

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040620.D
 Acq On : 04 Jul 2023 20:17
 Operator : MA/JU
 Sample : 03246-11DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:41:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

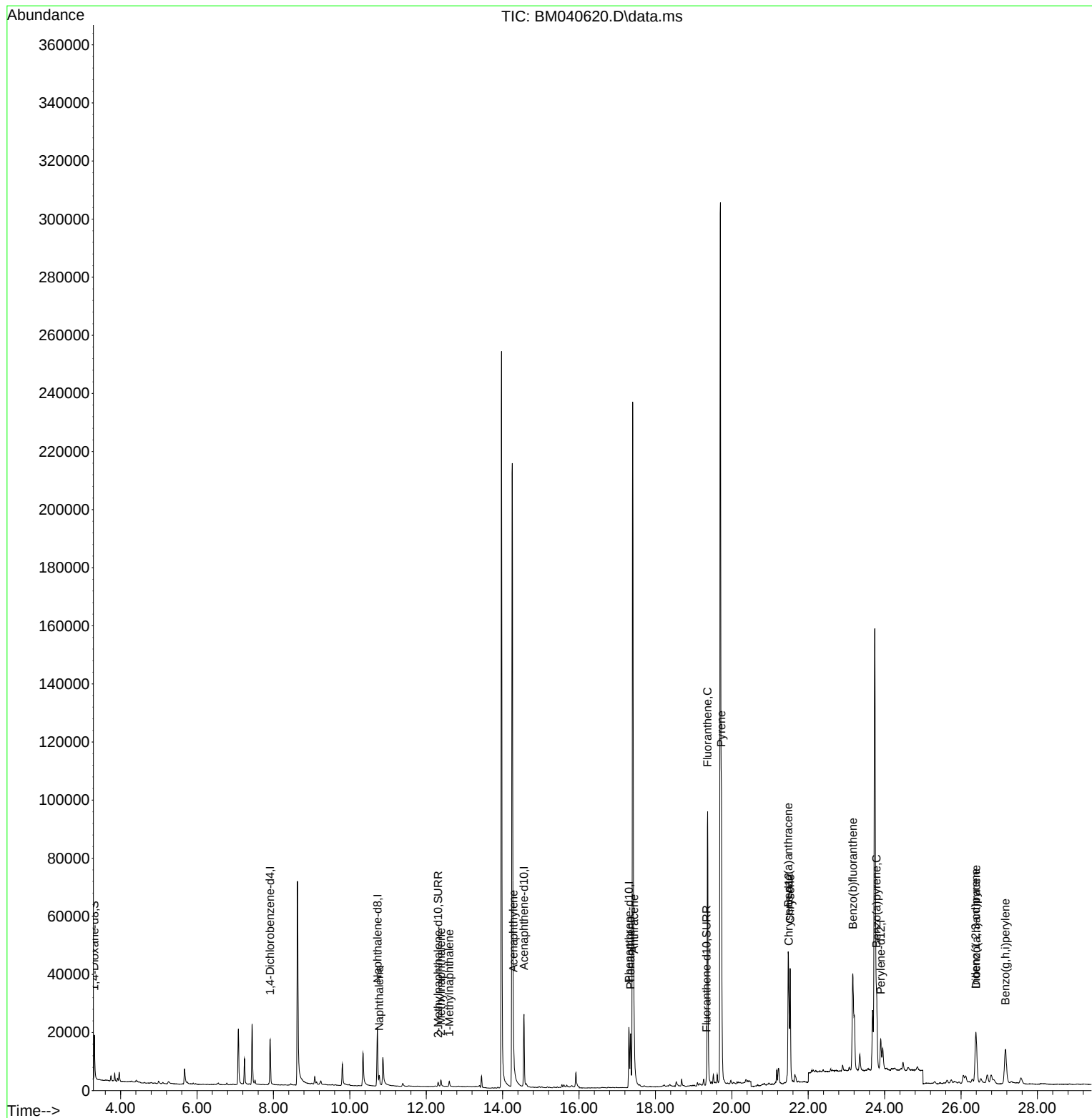
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	8425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	31491	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	14540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	28142	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	16233	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	15877	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	9223	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2459	0.056	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	3635	0.070	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	4209	0.048	ng/ul#	91
7) 2-Methylnaphthalene	12.384	142	2067	0.041	ng/ul	97
8) 1-Methylnaphthalene	12.604	142	1435	0.028	ng/ul	99
10) Acenaphthylene	14.281	152	11617	0.179	ng/ul	97
15) Phenanthrene	17.349	178	22713	0.260	ng/ul	99
16) Anthracene	17.438	178	9461	0.129	ng/ul	95
19) Fluoranthene	19.366	202	93369	1.354	ng/ul	96
20) Pyrene	19.728	202	74911	1.013	ng/ul	99
21) Benzo(a)anthracene	21.477	228	44194	0.805	ng/ul	94
22) Chrysene	21.526	228	40970	0.654	ng/ul	96
24) Benzo(b)fluoranthene	23.166	252	64497	1.050	ng/ul	95
26) Benzo(a)pyrene	23.789	252	37895	0.685	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.387	276	33757	0.438	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.394	278	8217	0.136	ng/ul#	73
29) Benzo(g,h,i)perylene	27.165	276	31264	0.463	ng/ul	98

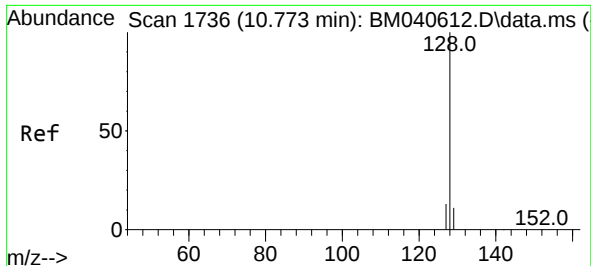
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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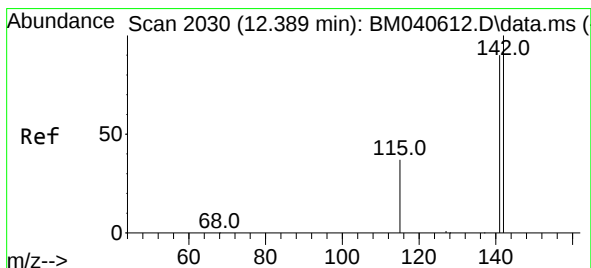
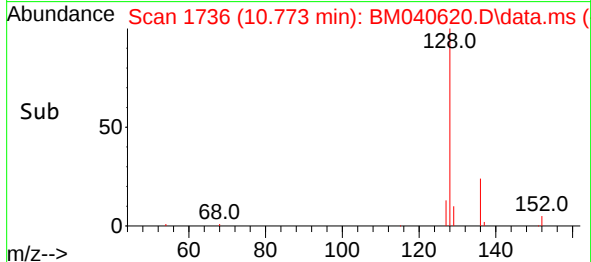
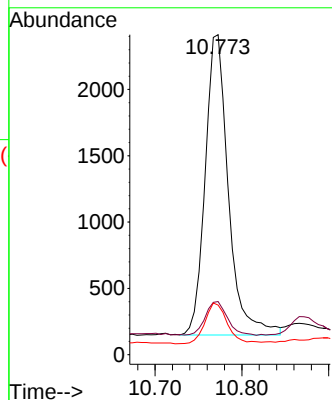
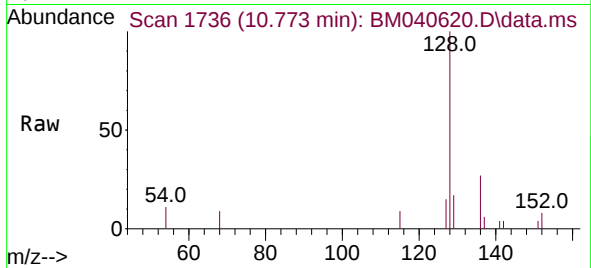




#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

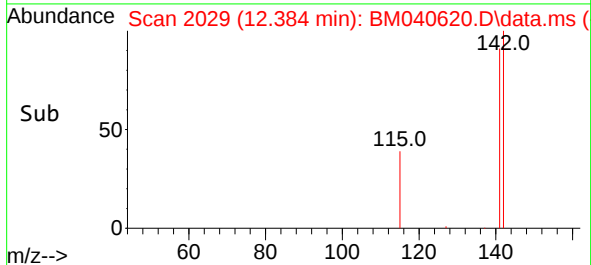
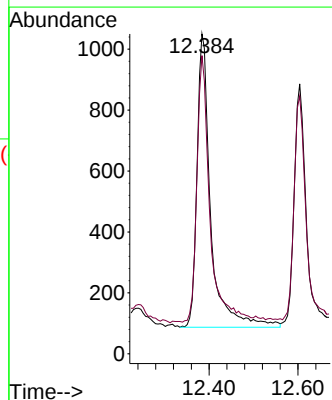
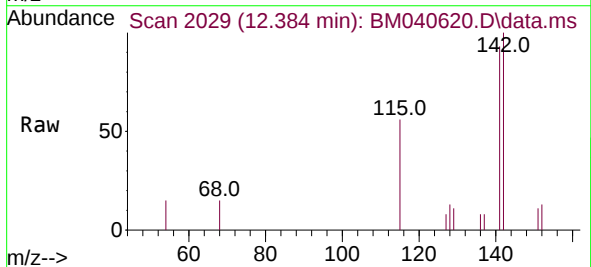
Instrument :
BNA_M
ClientSampleId :

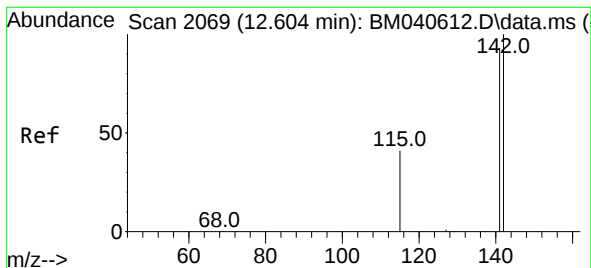
Tgt Ion:128 Resp: 4209
Ion Ratio Lower Upper
128 100
129 16.6 9.2 13.8#
127 15.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

Tgt Ion:142 Resp: 2067
Ion Ratio Lower Upper
142 100
141 87.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.604 min Scan# 2069

Delta R.T. -0.011 min

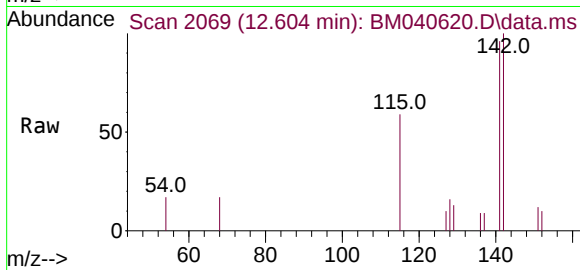
Lab File: BM040620.D

Acq: 04 Jul 2023 20:17

Instrument :

BNA_M

ClientSampleId :

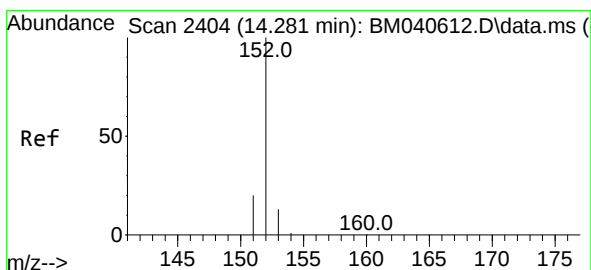
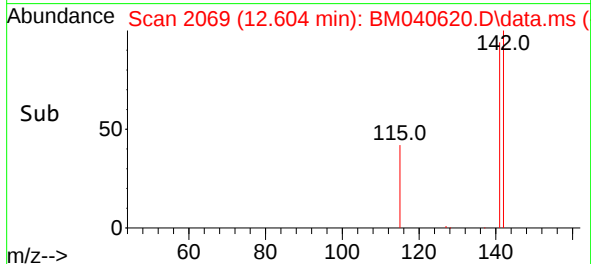
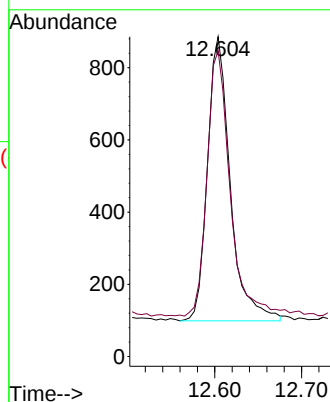


Tgt Ion:142 Resp: 1435

Ion Ratio Lower Upper

142 100

141 93.4 73.7 110.5



#10

Acenaphthylene

Concen: 0.179 ng/ul

RT: 14.281 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BM040620.D

Acq: 04 Jul 2023 20:17

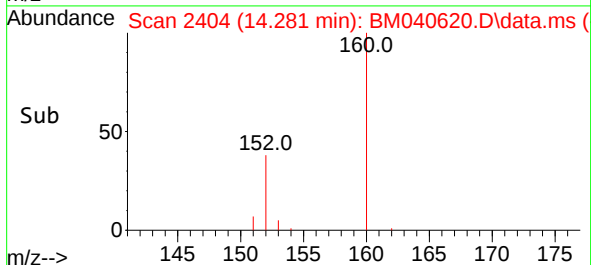
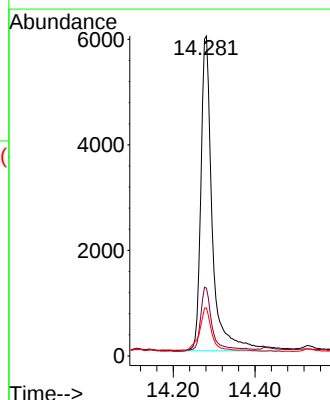
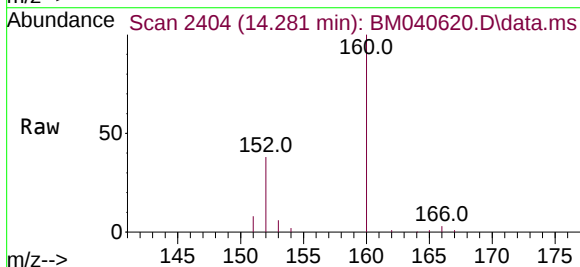
Tgt Ion:152 Resp: 11617

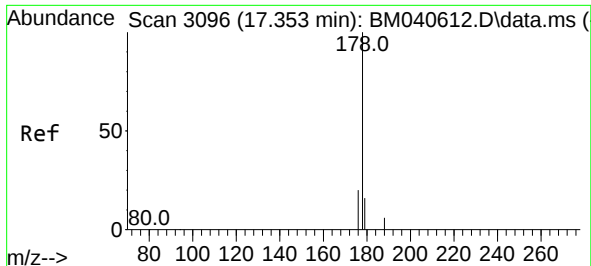
Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.2

153 15.1 10.9 16.3

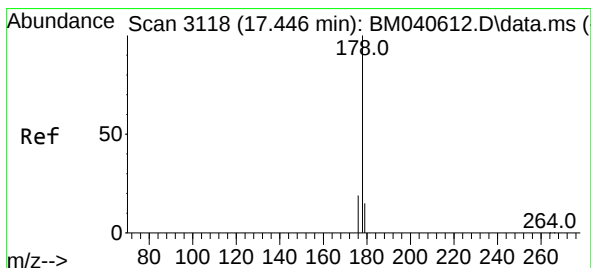
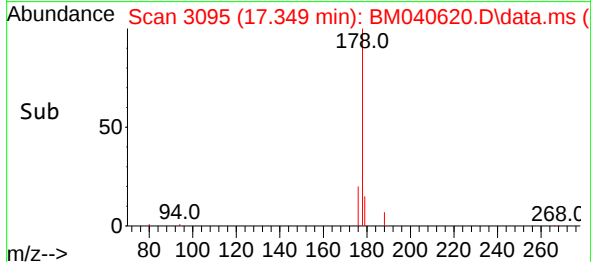
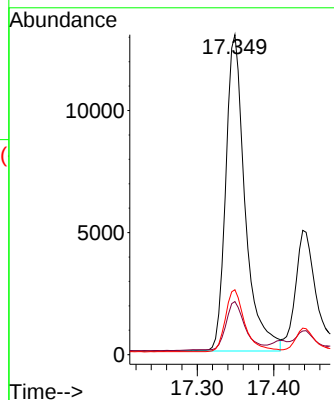
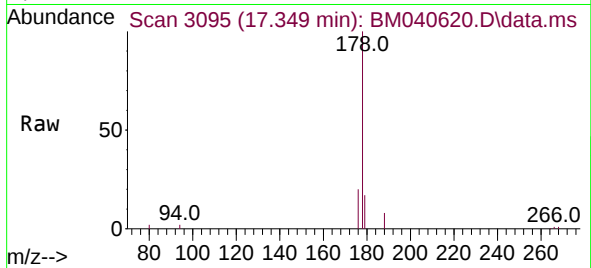




#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

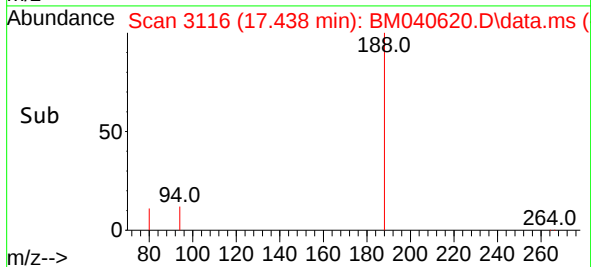
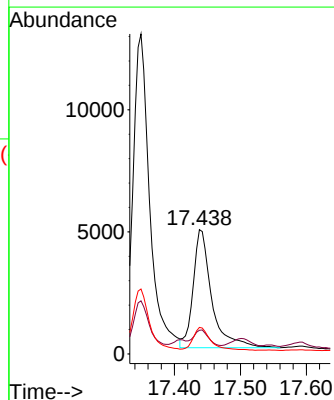
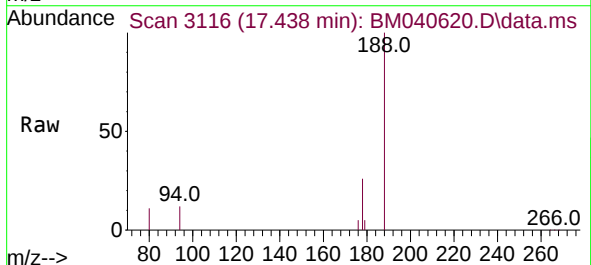
Instrument :
BNA_M
ClientSampleId :

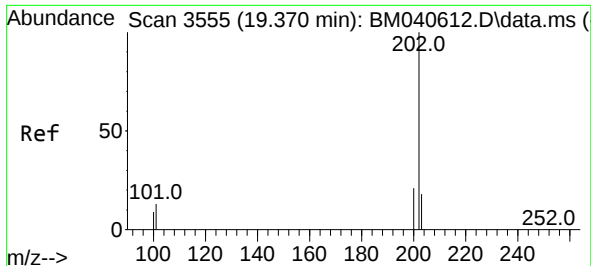
Tgt Ion:178 Resp: 22713
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.3 16.4 24.6



#16
Anthracene
Concen: 0.129 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

Tgt Ion:178 Resp: 9461
Ion Ratio Lower Upper
178 100
179 19.1 12.9 19.3
176 21.4 15.8 23.6

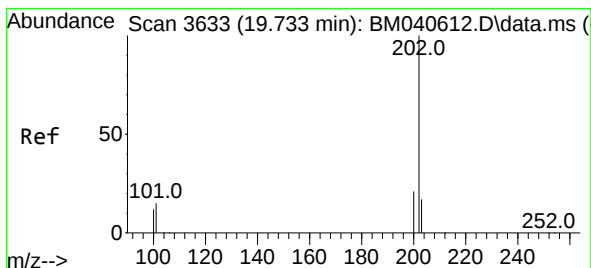
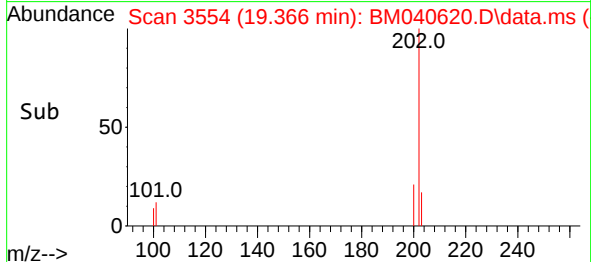
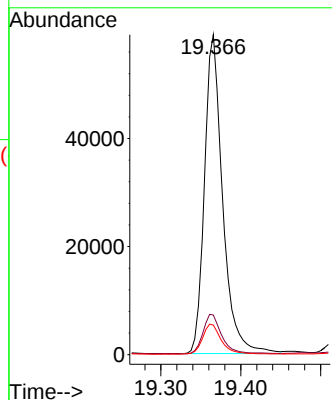
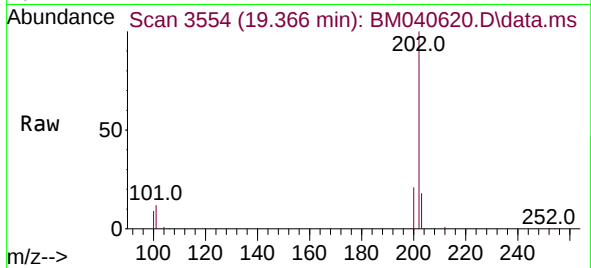




#19
Fluoranthene
Concen: 1.354 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

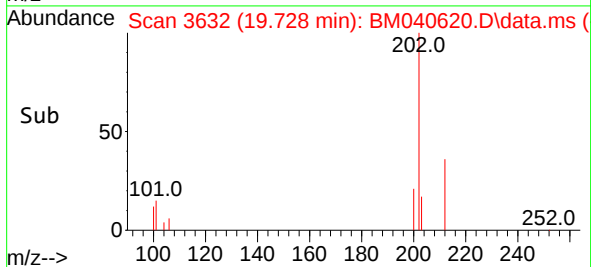
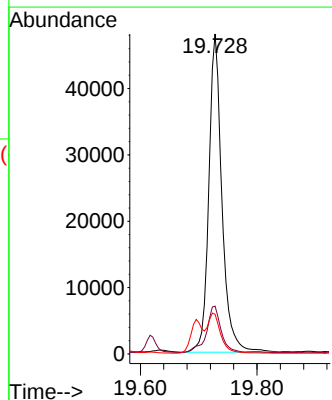
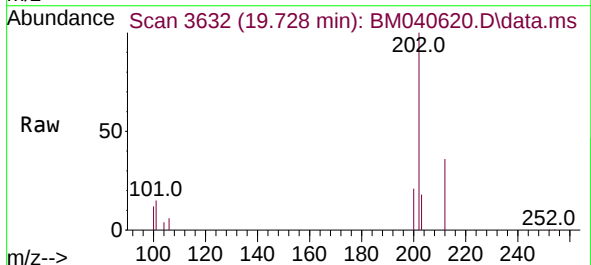
Instrument :
BNA_M
ClientSampleId :

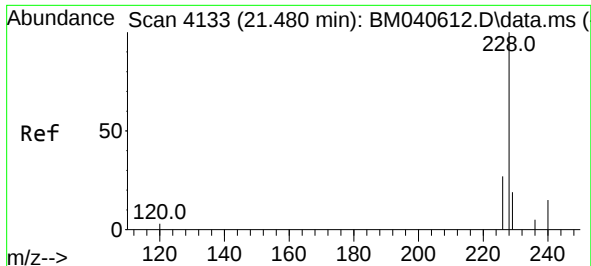
Tgt Ion:202 Resp: 93369
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.2 8.7 13.1



#20
Pyrene
Concen: 1.013 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

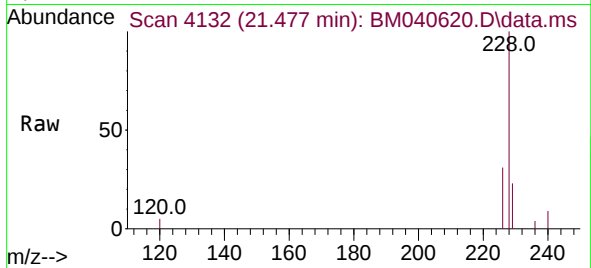
Tgt Ion:202 Resp: 74911
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.4 9.8 14.6



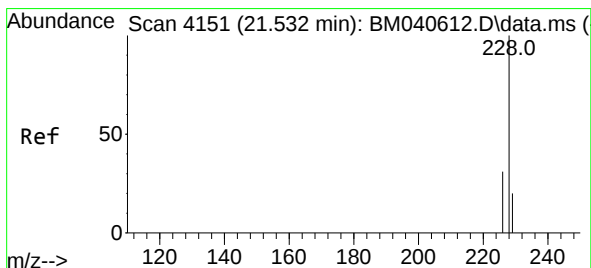
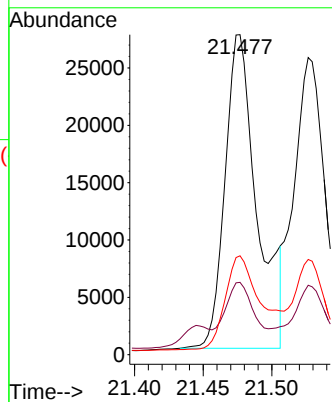
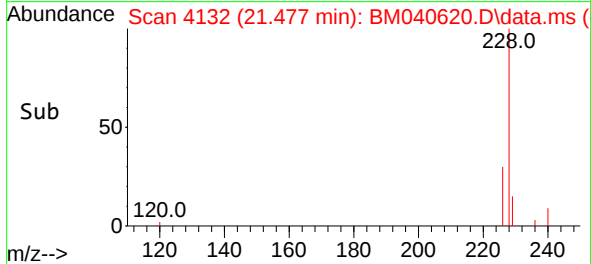


#21
Benzo(a)anthracene
Concen: 0.805 ng/ul
RT: 21.477 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

Instrument :
BNA_M
ClientSampleId :

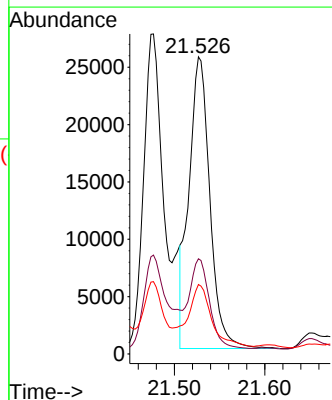
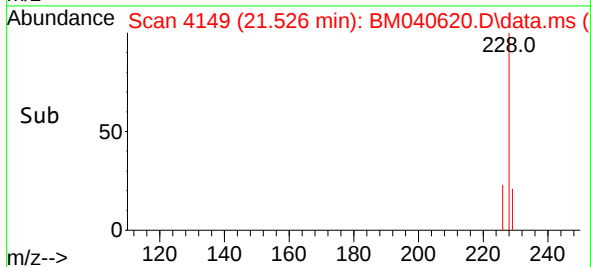
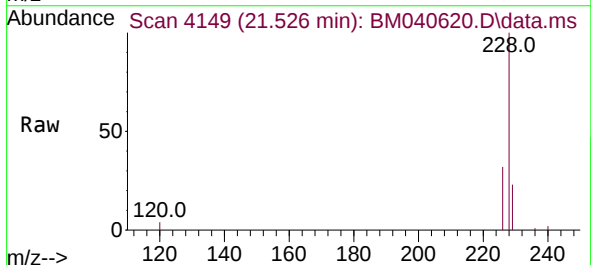


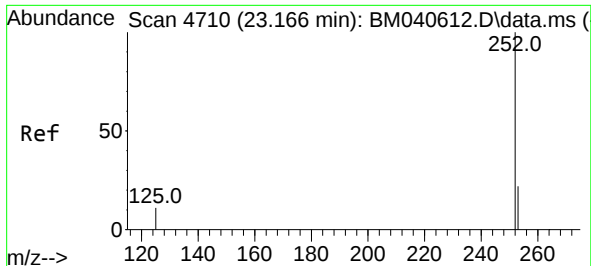
Tgt Ion:228 Resp: 44194
Ion Ratio Lower Upper
228 100
229 22.6 16.0 24.0
226 30.9 22.3 33.5



#22
Chrysene
Concen: 0.654 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

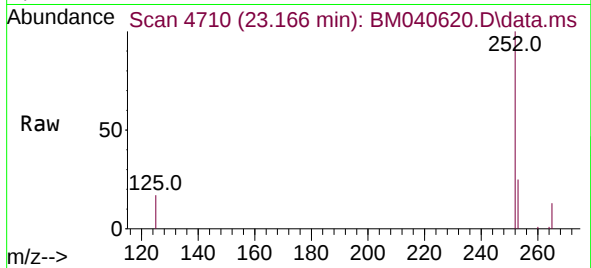
Tgt Ion:228 Resp: 40970
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 23.4 15.8 23.6



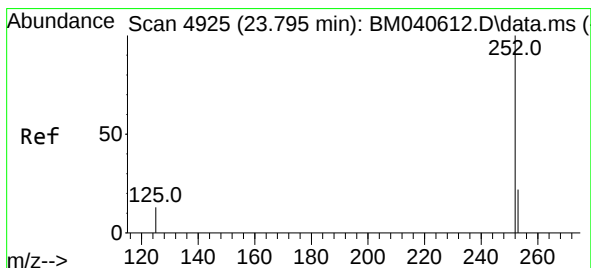
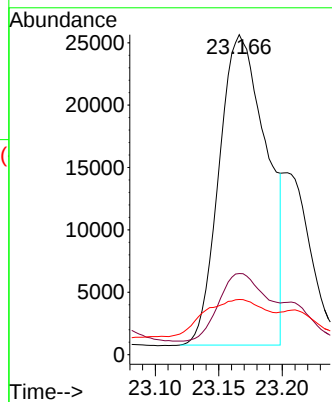
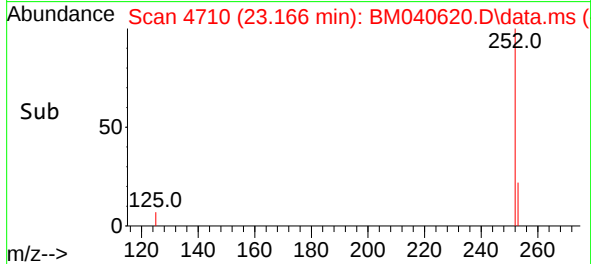


#24
Benzo(b)fluoranthene
Concen: 1.050 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17

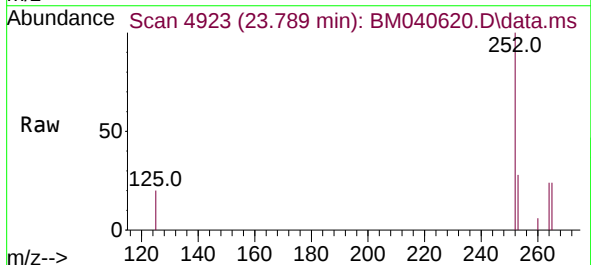
Instrument :
BNA_M
ClientSampleId :



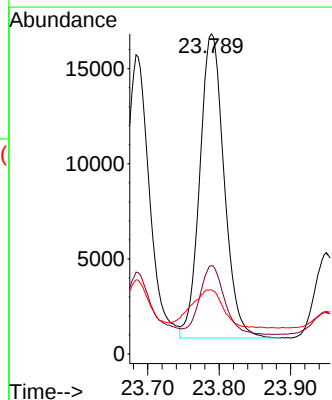
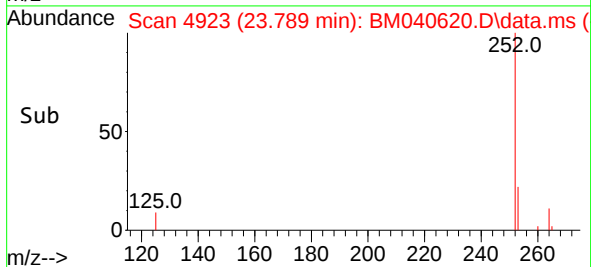
Tgt Ion:252 Resp: 64497
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.8
125 17.2 0.0 43.0

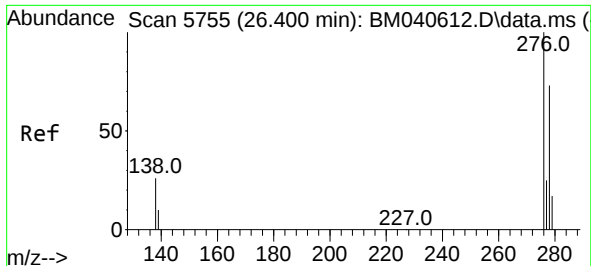


#26
Benzo(a)pyrene
Concen: 0.685 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040620.D
Acq: 04 Jul 2023 20:17



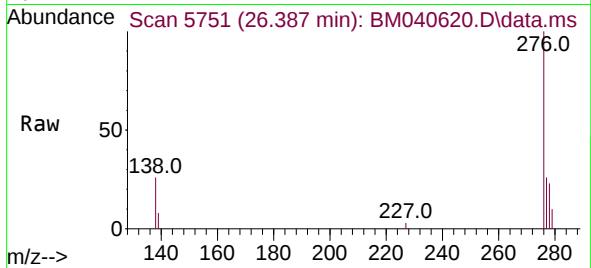
Tgt Ion:252 Resp: 37895
Ion Ratio Lower Upper
252 100
253 27.6 22.9 34.3
125 20.0 21.0 31.4#



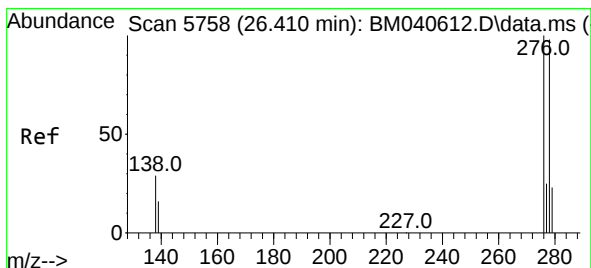
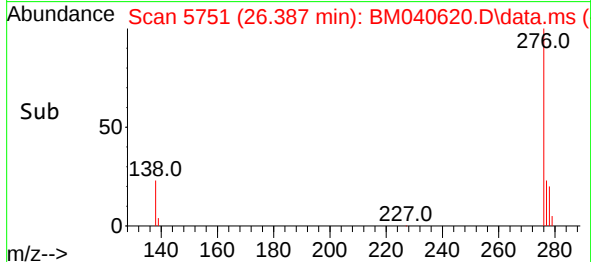
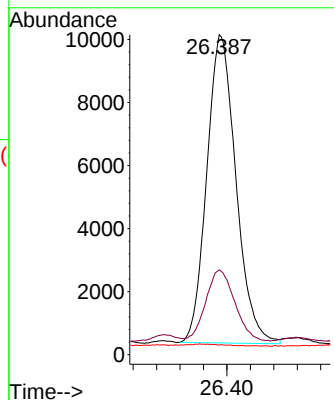


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.438 ng/ul
 RT: 26.387 min Scan# 5751
 Delta R.T. -0.030 min
 Lab File: BM040620.D
 Acq: 04 Jul 2023 20:17

Instrument :
 BNA_M
 ClientSampleId :

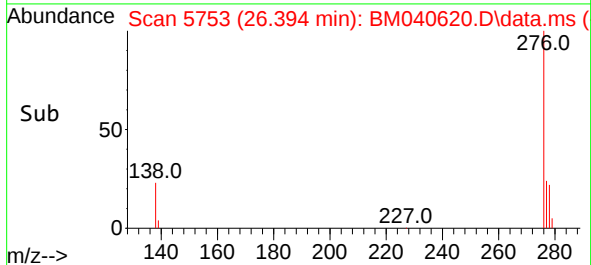
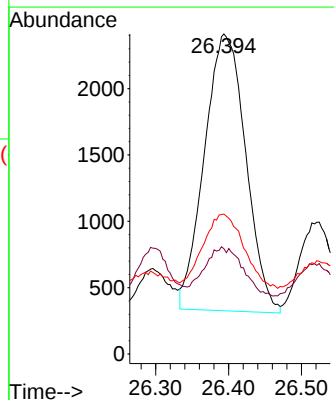
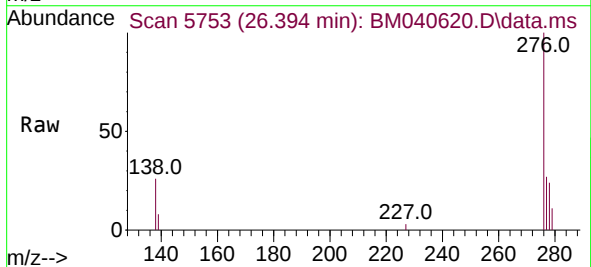


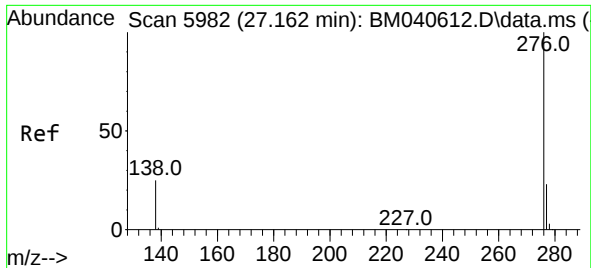
Tgt Ion:276 Resp: 33757
 Ion Ratio Lower Upper
 276 100
 138 23.0 24.5 36.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.136 ng/ul
 RT: 26.394 min Scan# 5753
 Delta R.T. -0.037 min
 Lab File: BM040620.D
 Acq: 04 Jul 2023 20:17

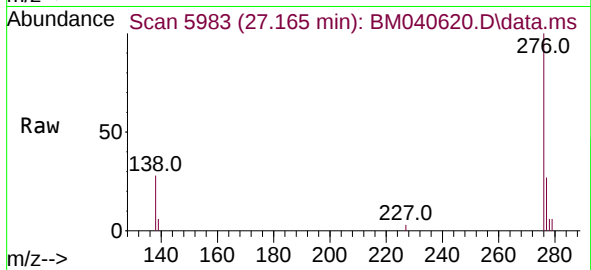
Tgt Ion:278 Resp: 8217
 Ion Ratio Lower Upper
 278 100
 139 32.9 17.9 26.9#
 279 43.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.463 ng/ul
 RT: 27.165 min Scan# 5983
 Delta R.T. -0.017 min
 Lab File: BM040620.D
 Acq: 04 Jul 2023 20:17

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	31264
Ion Ratio	Lower	Upper	
276	100		
138	27.9	23.0	34.6
277	27.0	20.3	30.5

