

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045600.D
 Acq On : 26 Apr 2024 22:44
 Operator : MA/JU
 Sample : P2203-22MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX4MSD

Quant Time: Apr 26 23:54:05 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)

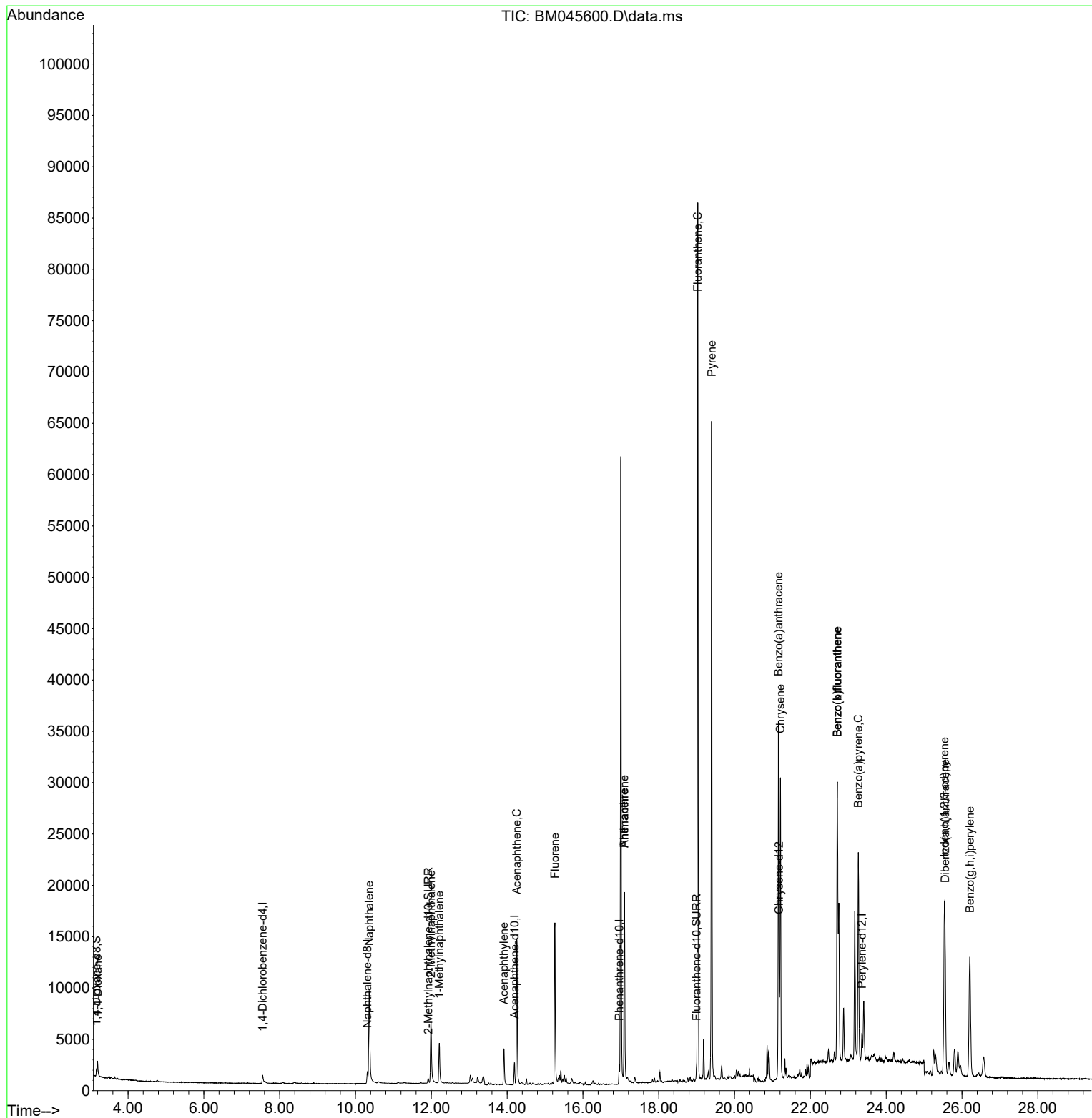
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	2042	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1087	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2297	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240	2177	0.400	ng/ul	#-0.02
23) Perylene-d12	23.361	264	3479	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	504	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	821	0.305	ng/ul	-0.01
18) Fluoranthene-d10	18.997	212	1737	0.253	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	998	1.196	ng/ul#	86
5) Naphthalene	10.363	128	16727	3.050	ng/ul#	87
7) 2-Methylnaphthalene	11.991	142	5467	1.746	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	3179	0.905	ng/ul	98
10) Acenaphthylene	13.914	152	4899	0.914	ng/ul	95
11) Acenaphthene	14.257	153	8990	2.258	ng/ul	96
12) Fluorene	15.260	166	11316	2.657	ng/ul#	97
15) Phenanthrene	17.094	178	21288	3.182	ng/ul	93
16) Anthracene	17.094	178	23132	3.696	ng/ul#	91
19) Fluoranthene	19.030	202	74415	7.407	ng/ul#	89
20) Pyrene	19.397	202	56031	5.426	ng/ul#	90
21) Benzo(a)anthracene	21.160	228	29808	4.284	ng/ul	97
22) Chrysene	21.213	228	29514	2.759	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	44679	3.818	ng/ul	89
25) Benzo(k)fluoranthene	22.712	252	60795	4.112	ng/ul#	89
26) Benzo(a)pyrene	23.264	252	28442	2.343	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.540	276	25904	1.468	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.554	278	9465	0.677	ng/ul	93
29) Benzo(g,h,i)perylene	26.211	276	24132	1.522	ng/ul	93

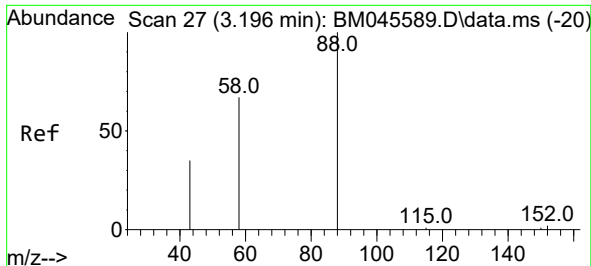
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045600.D
Acq On : 26 Apr 2024 22:44
Operator : MA/JU
Sample : P2203-22MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

Quant Time: Apr 26 23:54:05 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

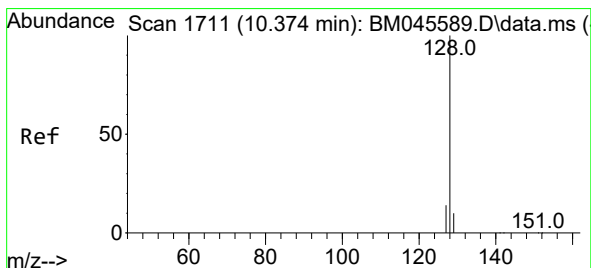
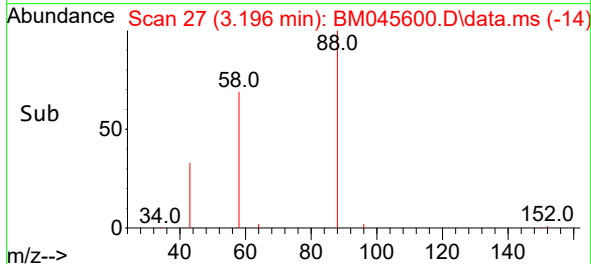
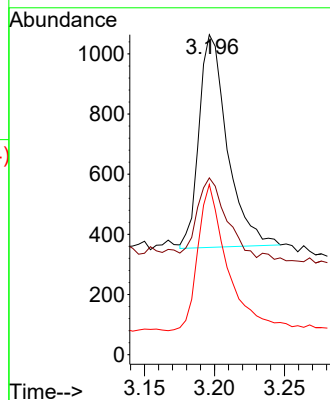
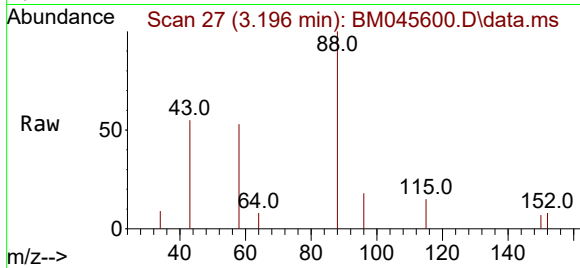




#2
1,4-Dioxane
Concen: 1.196 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

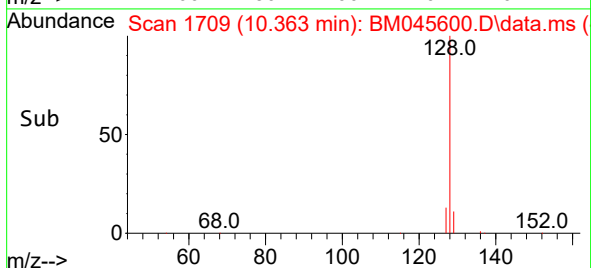
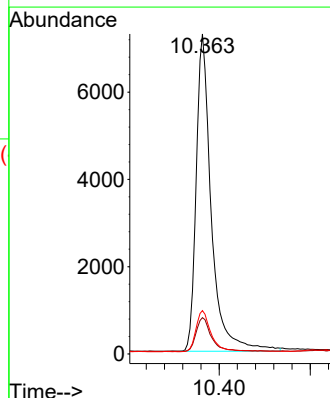
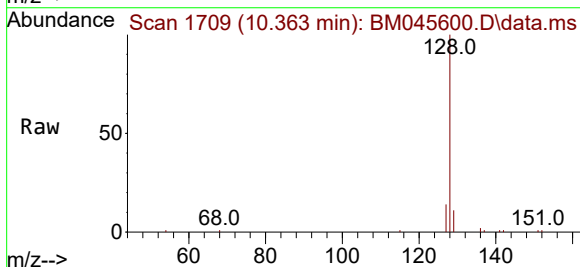
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

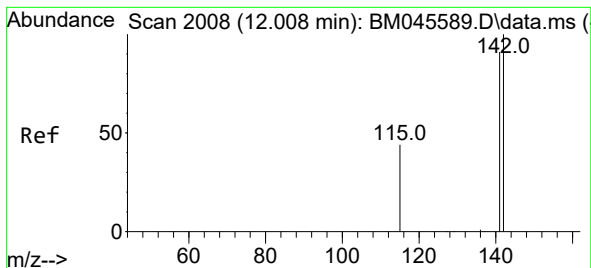
Tgt Ion: 88 Resp: 998
Ion Ratio Lower Upper
88 100
43 55.3 36.8 55.2#
58 53.2 35.4 53.2#



#5
Naphthalene
Concen: 3.050 ng/ul
RT: 10.363 min Scan# 1709
Delta R.T. -0.016 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion: 128 Resp: 16727
Ion Ratio Lower Upper
128 100
129 11.3 14.0 21.0#
127 13.5 15.4 23.2#

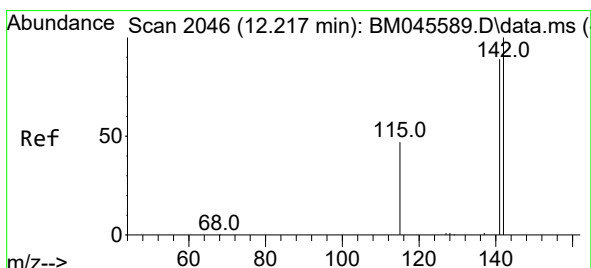
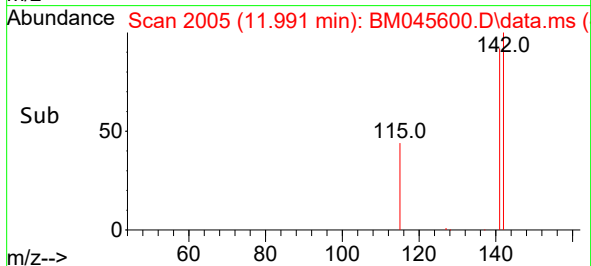
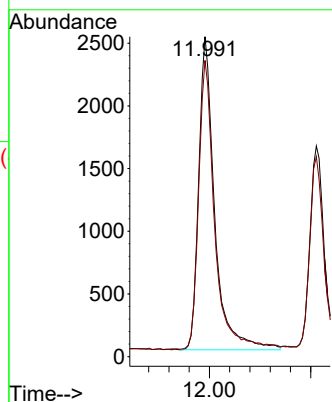
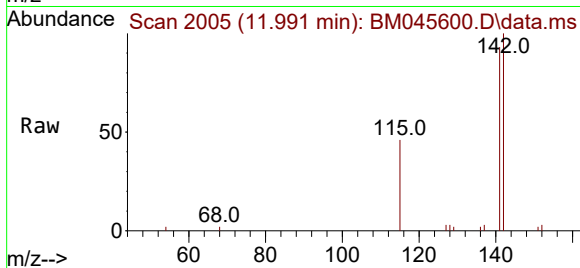




#7
2-Methylnaphthalene
Concen: 1.746 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

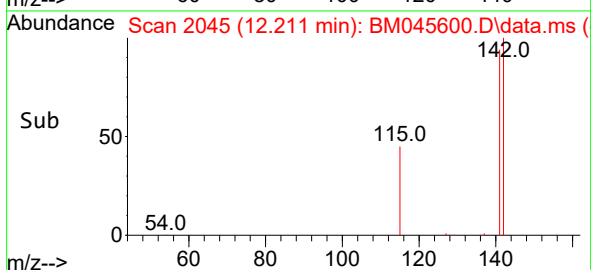
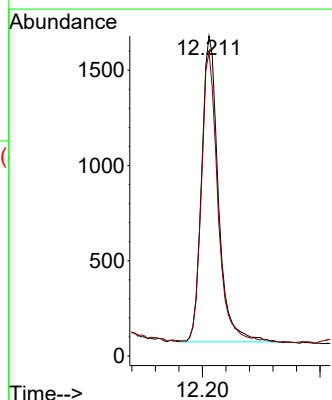
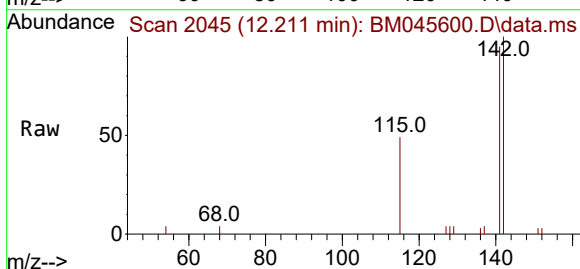
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

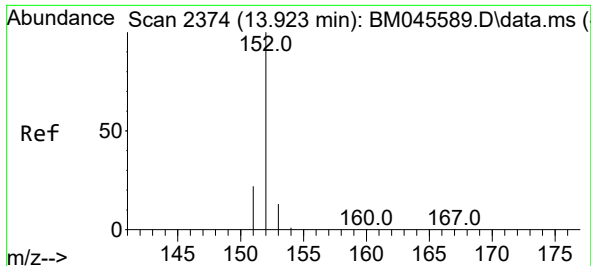
Tgt Ion:142 Resp: 5467
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.905 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:142 Resp: 3179
Ion Ratio Lower Upper
142 100
141 93.2 76.1 114.1

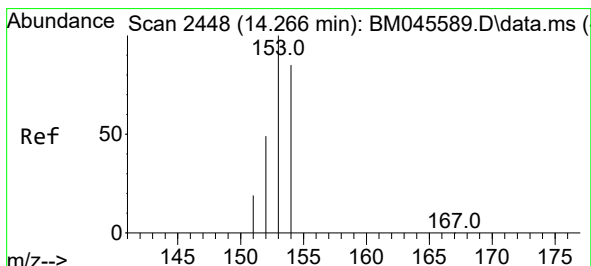
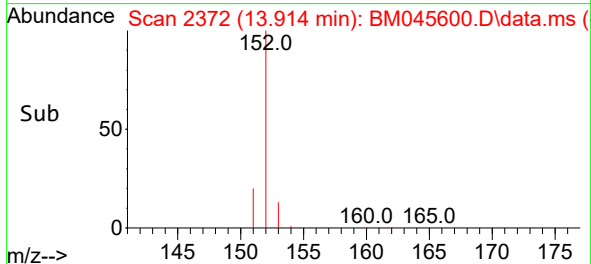
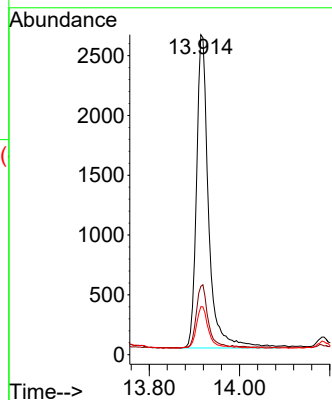
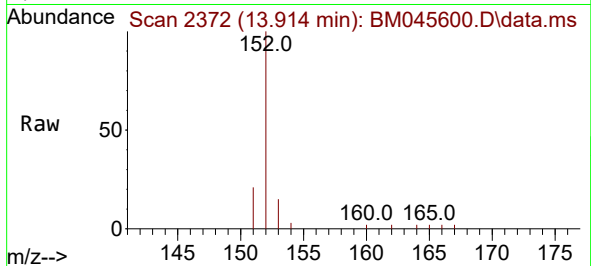




#10
Acenaphthylene
Concen: 0.914 ng/ul
RT: 13.914 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

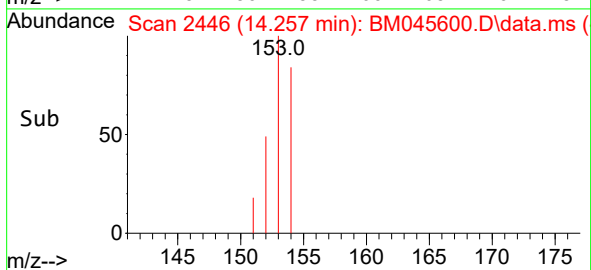
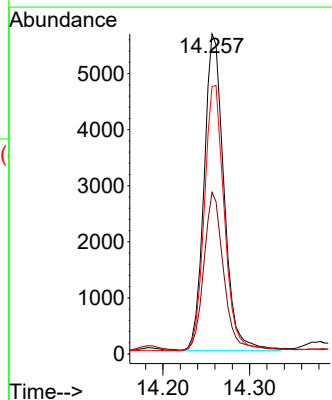
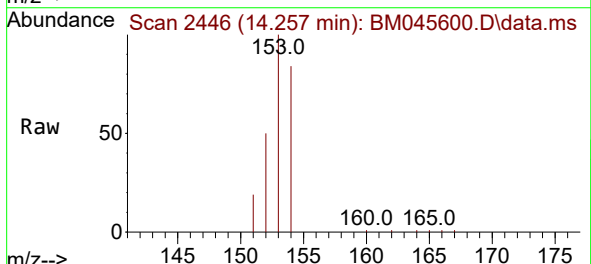
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

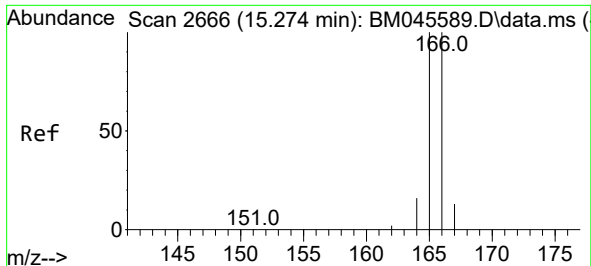
Tgt Ion:152 Resp: 4899
Ion Ratio Lower Upper
152 100
151 21.4 18.6 28.0
153 15.0 14.1 21.1



#11
Acenaphthene
Concen: 2.258 ng/ul
RT: 14.257 min Scan# 2446
Delta R.T. -0.013 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:153 Resp: 8990
Ion Ratio Lower Upper
153 100
152 50.5 43.4 65.2
154 83.6 69.0 103.6

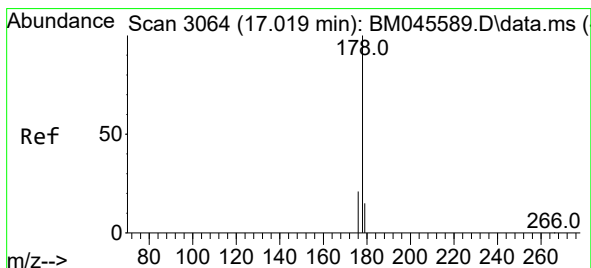
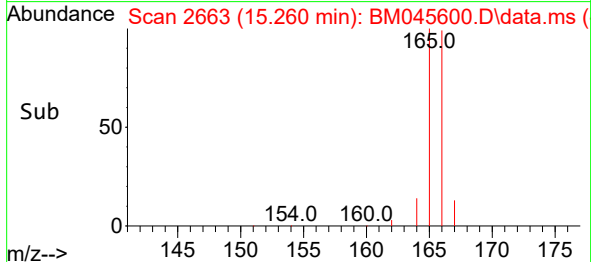
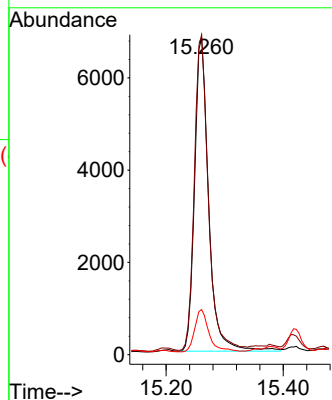
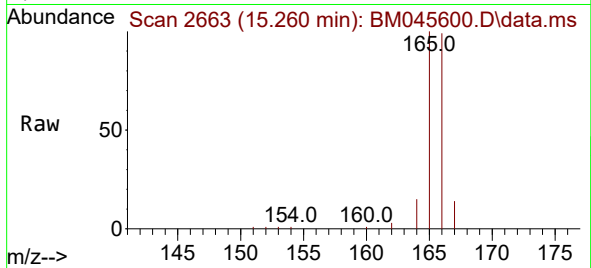




#12
Fluorene
Concen: 2.657 ng/ul
RT: 15.260 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

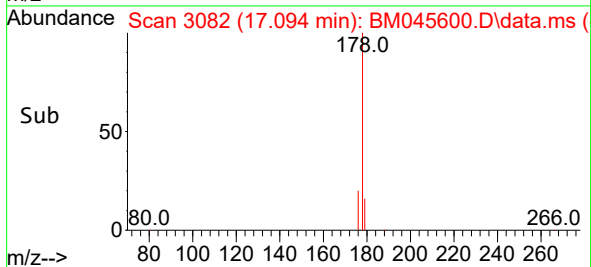
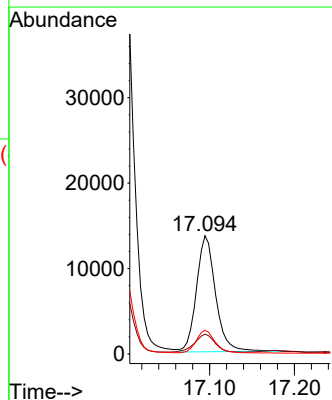
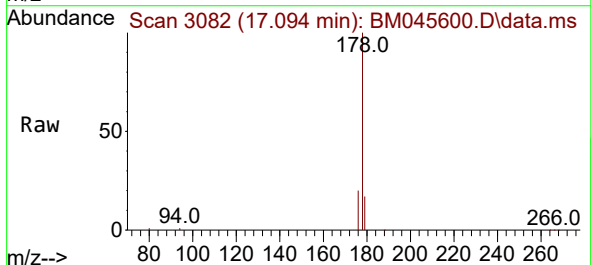
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

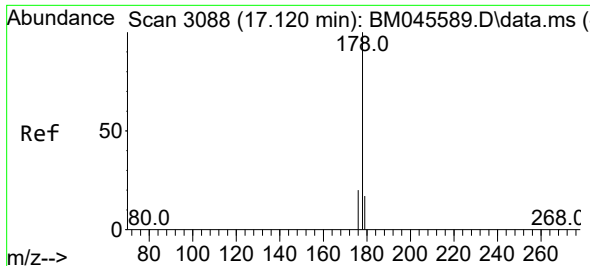
Tgt Ion:166 Resp: 11316
Ion Ratio Lower Upper
166 100
165 101.2 82.2 123.2
167 14.3 14.8 22.2#



#15
Phenanthrene
Concen: 3.182 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. 0.073 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:178 Resp: 21288
Ion Ratio Lower Upper
178 100
179 16.7 15.4 23.2
176 20.0 19.0 28.4

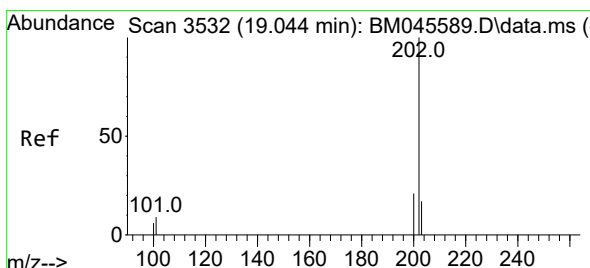
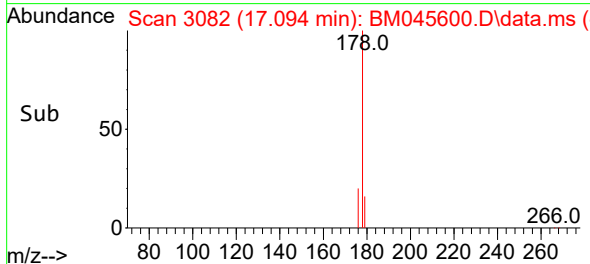
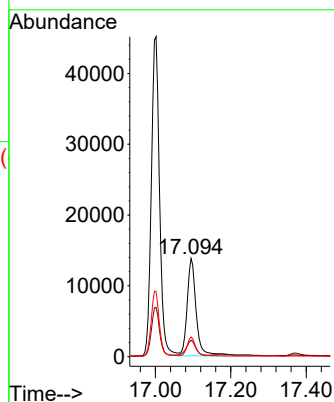
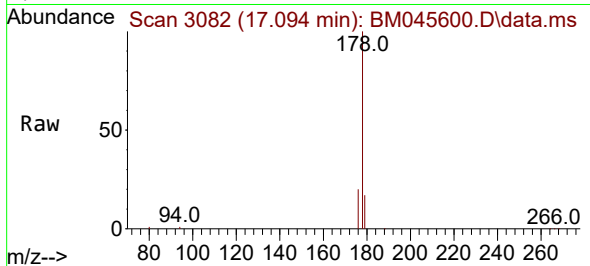




#16
Anthracene
Concen: 3.696 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.024 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

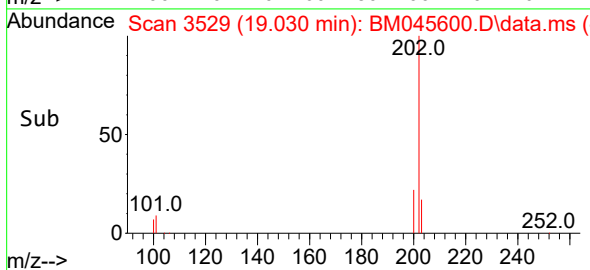
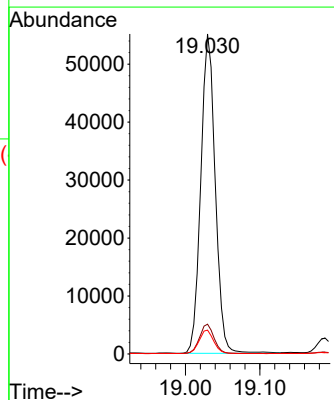
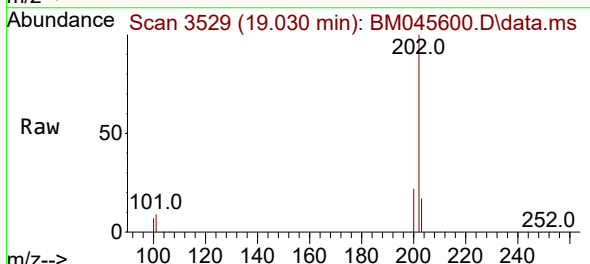
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

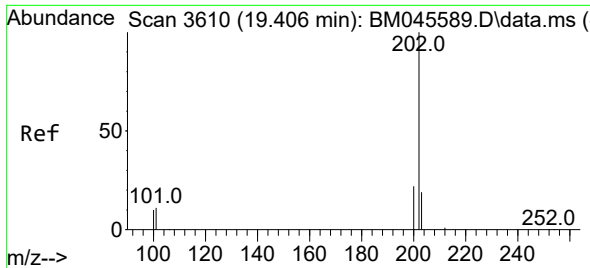
Tgt Ion:178 Resp: 23132
Ion Ratio Lower Upper
178 100
179 16.7 17.8 26.6#
176 20.0 18.7 28.1



#19
Fluoranthene
Concen: 7.407 ng/ul
RT: 19.030 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:202 Resp: 74415
Ion Ratio Lower Upper
202 100
101 9.3 11.2 16.8#
100 7.5 9.1 13.7#

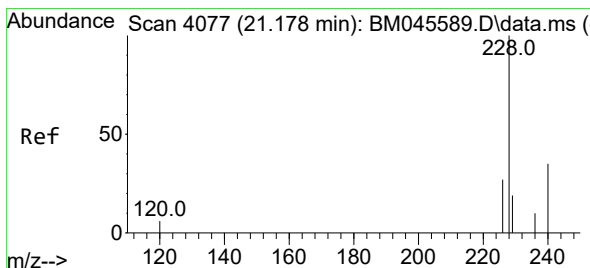
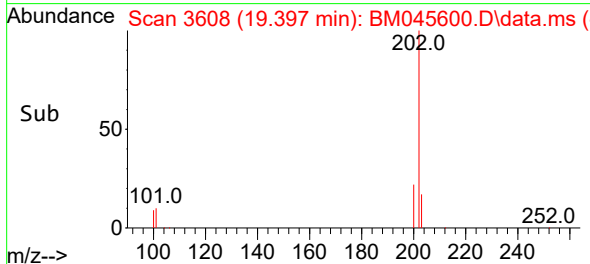
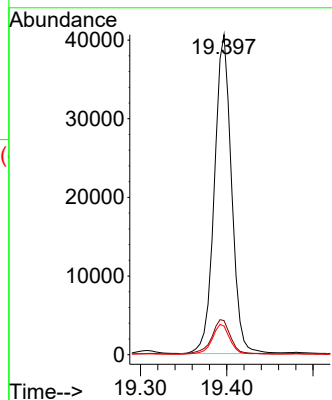
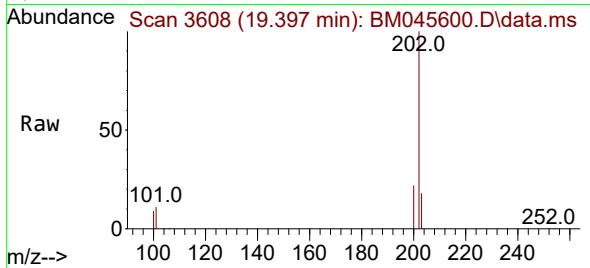




#20
Pyrene
Concen: 5.426 ng/ul
RT: 19.397 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

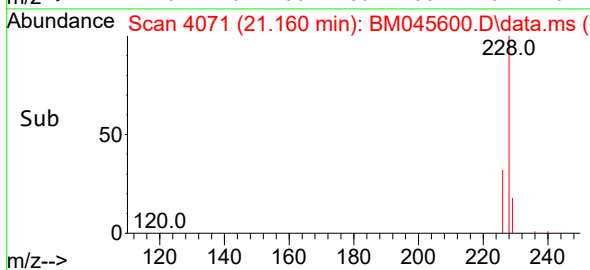
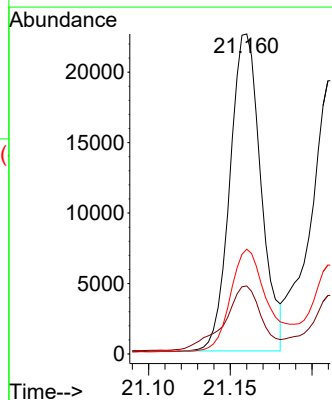
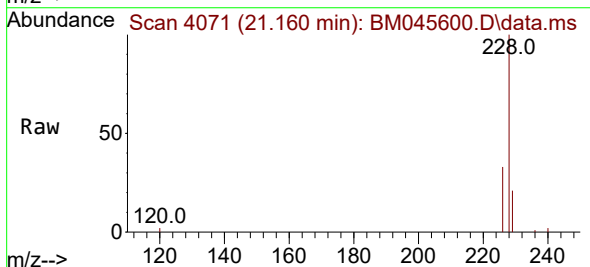
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

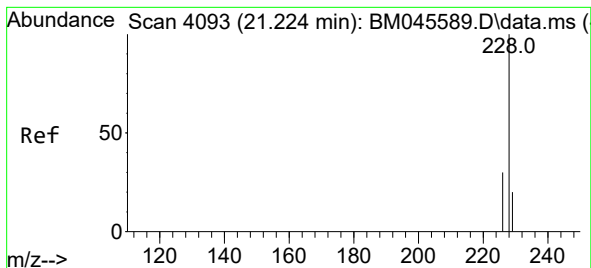
Tgt Ion:202 Resp: 56031
Ion Ratio Lower Upper
202 100
101 10.6 11.5 17.3#
100 9.0 10.6 15.8#



#21
Benzo(a)anthracene
Concen: 4.284 ng/ul
RT: 21.160 min Scan# 4071
Delta R.T. -0.021 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:228 Resp: 29808
Ion Ratio Lower Upper
228 100
229 21.2 19.4 29.2
226 32.8 26.3 39.5





#22

Chrysene

Concen: 2.759 ng/ul

RT: 21.213 min Scan# 4089

Delta R.T. -0.015 min

Lab File: BM045600.D

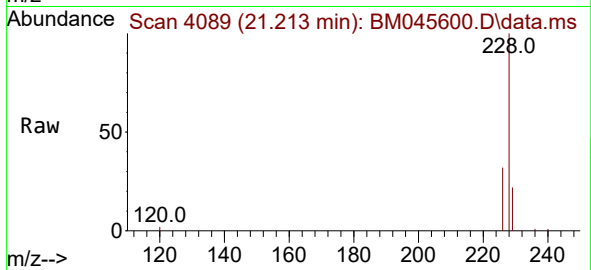
Acq: 26 Apr 2024 22:44

Instrument :

BNA_N

ClientSampleId :

E1CX4MSD



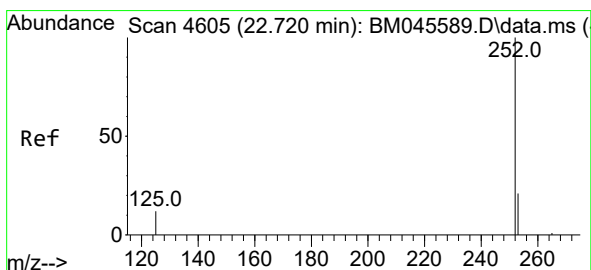
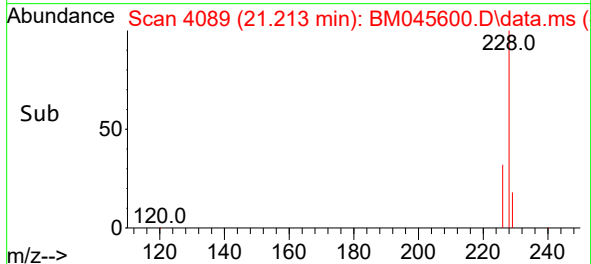
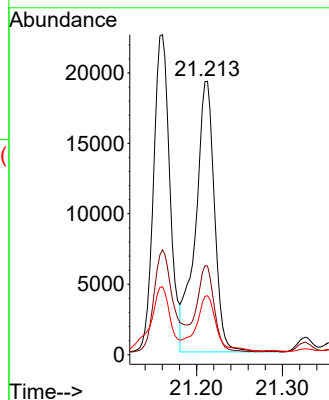
Tgt Ion:228 Resp: 29514

Ion Ratio Lower Upper

228 100

226 32.4 26.3 39.5

229 21.5 17.8 26.8



#24

Benzo(b)fluoranthene

Concen: 3.818 ng/ul

RT: 22.712 min Scan# 4602

Delta R.T. -0.018 min

Lab File: BM045600.D

Acq: 26 Apr 2024 22:44

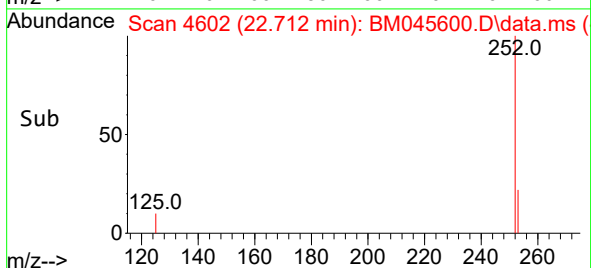
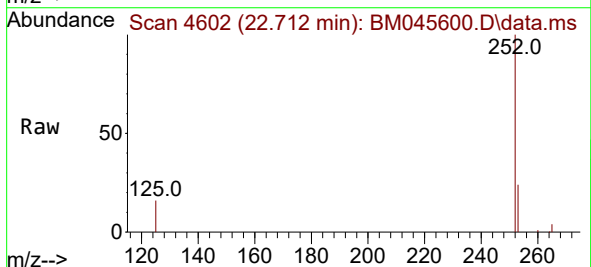
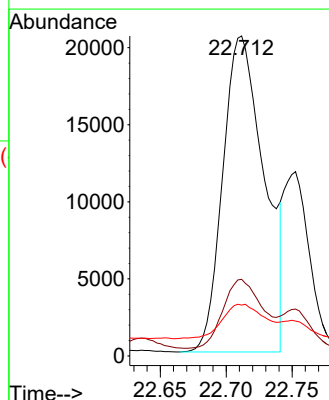
Tgt Ion:252 Resp: 44679

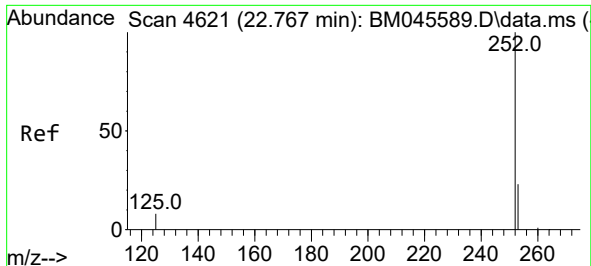
Ion Ratio Lower Upper

252 100

253 24.0 0.0 63.4

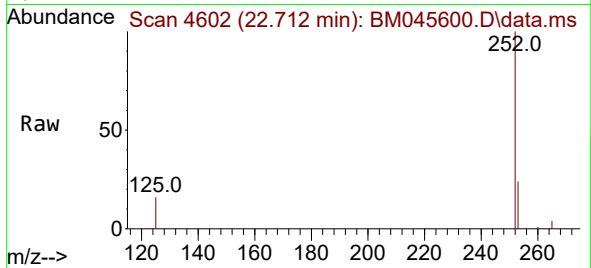
125 15.9 0.0 36.8



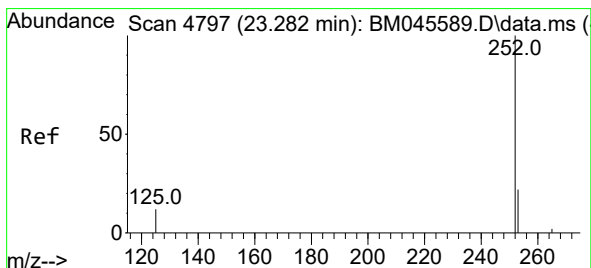
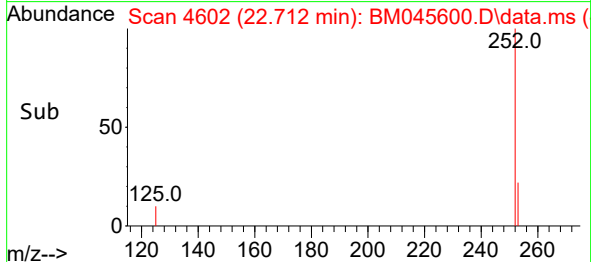
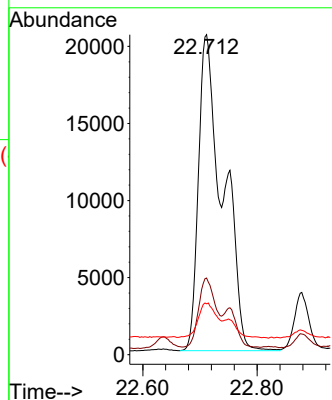


#25
Benzo(k)fluoranthene
Concen: 4.112 ng/ul
RT: 22.712 min Scan# 4602
Delta R.T. -0.059 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

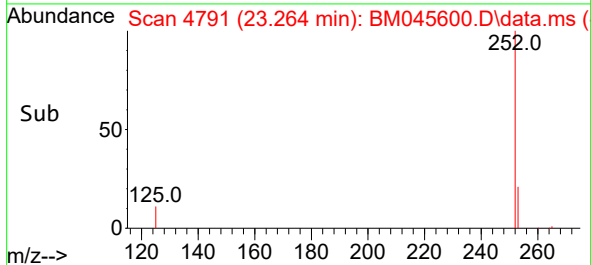
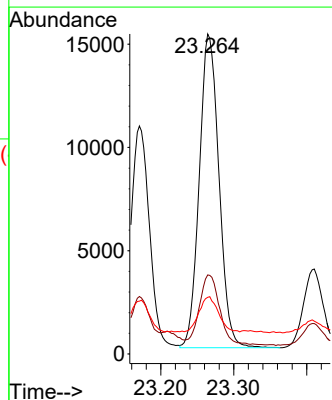
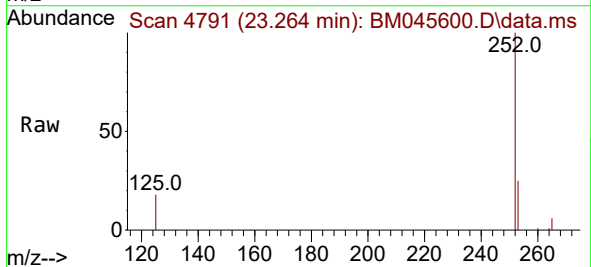


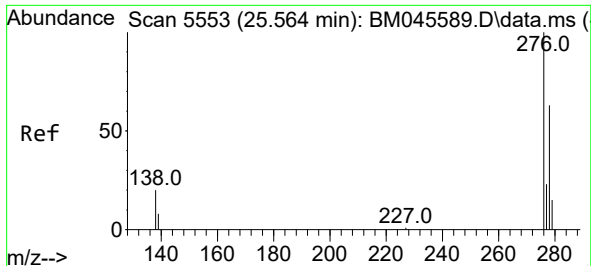
Tgt Ion:252 Resp: 60795
Ion Ratio Lower Upper
252 100
253 24.0 25.4 38.0#
125 15.9 14.8 22.2



#26
Benzo(a)pyrene
Concen: 2.343 ng/ul
RT: 23.264 min Scan# 4791
Delta R.T. -0.027 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:252 Resp: 28442
Ion Ratio Lower Upper
252 100
253 24.7 31.6 47.4#
125 17.7 19.5 29.3#

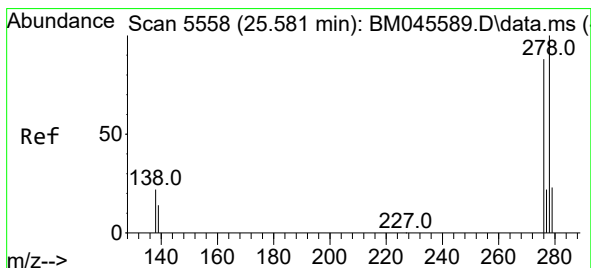
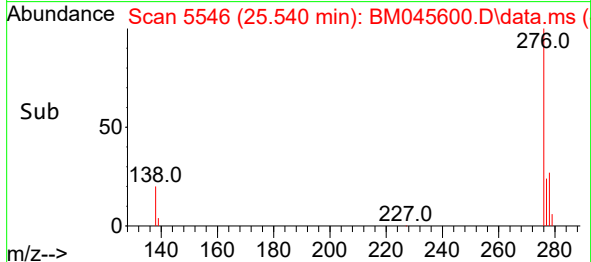
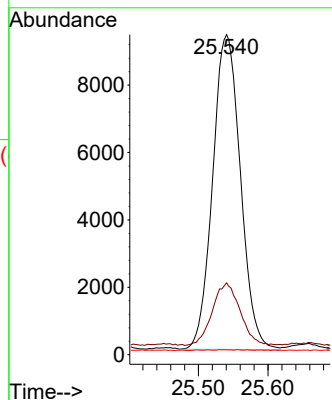
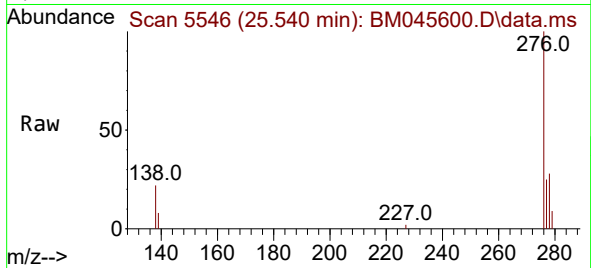




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.468 ng/ul
 RT: 25.540 min Scan# 51
 Delta R.T. -0.031 min
 Lab File: BM045600.D
 Acq: 26 Apr 2024 22:44

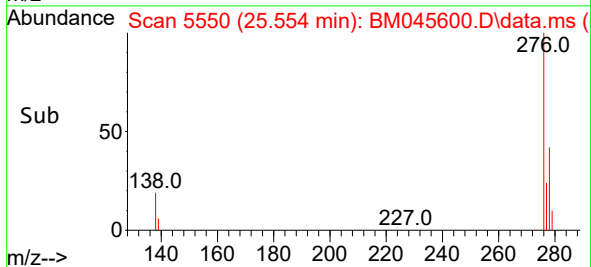
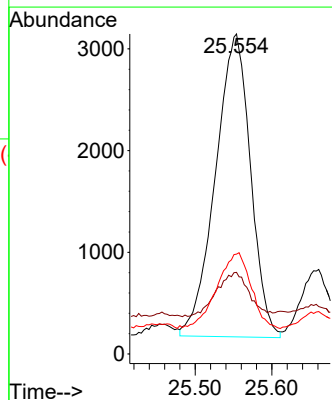
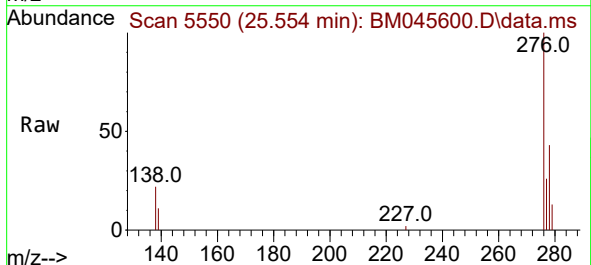
Instrument :
 BNA_N
 ClientSampleId :
 E1CX4MSD

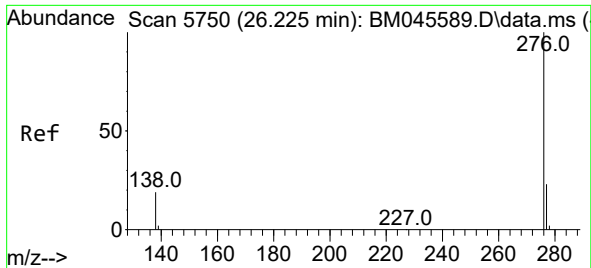
Tgt Ion:276 Resp: 25904
 Ion Ratio Lower Upper
 276 100
 138 19.8 19.8 29.6
 227 0.1 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.677 ng/ul
 RT: 25.554 min Scan# 5550
 Delta R.T. -0.034 min
 Lab File: BM045600.D
 Acq: 26 Apr 2024 22:44

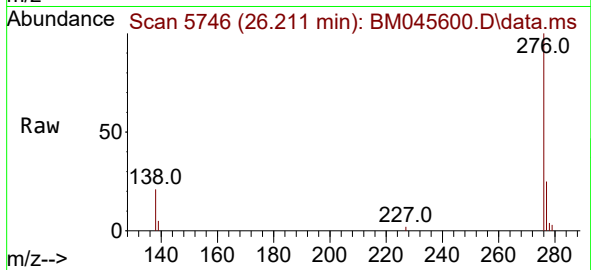
Tgt Ion:278 Resp: 9465
 Ion Ratio Lower Upper
 278 100
 139 25.5 19.0 28.6
 279 31.2 29.4 44.2





#29
 Benzo(g,h,i)perylene
 Concen: 1.522 ng/ul
 RT: 26.211 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: BM045600.D
 Acq: 26 Apr 2024 22:44

Instrument :
 BNA_N
 ClientSampleId :
 E1CX4MSD



Tgt Ion:	276	Resp:	24132
Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.8	31.2
277	25.2	21.8	32.8

