

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041736.D
 Acq On : 08 Sep 2023 18:35
 Operator : MA/JU
 Sample : PB155235BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 00:27:31 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 : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

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

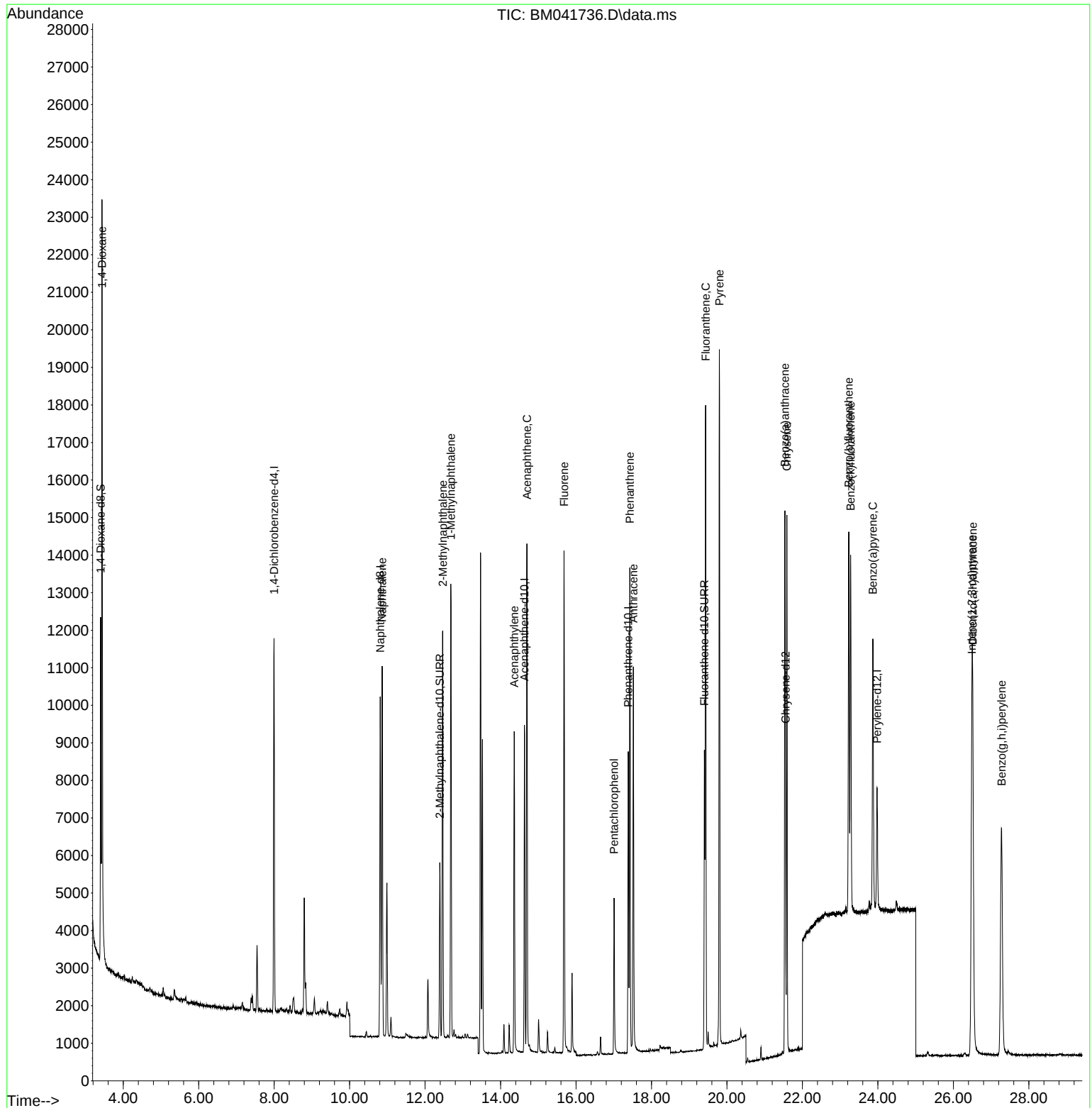
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	4864	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	11387	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.634	164	4501	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.383	188	8747	0.400	ng/u1	0.00
17) Chrysene-d12	21.550	240	3890	0.400	ng/u1	0.00
23) Perylene-d12	23.976	264	4503	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	5151	0.693	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.390	152	5607	0.383	ng/u1	0.00
18) Fluoranthene-d10	19.403	212	6945	0.368	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	12422	1.609	ng/u1	94
5) Naphthalene	10.861	128	13342	0.357	ng/u1	100
7) 2-Methylnaphthalene	12.467	142	7575	0.357	ng/u1	100
8) 1-Methylnaphthalene	12.682	142	8002	0.375	ng/u1	100
10) Acenaphthylene	14.361	152	10087	0.363	ng/u1	99
11) Acenaphthene	14.698	153	7831	0.362	ng/u1	98
12) Fluorene	15.684	166	8613	0.355	ng/u1	98
14) Pentachlorophenol	17.008	266	2797	0.799	ng/u1	100
15) Phenanthrene	17.426	178	13488	0.365	ng/u1	99
16) Anthracene	17.518	178	11570	0.366	ng/u1	99
19) Fluoranthene	19.436	202	14564	0.317	ng/u1	99
20) Pyrene	19.798	202	15258	0.335	ng/u1	97
21) Benzo(a)anthracene	21.536	228	11503	0.363	ng/u1	99
22) Chrysene	21.588	228	11923	0.348	ng/u1	99
24) Benzo(b)fluoranthene	23.228	252	13197	0.328	ng/u1	98
25) Benzo(k)fluoranthene	23.278	252	12354	0.313	ng/u1	98
26) Benzo(a)pyrene	23.868	252	11055	0.338	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.488	276	16016	0.357	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.515	278	11406	0.362	ng/u1	98
29) Benzo(g,h,i)perylene	27.279	276	13957	0.351	ng/u1	99

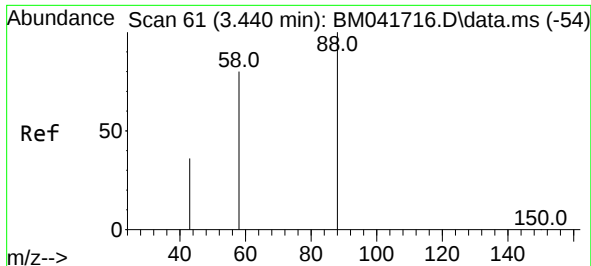
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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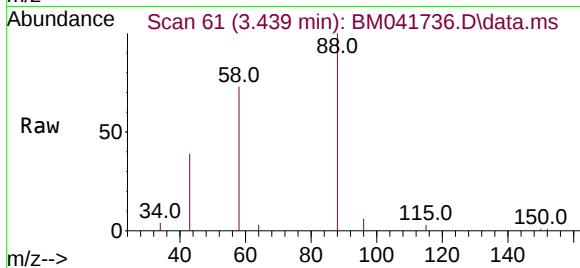
Quant Time: Sep 09 00:27:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
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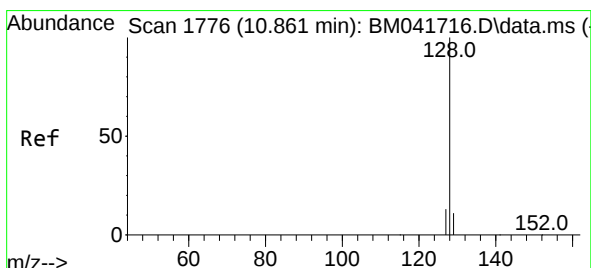
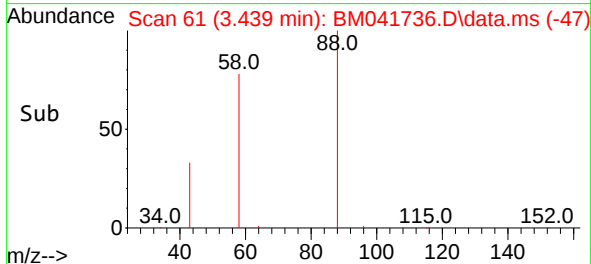
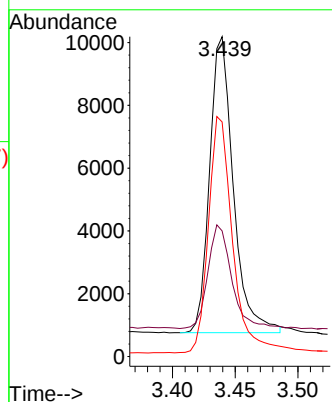


#2
1,4-Dioxane
Concen: 1.609 ng/ul
RT: 3.439 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Instrument :
BNA_M
ClientSampleId :

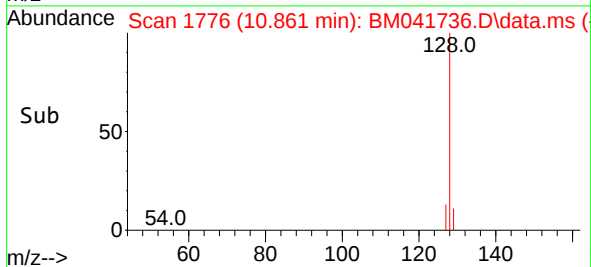
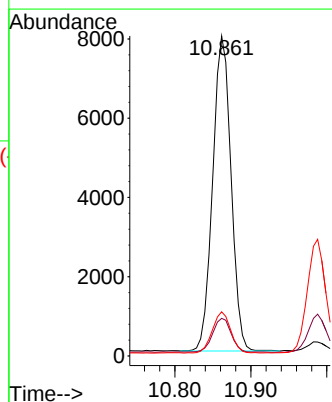
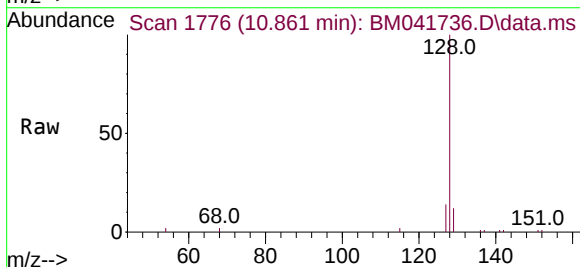


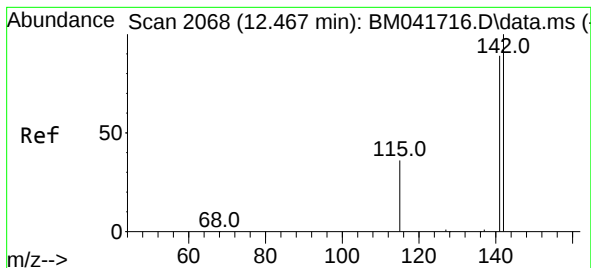
Tgt Ion: 88	Resp: 12422
Ion Ratio	Lower Upper
88 100	
43 39.3	33.8 50.6
58 73.3	54.2 81.2



#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Tgt Ion:128	Resp: 13342
Ion Ratio	Lower Upper
128 100	
129 11.7	9.4 14.0
127 13.8	11.0 16.6

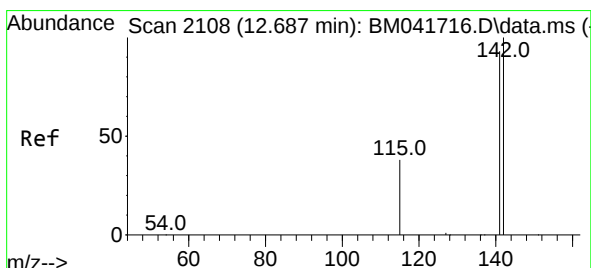
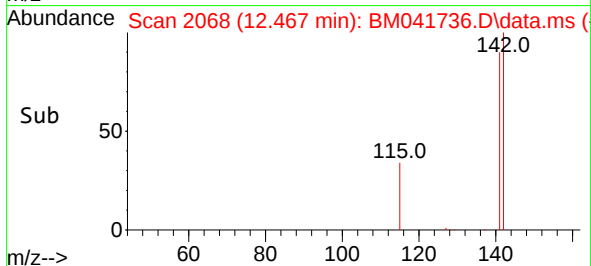
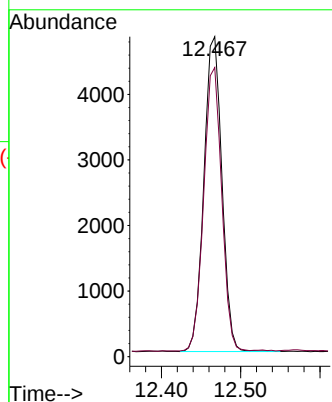
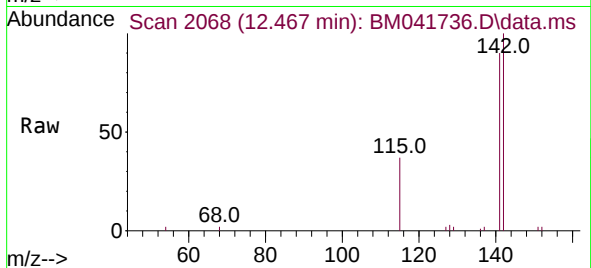




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

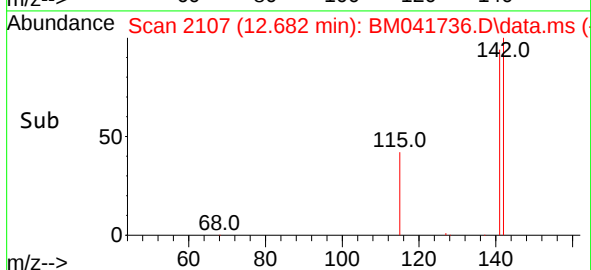
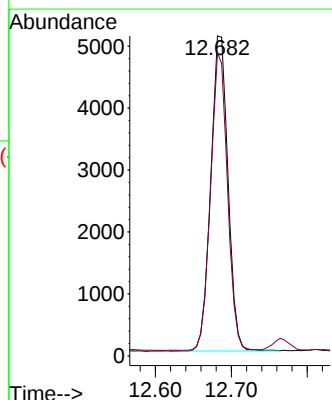
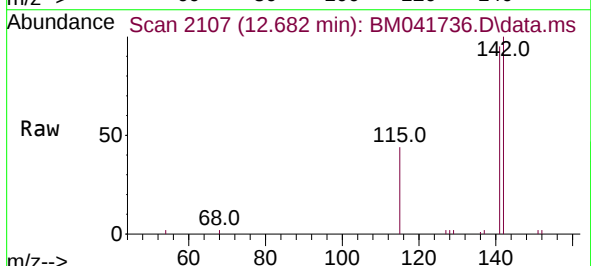
Instrument :
BNA_M
ClientSampleId :

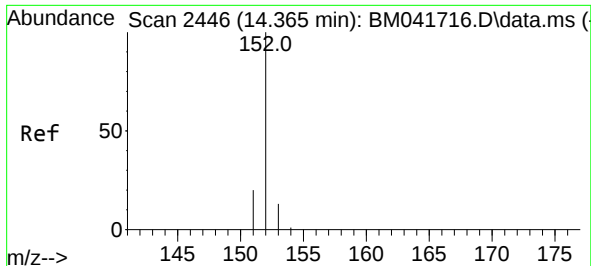
Tgt Ion:142 Resp: 7575
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

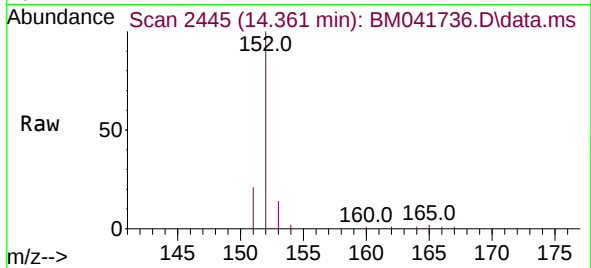
Tgt Ion:142 Resp: 8002
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6



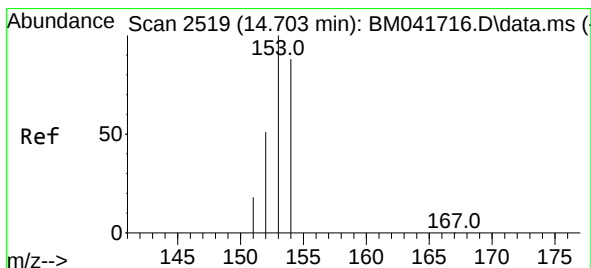
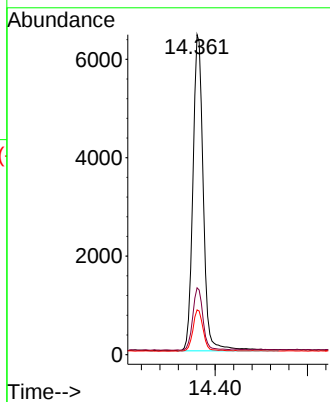
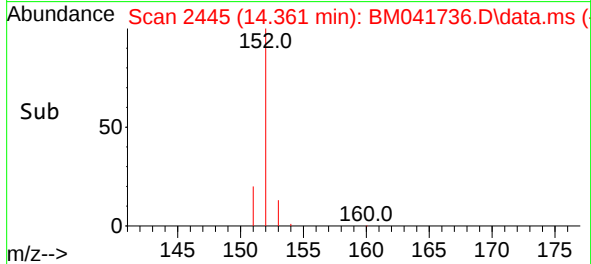


#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.361 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Instrument :
BNA_M
ClientSampleId :

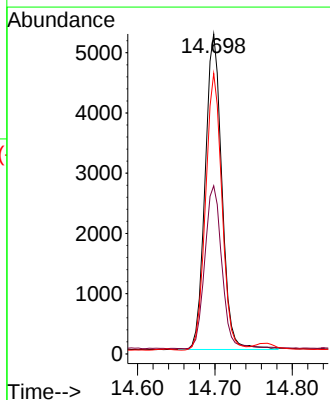
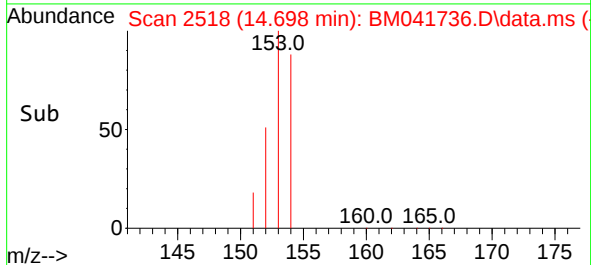
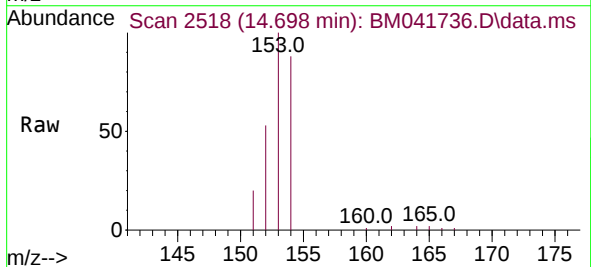


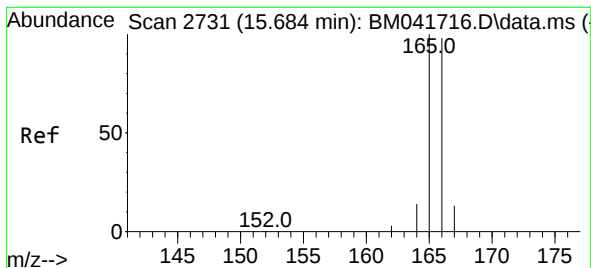
Tgt Ion:152 Resp: 10087
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Tgt Ion:153 Resp: 7831
Ion Ratio Lower Upper
153 100
152 52.6 43.4 65.2
154 87.6 69.4 104.0





#12

Fluorene

Concen: 0.355 ng/ul

RT: 15.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041736.D

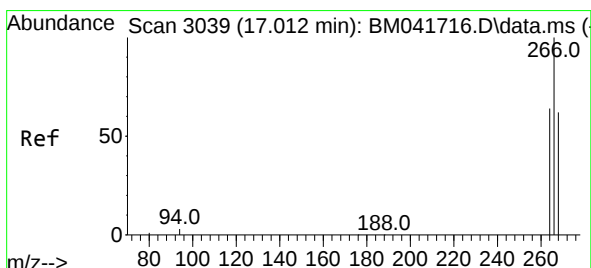
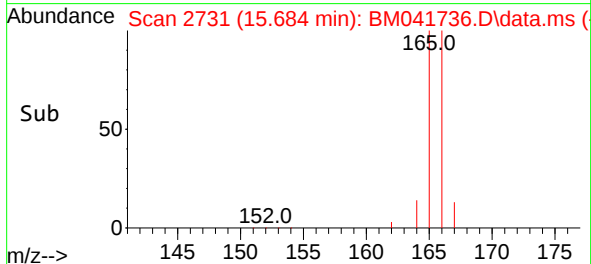
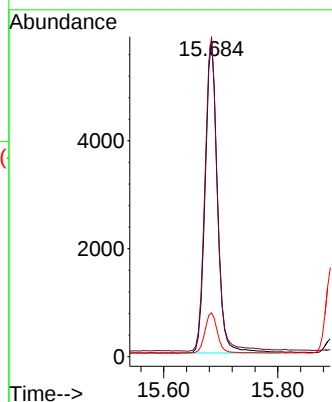
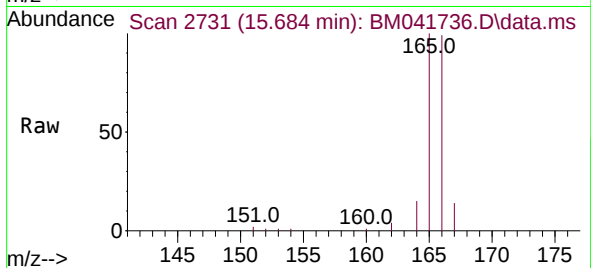
Acq: 08 Sep 2023 18:35

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:166	Resp:	8613
Ion	Ratio	Lower Upper
166	100	
165	101.1	79.4 119.2
167	13.8	11.3 16.9



#14

Pentachlorophenol

Concen: 0.799 ng/ul

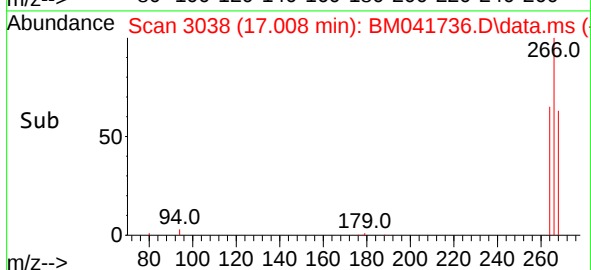
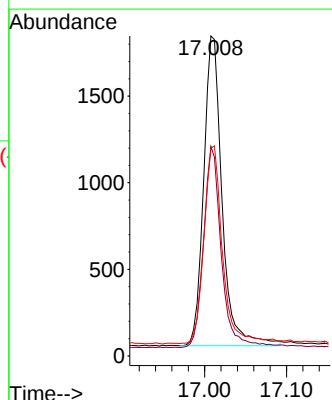
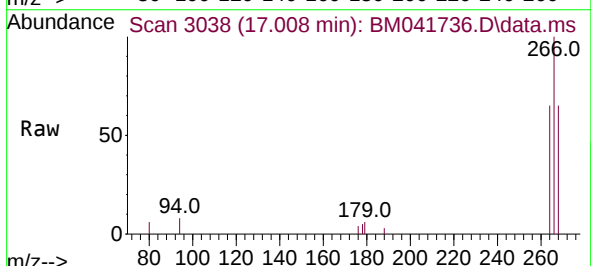
RT: 17.008 min Scan# 3038

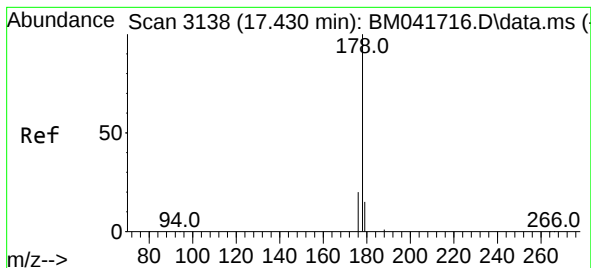
Delta R.T. -0.004 min

Lab File: BM041736.D

Acq: 08 Sep 2023 18:35

Tgt Ion:266	Resp:	2797
Ion	Ratio	Lower Upper
266	100	
264	62.5	50.0 75.0
268	64.2	50.8 76.2





#15

Phenanthrene

Concen: 0.365 ng/ul

RT: 17.426 min Scan# 3138

Delta R.T. -0.004 min

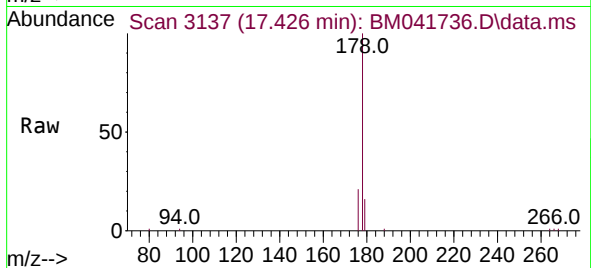
Lab File: BM041736.D

Acq: 08 Sep 2023 18:35

Instrument :

BNA_M

ClientSampleId :



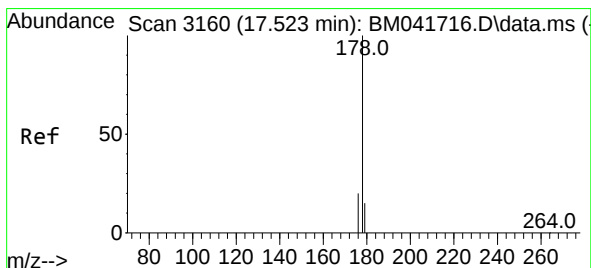
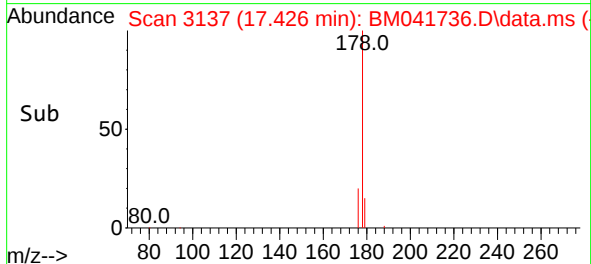
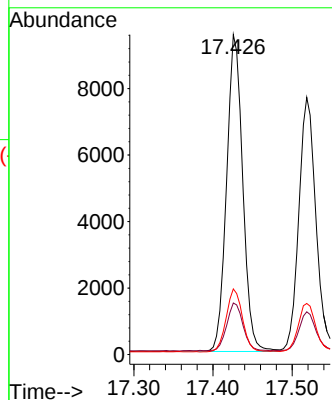
Tgt Ion:178 Resp: 13488

Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.5 16.9 25.3



#16

Anthracene

Concen: 0.366 ng/ul

RT: 17.518 min Scan# 3159

Delta R.T. -0.004 min

Lab File: BM041736.D

Acq: 08 Sep 2023 18:35

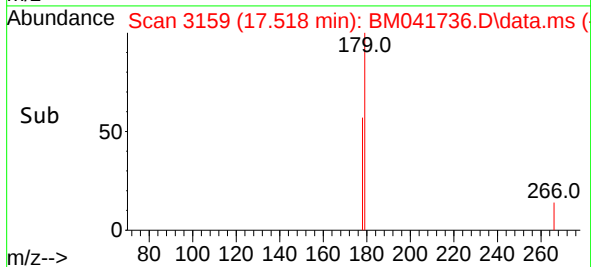
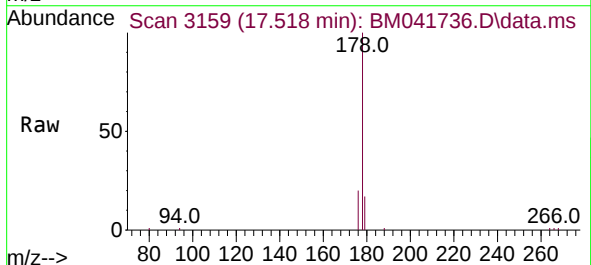
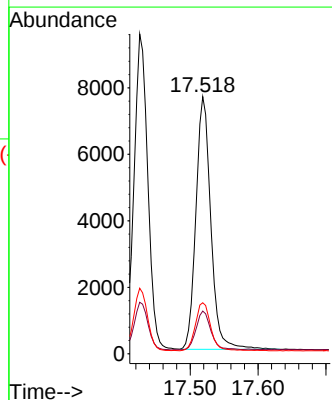
Tgt Ion:178 Resp: 11570

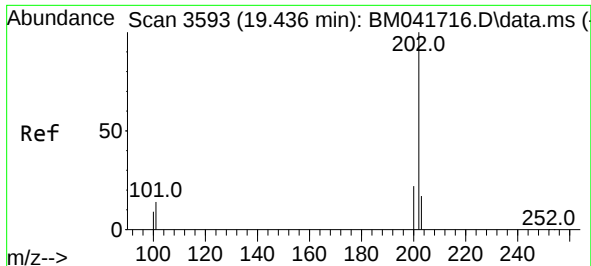
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 19.9 15.8 23.8

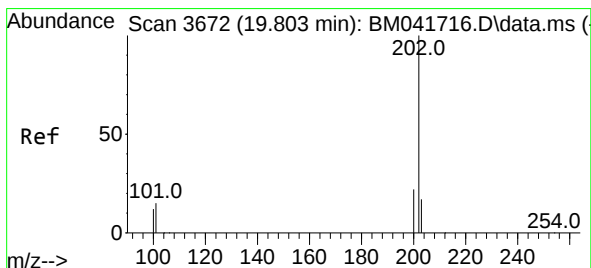
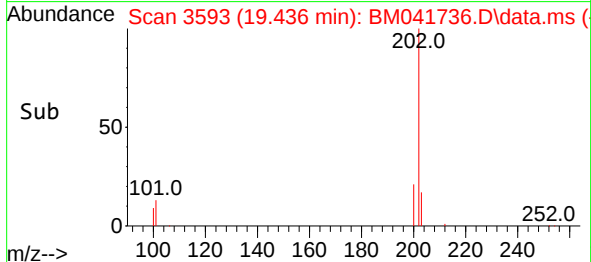
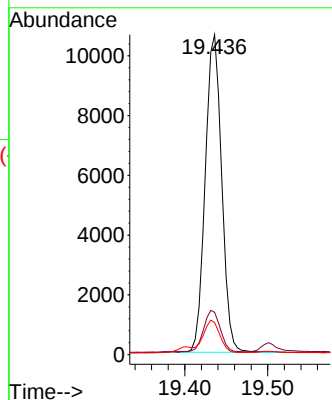
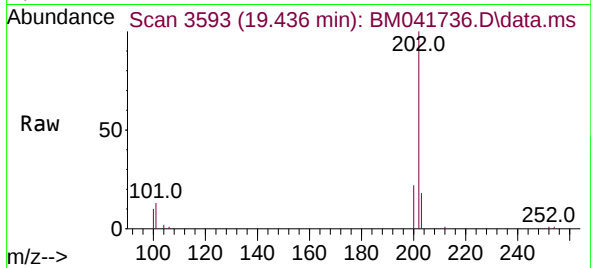




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.436 min Scan# 3593
Delta R.T. -0.000 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

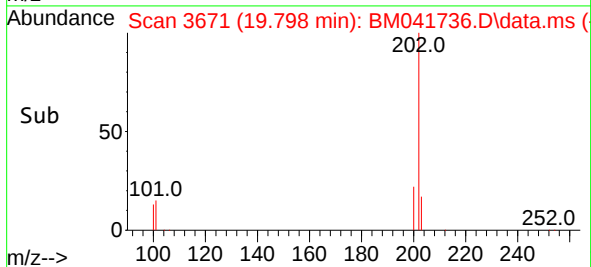
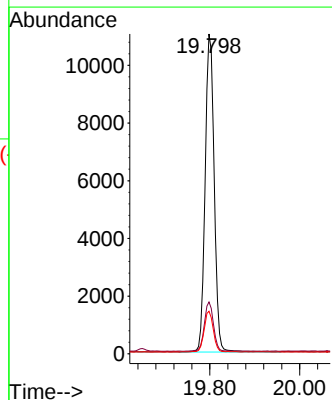
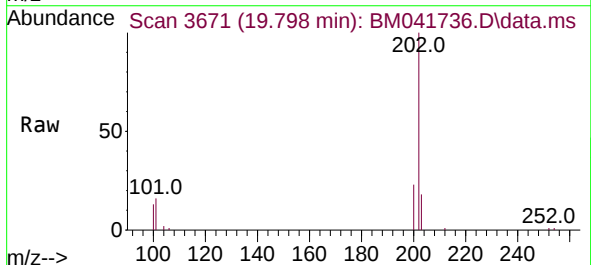
Instrument :
BNA_M
ClientSampleId :

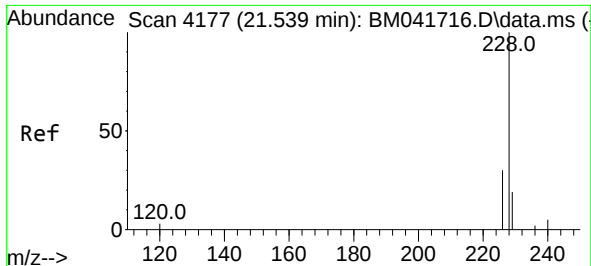
Tgt Ion:	202	Resp:	14564
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.5	15.7
100	10.0	8.4	12.6



#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Tgt Ion:	202	Resp:	15258
Ion Ratio	Lower	Upper	
202	100		
101	16.2	11.8	17.8
100	13.3	9.8	14.6

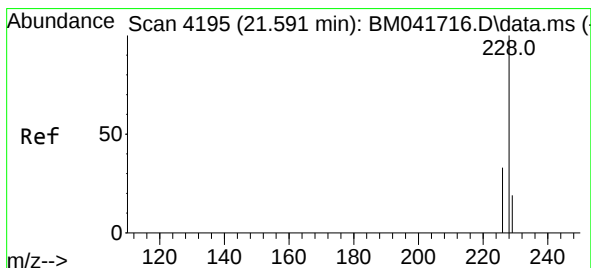
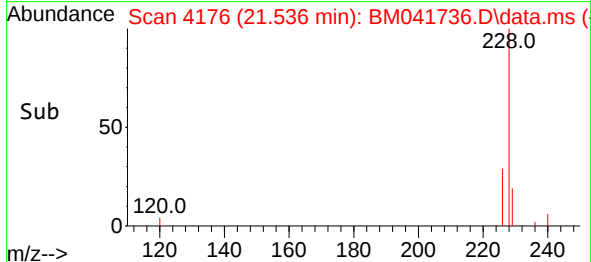
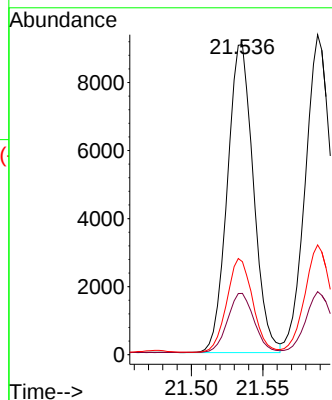
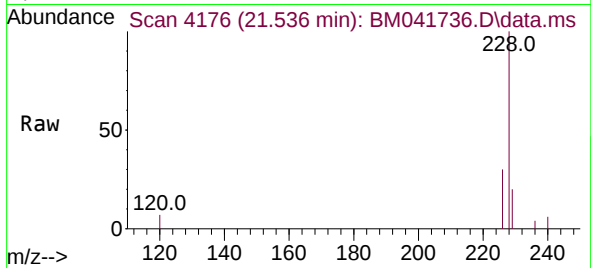




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.536 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

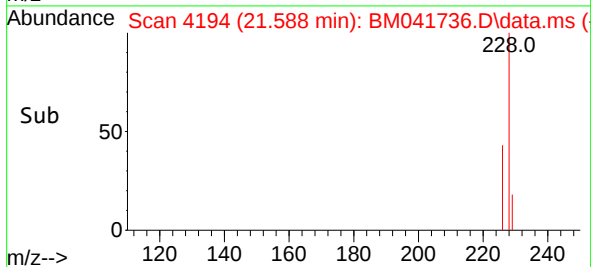
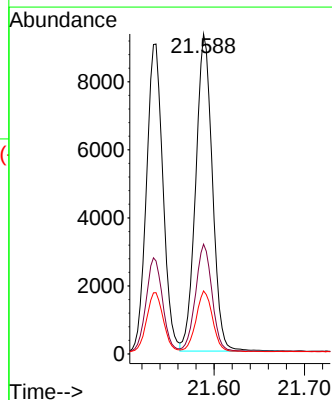
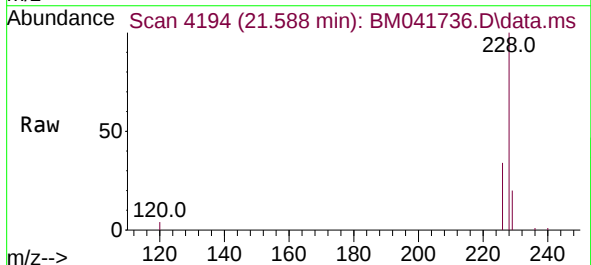
Instrument :
BNA_M
ClientSampleId :

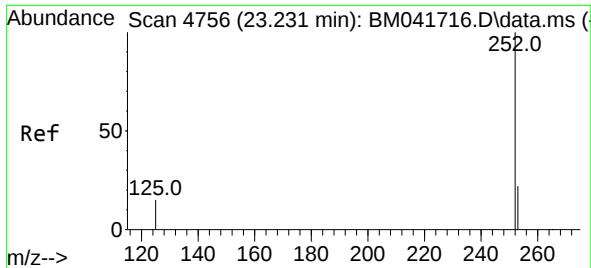
Tgt Ion:228 Resp: 11503
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 30.0 24.8 37.2



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. -0.003 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Tgt Ion:228 Resp: 11923
Ion Ratio Lower Upper
228 100
226 34.3 27.0 40.6
229 19.7 15.4 23.2

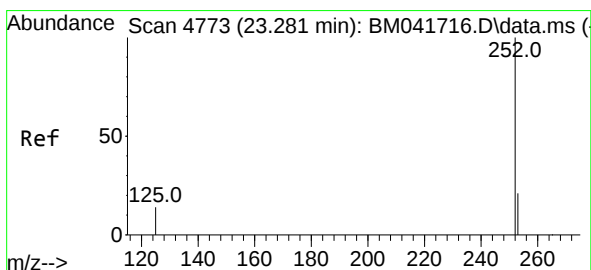
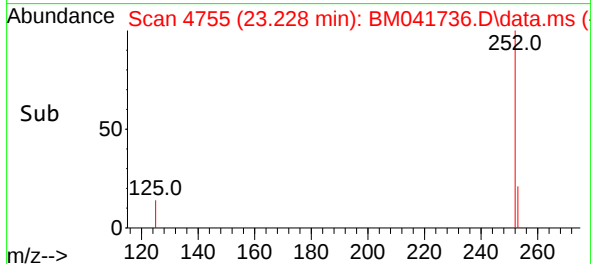
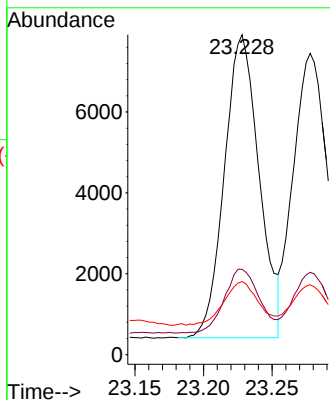
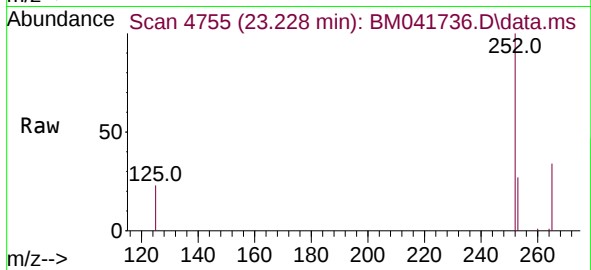




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

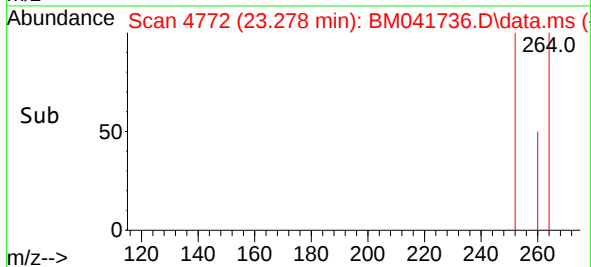
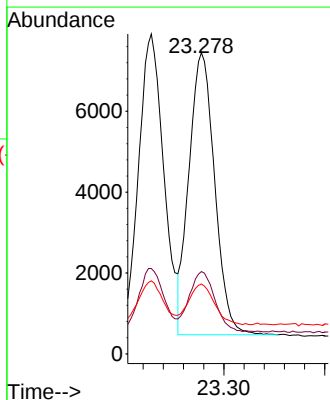
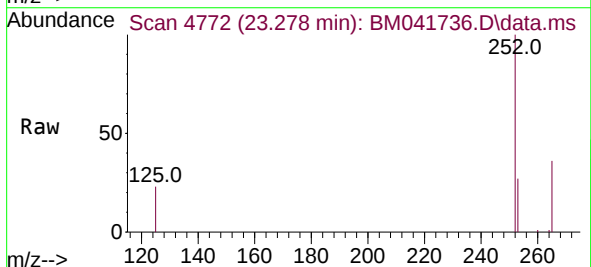
Instrument :
BNA_M
ClientSampleId :

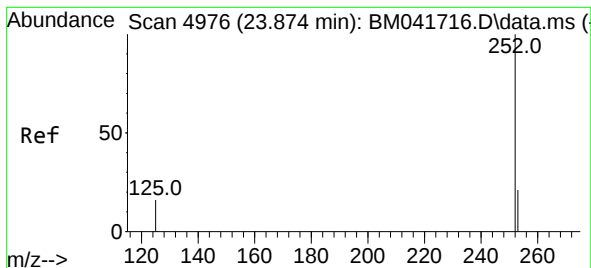
Tgt Ion:252 Resp: 13197
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.4
125 22.8 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM041736.D
Acq: 08 Sep 2023 18:35

Tgt Ion:252 Resp: 12354
Ion Ratio Lower Upper
252 100
253 27.3 21.3 31.9
125 23.2 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.338 ng/ul

RT: 23.868 min Scan# 4974

Delta R.T. -0.006 min

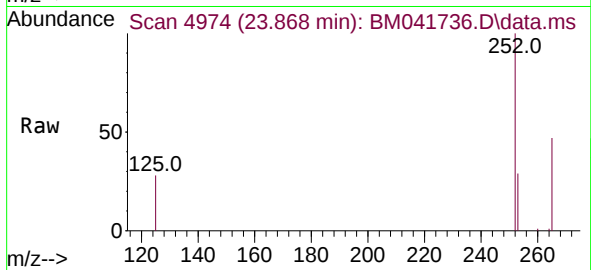
Lab File: BM041736.D

Acq: 08 Sep 2023 18:35

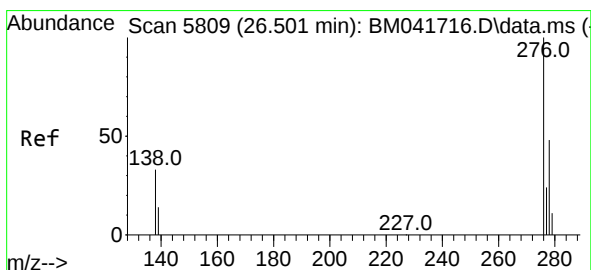
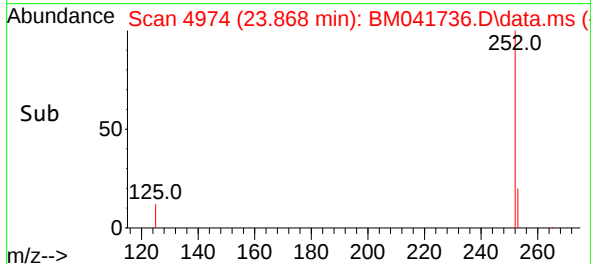
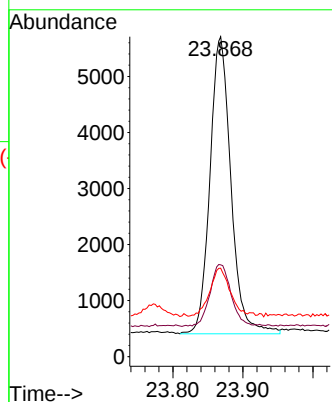
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	11055
Ion Ratio	Lower	Upper	
252	100		
253	28.7	22.4	33.6
125	27.6	21.0	31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng/ul

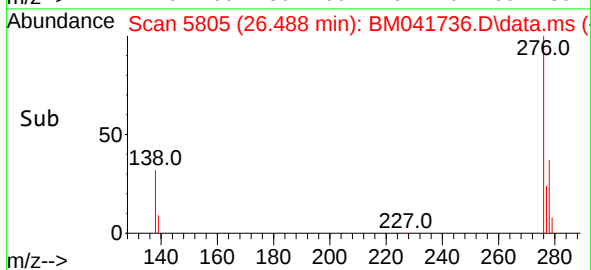
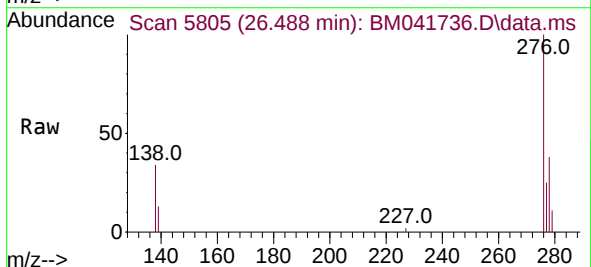
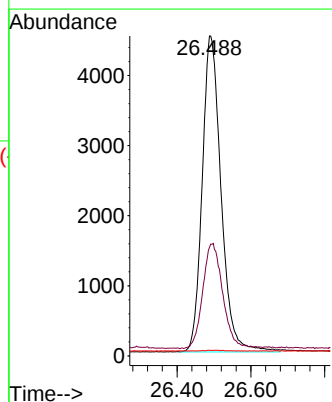
RT: 26.488 min Scan# 5805

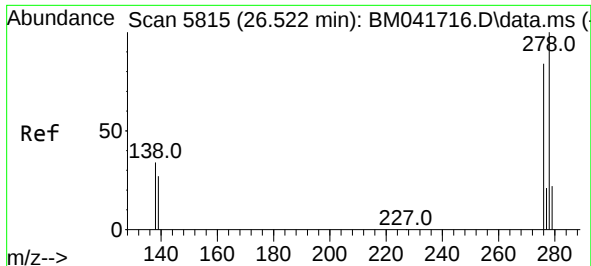
Delta R.T. -0.013 min

Lab File: BM041736.D

Acq: 08 Sep 2023 18:35

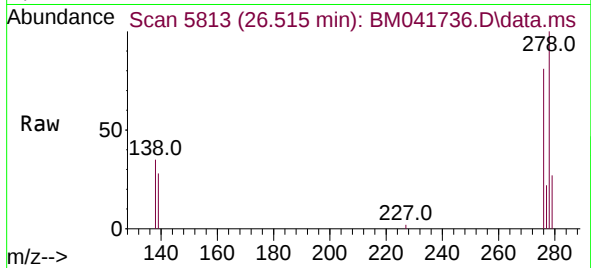
Tgt Ion:	276	Resp:	16016
Ion Ratio	Lower	Upper	
276	100		
138	34.8	26.4	39.6
227	0.0	0.1	0.1



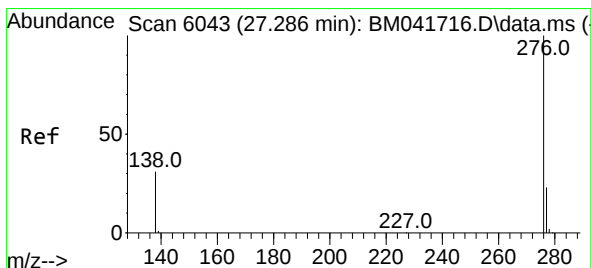
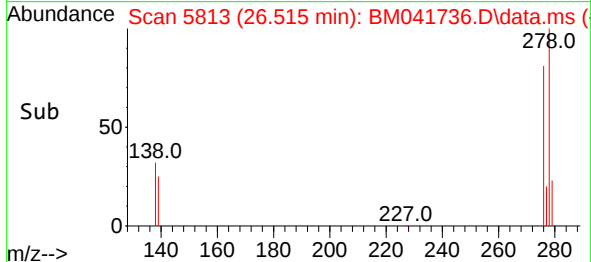
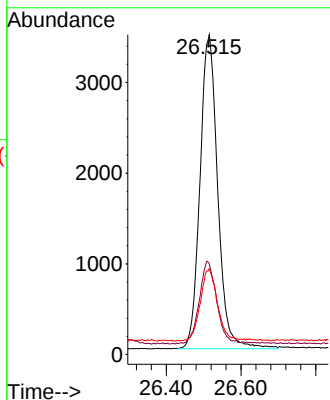


#28
 Dibenzo(a,h)anthracene
 Concen: 0.362 ng/ul
 RT: 26.515 min Scan# 5815
 Delta R.T. -0.007 min
 Lab File: BM041736.D
 Acq: 08 Sep 2023 18:35

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 11406
 Ion Ratio Lower Upper
 278 100
 139 28.5 23.0 34.6
 279 26.8 22.9 34.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.351 ng/ul
 RT: 27.279 min Scan# 6041
 Delta R.T. -0.007 min
 Lab File: BM041736.D
 Acq: 08 Sep 2023 18:35

Tgt Ion:276 Resp: 13957
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.0 37.4
 277 24.5 20.2 30.2

