

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040610.D
 Acq On : 04 Jul 2023 13:27
 Operator : MA/JU
 Sample : 03243-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 01:18:38 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)

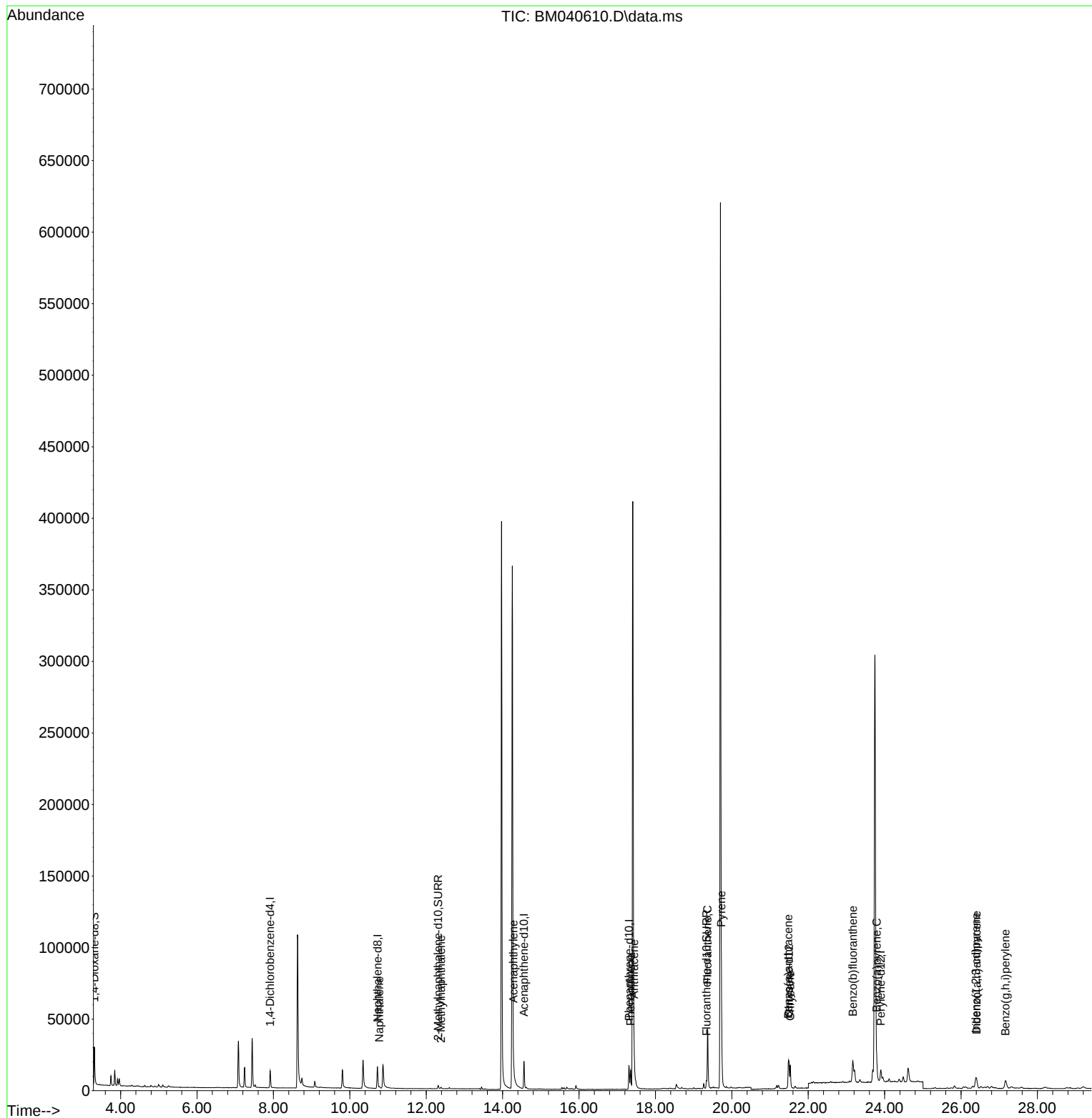
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	6153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	23125	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	11026	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	22084	0.400	ng/ul	-0.01
17) Chrysene-d12	21.494	240	13560	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	13208	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	15791	1.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	3783	0.117	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	6660	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.772	128	1285	0.020	ng/ul#	69
7) 2-Methylnaphthalene	12.384	142	819	0.022	ng/ul	96
10) Acenaphthylene	14.281	152	2822	0.057	ng/ul#	87
15) Phenanthrene	17.349	178	15516	0.226	ng/ul	99
16) Anthracene	17.442	178	2092	0.036	ng/ul#	85
19) Fluoranthene	19.366	202	39440	0.685	ng/ul	98
20) Pyrene	19.728	202	32497	0.526	ng/ul#	95
21) Benzo(a)anthracene	21.477	228	17122	0.373	ng/ul	96
22) Chrysene	21.529	228	16954	0.324	ng/ul	96
24) Benzo(b)fluoranthene	23.166	252	26682	0.522	ng/ul	97
26) Benzo(a)pyrene	23.792	252	15632	0.340	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.390	276	15355	0.239	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.407	278	3538	0.070	ng/ul#	51
29) Benzo(g,h,i)perylene	27.165	276	14346	0.255	ng/ul	96

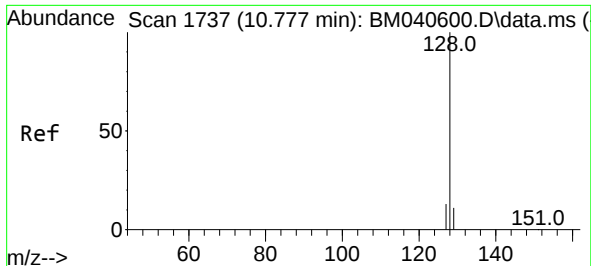
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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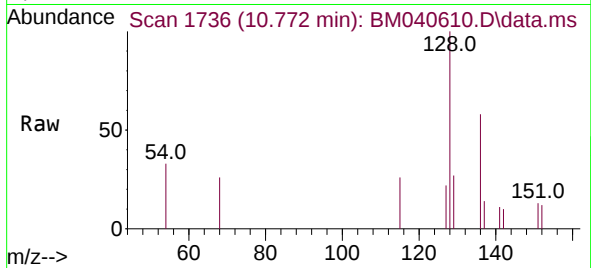
Quant Time: Jul 05 01:18:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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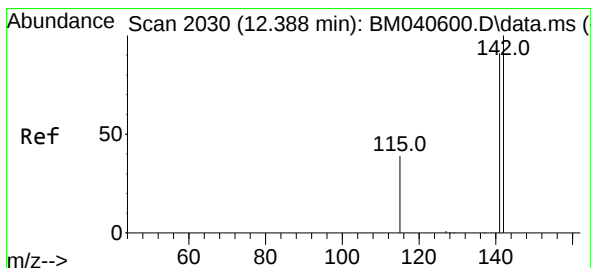
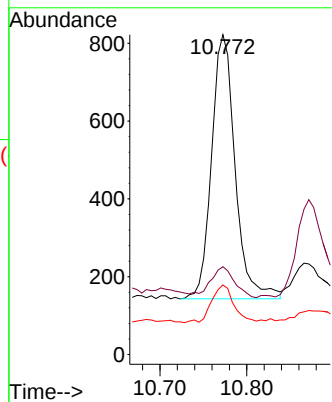
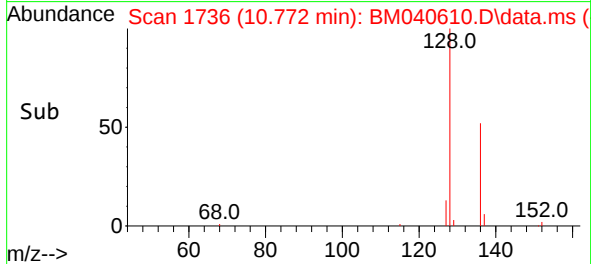


#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.772 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Instrument :
BNA_M
ClientSampleId :

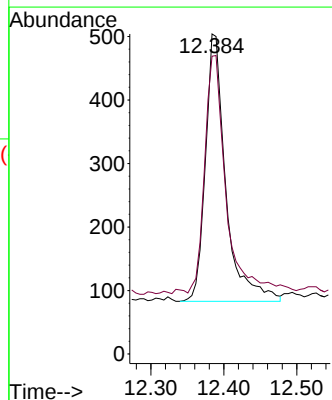
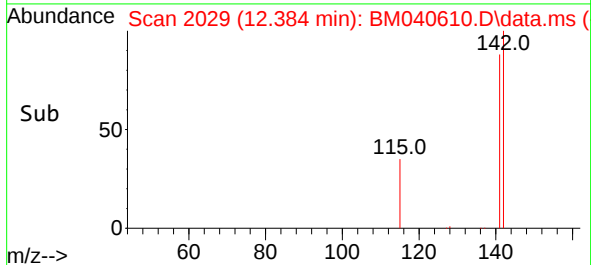
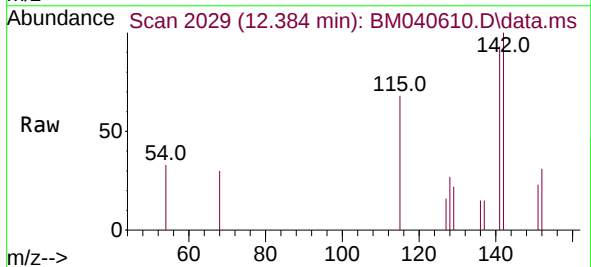


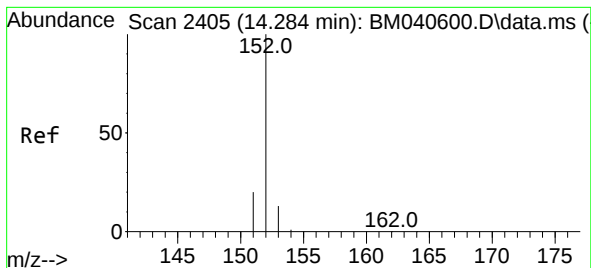
Tgt Ion:128 Resp: 1285
Ion Ratio Lower Upper
128 100
129 27.5 9.2 13.8#
127 21.8 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Tgt Ion:142 Resp: 819
Ion Ratio Lower Upper
142 100
141 93.3 71.9 107.9





#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.281 min Scan# 2405

Delta R.T. -0.009 min

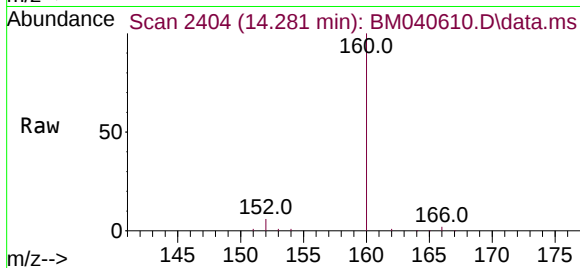
Lab File: BM040610.D

Acq: 04 Jul 2023 13:27

Instrument :

BNA_M

ClientSampleId :



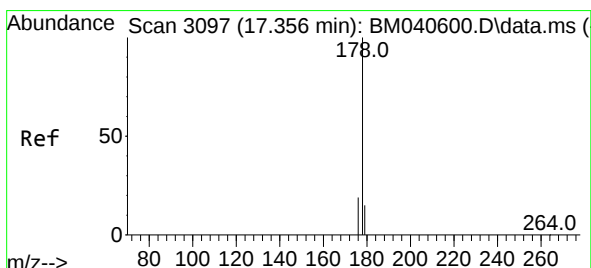
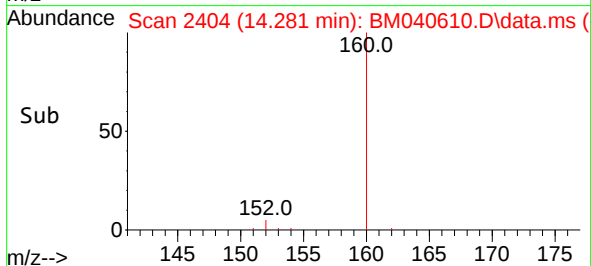
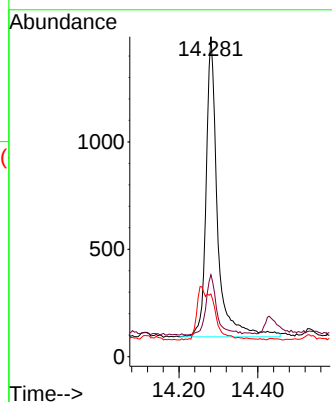
Tgt Ion:152 Resp: 2822

Ion Ratio Lower Upper

152 100

151 25.6 16.2 24.2#

153 19.6 10.9 16.3#



#15

Phenanthrene

Concen: 0.226 ng/ul

RT: 17.349 min Scan# 3095

Delta R.T. -0.013 min

Lab File: BM040610.D

Acq: 04 Jul 2023 13:27

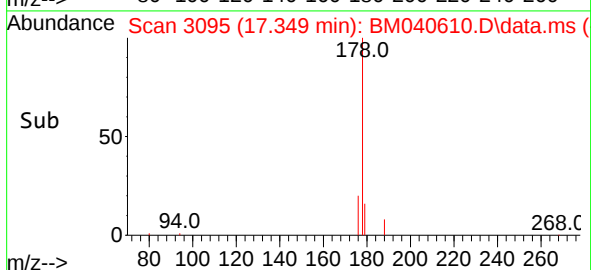
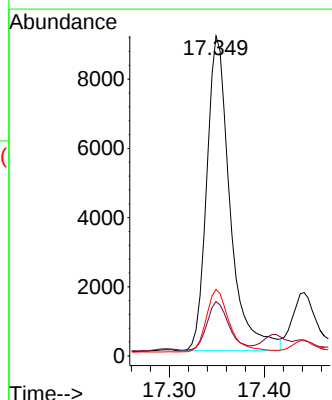
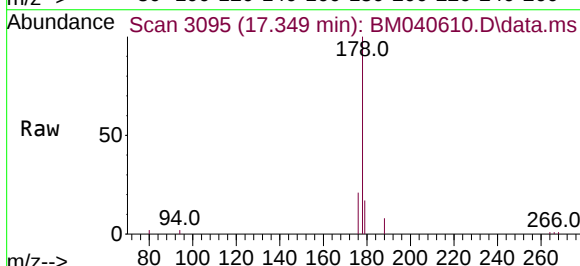
Tgt Ion:178 Resp: 15516

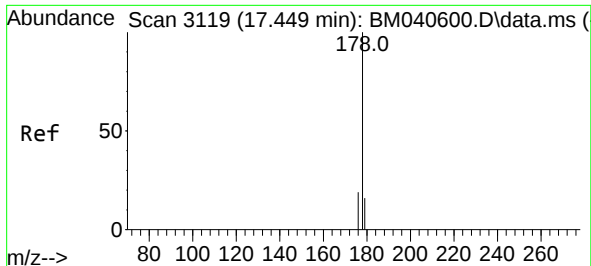
Ion Ratio Lower Upper

178 100

179 17.0 12.8 19.2

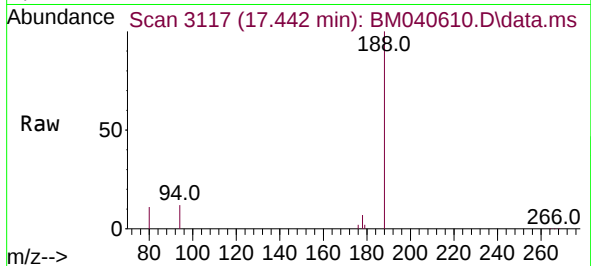
176 20.8 16.4 24.6



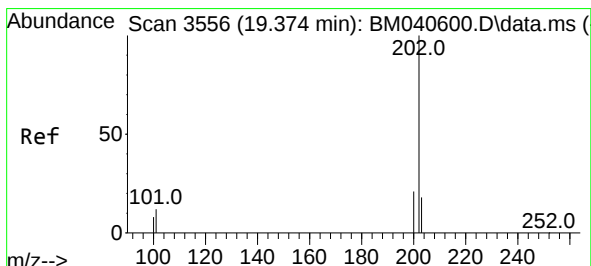
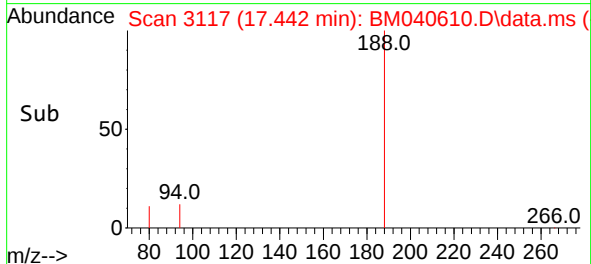
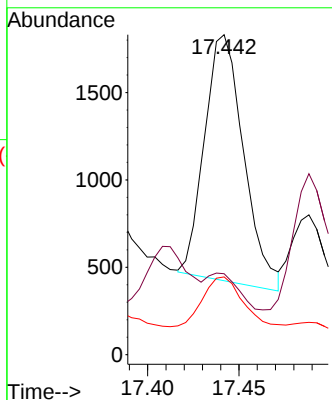


#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.442 min Scan# 3117
 Delta R.T. -0.013 min
 Lab File: BM040610.D
 Acq: 04 Jul 2023 13:27

Instrument :
 BNA_M
 ClientSampleId :

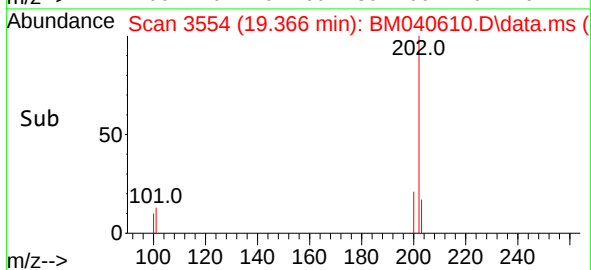
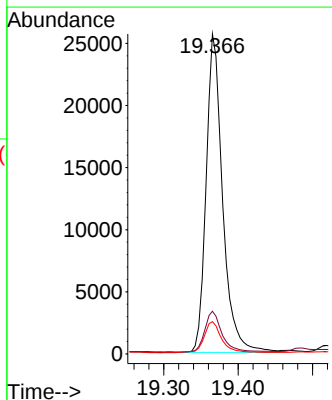
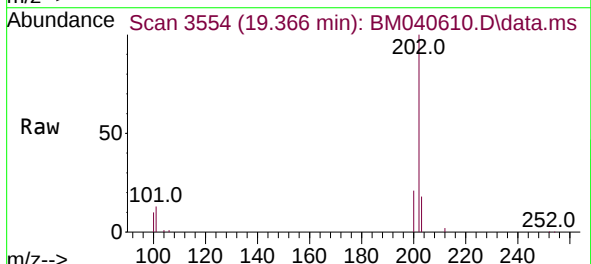


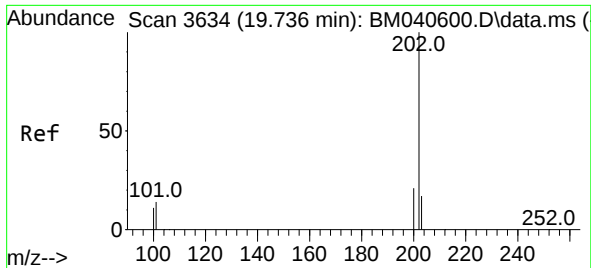
Tgt Ion:178 Resp: 2092
 Ion Ratio Lower Upper
 178 100
 179 25.3 12.9 19.3#
 176 24.3 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.685 ng/ul
 RT: 19.366 min Scan# 3554
 Delta R.T. -0.014 min
 Lab File: BM040610.D
 Acq: 04 Jul 2023 13:27

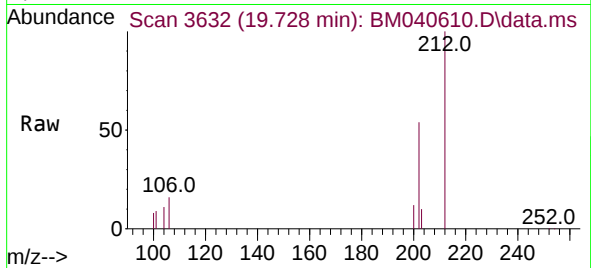
Tgt Ion:202 Resp: 39440
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.4 17.0
 100 10.1 8.7 13.1



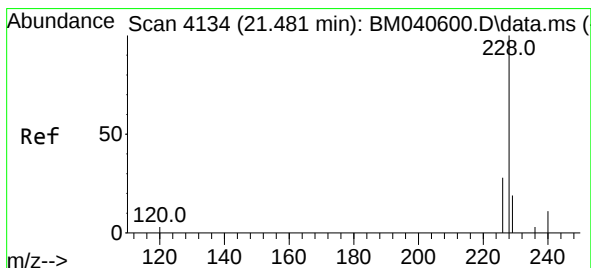
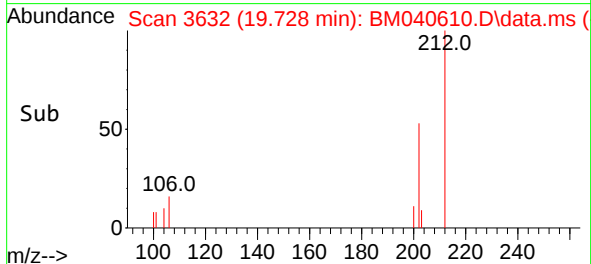
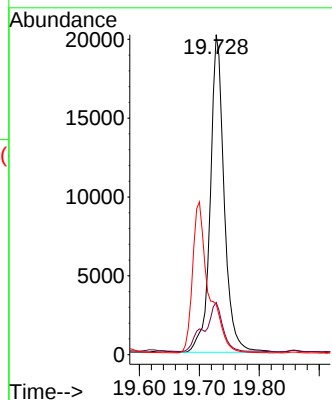


#20
 Pyrene
 Concen: 0.526 ng/ul
 RT: 19.728 min Scan# 3634
 Delta R.T. -0.014 min
 Lab File: BM040610.D
 Acq: 04 Jul 2023 13:27

Instrument :
 BNA_M
 ClientSampleId :

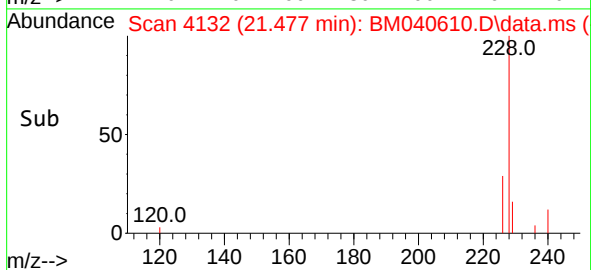
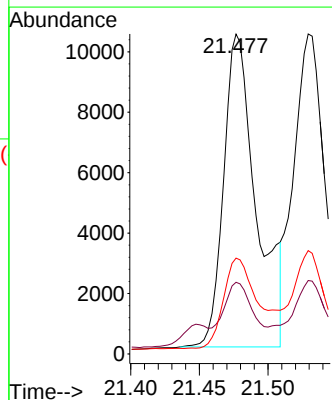
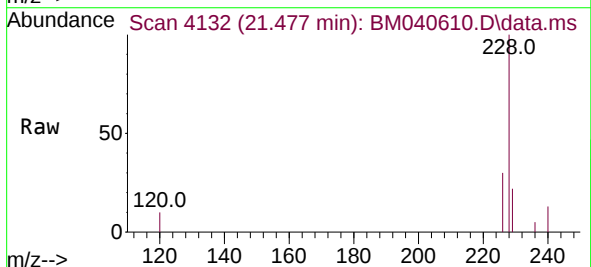


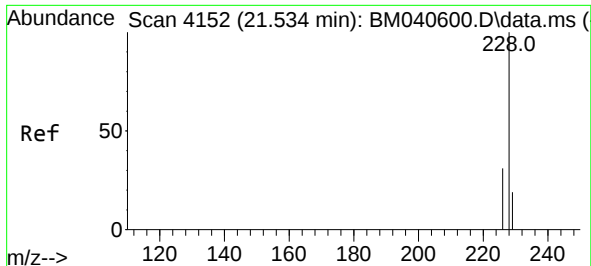
Tgt Ion:202 Resp: 32497
 Ion Ratio Lower Upper
 202 100
 101 16.3 12.6 18.8
 100 15.7 9.8 14.6#



#21
 Benzo(a)anthracene
 Concen: 0.373 ng/ul
 RT: 21.477 min Scan# 4132
 Delta R.T. -0.012 min
 Lab File: BM040610.D
 Acq: 04 Jul 2023 13:27

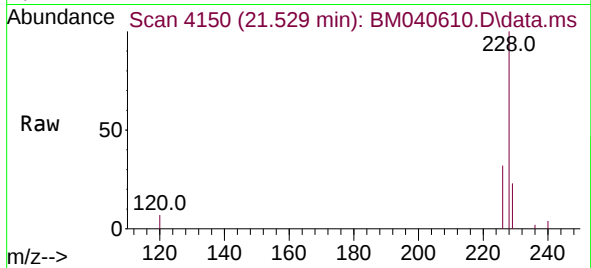
Tgt Ion:228 Resp: 17122
 Ion Ratio Lower Upper
 228 100
 229 22.4 16.0 24.0
 226 30.0 22.3 33.5



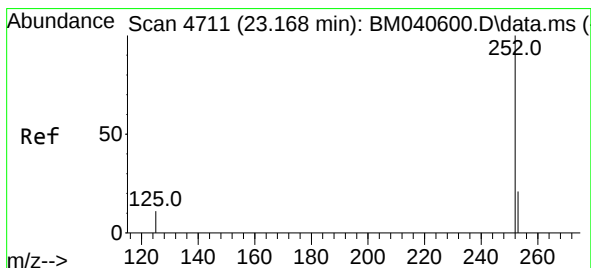
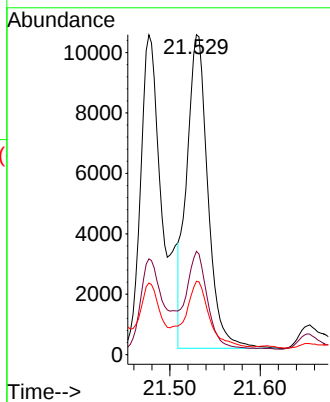
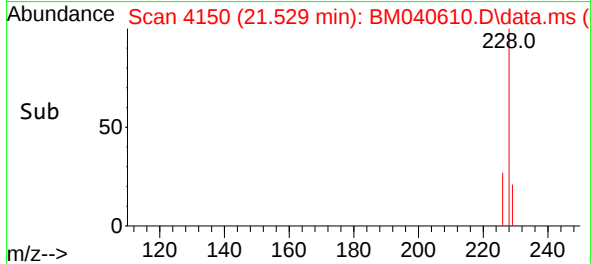


#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

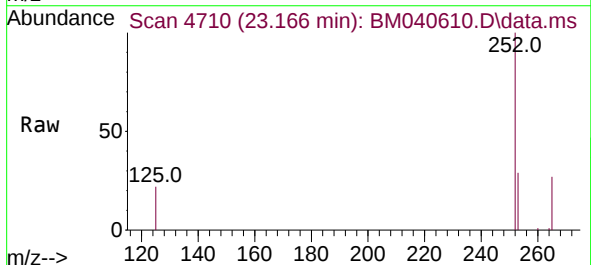
Instrument :
BNA_M
ClientSampleId :



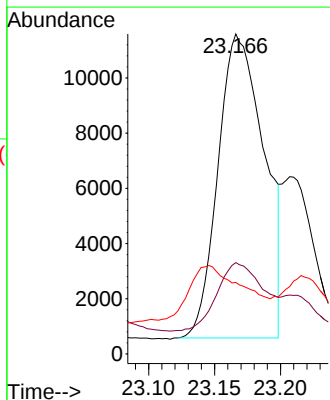
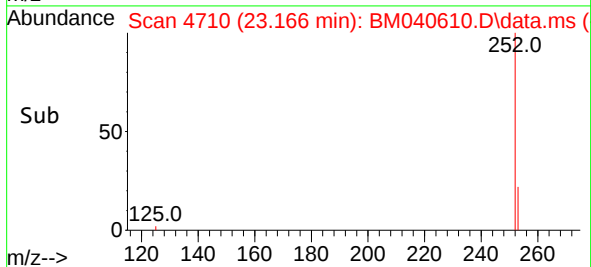
Tgt Ion:228 Resp: 16954
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 23.0 15.8 23.6

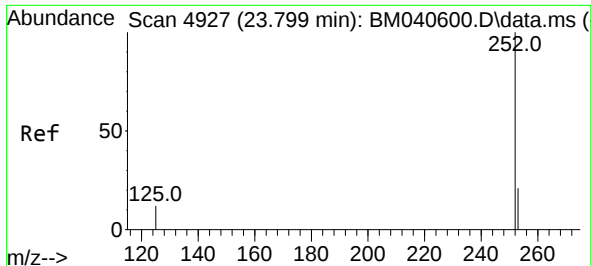


#24
Benzo(b)fluoranthene
Concen: 0.522 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27



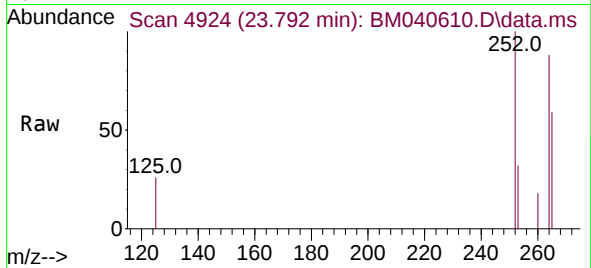
Tgt Ion:252 Resp: 26682
Ion Ratio Lower Upper
252 100
253 28.5 0.0 52.8
125 22.3 0.0 43.0



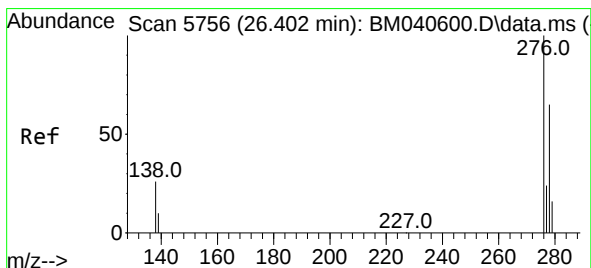
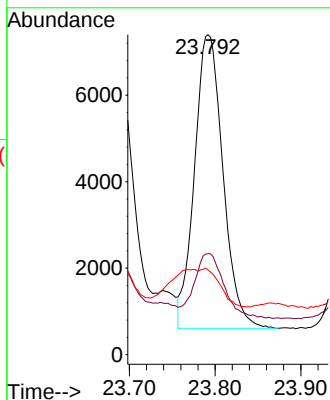
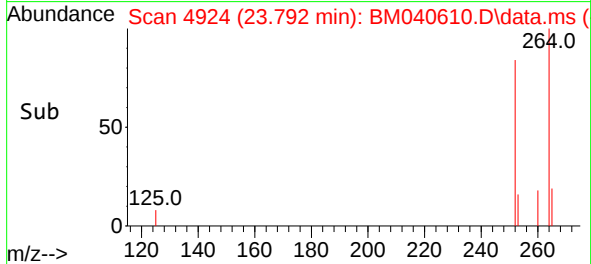


#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Instrument :
BNA_M
ClientSampleId :

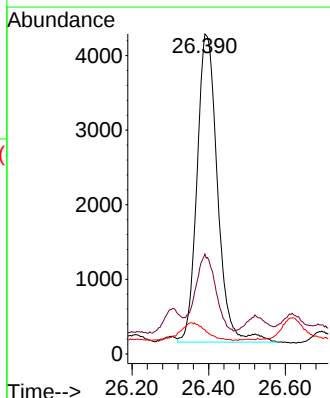
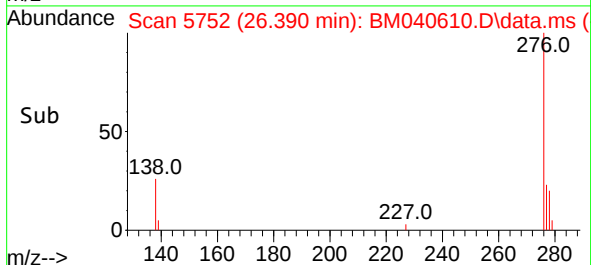
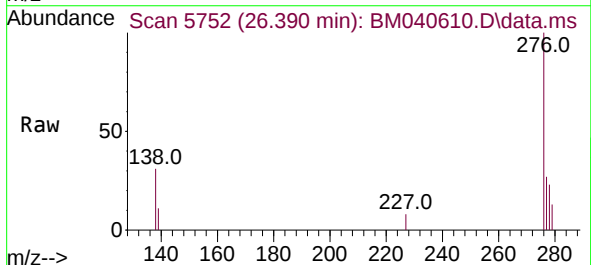


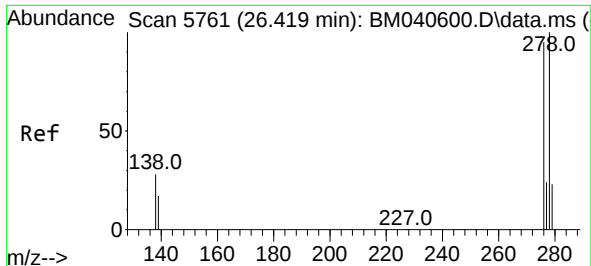
Tgt Ion:	252	Resp:	15632
Ion Ratio	Lower	Upper	
252	100		
253	31.5	22.9	34.3
125	26.5	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. -0.027 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

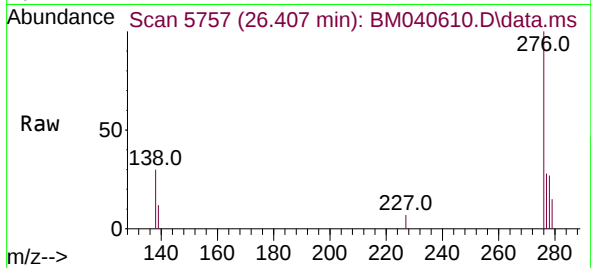
Tgt Ion:	276	Resp:	15355
Ion Ratio	Lower	Upper	
276	100		
138	24.0	24.5	36.7#
227	0.0	0.1	0.1#



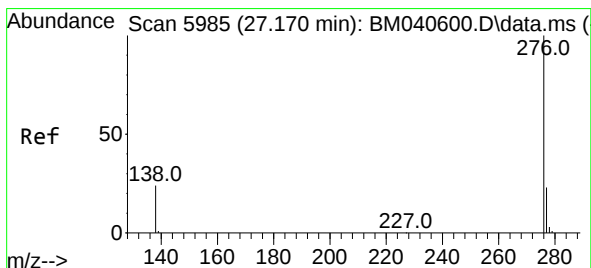
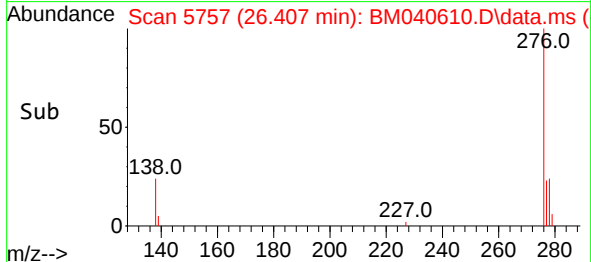
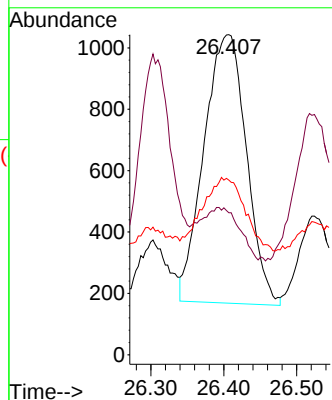


#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 3538
Ion Ratio Lower Upper
278 100
139 44.4 17.9 26.9#
279 54.6 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Tgt Ion:276 Resp: 14346
Ion Ratio Lower Upper
276 100
138 31.6 23.0 34.6
277 26.7 20.3 30.5

