

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041809.D
 Acq On : 12 Sep 2023 10:56
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

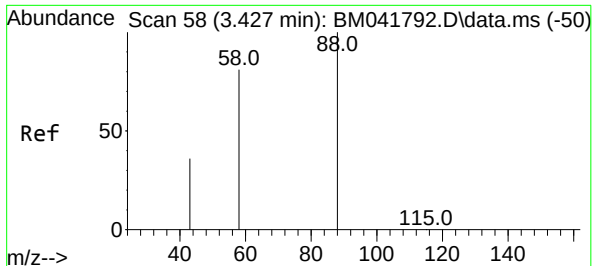
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 12 13:14:12 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 : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

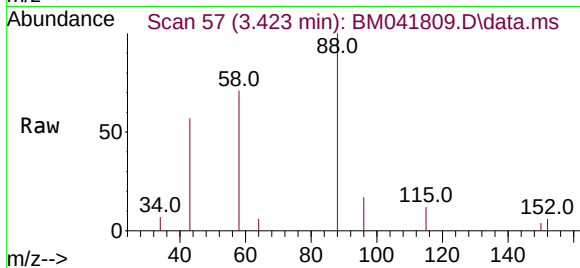
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	6061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	14957	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.620	164	6966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	13503	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	7467	0.400	ng/ul #	0.00
23) Perylene-d12	23.965	264	8601	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	3005	0.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7871	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	11093	0.306	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.423	88	3132	0.325	ng/ul#	89
5) Naphthalene	10.845	128	19141	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	11707	0.420	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	11818	0.422	ng/ul	100
10) Acenaphthylene	14.347	152	17380	0.404	ng/ul	99
11) Acenaphthene	14.685	153	12858	0.384	ng/ul	97
12) Fluorene	15.670	166	14175	0.378	ng/ul	100
14) Pentachlorophenol	16.999	266	2532	0.469	ng/ul	99
15) Phenanthrene	17.413	178	21659	0.380	ng/ul	99
16) Anthracene	17.506	178	19675	0.403	ng/ul	100
19) Fluoranthene	19.422	202	23295	0.264	ng/ul	99
20) Pyrene	19.789	202	24077	0.275	ng/ul	99
21) Benzo(a)anthracene	21.527	228	18899	0.310	ng/ul	99
22) Chrysene	21.583	228	18499	0.282	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	19746	0.257	ng/ul	98
25) Benzo(k)fluoranthene	23.266	252	19065	0.253	ng/ul	99
26) Benzo(a)pyrene	23.854	252	17447	0.279	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.468	276	24201	0.282	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.488	278	17949	0.298	ng/ul	95
29) Benzo(g,h,i)perylene	27.246	276	20238	0.266	ng/ul	100

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

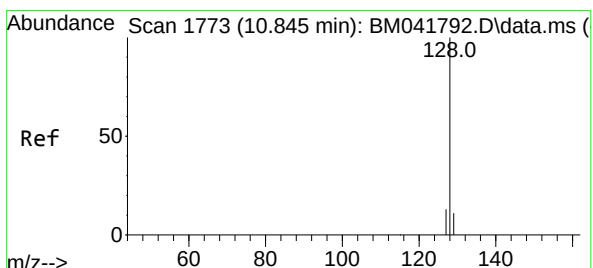
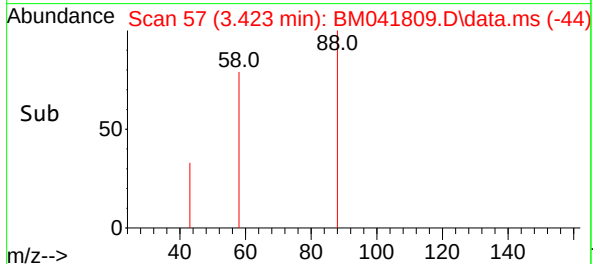
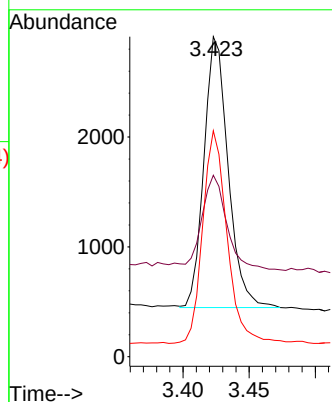


#2
1,4-Dioxane
Concen: 0.325 ng/ul
RT: 3.423 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Instrument :
BNA_M
ClientSampleId :

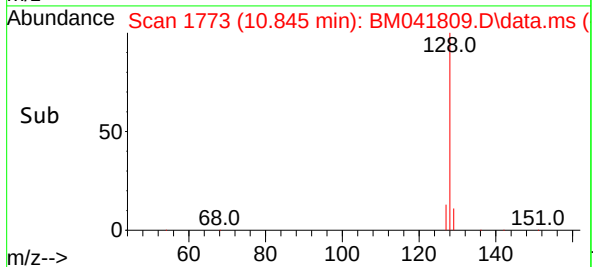
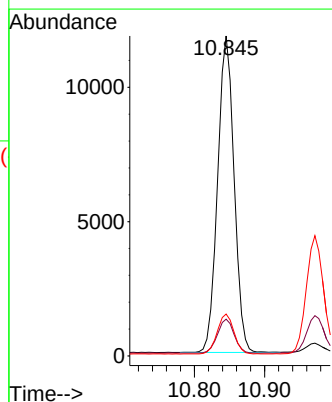
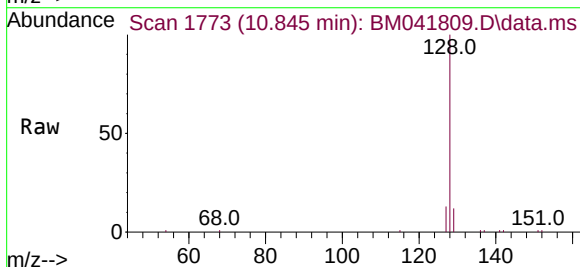


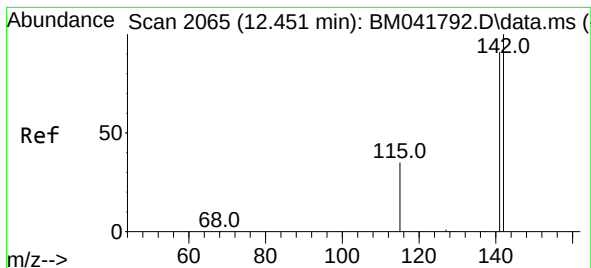
Tgt Ion: 88 Resp: 3132
Ion Ratio Lower Upper
88 100
43 56.7 33.8 50.6#
58 70.6 54.2 81.2



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Tgt Ion: 128 Resp: 19141
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.1 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.420 ng/ul

RT: 12.451 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BM041809.D

Acq: 12 Sep 2023 10:56

Instrument :

BNA_M

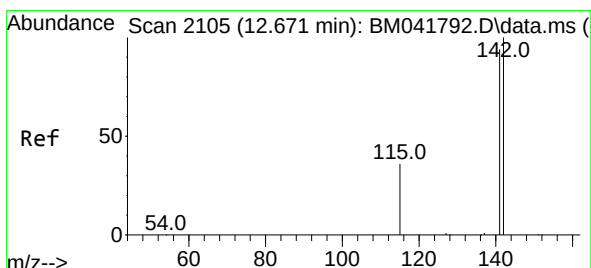
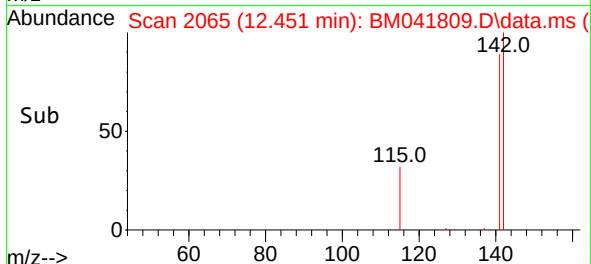
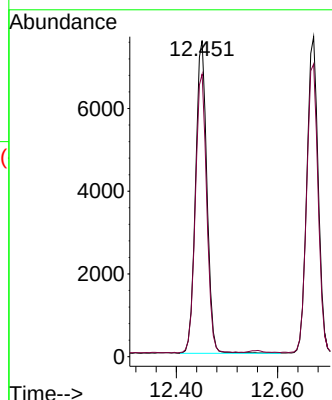
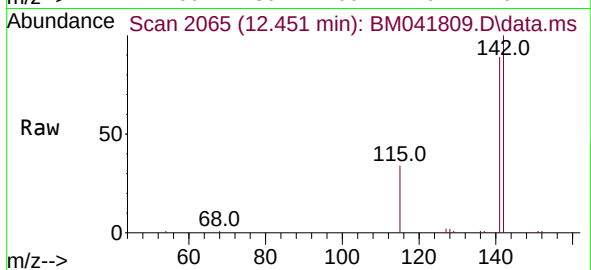
ClientSampleId :

Tgt Ion:142 Resp: 11707

Ion Ratio Lower Upper

142 100

141 89.4 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.422 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BM041809.D

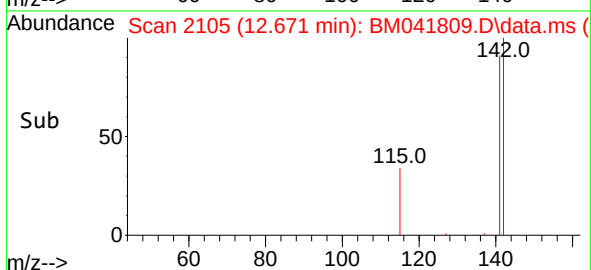
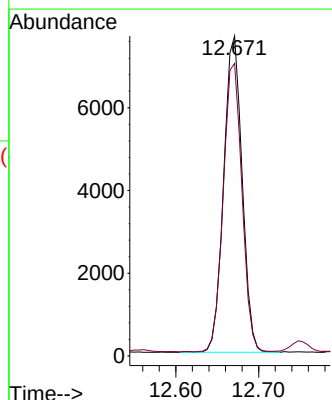
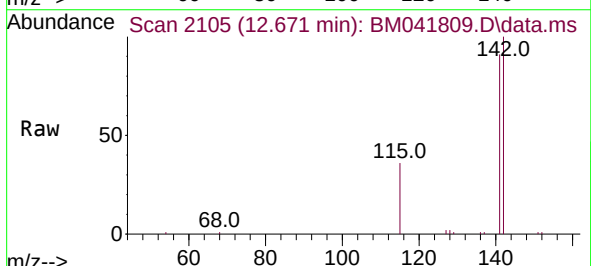
Acq: 12 Sep 2023 10:56

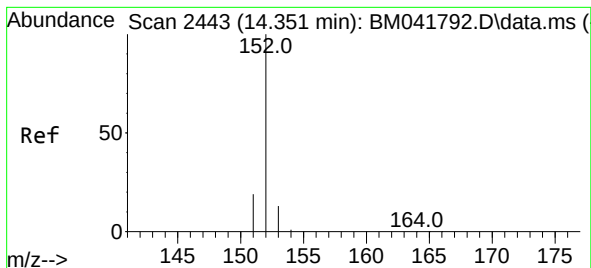
Tgt Ion:142 Resp: 11818

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6





#10

Acenaphthylene

Concen: 0.404 ng/ul

RT: 14.347 min Scan# 2442

Delta R.T. -0.005 min

Lab File: BM041809.D

Acq: 12 Sep 2023 10:56

Instrument :

BNA_M

ClientSampleId :

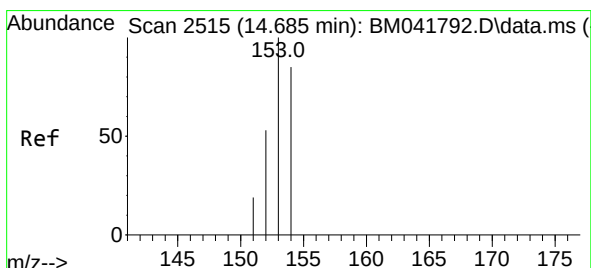
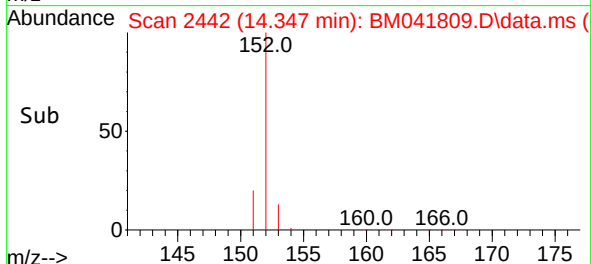
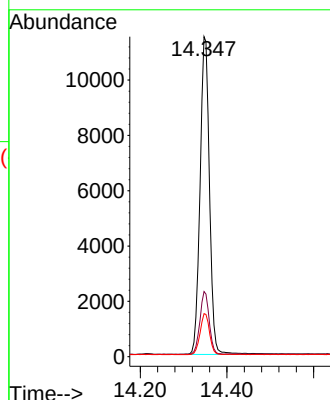
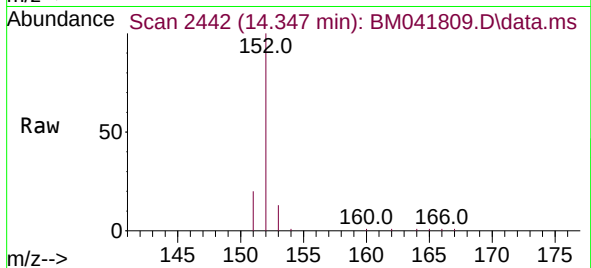
Tgt Ion:152 Resp: 17380

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.4 11.1 16.7



#11

Acenaphthene

Concen: 0.384 ng/ul

RT: 14.685 min Scan# 2515

Delta R.T. 0.000 min

Lab File: BM041809.D

Acq: 12 Sep 2023 10:56

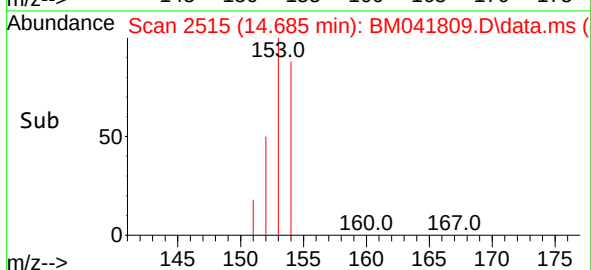
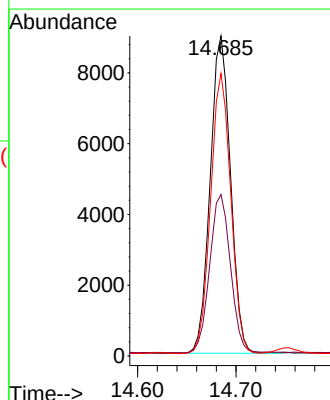
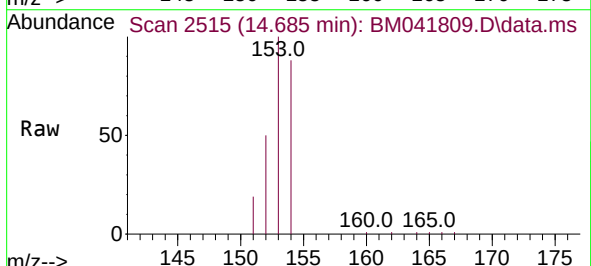
Tgt Ion:153 Resp: 12858

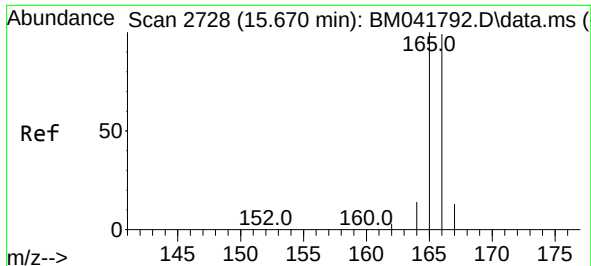
Ion Ratio Lower Upper

153 100

152 50.4 43.4 65.2

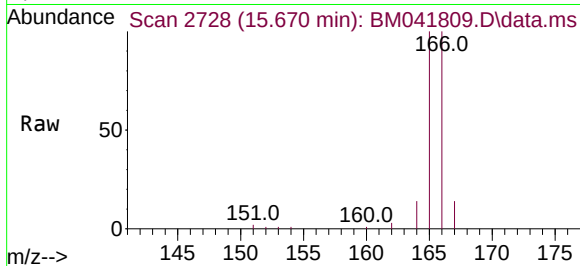
154 88.2 69.4 104.0



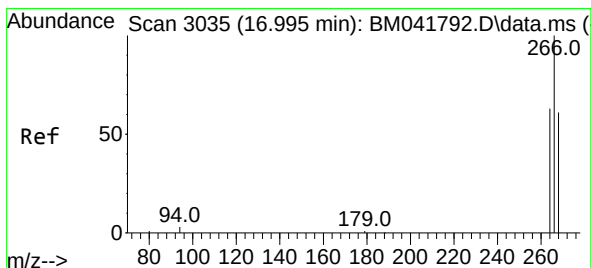
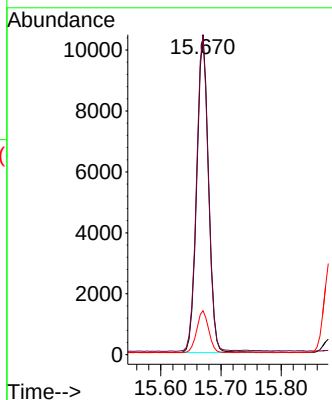
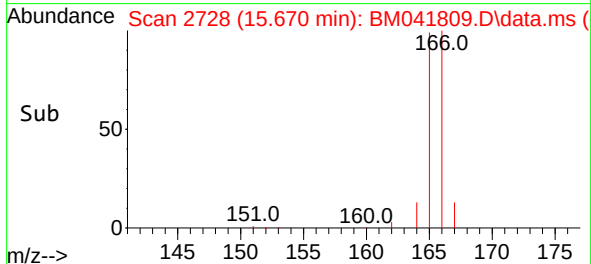


#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.670 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

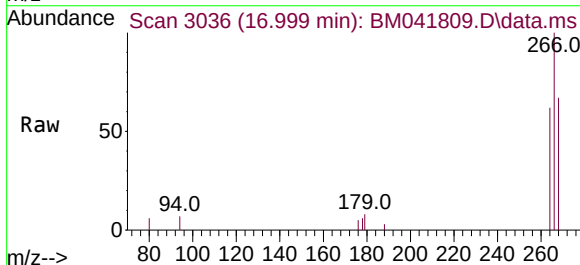
Instrument :
BNA_M
ClientSampleId :



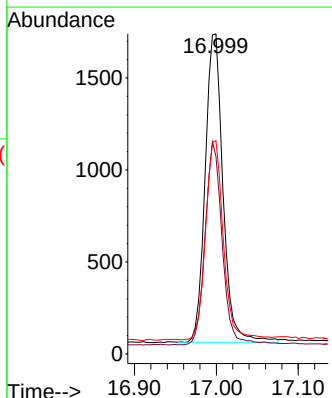
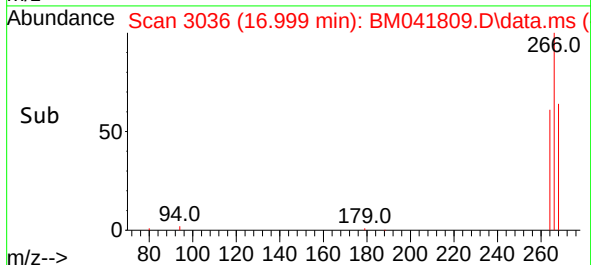
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.2
167	13.8	11.3	16.9

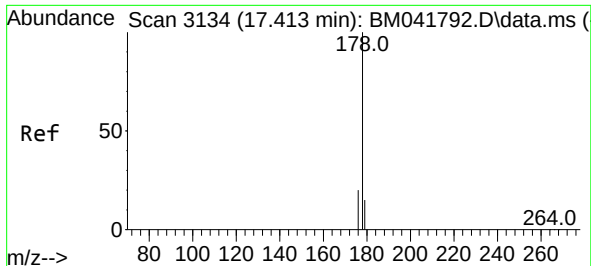


#14
Pentachlorophenol
Concen: 0.469 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. 0.004 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56



Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.0	75.0
268	65.1	50.8	76.2

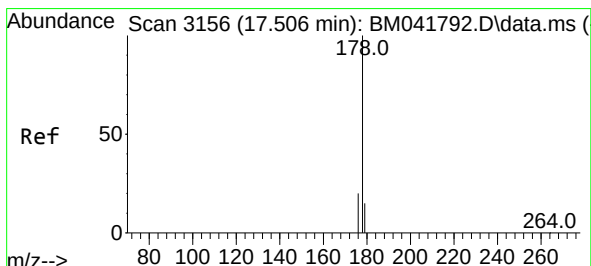
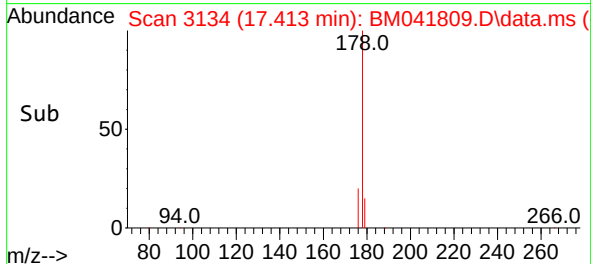
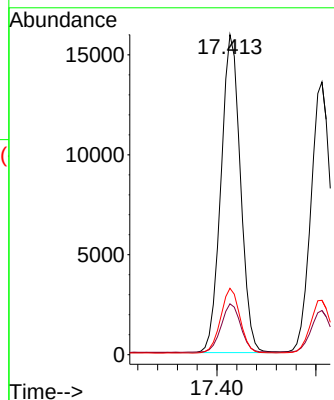
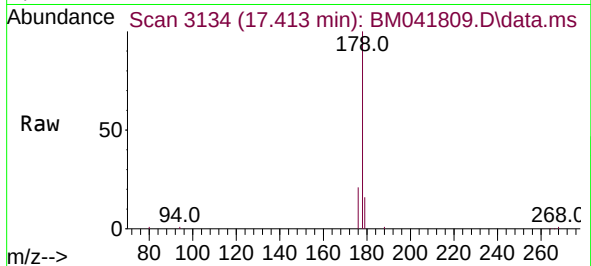




#15
Phenanthrene
Concen: 0.380 ng/u1
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

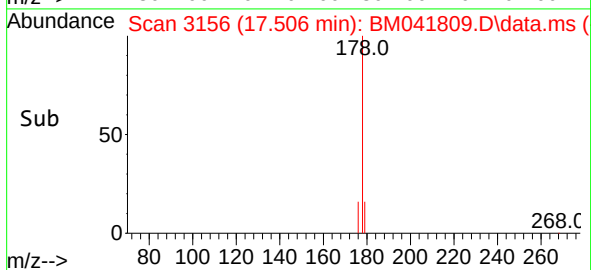
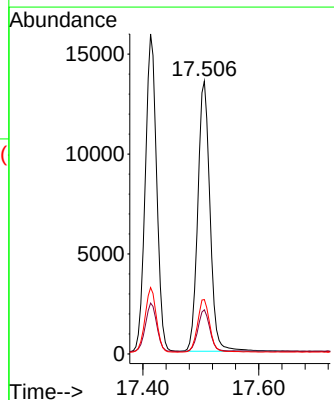
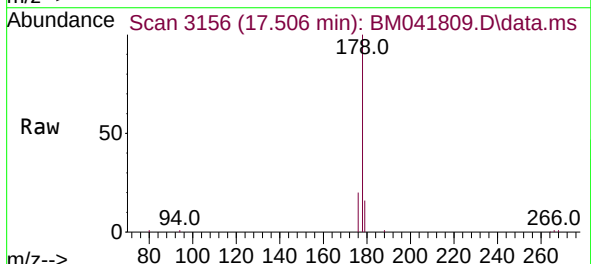
Instrument :
BNA_M
ClientSampleId :

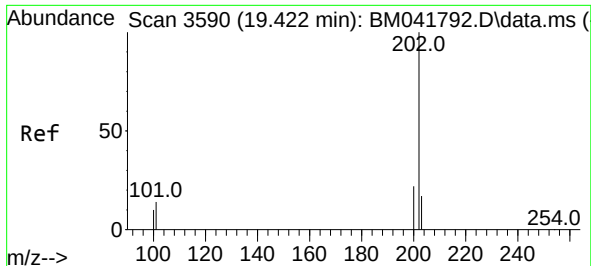
Tgt Ion:178 Resp: 21659
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 20.8 16.9 25.3



#16
Anthracene
Concen: 0.403 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Tgt Ion:178 Resp: 19675
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.0 15.8 23.8

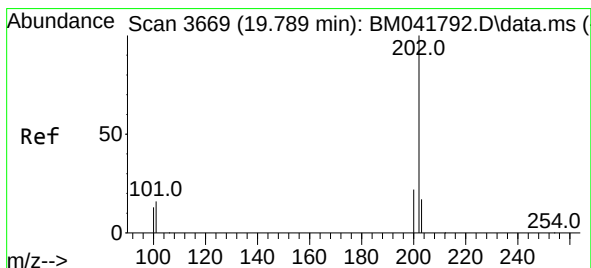
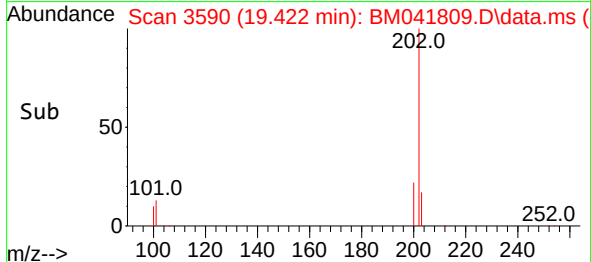
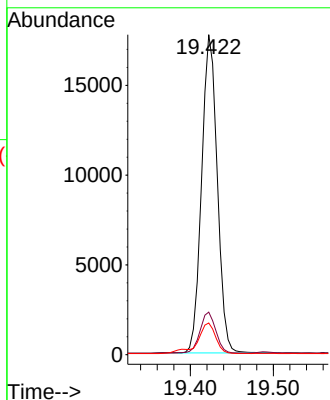
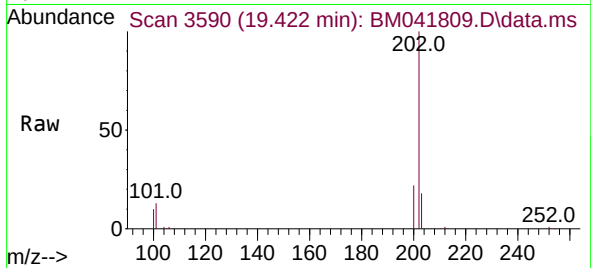




#19
Fluoranthene
Concen: 0.264 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

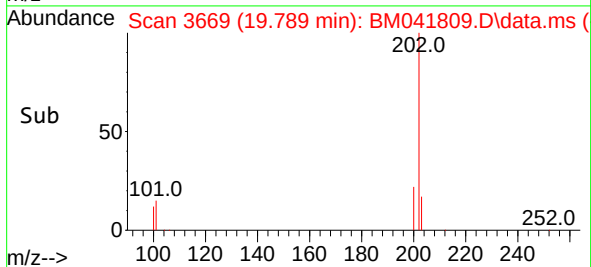
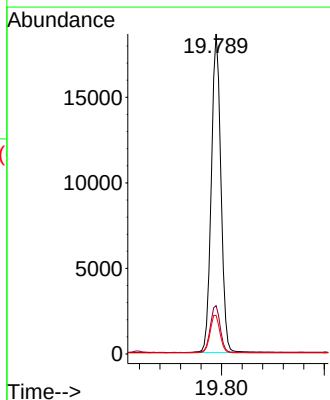
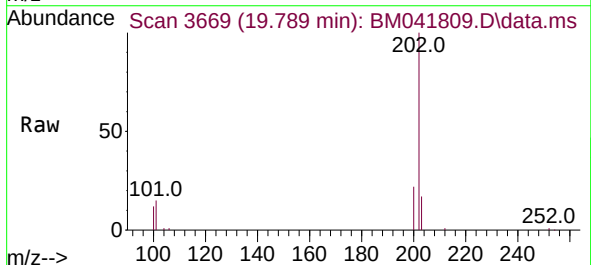
Instrument :
BNA_M
ClientSampleId :

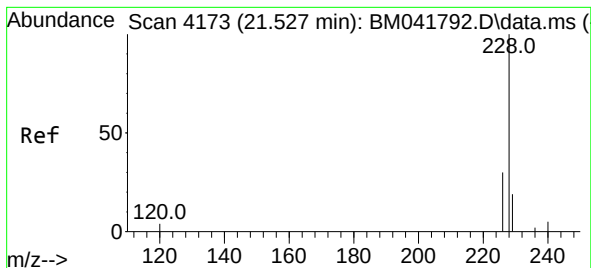
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.5	15.7
100	9.9	8.4	12.6



#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.8	17.8
100	12.0	9.8	14.6





#21

Benzo(a)anthracene

Concen: 0.310 ng/ul

RT: 21.527 min Scan# 41

Delta R.T. 0.000 min

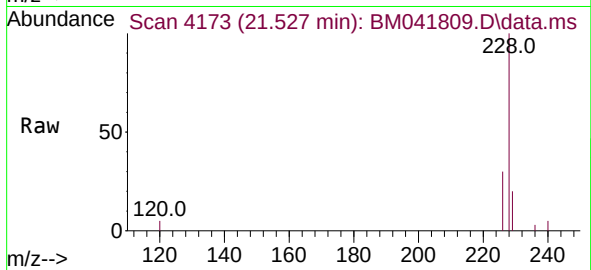
Lab File: BM041809.D

Acq: 12 Sep 2023 10:56

Instrument :

BNA_M

ClientSampleId :



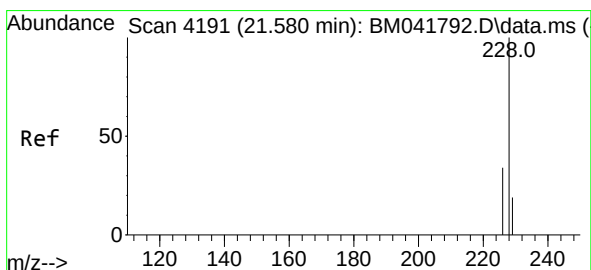
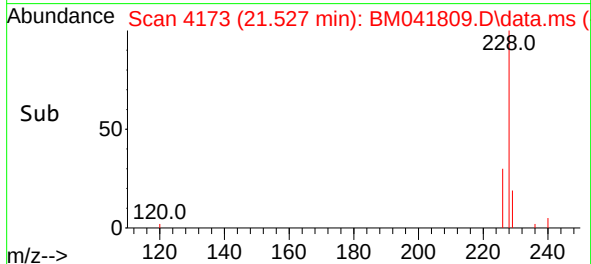
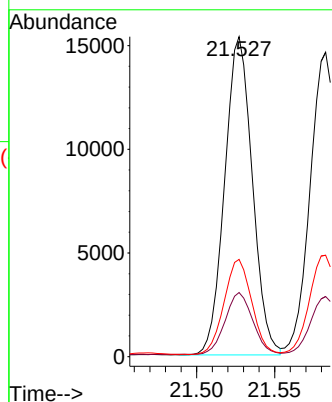
Tgt Ion:228 Resp: 18899

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 30.4 24.8 37.2



#22

Chrysene

Concen: 0.282 ng/ul

RT: 21.583 min Scan# 4192

Delta R.T. 0.003 min

Lab File: BM041809.D

Acq: 12 Sep 2023 10:56

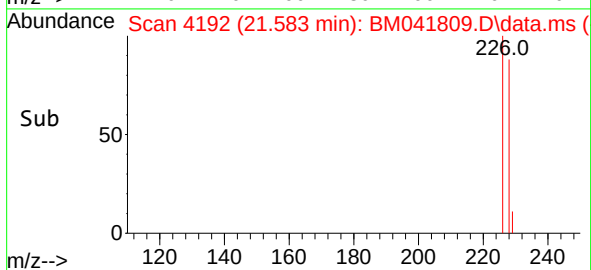
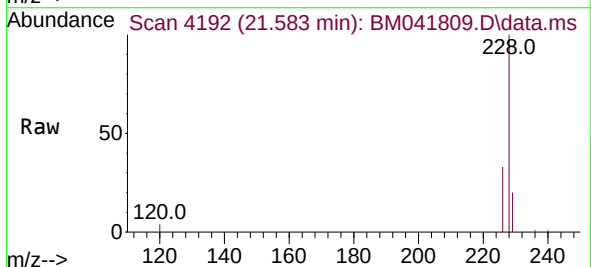
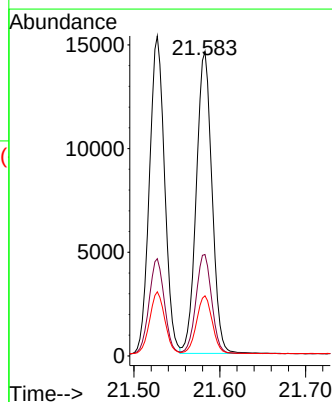
Tgt Ion:228 Resp: 18499

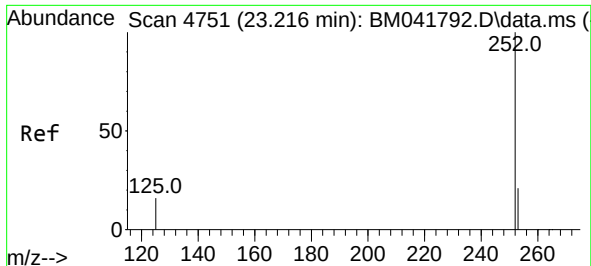
Ion Ratio Lower Upper

228 100

226 33.3 27.0 40.6

229 19.7 15.4 23.2

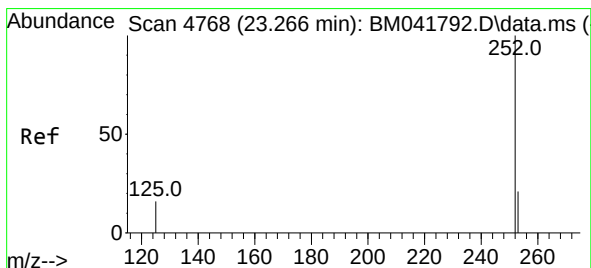
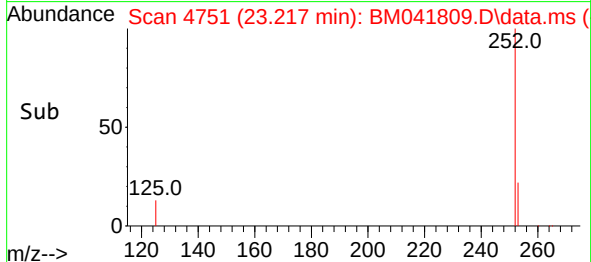
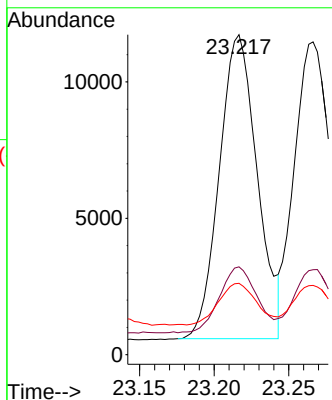
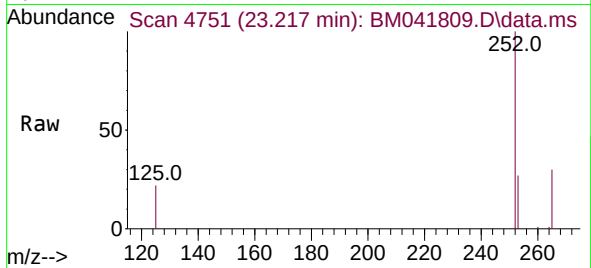




#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 23.217 min Scan# 4751
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

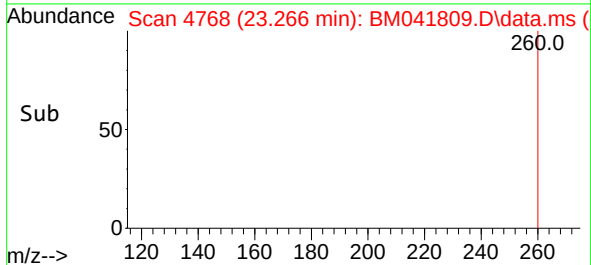
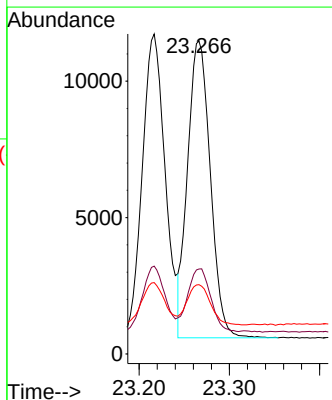
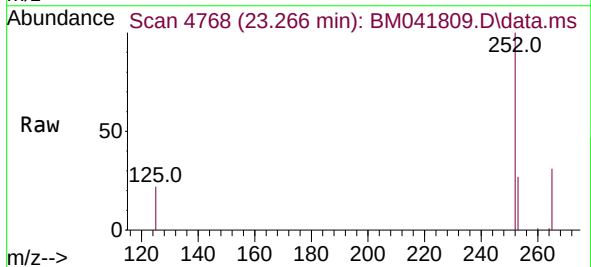
Instrument :
BNA_M
ClientSampleId :

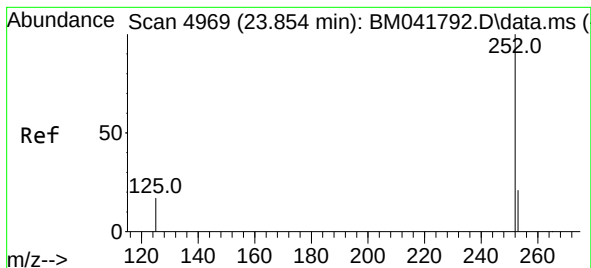
Tgt Ion:252 Resp: 19746
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.4
125 22.3 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Tgt Ion:252 Resp: 19065
Ion Ratio Lower Upper
252 100
253 27.2 21.3 31.9
125 22.2 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.279 ng/ul

RT: 23.854 min Scan# 4969

Delta R.T. 0.000 min

Lab File: BM041809.D

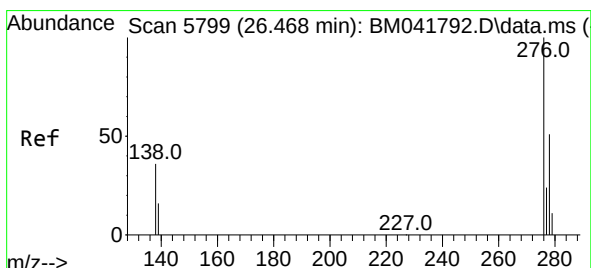
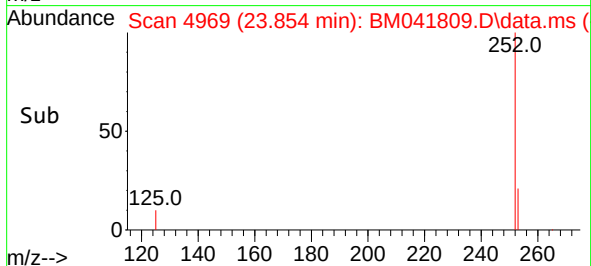
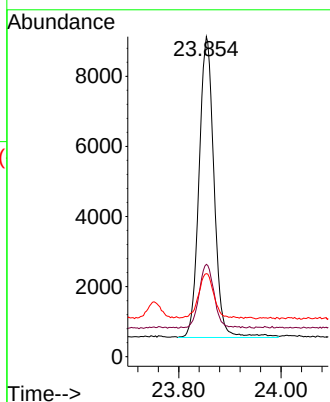
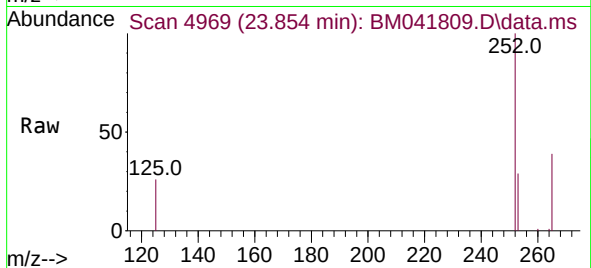
Acq: 12 Sep 2023 10:56

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	17447
Ion Ratio	Lower	Upper	
252	100		
253	28.9	22.4	33.6
125	25.9	21.0	31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.282 ng/ul

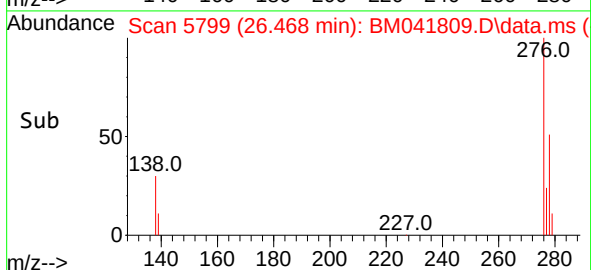
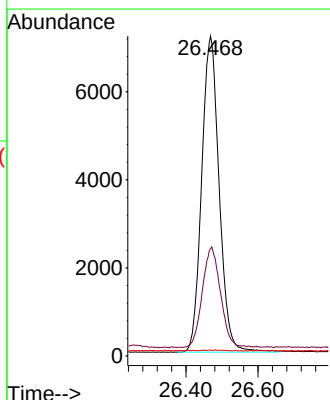
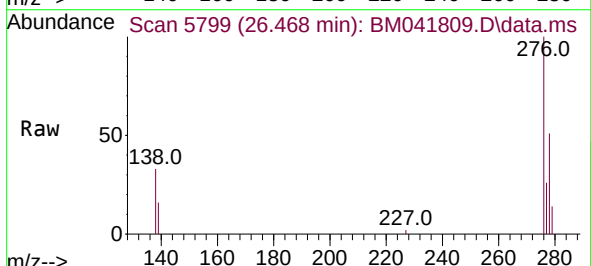
RT: 26.468 min Scan# 5799

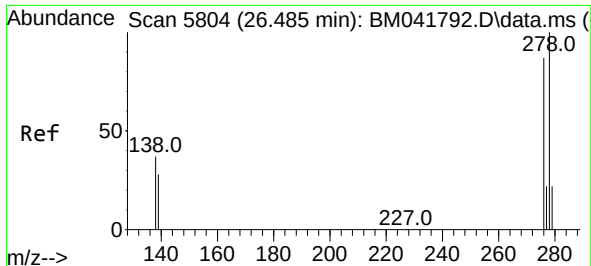
Delta R.T. 0.000 min

Lab File: BM041809.D

Acq: 12 Sep 2023 10:56

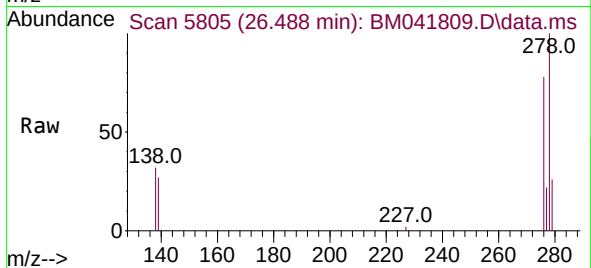
Tgt Ion:	276	Resp:	24201
Ion Ratio	Lower	Upper	
276	100		
138	32.9	26.4	39.6
227	0.0	0.1	0.1



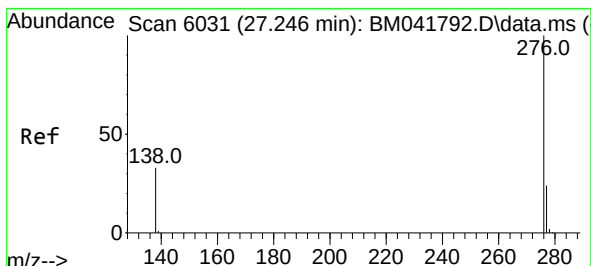
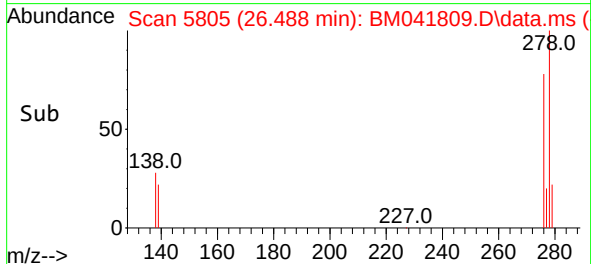
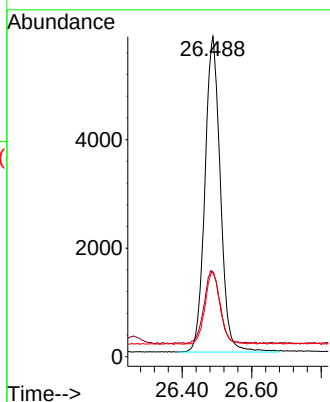


#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 17949
Ion Ratio Lower Upper
278 100
139 26.6 23.0 34.6
279 26.0 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 27.246 min Scan# 6031
Delta R.T. 0.000 min
Lab File: BM041809.D
Acq: 12 Sep 2023 10:56

Tgt Ion:276 Resp: 20238
Ion Ratio Lower Upper
276 100
138 31.5 25.0 37.4
277 25.0 20.2 30.2

