

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046607.D
 Acq On : 15 Jul 2024 21:56
 Operator : MA/JU
 Sample : P3087-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 16 00:25:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

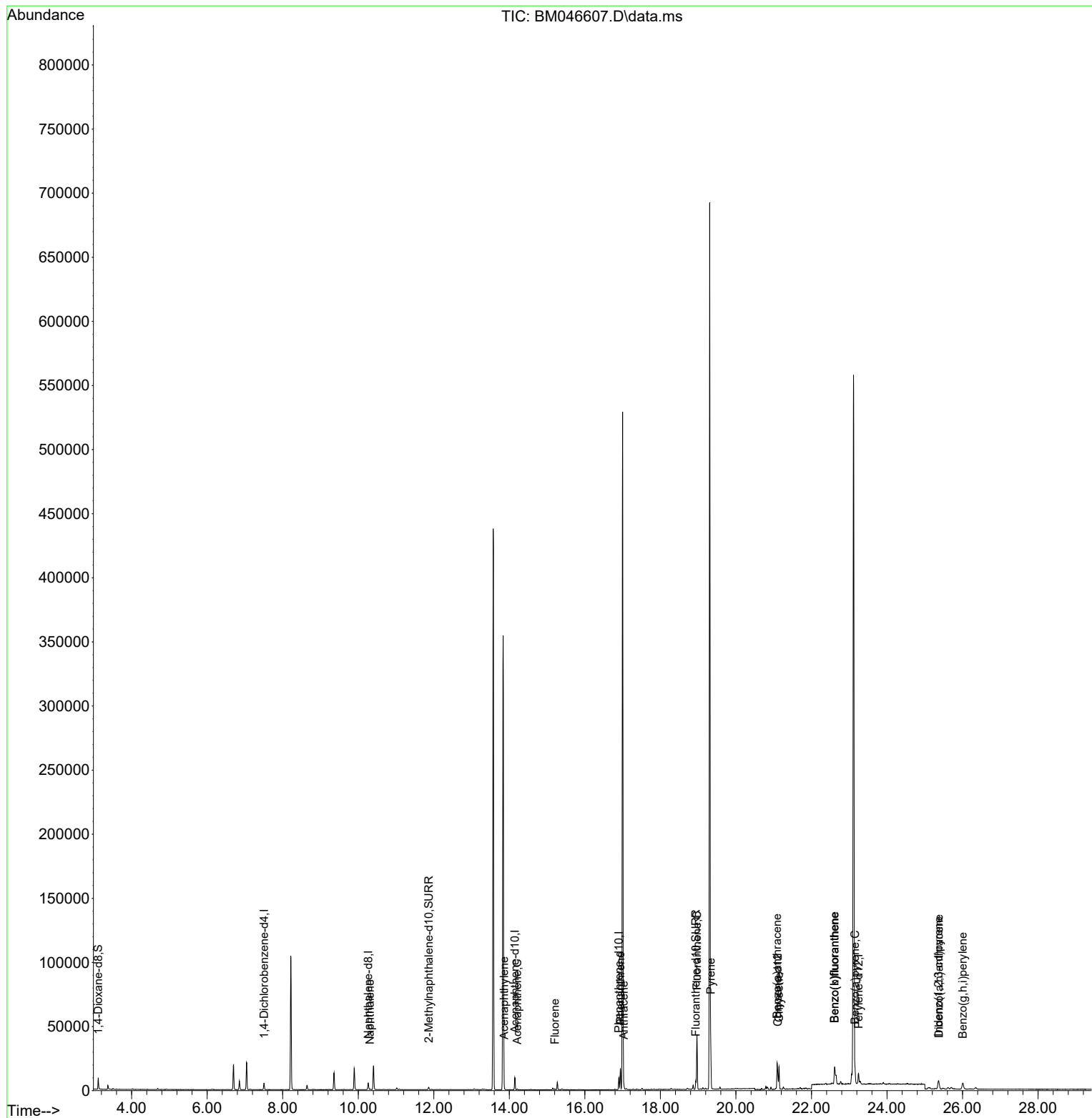
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2498	0.400	ng/ul	0.00
4) Naphthalene-d8	10.265	136	6878	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	5041	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	11784	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9924	0.400	ng/ul #	0.00
23) Perylene-d12	23.247	264	10933	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	5123	2.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	2475	0.223	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	7353	0.244	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	625	0.036	ng/ul#	72
10) Acenaphthylene	13.864	152	1020	0.044	ng/ul#	83
11) Acenaphthene	14.211	153	406	0.026	ng/ul	99
12) Fluorene	15.205	166	516	0.027	ng/ul#	90
15) Phenanthrene	16.943	178	17121	0.509	ng/ul	100
16) Anthracene	17.031	178	2618	0.080	ng/ul	93
19) Fluoranthene	18.969	202	37893	0.930	ng/ul	99
20) Pyrene	19.332	202	32718	0.741	ng/ul	99
21) Benzo(a)anthracene	21.090	228	14923	0.340	ng/ul	96
22) Chrysene	21.140	228	16703	0.393	ng/ul	97
24) Benzo(b)fluoranthene	22.612	252	29322	0.671	ng/ul	98
25) Benzo(k)fluoranthene	22.612	252	29322	0.684	ng/ul#	98
26) Benzo(a)pyrene	23.153	252	12790	0.356	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.363	276	10341	0.189	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	2549	0.059	ng/ul#	41
29) Benzo(g,h,i)perylene	26.007	276	10116	0.232	ng/ul#	97

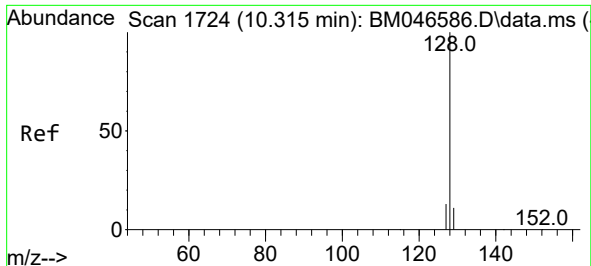
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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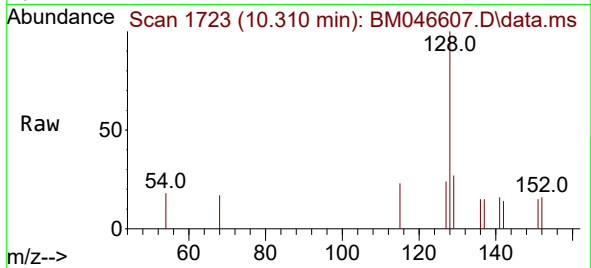
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



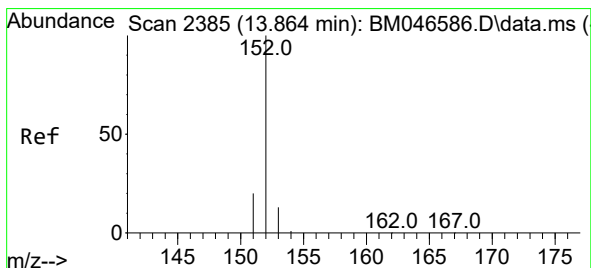
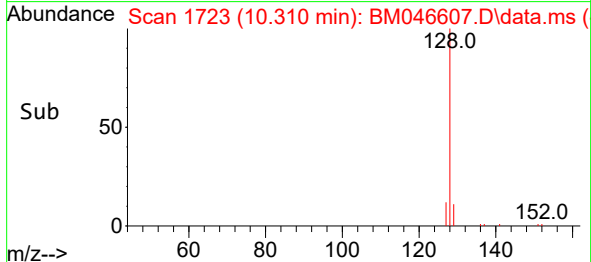
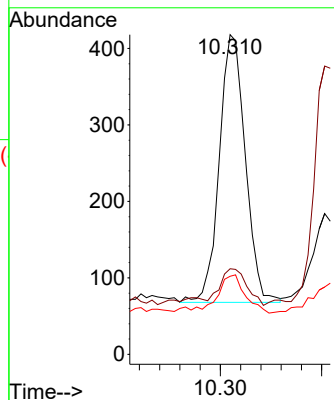


#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Instrument :
BNA_M
ClientSampleId :

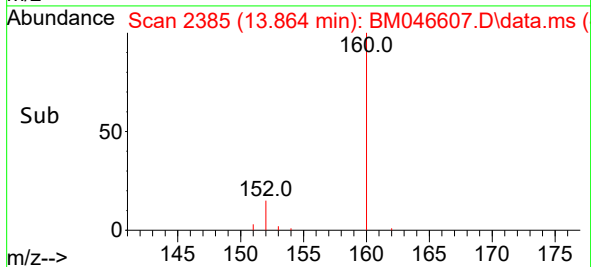
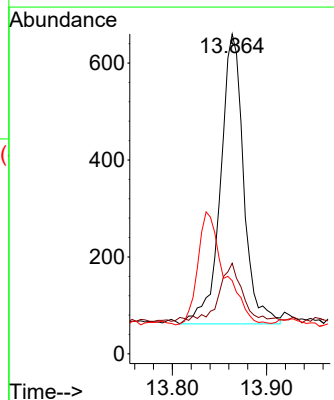
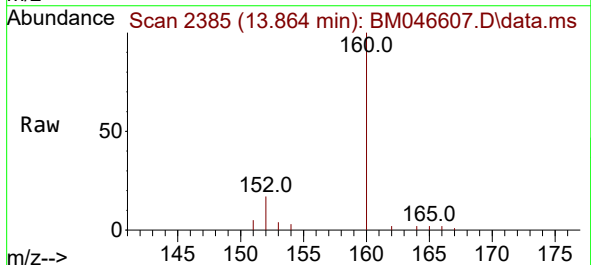


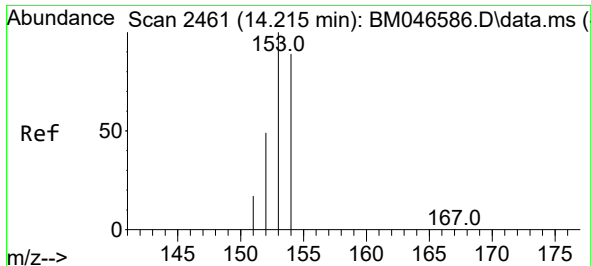
Tgt Ion:128 Resp: 625
Ion Ratio Lower Upper
128 100
129 26.8 10.3 15.5#
127 24.4 12.2 18.4#



#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.001 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

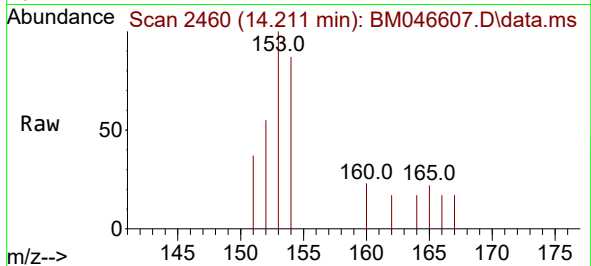
Tgt Ion:152 Resp: 1020
Ion Ratio Lower Upper
152 100
151 28.3 16.4 24.6#
153 22.9 12.4 18.6#



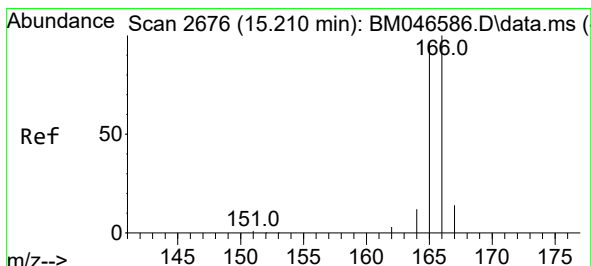
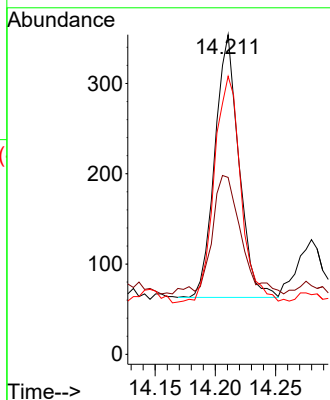
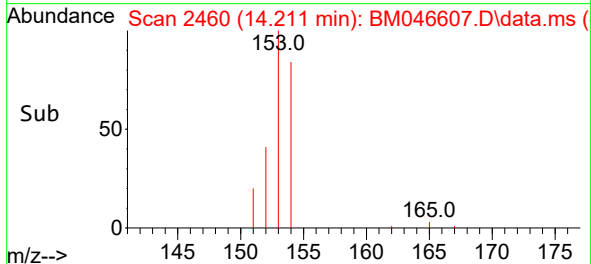


#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Instrument :
BNA_M
ClientSampleId :

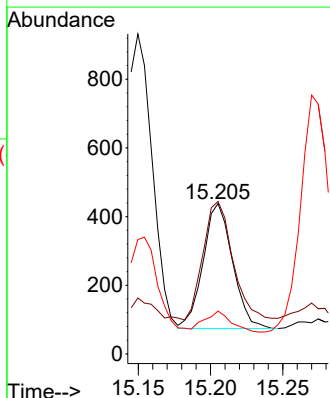
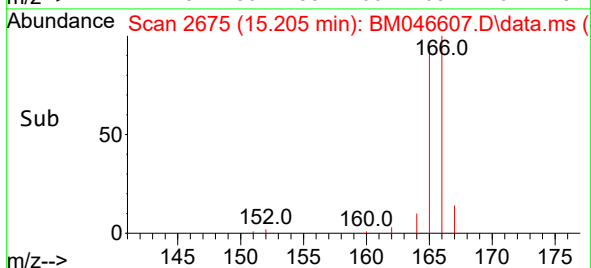
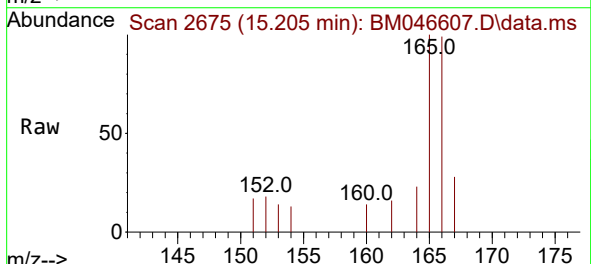


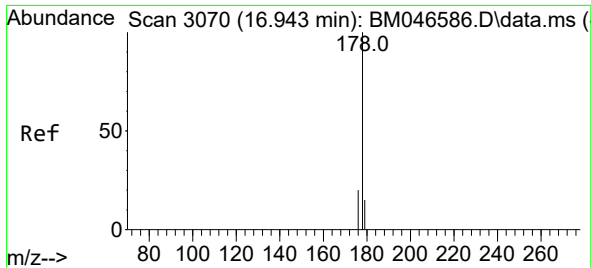
Tgt Ion:153 Resp: 406
Ion Ratio Lower Upper
153 100
152 55.4 43.0 64.6
154 87.0 69.9 104.9



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.001 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Tgt Ion:166 Resp: 516
Ion Ratio Lower Upper
166 100
165 101.4 76.1 114.1
167 28.5 12.5 18.7#

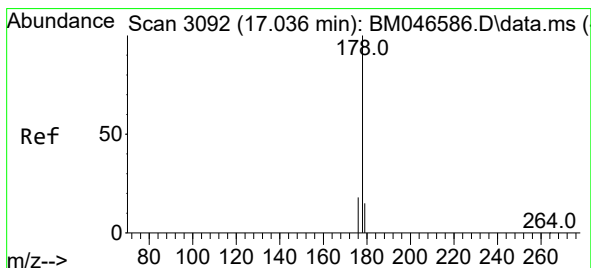
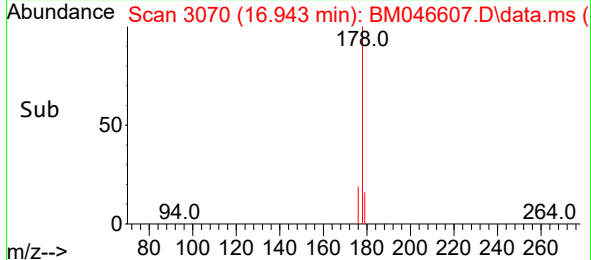
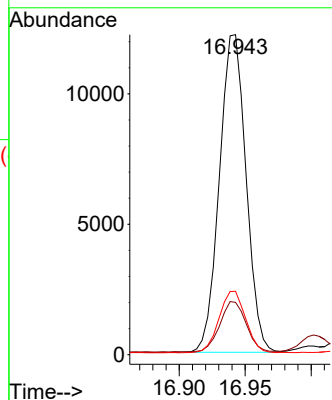
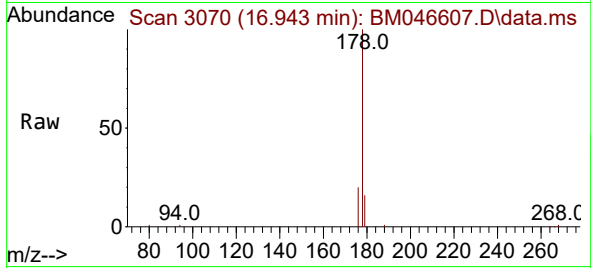




#15
Phenanthrene
Concen: 0.509 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

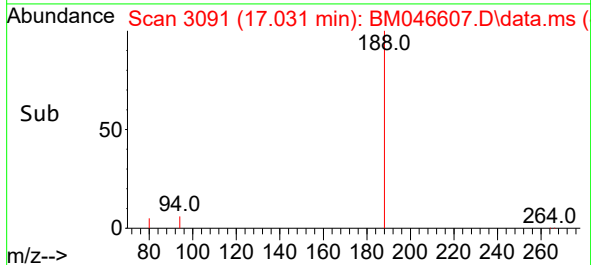
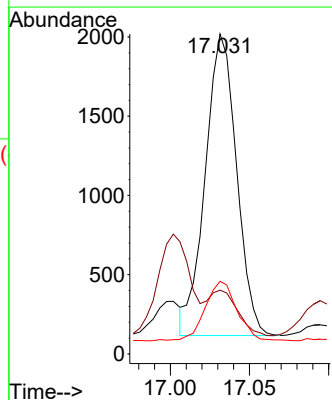
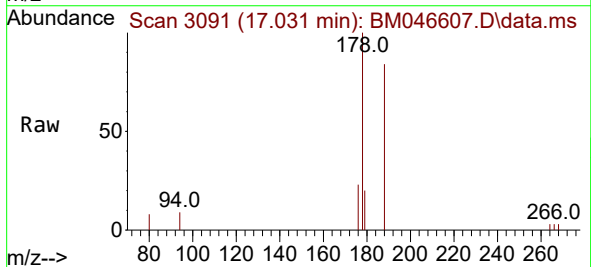
Instrument :
BNA_M
ClientSampleId :

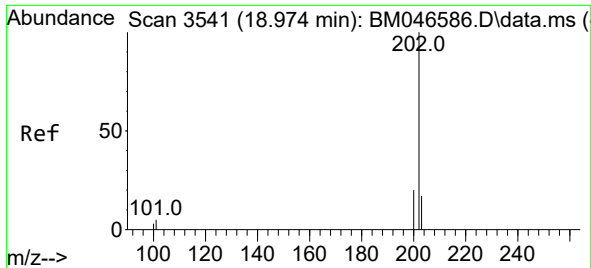
Tgt Ion:178 Resp: 17121
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.080 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Tgt Ion:178 Resp: 2618
Ion Ratio Lower Upper
178 100
179 19.9 13.5 20.3
176 22.7 15.7 23.5

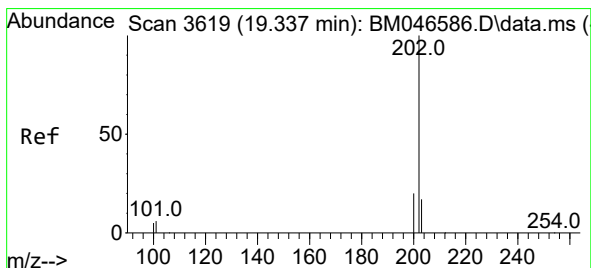
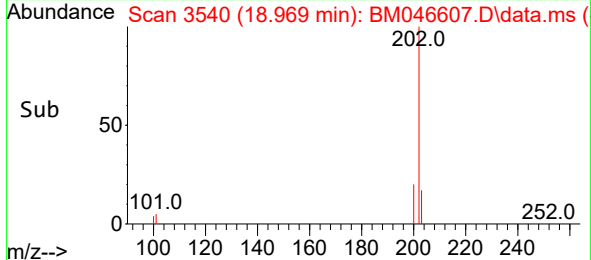
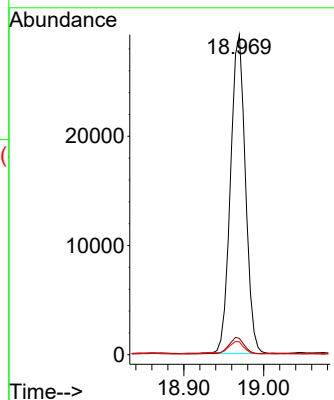
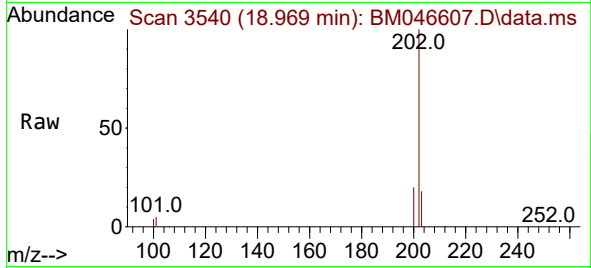




#19
Fluoranthene
Concen: 0.930 ng/ul
RT: 18.969 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

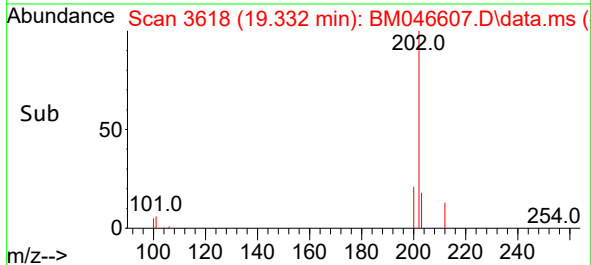
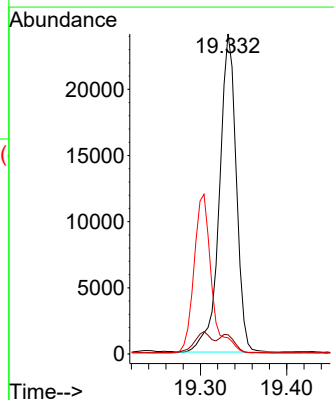
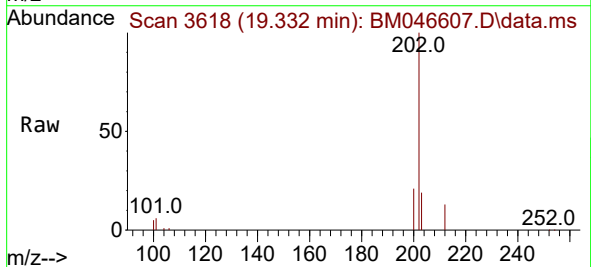
Instrument :
BNA_M
ClientSampleId :

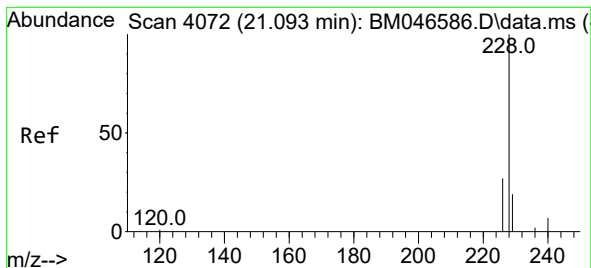
Tgt Ion:202 Resp: 37893
Ion Ratio Lower Upper
202 100
101 5.1 4.6 6.8
100 4.0 3.0 4.6



#20
Pyrene
Concen: 0.741 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Tgt Ion:202 Resp: 32718
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 5.0 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.340 ng/ul

RT: 21.090 min Scan# 4072

Delta R.T. 0.002 min

Lab File: BM046607.D

Acq: 15 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

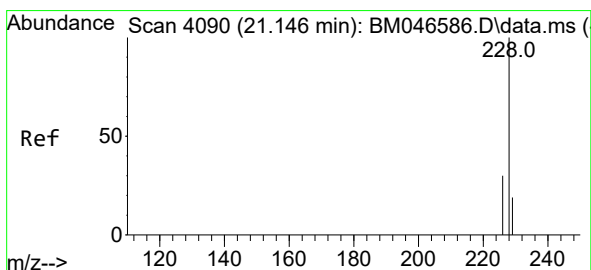
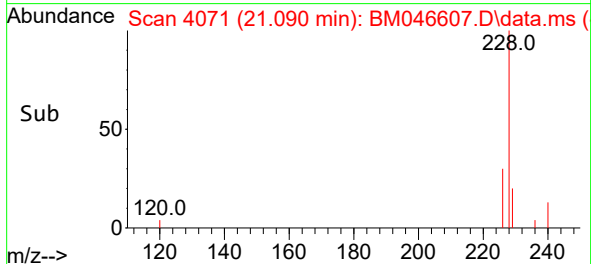
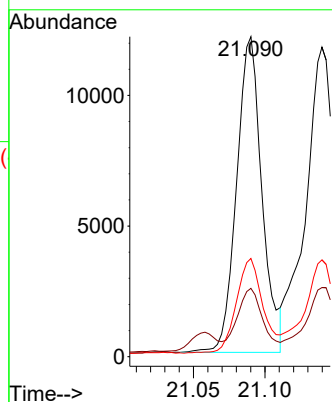
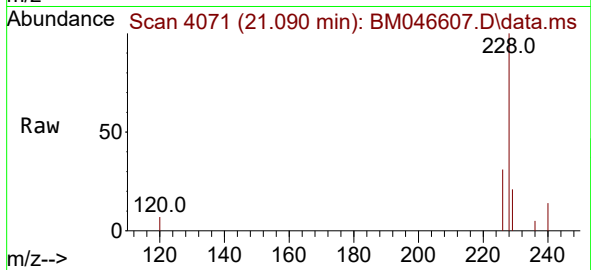
Tgt Ion:228 Resp: 14923

Ion Ratio Lower Upper

228 100

229 21.4 16.5 24.7

226 30.7 22.5 33.7



#22

Chrysene

Concen: 0.393 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. -0.000 min

Lab File: BM046607.D

Acq: 15 Jul 2024 21:56

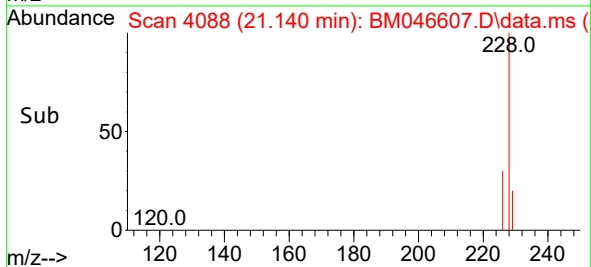
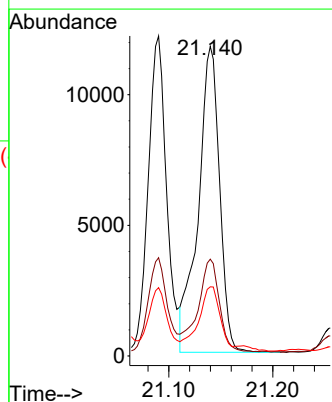
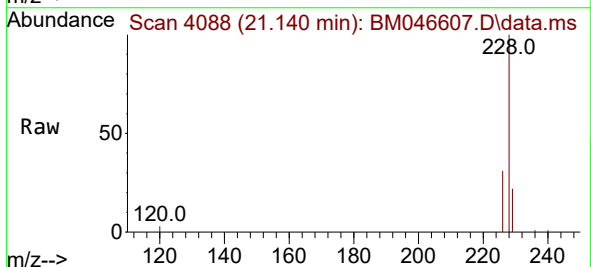
Tgt Ion:228 Resp: 16703

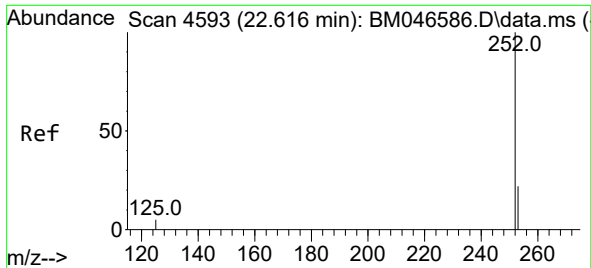
Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

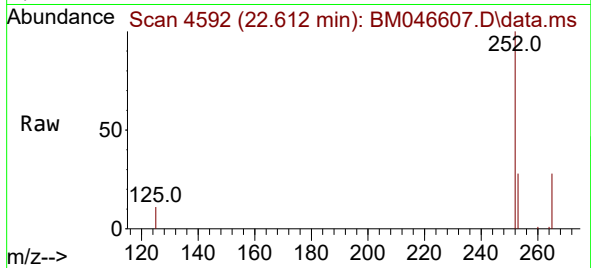
229 22.4 16.4 24.6



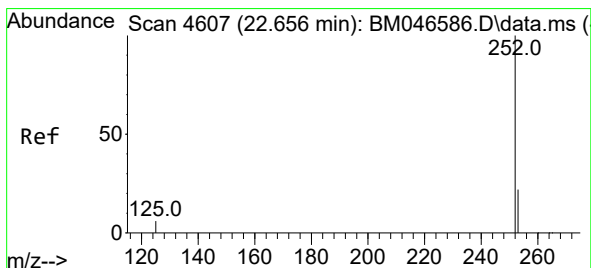
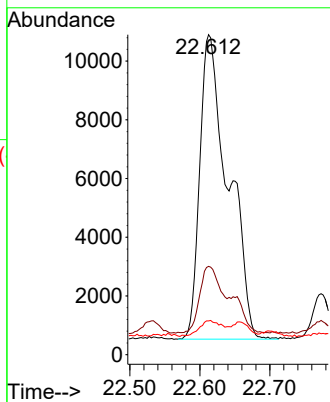
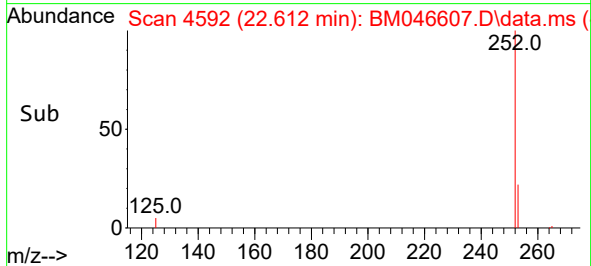


#24
Benzo(b)fluoranthene
Concen: 0.671 ng/ul
RT: 22.612 min Scan# 4592
Delta R.T. 0.002 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Instrument :
BNA_M
ClientSampleId :

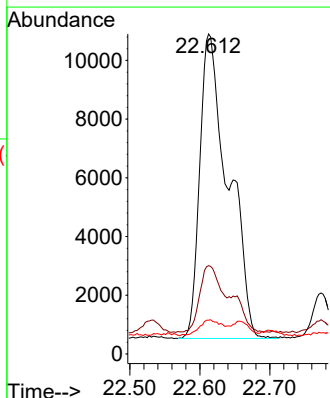
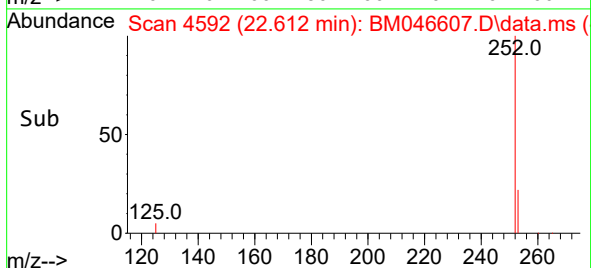
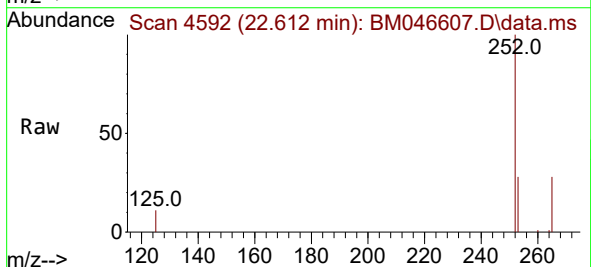


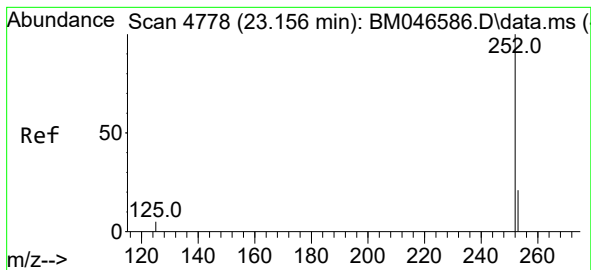
Tgt Ion:252 Resp: 29322
Ion Ratio Lower Upper
252 100
253 27.6 0.0 56.2
125 10.6 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.684 ng/ul
RT: 22.612 min Scan# 4592
Delta R.T. -0.039 min
Lab File: BM046607.D
Acq: 15 Jul 2024 21:56

Tgt Ion:252 Resp: 29322
Ion Ratio Lower Upper
252 100
253 27.6 22.4 33.6
125 10.6 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.356 ng/ul

RT: 23.153 min Scan# 4777

Delta R.T. 0.002 min

Lab File: BM046607.D

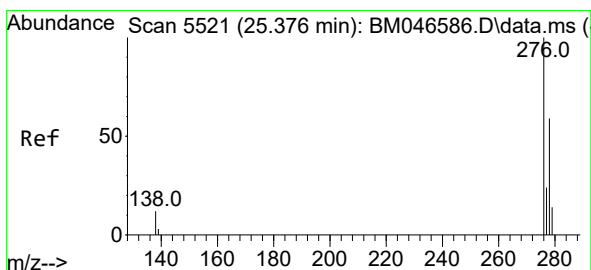
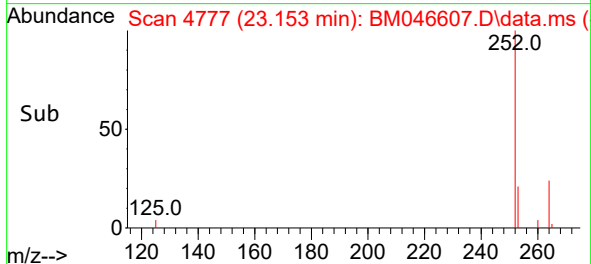
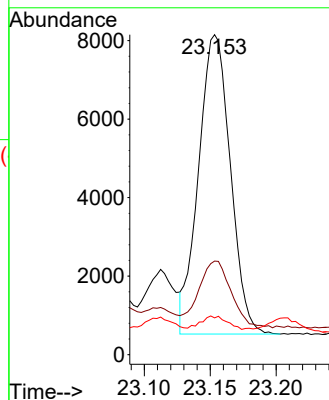
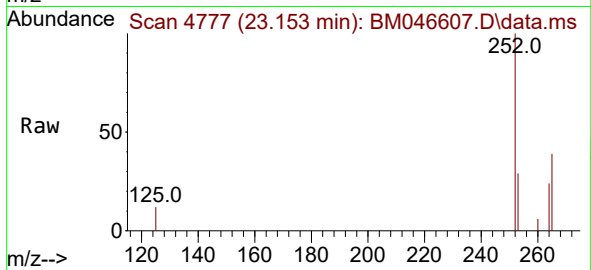
Acq: 15 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	12790
Ion Ratio	Lower	Upper
252	100	
253	29.3	24.0 36.0
125	11.5	8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.189 ng/ul

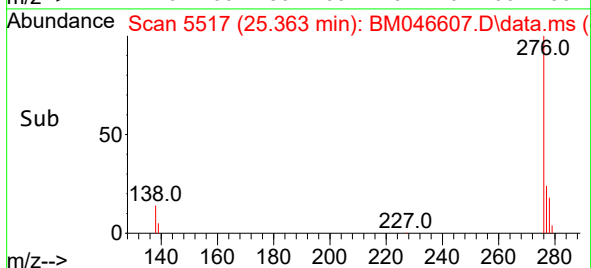
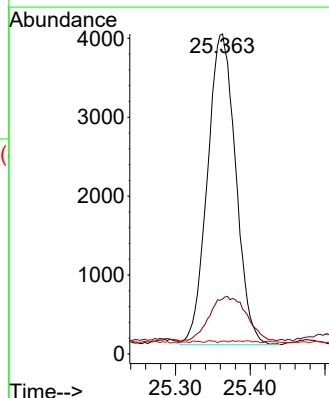
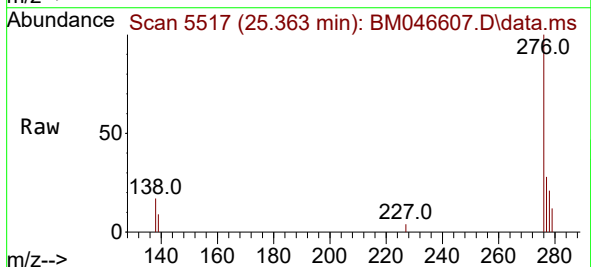
RT: 25.363 min Scan# 5517

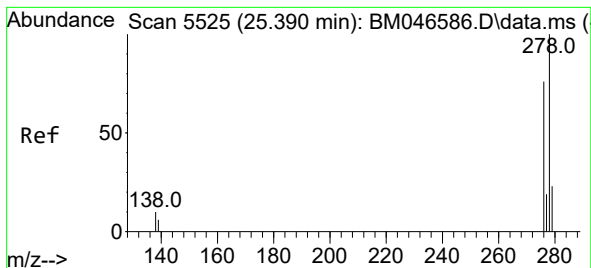
Delta R.T. 0.003 min

Lab File: BM046607.D

Acq: 15 Jul 2024 21:56

Tgt Ion:276	Resp:	10341
Ion Ratio	Lower	Upper
276	100	
138	18.7	0.0 0.0#
227	0.1	0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 25.376 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM046607.D

Acq: 15 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

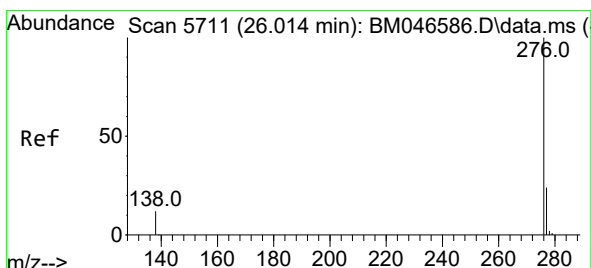
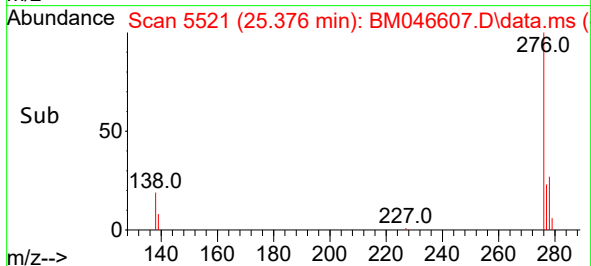
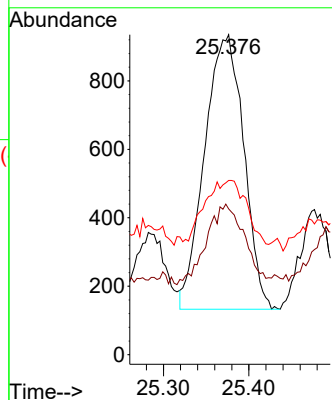
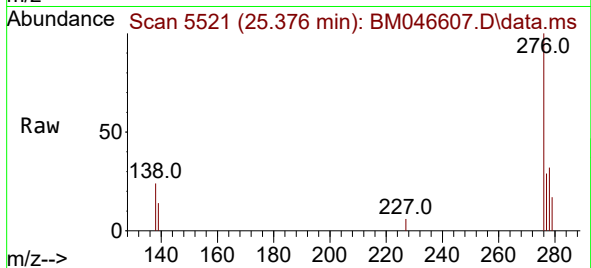
Tgt Ion:278 Resp: 2549

Ion Ratio Lower Upper

278 100

139 45.6 9.1 13.7#

279 54.4 23.2 34.8#



#29

Benzo(g,h,i)perylene

Concen: 0.232 ng/ul

RT: 26.007 min Scan# 5709

Delta R.T. 0.003 min

Lab File: BM046607.D

Acq: 15 Jul 2024 21:56

Tgt Ion:276 Resp: 10116

Ion Ratio Lower Upper

276 100

138 15.4 10.2 15.4#

277 27.1 20.9 31.3

