

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041792.D
 Acq On : 11 Sep 2023 23:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4081

Quant Time: Sep 12 04:28:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

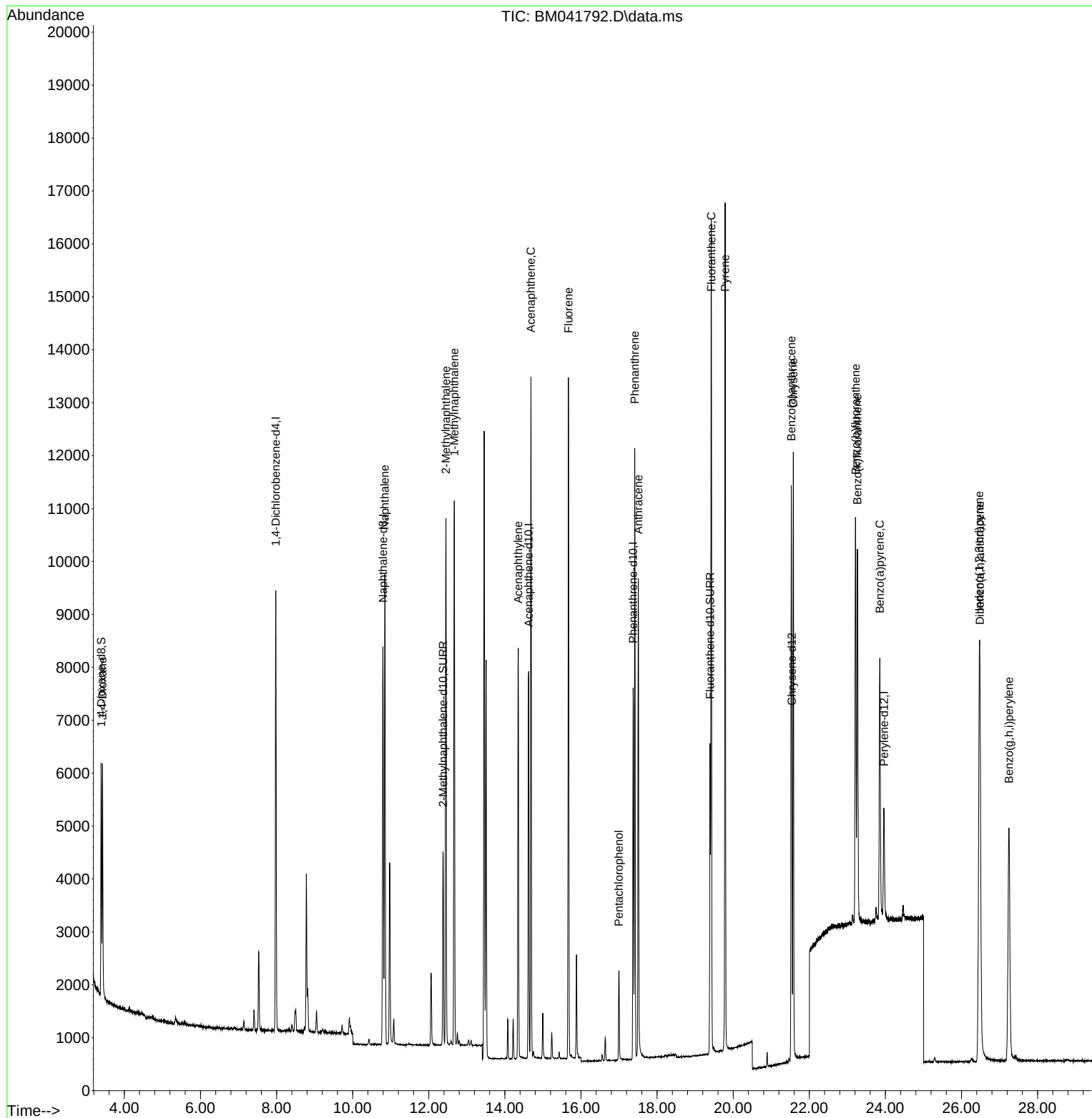
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4110	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.796	136	9383	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	3671	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	6944	0.400	ng/ul	-0.01
17) Chrysene-d12	21.542	240	2816	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	2904	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2432	0.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	4470	0.370	ng/ul	-0.01
18) Fluoranthene-d10	19.394	212	4982	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	2487	0.381	ng/ul	100
5) Naphthalene	10.845	128	11952	0.388	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	6750	0.386	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	6759	0.385	ng/ul	99
10) Acenaphthylene	14.351	152	8788	0.387	ng/ul	99
11) Acenaphthene	14.685	153	7108	0.403	ng/ul	99
12) Fluorene	15.670	166	7681	0.388	ng/ul	98
14) Pentachlorophenol	16.995	266	1113	0.401	ng/ul	100
15) Phenanthrene	17.413	178	11820	0.403	ng/ul	100
16) Anthracene	17.506	178	10000	0.398	ng/ul	99
19) Fluoranthene	19.422	202	12658	0.381	ng/ul	96
20) Pyrene	19.789	202	12859	0.390	ng/ul	96
21) Benzo(a)anthracene	21.527	228	8727	0.380	ng/ul	100
22) Chrysene	21.580	228	9537	0.385	ng/ul	99
24) Benzo(b)fluoranthene	23.216	252	9955	0.383	ng/ul	97
25) Benzo(k)fluoranthene	23.266	252	9386	0.369	ng/ul	97
26) Benzo(a)pyrene	23.854	252	7861	0.372	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.468	276	11157	0.385	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.485	278	7976	0.393	ng/ul	96
29) Benzo(g,h,i)perylene	27.246	276	9873	0.385	ng/ul	95

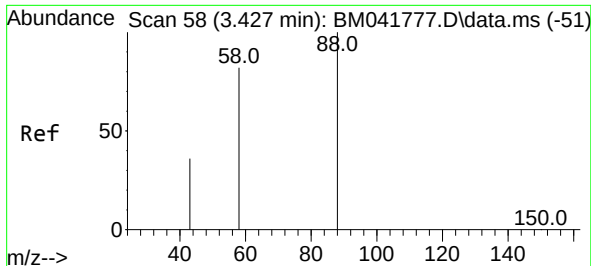
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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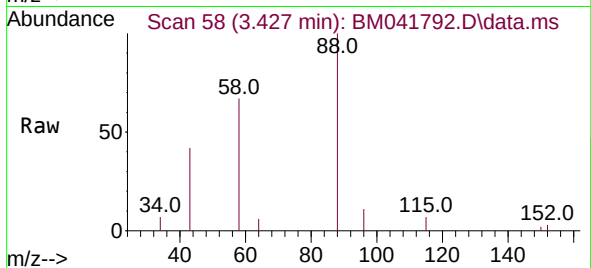
Quant Time: Sep 12 04:28:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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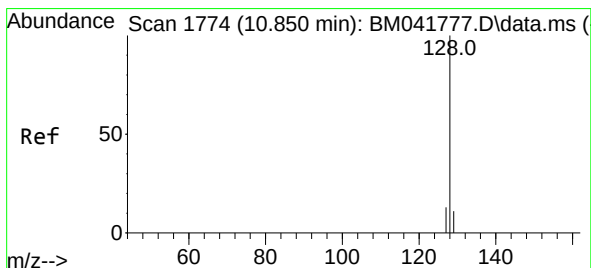
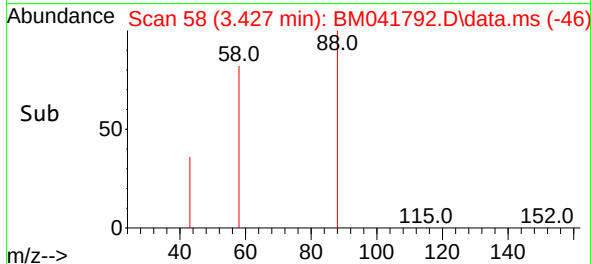
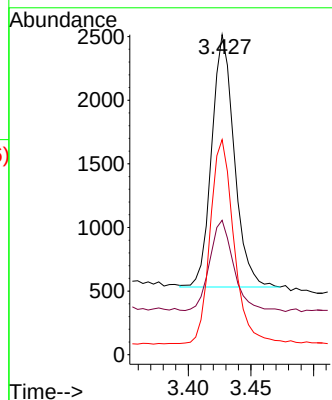
#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.427 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4081



Tgt Ion: 88 Resp: 2487

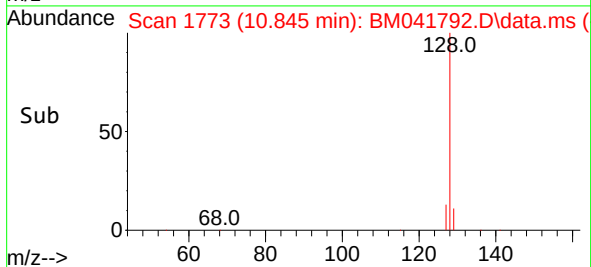
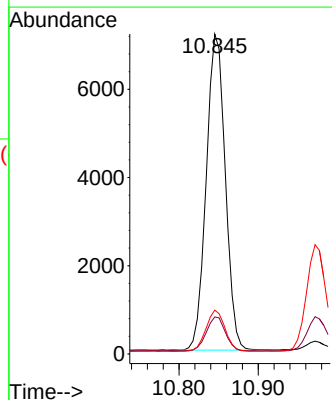
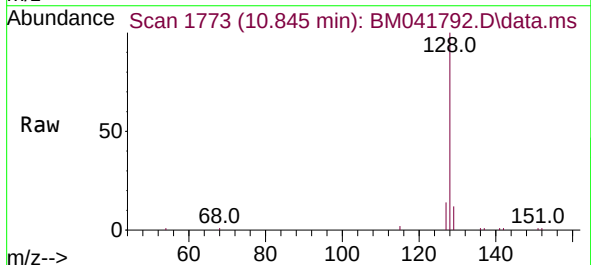
Ion	Ratio	Lower	Upper
88	100		
43	42.0	33.8	50.6
58	67.2	54.2	81.2

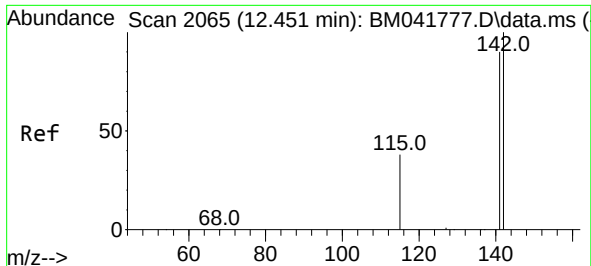


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion: 128 Resp: 11952

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.7	11.0	16.6

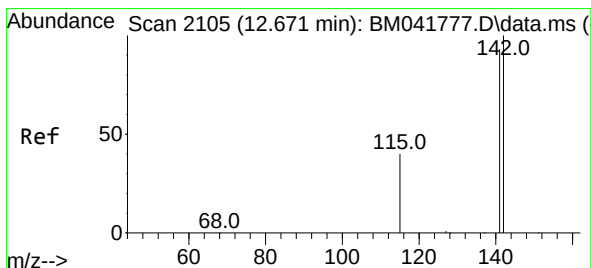
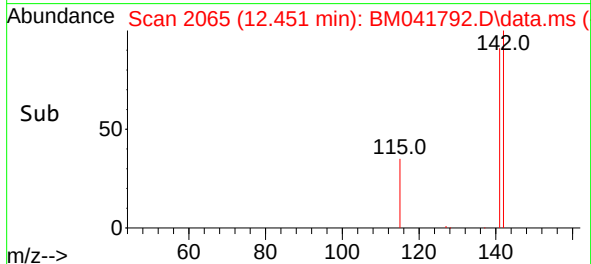
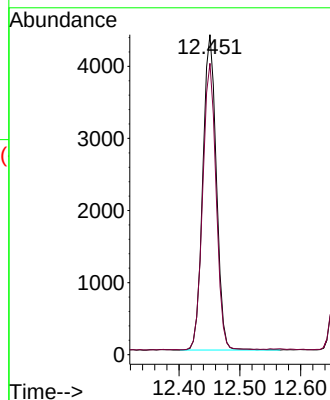
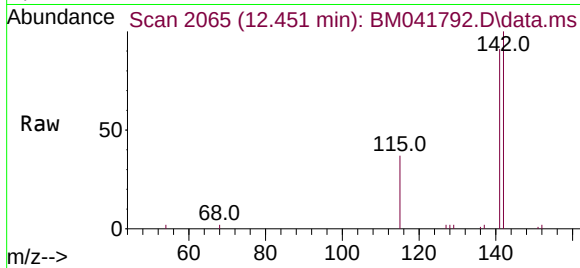




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.011 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

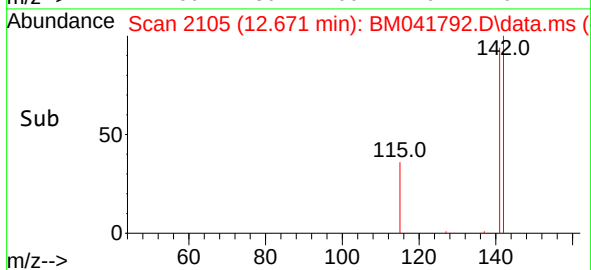
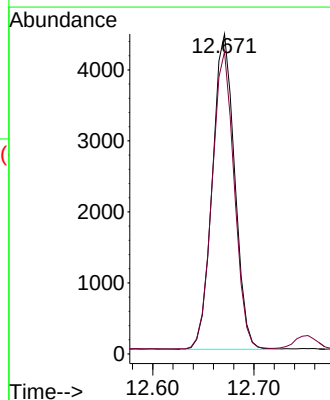
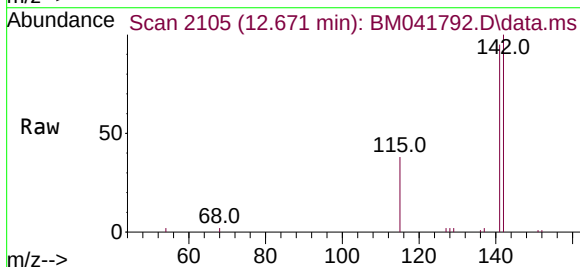
Instrument :
BNA_M
ClientSampleId :
SSTD0.4081

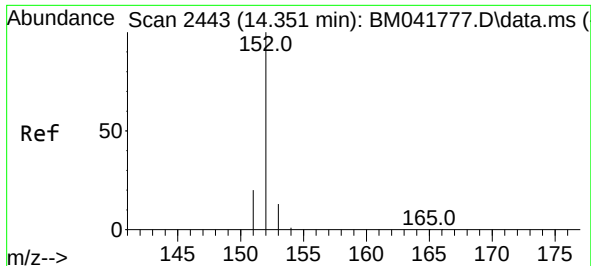
Tgt Ion:142 Resp: 6750
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:142 Resp: 6759
Ion Ratio Lower Upper
142 100
141 94.1 74.4 111.6

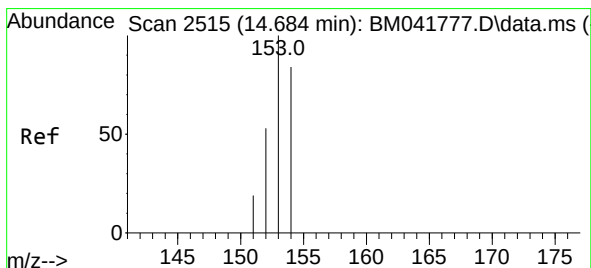
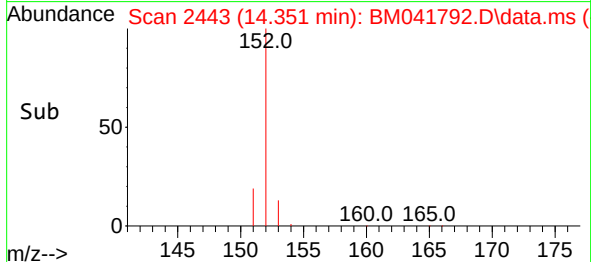
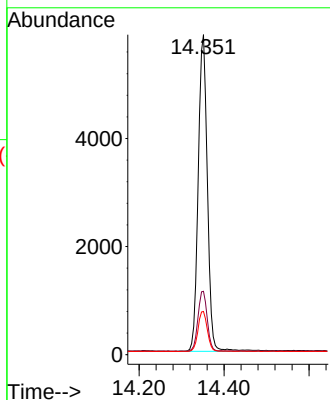
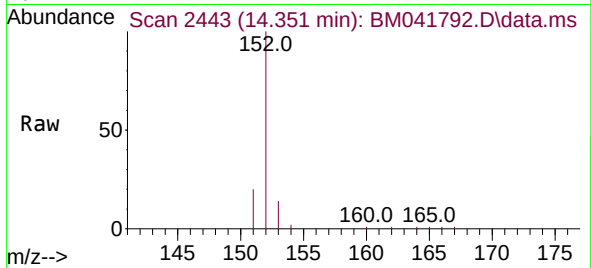




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

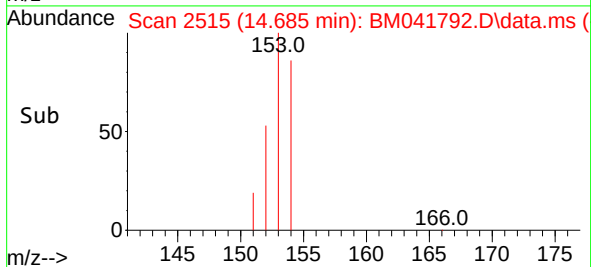
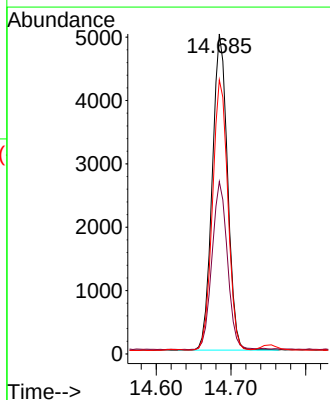
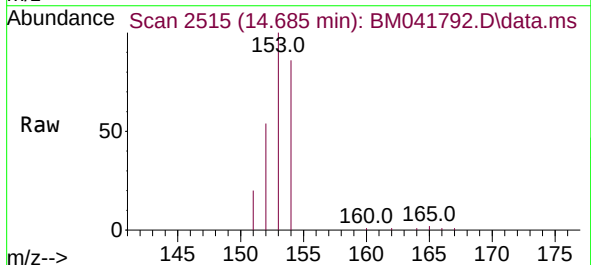
Instrument :
BNA_M
ClientSampleId :
SSTD0.4081

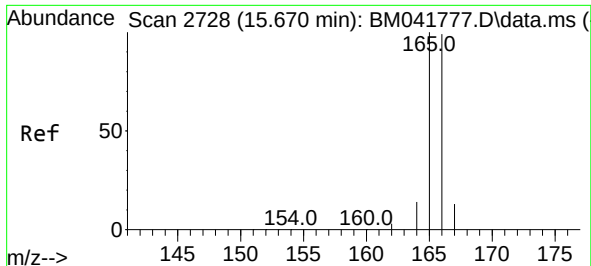
Tgt Ion:152 Resp: 8788
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:153 Resp: 7108
Ion Ratio Lower Upper
153 100
152 53.9 43.4 65.2
154 85.6 69.4 104.0

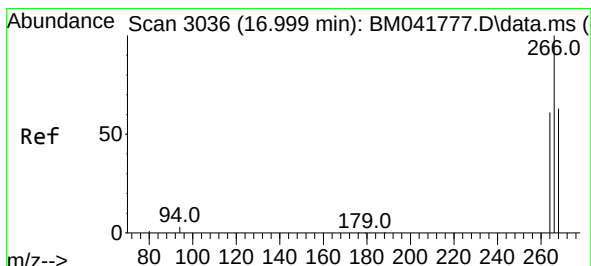
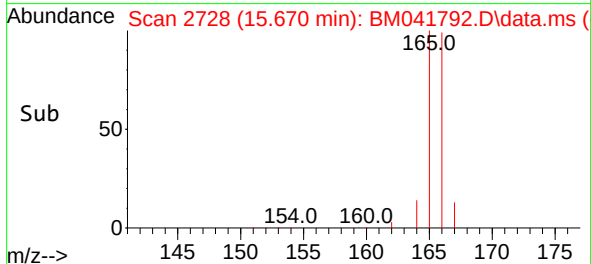
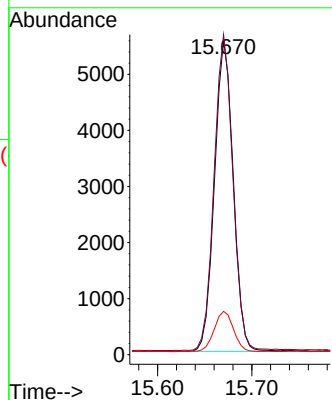
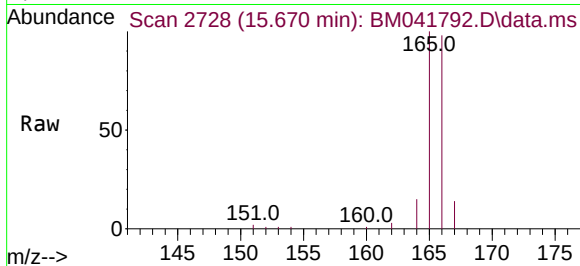




#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.670 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

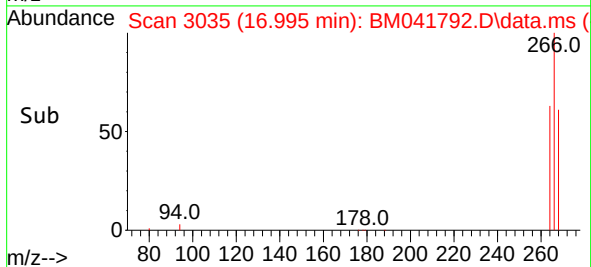
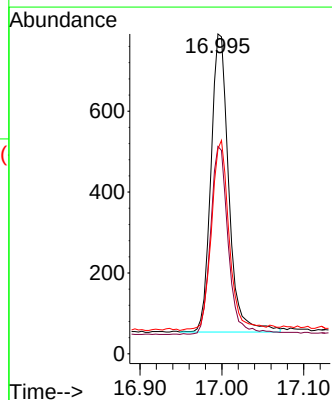
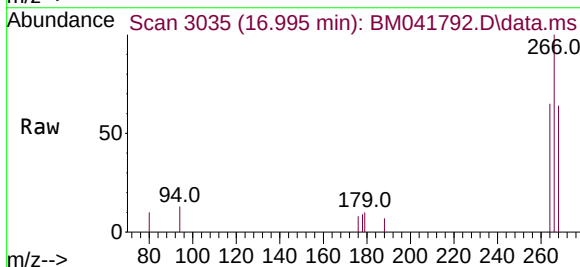
Instrument :
BNA_M
ClientSampleId :
SSTD0.4081

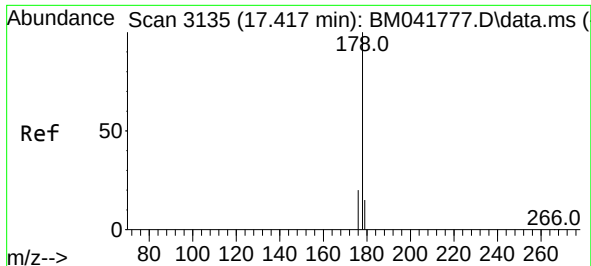
Tgt Ion:166 Resp: 7681
Ion Ratio Lower Upper
166 100
165 101.6 79.4 119.2
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.401 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:266 Resp: 1113
Ion Ratio Lower Upper
266 100
264 63.0 50.0 75.0
268 63.4 50.8 76.2

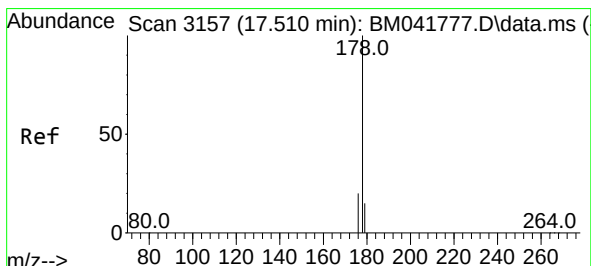
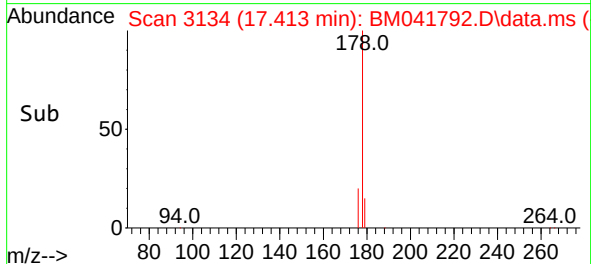
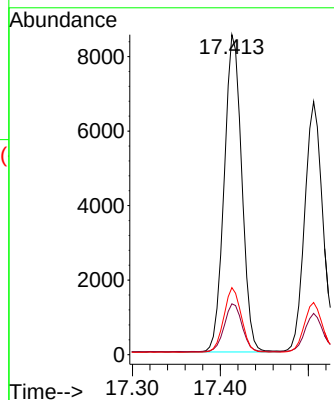
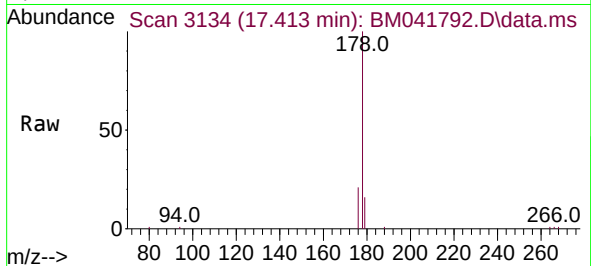




#15
Phenanthrene
Concen: 0.403 ng/u1
RT: 17.413 min Scan# 3135
Delta R.T. -0.013 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

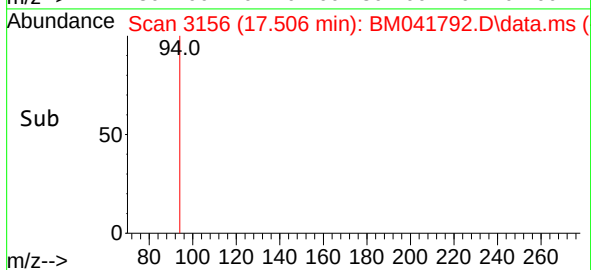
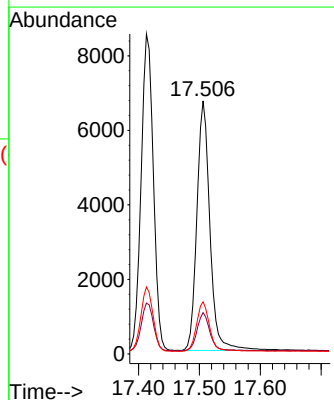
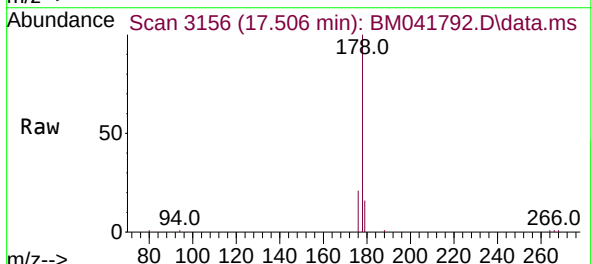
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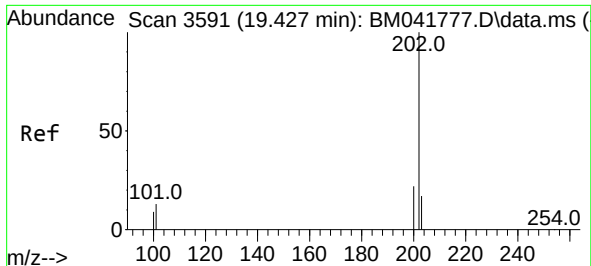
Tgt Ion:178 Resp: 11820
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 21.0 16.9 25.3



#16
Anthracene
Concen: 0.398 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. -0.008 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:178 Resp: 10000
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.6 15.8 23.8

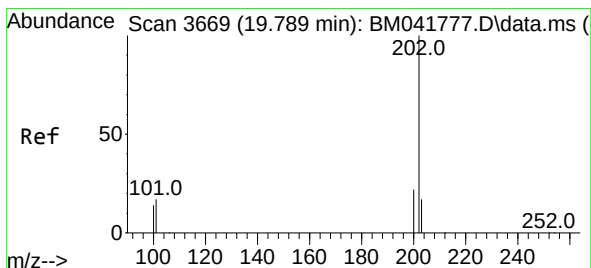
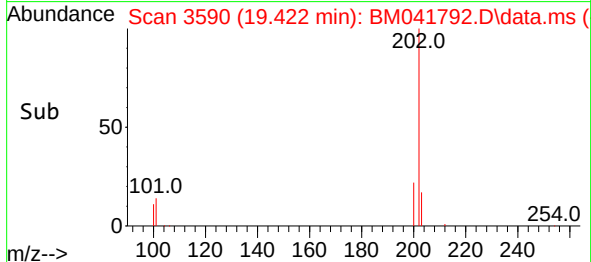
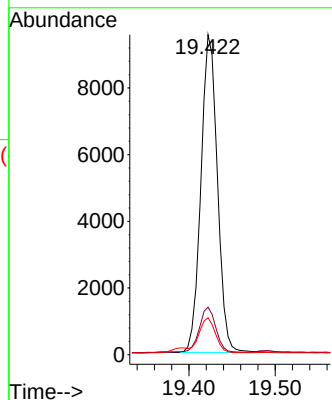
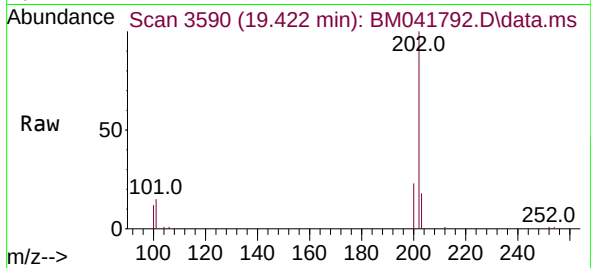




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

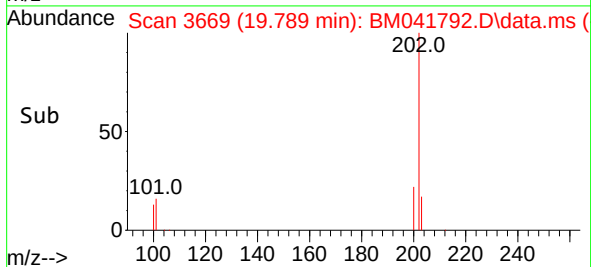
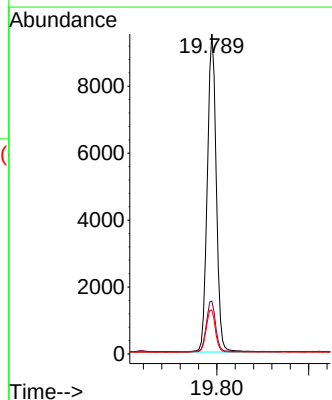
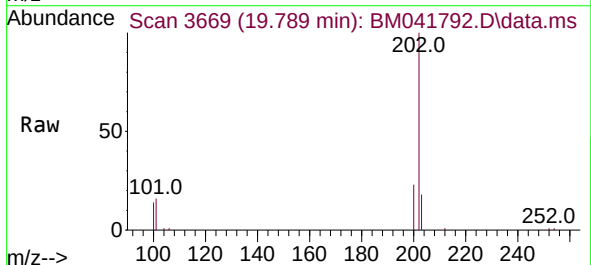
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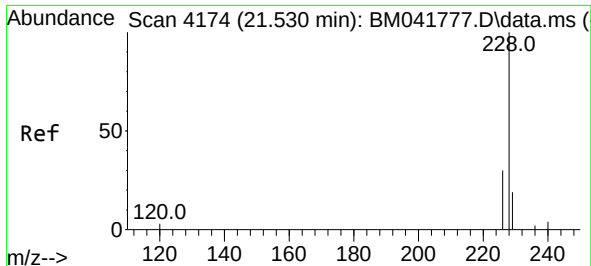
Tgt Ion:202 Resp: 12658
Ion Ratio Lower Upper
202 100
101 14.9 10.5 15.7
100 11.6 8.4 12.6



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:202 Resp: 12859
Ion Ratio Lower Upper
202 100
101 16.5 11.8 17.8
100 13.7 9.8 14.6

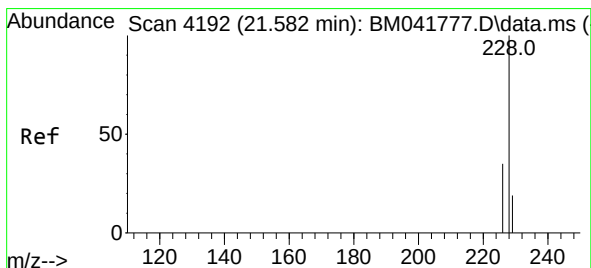
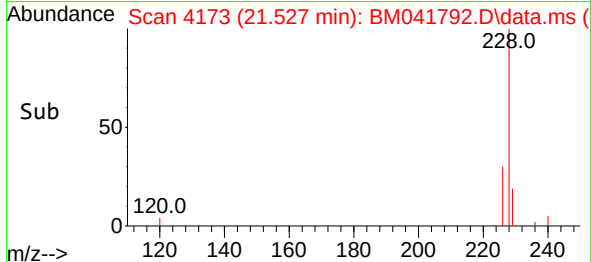
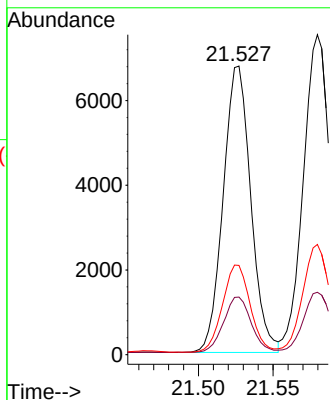
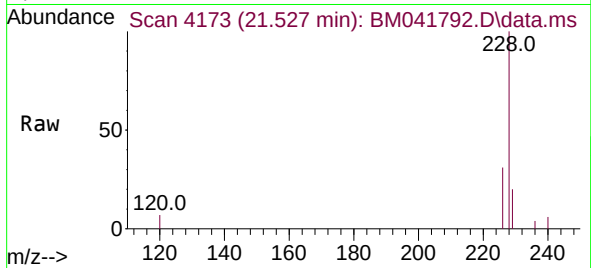




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

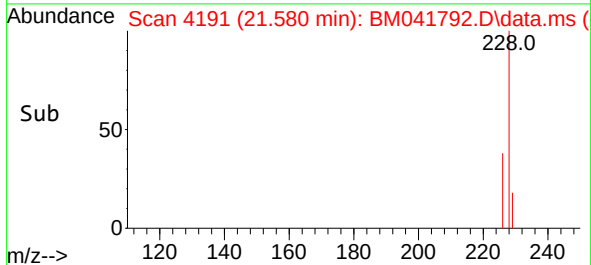
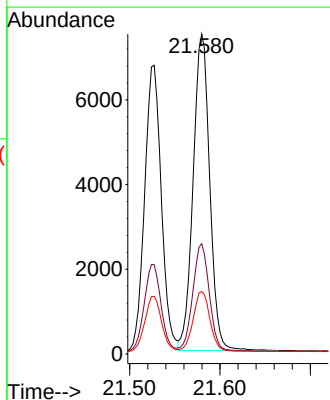
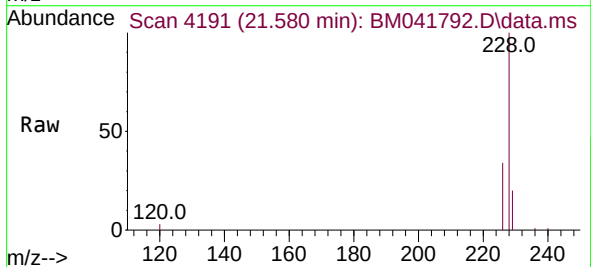
Instrument :
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SSTD0.4081

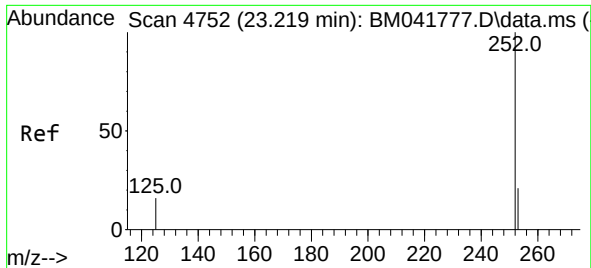
Tgt Ion:228 Resp: 8727
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 31.0 24.8 37.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.006 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:228 Resp: 9537
Ion Ratio Lower Upper
228 100
226 34.4 27.0 40.6
229 19.5 15.4 23.2

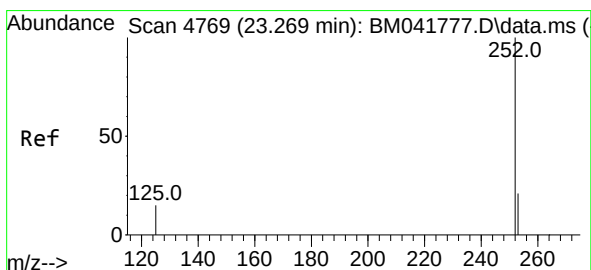
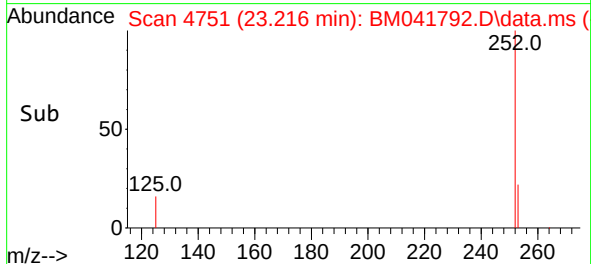
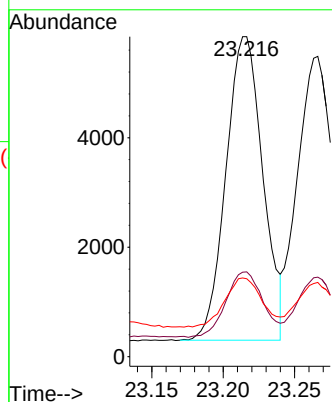
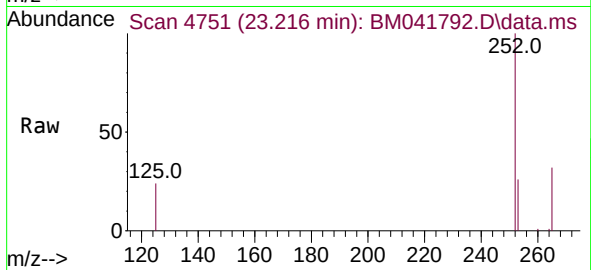




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.216 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

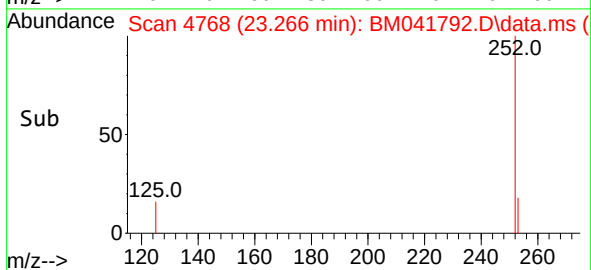
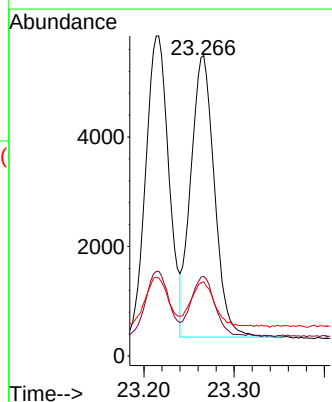
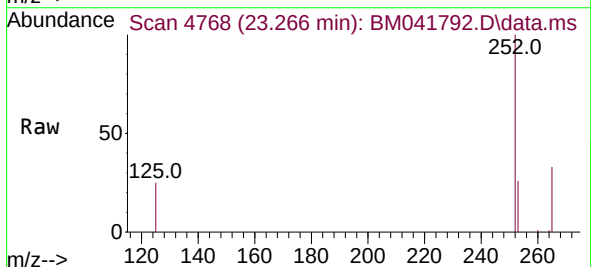
Instrument :
BNA_M
ClientSampleId :
SSTD0.4081

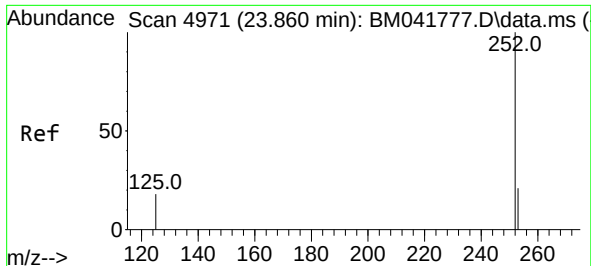
Tgt Ion:252 Resp: 9955
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.4
125 24.4 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:252 Resp: 9386
Ion Ratio Lower Upper
252 100
253 26.5 21.3 31.9
125 24.7 17.4 26.0

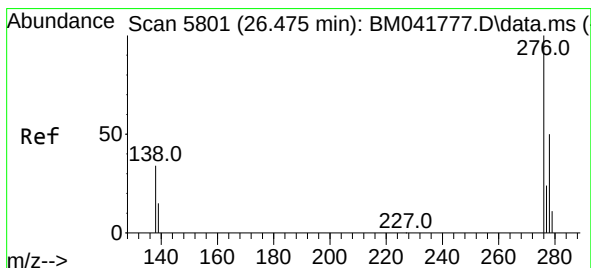
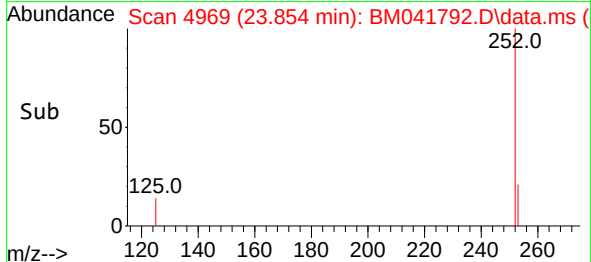
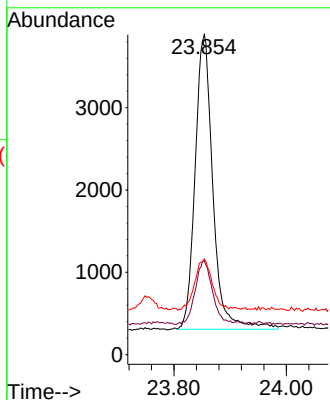
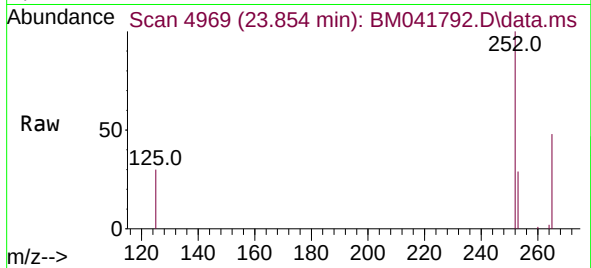




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.854 min Scan# 4971
Delta R.T. -0.009 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

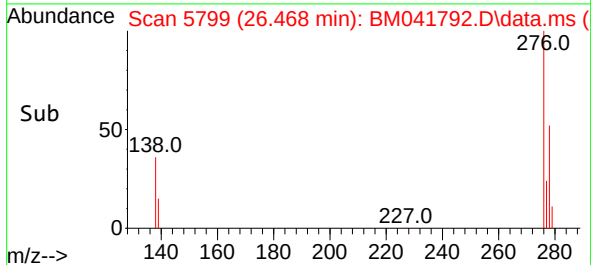
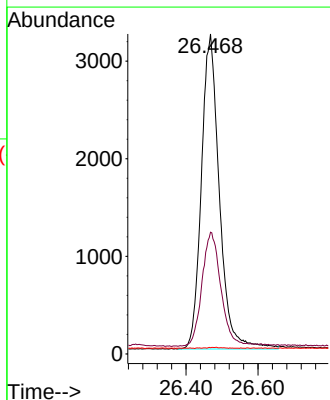
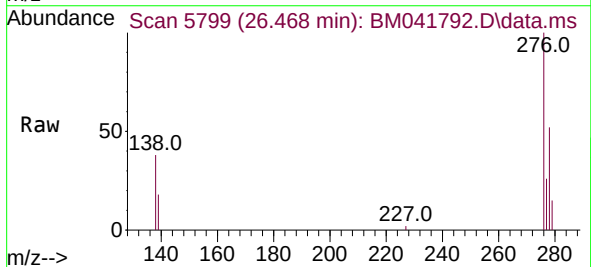
Instrument :
BNA_M
ClientSampleId :
SSTD0.4081

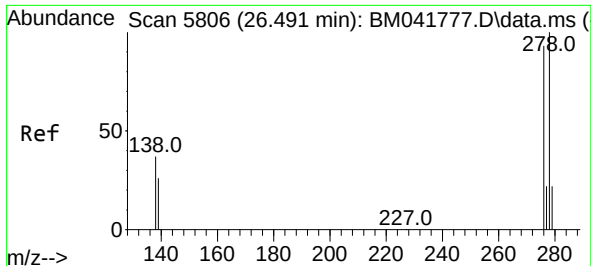
Tgt Ion:252 Resp: 7861
Ion Ratio Lower Upper
252 100
253 29.4 22.4 33.6
125 29.9 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. -0.017 min
Lab File: BM041792.D
Acq: 11 Sep 2023 23:53

Tgt Ion:276 Resp: 11157
Ion Ratio Lower Upper
276 100
138 38.8 26.4 39.6
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.393 ng/ul

RT: 26.485 min Scan# 5804

Delta R.T. -0.020 min

Lab File: BM041792.D

Acq: 11 Sep 2023 23:53

Instrument :

BNA_M

ClientSampleId :

SSTD0.4081

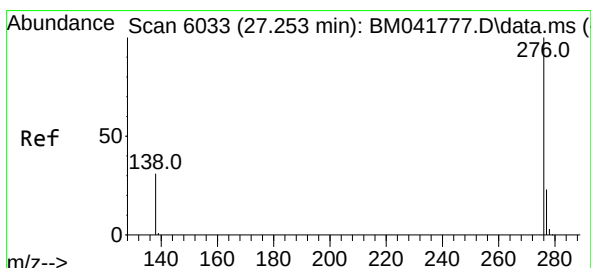
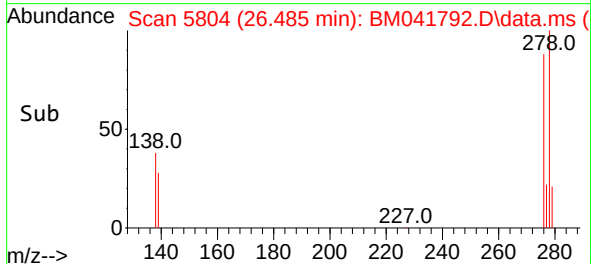
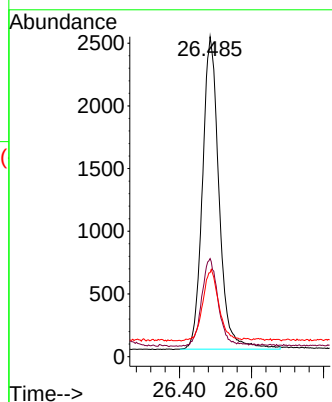
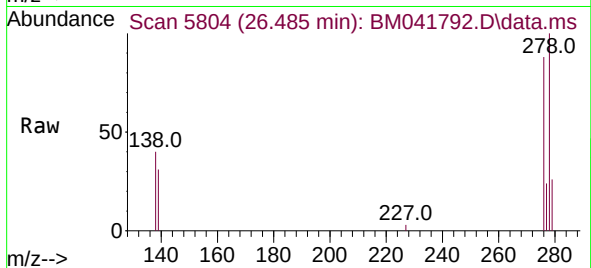
Tgt Ion:278 Resp: 7976

Ion Ratio Lower Upper

278 100

139 30.6 23.0 34.6

279 26.2 22.9 34.3



#29

Benzo(g,h,i)perylene

Concen: 0.385 ng/ul

RT: 27.246 min Scan# 6031

Delta R.T. -0.020 min

Lab File: BM041792.D

Acq: 11 Sep 2023 23:53

Tgt Ion:276 Resp: 9873

Ion Ratio Lower Upper

276 100

138 35.1 25.0 37.4

277 26.5 20.2 30.2

