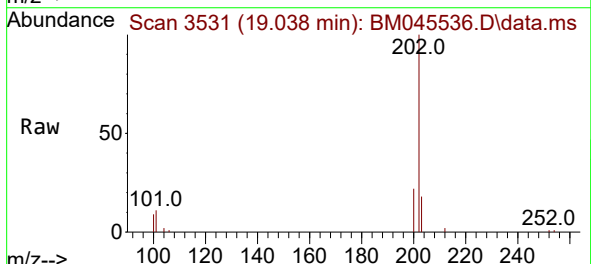
Instrument :
BNA_M
ClientSampleId :
COS90



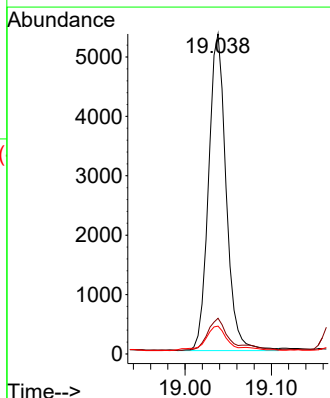
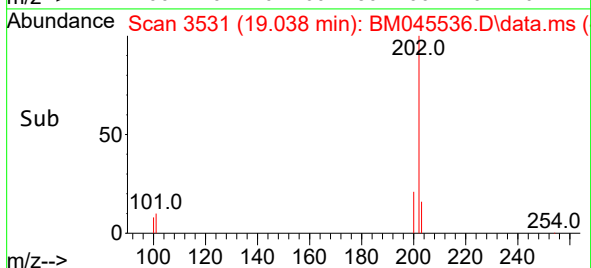
Tgt Ion:166 Resp: 149
Ion Ratio Lower Upper
166 100
165 102.9 82.2 123.2
167 50.4 14.8 22.2#

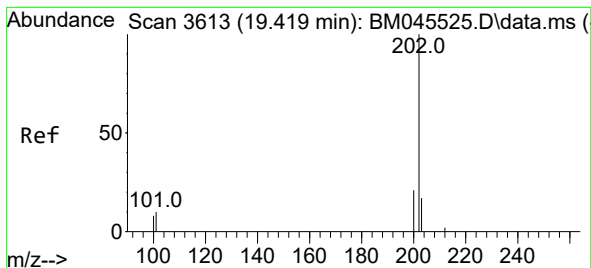


#19
Fluoranthene
Concen: 0.561 ng/ul
RT: 19.038 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42



Tgt Ion:202 Resp: 7562
Ion Ratio Lower Upper
202 100
101 11.1 11.2 16.8#
100 8.7 9.1 13.7#





#20

Pyrene

Concen: 0.575 ng/ul

RT: 19.401 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM045536.D

Acq: 24 Apr 2024 20:42

Instrument :

BNA_M

ClientSampleId :

C0S90

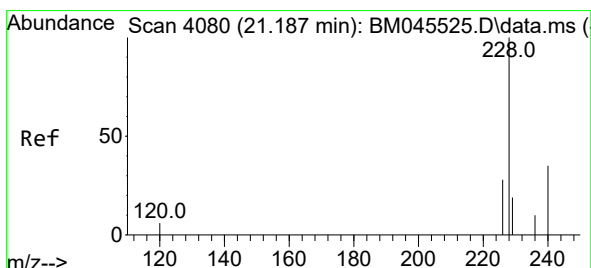
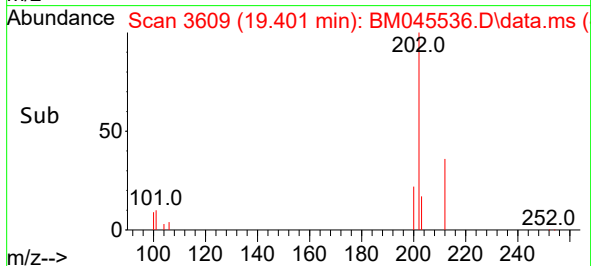
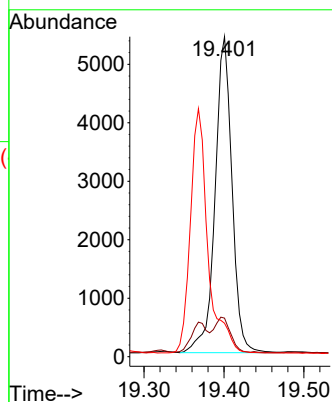
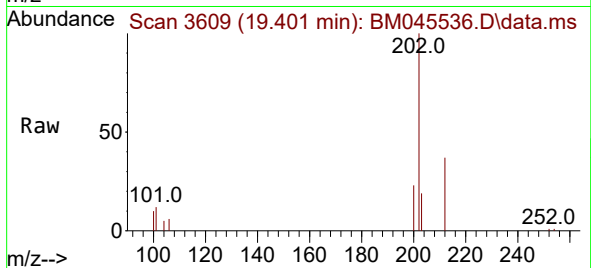
Tgt Ion:202 Resp: 7970

Ion Ratio Lower Upper

202 100

101 12.0 11.5 17.3

100 10.4 10.6 15.8#



#21

Benzo(a)anthracene

Concen: 0.315 ng/ul

RT: 21.176 min Scan# 4076

Delta R.T. -0.006 min

Lab File: BM045536.D

Acq: 24 Apr 2024 20:42

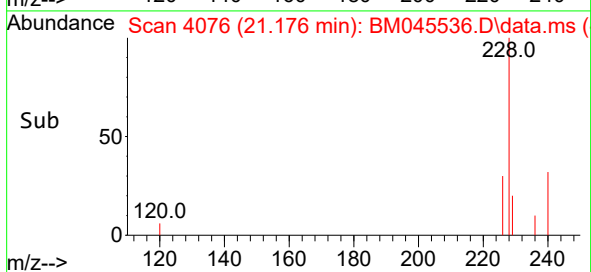
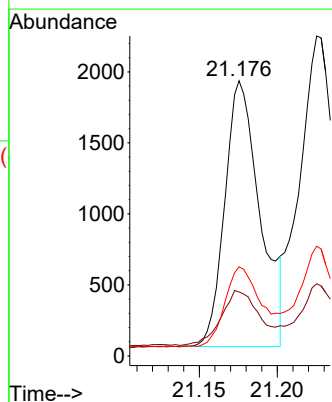
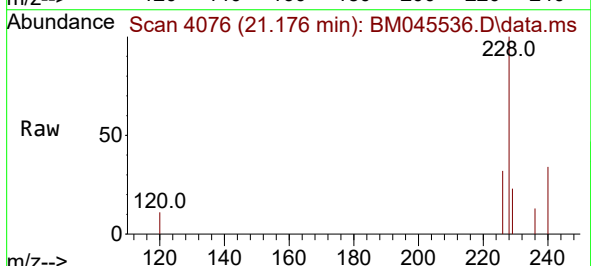
Tgt Ion:228 Resp: 2944

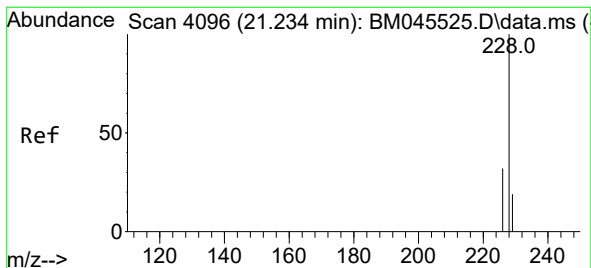
Ion Ratio Lower Upper

228 100

229 23.2 19.4 29.2

226 32.4 26.3 39.5





#22

Chrysene

Concen: 0.249 ng/ul

RT: 21.225 min Scan# 4093

Delta R.T. -0.003 min

Lab File: BM045536.D

Acq: 24 Apr 2024 20:42

Instrument :

BNA_M

ClientSampleId :

COS90

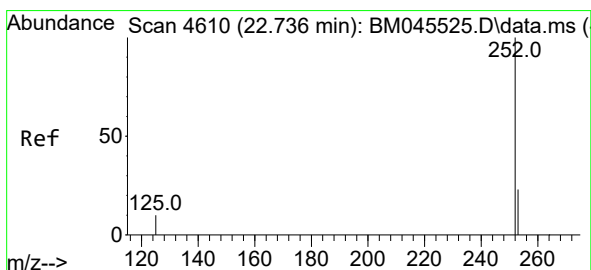
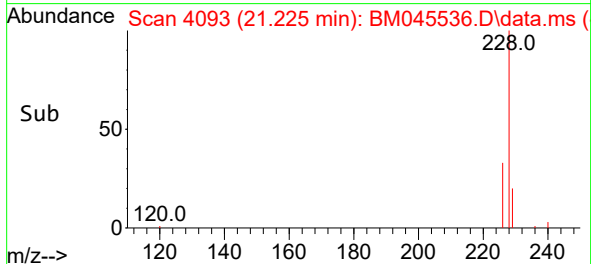
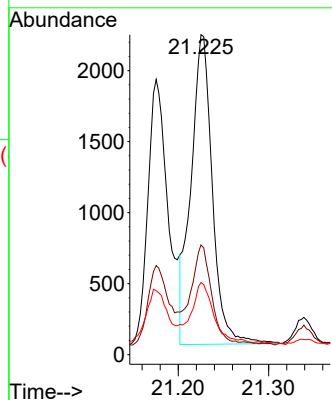
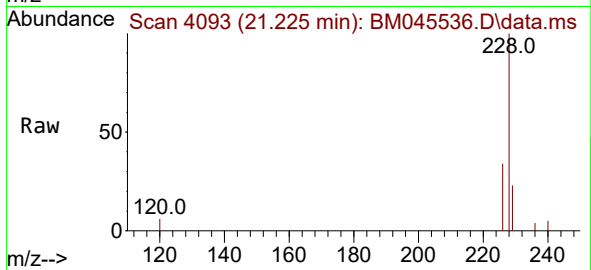
Tgt Ion:228 Resp: 3580

Ion Ratio Lower Upper

228 100

226 34.3 26.3 39.5

229 22.5 17.8 26.8



#24

Benzo(b)fluoranthene

Concen: 0.393 ng/ul

RT: 22.721 min Scan# 4605

Delta R.T. -0.009 min

Lab File: BM045536.D

Acq: 24 Apr 2024 20:42

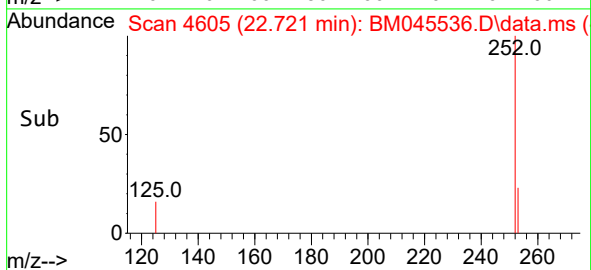
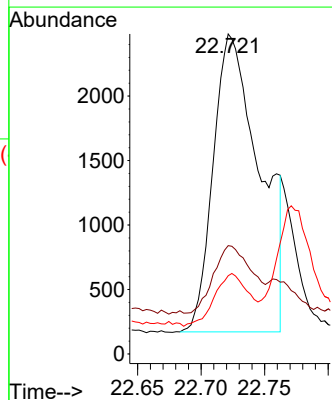
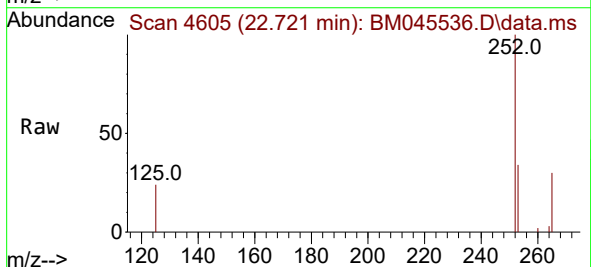
Tgt Ion:252 Resp: 5860

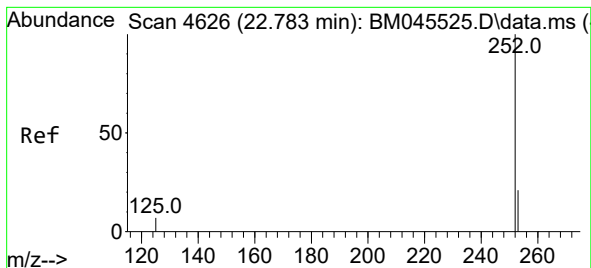
Ion Ratio Lower Upper

252 100

253 33.9 0.0 63.4

125 24.5 0.0 36.8





#25

Benzo(k)fluoranthene

Concen: 0.367 ng/ul

RT: 22.721 min Scan# 4

Delta R.T. -0.050 min

Lab File: BM045536.D

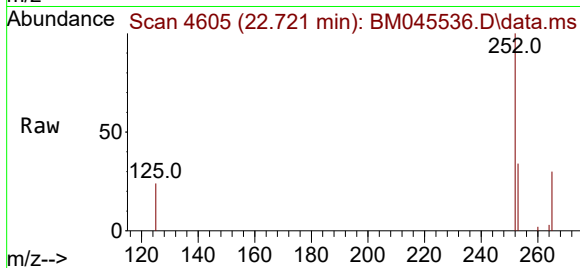
Acq: 24 Apr 2024 20:42

Instrument :

BNA_M

ClientSampleId :

C0S90



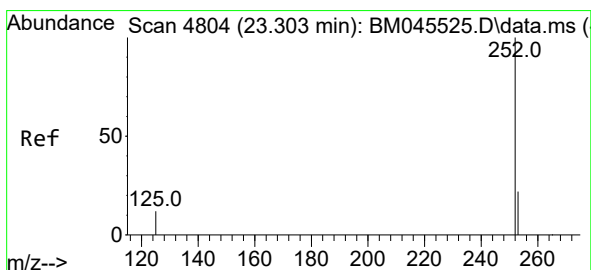
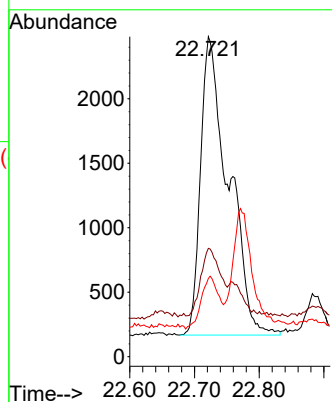
Tgt Ion:252 Resp: 6910

Ion Ratio Lower Upper

252 100

253 33.9 25.4 38.0

125 24.5 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.220 ng/ul

RT: 23.274 min Scan# 4794

Delta R.T. -0.018 min

Lab File: BM045536.D

Acq: 24 Apr 2024 20:42

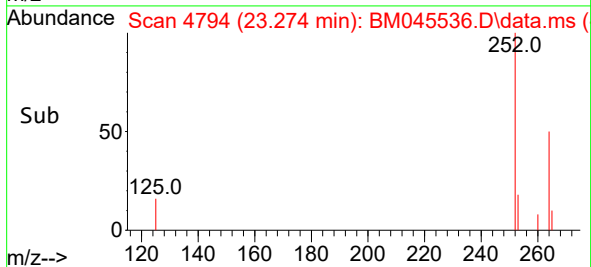
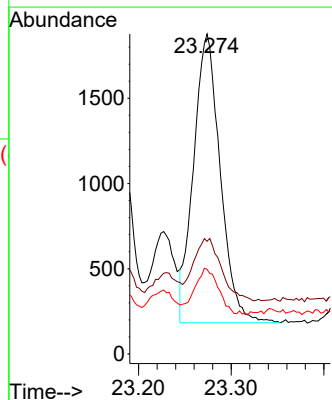
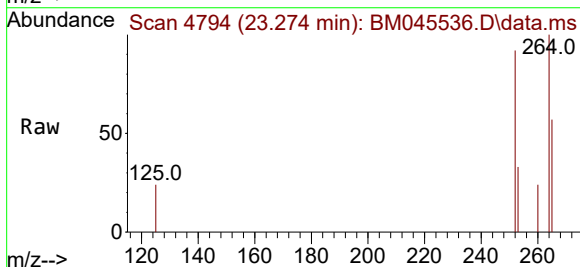
Tgt Ion:252 Resp: 3394

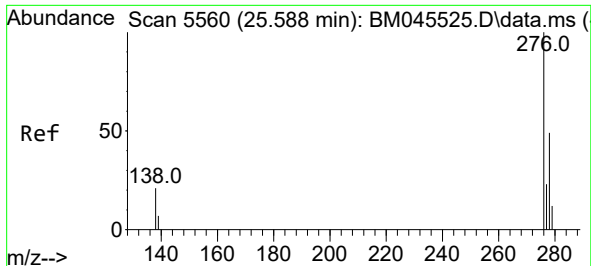
Ion Ratio Lower Upper

252 100

253 35.2 31.6 47.4

125 26.4 19.5 29.3

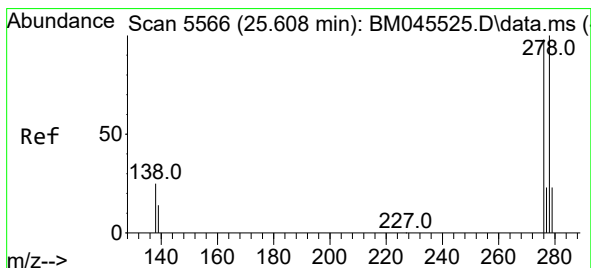
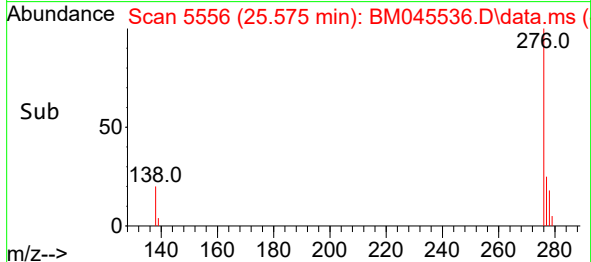
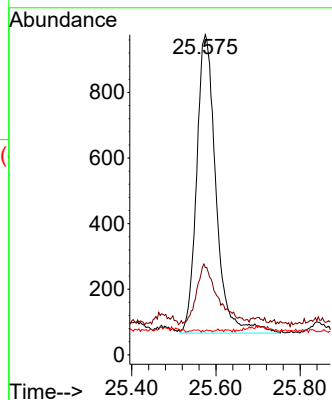
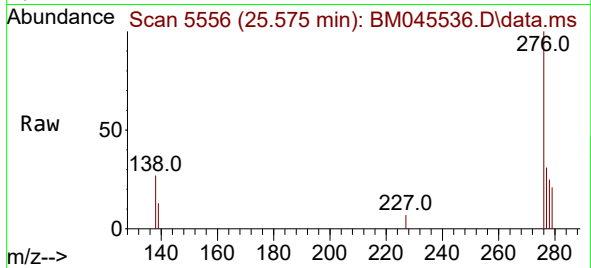




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/ul
RT: 25.575 min Scan# 5556
Delta R.T. 0.003 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

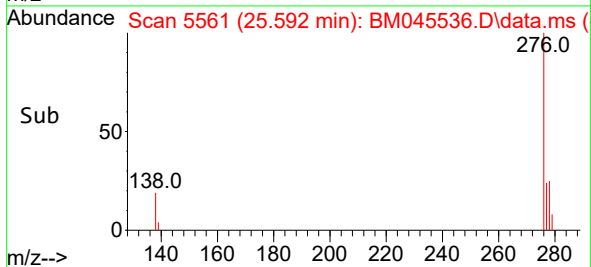
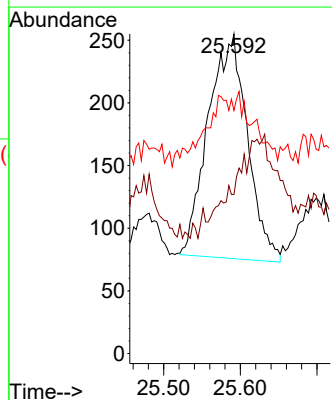
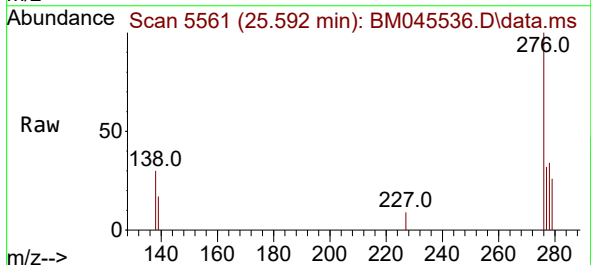
Instrument :
BNA_M
ClientSampleId :
C0S90

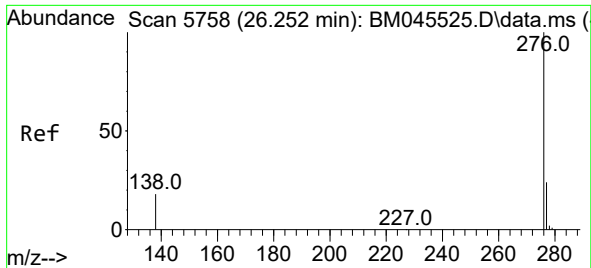
Tgt Ion:276 Resp: 2901
Ion Ratio Lower Upper
276 100
138 21.6 19.8 29.6
227 0.2 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.592 min Scan# 5561
Delta R.T. 0.003 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

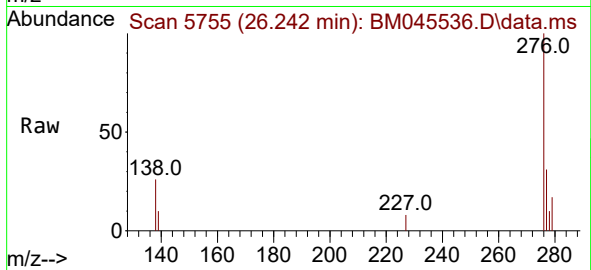
Tgt Ion:278 Resp: 635
Ion Ratio Lower Upper
278 100
139 49.8 19.0 28.6#
279 76.1 29.4 44.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.145 ng/ul
 RT: 26.242 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BM045536.D
 Acq: 24 Apr 2024 20:42

Instrument :
 BNA_M
 ClientSampleId :
 C0S90



Tgt Ion:	276	Resp:	2935
Ion Ratio	Lower	Upper	
276	100		
138	25.6	20.8	31.2
277	30.7	21.8	32.8

