

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046586.D
 Acq On : 13 Jul 2024 17:31
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4166

Quant Time: Jul 15 09:03:23 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)

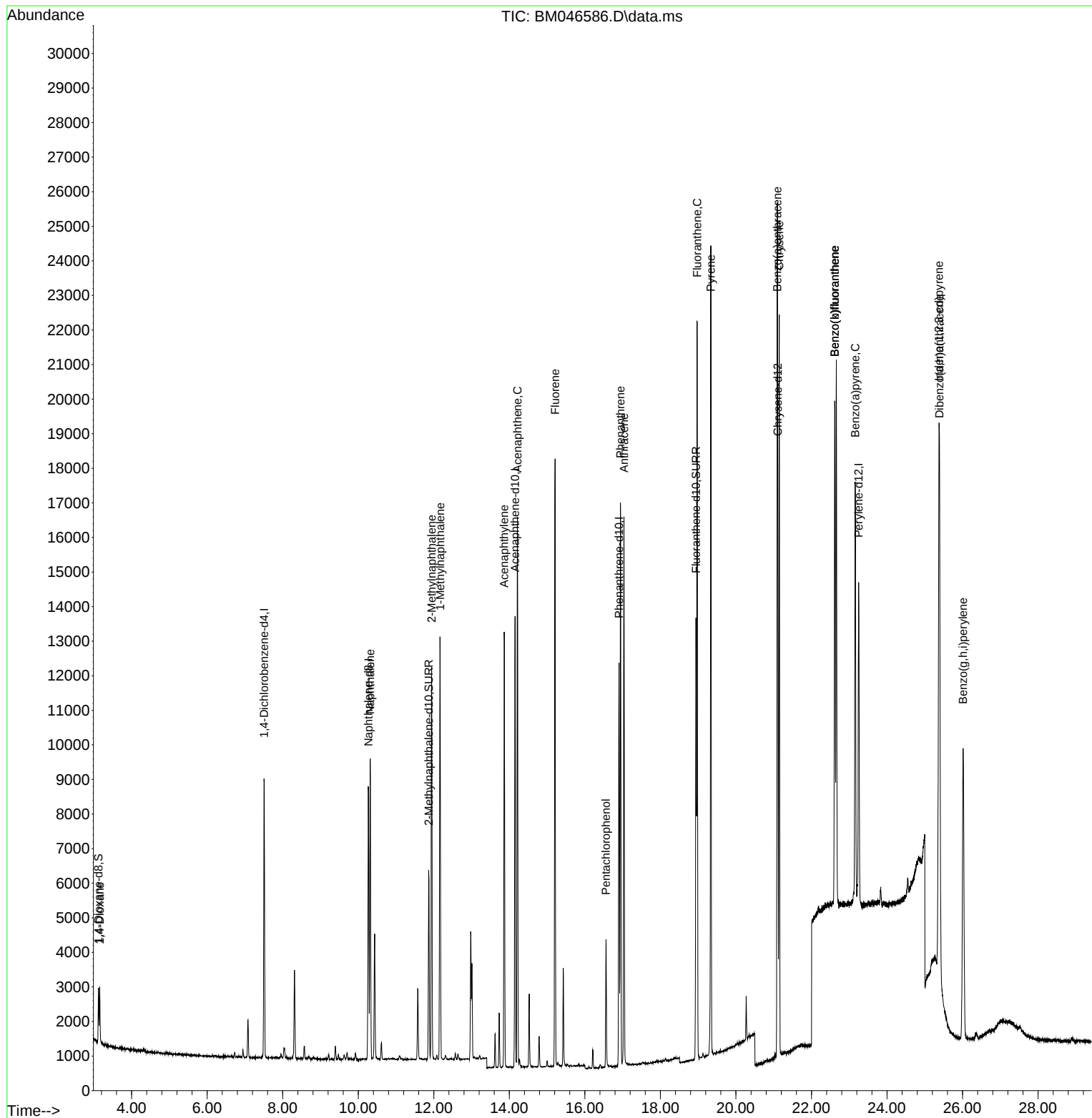
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3976	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	10956	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.151	164	7014	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	14605	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	10767	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	11561	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1017	0.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	6956	0.394	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	14092	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	1049	0.301	ng/ul#	77
5) Naphthalene	10.315	128	11358	0.408	ng/ul	96
7) 2-Methylnaphthalene	11.943	142	7866	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.168	142	8338	0.417	ng/ul	99
10) Acenaphthylene	13.864	152	13516	0.423	ng/ul	98
11) Acenaphthene	14.215	153	8995	0.420	ng/ul	97
12) Fluorene	15.210	166	10442	0.395	ng/ul	98
14) Pentachlorophenol	16.559	266	2283	0.308	ng/ul	99
15) Phenanthrene	16.943	178	16660	0.400	ng/ul	100
16) Anthracene	17.036	178	16263	0.400	ng/ul	98
19) Fluoranthene	18.974	202	19636	0.444	ng/ul	98
20) Pyrene	19.337	202	20169	0.421	ng/ul	99
21) Benzo(a)anthracene	21.093	228	18810	0.395	ng/ul	99
22) Chrysene	21.146	228	17677	0.384	ng/ul	99
24) Benzo(b)fluoranthene	22.616	252	18366	0.398	ng/ul	99
25) Benzo(k)fluoranthene	22.616	252	18366	0.405	ng/ul	99
26) Benzo(a)pyrene	23.156	252	16797	0.442	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.376	276	19851	0.343	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.390	278	15766	0.344	ng/ul#	83
29) Benzo(g,h,i)perylene	26.014	276	17486	0.379	ng/ul	98

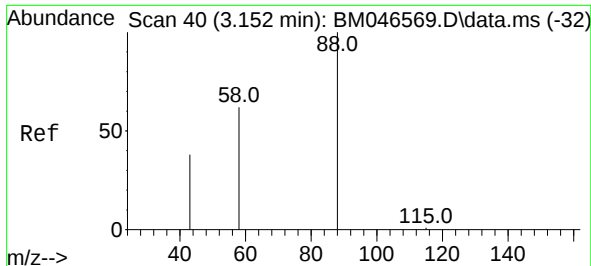
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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BNA_M
ClientSampleId :
SSTD0.4166

Quant Time: Jul 15 09:03:23 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

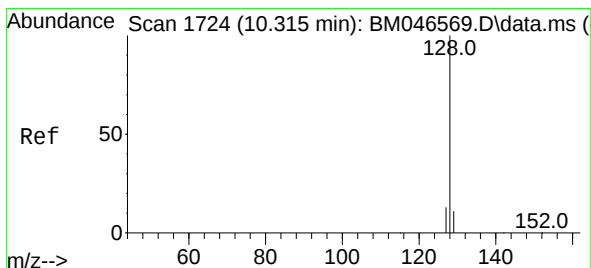
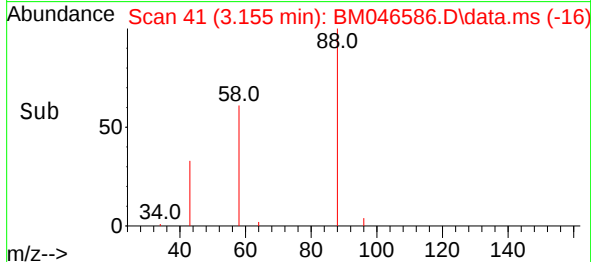
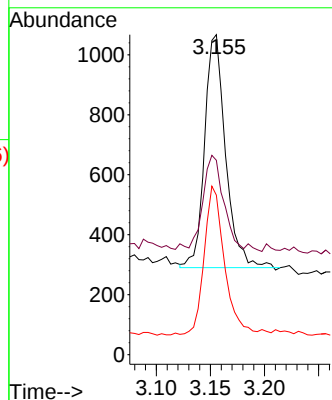
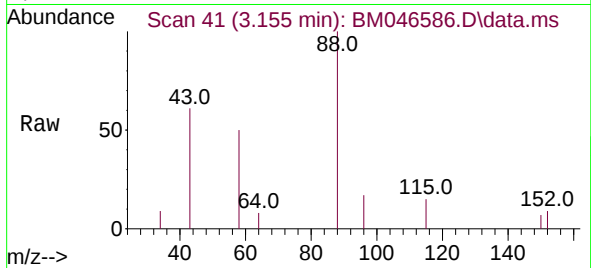




#2
1,4-Dioxane
Concen: 0.301 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. 0.004 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

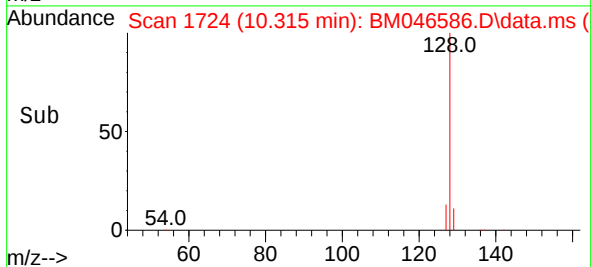
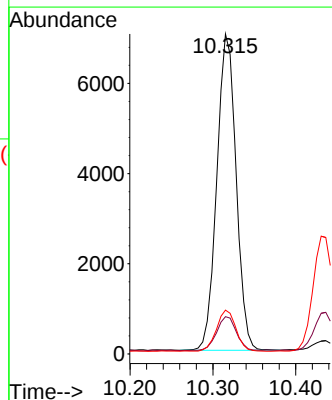
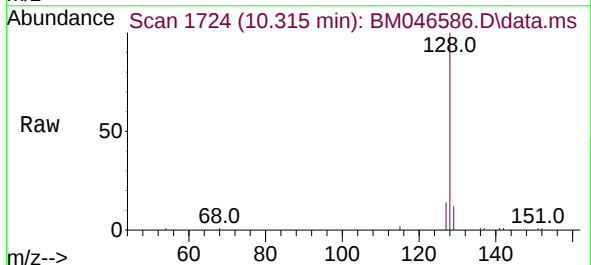
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

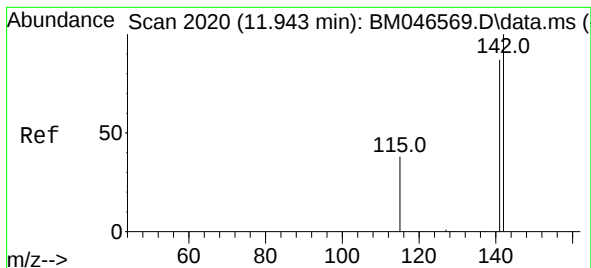
Tgt Ion: 88 Resp: 1049
Ion Ratio Lower Upper
88 100
43 60.7 70.2 105.4#
58 49.9 48.2 72.4



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion: 128 Resp: 11358
Ion Ratio Lower Upper
128 100
129 11.7 10.3 15.5
127 13.7 12.2 18.4

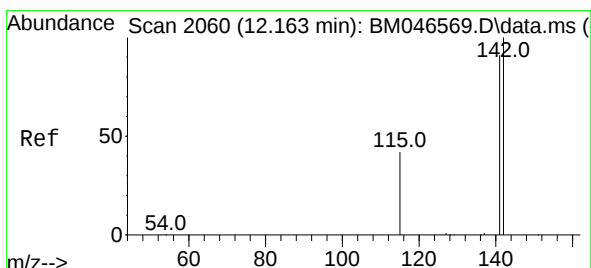
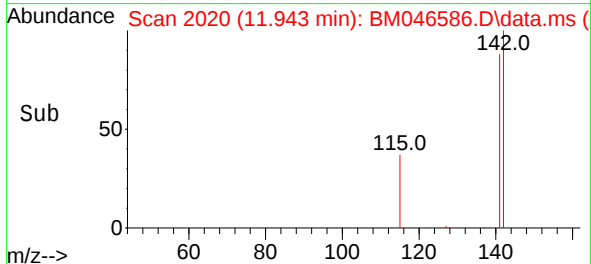
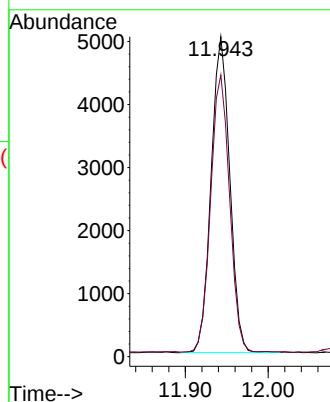
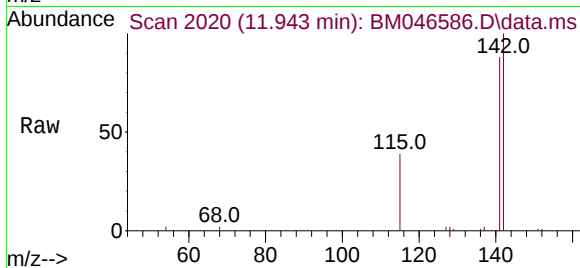




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

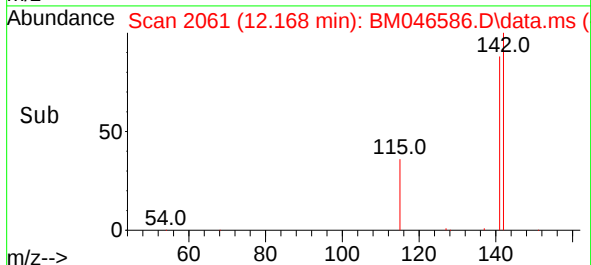
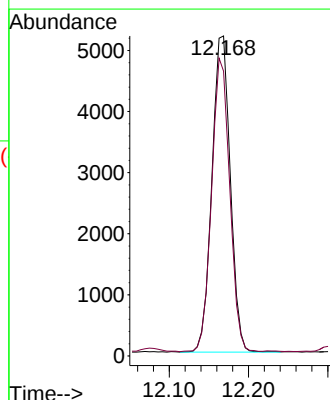
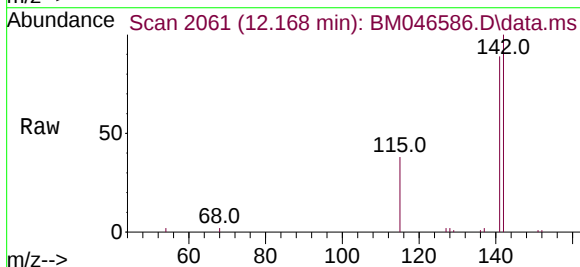
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

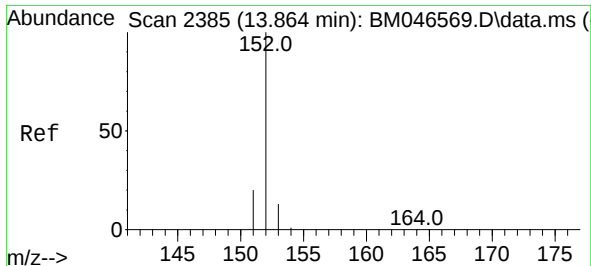
Tgt Ion:142 Resp: 7866
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. 0.005 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:142 Resp: 8338
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9

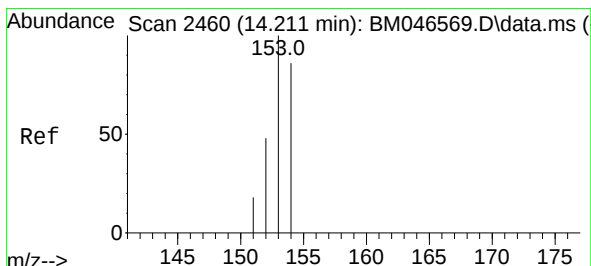
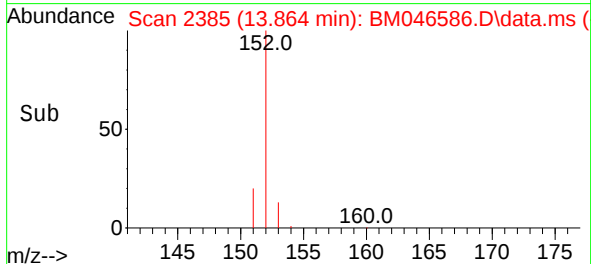
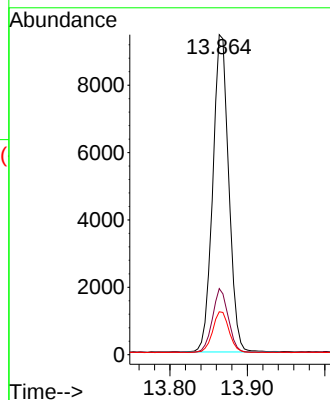
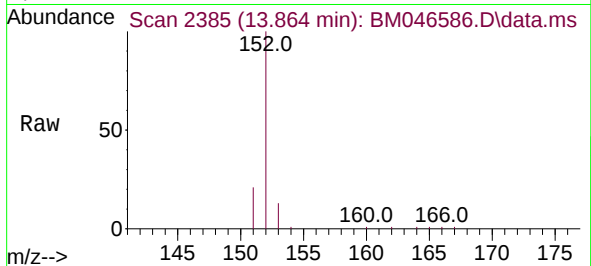




#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 13.864 min Scan# 241
Delta R.T. -0.000 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

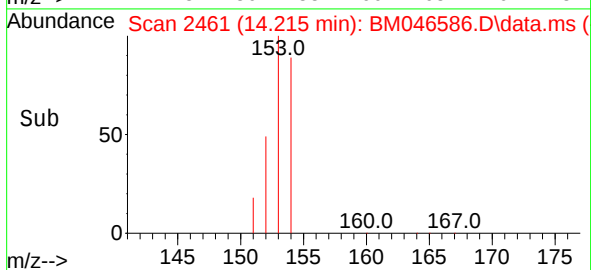
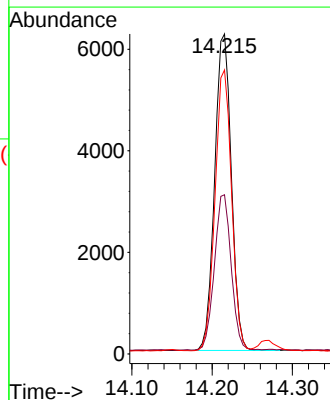
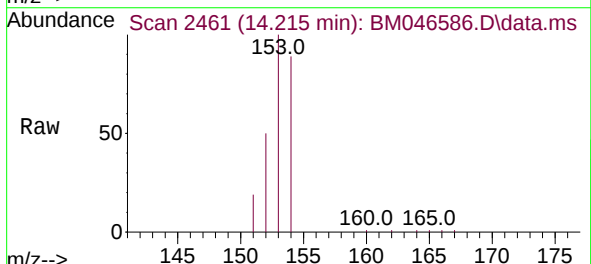
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

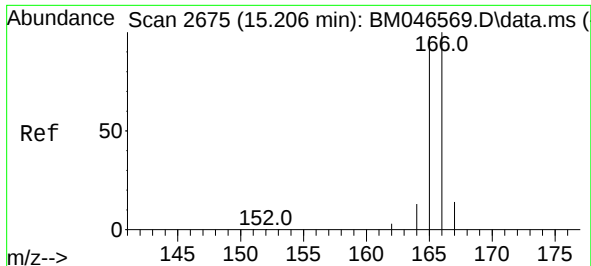
Tgt Ion:	152	Resp:	13516
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	13.4	12.4	18.6



#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. 0.004 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:	153	Resp:	8995
Ion Ratio	Lower	Upper	
153	100		
152	49.7	43.0	64.6
154	88.7	69.9	104.9

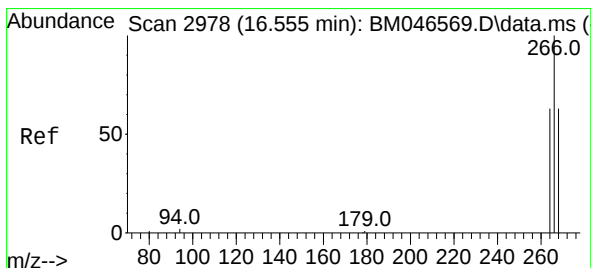
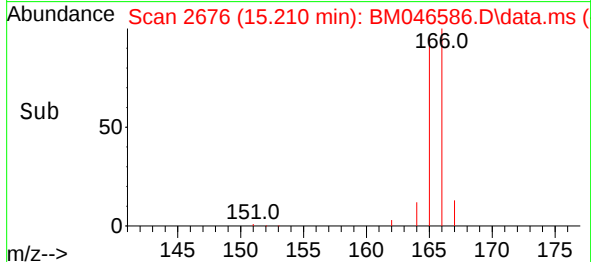
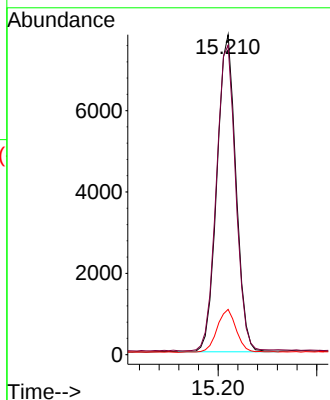
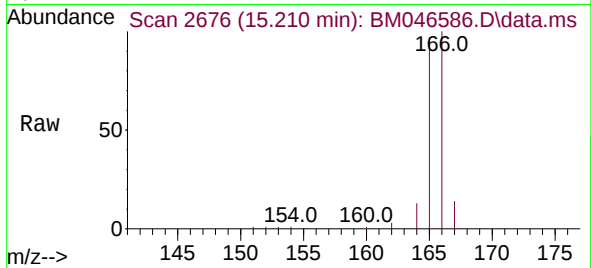




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.210 min Scan# 20
Delta R.T. 0.004 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

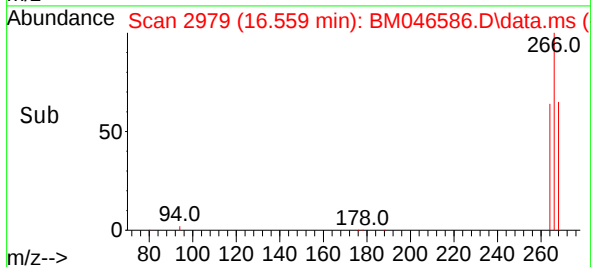
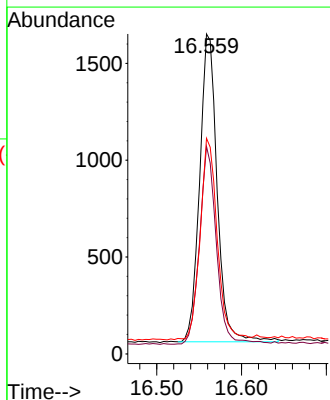
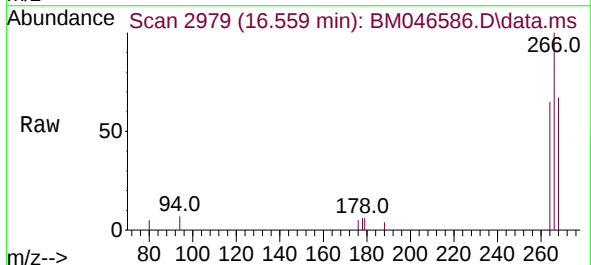
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

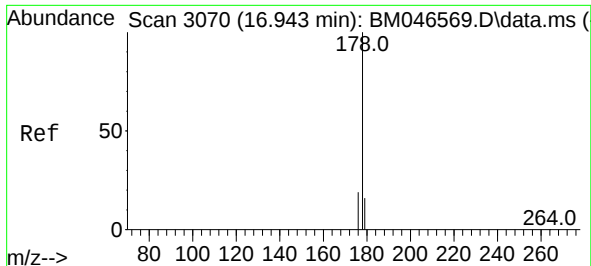
Tgt Ion:166 Resp: 10442
Ion Ratio Lower Upper
166 100
165 96.7 76.1 114.1
167 14.2 12.5 18.7



#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 16.559 min Scan# 2979
Delta R.T. 0.004 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:266 Resp: 2283
Ion Ratio Lower Upper
266 100
264 61.8 50.1 75.1
268 64.1 52.5 78.7

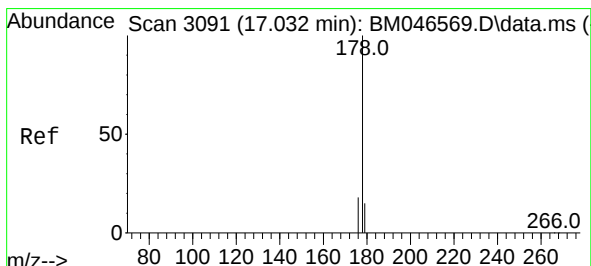
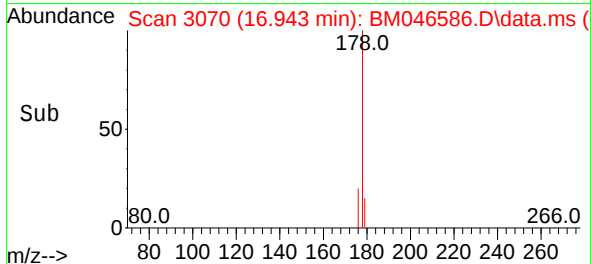
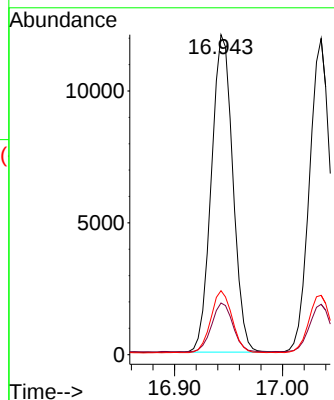
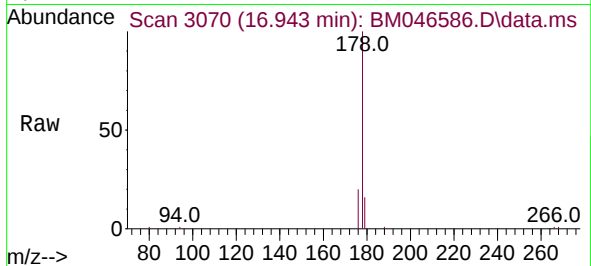




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

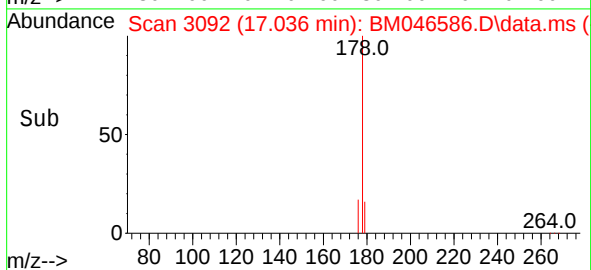
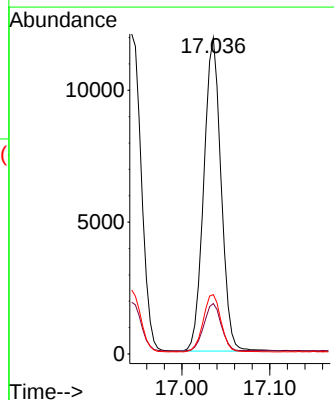
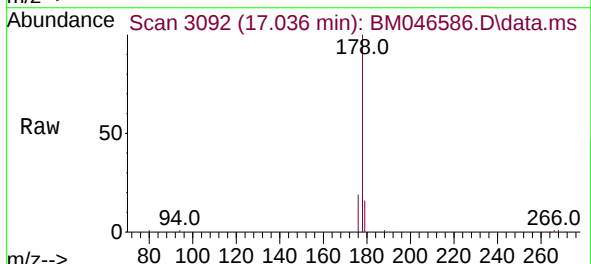
Instrument :
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ClientSampleId :
SSTD0.4166

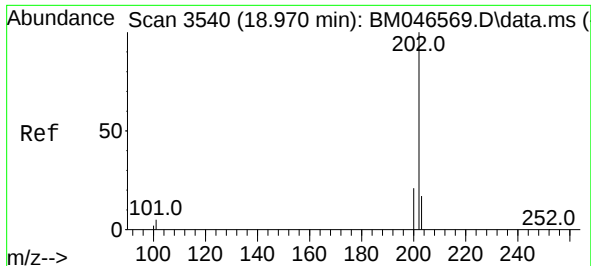
Tgt Ion:178 Resp: 16660
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:178 Resp: 16263
Ion Ratio Lower Upper
178 100
179 15.9 13.5 20.3
176 18.8 15.7 23.5





#19

Fluoranthene

Concen: 0.444 ng/ul

RT: 18.974 min Scan# 3540

Delta R.T. 0.004 min

Lab File: BM046586.D

Acq: 13 Jul 2024 17:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4166

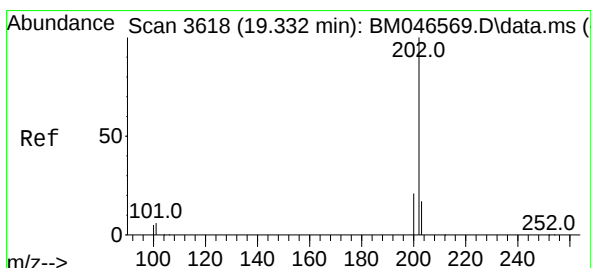
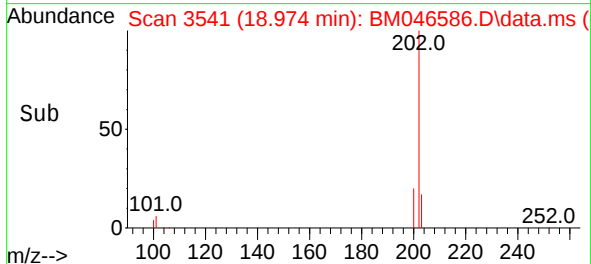
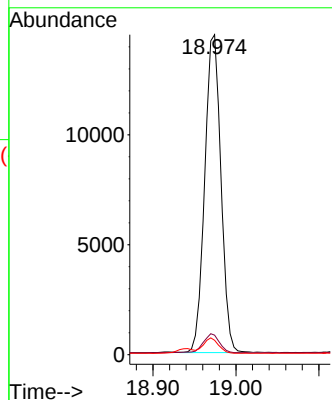
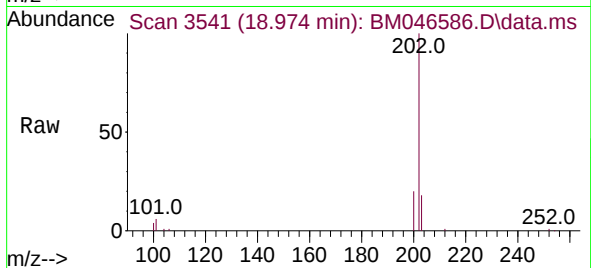
Tgt Ion:202 Resp: 19636

Ion Ratio Lower Upper

202 100

101 6.1 4.6 6.8

100 4.5 3.0 4.6



#20

Pyrene

Concen: 0.421 ng/ul

RT: 19.337 min Scan# 3619

Delta R.T. 0.004 min

Lab File: BM046586.D

Acq: 13 Jul 2024 17:31

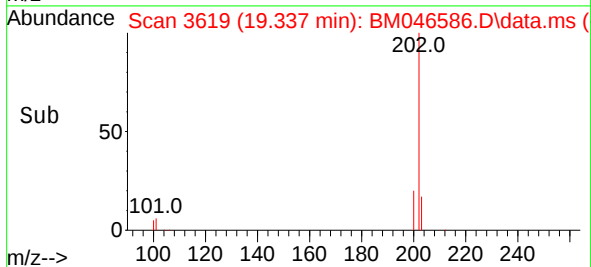
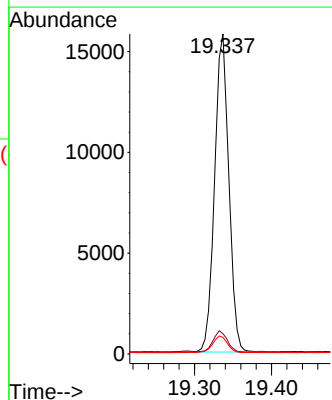
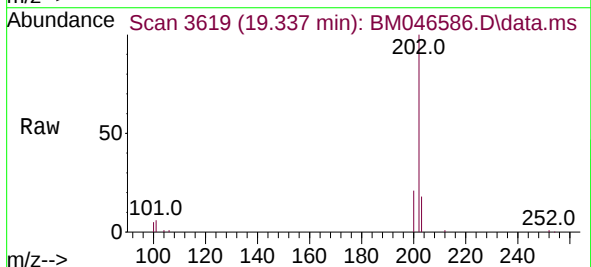
Tgt Ion:202 Resp: 20169

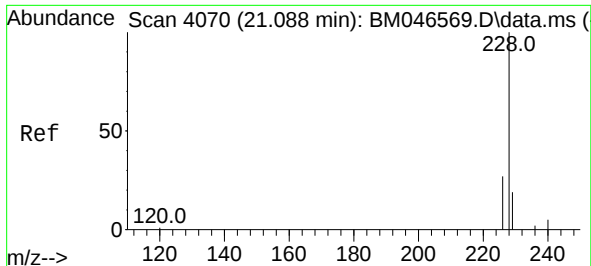
Ion Ratio Lower Upper

202 100

101 6.4 5.1 7.7

100 5.2 3.8 5.6

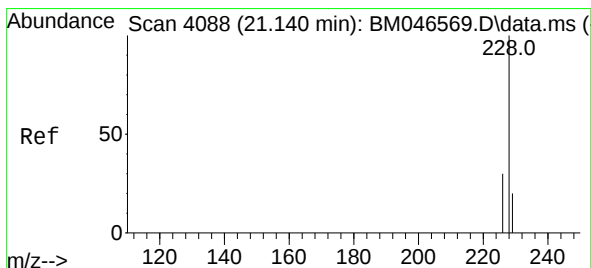
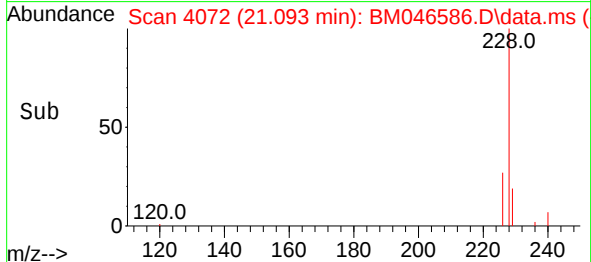
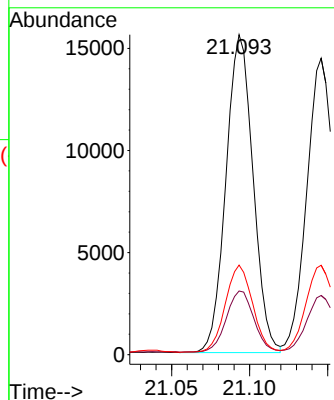
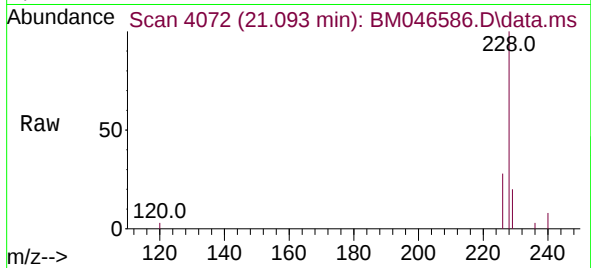




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

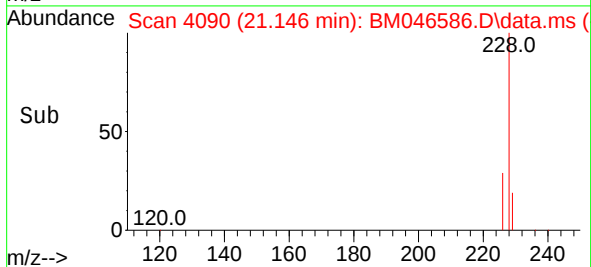
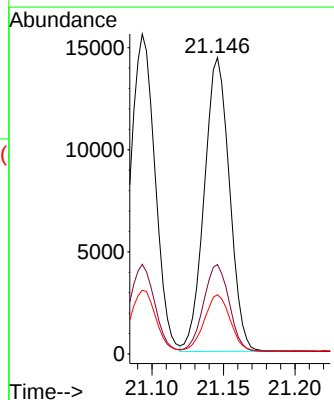
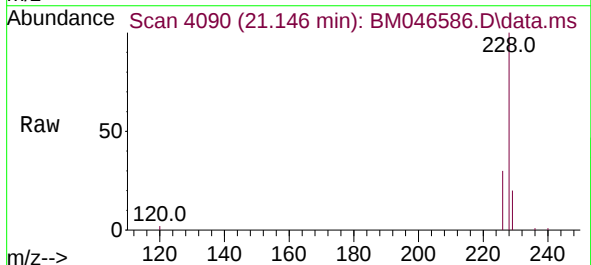
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

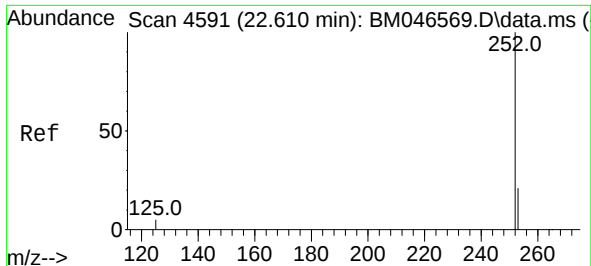
Tgt Ion:228 Resp: 18810
Ion Ratio Lower Upper
228 100
229 19.9 16.5 24.7
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:228 Resp: 17677
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 20.0 16.4 24.6

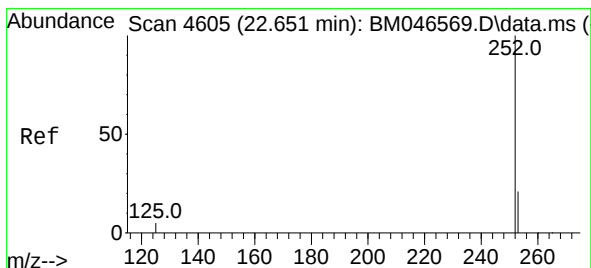
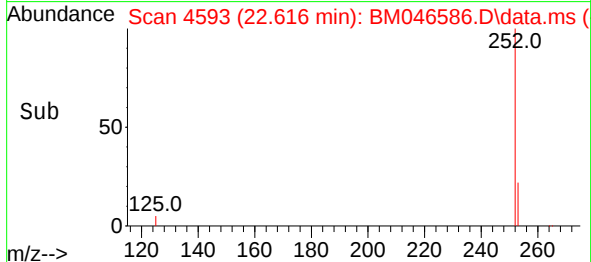
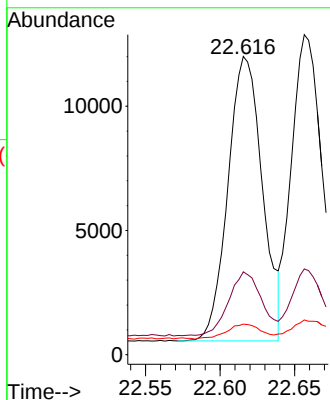
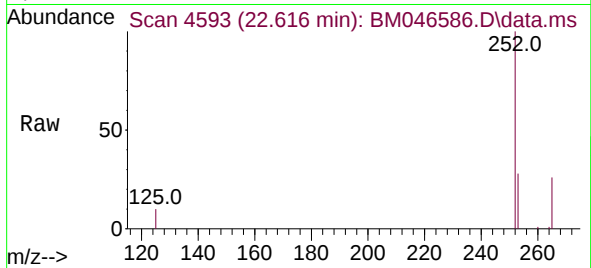




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. 0.006 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

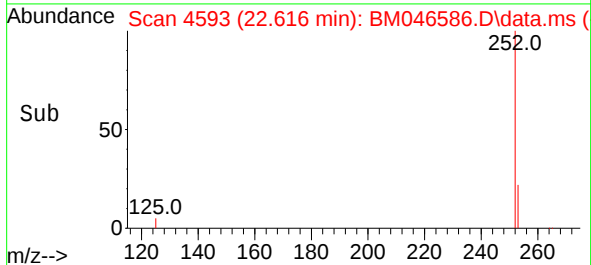
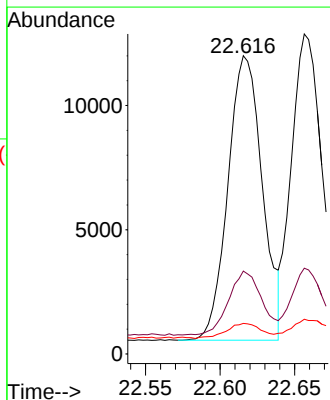
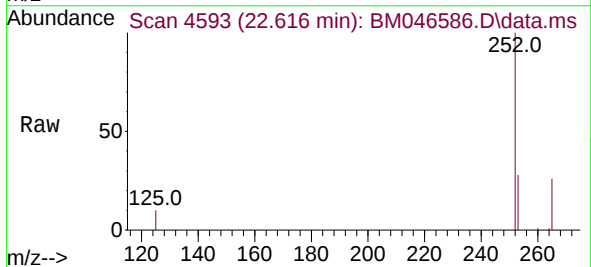
Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

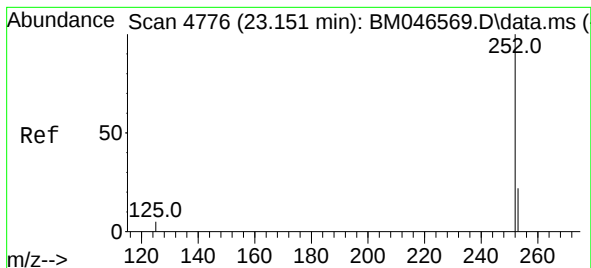
Tgt Ion:252 Resp: 18366
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.2
125 10.3 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. -0.035 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:252 Resp: 18366
Ion Ratio Lower Upper
252 100
253 27.8 22.4 33.6
125 10.3 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.442 ng/ul

RT: 23.156 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM046586.D

Acq: 13 Jul 2024 17:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4166

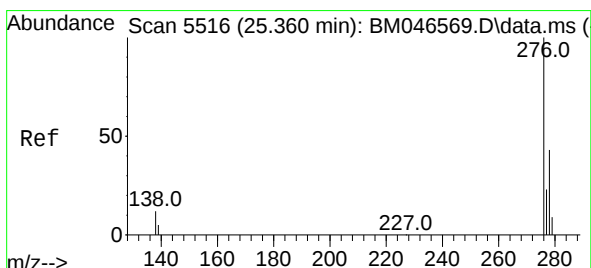
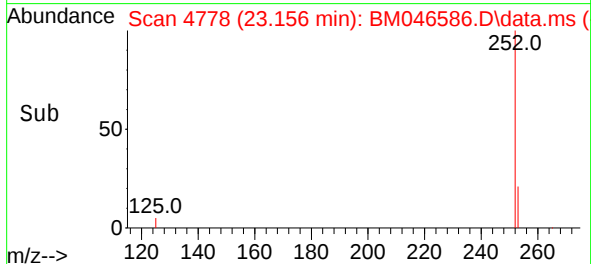
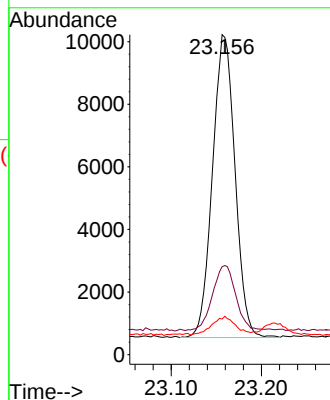
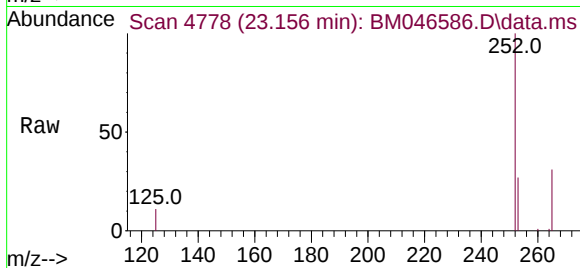
Tgt Ion:252 Resp: 16797

Ion Ratio Lower Upper

252 100

253 27.5 24.0 36.0

125 11.1 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul

RT: 25.376 min Scan# 5521

Delta R.T. 0.016 min

Lab File: BM046586.D

Acq: 13 Jul 2024 17:31

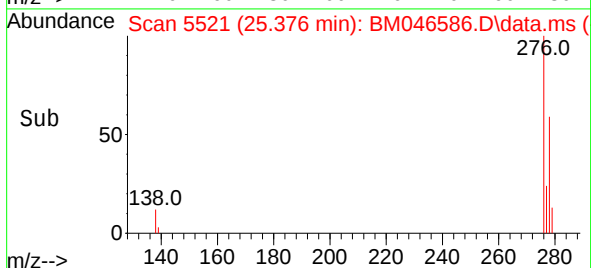
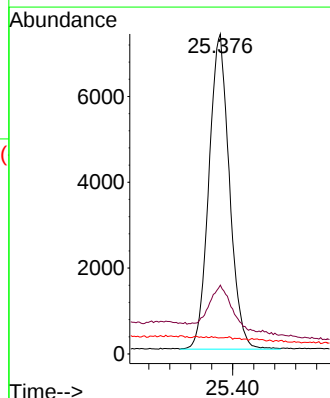
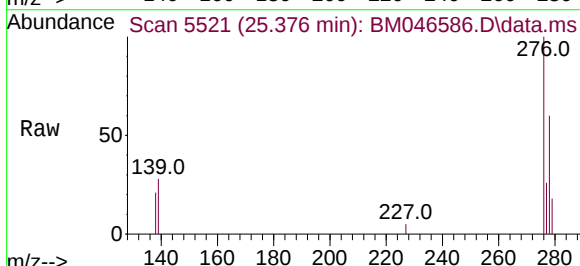
Tgt Ion:276 Resp: 19851

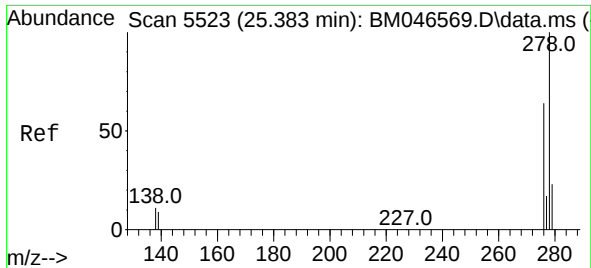
Ion Ratio Lower Upper

276 100

138 23.2 0.0 0.0#

227 0.0 0.2 0.2#

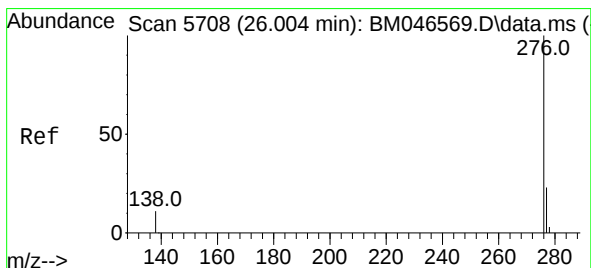
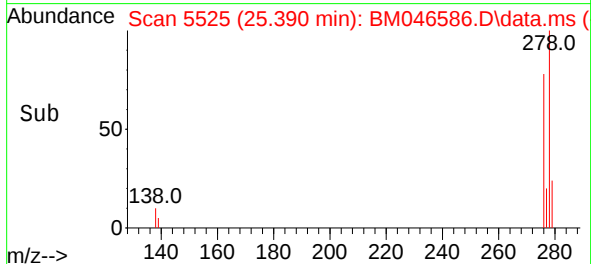
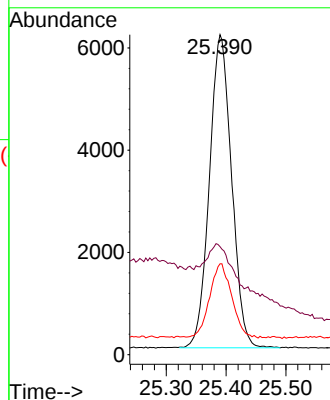
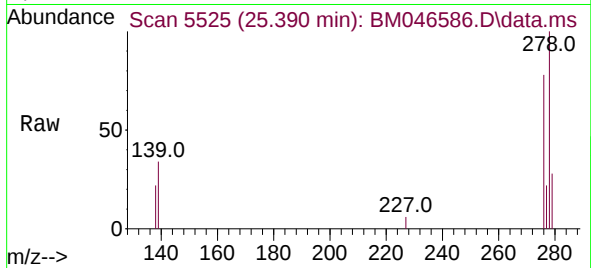




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.390 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.4166

Tgt Ion:278 Resp: 15766
Ion Ratio Lower Upper
278 100
139 33.7 9.1 13.7#
279 28.4 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.014 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046586.D
Acq: 13 Jul 2024 17:31

Tgt Ion:276 Resp: 17486
Ion Ratio Lower Upper
276 100
138 15.3 10.2 15.4
277 26.2 20.9 31.3

