

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046066.D
 Acq On : 19 Jun 2024 00:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4129

Quant Time: Jun 19 08:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

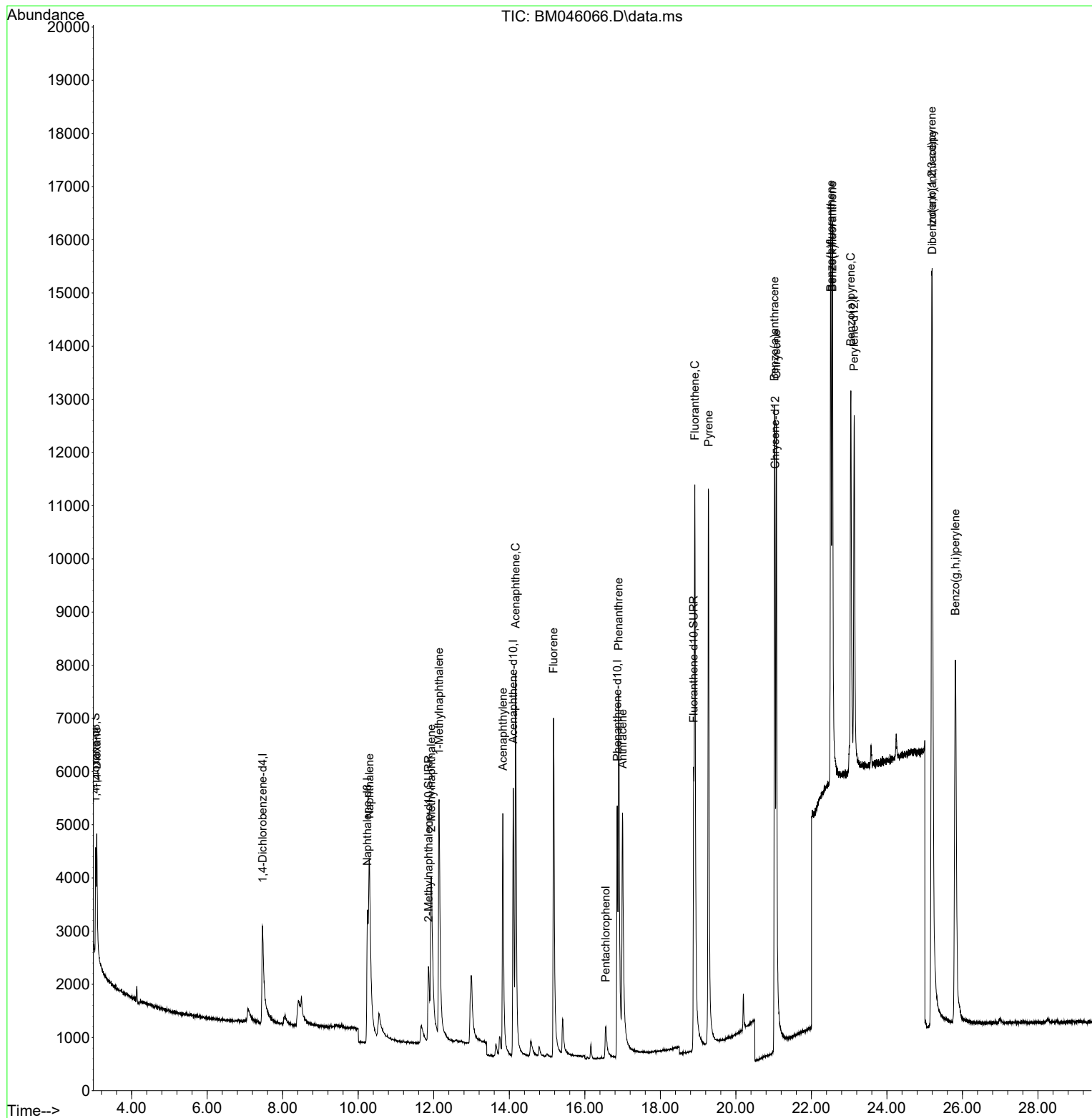
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	2588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7812	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.104	164	4429	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	8752	0.400	ng/ul	0.00
17) Chrysene-d12	21.038	240	6997	0.400	ng/ul	0.00
23) Perylene-d12	23.133	264	9433	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	1427	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	4410	0.420	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	8950	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.075	88	1662	0.417	ng/ul	93
5) Naphthalene	10.299	128	8730	0.401	ng/ul	99
7) 2-Methylnaphthalene	11.932	142	5145	0.420	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	5719	0.425	ng/ul	100
10) Acenaphthylene	13.831	152	8651	0.412	ng/ul	99
11) Acenaphthene	14.169	153	6243	0.412	ng/ul	99
12) Fluorene	15.173	166	6841	0.420	ng/ul	99
14) Pentachlorophenol	16.555	266	978	0.373	ng/ul	96
15) Phenanthrene	16.896	178	10081	0.410	ng/ul	99
16) Anthracene	16.998	178	7801	0.426	ng/ul	99
19) Fluoranthene	18.914	202	13033	0.430	ng/ul	99
20) Pyrene	19.276	202	14004	0.427	ng/ul	98
21) Benzo(a)anthracene	21.023	228	11292	0.418	ng/ul	99
22) Chrysene	21.073	228	14181	0.411	ng/ul	99
24) Benzo(b)fluoranthene	22.513	252	14092	0.415	ng/ul	97
25) Benzo(k)fluoranthene	22.554	252	16376	0.405	ng/ul	95
26) Benzo(a)pyrene	23.045	252	12807	0.407	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.189	276	19994	0.388	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.199	278	15165	0.395	ng/ul	97
29) Benzo(g,h,i)perylene	25.812	276	16774	0.380	ng/ul	98

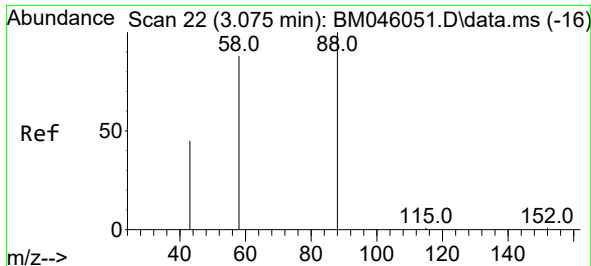
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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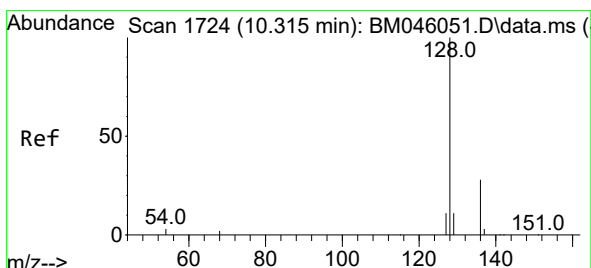
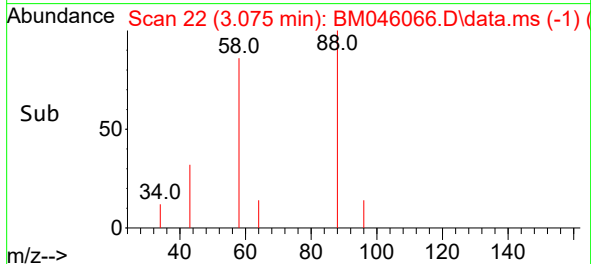
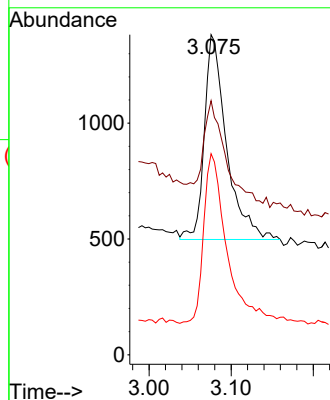
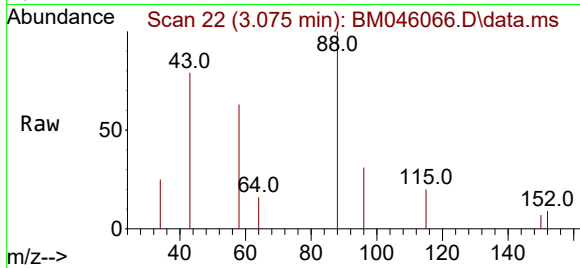




#2
1,4-Dioxane
Concen: 0.417 ng/ul
RT: 3.075 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

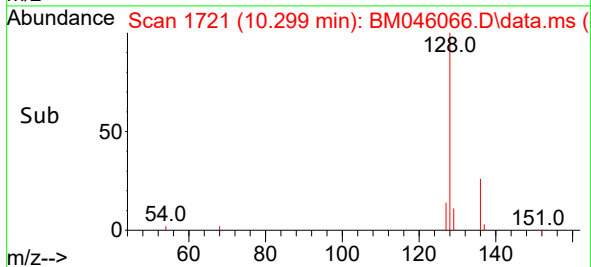
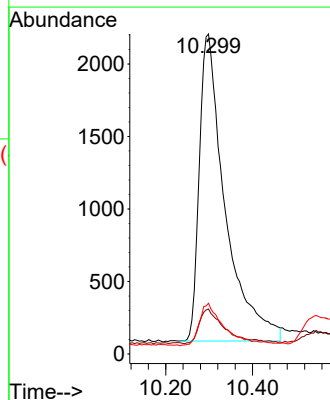
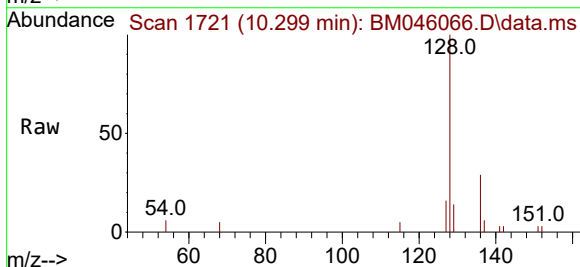
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

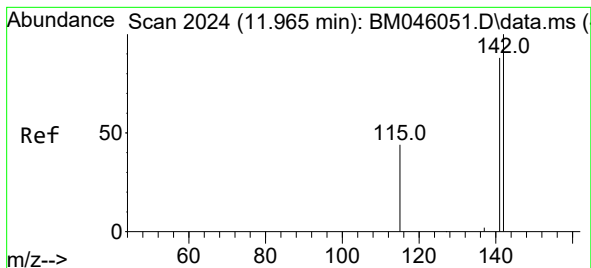
Tgt Ion: 88 Resp: 1662
Ion Ratio Lower Upper
88 100
43 79.4 69.8 104.8
58 62.8 53.2 79.8



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.299 min Scan# 1721
Delta R.T. -0.004 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion: 128 Resp: 8730
Ion Ratio Lower Upper
128 100
129 14.0 11.8 17.6
127 15.9 12.8 19.2





#7

2-Methylnaphthalene

Concen: 0.420 ng/ul

RT: 11.932 min Scan# 20

Delta R.T. -0.015 min

Lab File: BM046066.D

Acq: 19 Jun 2024 00:53

Instrument :

BNA_M

ClientSampleId :

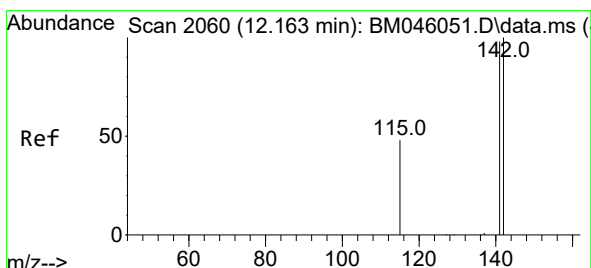
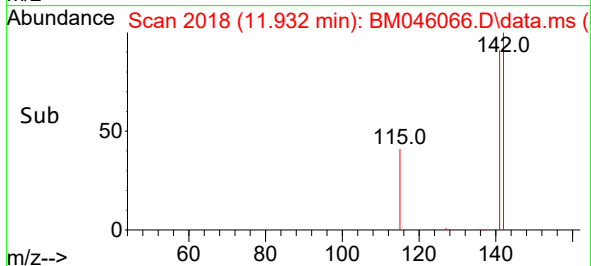
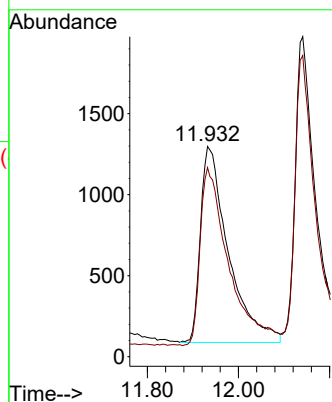
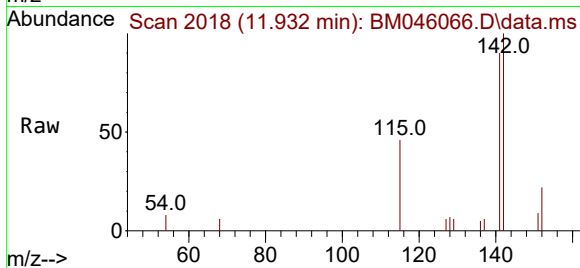
SSTD0.4129

Tgt Ion:142 Resp: 5145

Ion Ratio Lower Upper

142 100

141 93.8 74.6 111.8



#8

1-Methylnaphthalene

Concen: 0.425 ng/ul

RT: 12.141 min Scan# 2056

Delta R.T. -0.010 min

Lab File: BM046066.D

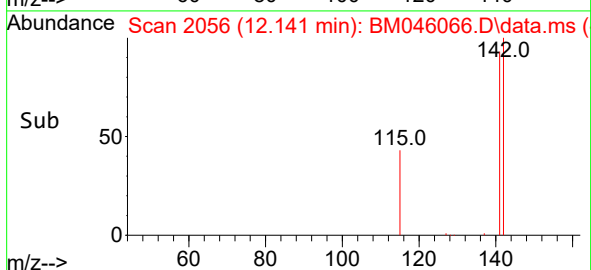
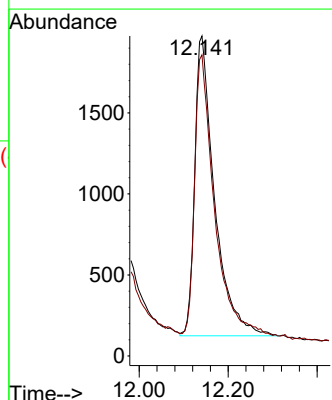
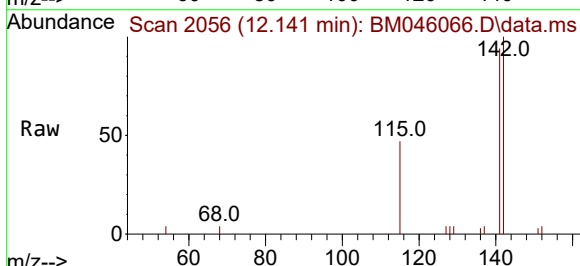
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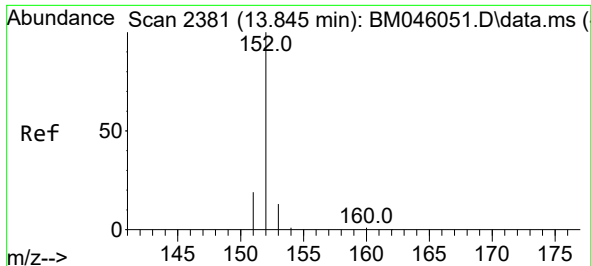
Tgt Ion:142 Resp: 5719

Ion Ratio Lower Upper

142 100

141 93.7 75.2 112.8

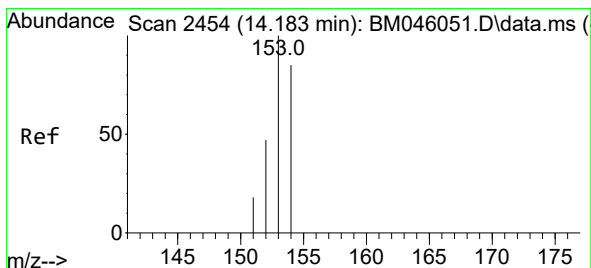
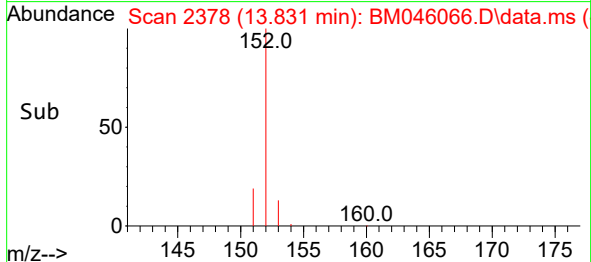
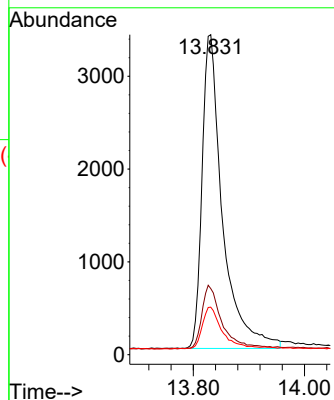
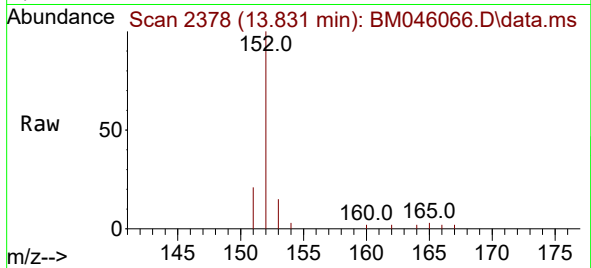




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.831 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

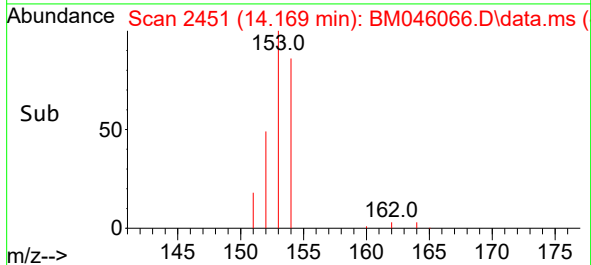
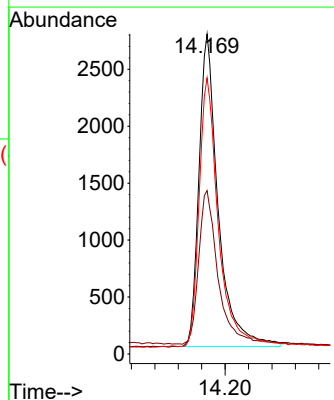
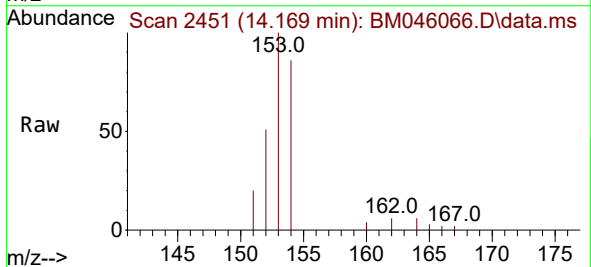
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

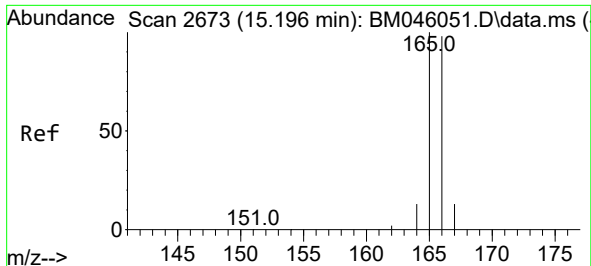
Tgt Ion:152 Resp: 8651
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.2
153 14.8 11.8 17.8



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.003 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion:153 Resp: 6243
Ion Ratio Lower Upper
153 100
152 51.1 41.3 61.9
154 86.3 68.2 102.4

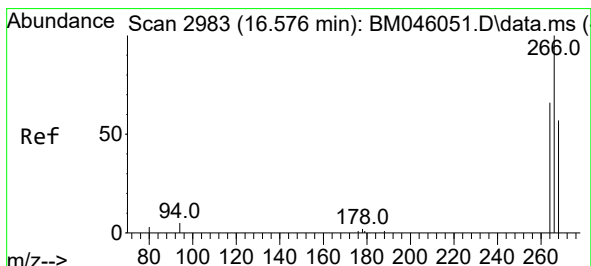
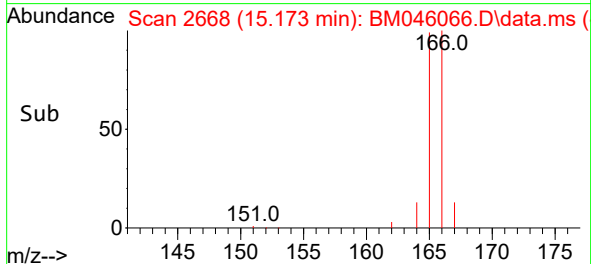
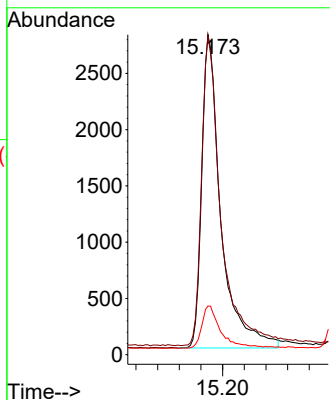
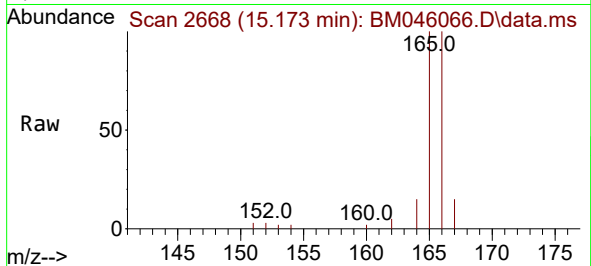




#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.173 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

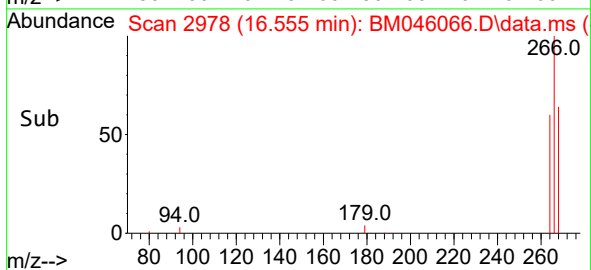
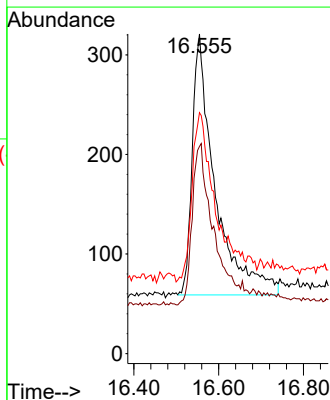
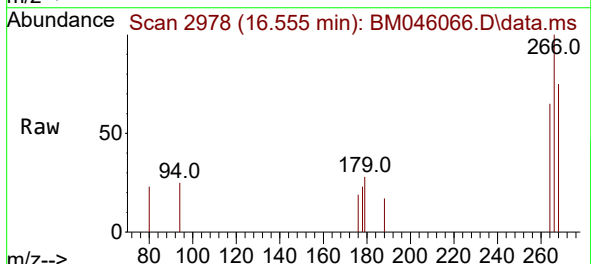
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

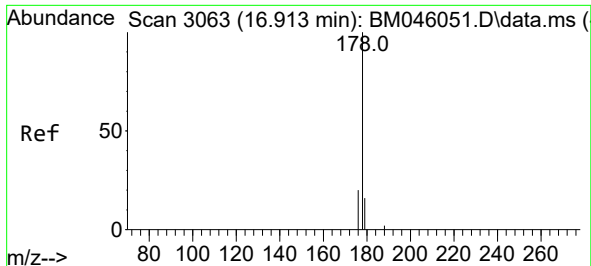
Tgt Ion:166 Resp: 6841
Ion Ratio Lower Upper
166 100
165 99.6 80.4 120.6
167 15.2 12.4 18.6



#14
Pentachlorophenol
Concen: 0.373 ng/ul
RT: 16.555 min Scan# 2978
Delta R.T. -0.011 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion:266 Resp: 978
Ion Ratio Lower Upper
266 100
264 59.1 50.9 76.3
268 67.0 52.3 78.5

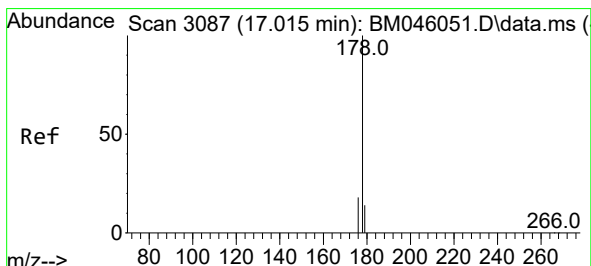
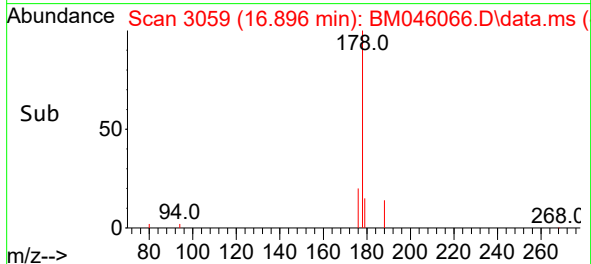
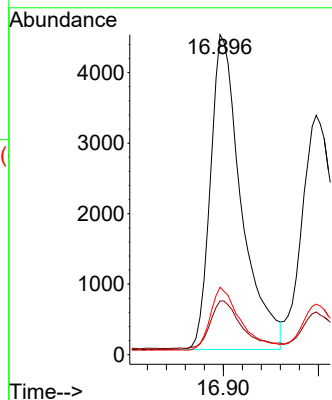
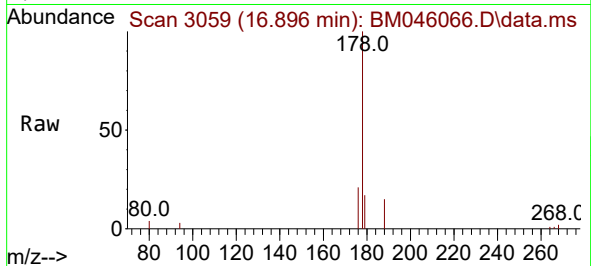




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 16.896 min Scan# 3063
Delta R.T. -0.007 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

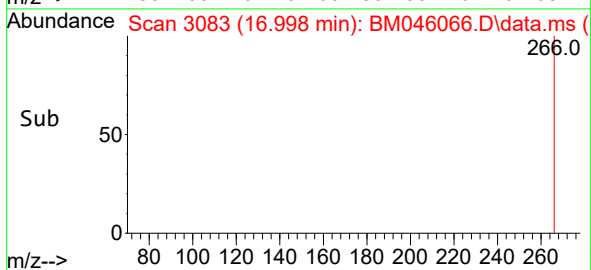
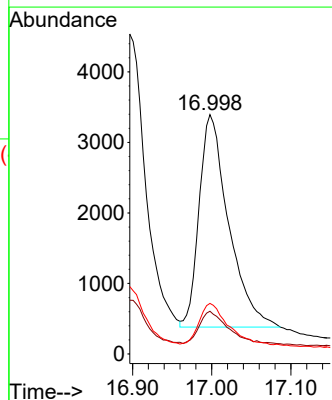
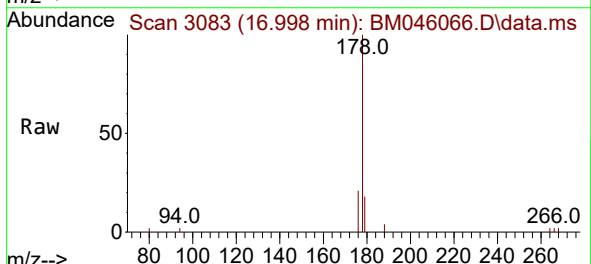
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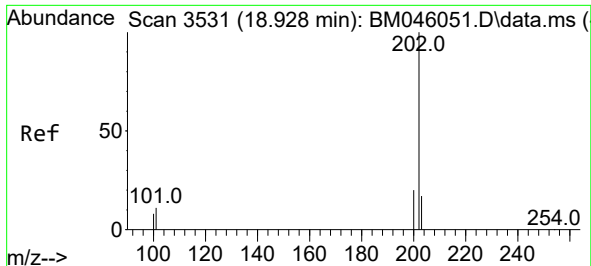
Tgt Ion:178 Resp: 10081
Ion Ratio Lower Upper
178 100
179 16.8 14.2 21.2
176 21.0 17.1 25.7



#16
Anthracene
Concen: 0.426 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.007 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion:178 Resp: 7801
Ion Ratio Lower Upper
178 100
179 17.8 14.9 22.3
176 21.1 17.0 25.4

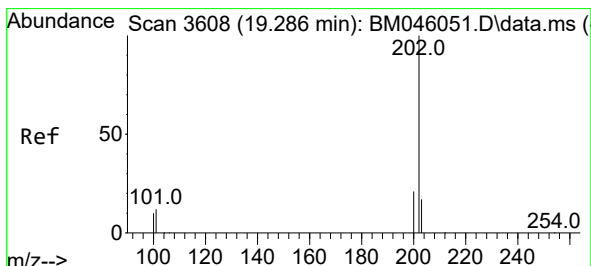
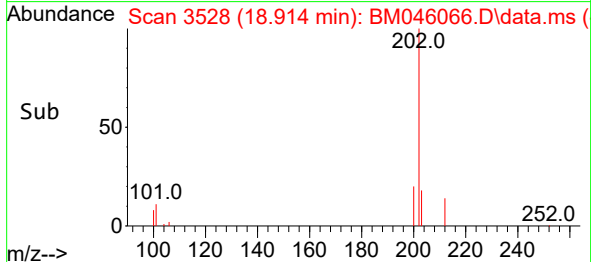
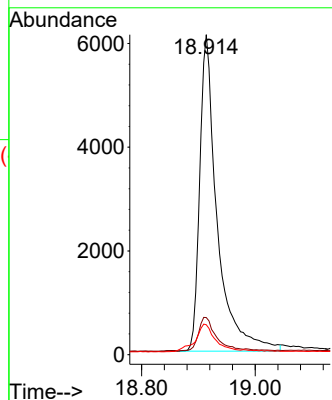
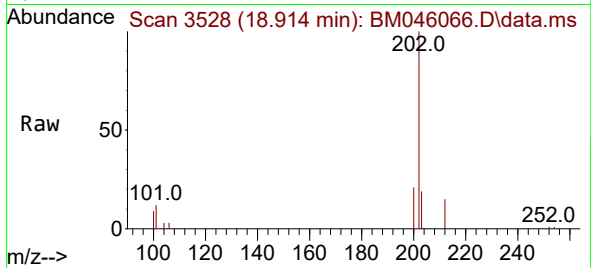




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 18.914 min Scan# 3528
Delta R.T. -0.003 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

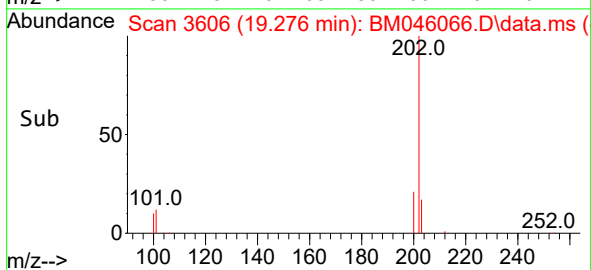
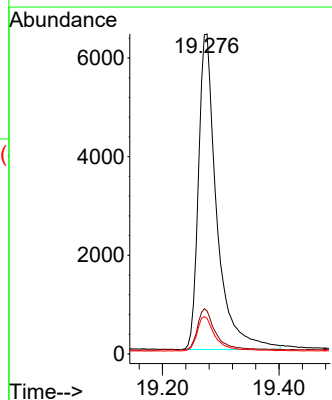
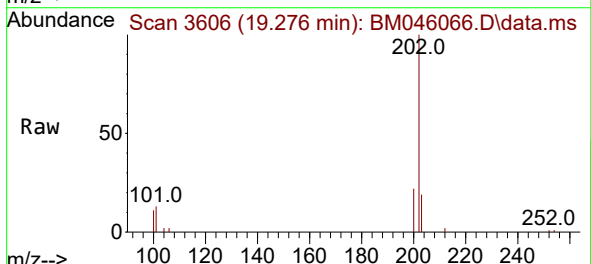
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SSTD0.4129

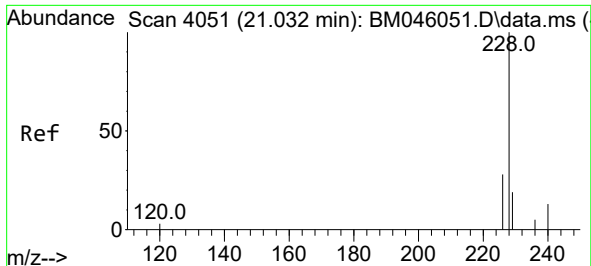
Tgt Ion:202 Resp: 13033
Ion Ratio Lower Upper
202 100
101 11.6 9.6 14.4
100 9.4 7.6 11.4



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. 0.001 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion:202 Resp: 14004
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 11.1 9.8 14.6

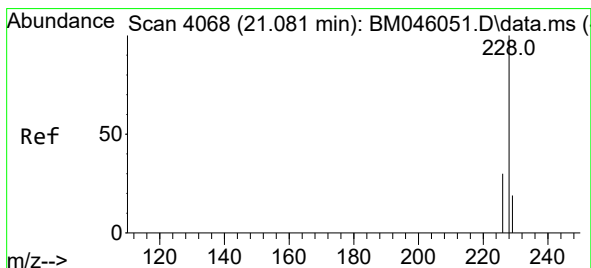
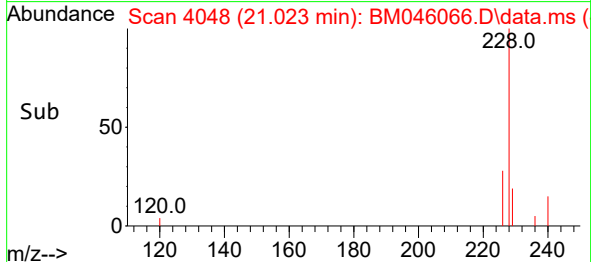
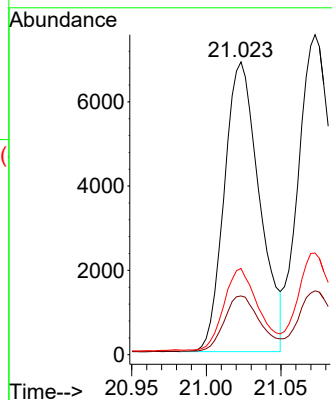
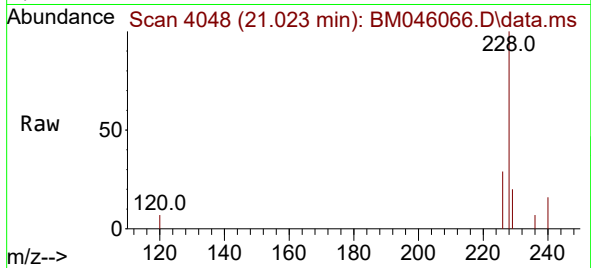




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.023 min Scan# 4051
Delta R.T. -0.006 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

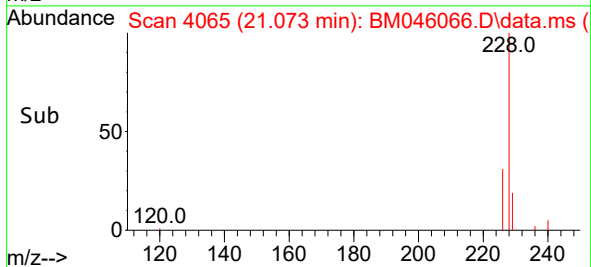
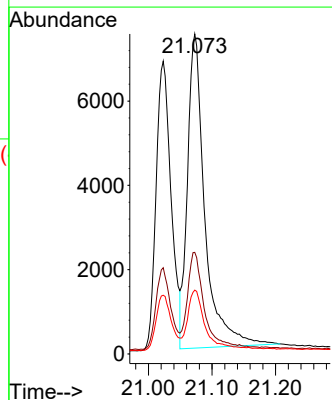
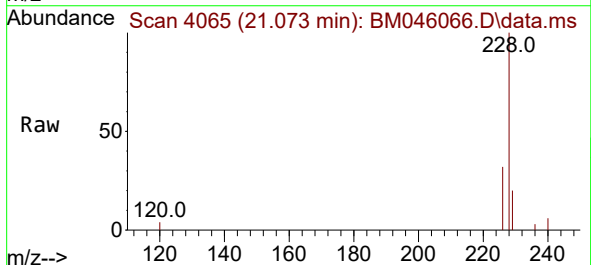
Instrument :
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SSTD0.4129

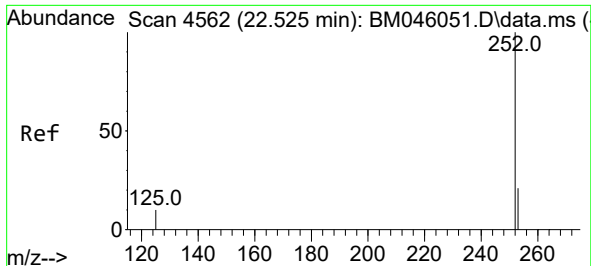
Tgt Ion:228 Resp: 11292
Ion Ratio Lower Upper
228 100
229 20.0 16.4 24.6
226 29.5 23.4 35.2



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.003 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

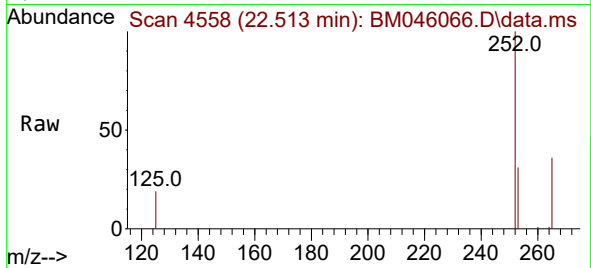
Tgt Ion:228 Resp: 14181
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 19.9 16.3 24.5



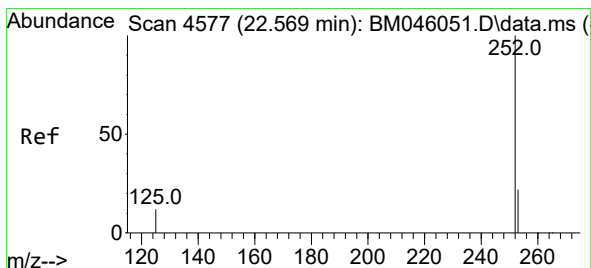
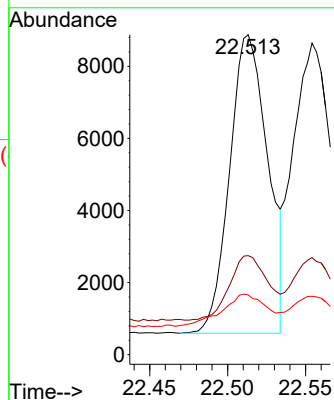


#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 22.513 min Scan# 4558
Delta R.T. -0.006 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

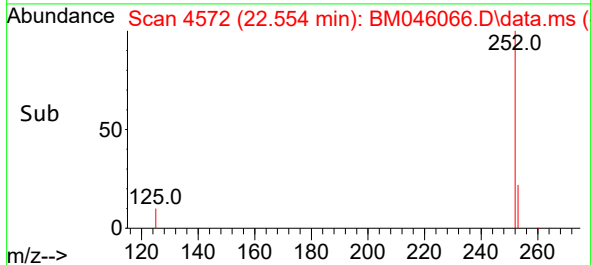
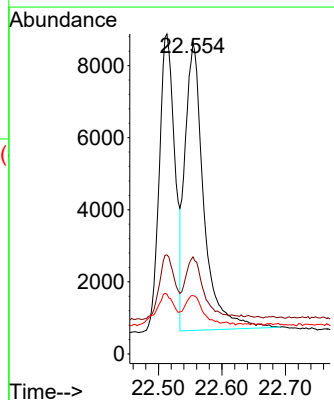
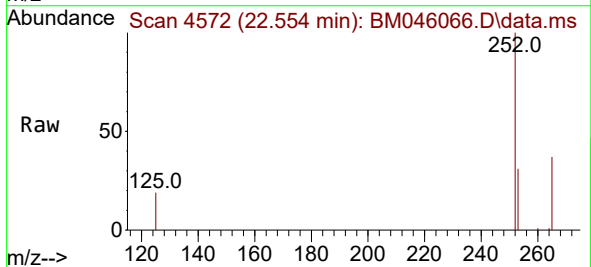


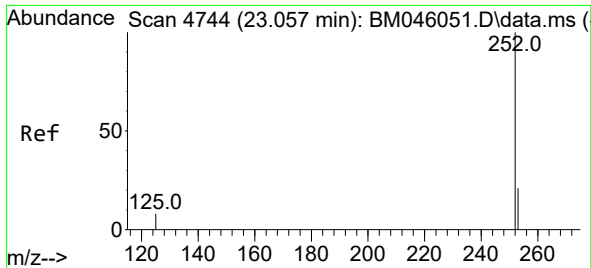
Tgt Ion:252 Resp: 14092
Ion Ratio Lower Upper
252 100
253 30.9 0.0 65.8
125 18.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.554 min Scan# 4572
Delta R.T. -0.009 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion:252 Resp: 16376
Ion Ratio Lower Upper
252 100
253 31.2 27.2 40.8
125 18.8 16.6 25.0

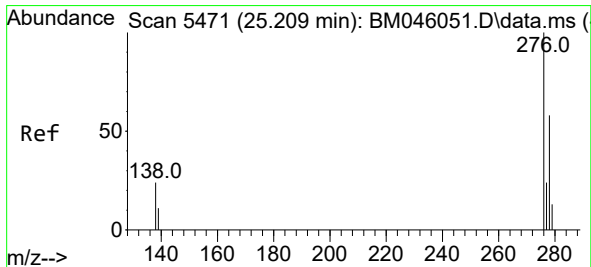
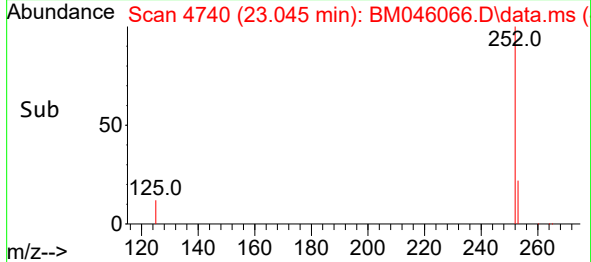
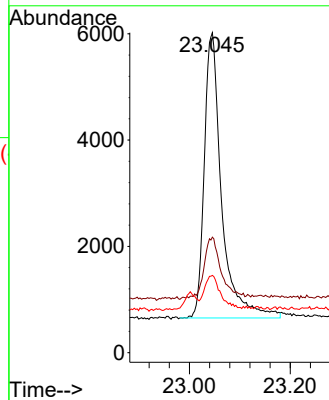
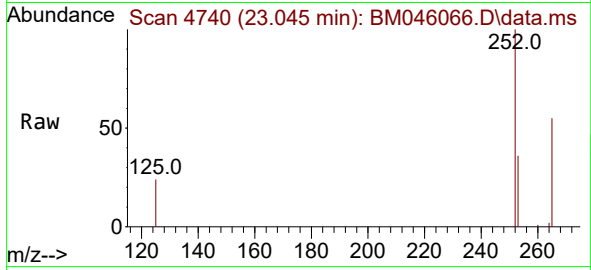




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.045 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

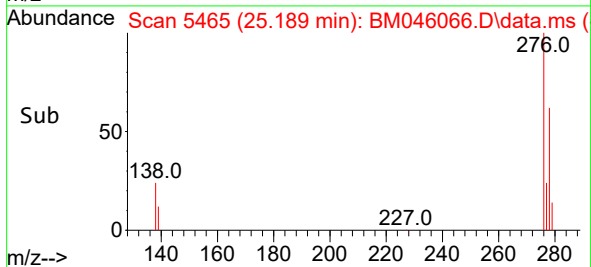
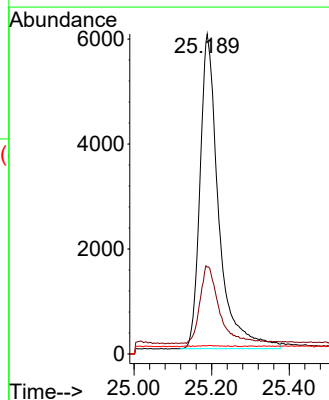
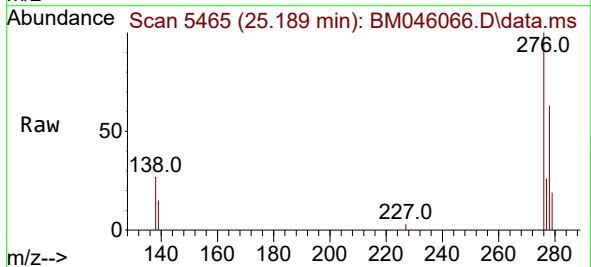
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

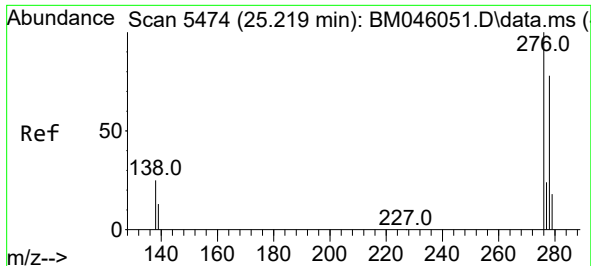
Tgt Ion:	252	Resp:	12807
Ion Ratio	Lower	Upper	
252	100		
253	36.1	32.1	48.1
125	24.2	21.2	31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.189 min Scan# 5465
Delta R.T. -0.014 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

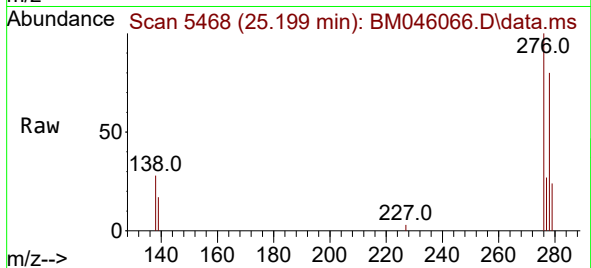
Tgt Ion:	276	Resp:	19994
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.0	31.4
227	0.2	0.0	0.0#



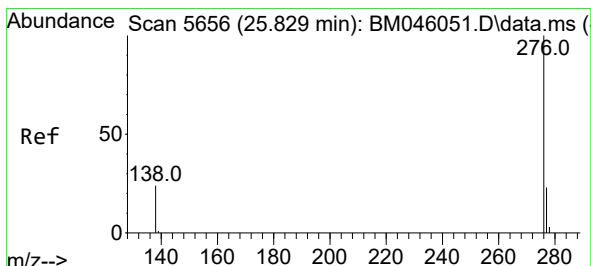
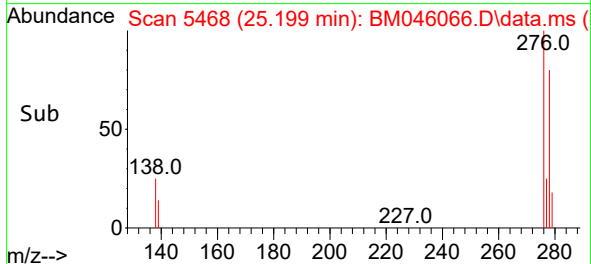
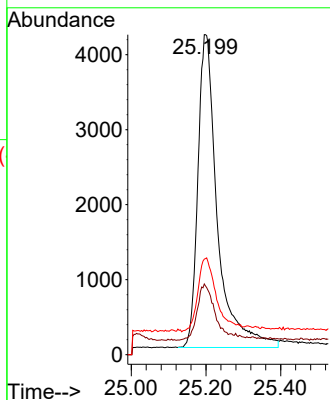


#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 25.199 min Scan# 5474
Delta R.T. -0.017 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4129



Tgt Ion:278 Resp: 15165
Ion Ratio Lower Upper
278 100
139 21.5 17.6 26.4
279 30.1 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 25.812 min Scan# 5651
Delta R.T. -0.017 min
Lab File: BM046066.D
Acq: 19 Jun 2024 00:53

Tgt Ion:276 Resp: 16774
Ion Ratio Lower Upper
276 100
138 26.0 21.7 32.5
277 26.0 20.4 30.6

