

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046865.D
 Acq On : 27 Jul 2024 12:50
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4188

Quant Time: Jul 28 23:30:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

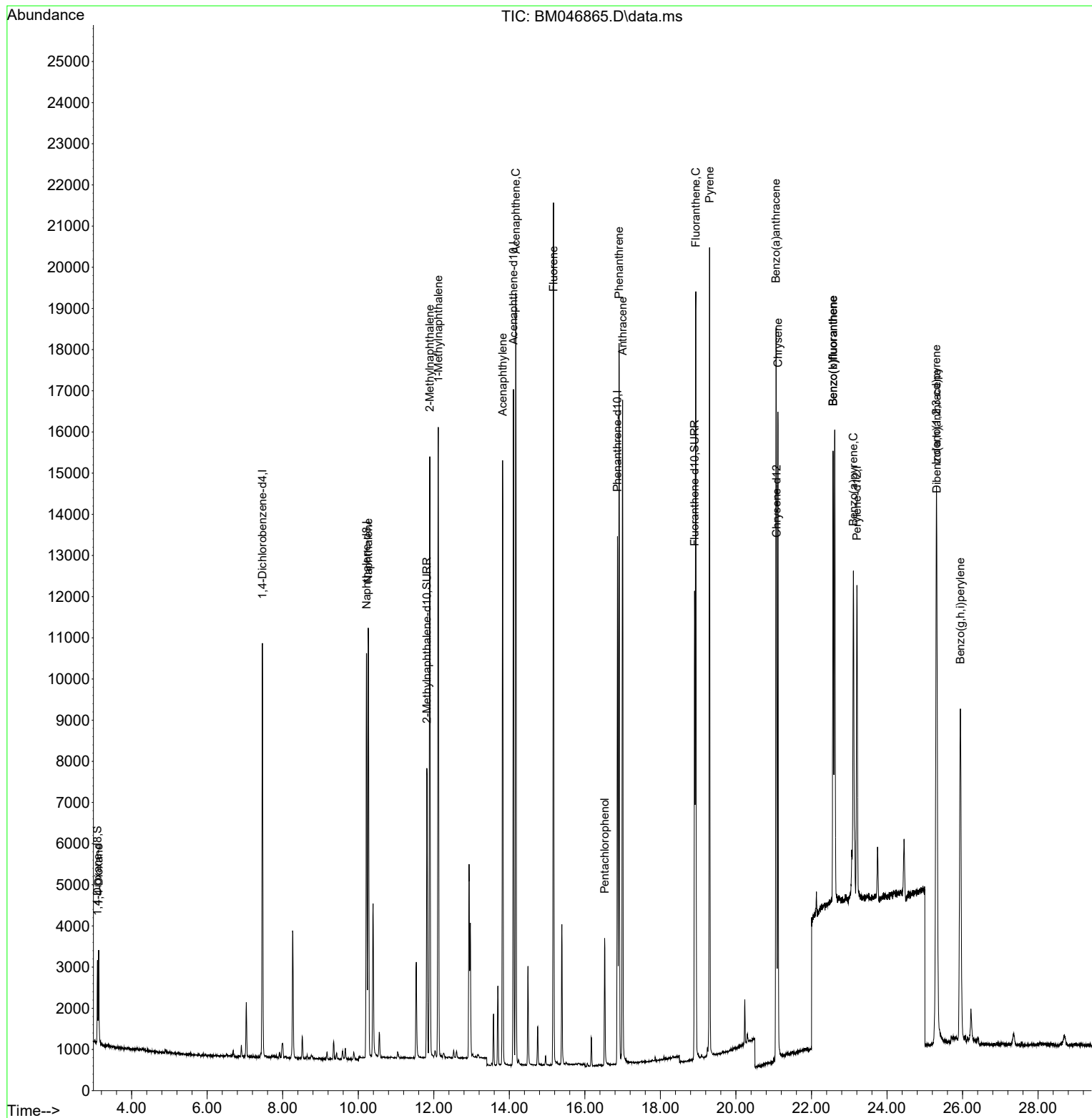
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	5028	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	13713	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	8798	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.863	188	16104	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	8186	0.400	ng/ul	0.00
23) Perylene-d12	23.203	264	9345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1224	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.816	152	8981	0.412	ng/ul	-0.01
18) Fluoranthene-d10	18.904	212	13024	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	1429	0.355	ng/ul	92
5) Naphthalene	10.266	128	14031	0.405	ng/ul	98
7) 2-Methylnaphthalene	11.893	142	10014	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.119	142	10255	0.416	ng/ul	99
10) Acenaphthylene	13.822	152	16147	0.401	ng/ul	98
11) Acenaphthene	14.174	153	10759	0.393	ng/ul	98
12) Fluorene	15.168	166	12791	0.374	ng/ul	96
14) Pentachlorophenol	16.525	266	2019	0.277	ng/ul	100
15) Phenanthrene	16.905	178	17911	0.387	ng/ul	98
16) Anthracene	16.998	178	16693	0.387	ng/ul	100
19) Fluoranthene	18.937	202	17253	0.480	ng/ul	99
20) Pyrene	19.300	202	17140	0.461	ng/ul	99
21) Benzo(a)anthracene	21.061	228	13262	0.389	ng/ul	99
22) Chrysene	21.111	228	12959	0.374	ng/ul	100
24) Benzo(b)fluoranthene	22.572	252	13900	0.339	ng/ul	99
25) Benzo(k)fluoranthene	22.572	252	13900	0.336	ng/ul	96
26) Benzo(a)pyrene	23.110	252	11514	0.391	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.306	276	17768	0.392	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.319	278	13429	0.405	ng/ul	99
29) Benzo(g,h,i)perylene	25.943	276	17253	0.432	ng/ul	97

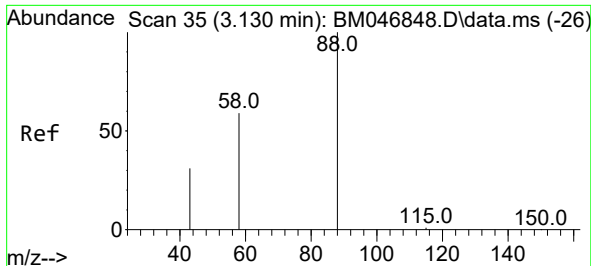
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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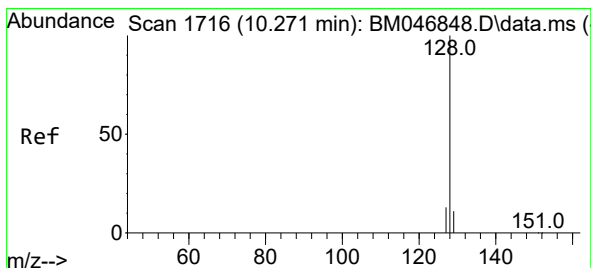
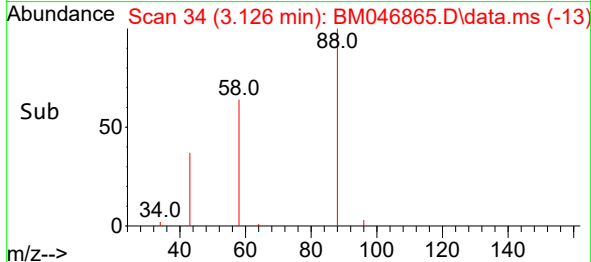
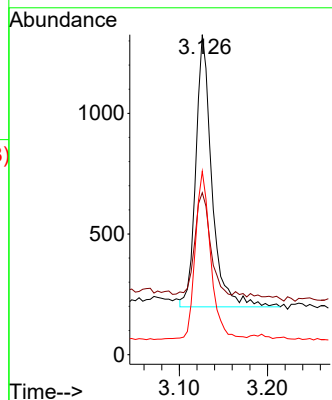
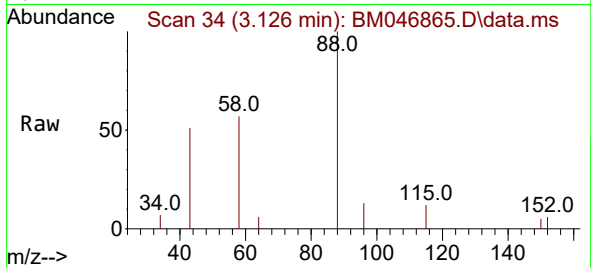




#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.126 min Scan# 34
Delta R.T. -0.013 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

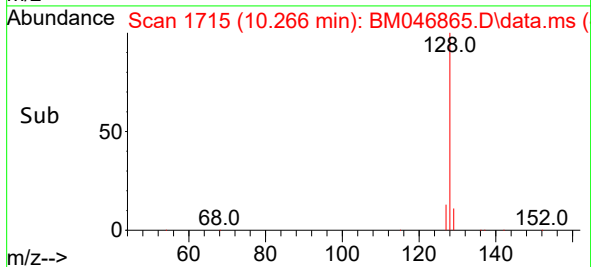
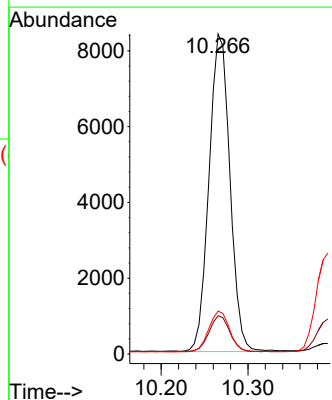
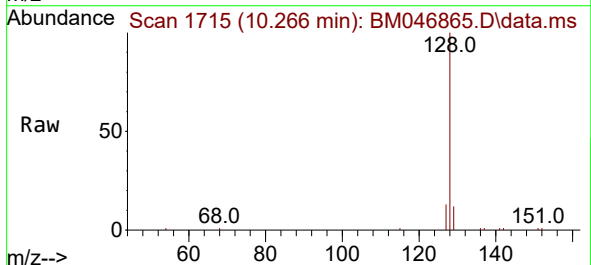
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

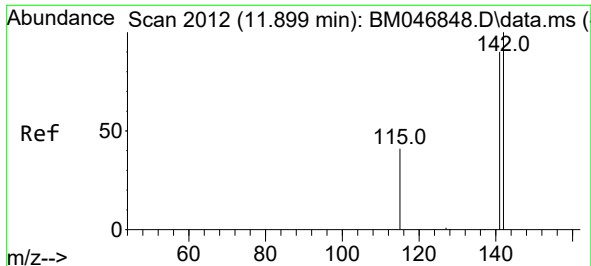
Tgt Ion: 88 Resp: 1429
Ion Ratio Lower Upper
88 100
43 50.6 42.1 63.1
58 57.3 38.3 57.5



#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.266 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:128 Resp: 14031
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 13.4 11.5 17.3

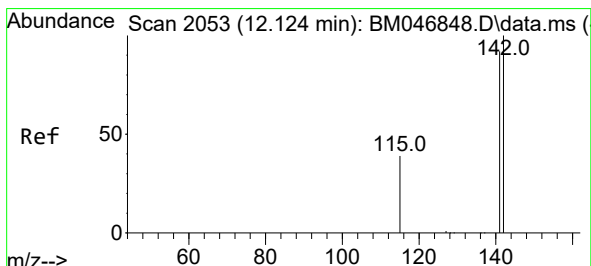
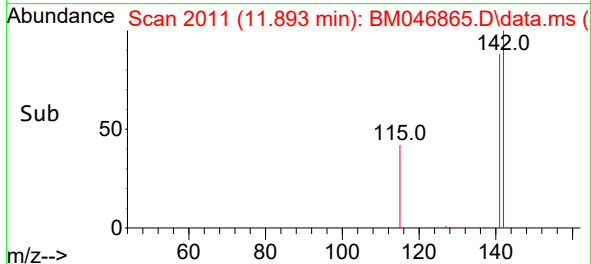
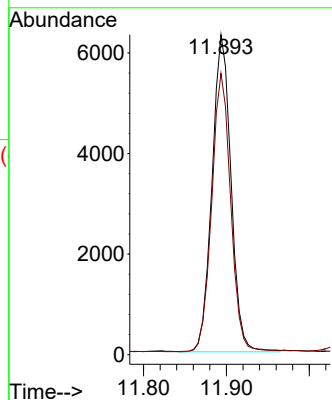
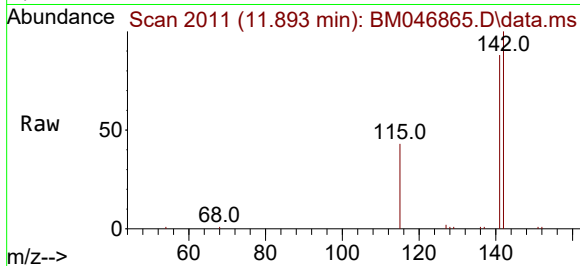




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

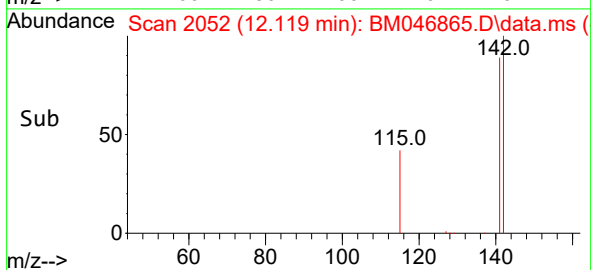
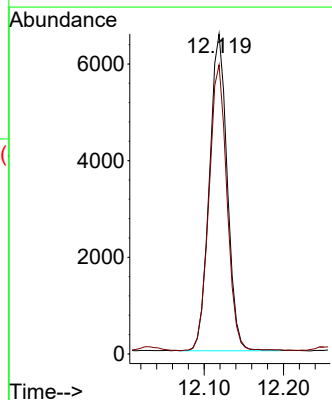
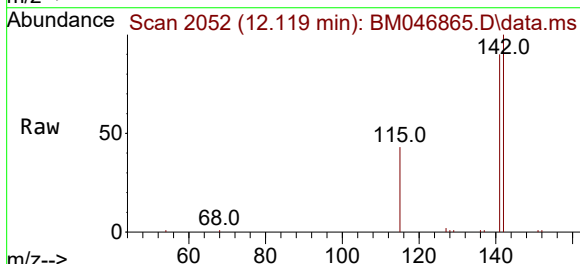
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

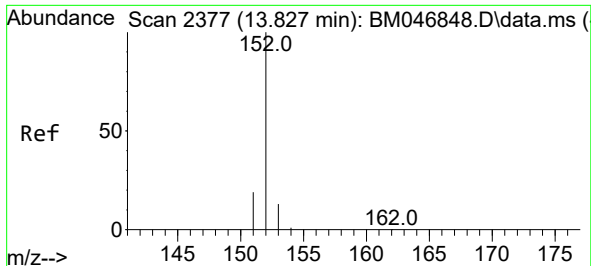
Tgt Ion:142 Resp: 10014
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:142 Resp: 10255
Ion Ratio Lower Upper
142 100
141 90.7 73.1 109.7

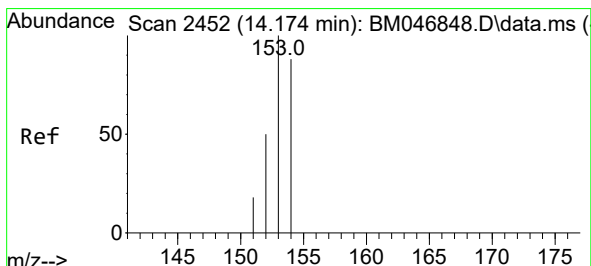
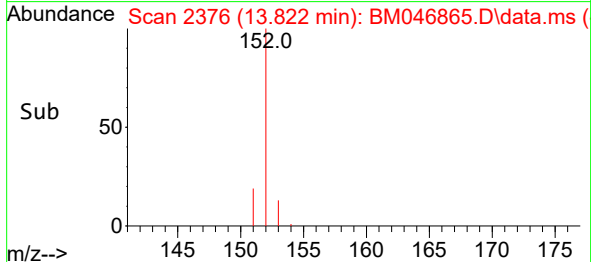
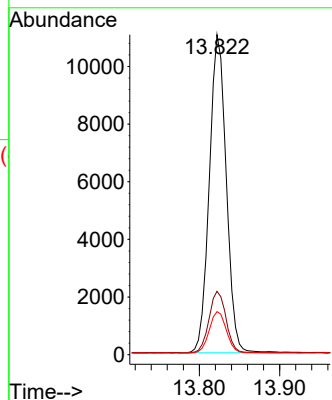
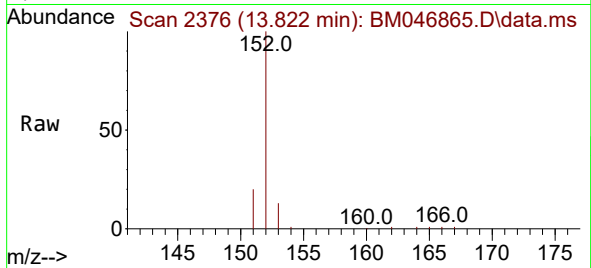




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 13.822 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

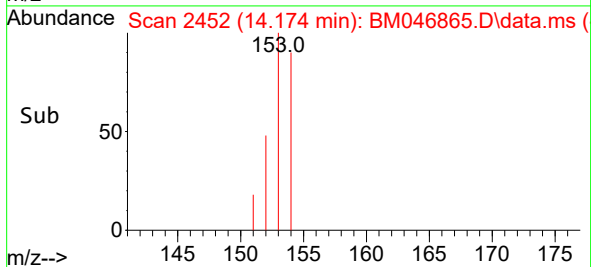
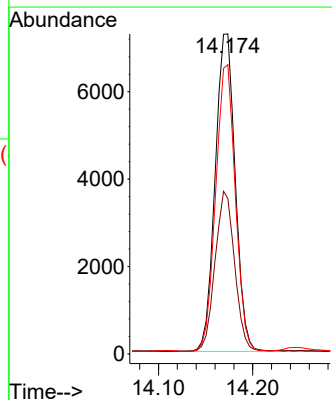
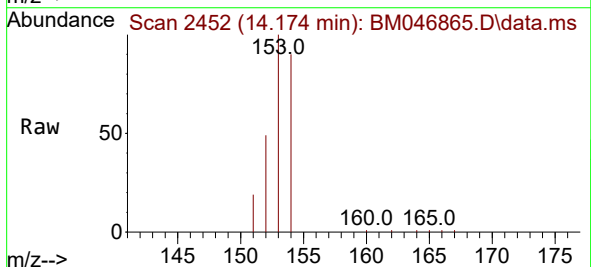
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BNA_M
ClientSampleId :
SSTD0.4188

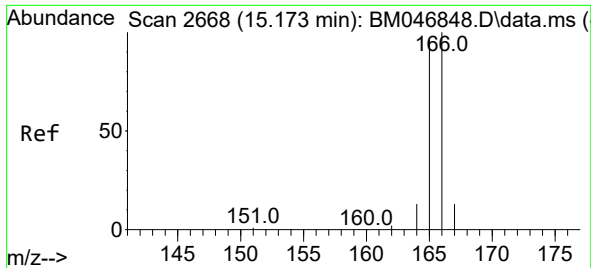
Tgt Ion:152 Resp: 16147
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:153 Resp: 10759
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 90.4 70.8 106.2

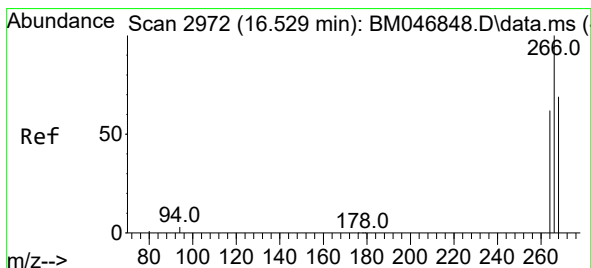
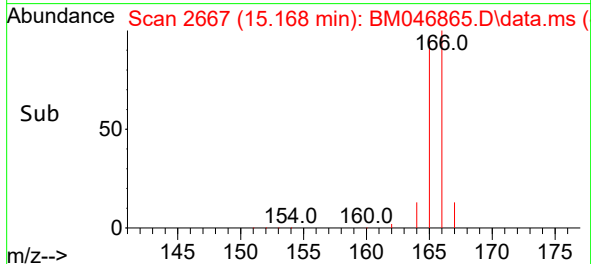
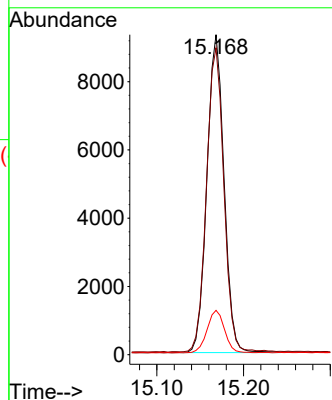
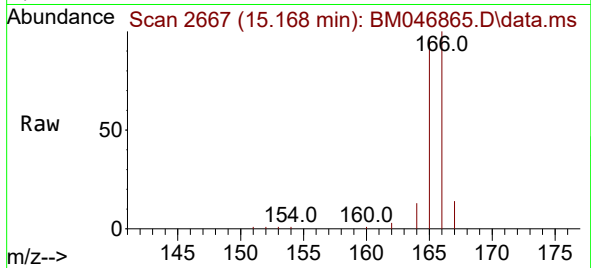




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.168 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

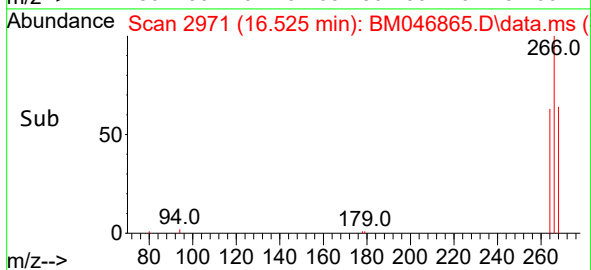
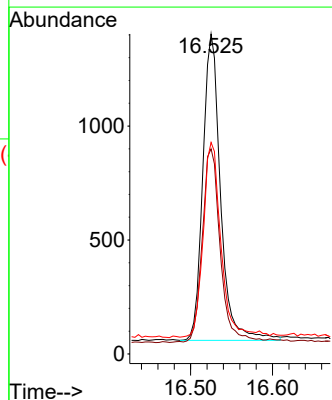
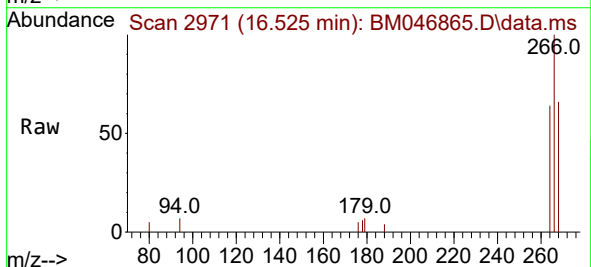
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

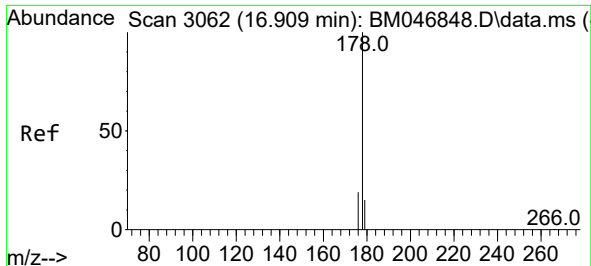
Tgt Ion:166 Resp: 12791
Ion Ratio Lower Upper
166 100
165 95.9 79.8 119.6
167 13.9 12.3 18.5



#14
Pentachlorophenol
Concen: 0.277 ng/ul
RT: 16.525 min Scan# 2971
Delta R.T. -0.008 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:266 Resp: 2019
Ion Ratio Lower Upper
266 100
264 64.1 51.1 76.7
268 64.3 51.8 77.6

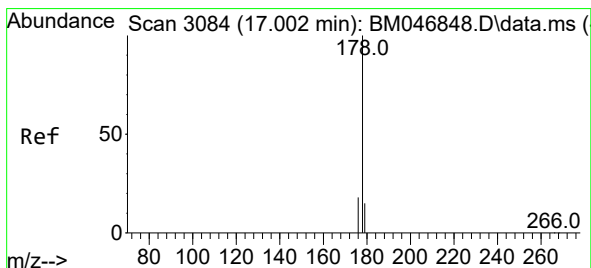
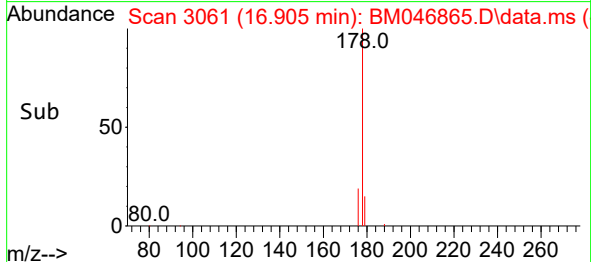
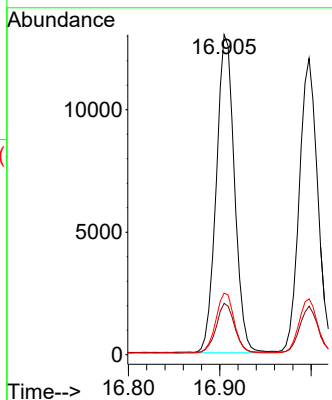
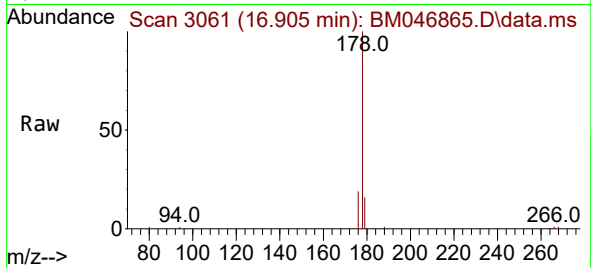




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

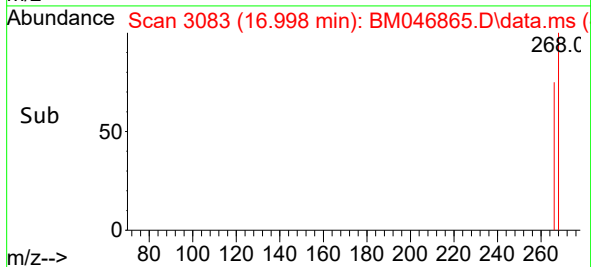
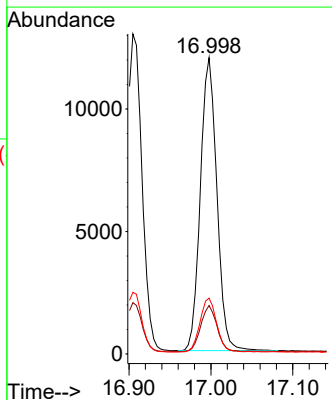
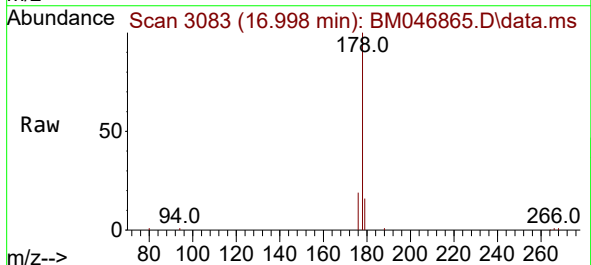
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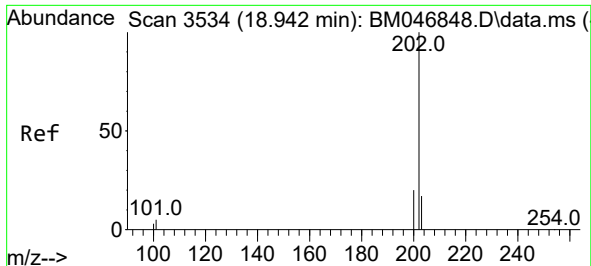
Tgt Ion:178 Resp: 17911
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.2 16.1 24.1



#16
Anthracene
Concen: 0.387 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:178 Resp: 16693
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 18.9 15.0 22.6

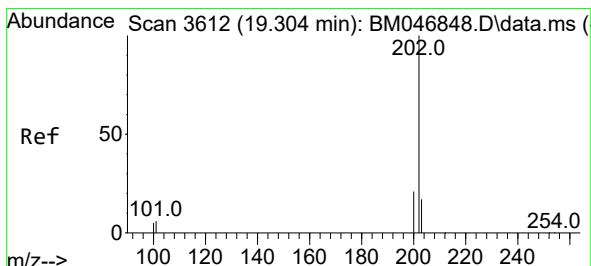
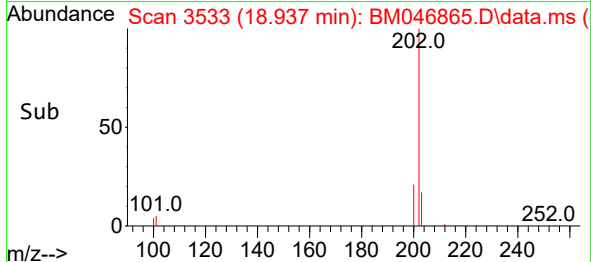
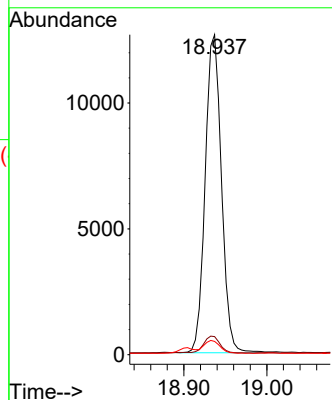
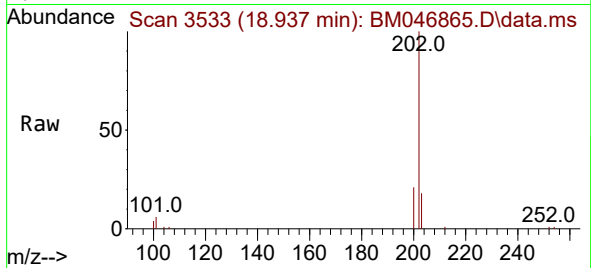




#19
Fluoranthene
Concen: 0.480 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

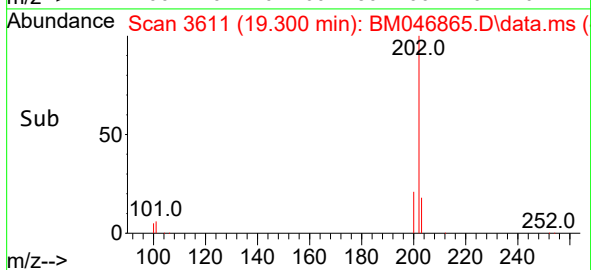
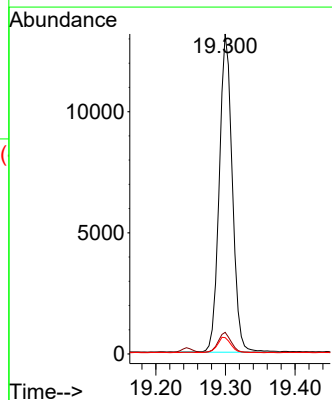
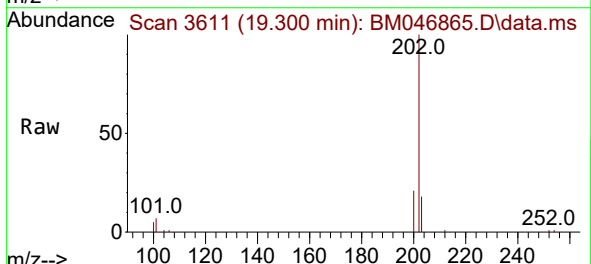
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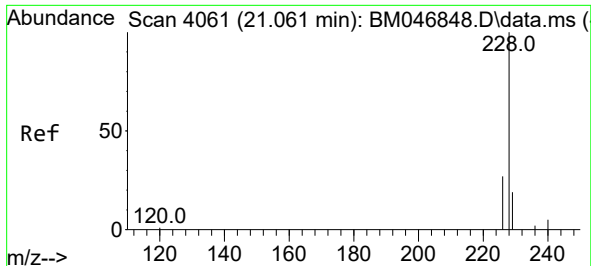
Tgt Ion:202 Resp: 17253
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.2 3.4 5.2



#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:202 Resp: 17140
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.1 4.3 6.5

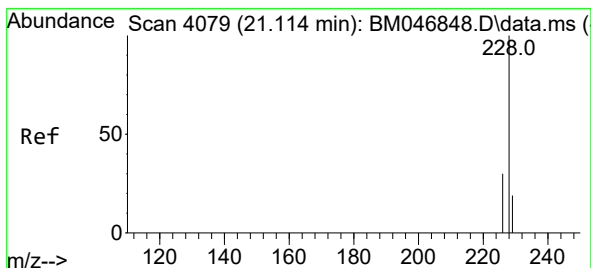
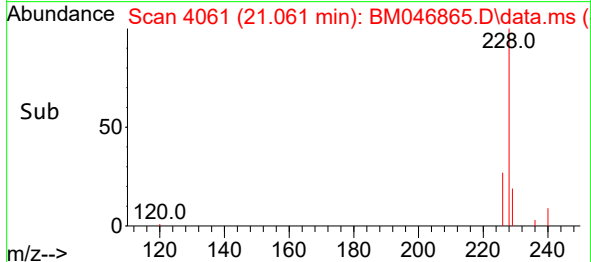
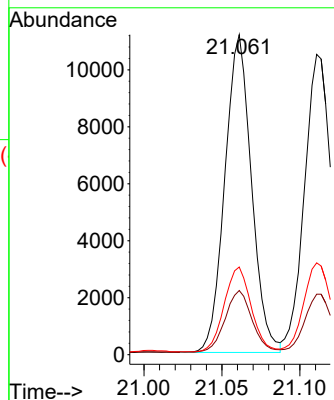
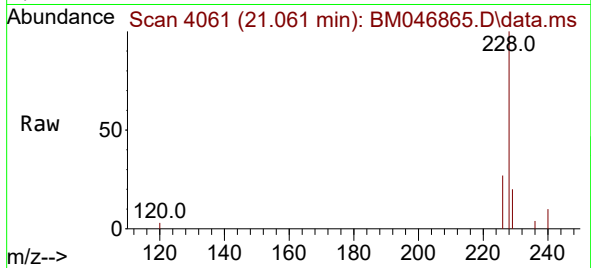




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

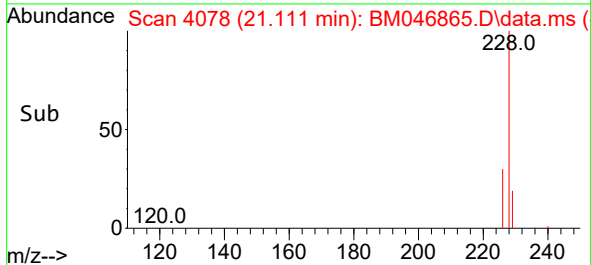
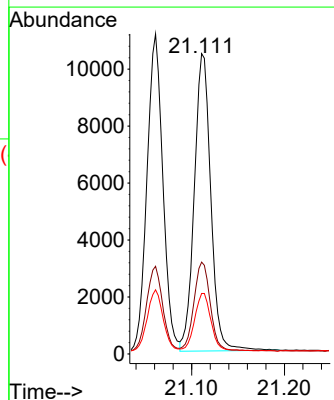
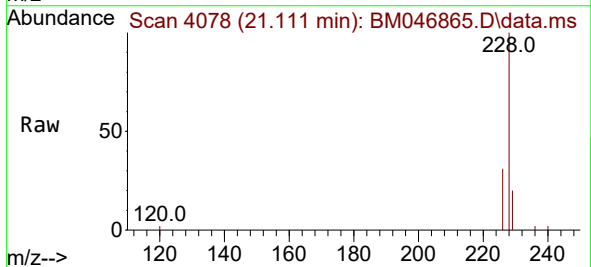
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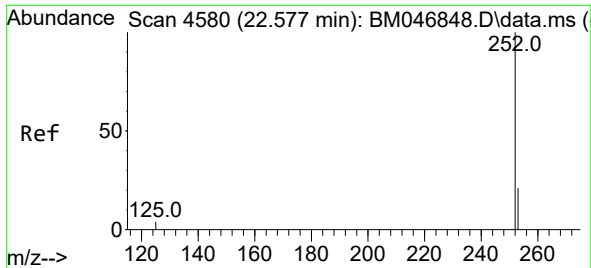
Tgt Ion:228 Resp: 13262
Ion Ratio Lower Upper
228 100
229 20.0 16.3 24.5
226 27.4 22.3 33.5



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.006 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:228 Resp: 12959
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.2 16.2 24.2

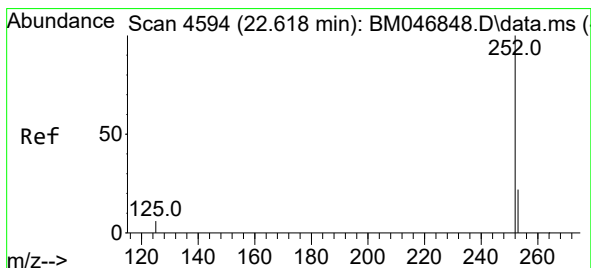
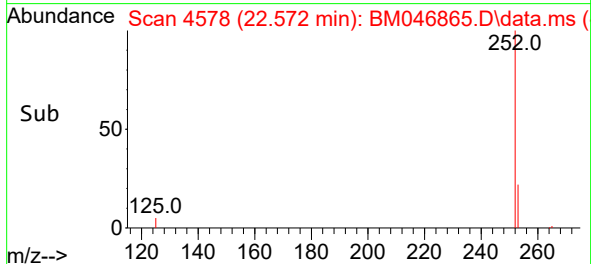
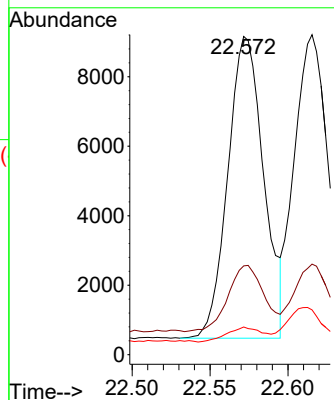
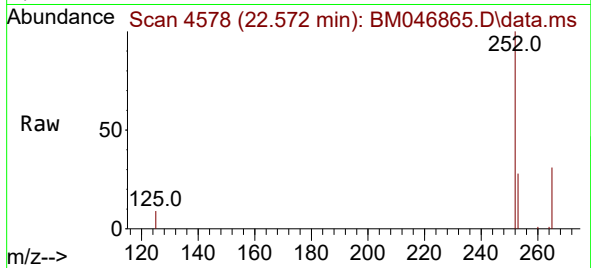




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

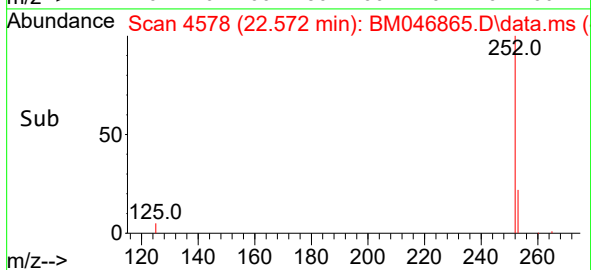
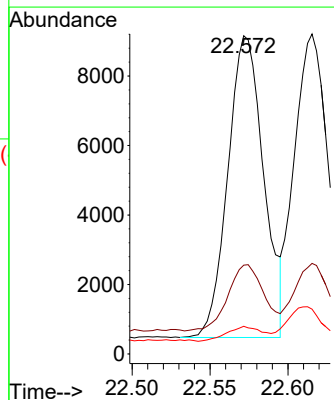
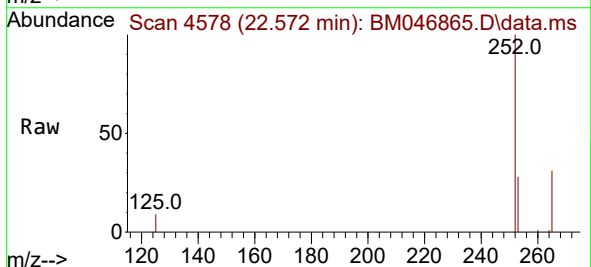
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

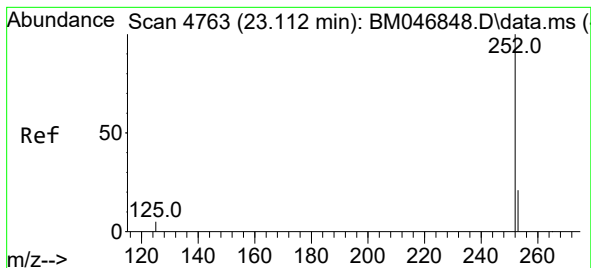
Tgt Ion:252 Resp: 13900
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.4
125 8.7 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. -0.050 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:252 Resp: 13900
Ion Ratio Lower Upper
252 100
253 27.9 23.5 35.3
125 8.7 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.110 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM046865.D

Acq: 27 Jul 2024 12:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4188

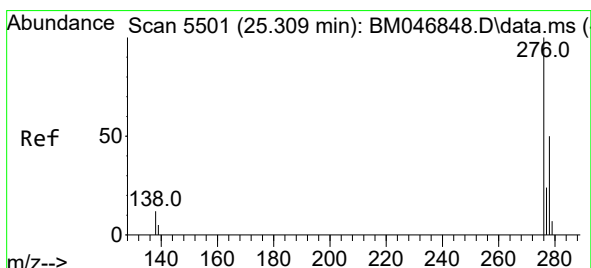
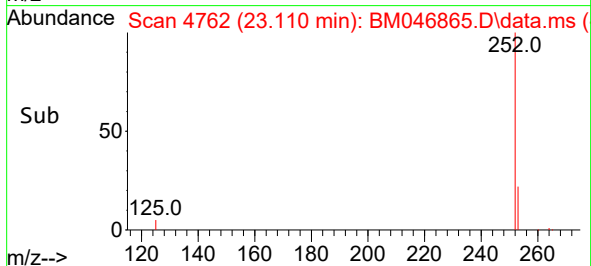
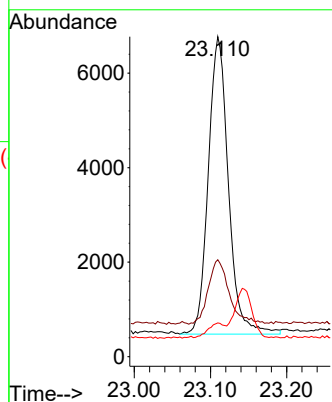
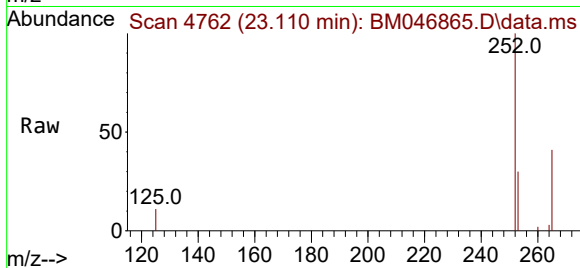
Tgt Ion:252 Resp: 11514

Ion Ratio Lower Upper

252 100

253 30.3 26.0 39.0

125 10.6 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 25.306 min Scan# 5500

Delta R.T. -0.010 min

Lab File: BM046865.D

Acq: 27 Jul 2024 12:50

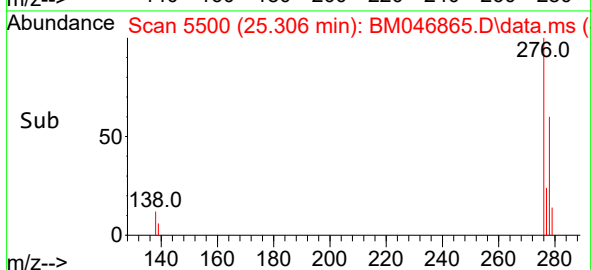
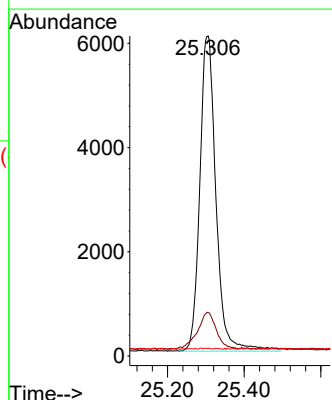
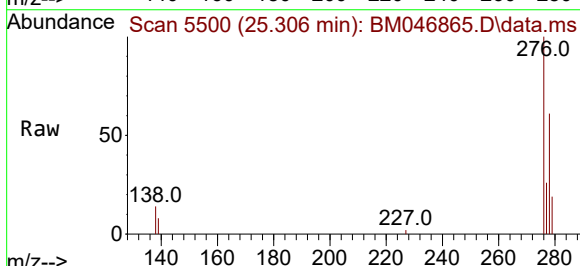
Tgt Ion:276 Resp: 17768

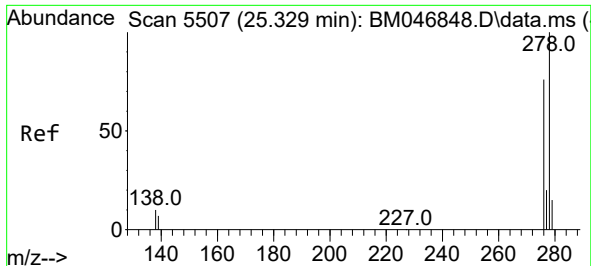
Ion Ratio Lower Upper

276 100

138 13.3 9.7 14.5

227 0.1 0.2 0.2#

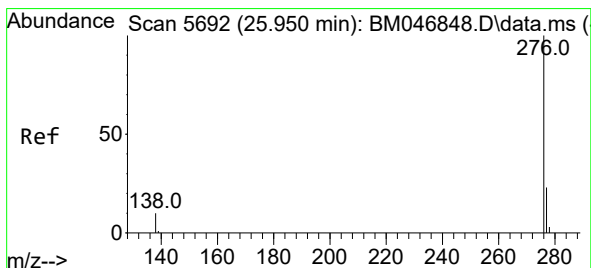
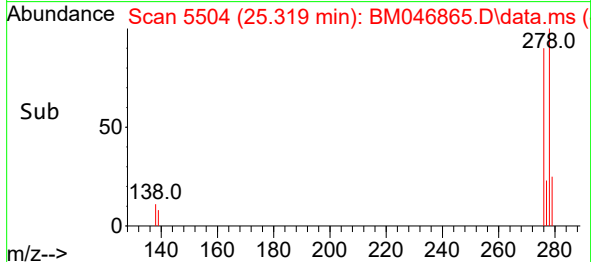
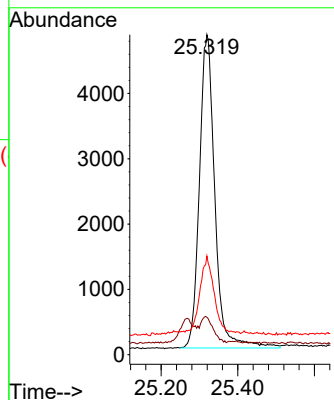
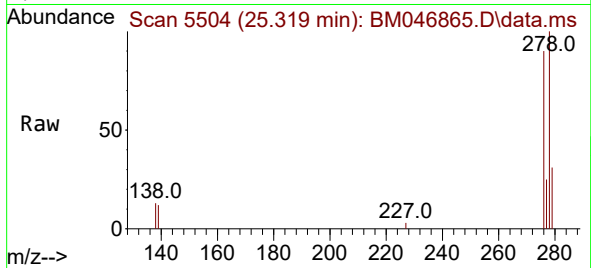




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 25.319 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

Tgt Ion:	278	Resp:	13429
Ion Ratio	Lower	Upper	
278	100		
139	11.7	9.8	14.8
279	30.9	25.2	37.8



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 25.943 min Scan# 5690
Delta R.T. -0.010 min
Lab File: BM046865.D
Acq: 27 Jul 2024 12:50

Tgt Ion:	276	Resp:	17253
Ion Ratio	Lower	Upper	
276	100		
138	13.7	9.5	14.3
277	24.8	20.9	31.3

