

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043595.D
 Acq On : 27 Dec 2023 04:58
 Operator : MA/JU
 Sample : PB158081BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS081

Quant Time: Dec 27 05:29:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 22:58:31 2023
 Response via : Initial Calibration

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

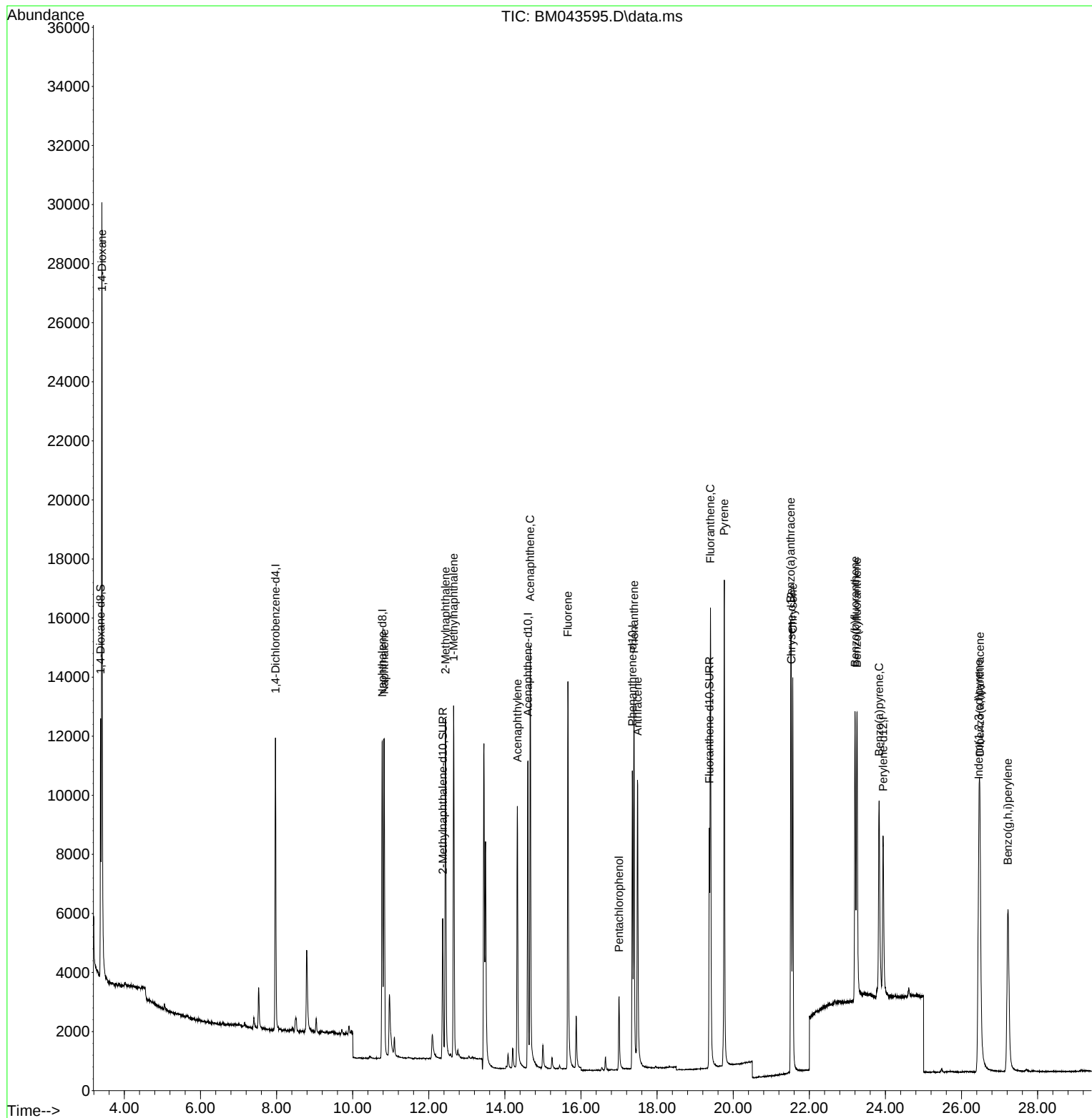
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	5340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	15570	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	6448	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	12380	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	7596	0.400	ng/ul	# 0.00
23) Perylene-d12	23.939	264	8562	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5252	0.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7236	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	9329	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	15917	2.352	ng/ul#	81
5) Naphthalene	10.829	128	16215	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	9393	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	9072	0.299	ng/ul	100
10) Acenaphthylene	14.328	152	12696	0.358	ng/ul	98
11) Acenaphthene	14.666	153	9252	0.358	ng/ul	98
12) Fluorene	15.656	166	9865	0.337	ng/ul	99
14) Pentachlorophenol	16.999	266	2113	0.770	ng/ul	99
15) Phenanthrene	17.392	178	14720	0.357	ng/ul	98
16) Anthracene	17.485	178	13815	0.368	ng/ul	98
19) Fluoranthene	19.403	202	14464	0.338	ng/ul#	92
20) Pyrene	19.766	202	14899	0.350	ng/ul#	94
21) Benzo(a)anthracene	21.512	228	11873	0.356	ng/ul	99
22) Chrysene	21.565	228	13295	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.202	252	13189	0.339	ng/ul	91
25) Benzo(k)fluoranthene	23.254	252	14812	0.367	ng/ul#	88
26) Benzo(a)pyrene	23.833	252	12285	0.383	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.455	276	16312	0.447	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.485	278	13182	0.456	ng/ul#	93
29) Benzo(g,h,i)perylene	27.219	276	13913	0.446	ng/ul	95

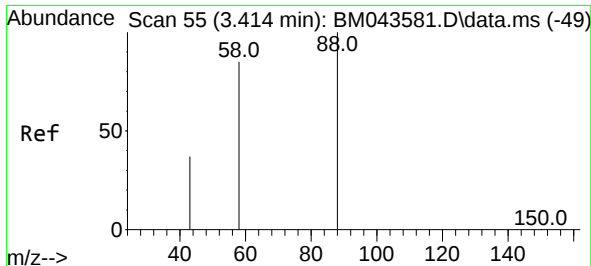
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

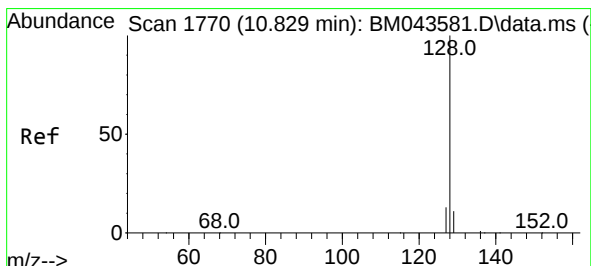
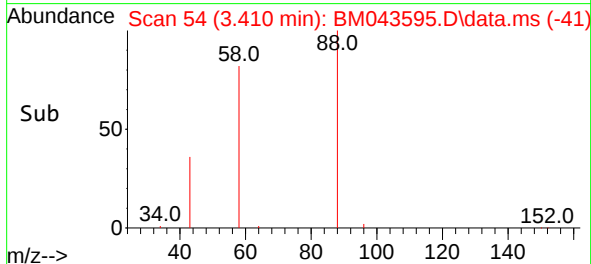
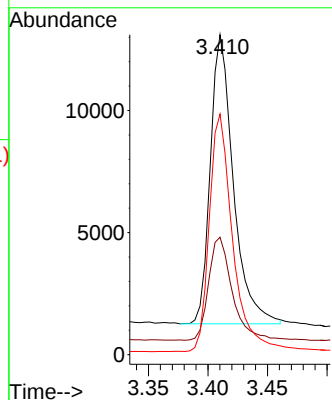
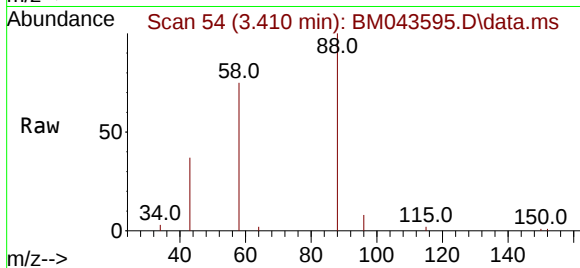




#2
1,4-Dioxane
Concen: 2.352 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

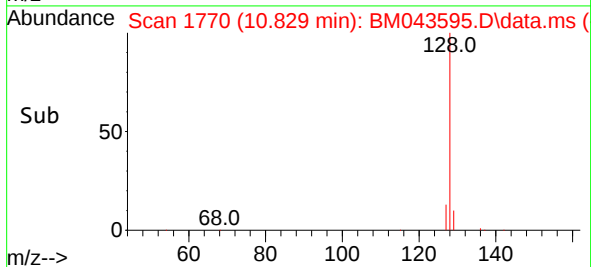
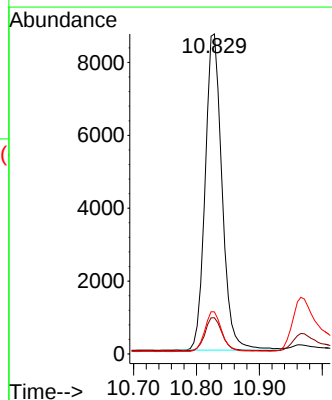
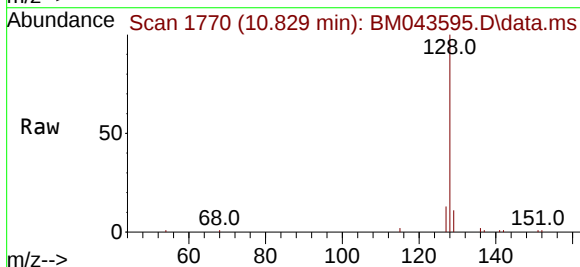
Instrument :
BNA_M
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SLCS081

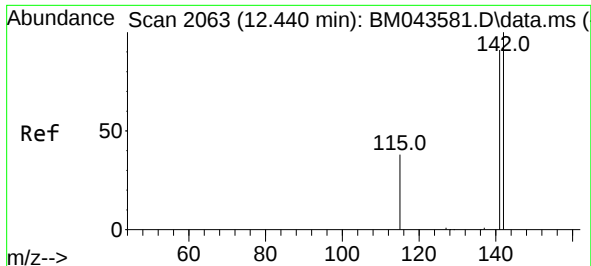
Tgt Ion: 88 Resp: 15917
Ion Ratio Lower Upper
88 100
43 36.7 27.9 41.9
58 75.2 43.4 65.2#



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion: 128 Resp: 16215
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.3 15.5

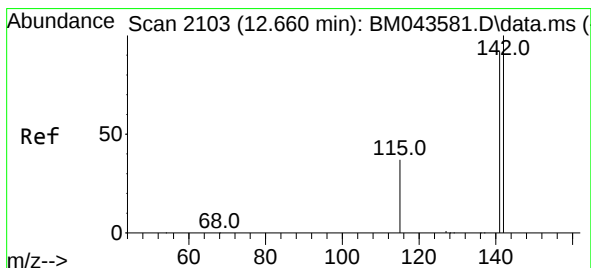
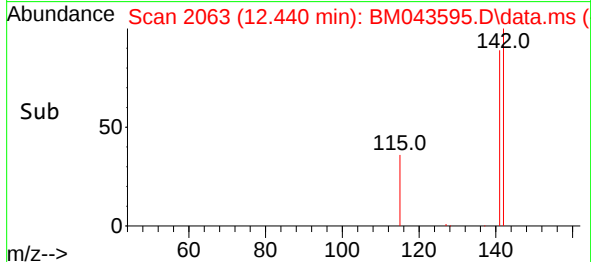
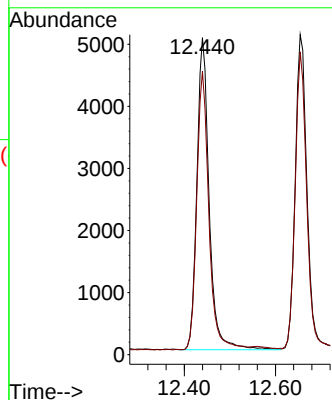
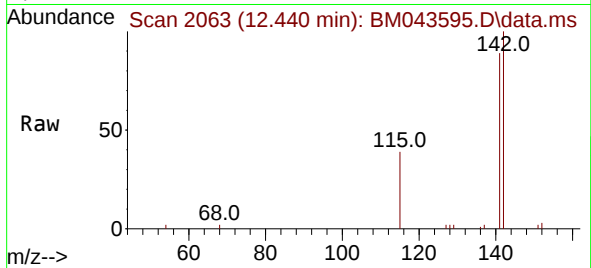




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

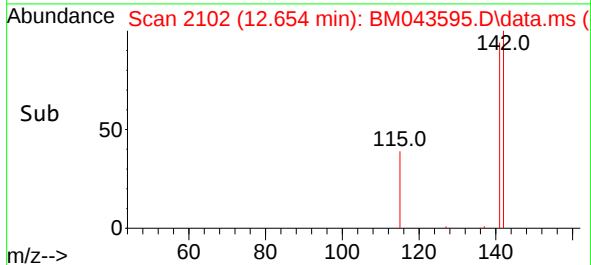
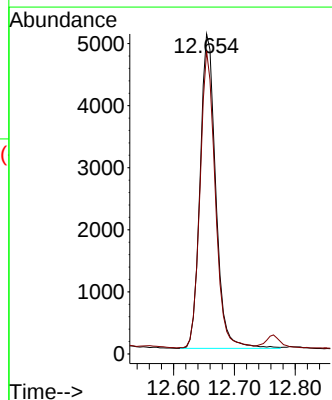
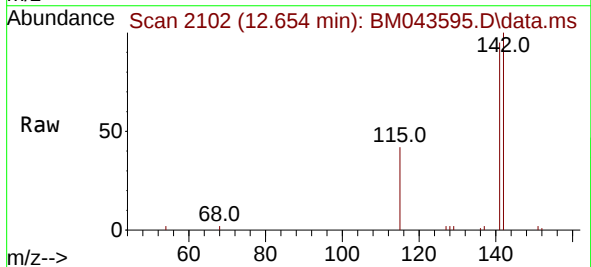
Instrument :
BNA_M
ClientSampleId :
SLCS081

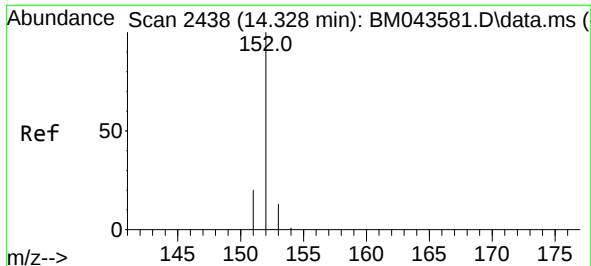
Tgt Ion:142 Resp: 9393
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:142 Resp: 9072
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

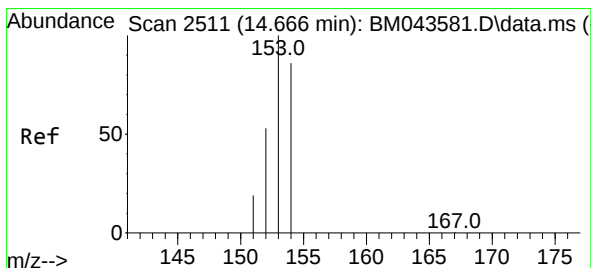
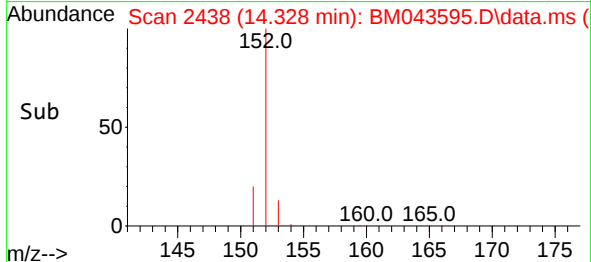
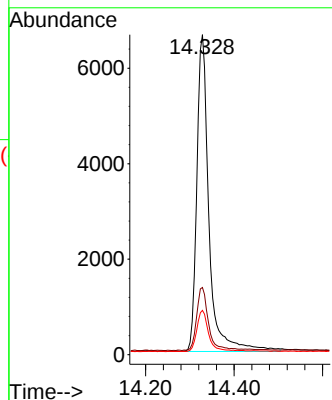
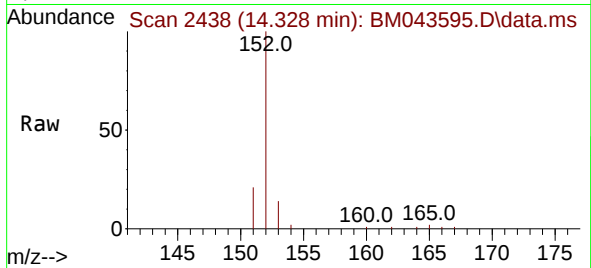




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

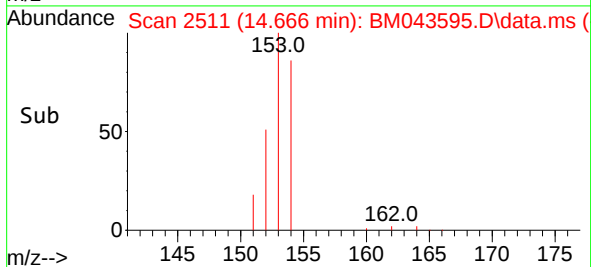
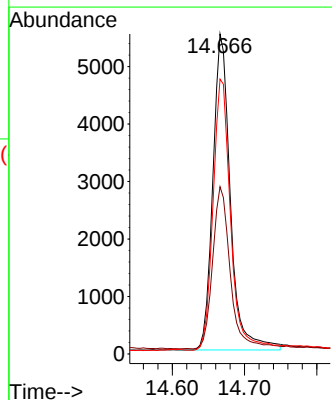
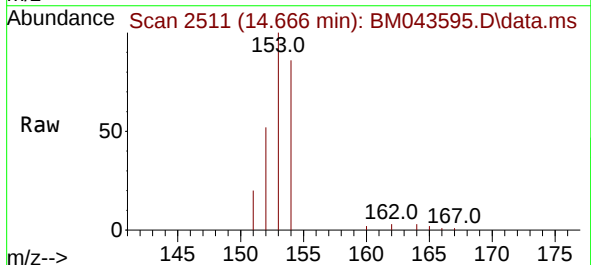
Instrument :
BNA_M
ClientSampleId :
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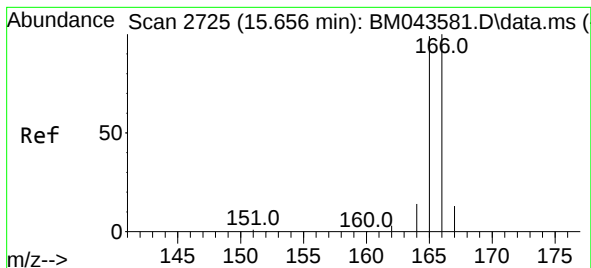
Tgt Ion:152 Resp: 12696
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 13.9 10.4 15.6



#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:153 Resp: 9252
Ion Ratio Lower Upper
153 100
152 52.2 42.1 63.1
154 85.9 71.3 106.9





#12

Fluorene

Concen: 0.337 ng/ul

RT: 15.656 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043595.D

Acq: 27 Dec 2023 04:58

Instrument :

BNA_M

ClientSampleId :

SLCS081

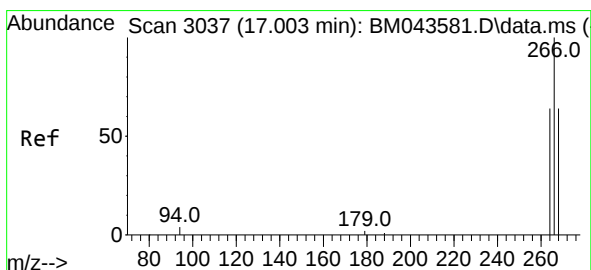
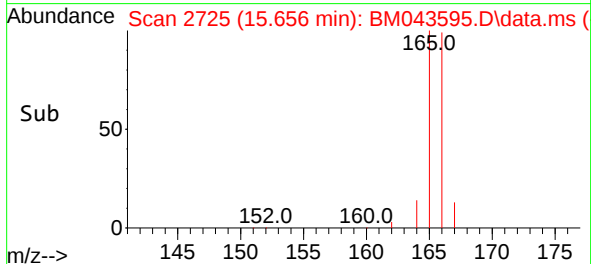
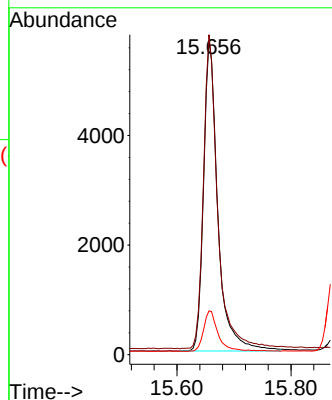
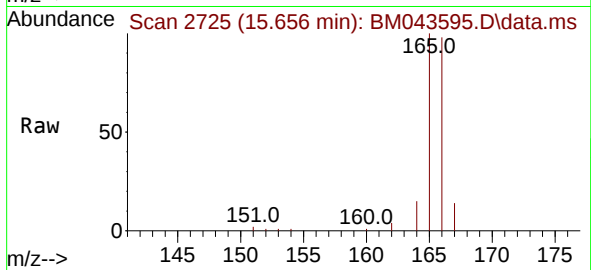
Tgt Ion:166 Resp: 9865

Ion Ratio Lower Upper

166 100

165 101.9 80.3 120.5

167 14.0 10.8 16.2



#14

Pentachlorophenol

Concen: 0.770 ng/ul

RT: 16.999 min Scan# 3036

Delta R.T. -0.004 min

Lab File: BM043595.D

Acq: 27 Dec 2023 04:58

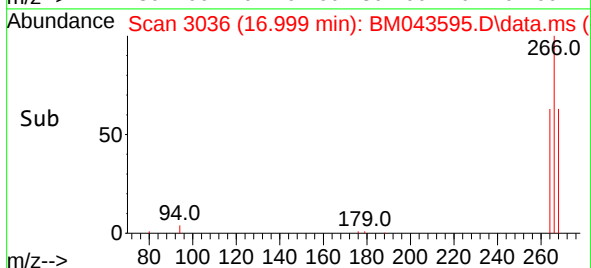
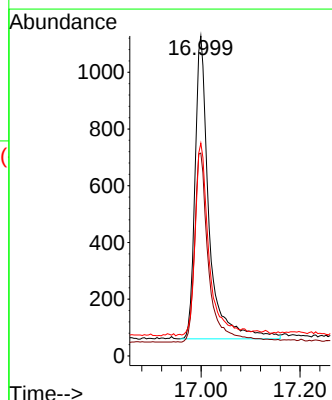
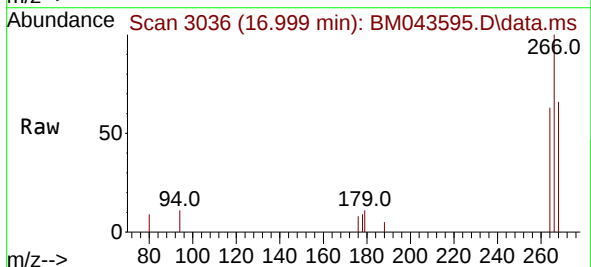
Tgt Ion:266 Resp: 2113

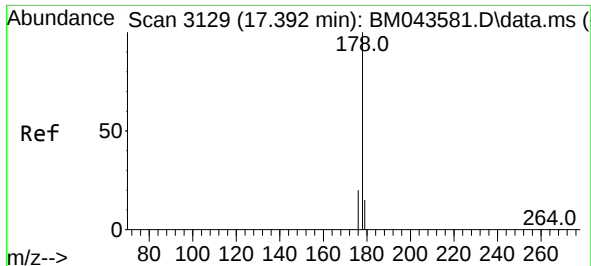
Ion Ratio Lower Upper

266 100

264 63.3 51.7 77.5

268 64.7 51.9 77.9

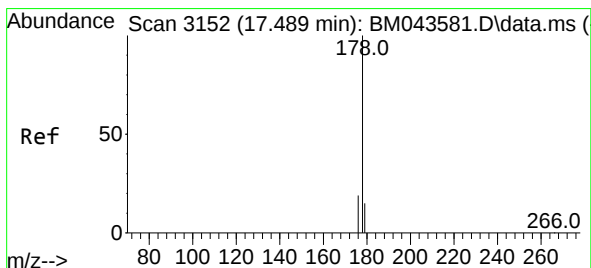
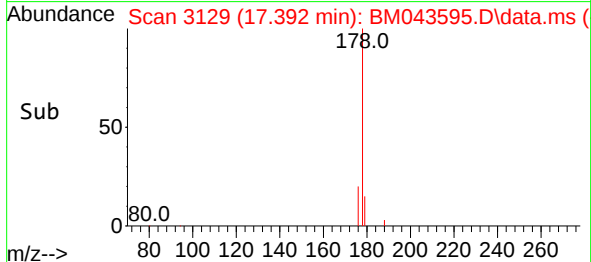
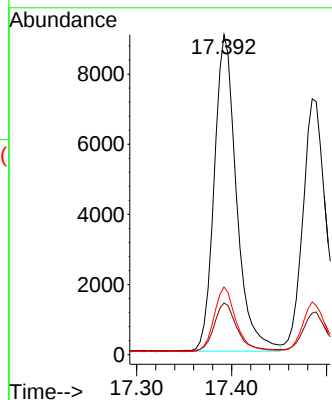
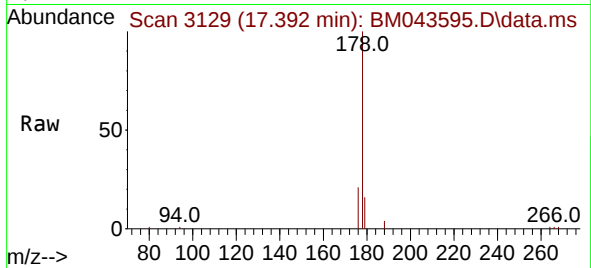




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

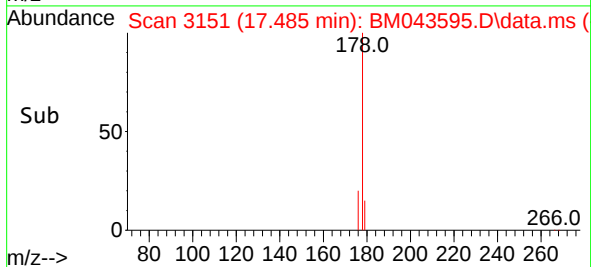
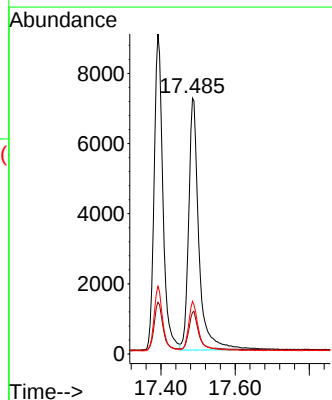
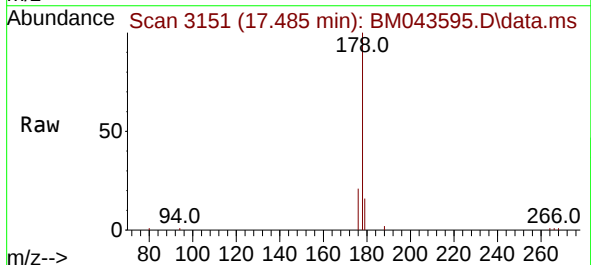
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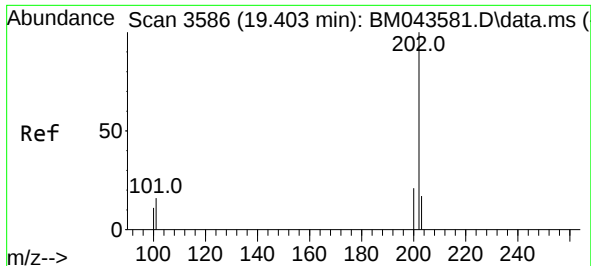
Tgt Ion:178 Resp: 14720
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 21.2 16.2 24.2



#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:178 Resp: 13815
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 20.6 15.6 23.4

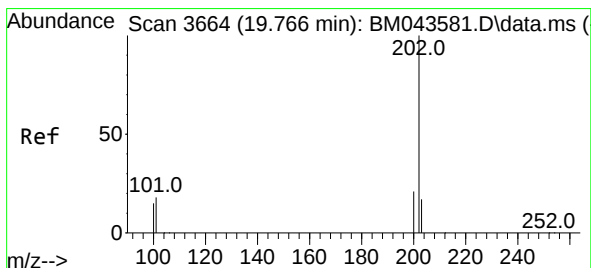
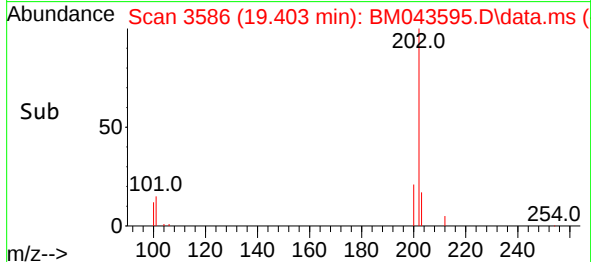
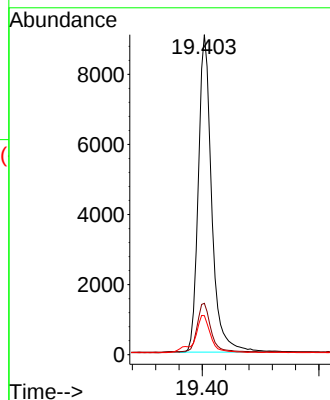
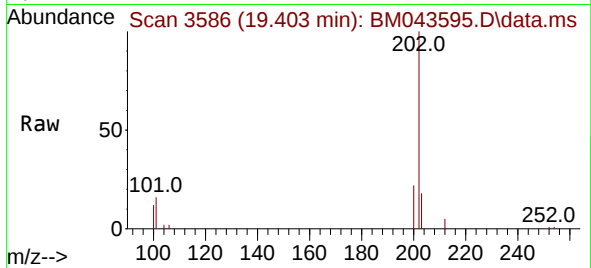




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

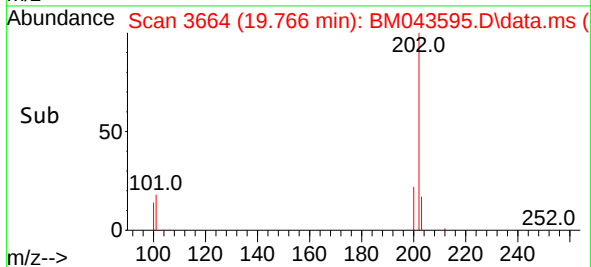
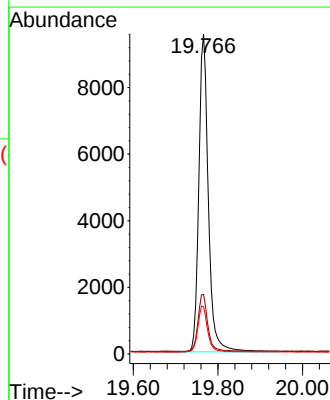
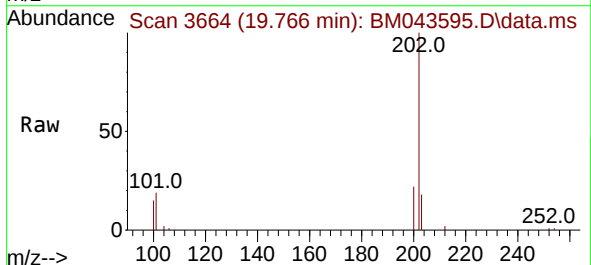
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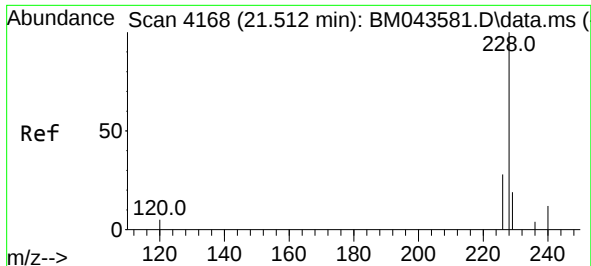
Tgt Ion:202 Resp: 14464
Ion Ratio Lower Upper
202 100
101 16.1 10.1 15.1#
100 12.2 7.4 11.2#



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:202 Resp: 14899
Ion Ratio Lower Upper
202 100
101 18.6 12.7 19.1
100 14.8 9.8 14.8#

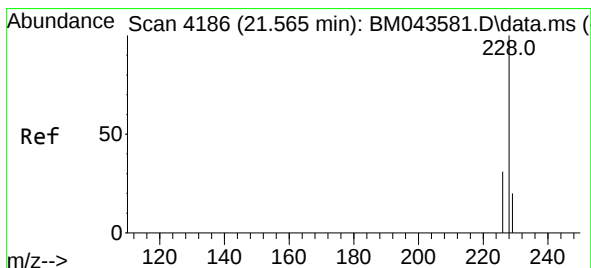
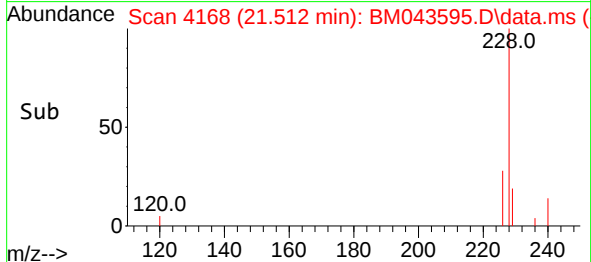
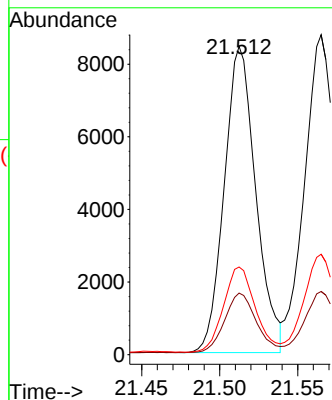
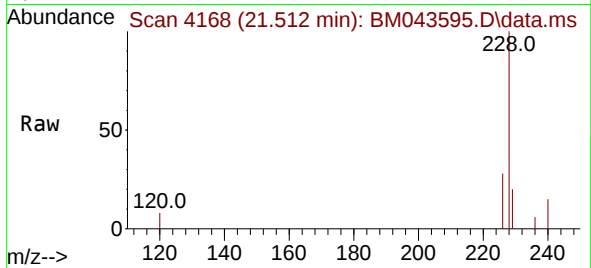




#21
Benzo(a)anthracene
Concen: 0.356 ng/u1
RT: 21.512 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

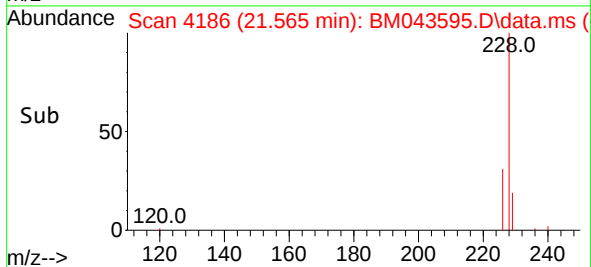
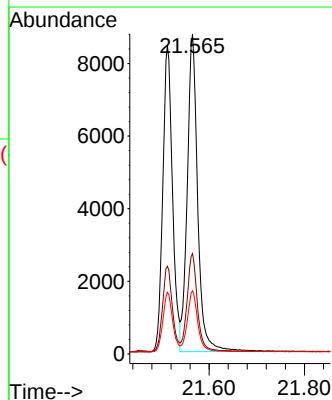
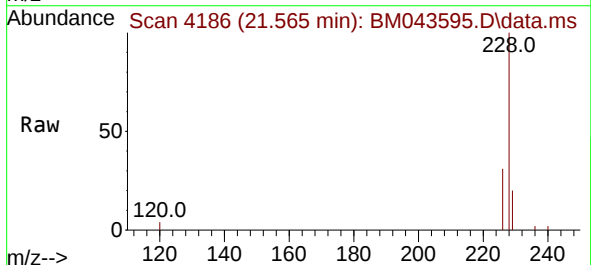
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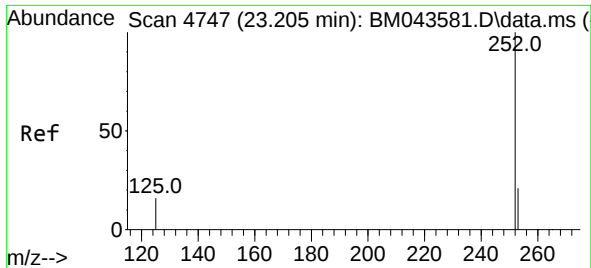
Tgt Ion:228 Resp: 11873
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 28.5 22.6 34.0



#22
Chrysene
Concen: 0.378 ng/u1
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:228 Resp: 13295
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 19.8 15.7 23.5

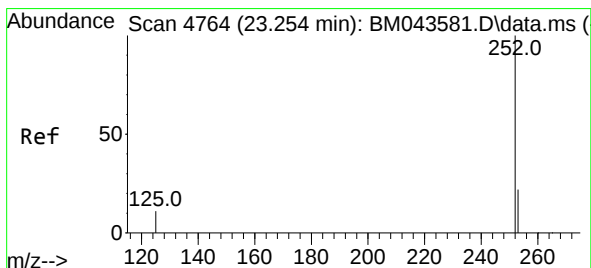
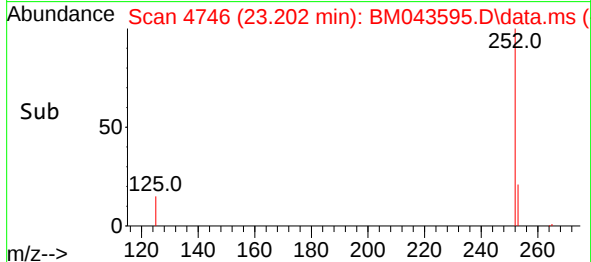
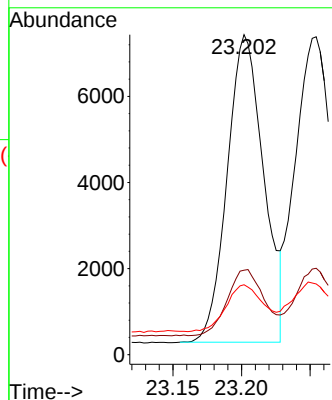
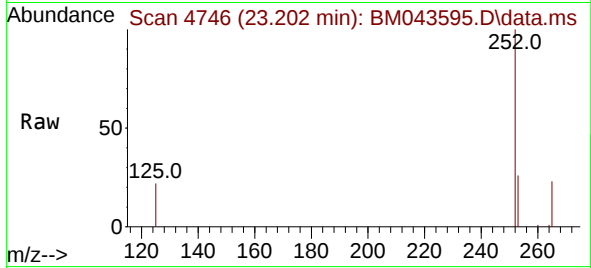




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.202 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

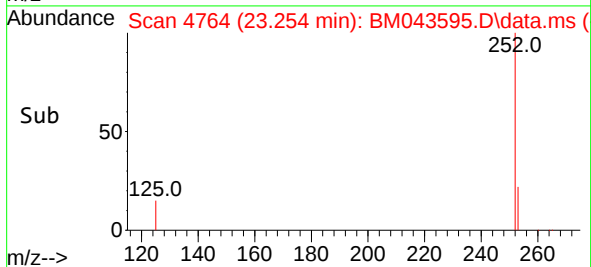
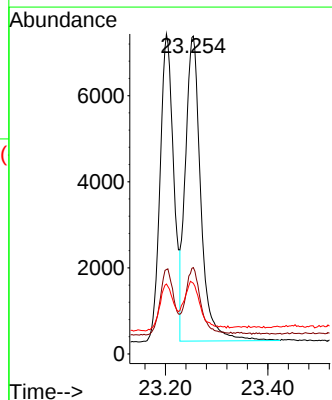
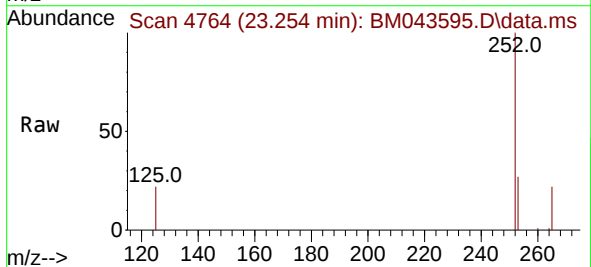
Instrument :
BNA_M
ClientSampleId :
SLCS081

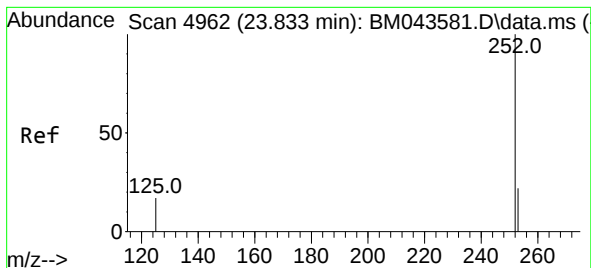
Tgt Ion:252 Resp: 13189
Ion Ratio Lower Upper
252 100
253 26.4 0.0 48.8
125 21.8 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:252 Resp: 14812
Ion Ratio Lower Upper
252 100
253 27.2 18.6 28.0
125 22.2 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.383 ng/ul

RT: 23.833 min Scan# 4962

Delta R.T. 0.000 min

Lab File: BM043595.D

Acq: 27 Dec 2023 04:58

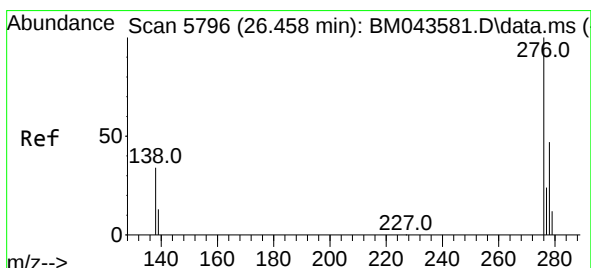
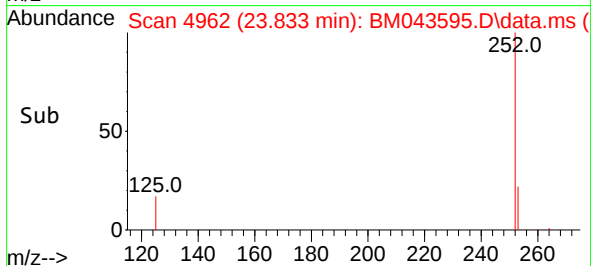
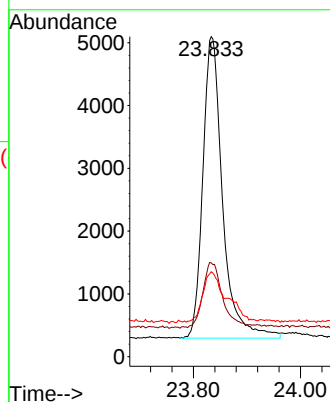
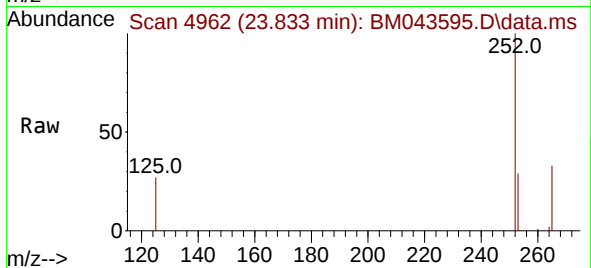
Instrument :

BNA_M

ClientSampleId :

SLCS081

Tgt Ion:	252	Resp:	12285
Ion Ratio	Lower	Upper	
252	100		
253	29.3	20.2	30.2
125	26.6	13.5	20.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.447 ng/ul

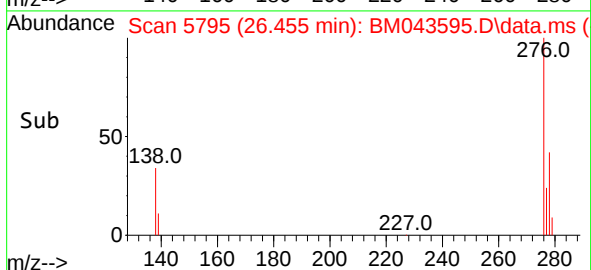
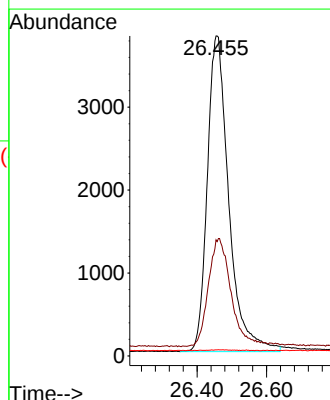
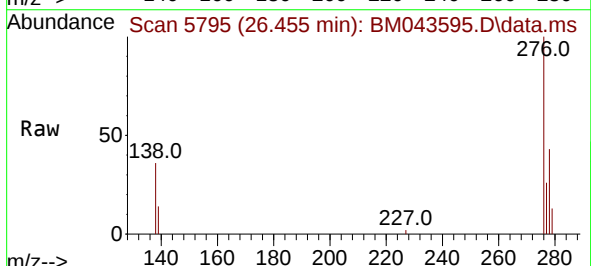
RT: 26.455 min Scan# 5795

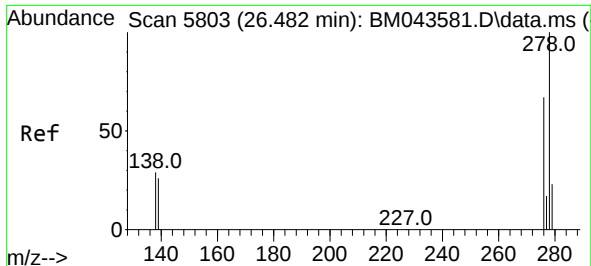
Delta R.T. -0.004 min

Lab File: BM043595.D

Acq: 27 Dec 2023 04:58

Tgt Ion:	276	Resp:	16312
Ion Ratio	Lower	Upper	
276	100		
138	36.1	24.6	36.8
227	0.1	0.0	0.0

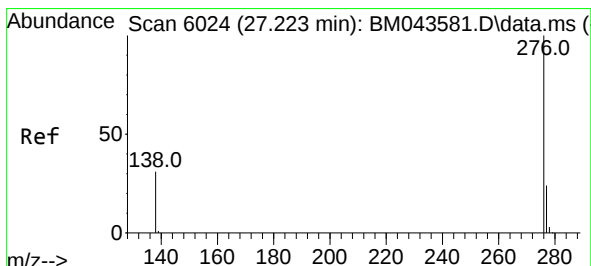
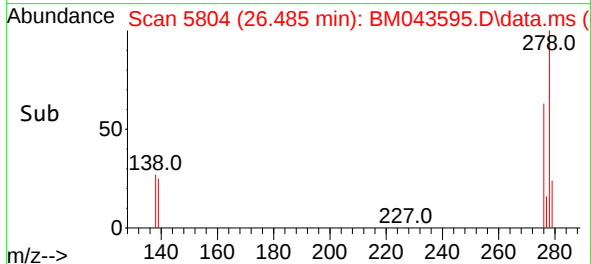
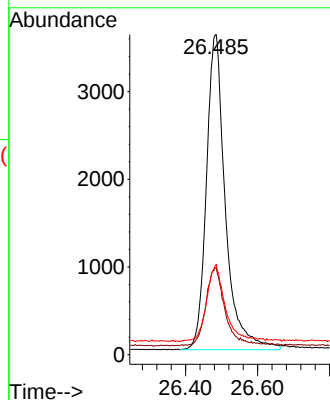
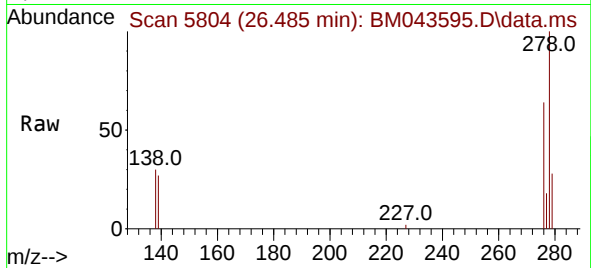




#28
Dibenzo(a,h)anthracene
Concen: 0.456 ng/ul
RT: 26.485 min Scan# 5803
Delta R.T. 0.003 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Instrument :
BNA_M
ClientSampleId :
SLCS081

Tgt Ion:278 Resp: 13182
Ion Ratio Lower Upper
278 100
139 27.2 17.4 26.2#
279 28.1 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.004 min
Lab File: BM043595.D
Acq: 27 Dec 2023 04:58

Tgt Ion:276 Resp: 13913
Ion Ratio Lower Upper
276 100
138 33.8 23.1 34.7
277 24.4 19.4 29.0

