

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040988.D
 Acq On : 20 Jul 2023 19:13
 Operator : MA/JU
 Sample : 03452-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 21:39:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

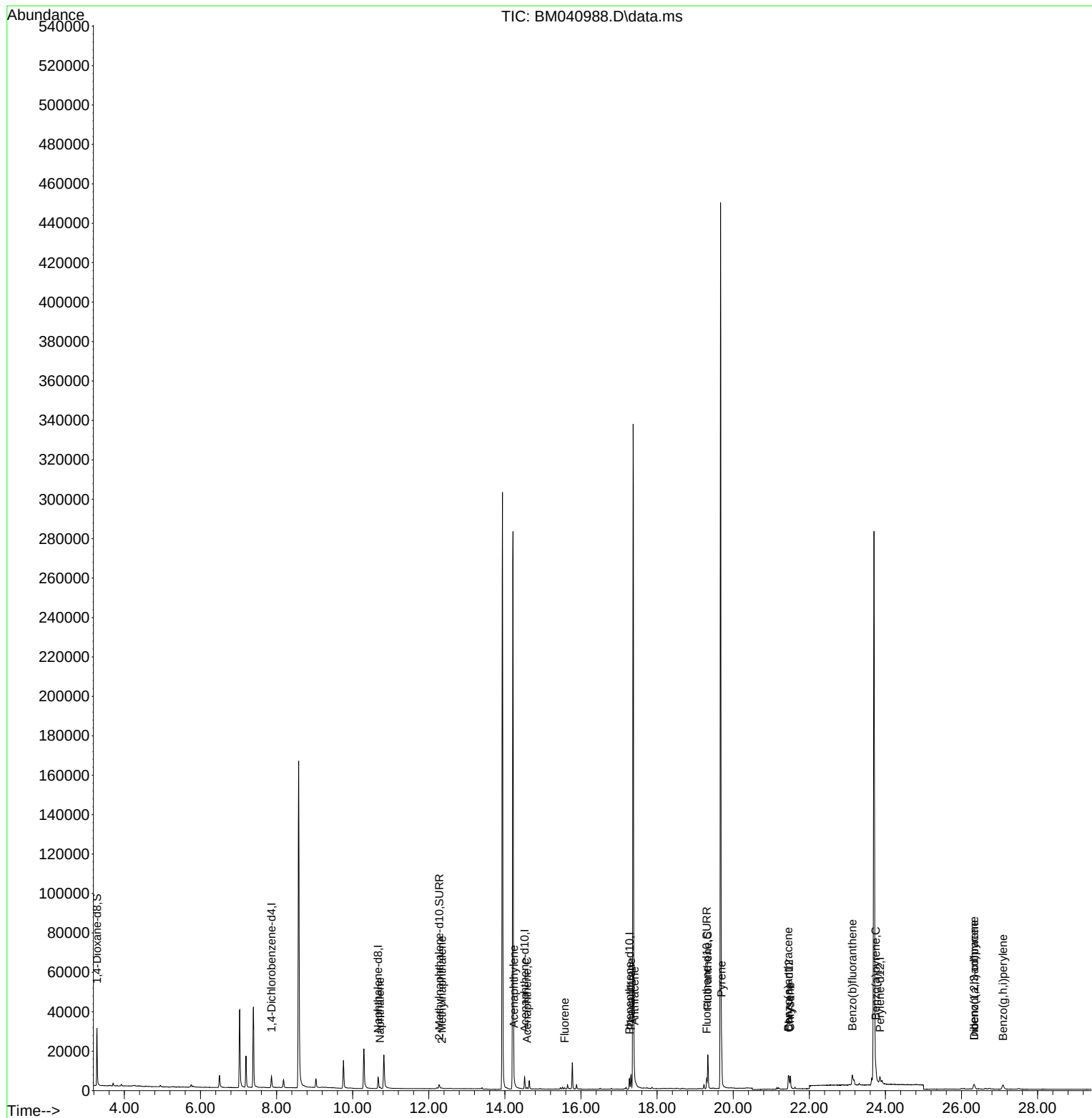
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3239	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	7787	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	3274	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	6379	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	4383	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	5636	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	15949	2.995	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	3883	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	5817	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	938	0.044	ng/ul#	75
7) 2-Methylnaphthalene	12.346	142	271	0.023	ng/ul	98
10) Acenaphthylene	14.240	152	965	0.070	ng/ul#	80
11) Acenaphthene	14.583	153	491	0.041	ng/ul	94
12) Fluorene	15.573	166	498	0.040	ng/ul#	93
15) Phenanthrene	17.312	178	7964	0.418	ng/ul	98
16) Anthracene	17.405	178	1584	0.107	ng/ul#	86
19) Fluoranthene	19.334	202	15532	0.686	ng/ul	99
20) Pyrene	19.696	202	15314	0.662	ng/ul	99
21) Benzo(a)anthracene	21.448	228	5583	0.418	ng/ul	95
22) Chrysene	21.501	228	7022	0.460	ng/ul	96
24) Benzo(b)fluoranthene	23.132	252	8531	0.394	ng/ul	94
26) Benzo(a)pyrene	23.746	252	5946	0.318	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.330	276	4754	0.192	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.334	278	1037	0.055	ng/ul#	48
29) Benzo(g,h,i)perylene	27.092	276	5084	0.222	ng/ul	96

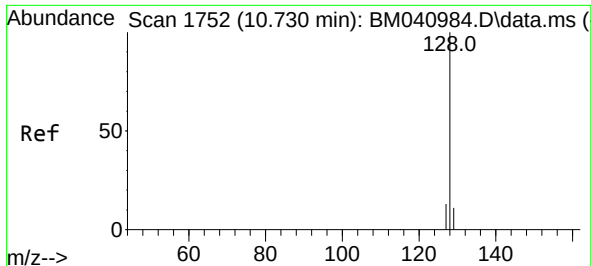
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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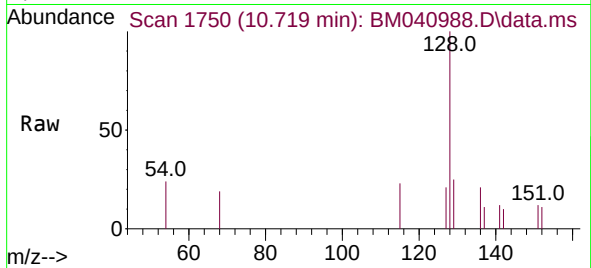
Quant Time: Jul 20 21:39:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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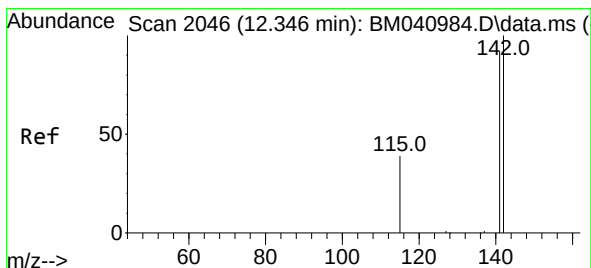
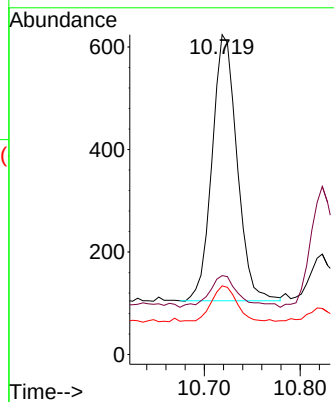
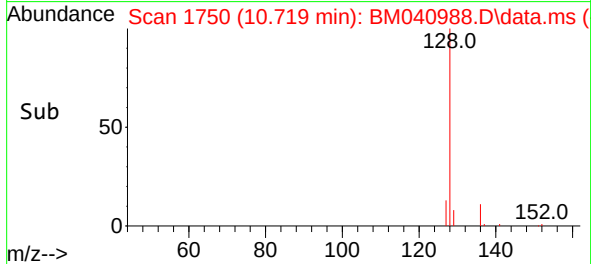


#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Instrument :
BNA_M
ClientSampleId :

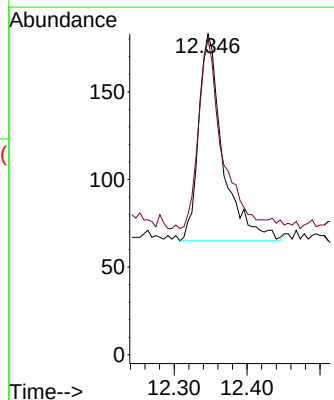
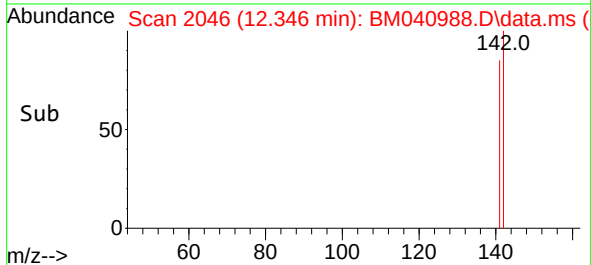
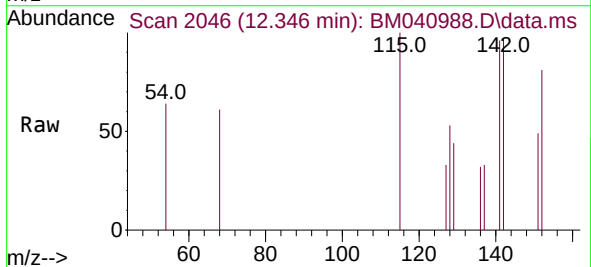


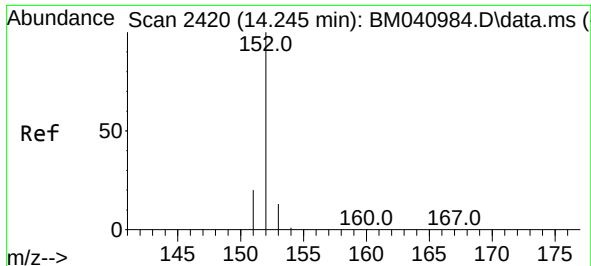
Tgt Ion:128 Resp: 938
Ion Ratio Lower Upper
128 100
129 24.7 9.8 14.8#
127 21.5 11.0 16.4#



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

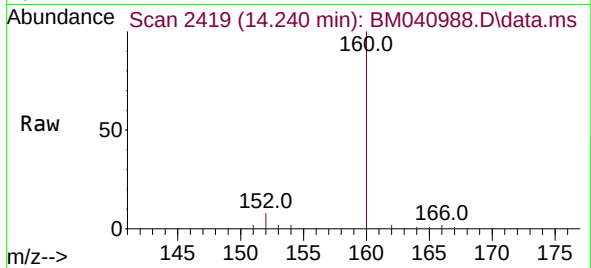
Tgt Ion:142 Resp: 271
Ion Ratio Lower Upper
142 100
141 93.0 73.2 109.8



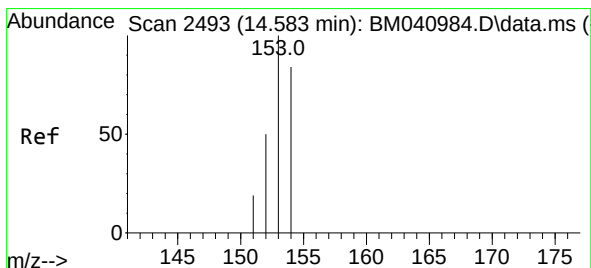
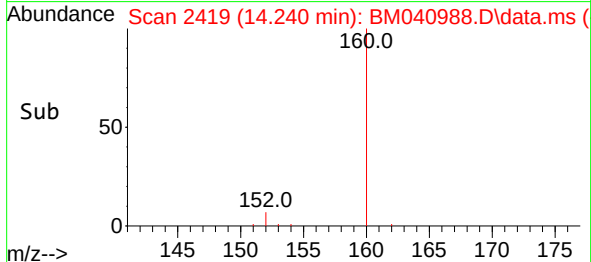
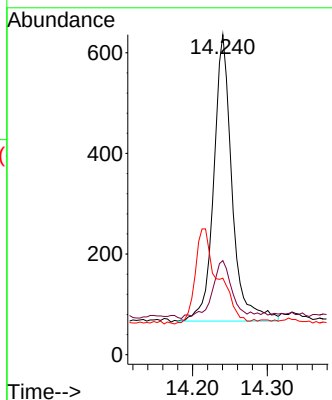


#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Instrument :
BNA_M
ClientSampleId :

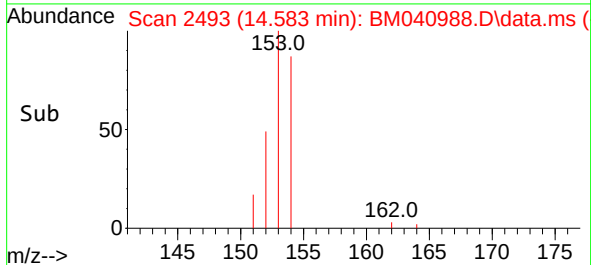
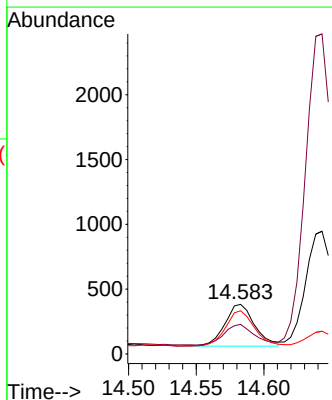
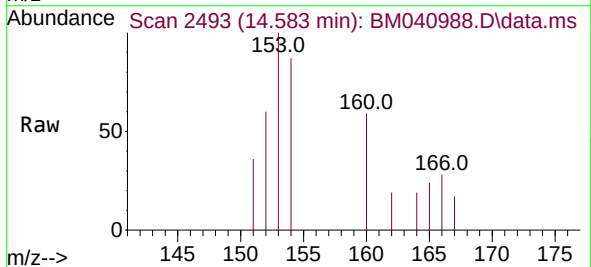


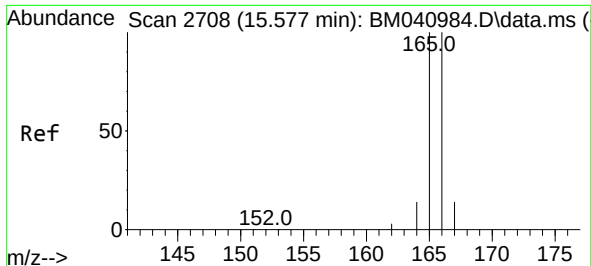
Tgt Ion:152 Resp: 965
Ion Ratio Lower Upper
152 100
151 29.4 16.8 25.2#
153 23.9 11.6 17.4#



#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:153 Resp: 491
Ion Ratio Lower Upper
153 100
152 59.8 41.0 61.6
154 87.2 68.2 102.2

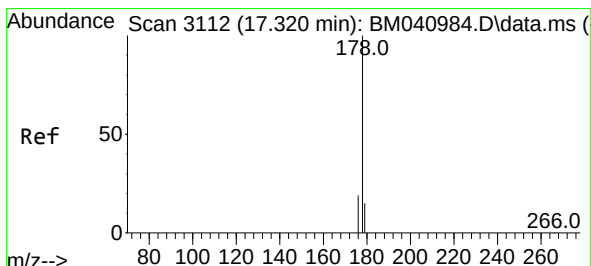
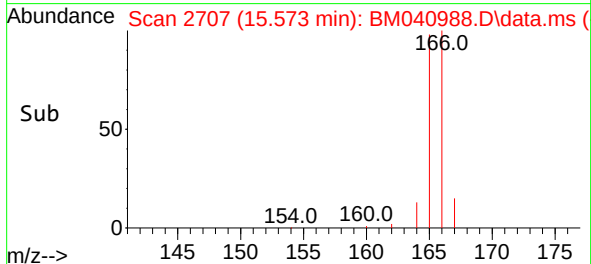
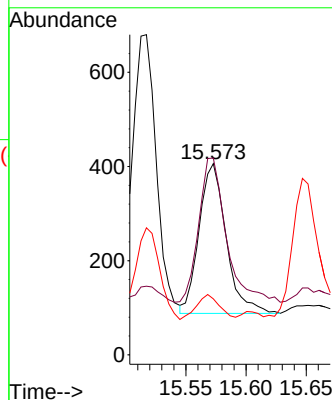
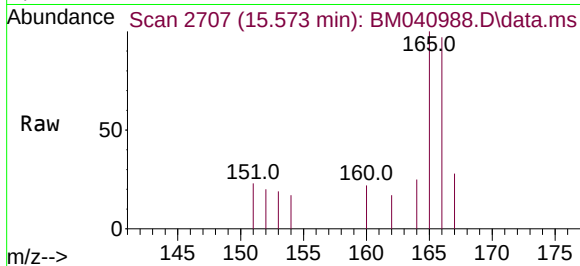




#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.573 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

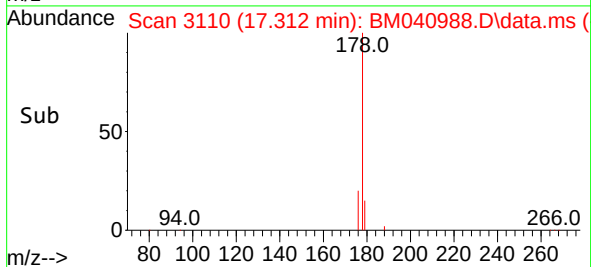
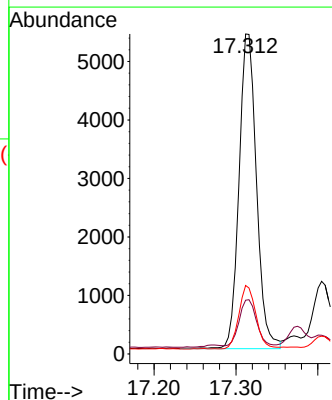
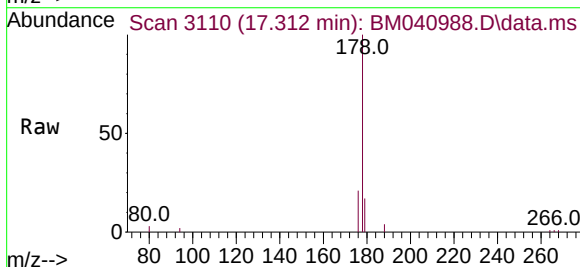
Instrument :
BNA_M
ClientSampleId :

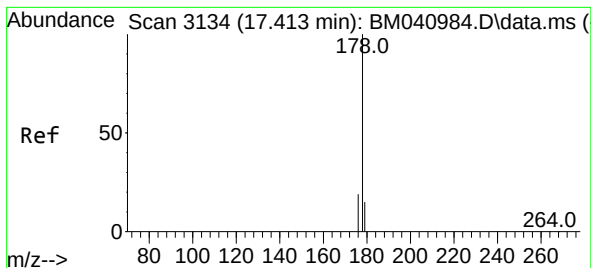
Tgt Ion:166 Resp: 498
Ion Ratio Lower Upper
166 100
165 103.0 80.3 120.5
167 29.3 11.7 17.5#



#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:178 Resp: 7964
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 21.4 16.2 24.4





#16

Anthracene

Concen: 0.107 ng/ul

RT: 17.405 min Scan# 3134

Delta R.T. -0.017 min

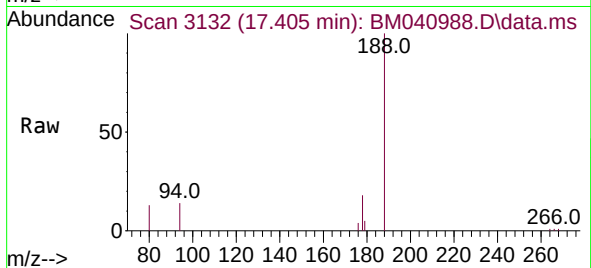
Lab File: BM040988.D

Acq: 20 Jul 2023 19:13

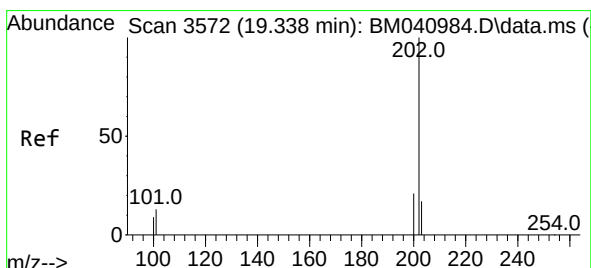
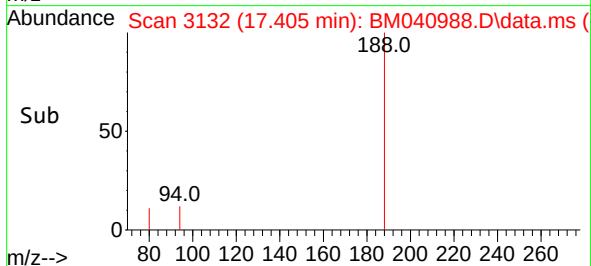
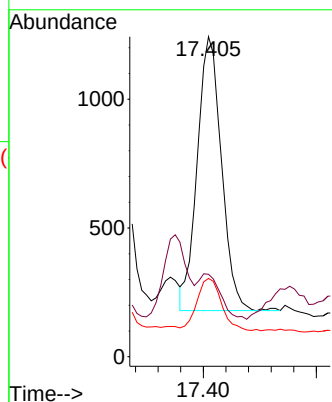
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	178	Resp:	1584
Ion Ratio	Lower	Upper	
178	100		
179	25.7	13.7	20.5#
176	24.5	16.4	24.6



#19

Fluoranthene

Concen: 0.686 ng/ul

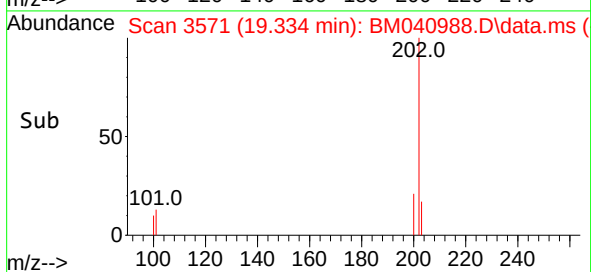
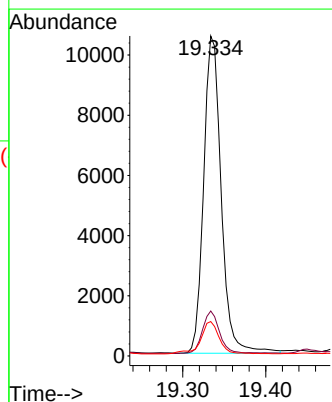
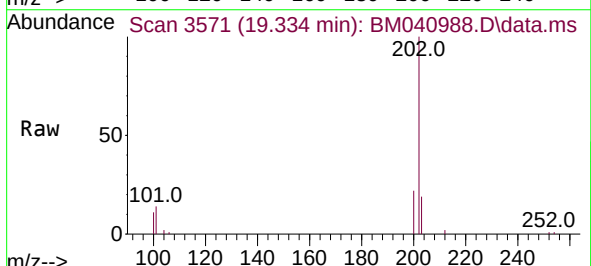
RT: 19.334 min Scan# 3571

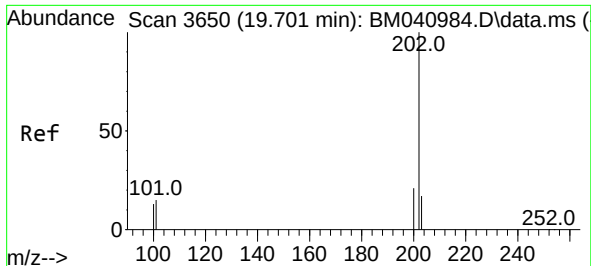
Delta R.T. -0.009 min

Lab File: BM040988.D

Acq: 20 Jul 2023 19:13

Tgt Ion:	202	Resp:	15532
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.0	16.4
100	10.7	8.3	12.5

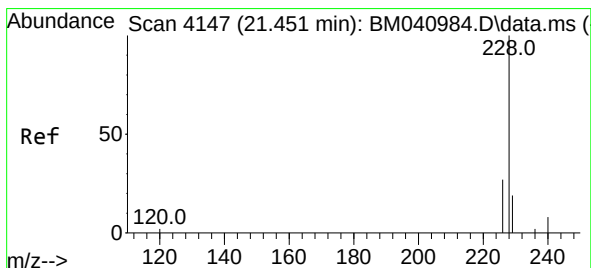
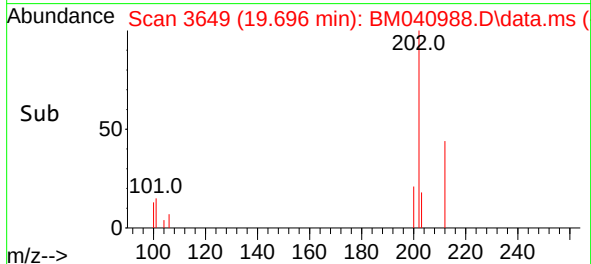
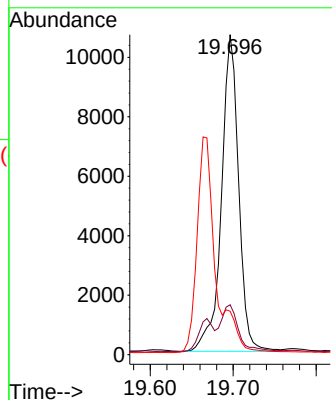
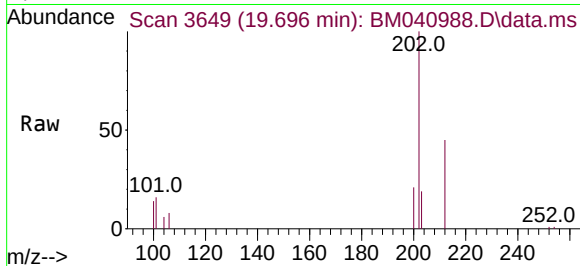




#20
Pyrene
Concen: 0.662 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

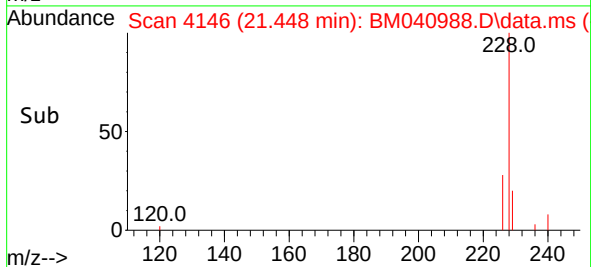
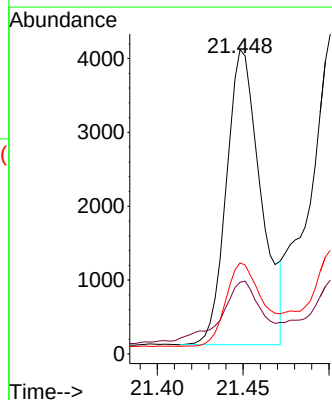
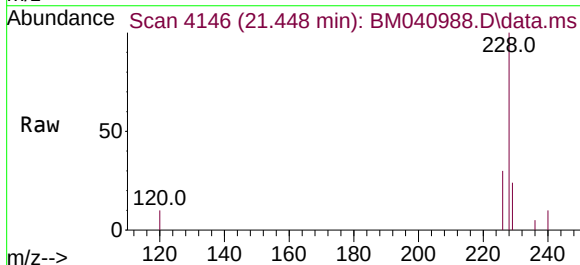
Instrument :
BNA_M
ClientSampleId :

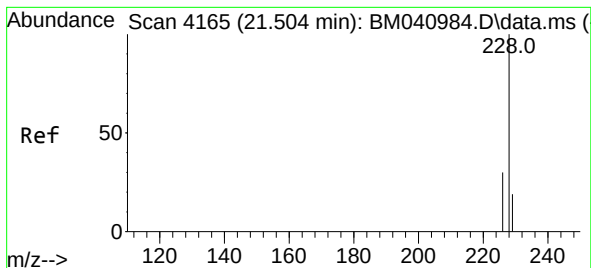
Tgt Ion:202 Resp: 15314
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 13.6 10.0 15.0



#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:228 Resp: 5583
Ion Ratio Lower Upper
228 100
229 23.6 16.2 24.4
226 29.9 22.3 33.5





#22

Chrysene

Concen: 0.460 ng/ul

RT: 21.501 min Scan# 4165

Delta R.T. -0.006 min

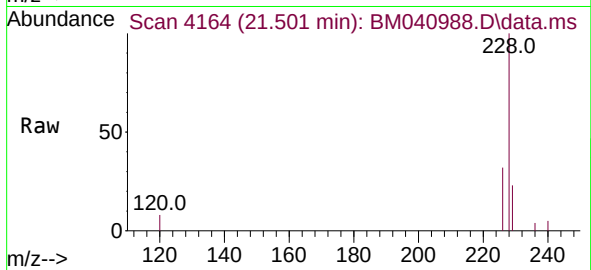
Lab File: BM040988.D

Acq: 20 Jul 2023 19:13

Instrument :

BNA_M

ClientSampleId :



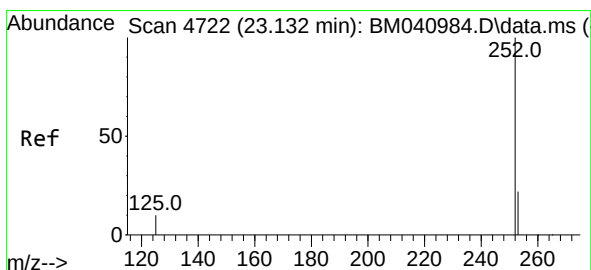
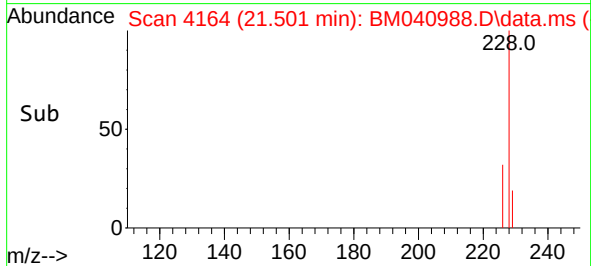
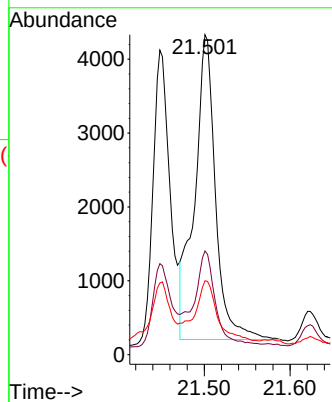
Tgt Ion:228 Resp: 7022

Ion Ratio Lower Upper

228 100

226 32.4 24.6 37.0

229 23.1 16.1 24.1



#24

Benzo(b)fluoranthene

Concen: 0.394 ng/ul

RT: 23.132 min Scan# 4722

Delta R.T. -0.003 min

Lab File: BM040988.D

Acq: 20 Jul 2023 19:13

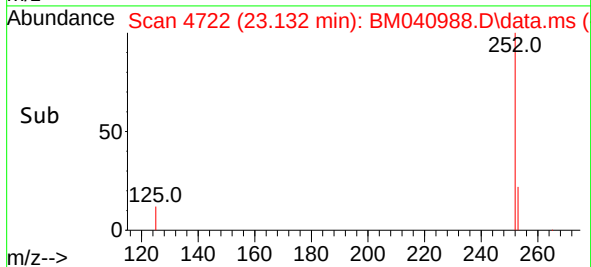
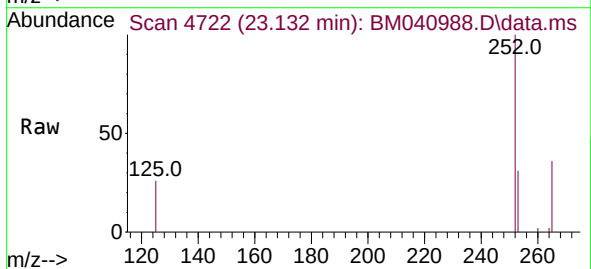
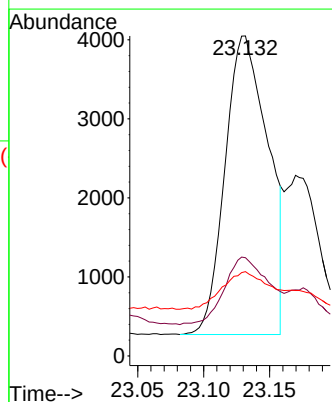
Tgt Ion:252 Resp: 8531

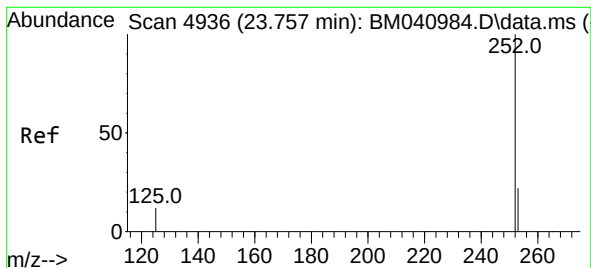
Ion Ratio Lower Upper

252 100

253 30.7 0.0 57.4

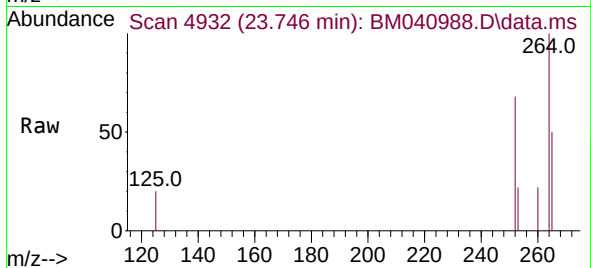
125 26.4 0.0 45.2



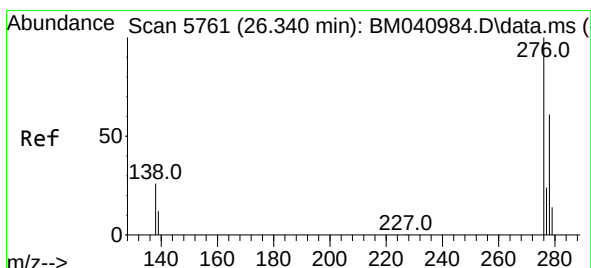
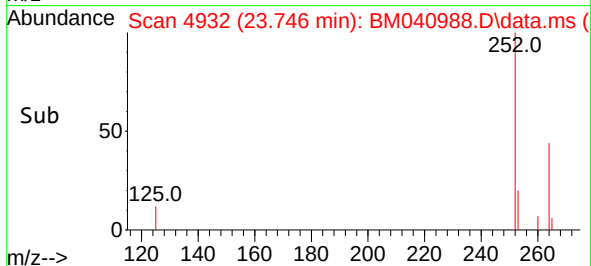
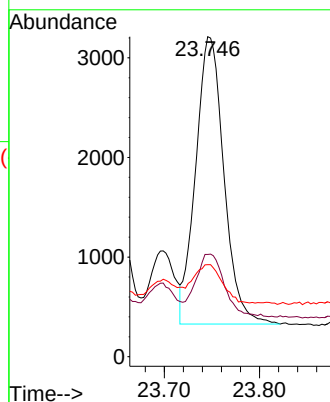


#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.746 min Scan# 4936
Delta R.T. -0.017 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Instrument :
BNA_M
ClientSampleId :

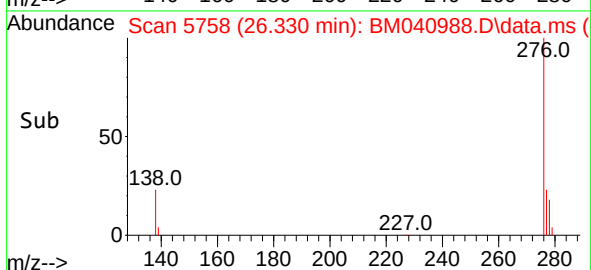
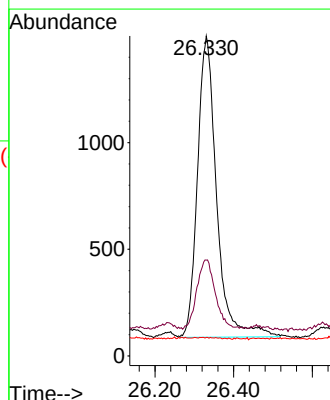
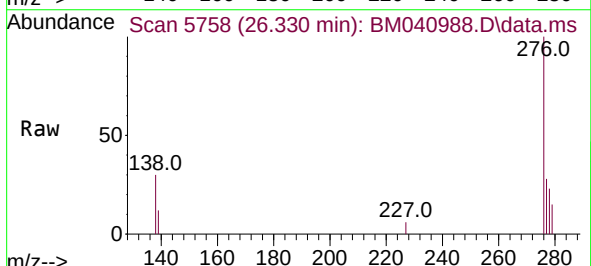


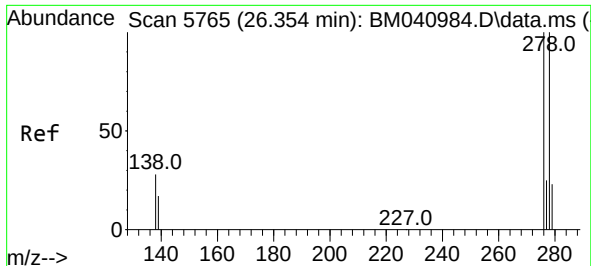
Tgt Ion:252 Resp: 5946
Ion Ratio Lower Upper
252 100
253 32.0 28.2 42.2
125 28.7 25.2 37.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:276 Resp: 4754
Ion Ratio Lower Upper
276 100
138 22.8 22.3 33.5
227 0.5 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.055 ng/ul

RT: 26.334 min Scan# 5

Delta R.T. -0.033 min

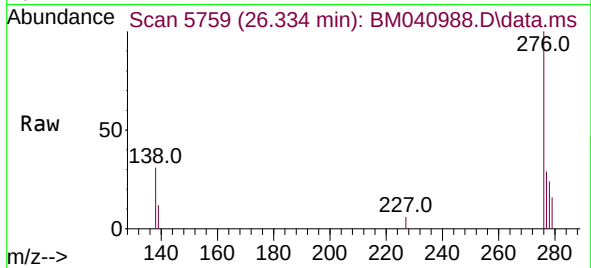
Lab File: BM040988.D

Acq: 20 Jul 2023 19:13

Instrument :

BNA_M

ClientSampleId :



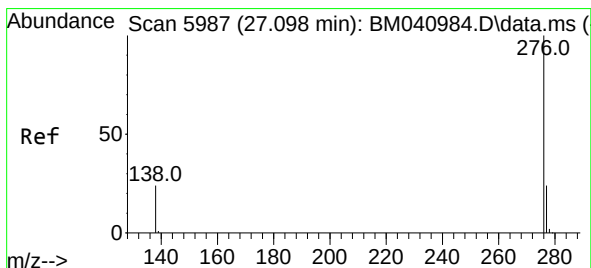
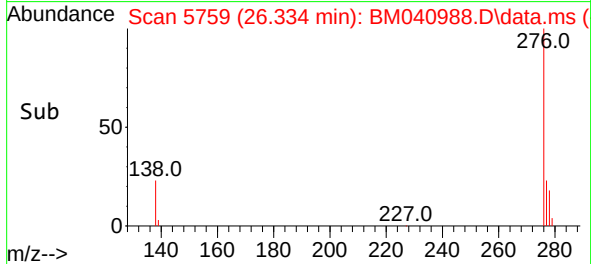
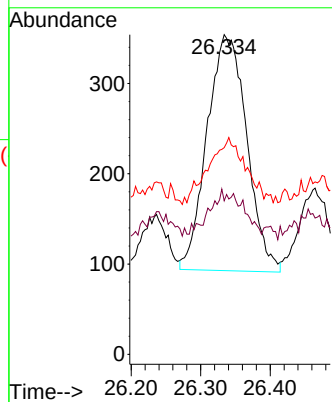
Tgt Ion:278 Resp: 1037

Ion Ratio Lower Upper

278 100

139 48.0 19.2 28.8#

279 64.7 27.0 40.6#



#29

Benzo(g,h,i)perylene

Concen: 0.222 ng/ul

RT: 27.092 min Scan# 5985

Delta R.T. -0.010 min

Lab File: BM040988.D

Acq: 20 Jul 2023 19:13

Tgt Ion:276 Resp: 5084

Ion Ratio Lower Upper

276 100

138 31.0 22.6 34.0

277 27.7 21.2 31.8

