

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048891.D
 Acq On : 07 Dec 2024 11:37
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4102

Quant Time: Dec 08 21:46:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

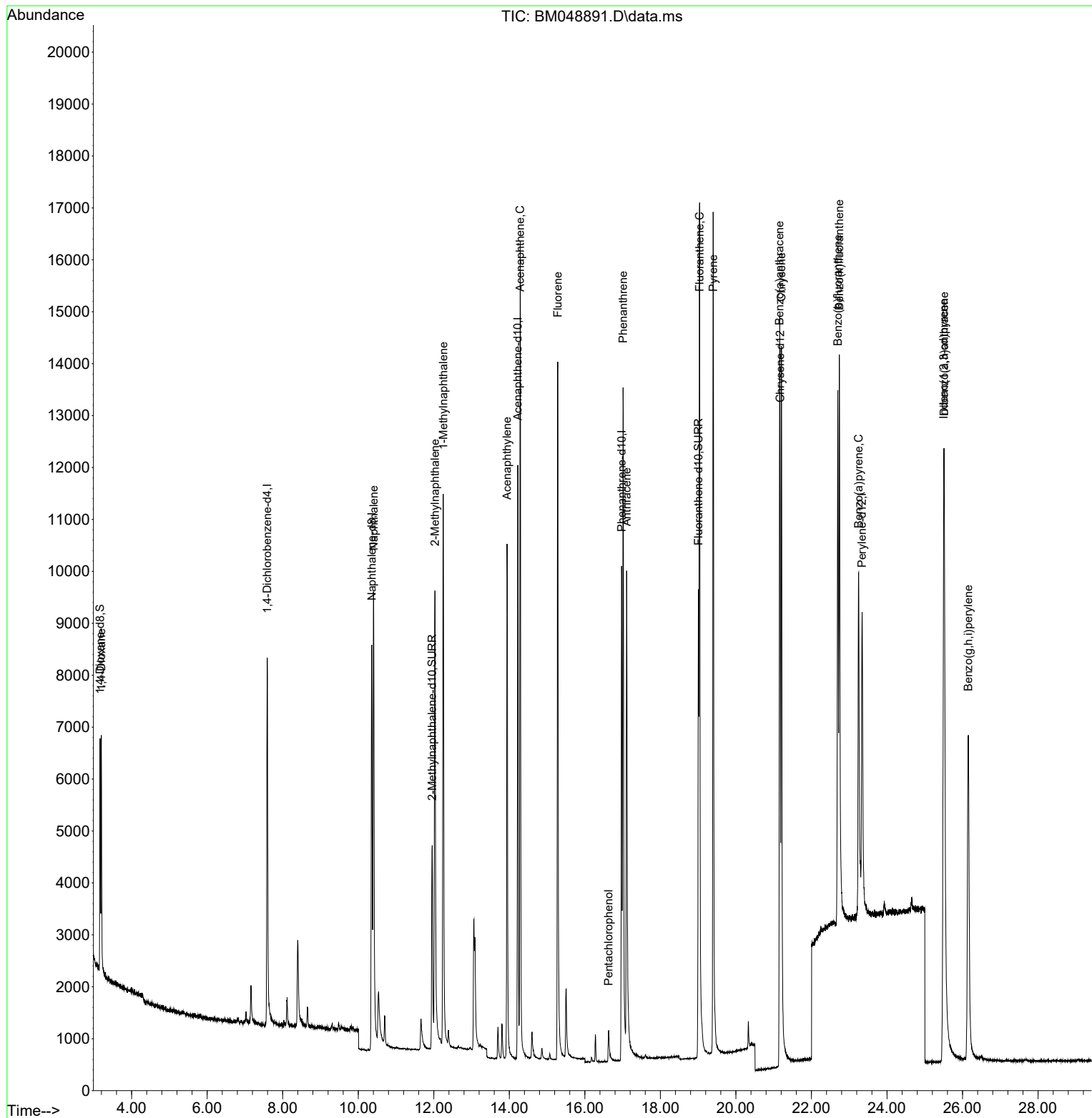
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	4574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.358	136	12367	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	6667	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	13016	0.400	ng/ul	0.00
17) Chrysene-d12	21.170	240	8223	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	8775	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	2514	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	6984	0.469	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	11842	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	3044	0.440	ng/ul	93
5) Naphthalene	10.407	128	14558	0.466	ng/ul	99
7) 2-Methylnaphthalene	12.030	142	8573	0.475	ng/ul	98
8) 1-Methylnaphthalene	12.250	142	8971	0.469	ng/ul	100
10) Acenaphthylene	13.941	152	12652	0.433	ng/ul	99
11) Acenaphthene	14.288	153	9630	0.456	ng/ul	97
12) Fluorene	15.283	166	10418	0.477	ng/ul	97
14) Pentachlorophenol	16.629	266	725	0.644	ng/ul#	17
15) Phenanthrene	17.013	178	15462	0.469	ng/ul	99
16) Anthracene	17.106	178	13523	0.460	ng/ul	97
19) Fluoranthene	19.038	202	16716	0.442	ng/ul	99
20) Pyrene	19.401	202	16964	0.431	ng/ul	98
21) Benzo(a)anthracene	21.155	228	11612	0.500	ng/ul	98
22) Chrysene	21.205	228	15467	0.421	ng/ul	99
24) Benzo(b)fluoranthene	22.698	252	13062	0.530	ng/ul	94
25) Benzo(k)fluoranthene	22.739	252	16373	0.474	ng/ul	96
26) Benzo(a)pyrene	23.250	252	12037	0.476	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.504	276	17841	0.534	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.514	278	13607	0.545	ng/ul	94
29) Benzo(g,h,i)perylene	26.152	276	14408	0.497	ng/ul	95

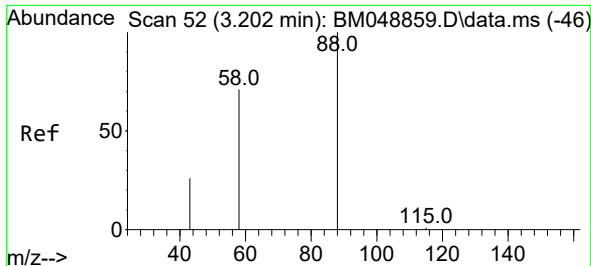
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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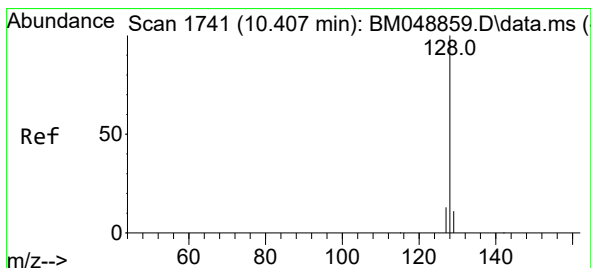
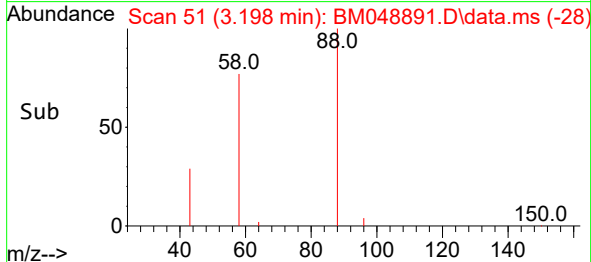
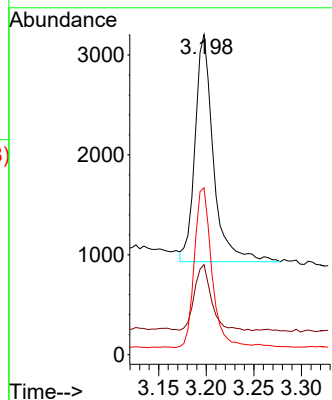
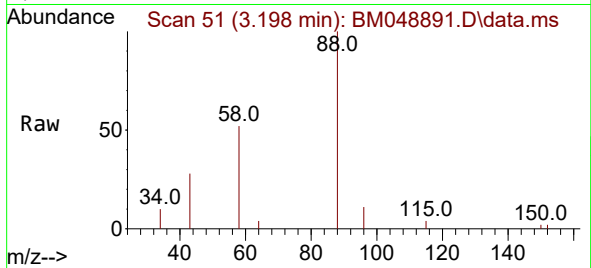




#2
1,4-Dioxane
Concen: 0.440 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

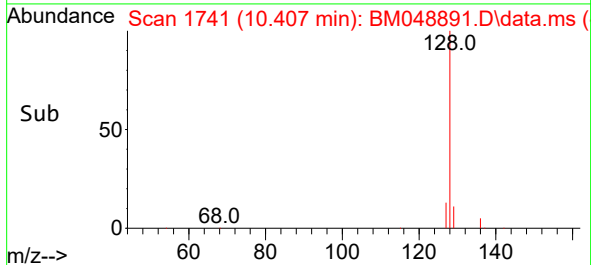
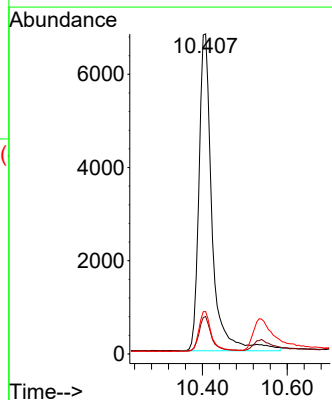
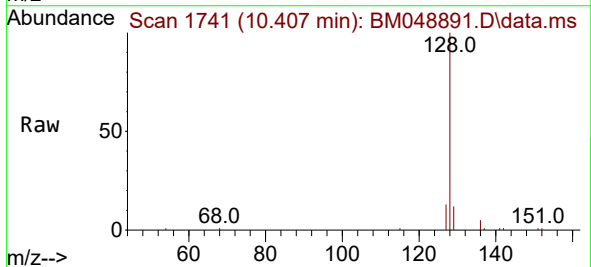
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

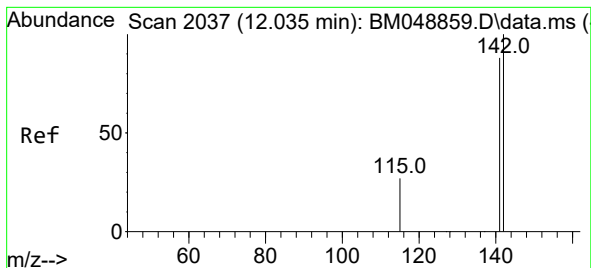
Tgt Ion: 88 Resp: 3044
Ion Ratio Lower Upper
88 100
43 28.2 20.6 30.8
58 52.2 37.6 56.4



#5
Naphthalene
Concen: 0.466 ng/ul
RT: 10.407 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion: 128 Resp: 14558
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.3 10.7 16.1

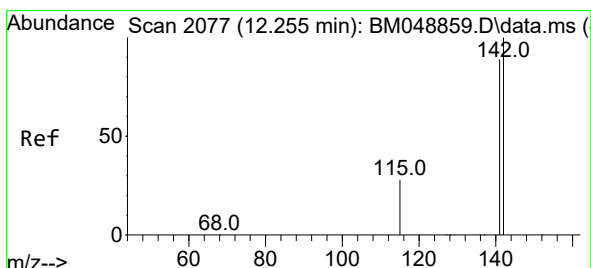
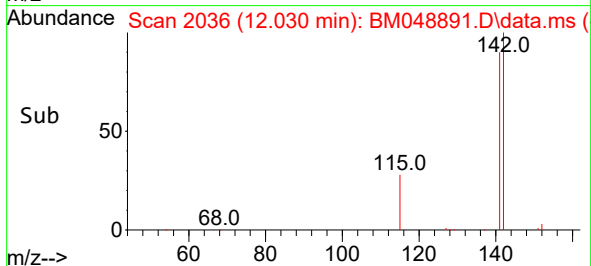
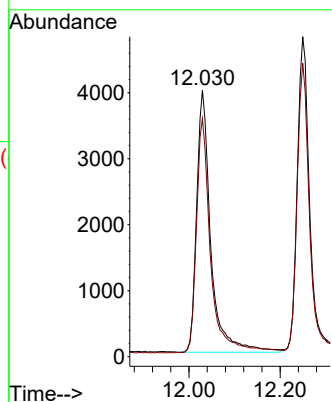
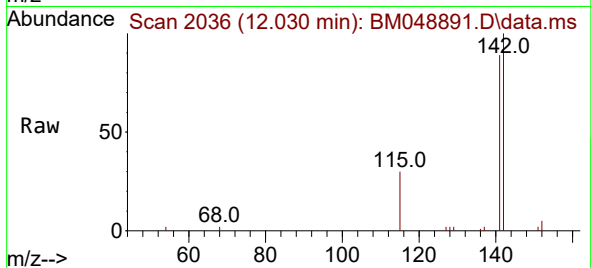




#7
2-Methylnaphthalene
Concen: 0.475 ng/ul
RT: 12.030 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

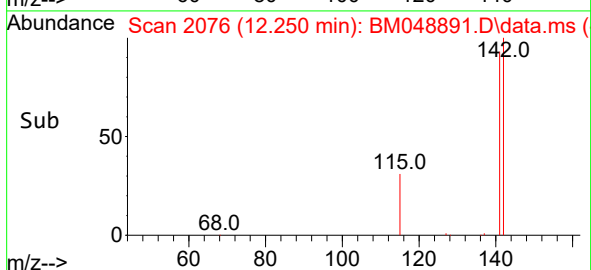
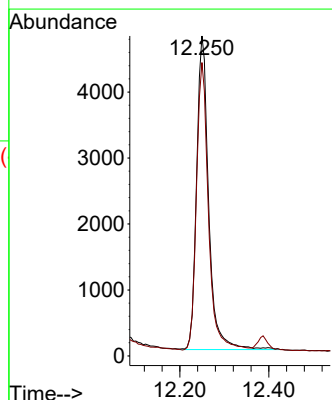
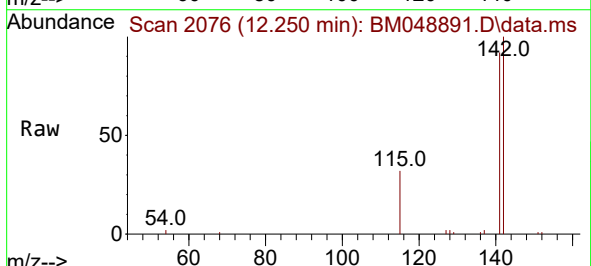
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

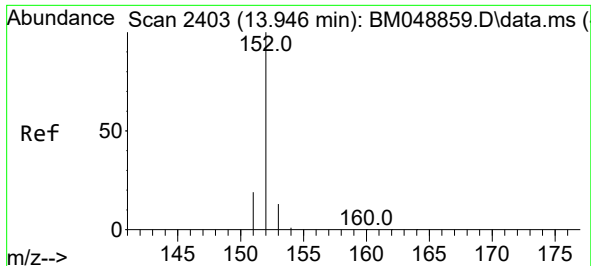
Tgt Ion:142 Resp: 8573
Ion Ratio Lower Upper
142 100
141 89.8 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.250 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion:142 Resp: 8971
Ion Ratio Lower Upper
142 100
141 90.8 72.5 108.7

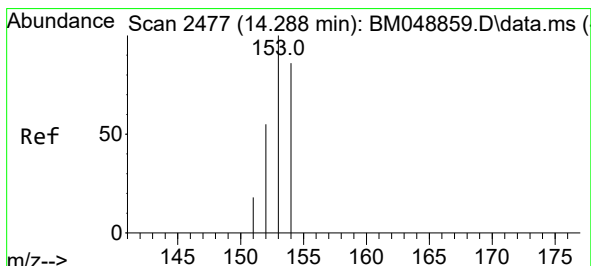
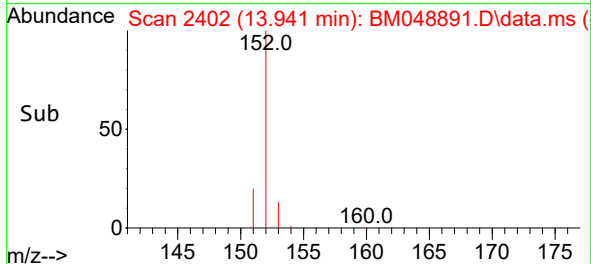
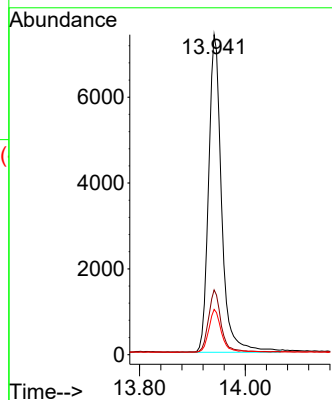
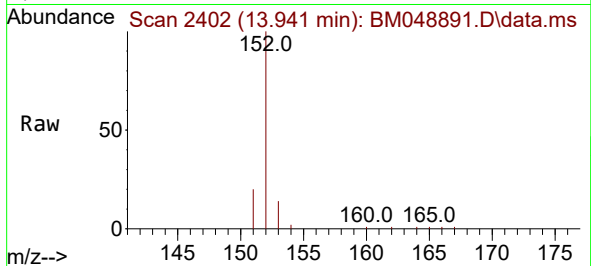




#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 13.941 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

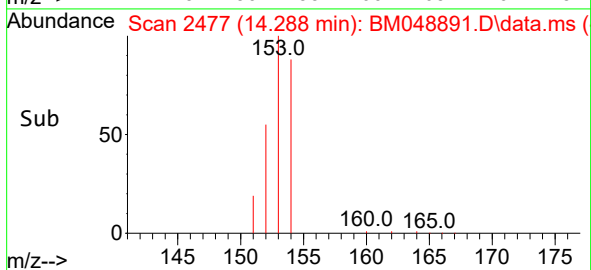
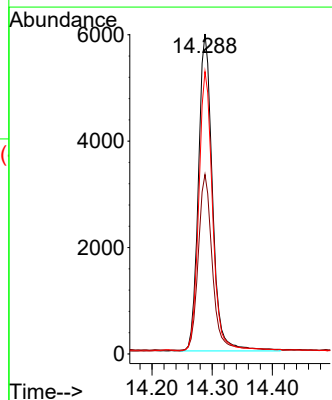
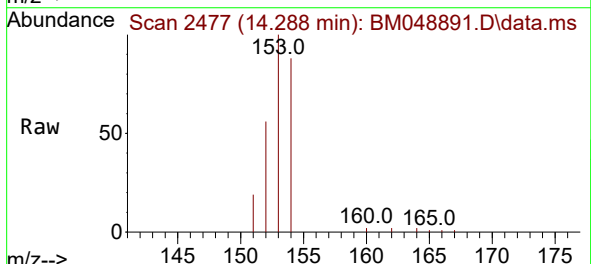
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

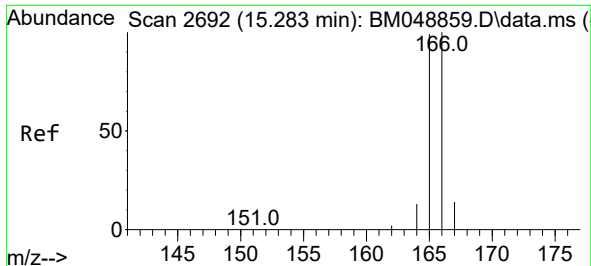
Tgt Ion:152 Resp: 12652
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.2 11.7 17.5



#11
Acenaphthene
Concen: 0.456 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion:153 Resp: 9630
Ion Ratio Lower Upper
153 100
152 56.1 46.5 69.7
154 88.3 68.7 103.1

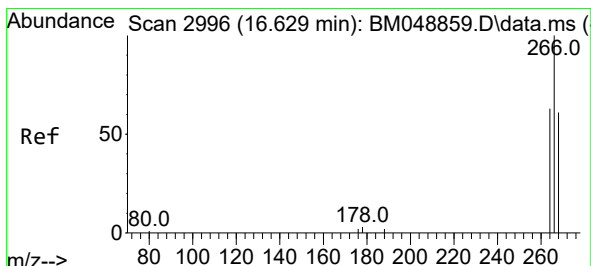
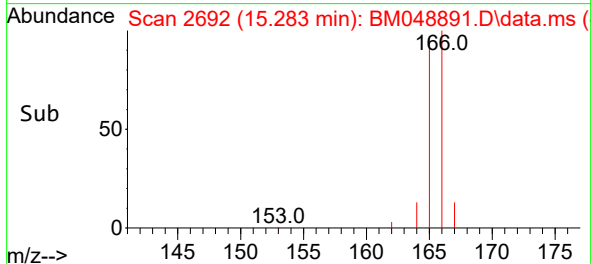
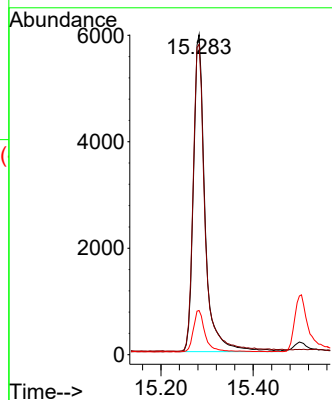
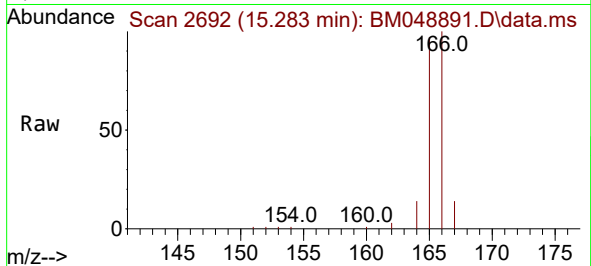




#12
Fluorene
Concen: 0.477 ng/ul
RT: 15.283 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

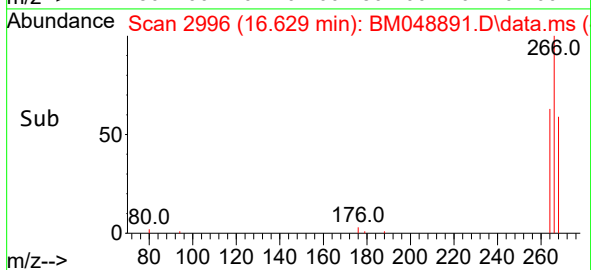
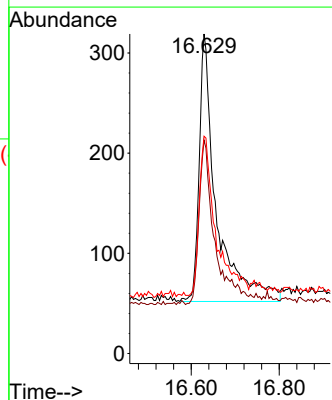
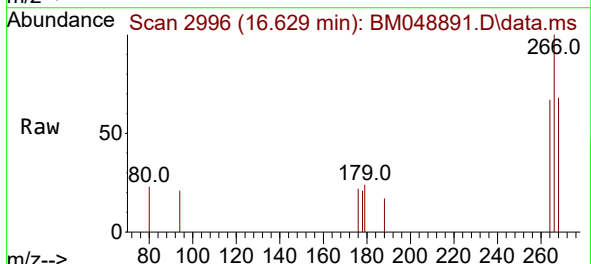
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

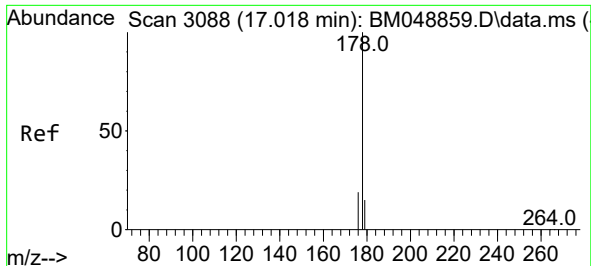
Tgt Ion:	166	Resp:	10418
Ion Ratio	Lower	Upper	
166	100		
165	96.9	79.8	119.6
167	13.8	12.2	18.2



#14
Pentachlorophenol
Concen: 0.644 ng/ul
RT: 16.629 min Scan# 2996
Delta R.T. -0.004 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion:	266	Resp:	725
Ion Ratio	Lower	Upper	
266	100		
264	56.6	15.3	22.9#
268	57.7	0.0	0.0#

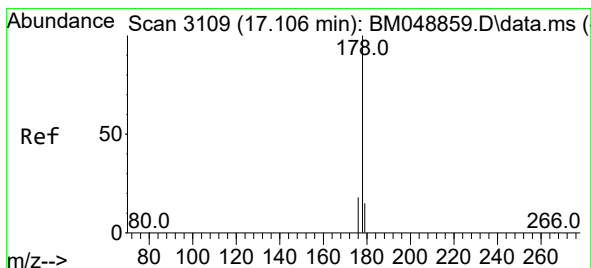
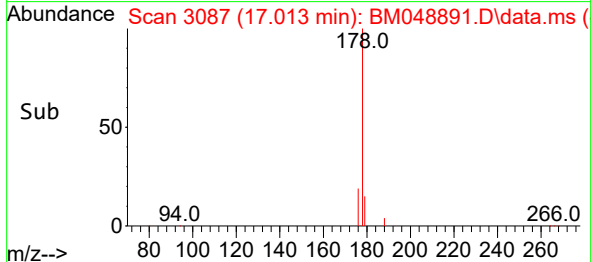
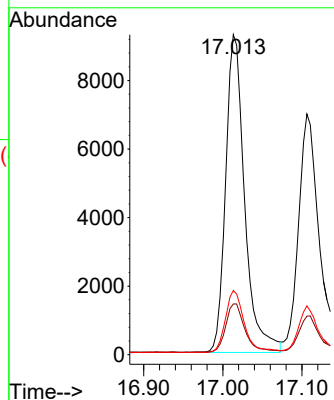
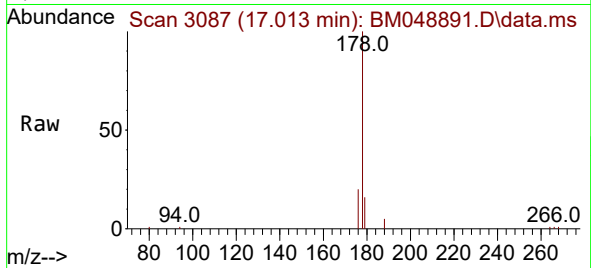




#15
Phenanthrene
Concen: 0.469 ng/ul
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

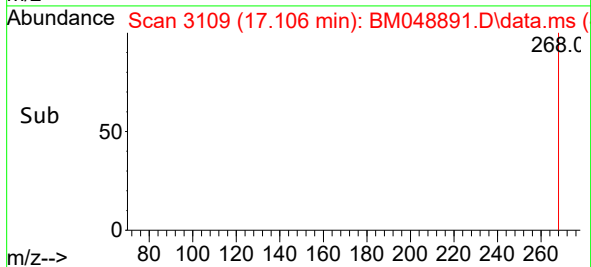
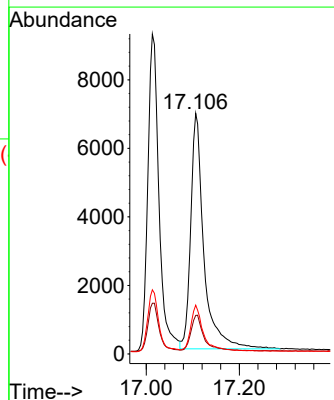
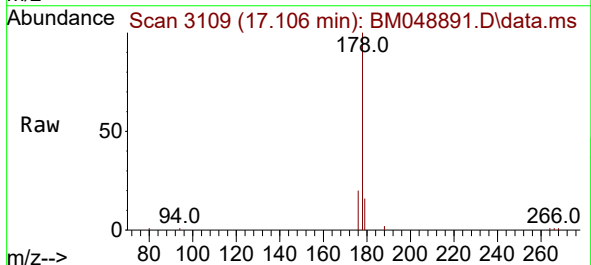
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

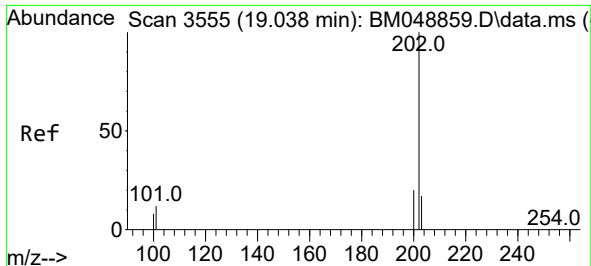
Tgt Ion:178 Resp: 15462
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.0
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.460 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion:178 Resp: 13523
Ion Ratio Lower Upper
178 100
179 16.0 14.0 21.0
176 20.3 17.0 25.4

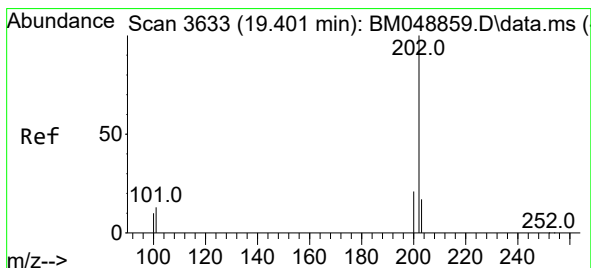
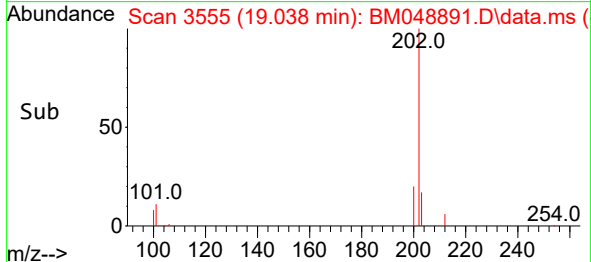
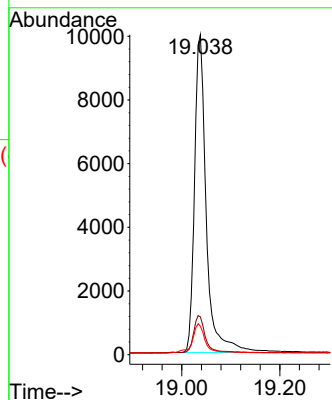
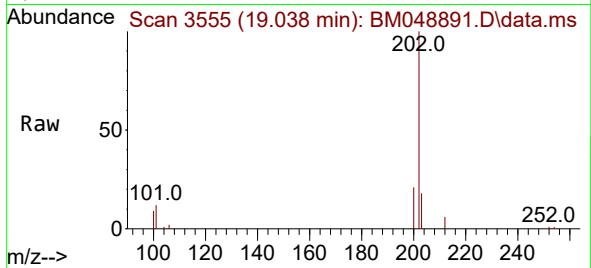




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.038 min Scan# 3555
Delta R.T. -0.005 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

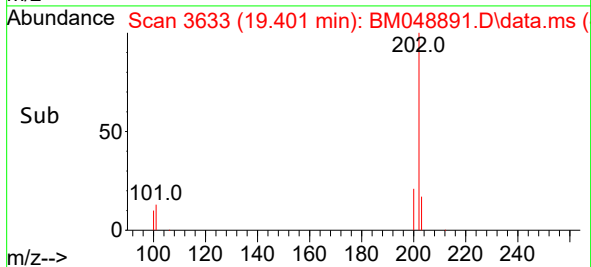
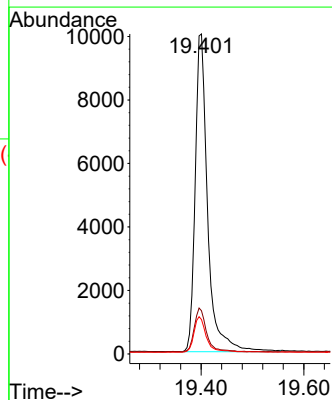
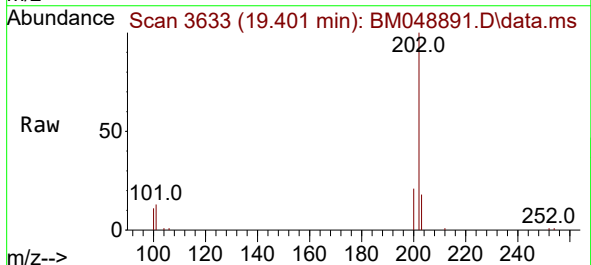
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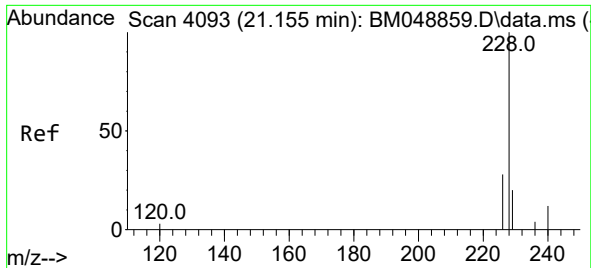
Tgt Ion:202 Resp: 16716
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.9 7.5 11.3



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.401 min Scan# 3633
Delta R.T. -0.000 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion:202 Resp: 16964
Ion Ratio Lower Upper
202 100
101 13.5 11.6 17.4
100 10.8 9.4 14.0

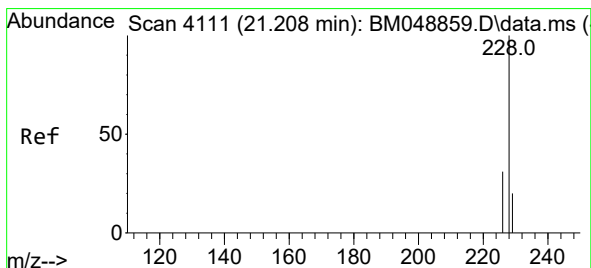
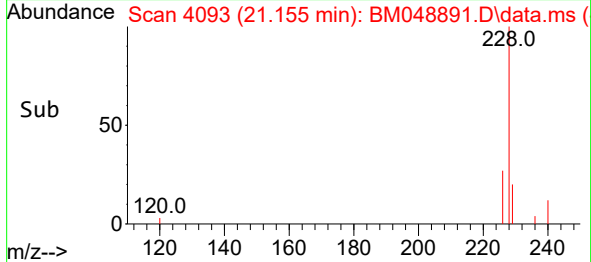
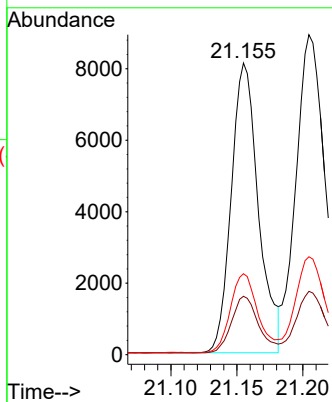
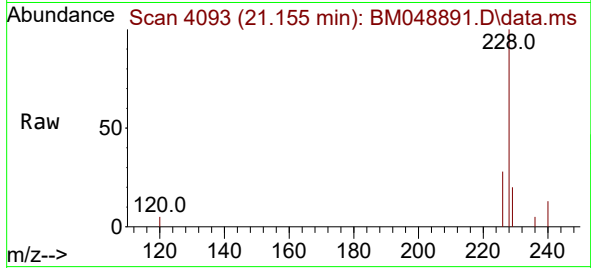




#21
Benzo(a)anthracene
Concen: 0.500 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

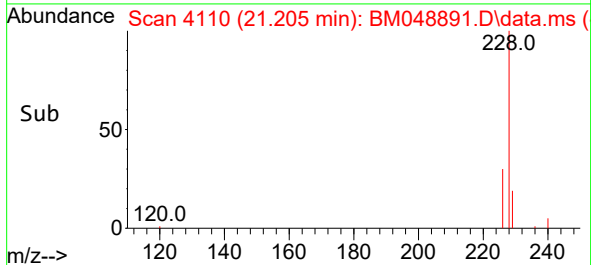
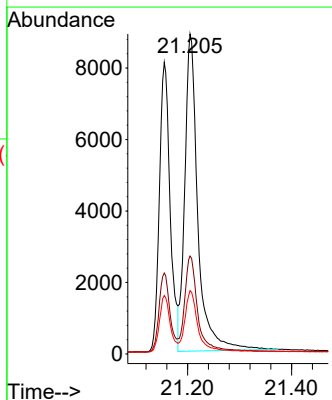
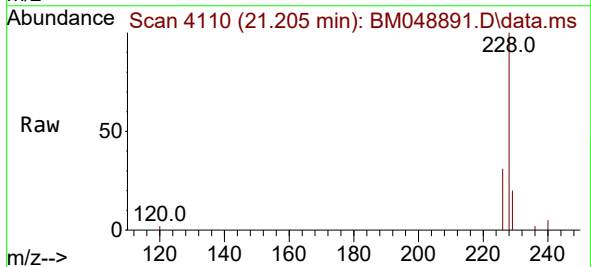
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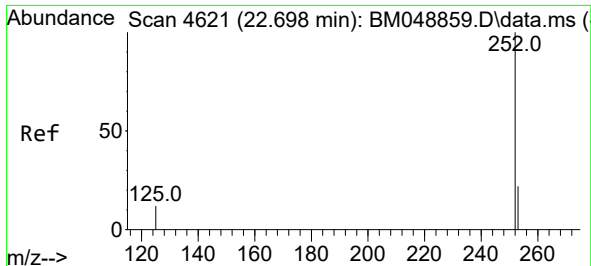
Tgt Ion:228 Resp: 11612
Ion Ratio Lower Upper
228 100
229 20.0 17.0 25.6
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.205 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

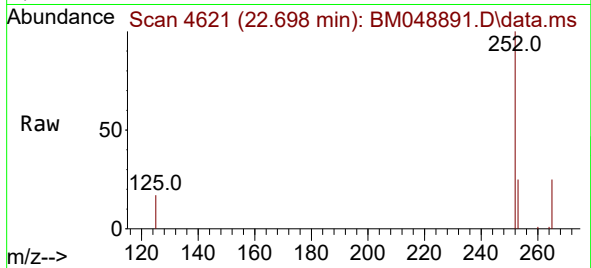
Tgt Ion:228 Resp: 15467
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.8 16.1 24.1



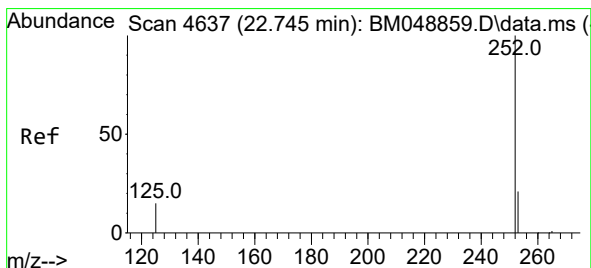
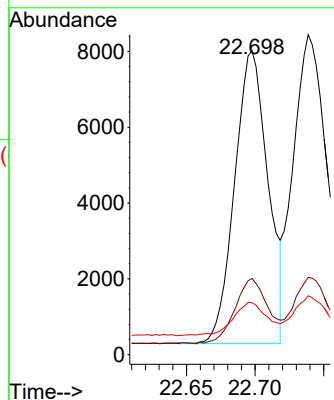


#24
Benzo(b)fluoranthene
Concen: 0.530 ng/ul
RT: 22.698 min Scan# 4621
Delta R.T. -0.003 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

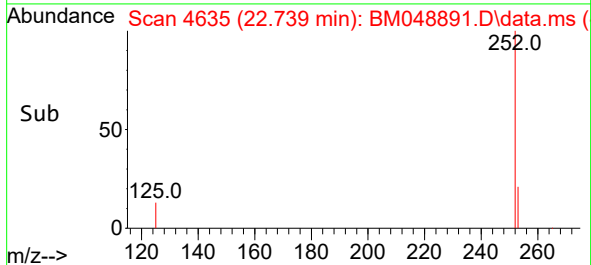
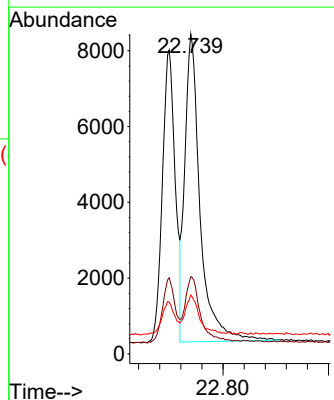
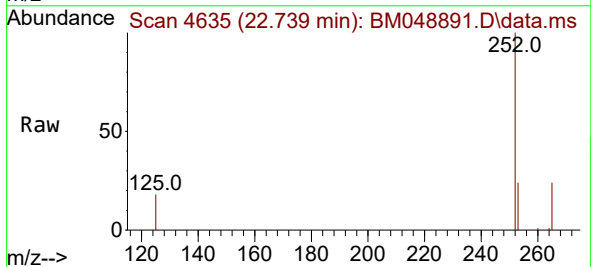


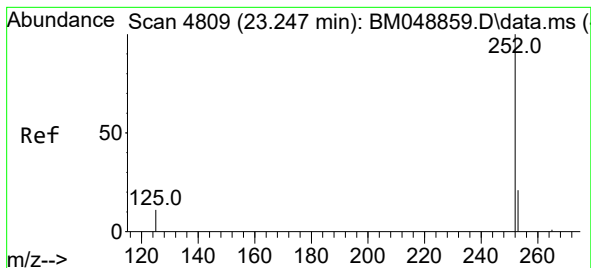
Tgt Ion:252 Resp: 13062
Ion Ratio Lower Upper
252 100
253 25.0 0.0 54.2
125 17.1 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.474 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BM048891.D
Acq: 07 Dec 2024 11:37

Tgt Ion:252 Resp: 16373
Ion Ratio Lower Upper
252 100
253 24.2 20.8 31.2
125 18.4 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.476 ng/ul

RT: 23.250 min Scan# 4809

Delta R.T. -0.003 min

Lab File: BM048891.D

Acq: 07 Dec 2024 11:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.4102

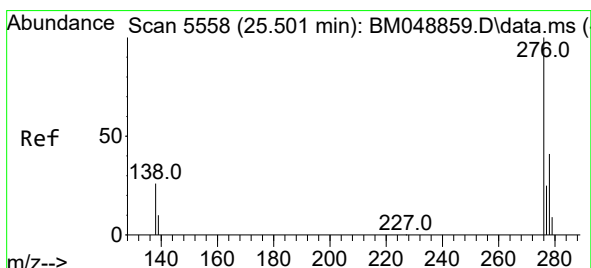
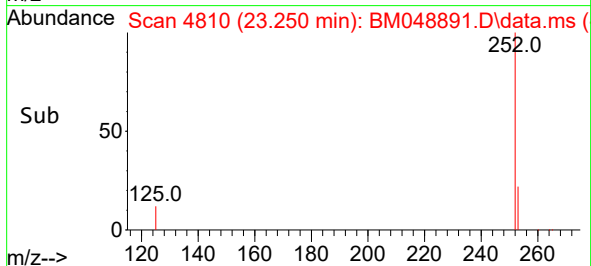
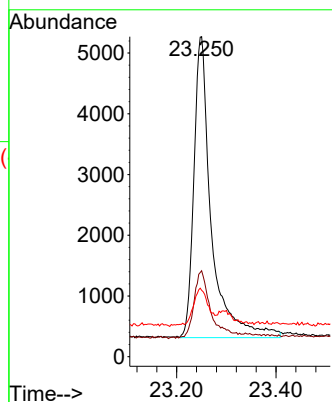
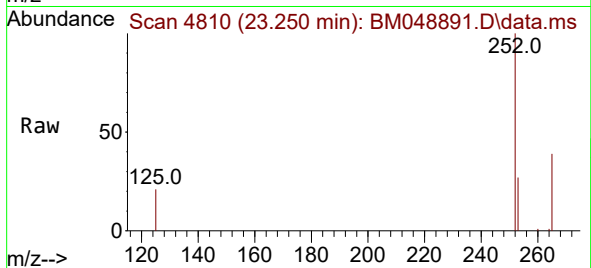
Tgt Ion:252 Resp: 12037

Ion Ratio Lower Upper

252 100

253 26.9 22.5 33.7

125 20.7 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.534 ng/ul

RT: 25.504 min Scan# 5559

Delta R.T. -0.003 min

Lab File: BM048891.D

Acq: 07 Dec 2024 11:37

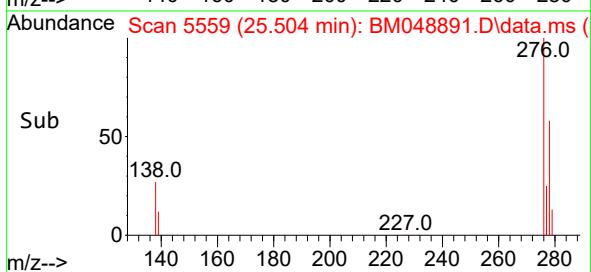
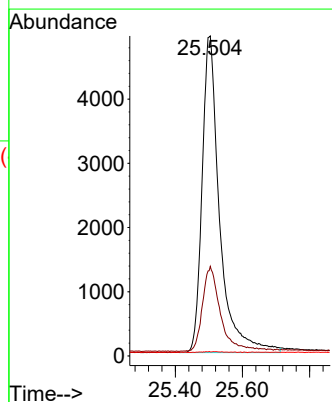
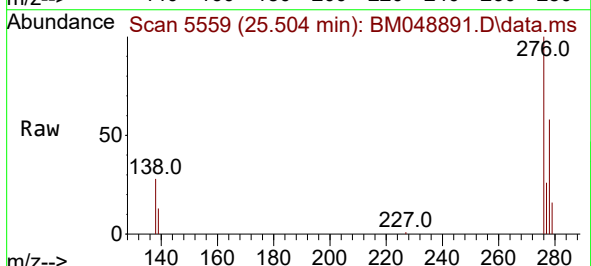
Tgt Ion:276 Resp: 17841

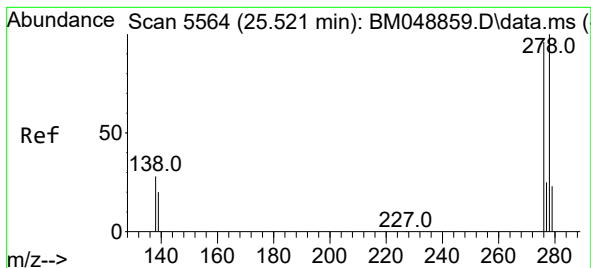
Ion Ratio Lower Upper

276 100

138 27.6 23.3 34.9

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.545 ng/ul

RT: 25.514 min Scan# 51

Delta R.T. -0.013 min

Lab File: BM048891.D

Acq: 07 Dec 2024 11:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.4102

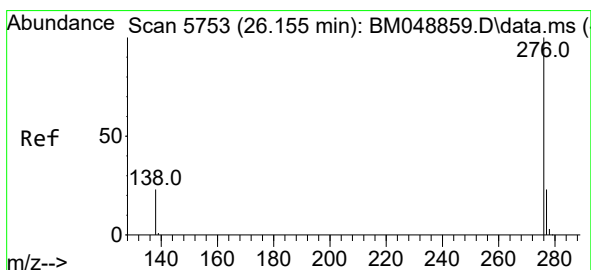
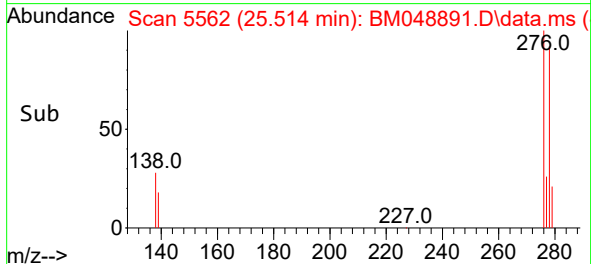
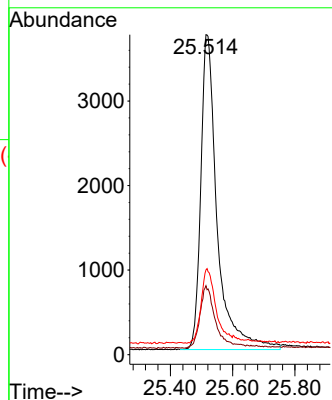
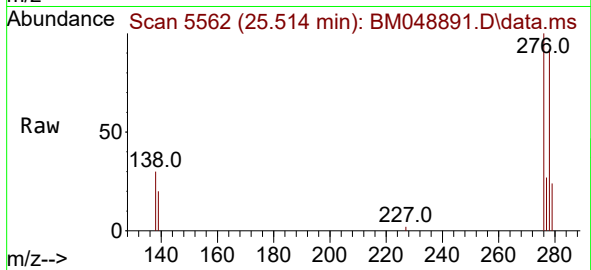
Tgt Ion:278 Resp: 13607

Ion Ratio Lower Upper

278 100

139 21.5 18.6 27.8

279 26.5 24.7 37.1



#29

Benzo(g,h,i)perylene

Concen: 0.497 ng/ul

RT: 26.152 min Scan# 5752

Delta R.T. -0.010 min

Lab File: BM048891.D

Acq: 07 Dec 2024 11:37

Tgt Ion:276 Resp: 14408

Ion Ratio Lower Upper

276 100

138 24.8 22.2 33.2

277 25.2 21.8 32.6

