

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043480.D
 Acq On : 21 Dec 2023 00:53
 Operator : MA/JU
 Sample : PB157925BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS925

Quant Time: Dec 21 01:24:03 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 19 23:32:46 2023
 Response via : Initial Calibration

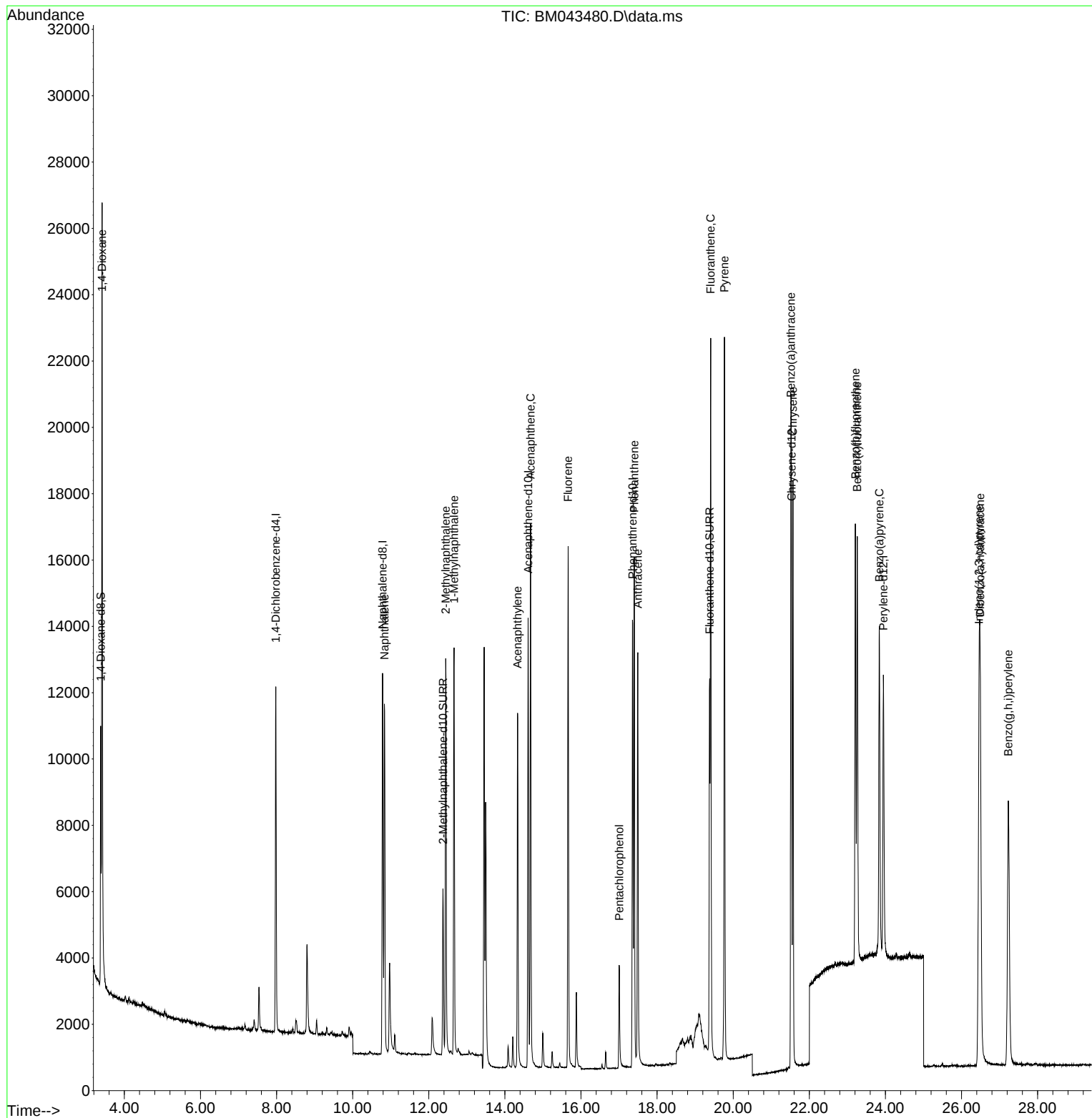
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	16312	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	8009	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	16304	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	10998	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	12516	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4562	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7051	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	11922	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	14582	2.121	ng/ul#	81
5) Naphthalene	10.834	128	15377	0.314	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	9244	0.292	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	8983	0.283	ng/ul	100
10) Acenaphthylene	14.333	152	13568	0.308	ng/ul	99
11) Acenaphthene	14.675	153	9896	0.308	ng/ul	99
12) Fluorene	15.661	166	10821	0.298	ng/ul	100
14) Pentachlorophenol	17.004	266	2535	0.702	ng/ul	98
15) Phenanthrene	17.401	178	17182	0.316	ng/ul	99
16) Anthracene	17.493	178	15542	0.315	ng/ul	99
19) Fluoranthene	19.408	202	18535	0.299	ng/ul#	90
20) Pyrene	19.771	202	18855	0.306	ng/ul	96
21) Benzo(a)anthracene	21.515	228	15835	0.328	ng/ul	99
22) Chrysene	21.571	228	16679	0.327	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	17277	0.304	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	17885	0.304	ng/ul#	90
26) Benzo(a)pyrene	23.839	252	16345	0.349	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.461	276	21406	0.401	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.492	278	17248	0.408	ng/ul	97
29) Benzo(g,h,i)perylene	27.229	276	18333	0.402	ng/ul	95

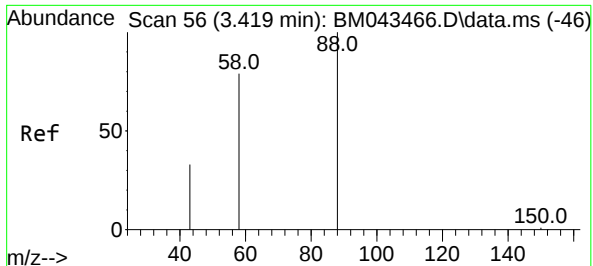
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 01:24:03 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 19 23:32:46 2023
Response via : Initial Calibration

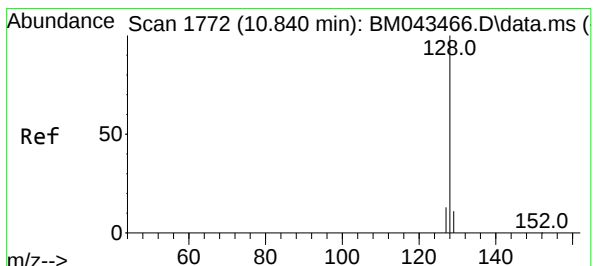
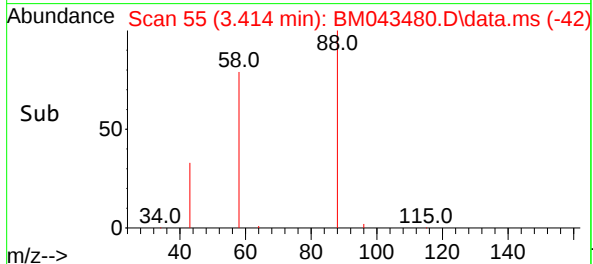
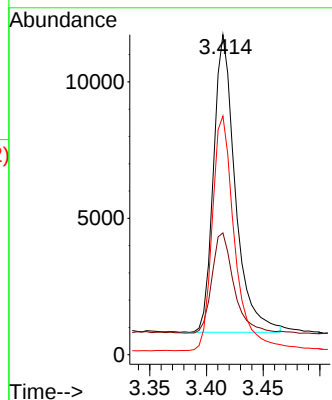
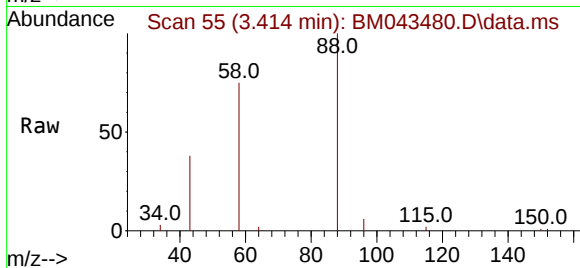




#2
1,4-Dioxane
Concen: 2.121 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

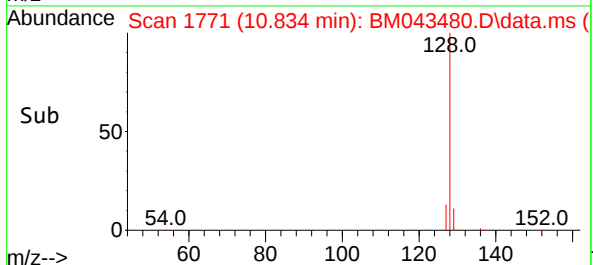
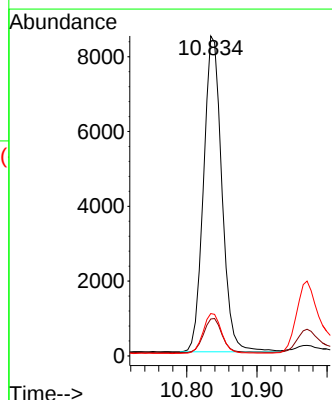
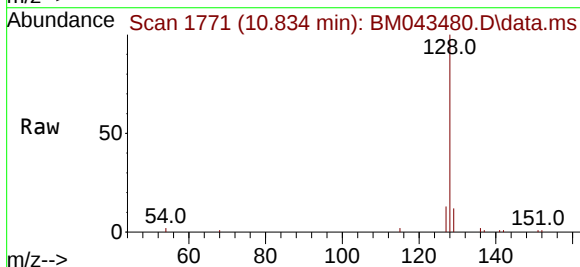
Instrument :
BNA_M
ClientSampleId :
SLCS925

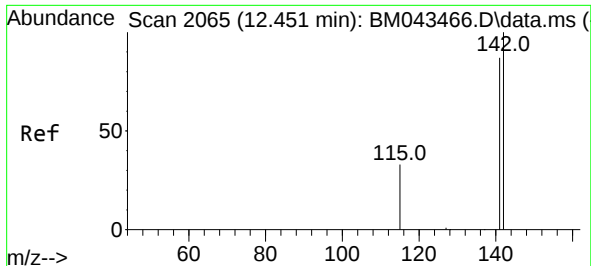
Tgt Ion: 88 Resp: 14582
Ion Ratio Lower Upper
88 100
43 38.1 27.9 41.9
58 74.6 43.4 65.2#



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion: 128 Resp: 15377
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.3 15.5

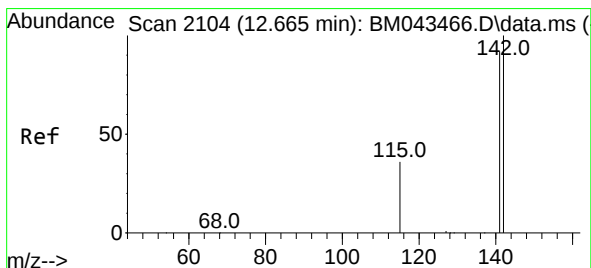
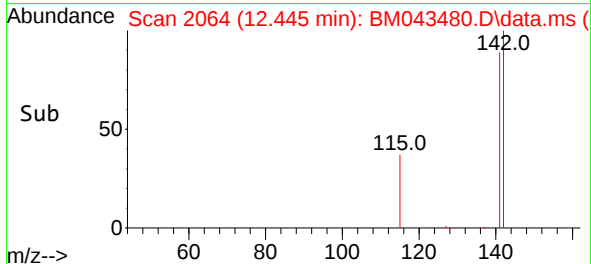
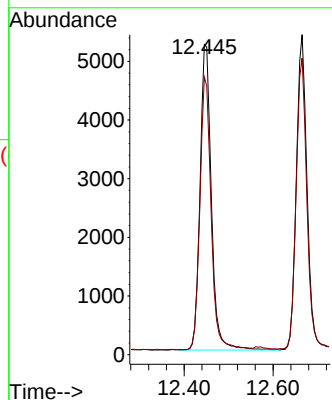
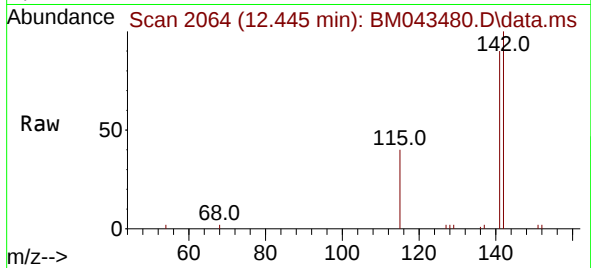




#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

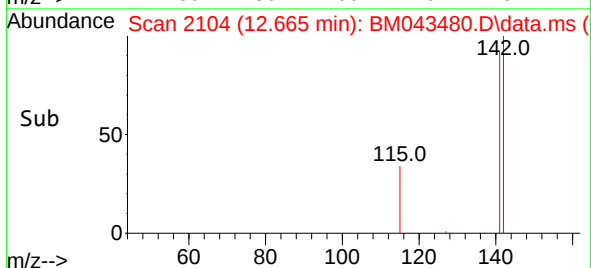
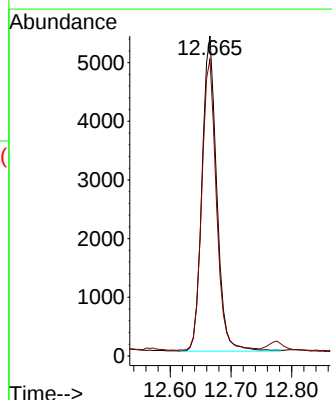
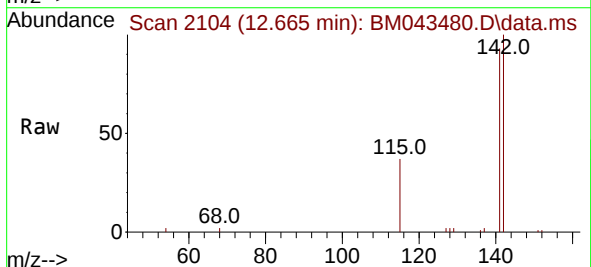
Instrument :
BNA_M
ClientSampleId :
SLCS925

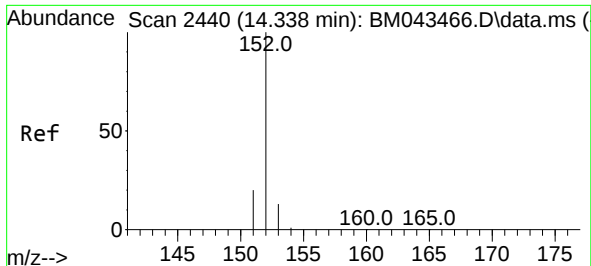
Tgt Ion:142 Resp: 9244
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:142 Resp: 8983
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

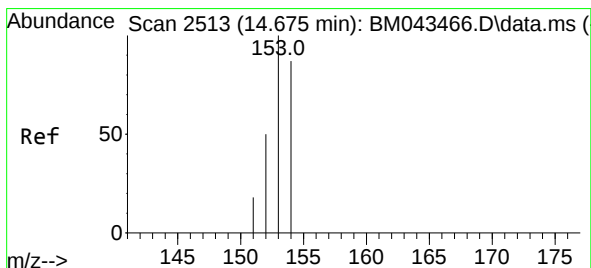
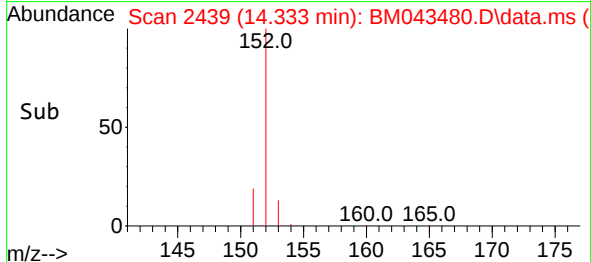
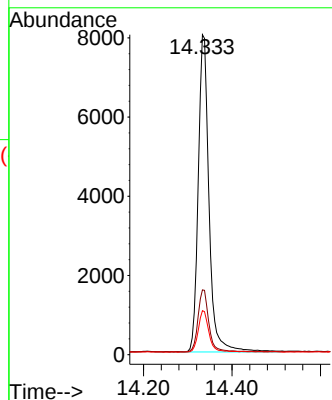
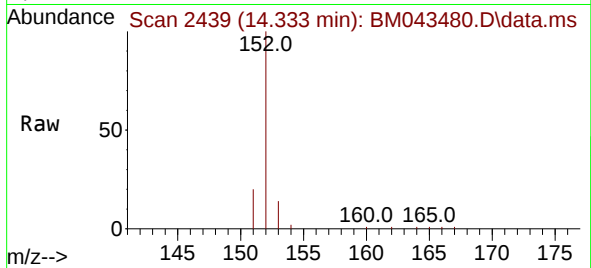




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.333 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

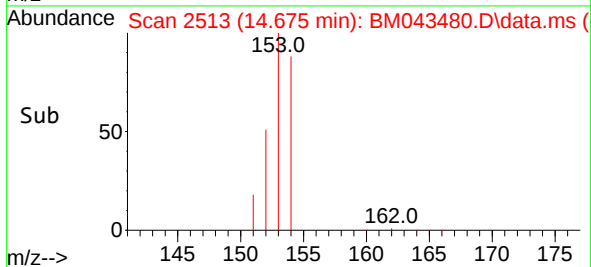
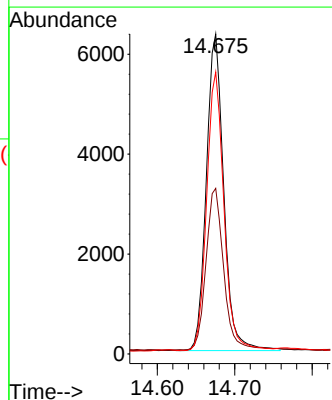
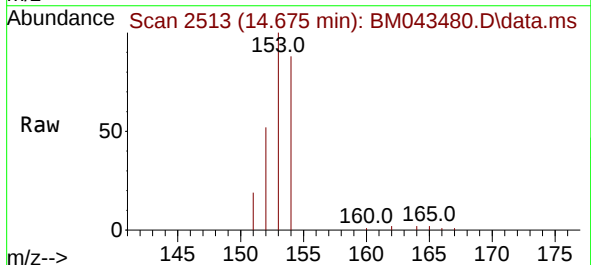
Instrument :
BNA_M
ClientSampleId :
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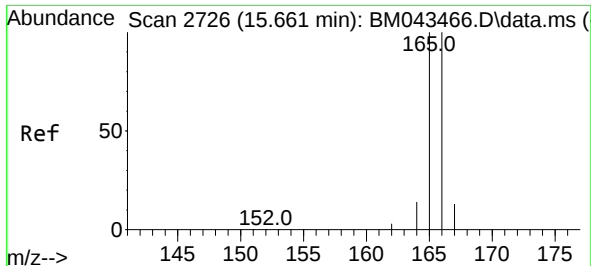
Tgt Ion:152 Resp: 13568
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.7 10.4 15.6



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:153 Resp: 9896
Ion Ratio Lower Upper
153 100
152 51.7 42.1 63.1
154 88.1 71.3 106.9

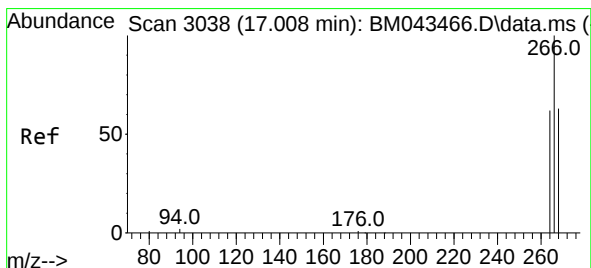
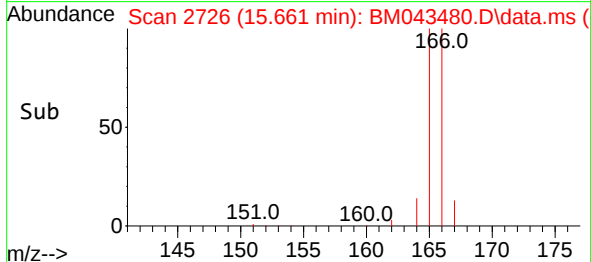
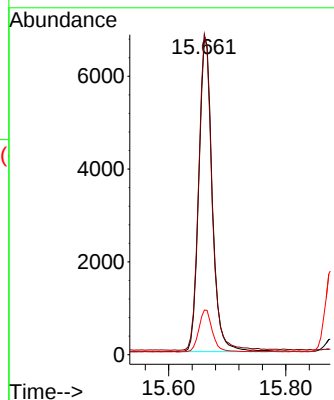
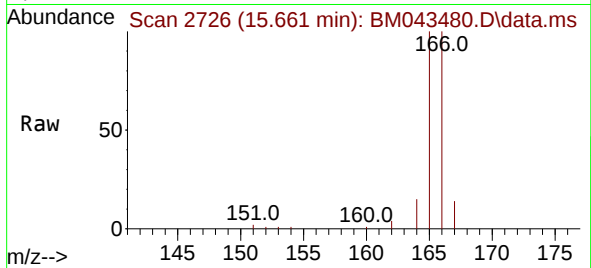




#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.661 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

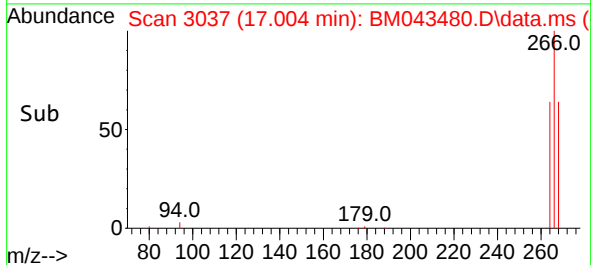
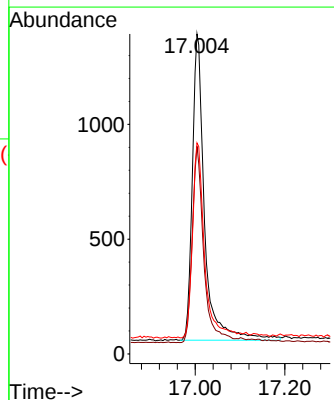
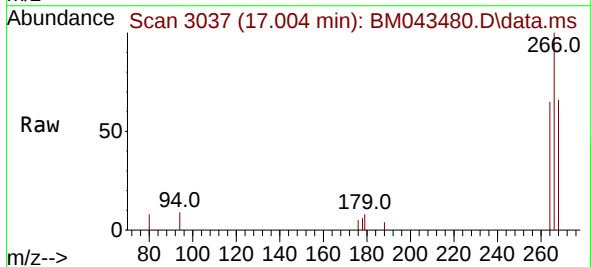
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ClientSampleId :
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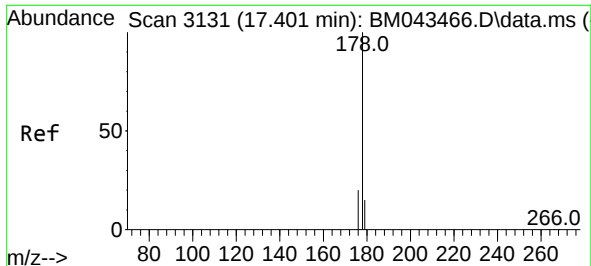
Tgt Ion:166 Resp: 10821
Ion Ratio Lower Upper
166 100
165 100.1 80.3 120.5
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.702 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:266 Resp: 2535
Ion Ratio Lower Upper
266 100
264 63.5 51.7 77.5
268 63.5 51.9 77.9

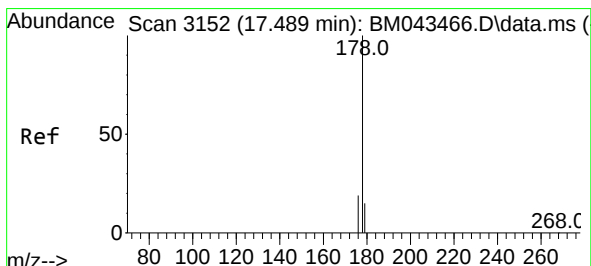
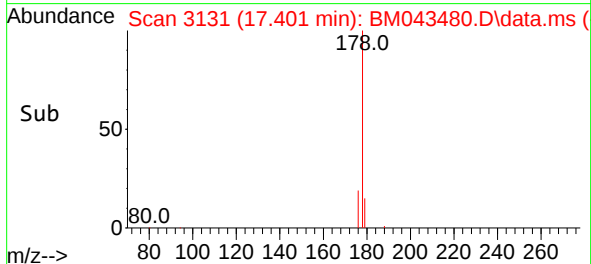
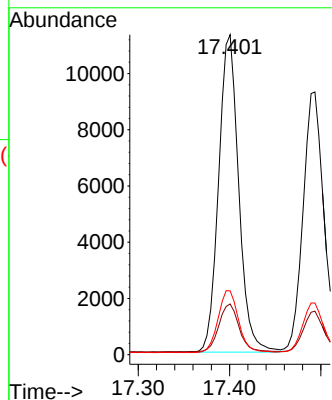
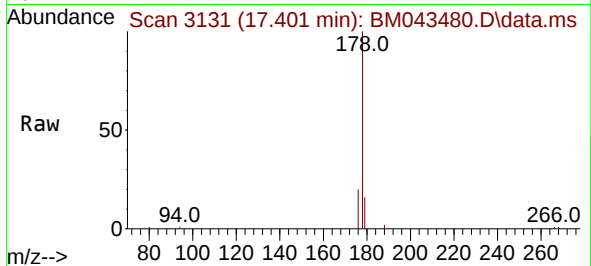




#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

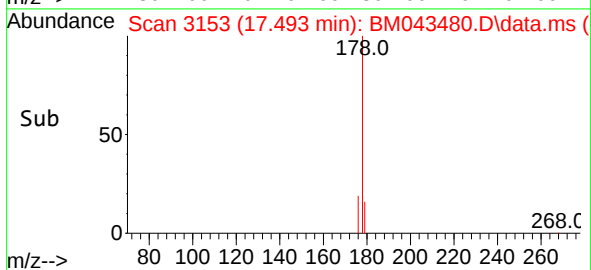
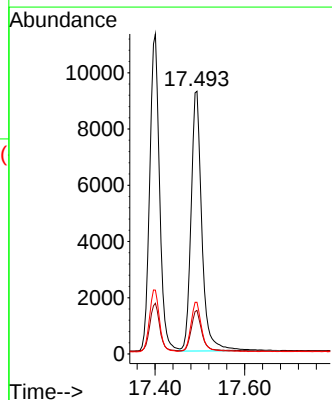
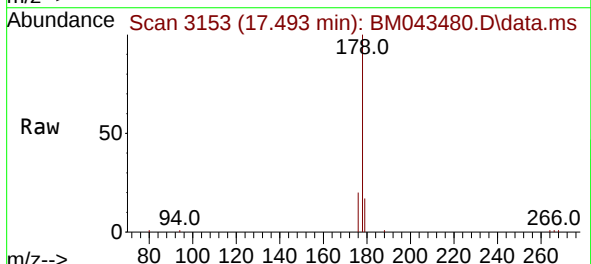
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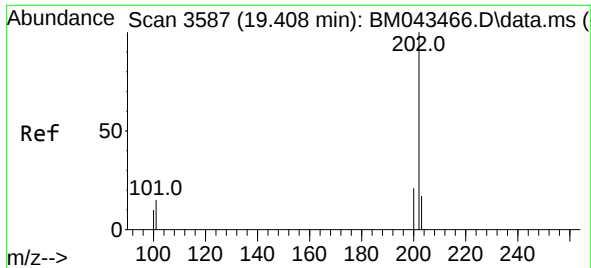
Tgt Ion:178 Resp: 17182
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:178 Resp: 15542
Ion Ratio Lower Upper
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179 16.6 12.6 18.8
176 19.6 15.6 23.4

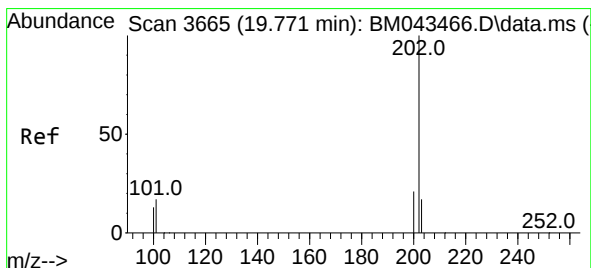
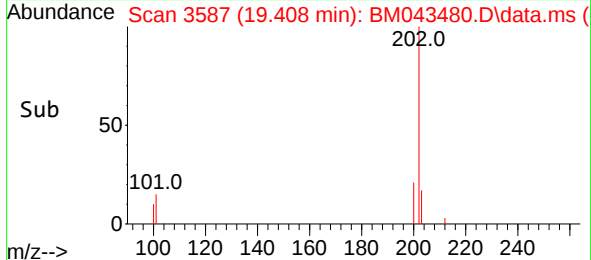
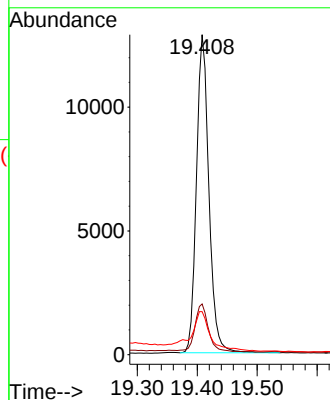
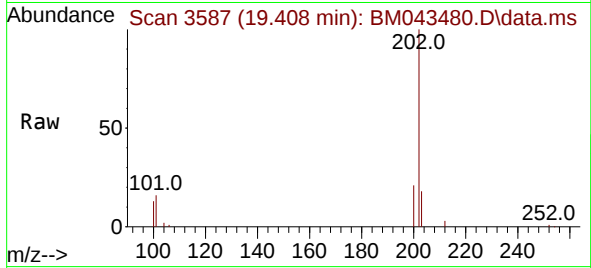




#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

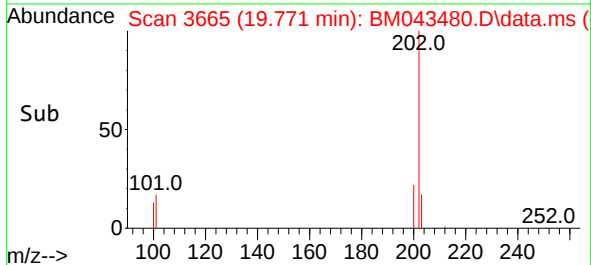
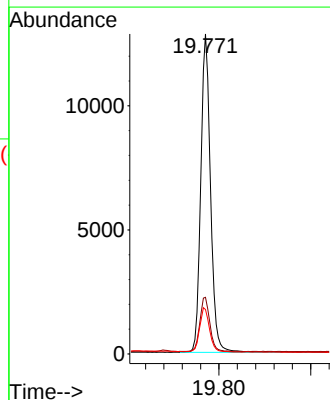
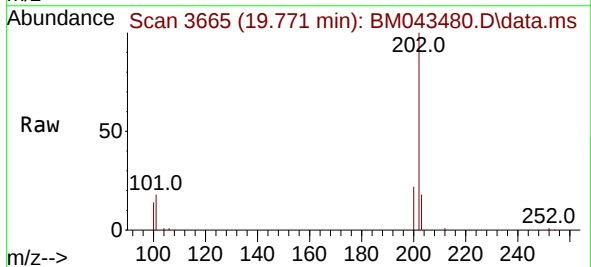
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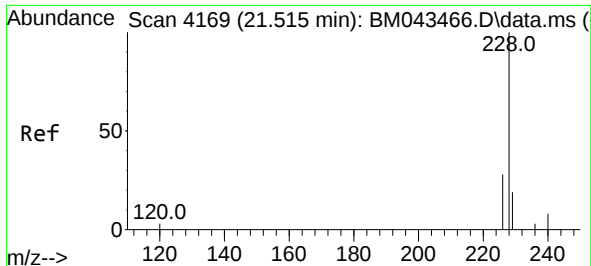
Tgt Ion:202 Resp: 18535
Ion Ratio Lower Upper
202 100
101 15.9 10.1 15.1#
100 13.5 7.4 11.2#



#20
Pyrene
Concen: 0.306 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:202 Resp: 18855
Ion Ratio Lower Upper
202 100
101 17.7 12.7 19.1
100 13.9 9.8 14.8

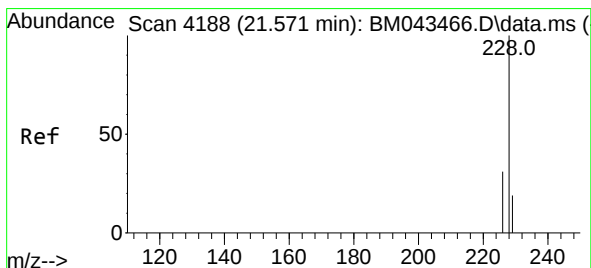
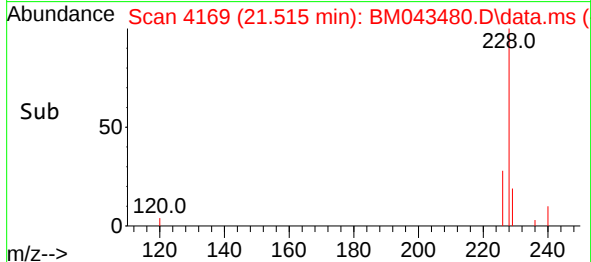
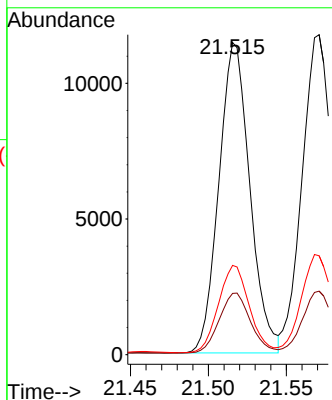
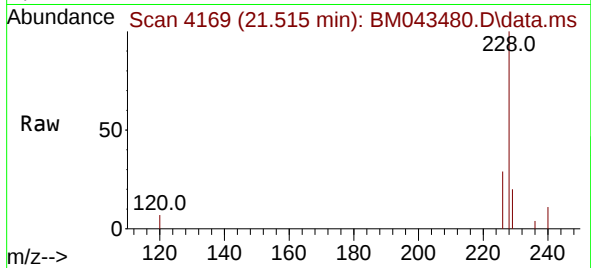




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

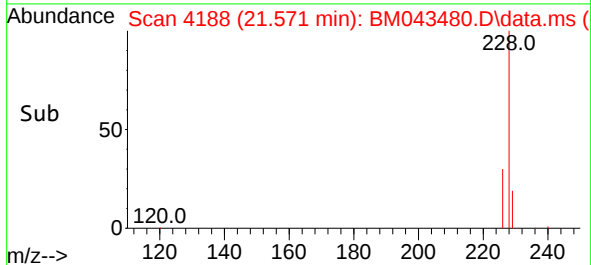
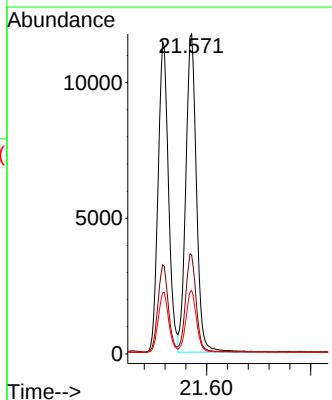
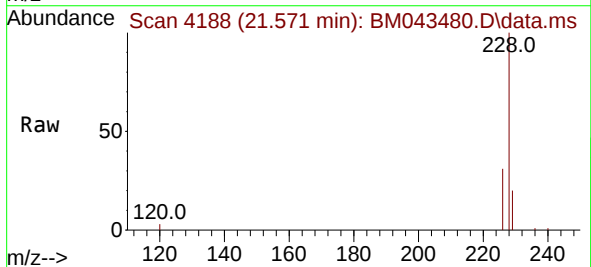
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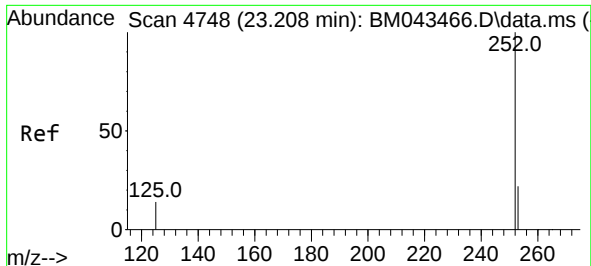
Tgt Ion:228 Resp: 15835
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.6 22.6 34.0



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

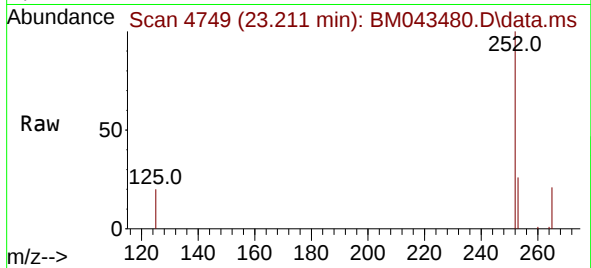
Tgt Ion:228 Resp: 16679
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.8 15.7 23.5



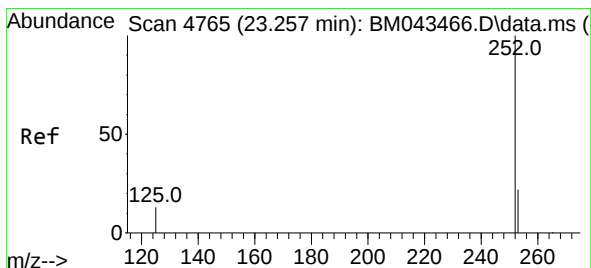
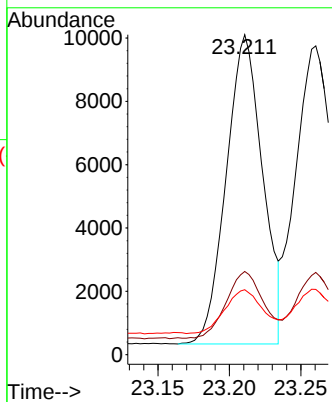
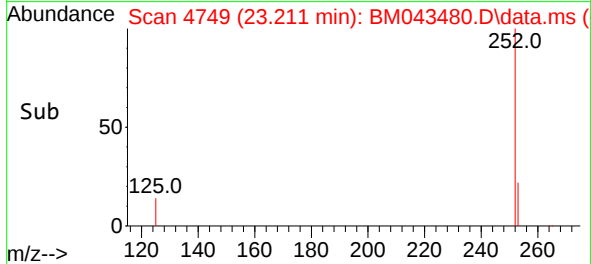


#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Instrument :
BNA_M
ClientSampleId :
SLCS925

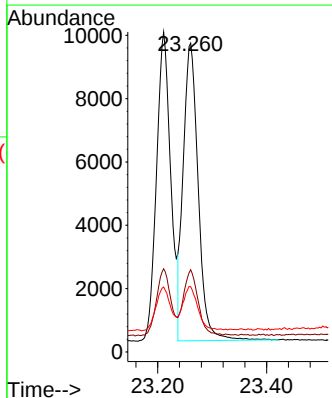
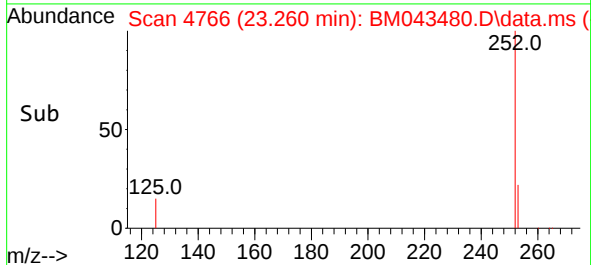
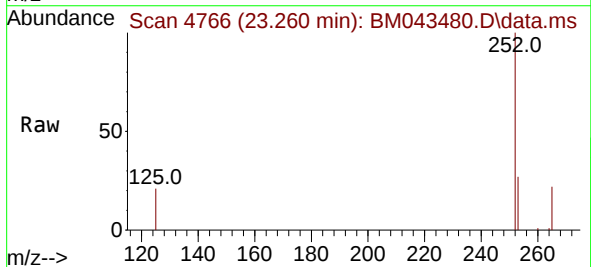


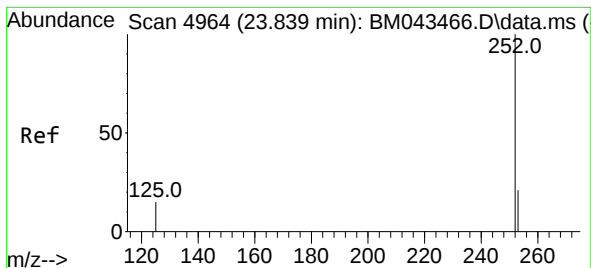
Tgt Ion:252 Resp: 17277
Ion Ratio Lower Upper
252 100
253 26.0 0.0 48.8
125 20.3 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:252 Resp: 17885
Ion Ratio Lower Upper
252 100
253 26.6 18.6 28.0
125 21.1 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.839 min Scan# 4964

Delta R.T. -0.009 min

Lab File: BM043480.D

Acq: 21 Dec 2023 00:53

Instrument :

BNA_M

ClientSampleId :

SLCS925

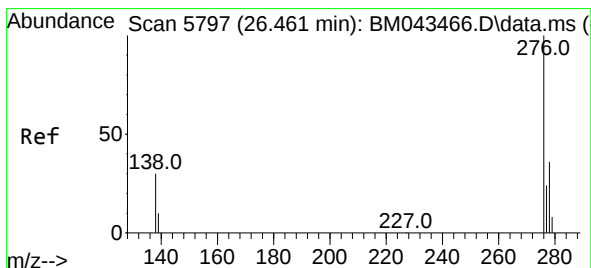
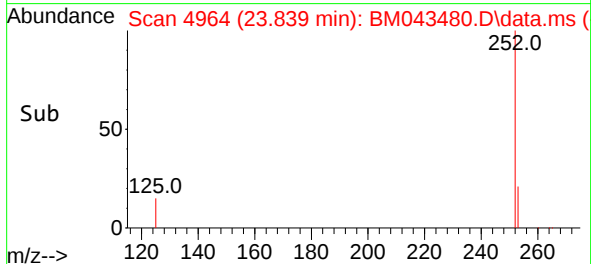
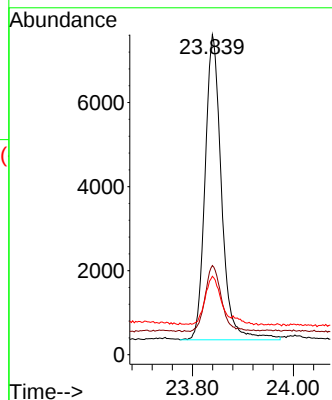
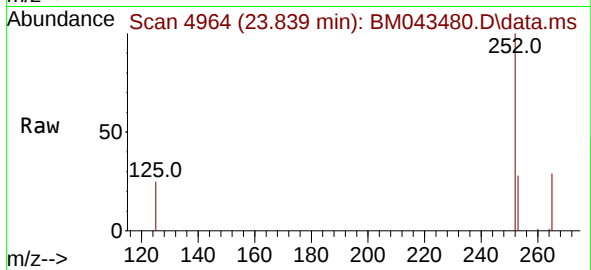
Tgt Ion:252 Resp: 16345

Ion Ratio Lower Upper

252 100

253 27.8 20.2 30.2

125 24.5 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng/ul

RT: 26.461 min Scan# 5797

Delta R.T. -0.014 min

Lab File: BM043480.D

Acq: 21 Dec 2023 00:53

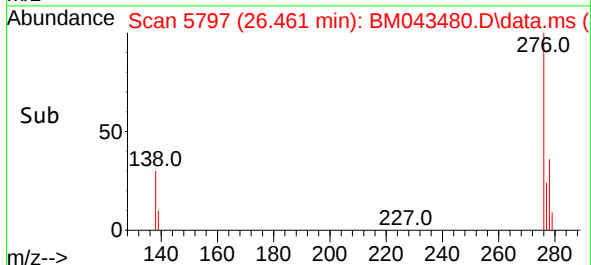
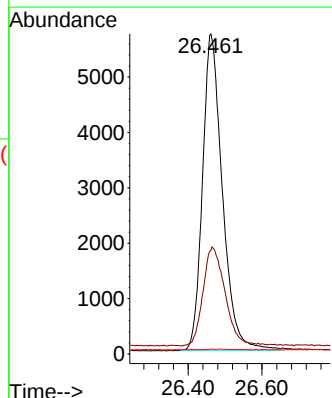
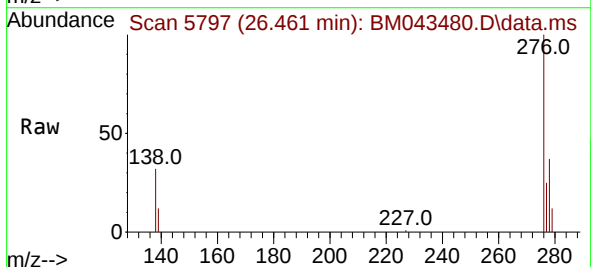
Tgt Ion:276 Resp: 21406

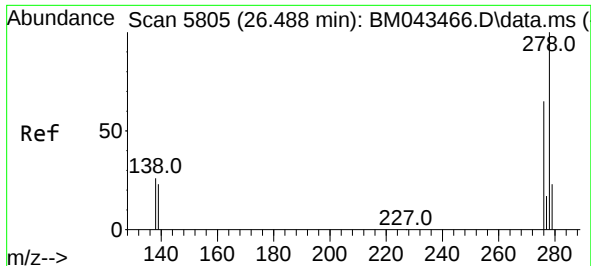
Ion Ratio Lower Upper

276 100

138 34.7 24.6 36.8

227 0.2 0.0 0.0#

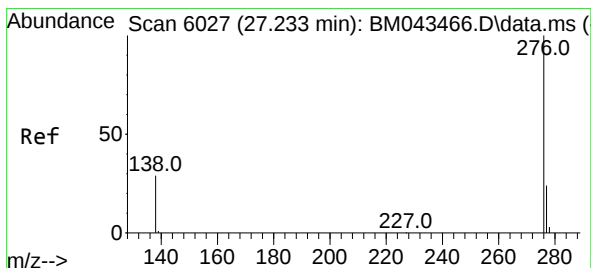
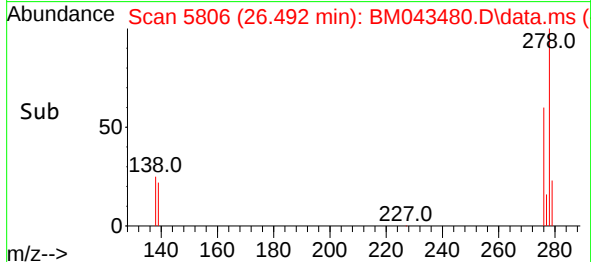
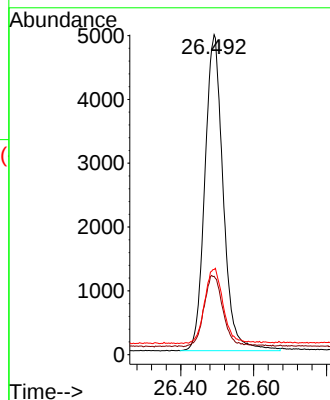
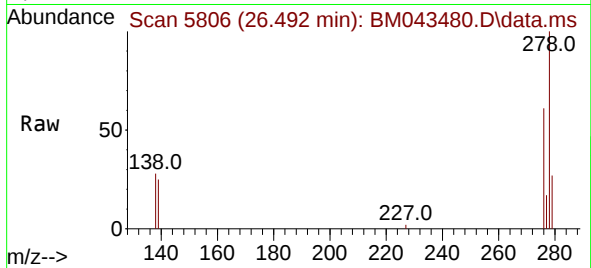




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.492 min Scan# 5806
Delta R.T. -0.007 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Instrument :
BNA_M
ClientSampleId :
SLCS925

Tgt Ion:278 Resp: 17248
Ion Ratio Lower Upper
278 100
139 24.5 17.4 26.2
279 26.6 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.229 min Scan# 6026
Delta R.T. -0.014 min
Lab File: BM043480.D
Acq: 21 Dec 2023 00:53

Tgt Ion:276 Resp: 18333
Ion Ratio Lower Upper
276 100
138 32.3 23.1 34.7
277 25.4 19.4 29.0

