

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046427.D
 Acq On : 06 Jul 2024 20:41
 Operator : MA/JU
 Sample : SSTDCCC00.4
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4154

Quant Time: Jul 08 00:50:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

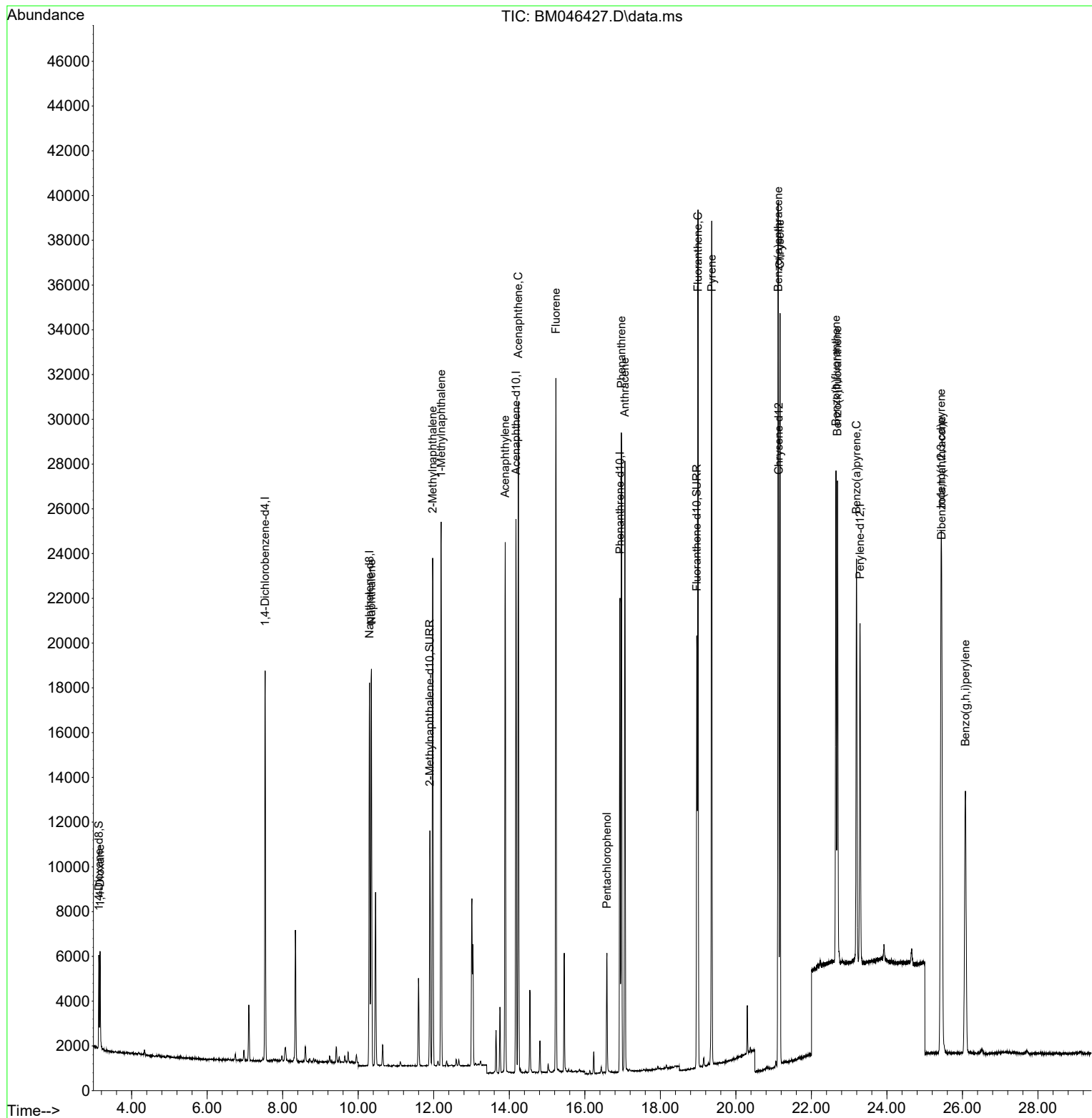
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	8306	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	22715	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.178	164	13352	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	25582	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	16513	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	17159	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2293	0.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	13655	0.406	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	22269	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	2472	0.254	ng/ul	93
5) Naphthalene	10.348	128	23492	0.390	ng/ul	100
7) 2-Methylnaphthalene	11.970	142	15715	0.385	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	16538	0.394	ng/ul	99
10) Acenaphthylene	13.891	152	26599	0.393	ng/ul	100
11) Acenaphthene	14.238	153	17026	0.385	ng/ul	97
12) Fluorene	15.233	166	19327	0.371	ng/ul	100
14) Pentachlorophenol	16.584	266	3400	0.456	ng/ul	99
15) Phenanthrene	16.968	178	28827	0.376	ng/ul	99
16) Anthracene	17.061	178	28250	0.380	ng/ul	100
19) Fluoranthene	18.998	202	31954	0.383	ng/ul	97
20) Pyrene	19.360	202	32458	0.378	ng/ul#	94
21) Benzo(a)anthracene	21.120	228	28601	0.388	ng/ul	99
22) Chrysene	21.169	228	27153	0.370	ng/ul	100
24) Benzo(b)fluoranthene	22.651	252	26795	0.367	ng/ul	97
25) Benzo(k)fluoranthene	22.692	252	26070	0.354	ng/ul	96
26) Benzo(a)pyrene	23.194	252	24342	0.422	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.433	276	30279	0.389	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.450	278	23999	0.398	ng/ul	97
29) Benzo(g,h,i)perylene	26.077	276	24602	0.396	ng/ul	95

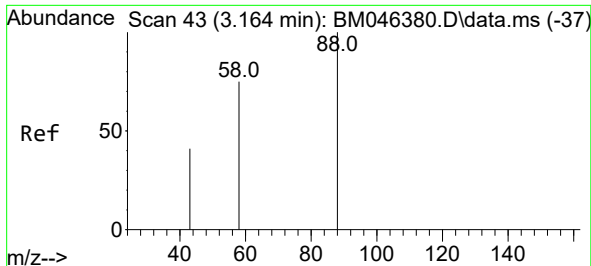
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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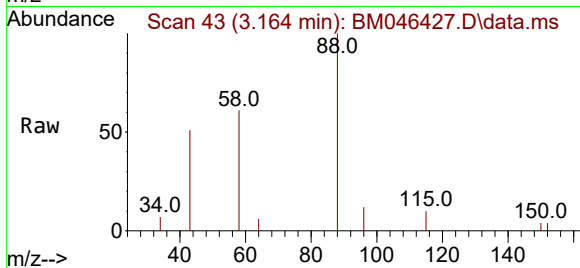
Quant Time: Jul 08 00:50:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
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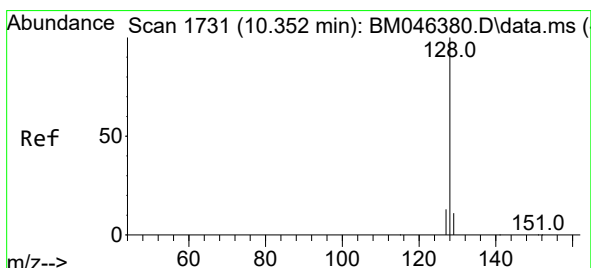
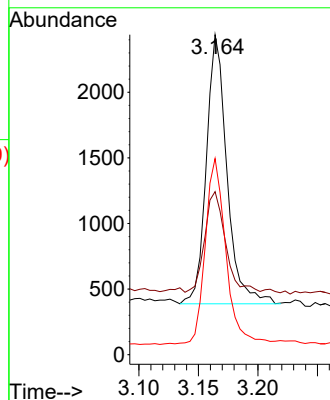
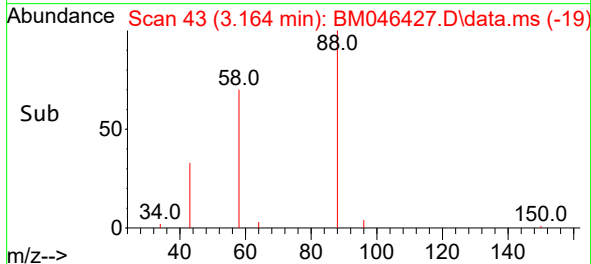
#2
1,4-Dioxane
Concen: 0.254 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4154



Tgt Ion: 88 Resp: 2472

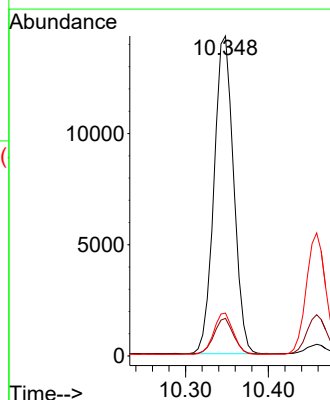
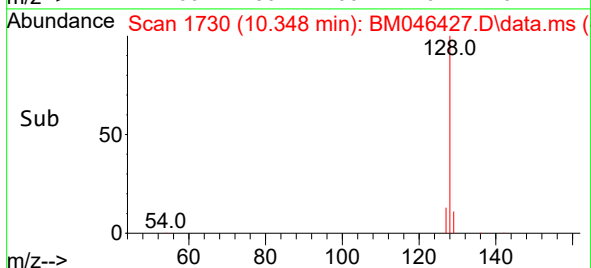
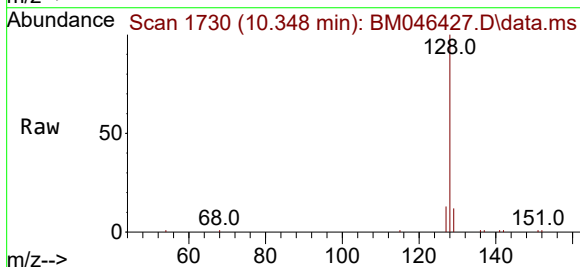
Ion	Ratio	Lower	Upper
88	100		
43	51.0	41.9	62.9
58	61.3	56.5	84.7

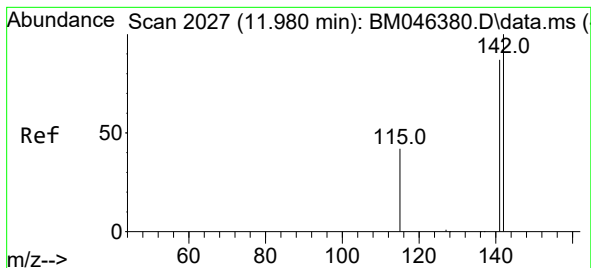


#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion: 128 Resp: 23492

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.4	10.8	16.2

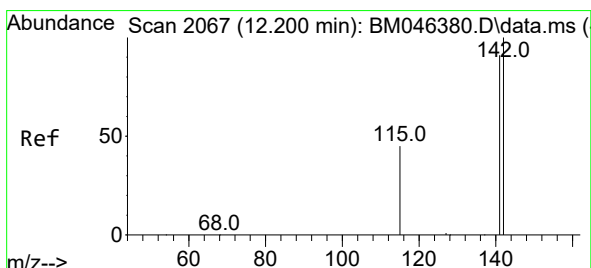
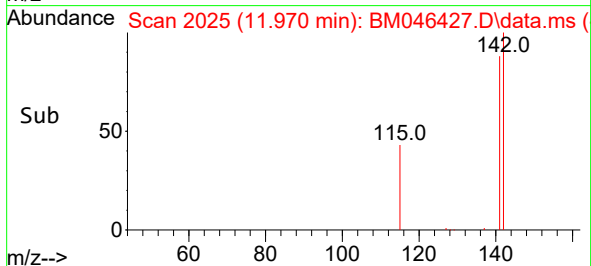
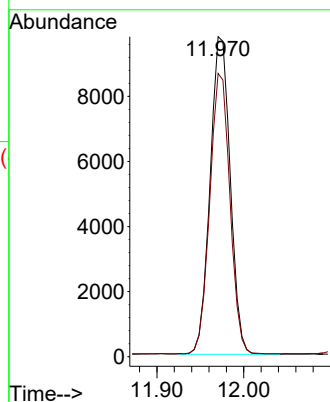
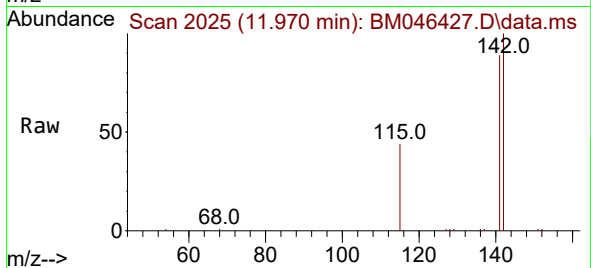




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.009 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

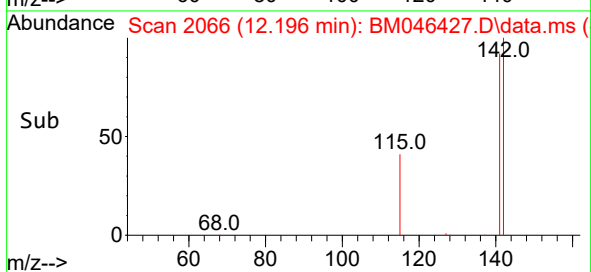
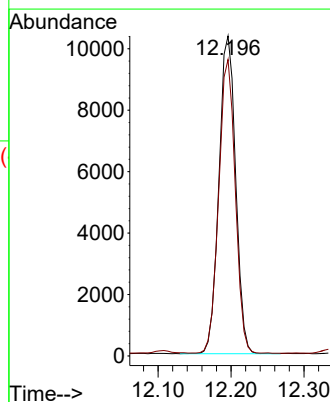
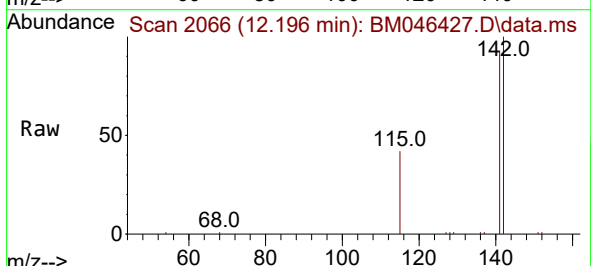
Instrument :
BNA_M
ClientSampleId :
SSTD0.4154

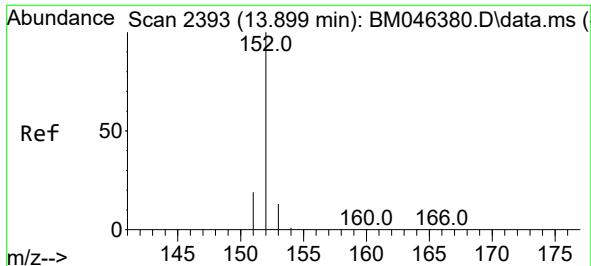
Tgt Ion:142 Resp: 15715
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion:142 Resp: 16538
Ion Ratio Lower Upper
142 100
141 91.3 72.4 108.6

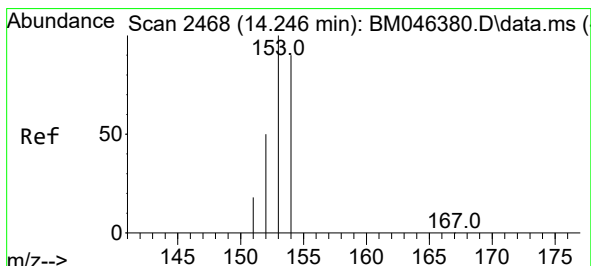
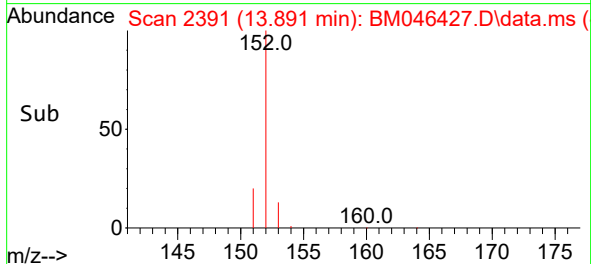
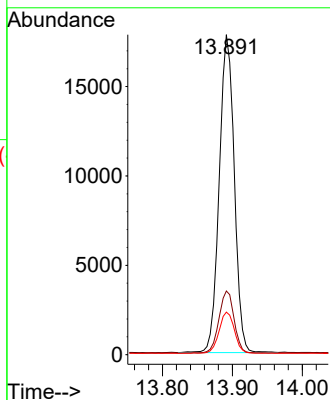
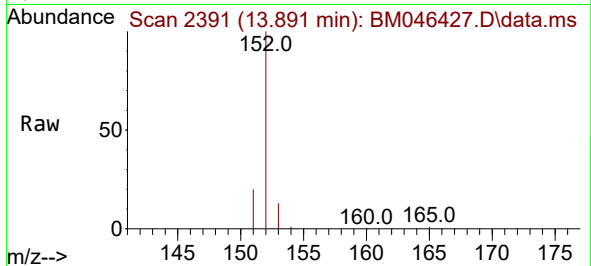




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

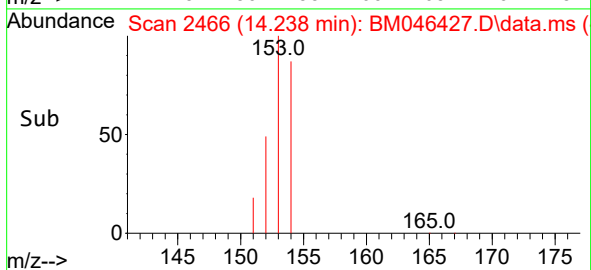
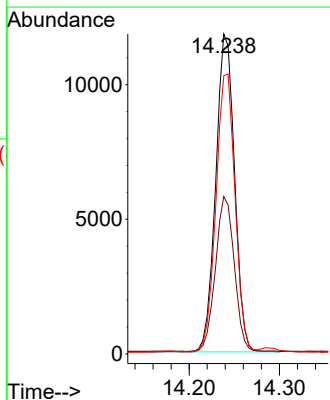
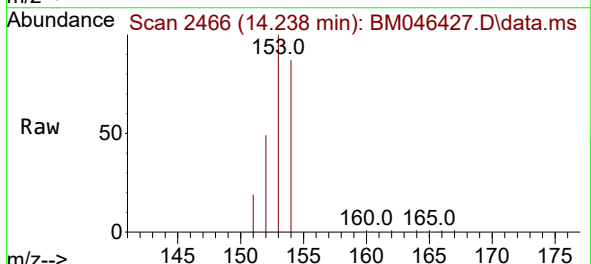
Instrument :
BNA_M
ClientSampleId :
SSTD0.4154

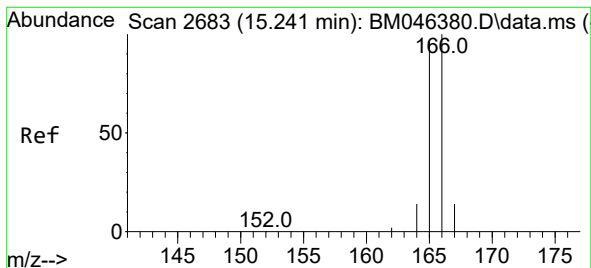
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	11.0	16.6



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	40.4	60.6
154	87.0	72.1	108.1





#12

Fluorene

Concen: 0.371 ng/ul

RT: 15.233 min Scan# 2

Delta R.T. -0.008 min

Lab File: BM046427.D

Acq: 06 Jul 2024 20:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4154

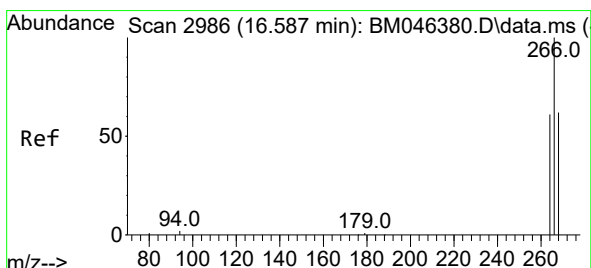
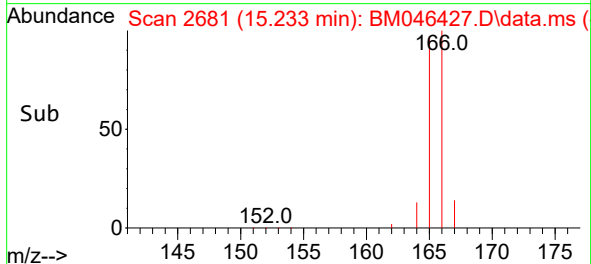
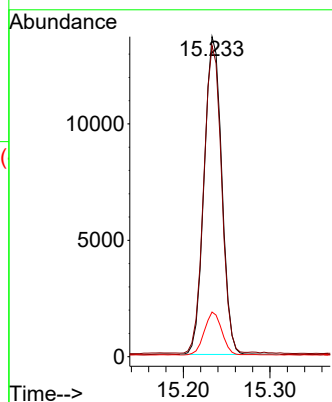
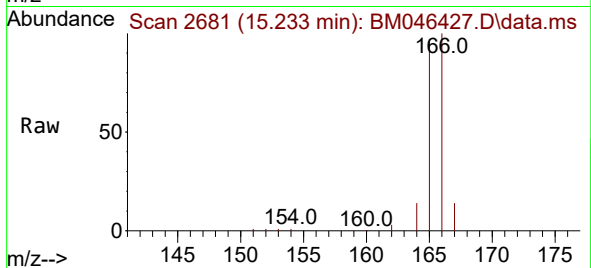
Tgt Ion:166 Resp: 19327

Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

167 13.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.456 ng/ul

RT: 16.584 min Scan# 2985

Delta R.T. -0.003 min

Lab File: BM046427.D

Acq: 06 Jul 2024 20:41

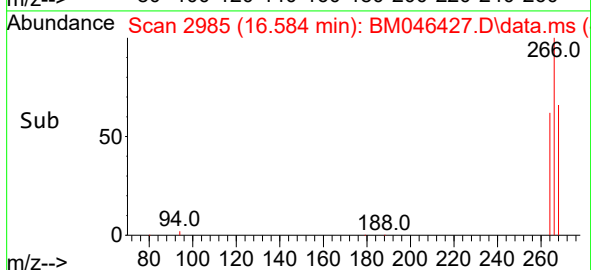
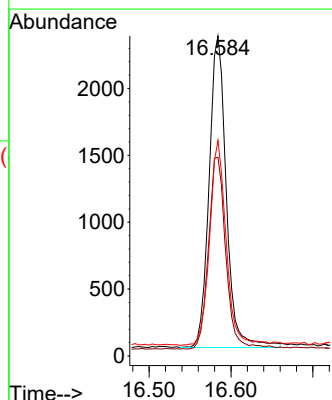
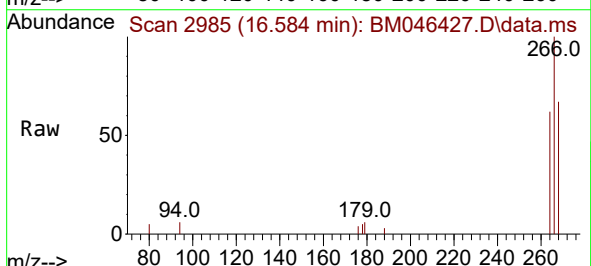
Tgt Ion:266 Resp: 3400

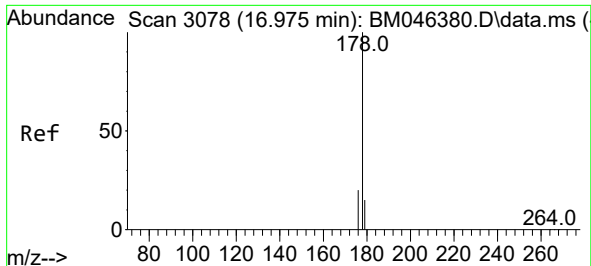
Ion Ratio Lower Upper

266 100

264 62.2 51.0 76.6

268 63.5 50.8 76.2

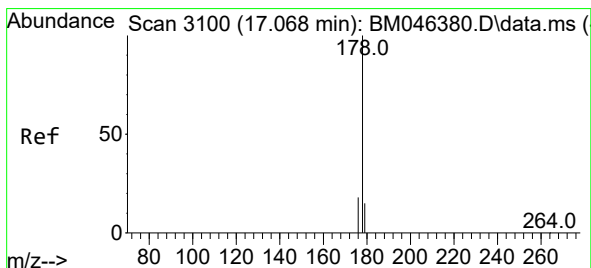
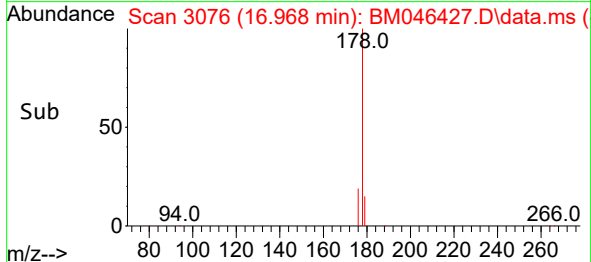
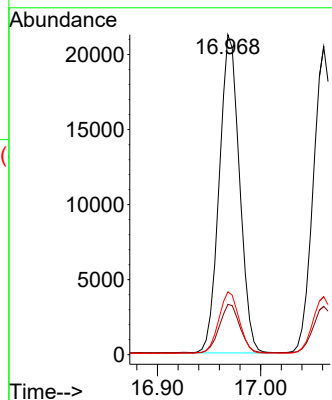
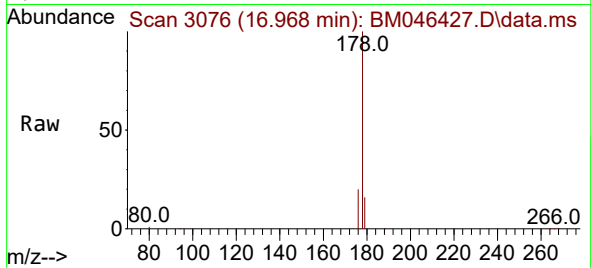




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

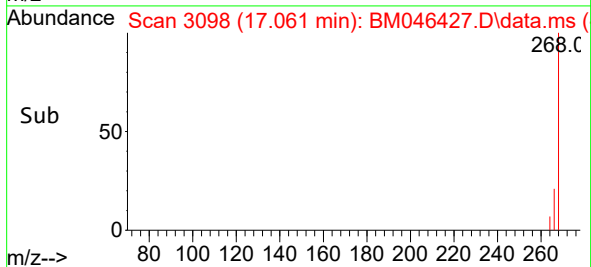
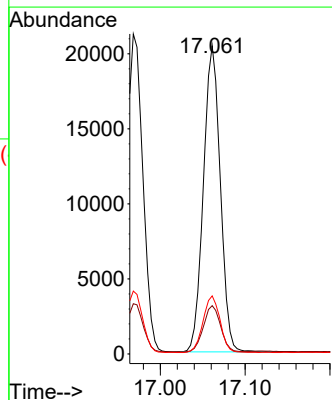
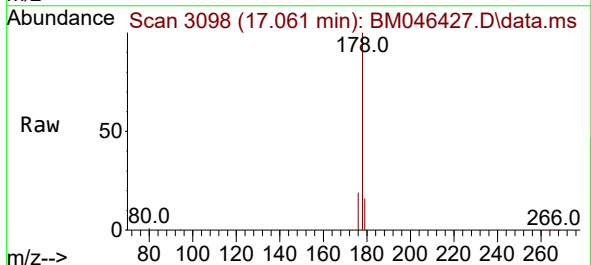
Instrument :
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ClientSampleId :
SSTD0.4154

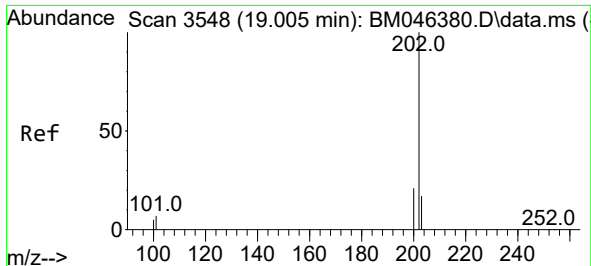
Tgt Ion:178 Resp: 28827
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.6 16.0 24.0



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion:178 Resp: 28250
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.8 14.9 22.3

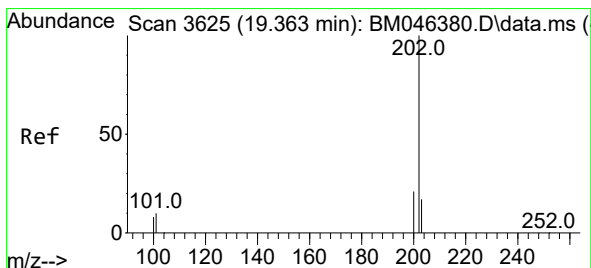
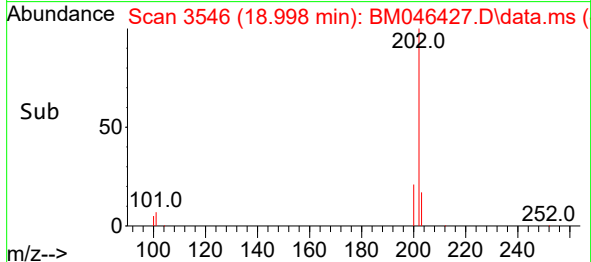
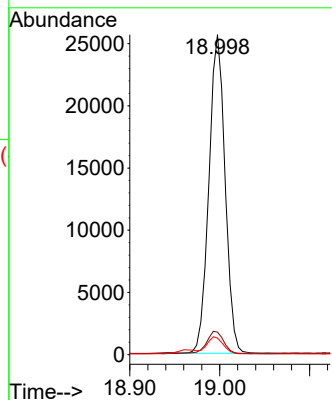
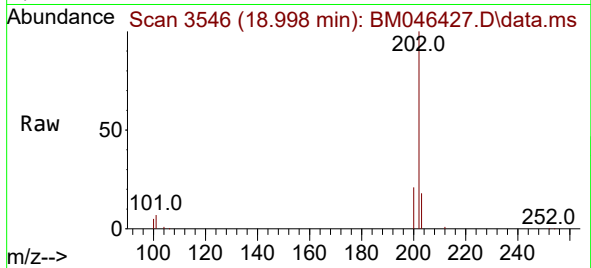




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 18.998 min Scan# 31954
Delta R.T. -0.008 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

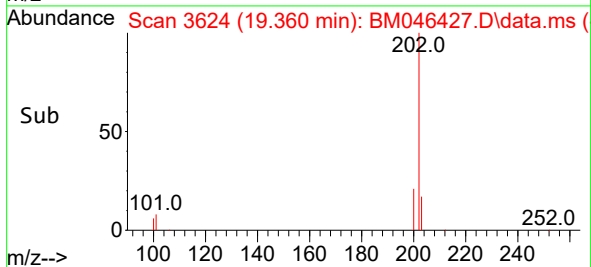
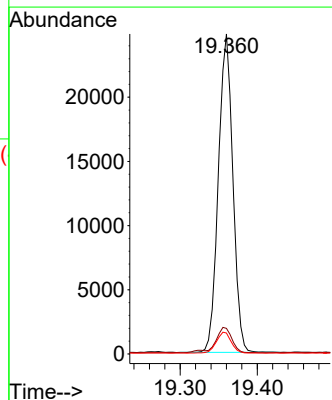
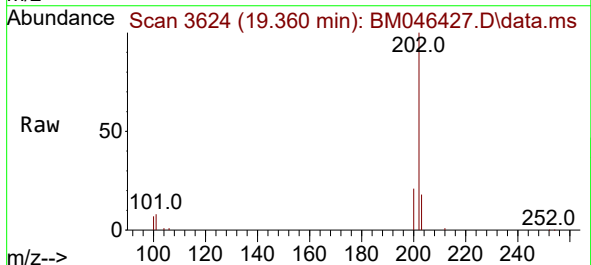
Instrument :
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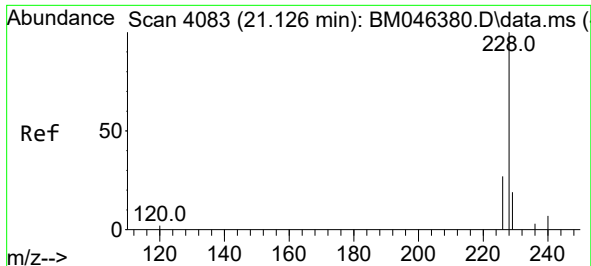
Tgt Ion:202 Resp: 31954
Ion Ratio Lower Upper
202 100
101 7.0 6.3 9.5
100 5.2 5.0 7.6



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

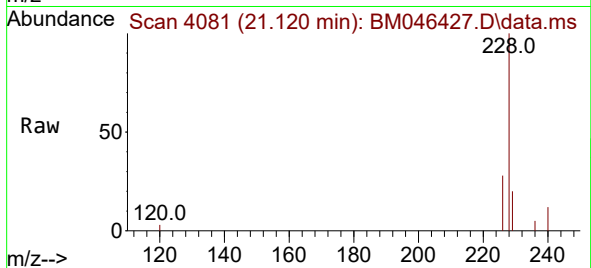
Tgt Ion:202 Resp: 32458
Ion Ratio Lower Upper
202 100
101 8.0 8.2 12.4#
100 6.5 6.9 10.3#



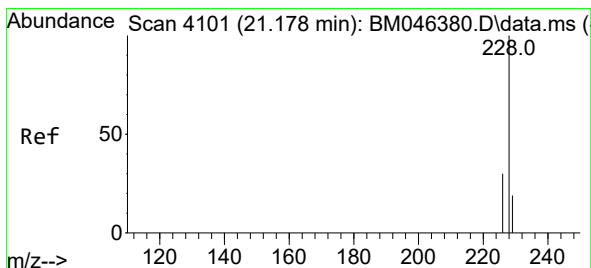
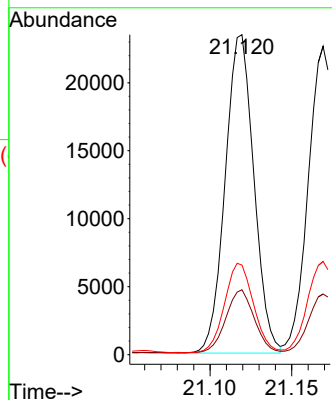
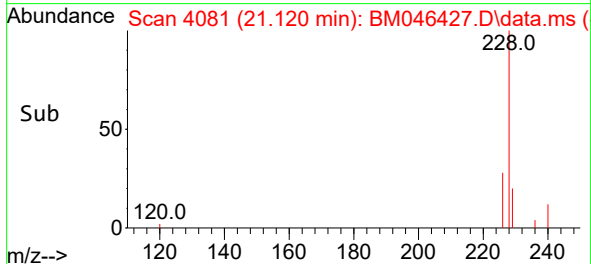


#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4154

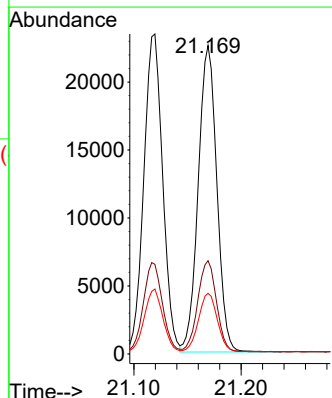
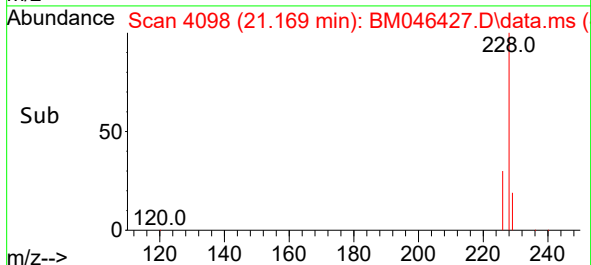
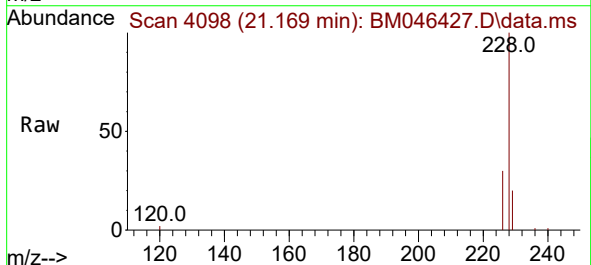


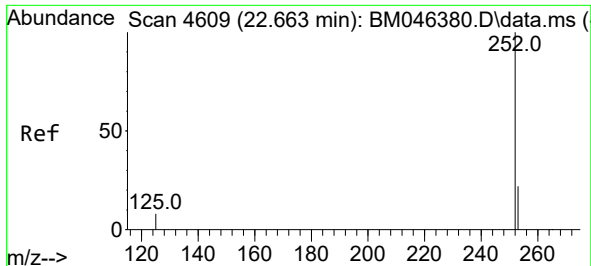
Tgt Ion:228 Resp: 28601
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

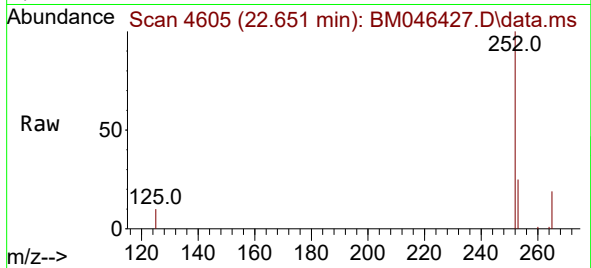
Tgt Ion:228 Resp: 27153
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.7 15.8 23.6



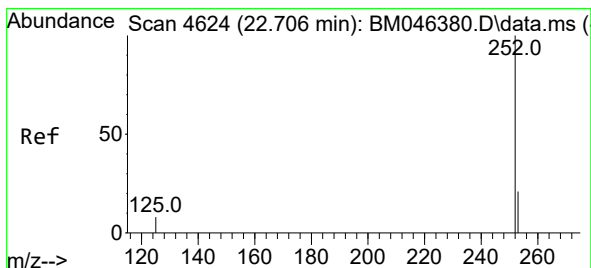
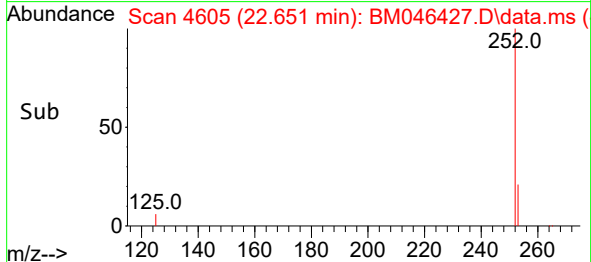
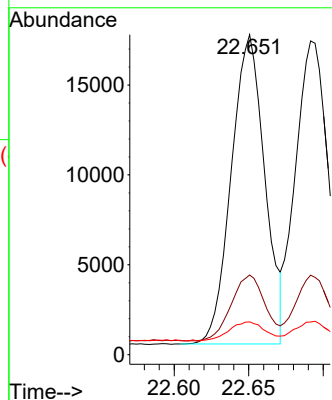


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4154

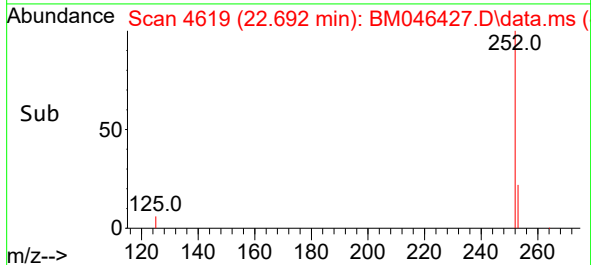
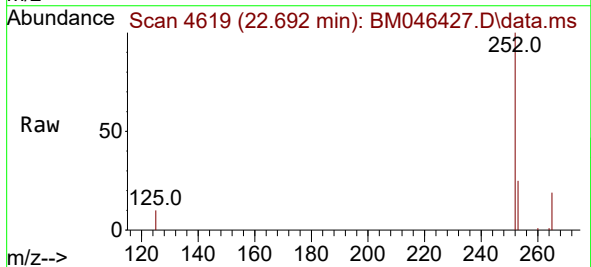
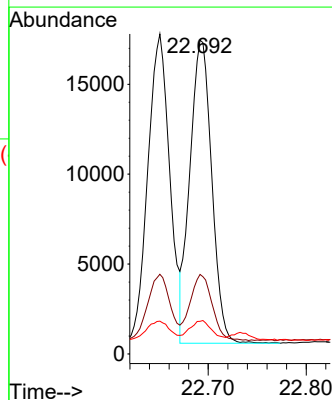


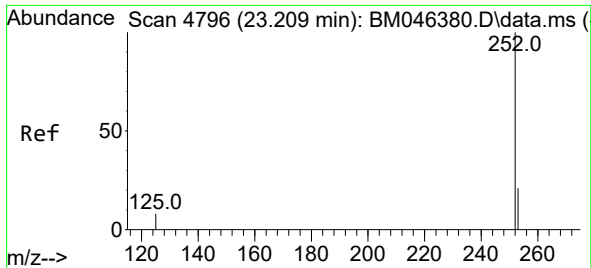
Tgt Ion:252 Resp: 26795
Ion Ratio Lower Upper
252 100
253 24.9 0.0 47.0
125 10.3 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion:252 Resp: 26070
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 10.4 7.5 11.3

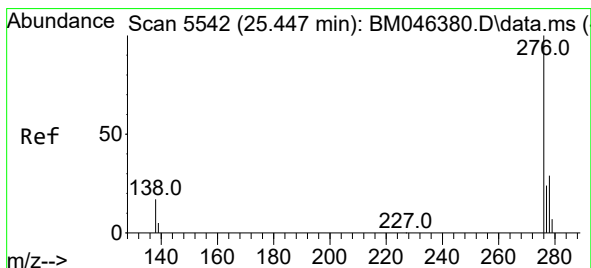
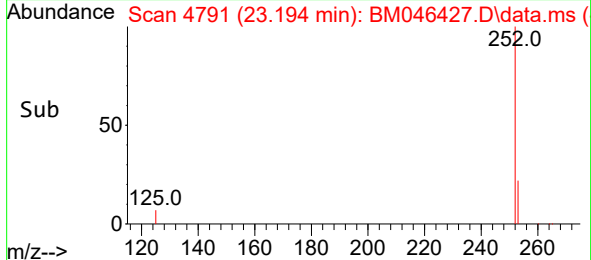
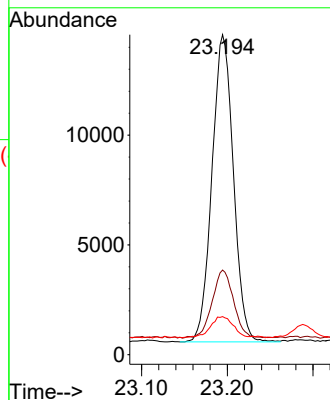
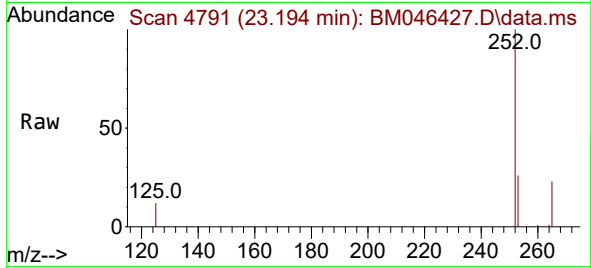




#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

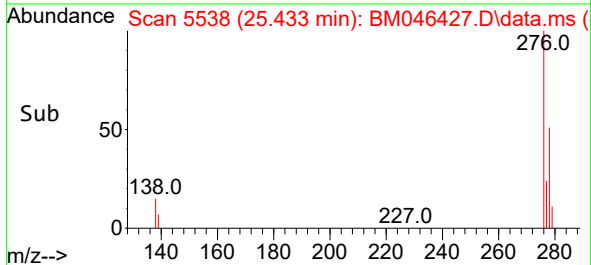
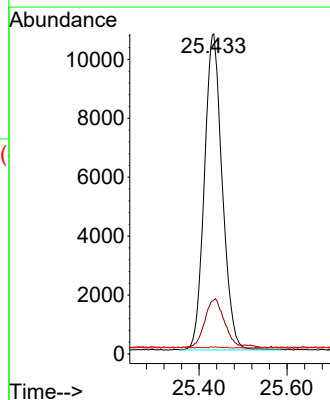
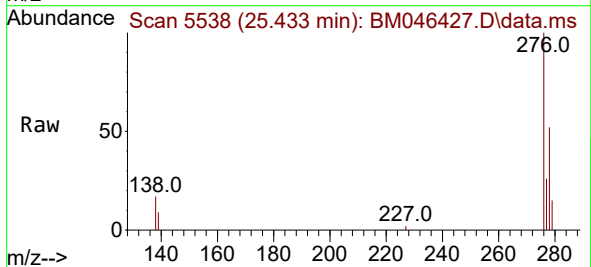
Instrument :
BNA_M
ClientSampleId :
SSTD0.4154

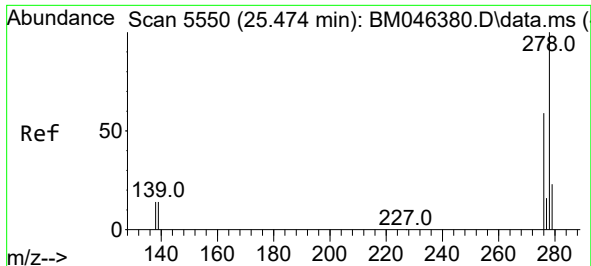
Tgt Ion:252 Resp: 24342
Ion Ratio Lower Upper
252 100
253 26.5 18.9 28.3
125 11.9 8.1 12.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.014 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion:276 Resp: 30279
Ion Ratio Lower Upper
276 100
138 17.3 15.7 23.5
227 0.1 0.1 0.1#

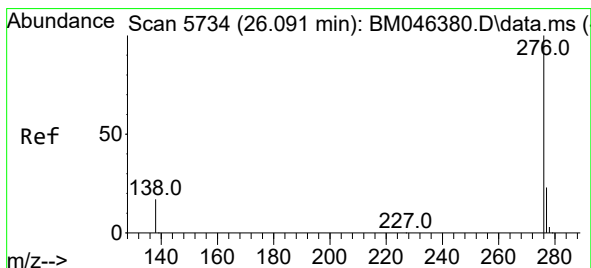
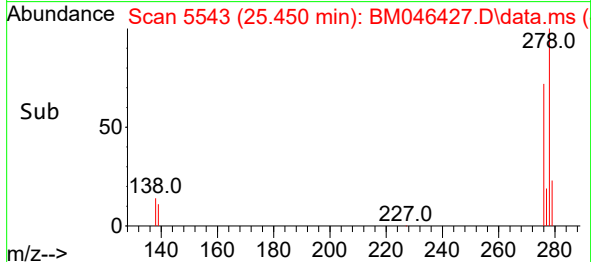
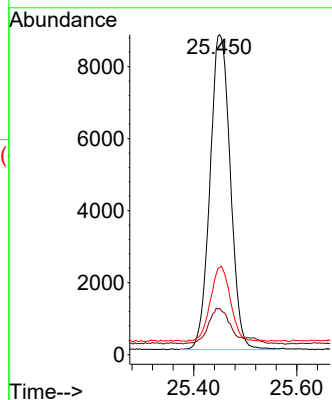
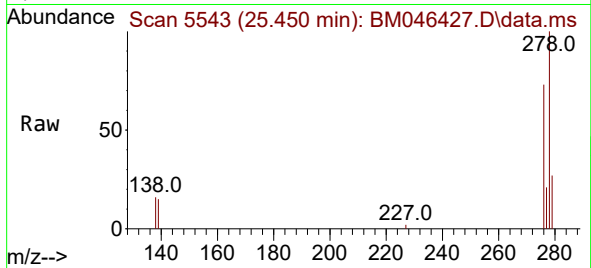




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4154

Tgt Ion:278 Resp: 23999
Ion Ratio Lower Upper
278 100
139 14.5 12.6 18.8
279 27.3 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.014 min
Lab File: BM046427.D
Acq: 06 Jul 2024 20:41

Tgt Ion:276 Resp: 24602
Ion Ratio Lower Upper
276 100
138 16.2 15.4 23.0
277 26.1 19.7 29.5

