

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041869.D
 Acq On : 14 Sep 2023 18:11
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4087

Quant Time: Sep 15 00:29:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

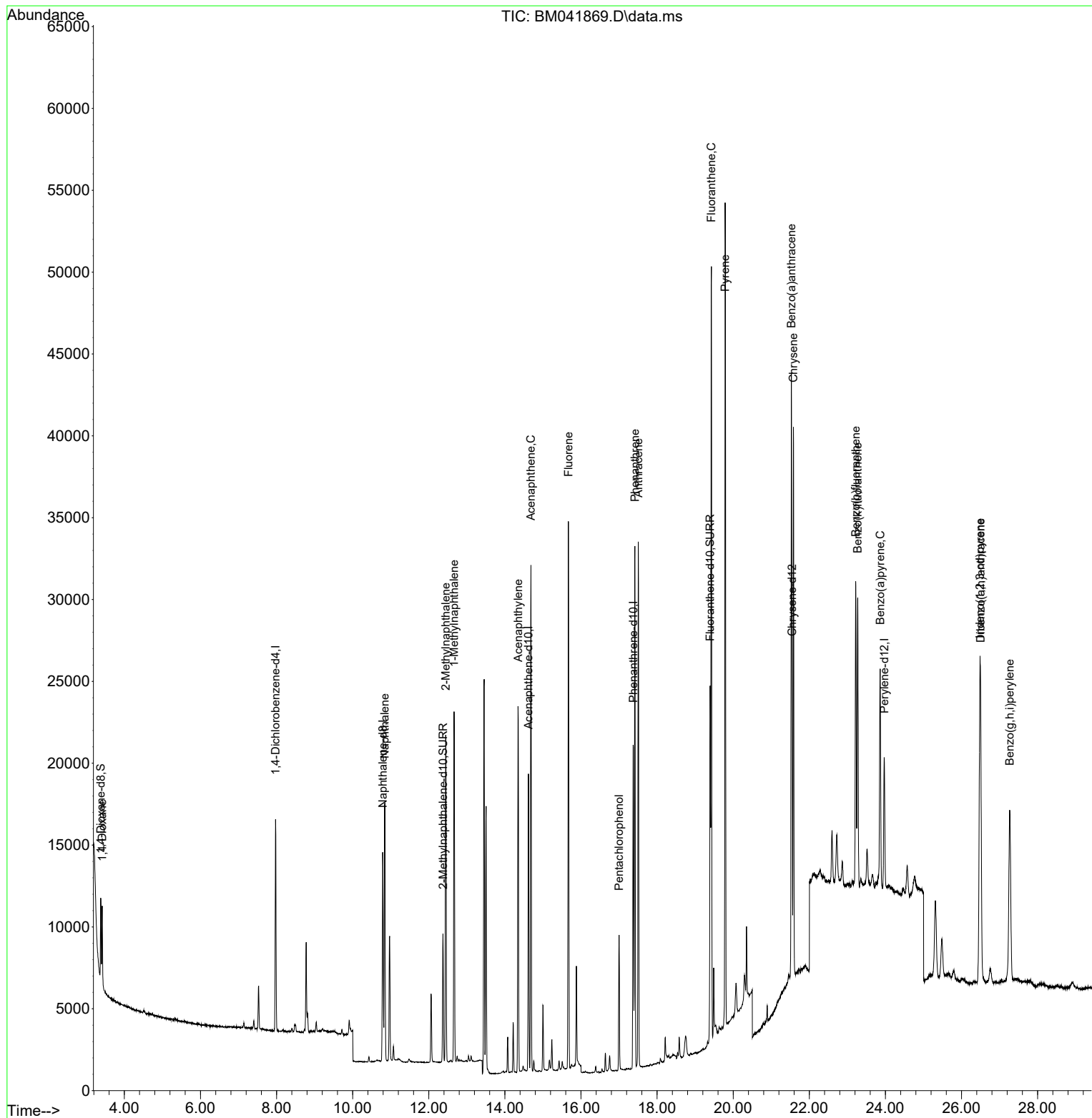
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	6326	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	16509	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	9330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	21365	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	12301	0.400	ng/ul	0.00
23) Perylene-d12	23.968	264	10825	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3020	0.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	9400	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	20101	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	3113	0.369	ng/ul#	77
5) Naphthalene	10.845	128	21339	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.445	142	13808	0.413	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	14043	0.412	ng/ul	100
10) Acenaphthylene	14.347	152	24495	0.418	ng/ul	100
11) Acenaphthene	14.684	153	16964	0.379	ng/ul	99
12) Fluorene	15.670	166	20290	0.388	ng/ul	100
14) Pentachlorophenol	16.999	266	5329	0.438	ng/ul	99
15) Phenanthrene	17.417	178	32923	0.353	ng/ul	99
16) Anthracene	17.506	178	32959	0.405	ng/ul	100
19) Fluoranthene	19.427	202	38509	0.404	ng/ul	99
20) Pyrene	19.789	202	40524	0.406	ng/ul	98
21) Benzo(a)anthracene	21.530	228	29371	0.362	ng/ul#	94
22) Chrysene	21.582	228	26849	0.323	ng/ul#	92
24) Benzo(b)fluoranthene	23.219	252	23557	0.306	ng/ul	76
25) Benzo(k)fluoranthene	23.272	252	22829	0.322	ng/ul#	75
26) Benzo(a)pyrene	23.862	252	19064	0.325	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.481	276	26017	0.288	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.501	278	19875	0.298	ng/ul#	77
29) Benzo(g,h,i)perylene	27.266	276	22054	0.289	ng/ul#	84

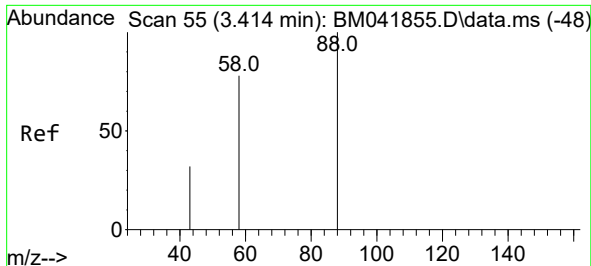
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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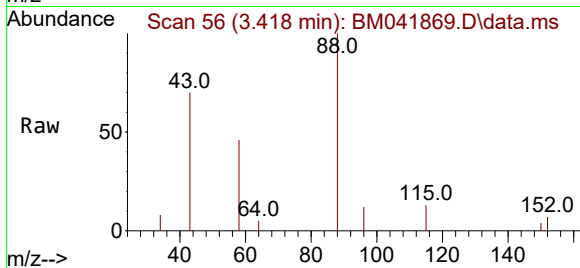
Quant Time: Sep 15 00:29:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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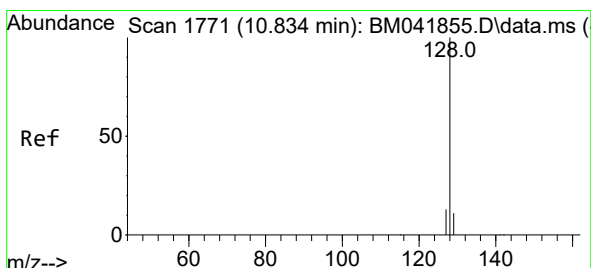
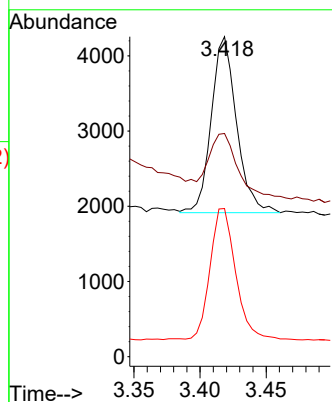
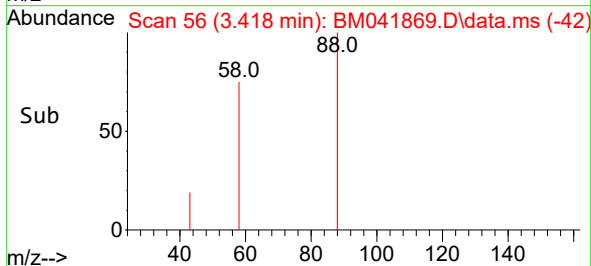


#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.418 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

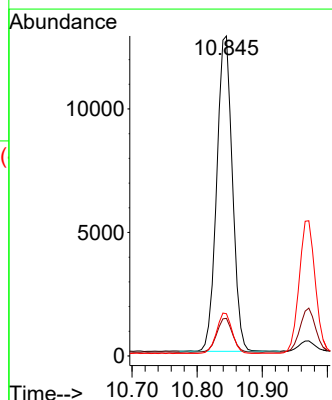
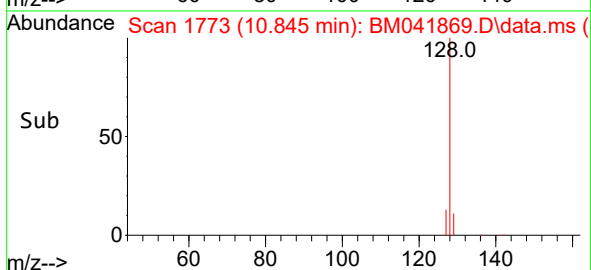
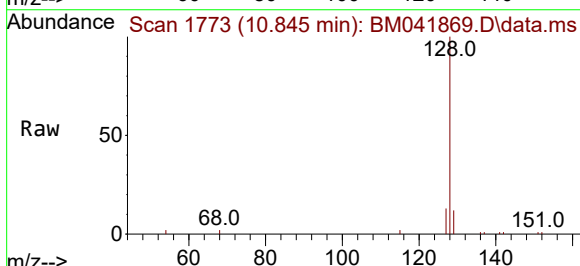


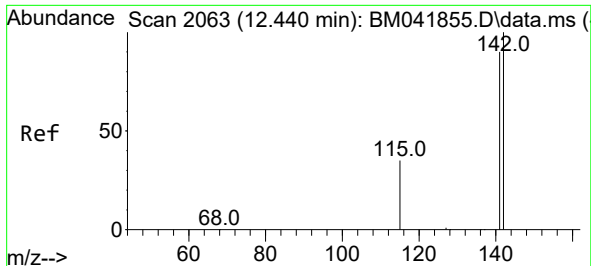
Tgt Ion: 88 Resp: 3113
Ion Ratio Lower Upper
88 100
43 69.8 69.9 104.9#
58 46.3 55.6 83.4#



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion: 128 Resp: 21339
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.2 10.7 16.1

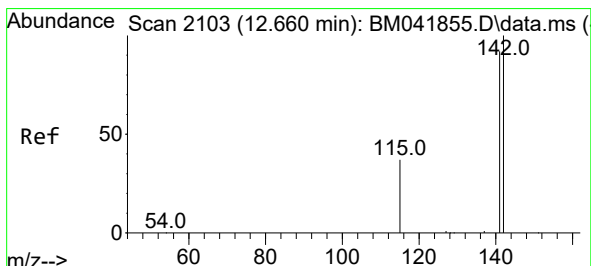
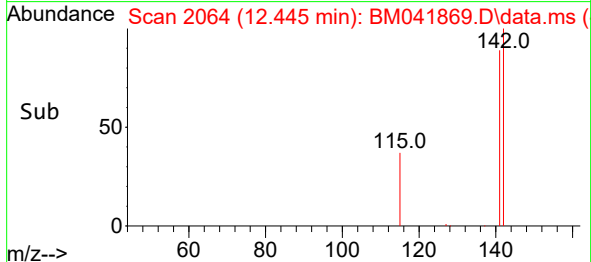
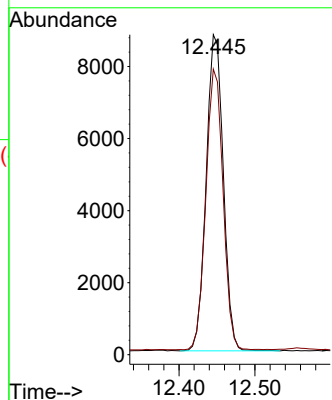
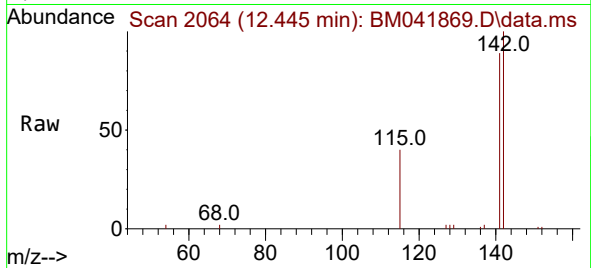




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

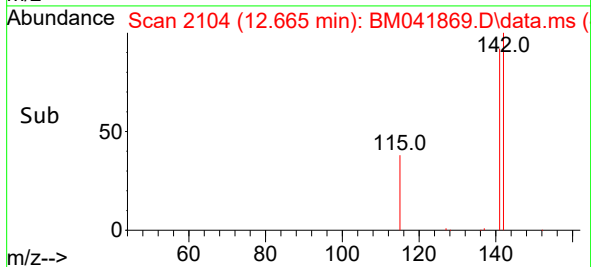
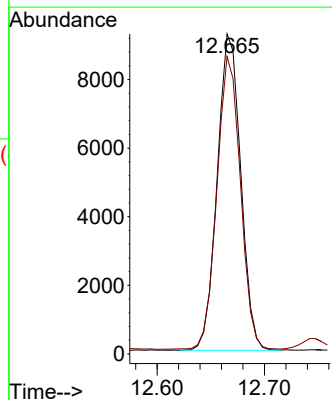
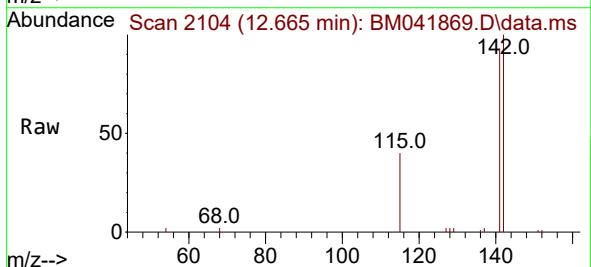
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

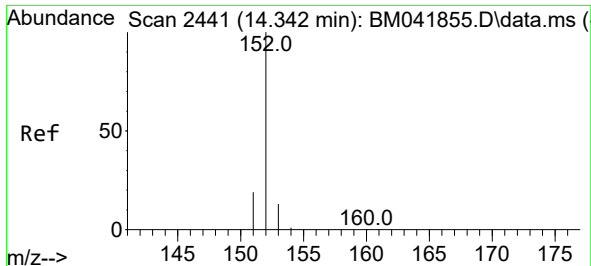
Tgt Ion:142 Resp: 13808
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion:142 Resp: 14043
Ion Ratio Lower Upper
142 100
141 92.5 74.3 111.5

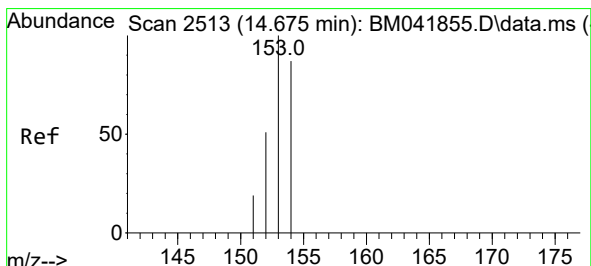
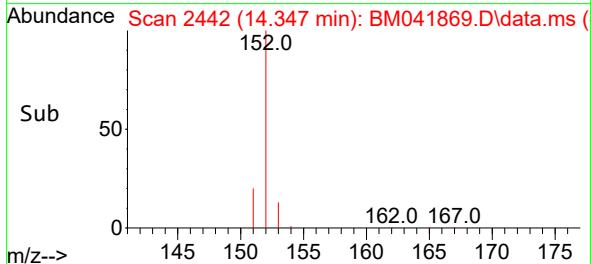
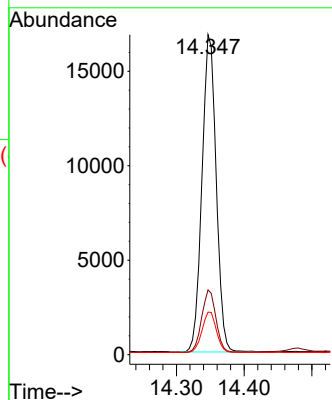
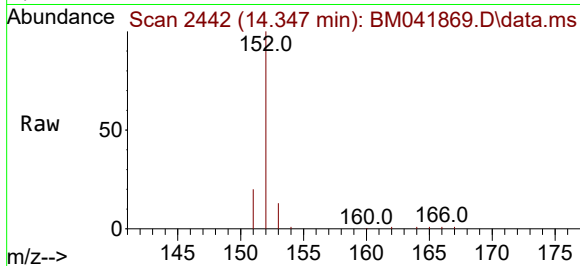




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.347 min Scan# 2441
Delta R.T. 0.004 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

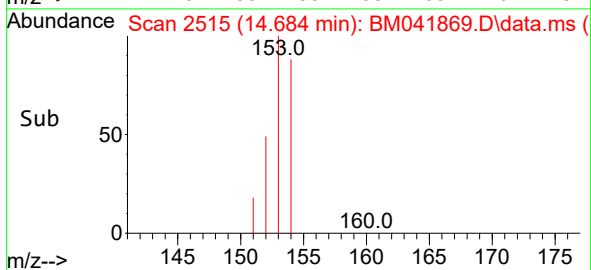
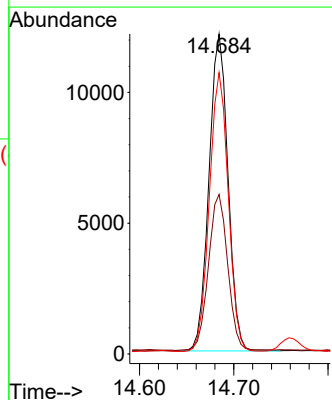
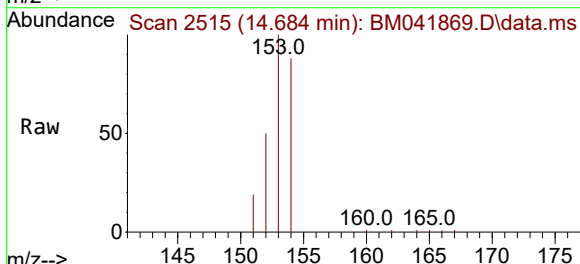
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

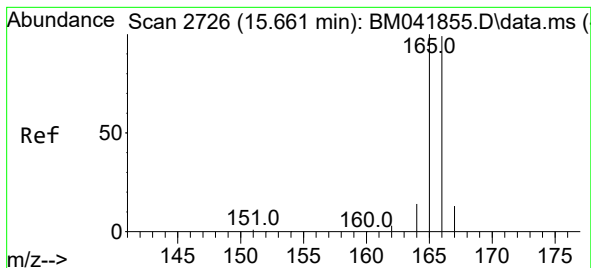
Tgt Ion:152 Resp: 24495
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.3 10.9 16.3



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.684 min Scan# 2515
Delta R.T. 0.004 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion:153 Resp: 16964
Ion Ratio Lower Upper
153 100
152 49.8 41.5 62.3
154 87.9 70.7 106.1





#12

Fluorene

Concen: 0.388 ng/ul

RT: 15.670 min Scan# 21

Delta R.T. 0.004 min

Lab File: BM041869.D

Acq: 14 Sep 2023 18:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.4087

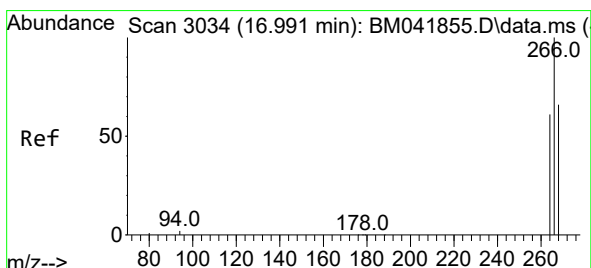
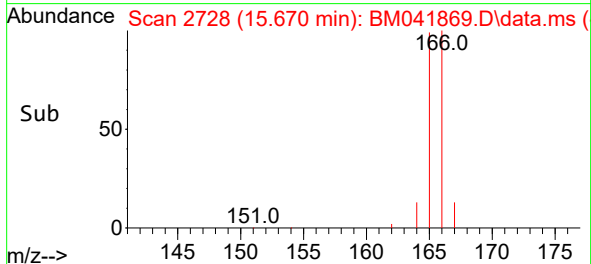
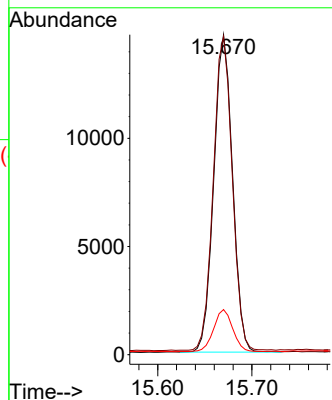
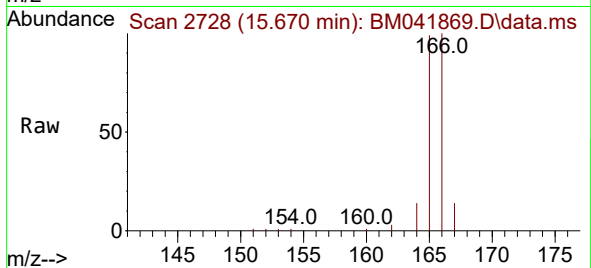
Tgt Ion:166 Resp: 20290

Ion Ratio Lower Upper

166 100

165 99.5 79.3 118.9

167 14.1 11.2 16.8



#14

Pentachlorophenol

Concen: 0.438 ng/ul

RT: 16.999 min Scan# 3036

Delta R.T. 0.008 min

Lab File: BM041869.D

Acq: 14 Sep 2023 18:11

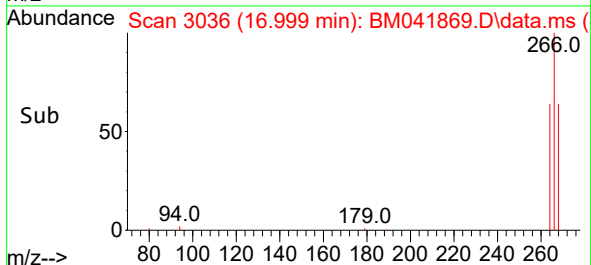
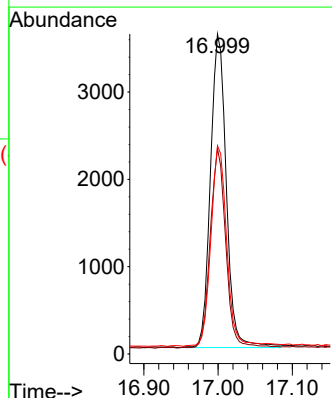
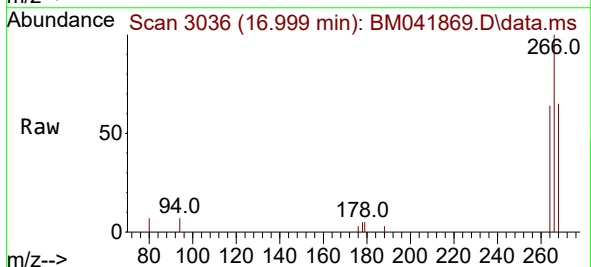
Tgt Ion:266 Resp: 5329

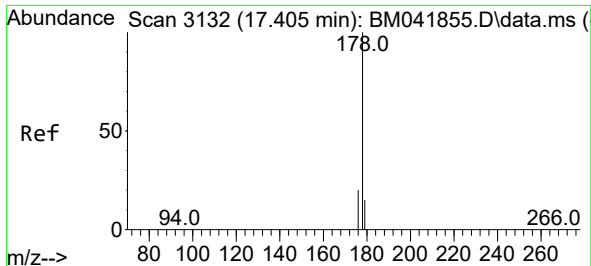
Ion Ratio Lower Upper

266 100

264 62.7 49.4 74.2

268 64.2 50.3 75.5

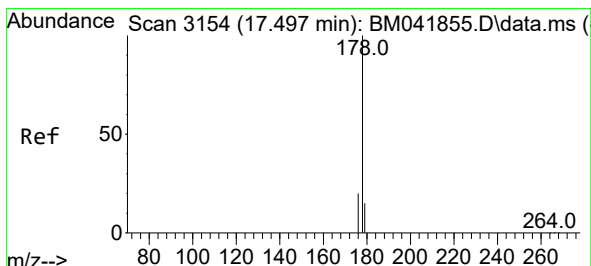
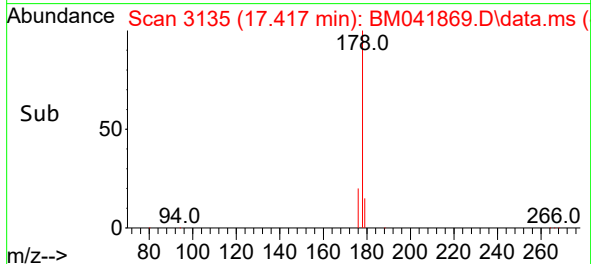
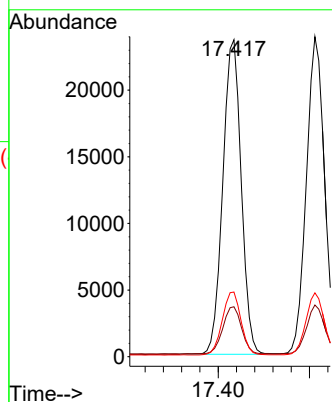
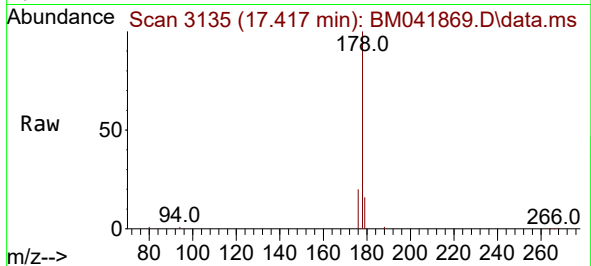




#15
Phenanthrene
Concen: 0.353 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. 0.008 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

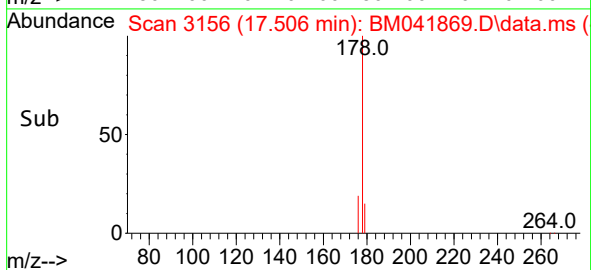
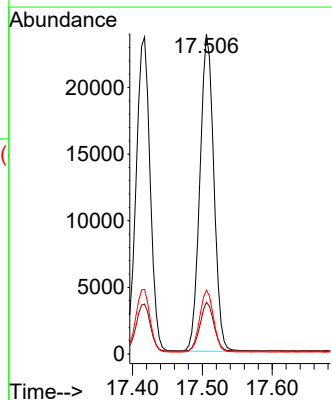
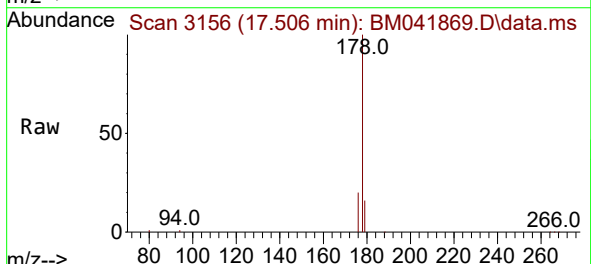
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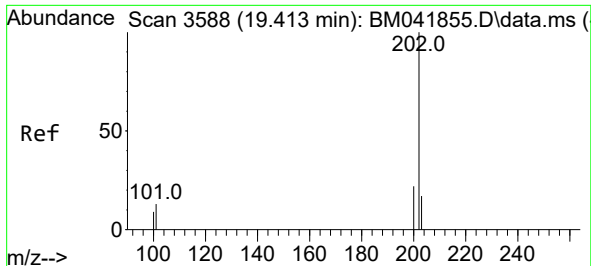
Tgt Ion:	178	Resp:	32923
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	20.4	16.6	25.0



#16
Anthracene
Concen: 0.405 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion:	178	Resp:	32959
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.7	19.1
176	19.9	16.1	24.1

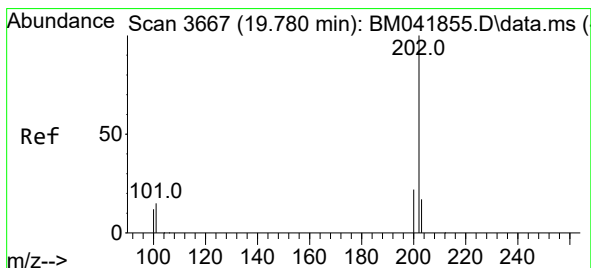
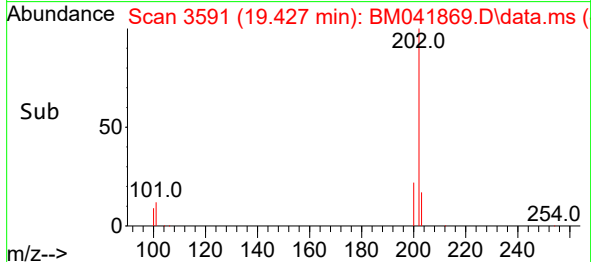
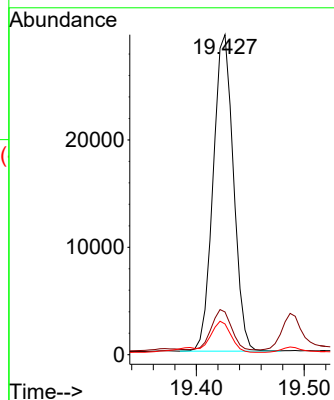
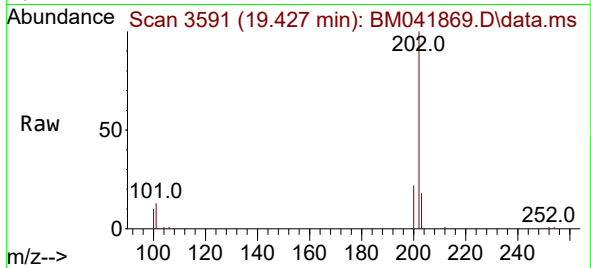




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. 0.009 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

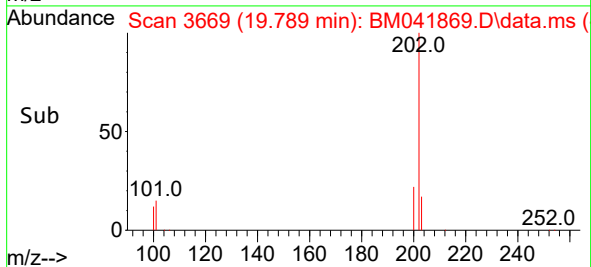
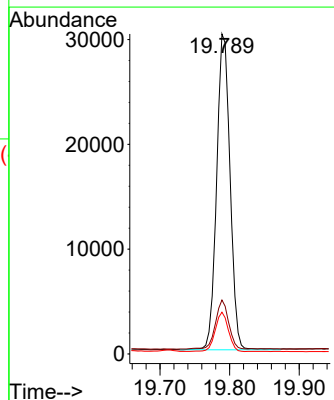
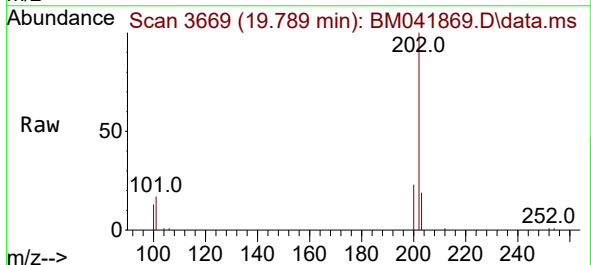
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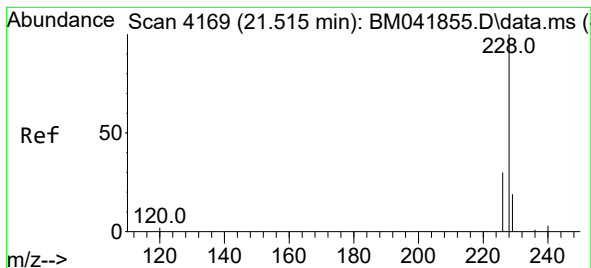
Tgt Ion:202 Resp: 38509
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.6
100 9.6 8.2 12.4



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion:202 Resp: 40524
Ion Ratio Lower Upper
202 100
101 16.9 12.6 19.0
100 13.0 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.362 ng/ul

RT: 21.530 min Scan# 41

Delta R.T. 0.009 min

Lab File: BM041869.D

Acq: 14 Sep 2023 18:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.4087

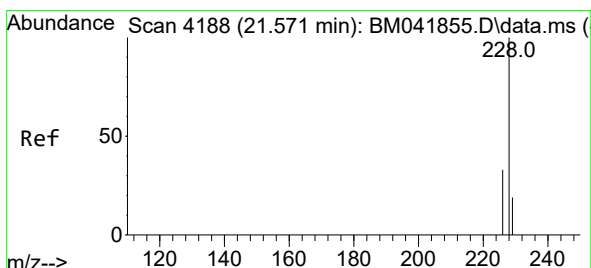
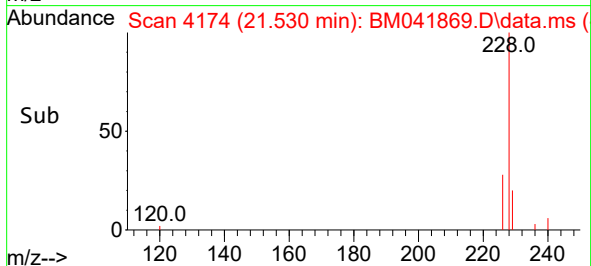
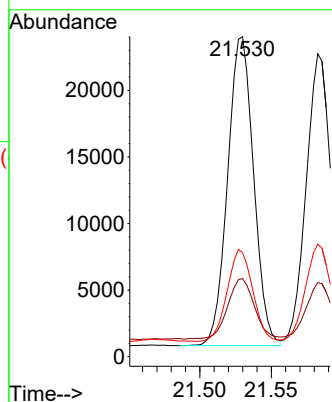
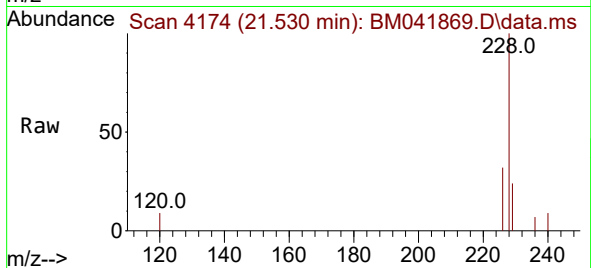
Tgt Ion:228 Resp: 29371

Ion Ratio Lower Upper

228 100

229 24.4 15.8 23.8#

226 32.5 24.3 36.5



#22

Chrysene

Concen: 0.323 ng/ul

RT: 21.582 min Scan# 4192

Delta R.T. 0.006 min

Lab File: BM041869.D

Acq: 14 Sep 2023 18:11

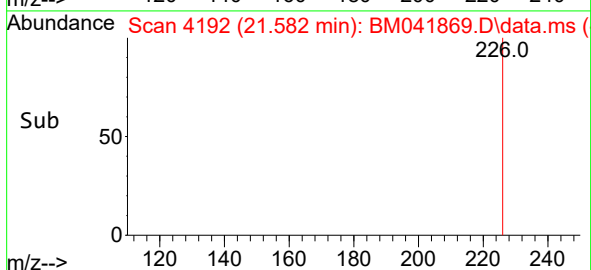
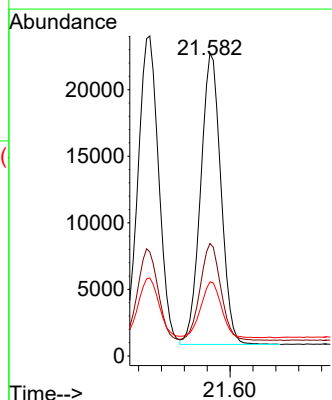
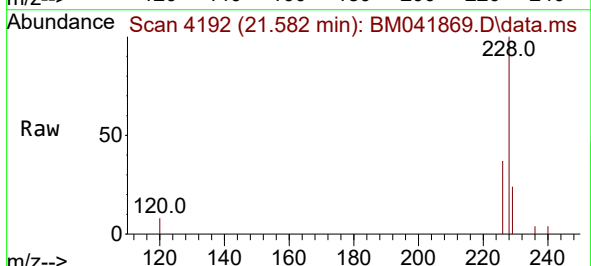
Tgt Ion:228 Resp: 26849

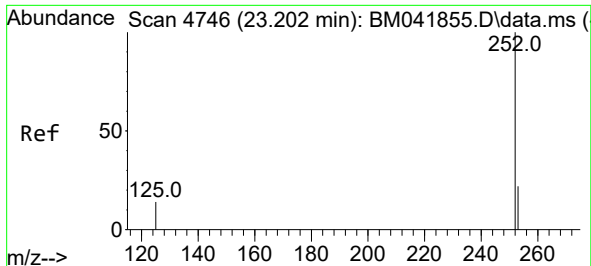
Ion Ratio Lower Upper

228 100

226 37.1 27.0 40.4

229 24.5 15.7 23.5#

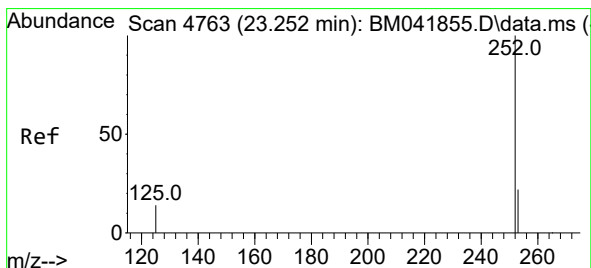
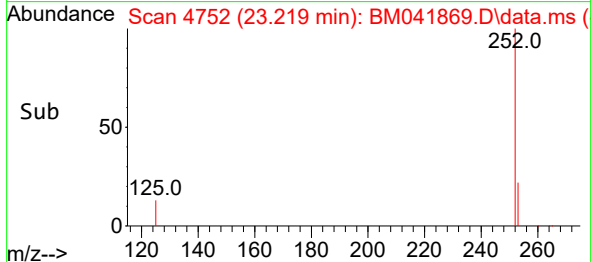
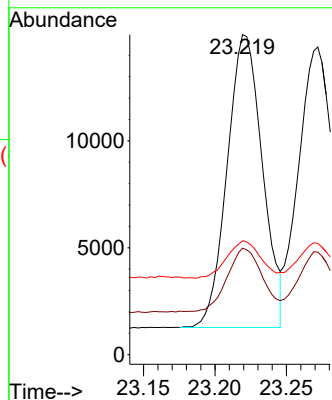
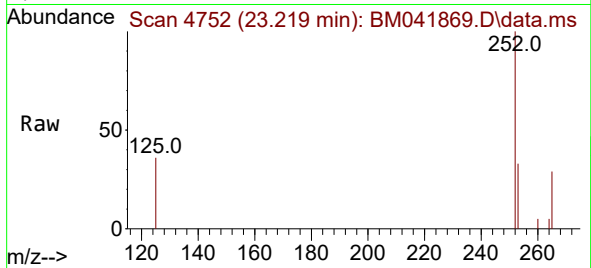




#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. 0.012 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

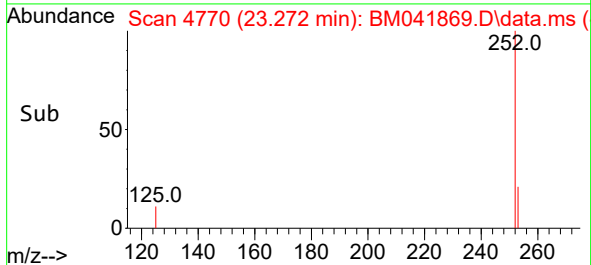
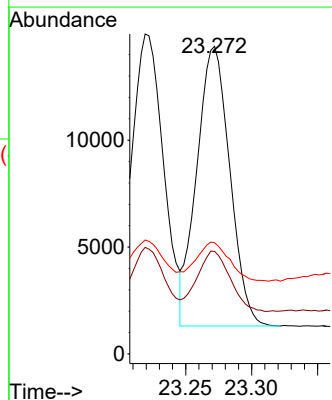
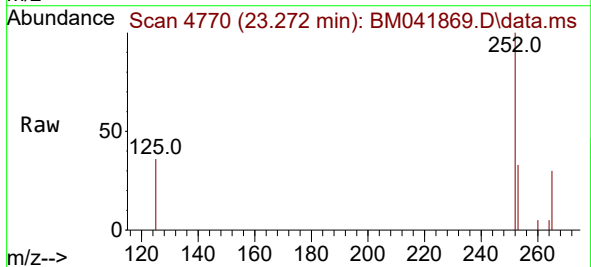
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

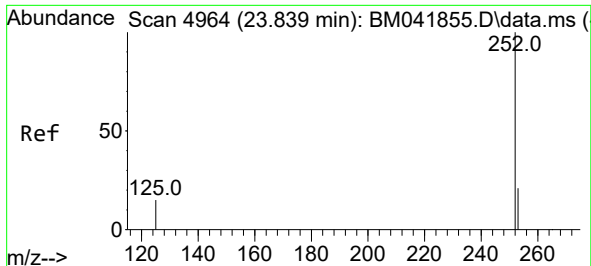
Tgt Ion:252 Resp: 23557
Ion Ratio Lower Upper
252 100
253 33.3 0.0 51.0
125 35.6 0.0 39.8



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. 0.012 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion:252 Resp: 22829
Ion Ratio Lower Upper
252 100
253 33.3 20.2 30.2#
125 36.1 15.8 23.8#

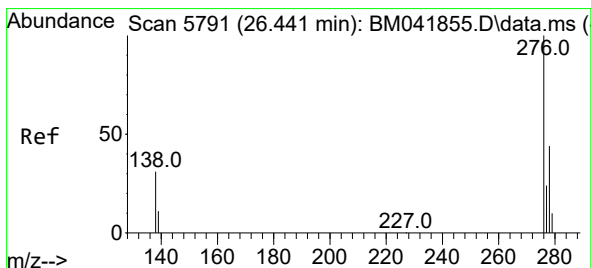
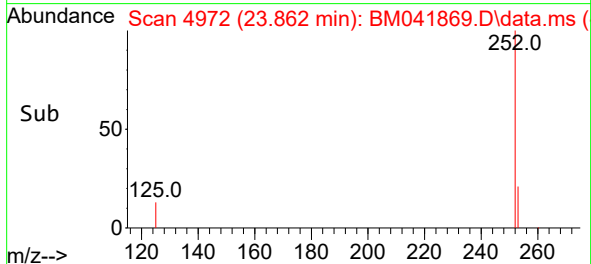
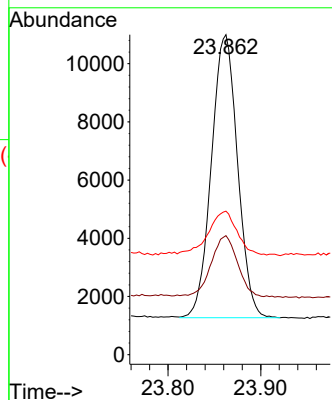
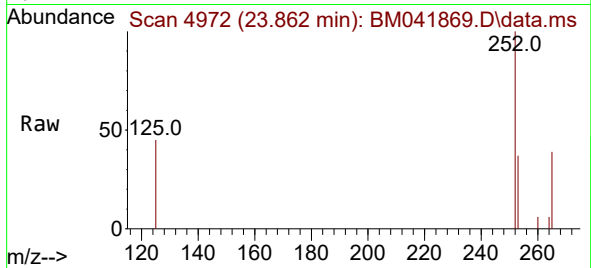




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.862 min Scan# 4964
Delta R.T. 0.017 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

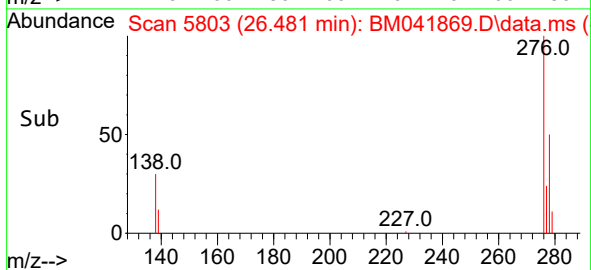
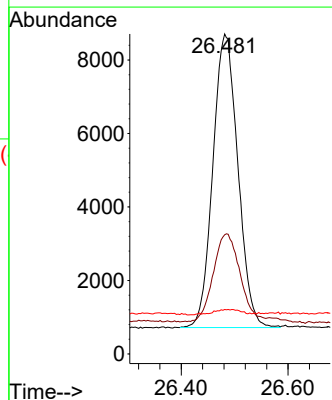
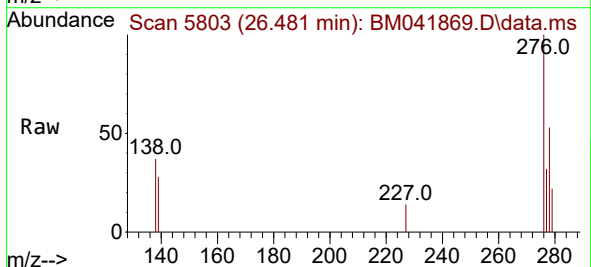
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

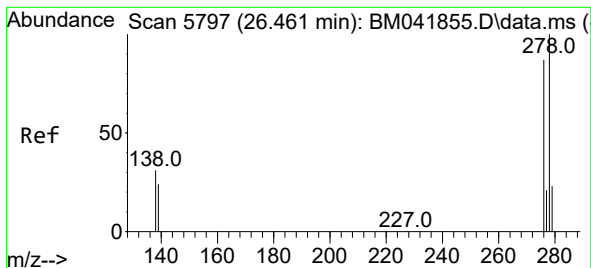
Tgt Ion:252 Resp: 19064
Ion Ratio Lower Upper
252 100
253 37.2 21.8 32.8#
125 44.9 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 26.481 min Scan# 5803
Delta R.T. 0.027 min
Lab File: BM041869.D
Acq: 14 Sep 2023 18:11

Tgt Ion:276 Resp: 26017
Ion Ratio Lower Upper
276 100
138 34.7 27.7 41.5
227 1.6 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.298 ng/ul

RT: 26.501 min Scan# 51

Delta R.T. 0.027 min

Lab File: BM041869.D

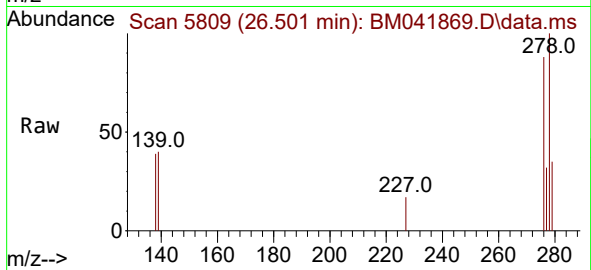
Acq: 14 Sep 2023 18:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.4087



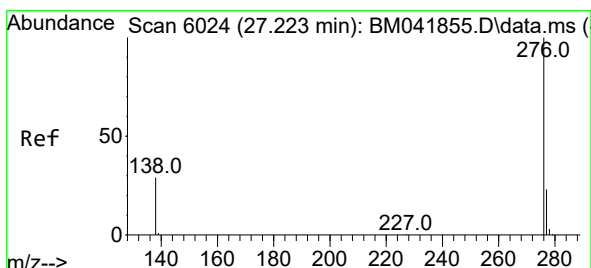
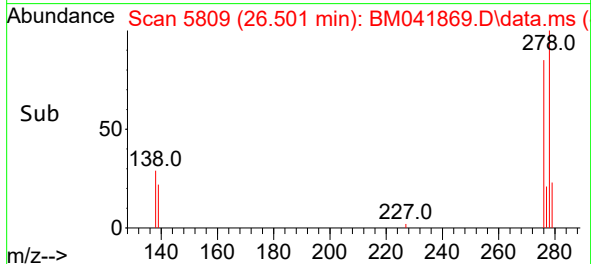
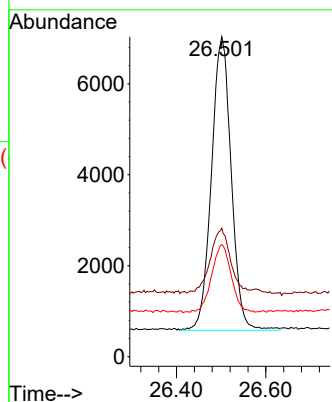
Tgt Ion:278 Resp: 19875

Ion Ratio Lower Upper

278 100

139 40.2 20.9 31.3#

279 35.0 20.3 30.5#



#29

Benzo(g,h,i)perylene

Concen: 0.289 ng/ul

RT: 27.266 min Scan# 6037

Delta R.T. 0.030 min

Lab File: BM041869.D

Acq: 14 Sep 2023 18:11

Tgt Ion:276 Resp: 22054

Ion Ratio Lower Upper

276 100

138 38.5 24.7 37.1#

277 33.4 19.3 28.9#

