

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
 Data File : BM041885.D
 Acq On : 15 Sep 2023 14:24
 Operator : MA/JU
 Sample : SSTD1.640
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6033

Quant Time: Sep 16 03:43:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 03:41:42 2023
 Response via : Initial Calibration

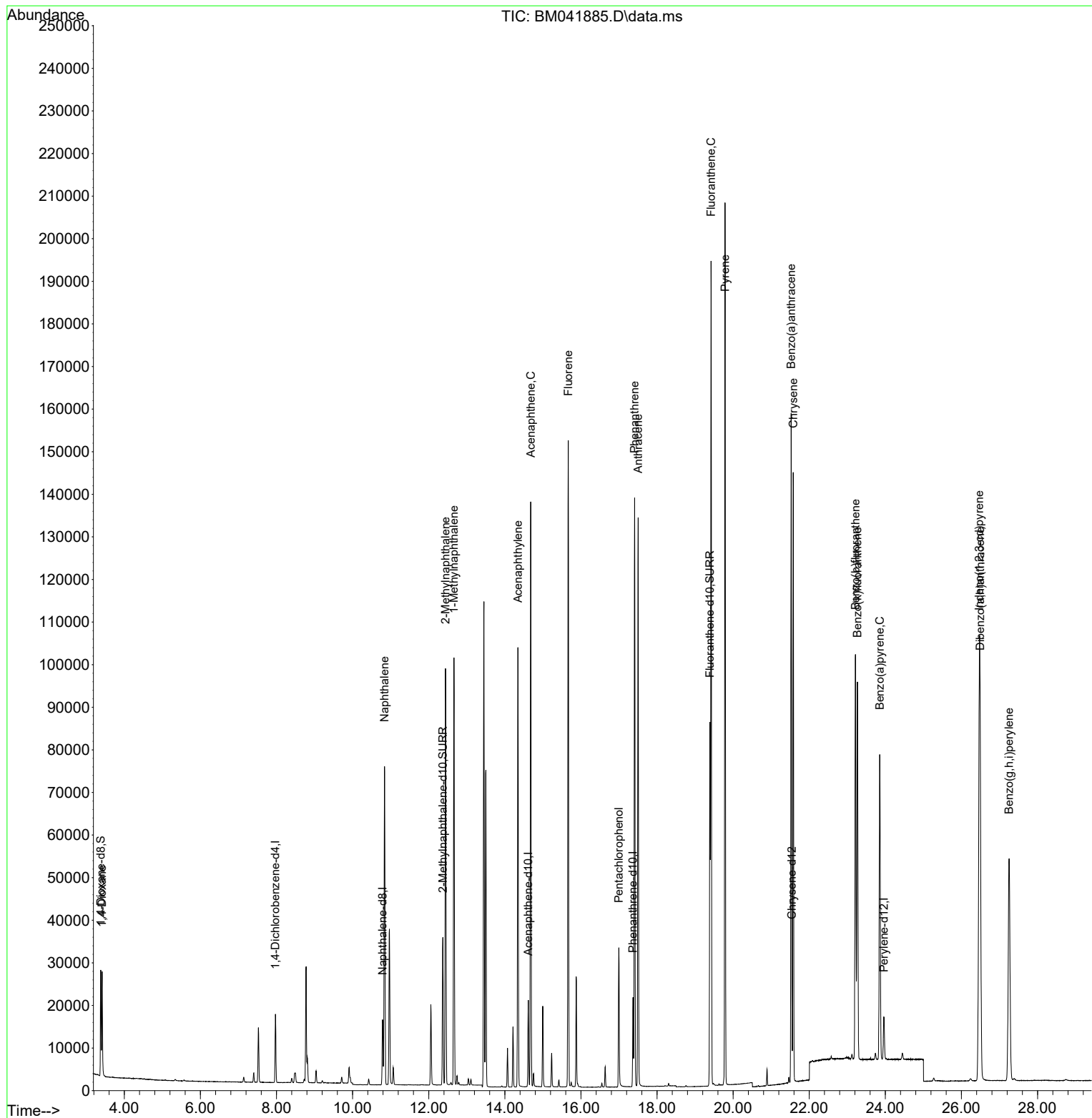
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.786	136	19604	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	10211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	21865	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	12660	0.400	ng/ul	0.00
23) Perylene-d12	23.960	264	13585	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	14505	1.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	43081	1.627	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	78047	1.814	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.415	88	15274	1.495	ng/ul#	82
5) Naphthalene	10.836	128	101726	1.561	ng/ul	99
7) 2-Methylnaphthalene	12.441	142	65079	1.641	ng/ul	100
8) 1-Methylnaphthalene	12.661	142	65646	1.625	ng/ul	100
10) Acenaphthylene	14.343	152	111595	1.729	ng/ul	99
11) Acenaphthene	14.681	153	76365	1.579	ng/ul	99
12) Fluorene	15.666	166	88991	1.568	ng/ul	97
14) Pentachlorophenol	16.996	266	21057	1.707	ng/ul	100
15) Phenanthrene	17.410	178	138481	1.477	ng/ul	99
16) Anthracene	17.502	178	134126	1.618	ng/ul	98
19) Fluoranthene	19.419	202	157260	1.642	ng/ul	97
20) Pyrene	19.786	202	161512	1.611	ng/ul	98
21) Benzo(a)anthracene	21.525	228	127103	1.561	ng/ul	98
22) Chrysene	21.578	228	117386	1.430	ng/ul	98
24) Benzo(b)fluoranthene	23.215	252	122838	1.325	ng/ul	90
25) Benzo(k)fluoranthene	23.264	252	118166	1.380	ng/ul#	89
26) Benzo(a)pyrene	23.852	252	104167	1.456	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.470	276	136013	1.260	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.490	278	100616	1.261	ng/ul	93
29) Benzo(g,h,i)perylene	27.251	276	110517	1.217	ng/ul	96

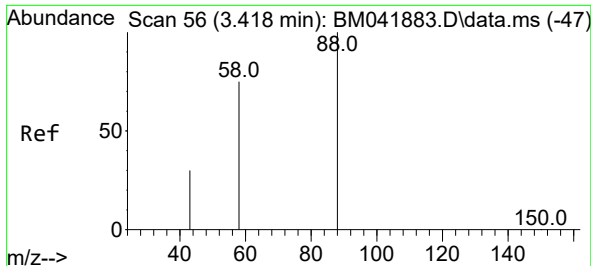
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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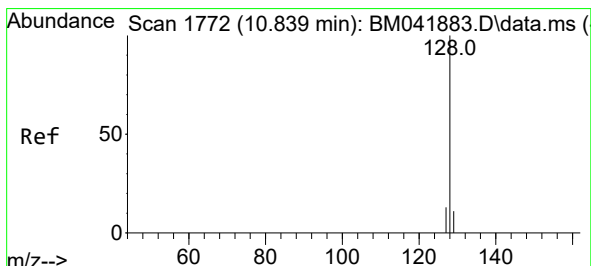
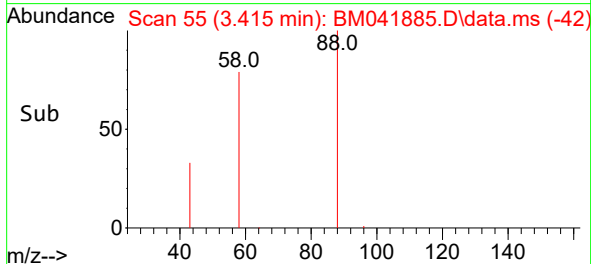
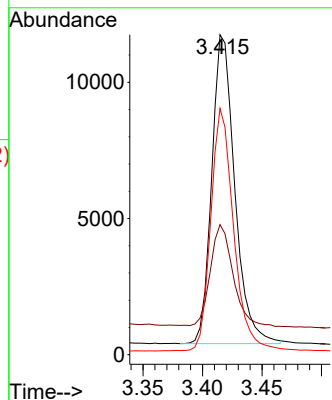
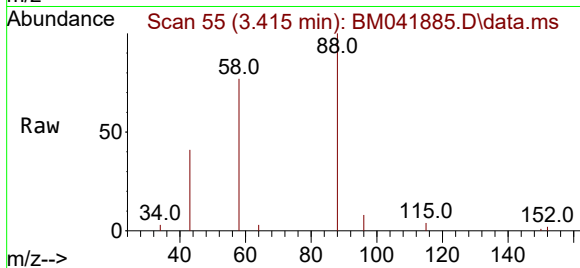




#2
1,4-Dioxane
Concen: 1.495 ng/ul
RT: 3.415 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

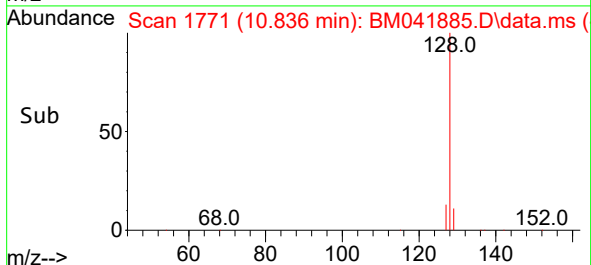
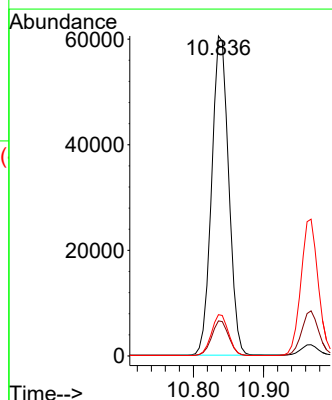
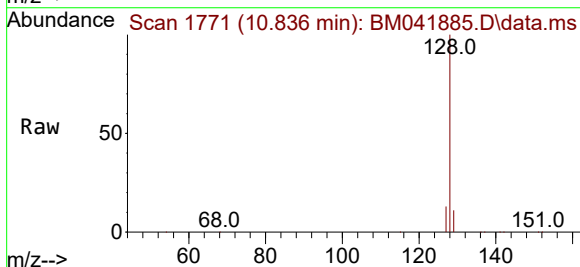
Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

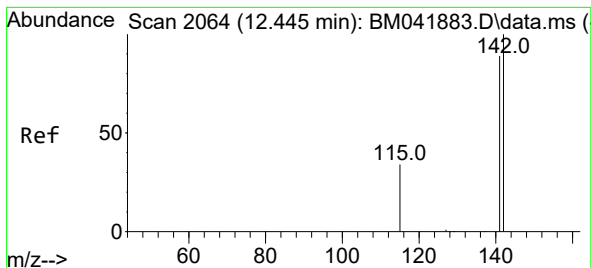
Tgt Ion: 88 Resp: 15274
Ion Ratio Lower Upper
88 100
43 40.7 51.0 76.4#
58 77.0 56.2 84.4



#5
Naphthalene
Concen: 1.561 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.004 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Tgt Ion: 128 Resp: 101726
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.6 16.0





#7

2-Methylnaphthalene

Concen: 1.641 ng/ul

RT: 12.441 min Scan# 2064

Delta R.T. -0.004 min

Lab File: BM041885.D

Acq: 15 Sep 2023 14:24

Instrument :

BNA_M

ClientSampleId :

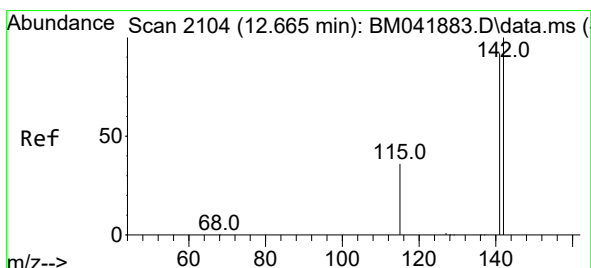
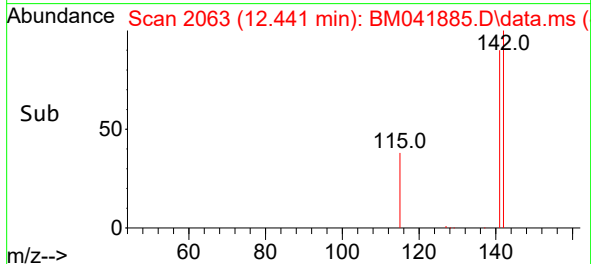
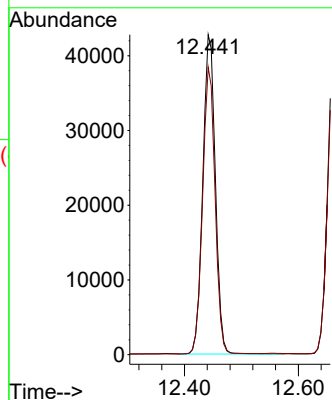
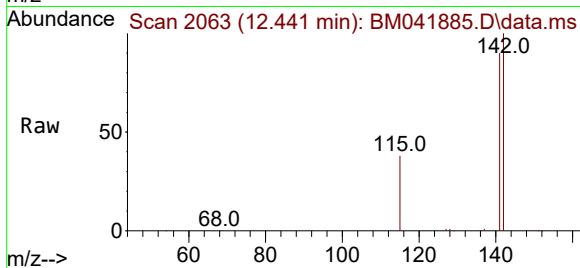
SSTD1.6033

Tgt Ion:142 Resp: 65079

Ion Ratio Lower Upper

142 100

141 89.2 71.1 106.7



#8

1-Methylnaphthalene

Concen: 1.625 ng/ul

RT: 12.661 min Scan# 2103

Delta R.T. -0.004 min

Lab File: BM041885.D

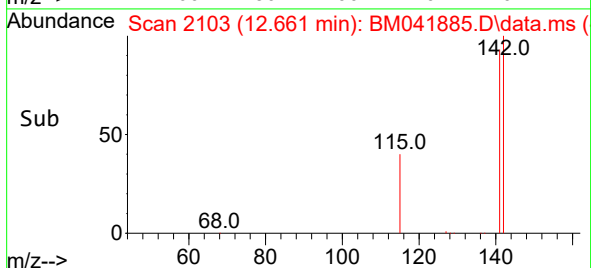
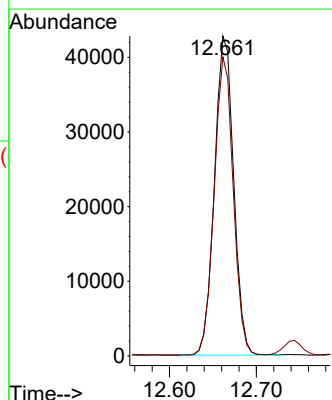
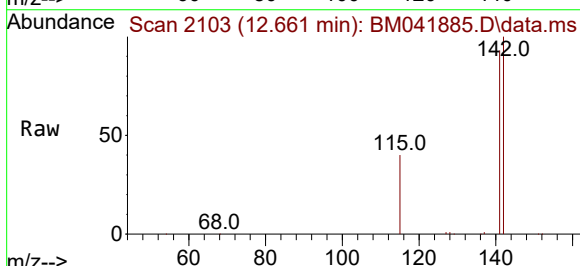
Acq: 15 Sep 2023 14:24

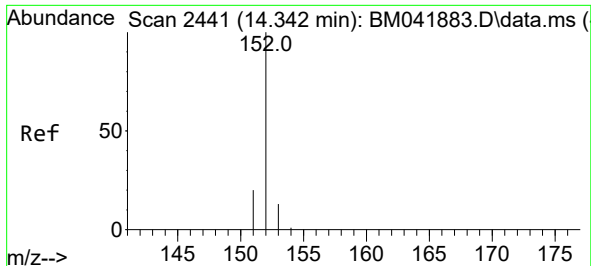
Tgt Ion:142 Resp: 65646

Ion Ratio Lower Upper

142 100

141 92.7 73.9 110.9

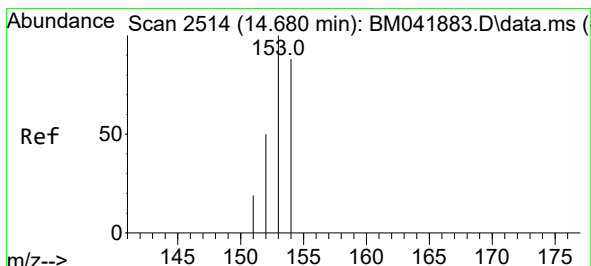
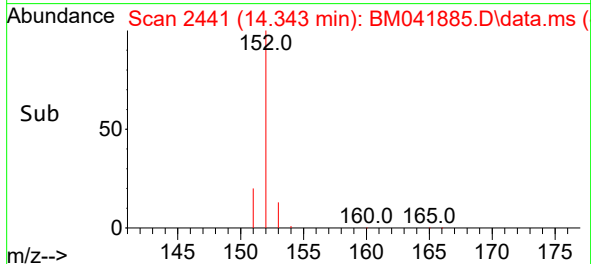
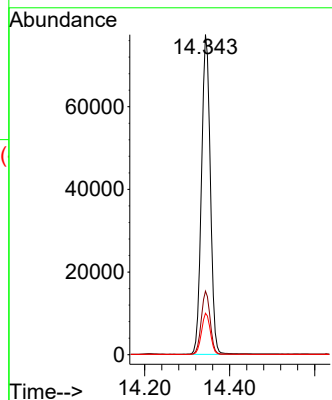
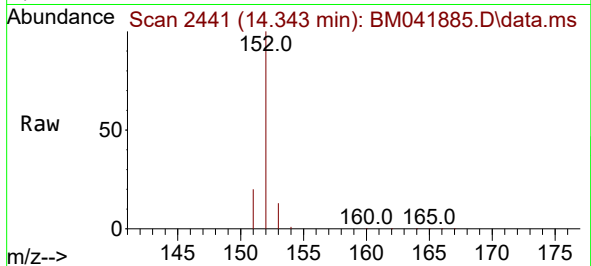




#10
Acenaphthylene
Concen: 1.729 ng/ul
RT: 14.343 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

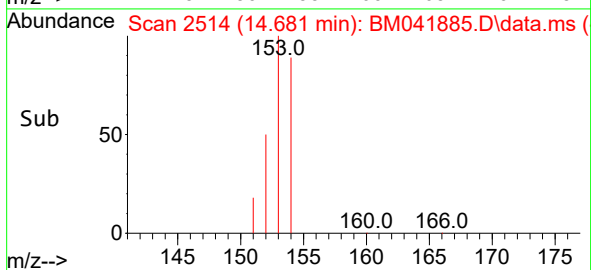
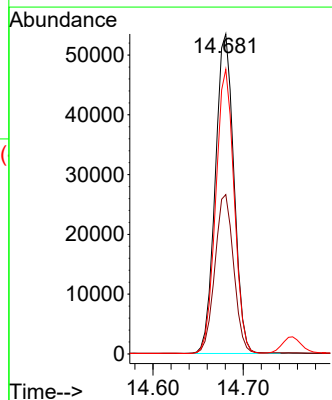
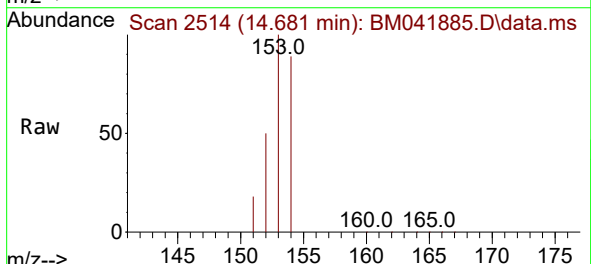
Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

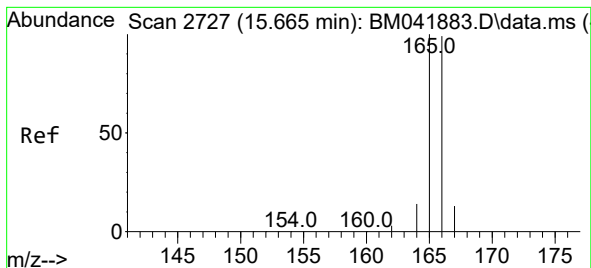
Tgt Ion:152 Resp: 111595
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 12.9 10.6 16.0



#11
Acenaphthene
Concen: 1.579 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Tgt Ion:153 Resp: 76365
Ion Ratio Lower Upper
153 100
152 49.8 40.5 60.7
154 89.0 70.2 105.4





#12

Fluorene

Concen: 1.568 ng/ul

RT: 15.666 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM041885.D

Acq: 15 Sep 2023 14:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6033

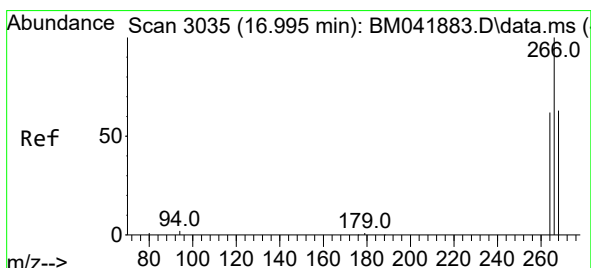
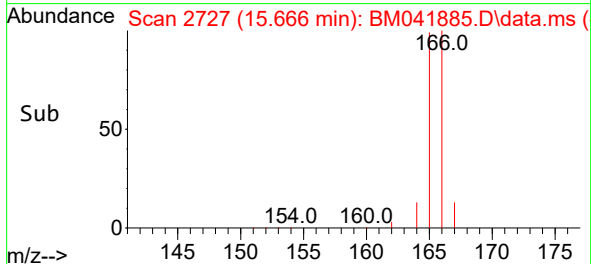
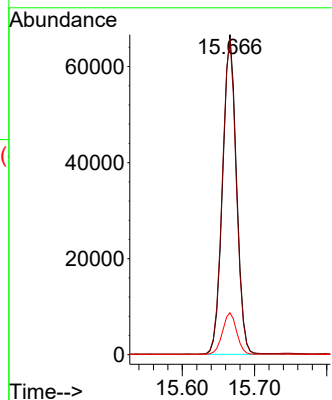
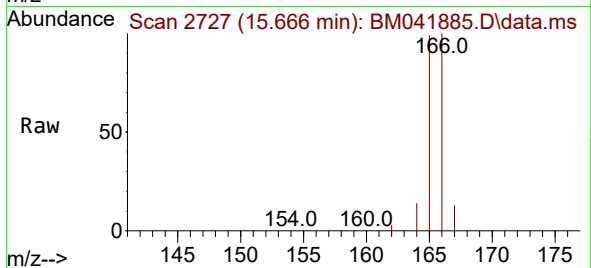
Tgt Ion:166 Resp: 88991

Ion Ratio Lower Upper

166 100

165 98.8 81.4 122.0

167 13.1 11.0 16.6



#14

Pentachlorophenol

Concen: 1.707 ng/ul

RT: 16.996 min Scan# 3035

Delta R.T. 0.001 min

Lab File: BM041885.D

Acq: 15 Sep 2023 14:24

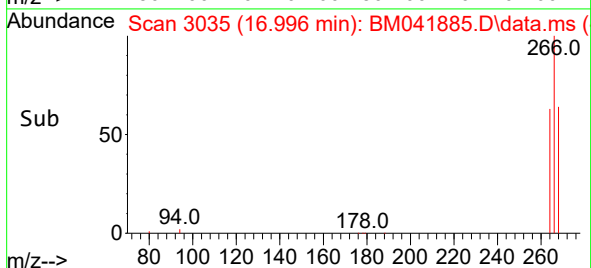
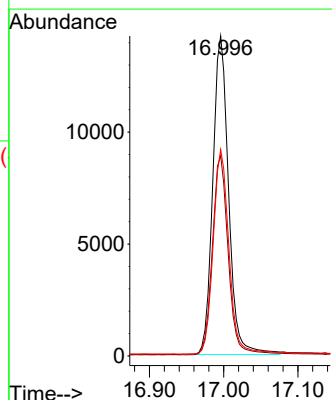
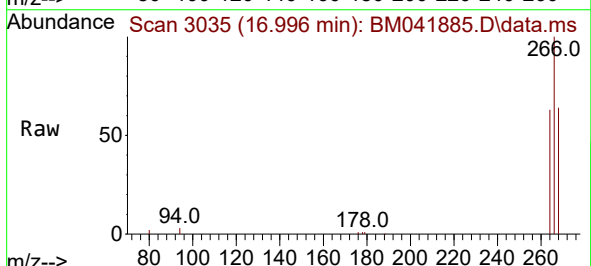
Tgt Ion:266 Resp: 21057

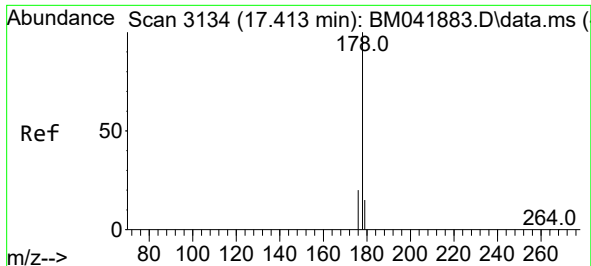
Ion Ratio Lower Upper

266 100

264 62.4 49.8 74.8

268 64.0 51.3 76.9

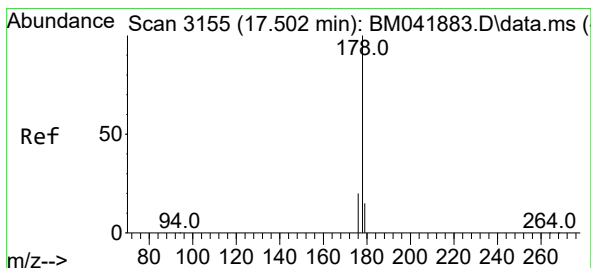
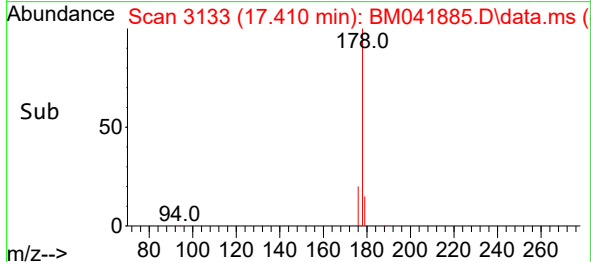
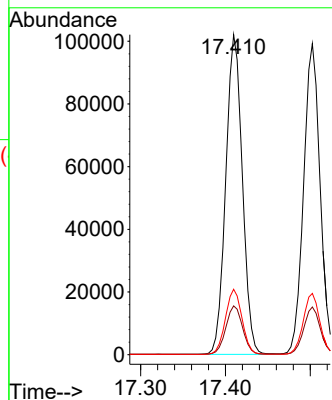
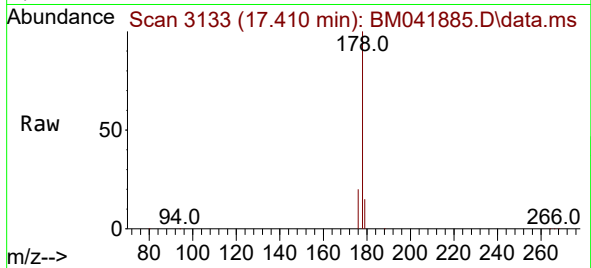




#15
Phenanthrene
Concen: 1.477 ng/ul
RT: 17.410 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

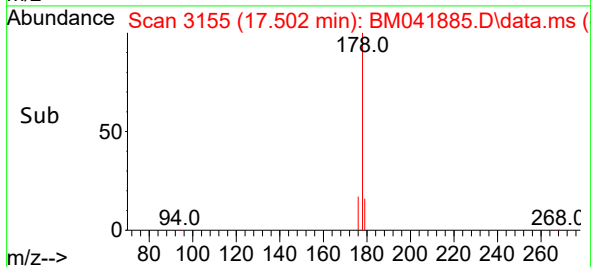
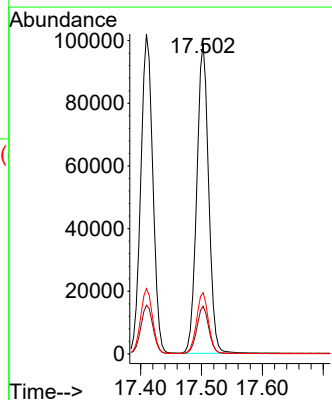
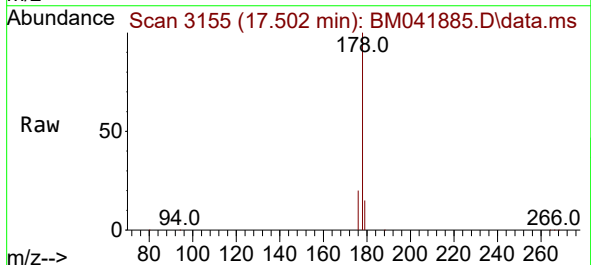
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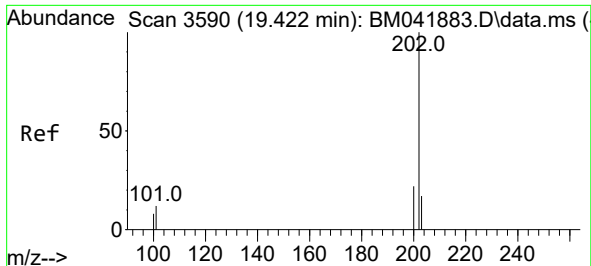
Tgt Ion:178 Resp: 138481
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 20.4 16.1 24.1



#16
Anthracene
Concen: 1.618 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Tgt Ion:178 Resp: 134126
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.7 16.3 24.5

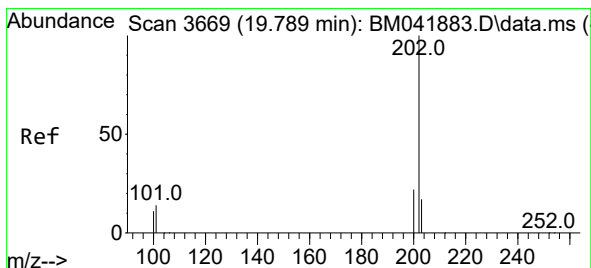
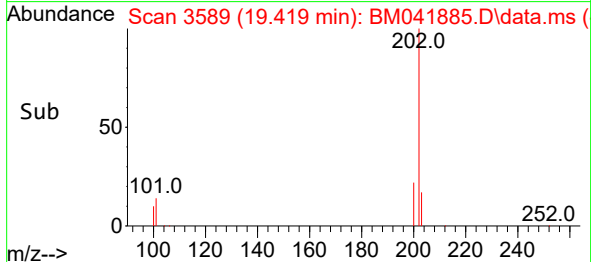
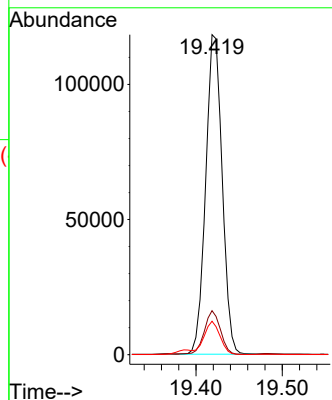
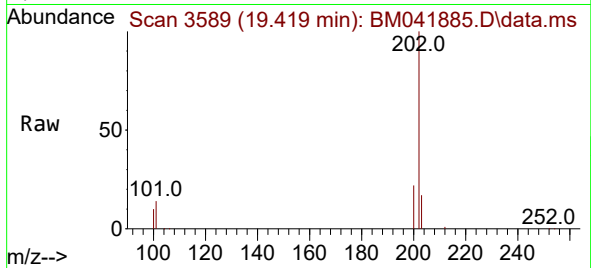




#19
Fluoranthene
Concen: 1.642 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.003 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

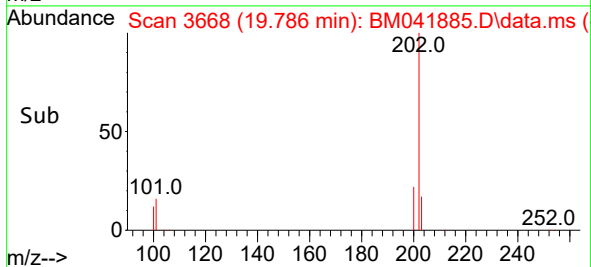
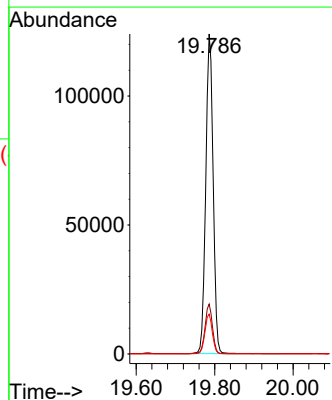
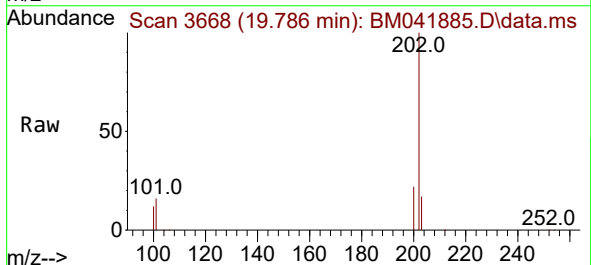
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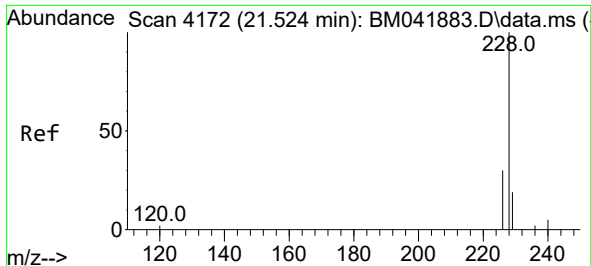
Tgt Ion:202 Resp: 157260
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 10.5 7.5 11.3



#20
Pyrene
Concen: 1.611 ng/ul
RT: 19.786 min Scan# 3668
Delta R.T. -0.003 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Tgt Ion:202 Resp: 161512
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.6
100 12.5 9.3 13.9

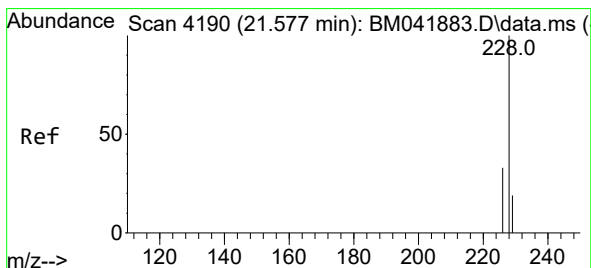
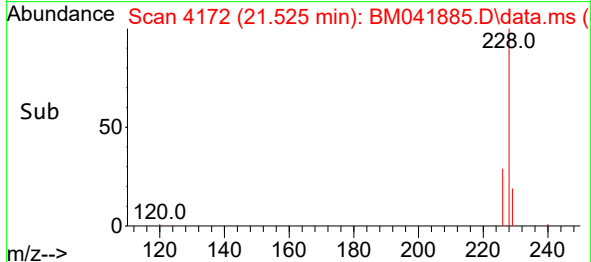
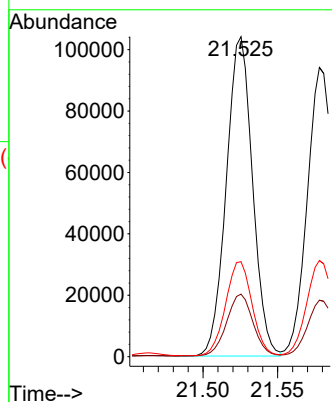
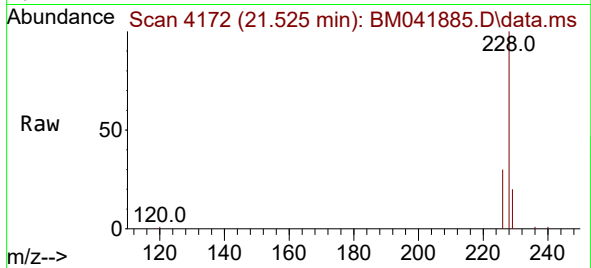




#21
Benzo(a)anthracene
Concen: 1.561 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

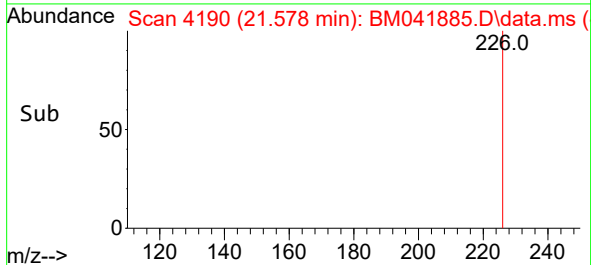
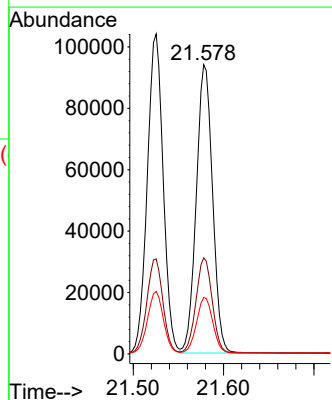
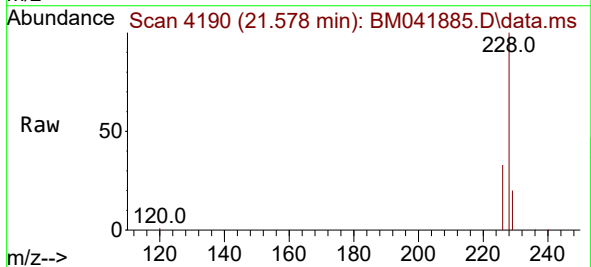
Instrument :
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SSTD1.6033

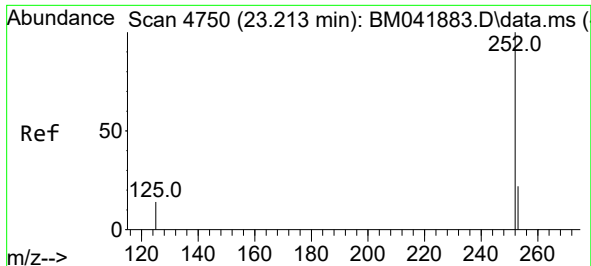
Tgt Ion:228 Resp: 127103
Ion Ratio Lower Upper
228 100
229 19.5 16.6 24.8
226 29.7 24.6 37.0



#22
Chrysene
Concen: 1.430 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

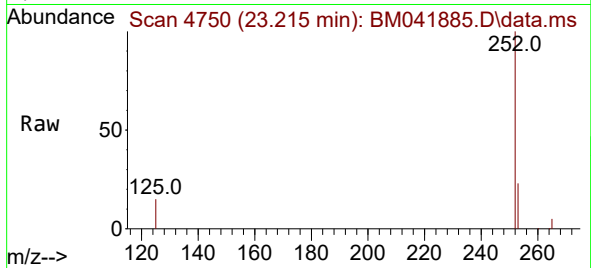
Tgt Ion:228 Resp: 117386
Ion Ratio Lower Upper
228 100
226 33.2 27.3 40.9
229 19.5 16.6 25.0



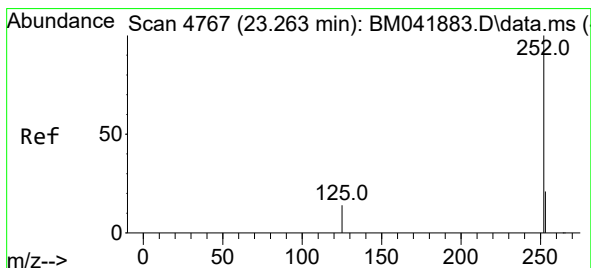
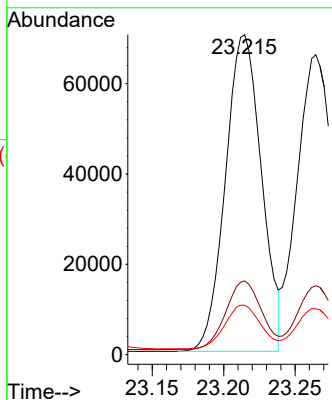


#24
Benzo(b)fluoranthene
Concen: 1.325 ng/ul
RT: 23.215 min Scan# 4750
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

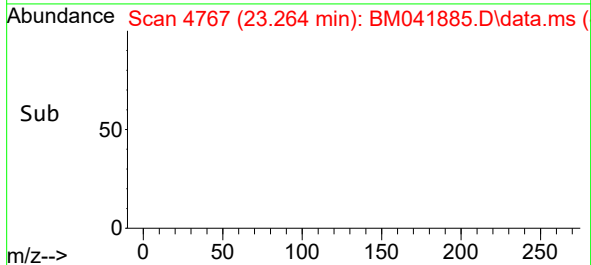
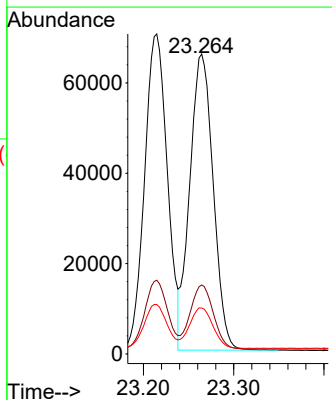
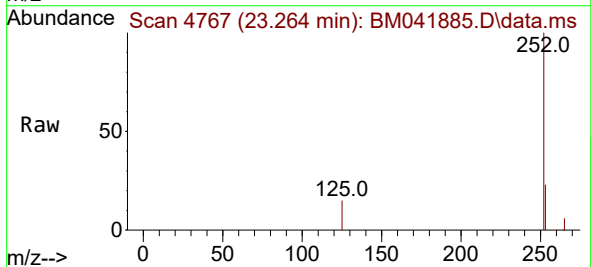


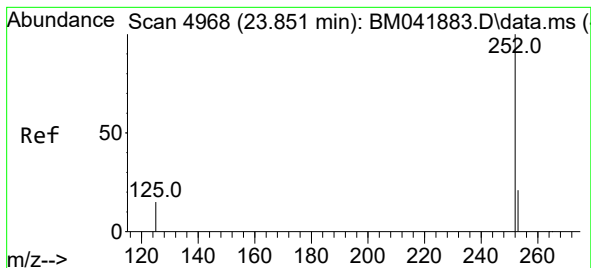
Tgt Ion:252 Resp: 122838
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.6
125 15.4 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 1.380 ng/ul
RT: 23.264 min Scan# 4767
Delta R.T. 0.001 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Tgt Ion:252 Resp: 118166
Ion Ratio Lower Upper
252 100
253 23.0 21.8 32.8
125 15.3 17.4 26.2#





#26

Benzo(a)pyrene

Concen: 1.456 ng/ul

RT: 23.852 min Scan# 4968

Delta R.T. 0.001 min

Lab File: BM041885.D

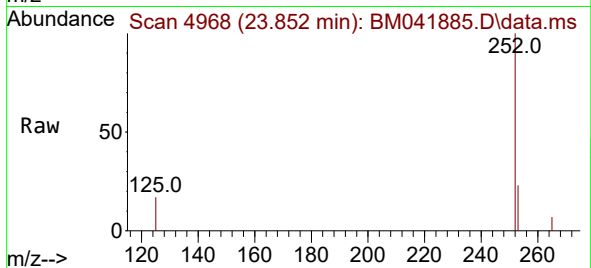
Acq: 15 Sep 2023 14:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6033



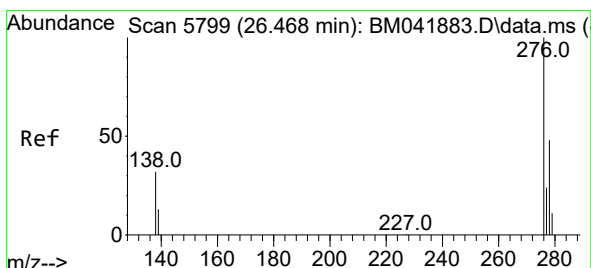
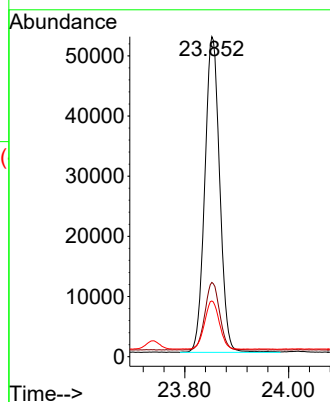
Tgt Ion:252 Resp: 104167

Ion Ratio Lower Upper

252 100

253 23.2 23.0 34.4

125 17.4 19.9 29.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.260 ng/ul

RT: 26.470 min Scan# 5799

Delta R.T. 0.002 min

Lab File: BM041885.D

Acq: 15 Sep 2023 14:24

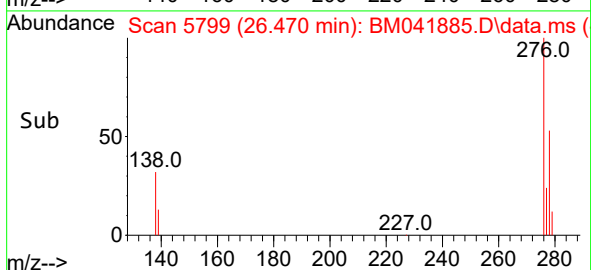
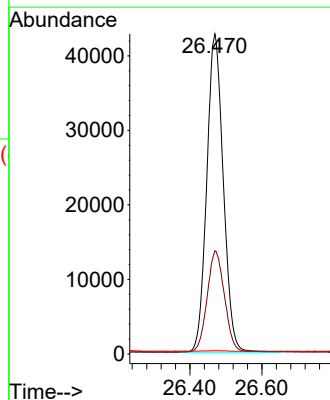
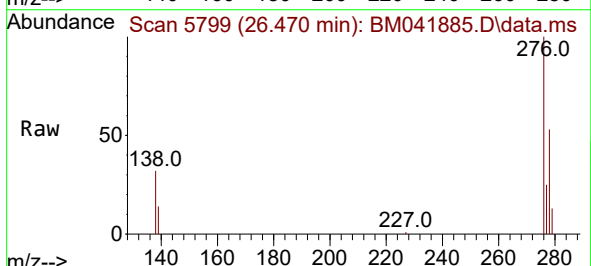
Tgt Ion:276 Resp: 136013

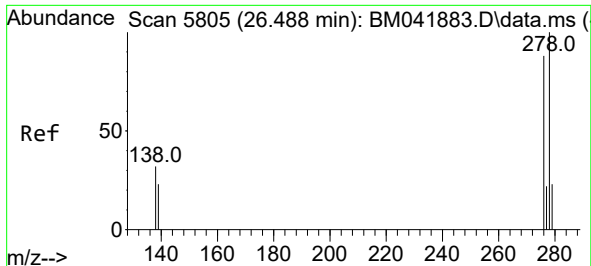
Ion Ratio Lower Upper

276 100

138 33.1 26.7 40.1

227 0.1 0.0 0.0#

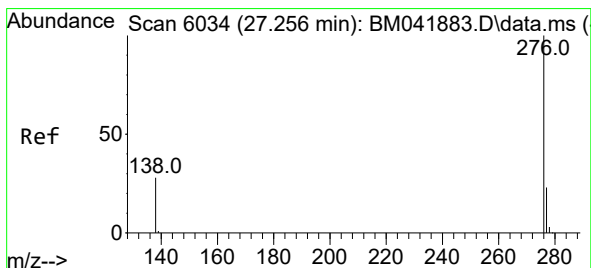
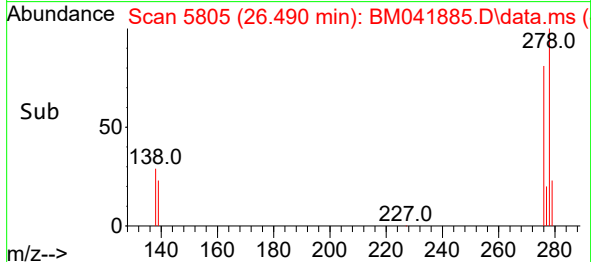
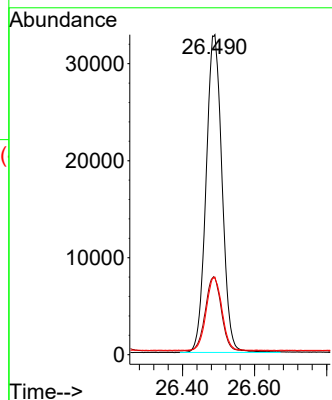
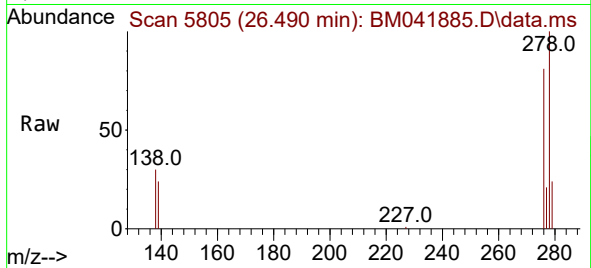




#28
Dibenzo(a,h)anthracene
Concen: 1.261 ng/ul
RT: 26.490 min Scan# 5805
Delta R.T. 0.002 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:278 Resp: 100616
Ion Ratio Lower Upper
278 100
139 24.0 22.6 33.8
279 24.2 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 1.217 ng/ul
RT: 27.251 min Scan# 6032
Delta R.T. -0.005 min
Lab File: BM041885.D
Acq: 15 Sep 2023 14:24

Tgt Ion:276 Resp: 110517
Ion Ratio Lower Upper
276 100
138 29.6 24.9 37.3
277 24.1 21.4 32.0

