

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040706.D
 Acq On : 07 Jul 2023 10:04
 Operator : MA/JU
 Sample : PB153519BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLC519

Quant Time: Jul 07 10:51:47 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 : Fri Jul 07 10:22:24 2023
 Response via : Initial Calibration

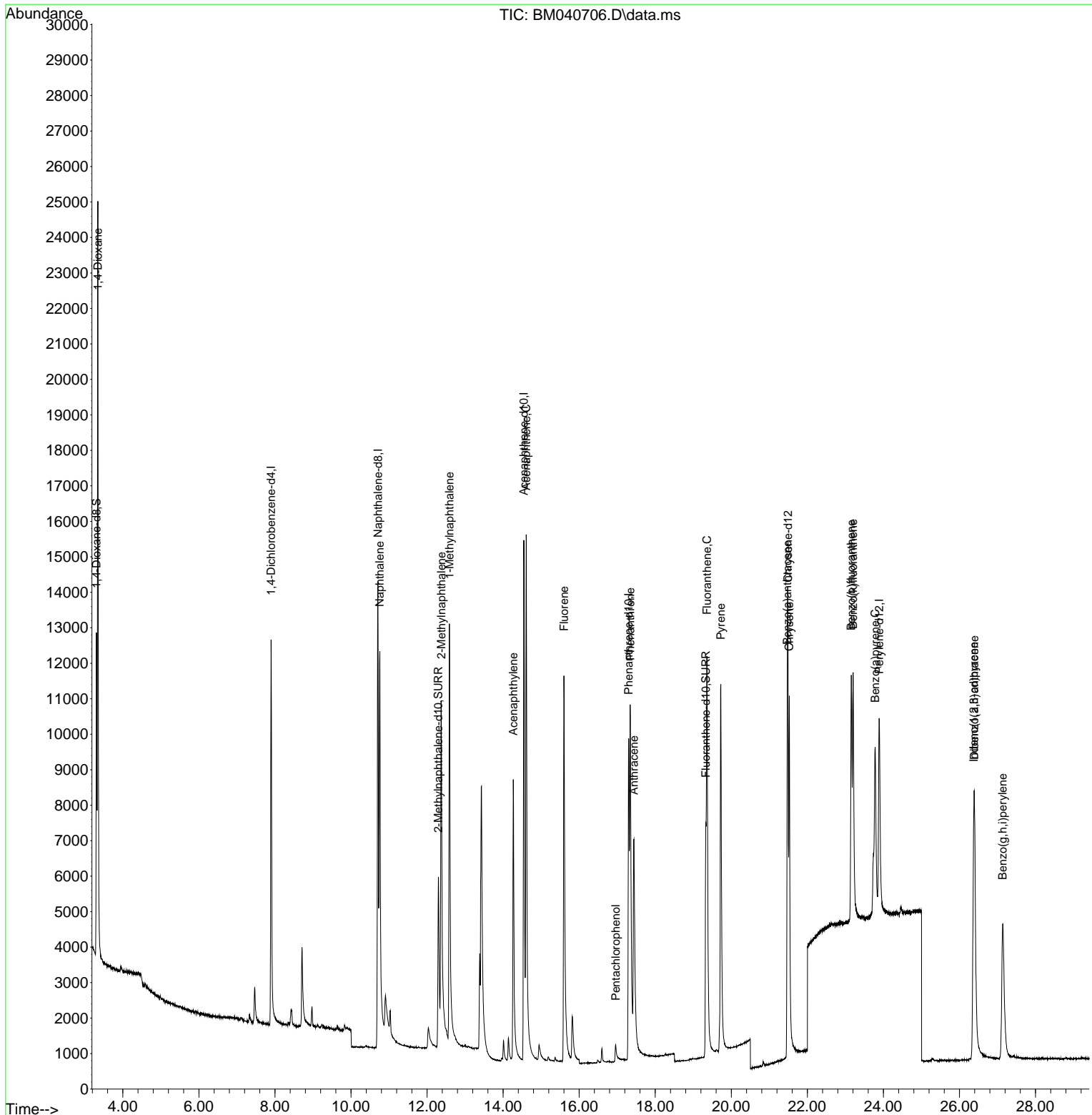
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	6659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.708	136	24187	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	10592	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	17253	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	10627	0.400	ng/ul	0.00
23) Perylene-d12	23.889	264	10190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	6017	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	10315	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	11454	0.336	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	14351	1.348	ng/ul	89
5) Naphthalene	10.757	128	18846	0.282	ng/ul	99
7) 2-Methylnaphthalene	12.374	142	10873	0.278	ng/ul	98
8) 1-Methylnaphthalene	12.588	142	10276	0.262	ng/ul	99
10) Acenaphthylene	14.268	152	13068	0.276	ng/ul	99
11) Acenaphthene	14.606	153	10991	0.275	ng/ul	98
12) Fluorene	15.601	166	11294	0.265	ng/ul	100
14) Pentachlorophenol	16.961	266	726	0.219	ng/ul	95
15) Phenanthrene	17.341	178	14535	0.271	ng/ul	98
16) Anthracene	17.439	178	12332	0.274	ng/ul	97
19) Fluoranthene	19.362	202	13556	0.300	ng/ul	100
20) Pyrene	19.724	202	13965	0.289	ng/ul	98
21) Benzo(a)anthracene	21.472	228	10272	0.286	ng/ul	99
22) Chrysene	21.524	228	11555	0.282	ng/ul	99
24) Benzo(b)fluoranthene	23.155	252	11279	0.286	ng/ul	91
25) Benzo(k)fluoranthene	23.202	252	11824	0.304	ng/ul#	91
26) Benzo(a)pyrene	23.784	252	9946	0.280	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.378	276	13465	0.272	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.394	278	10540	0.272	ng/ul	94
29) Benzo(g,h,i)perylene	27.135	276	12134	0.280	ng/ul	99

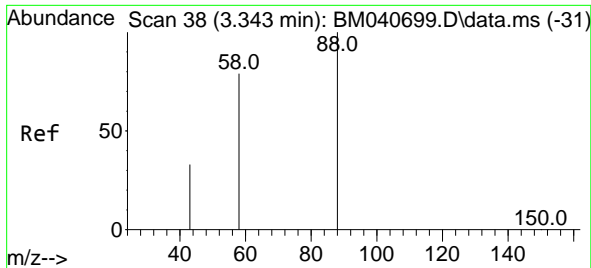
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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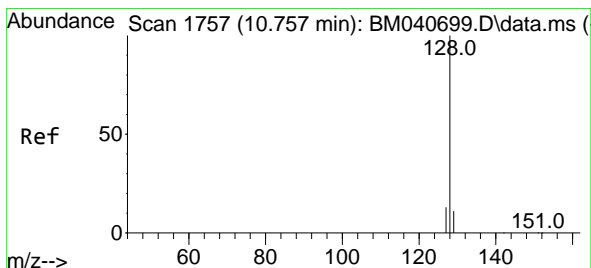
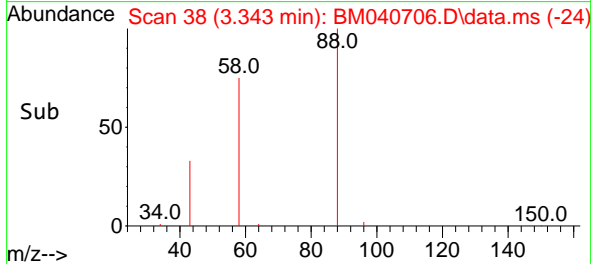
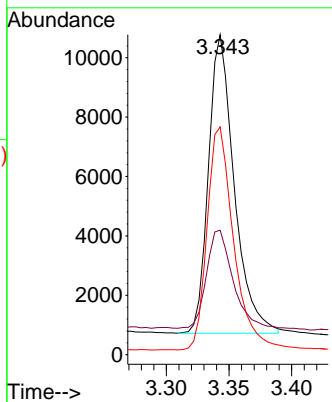
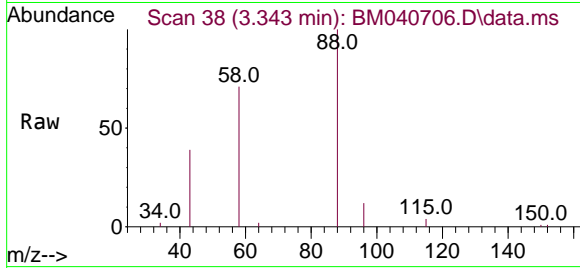


#2
 1,4-Dioxane
 Concen: 1.348 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SLCS519

Tgt Ion: 88 Resp: 14351

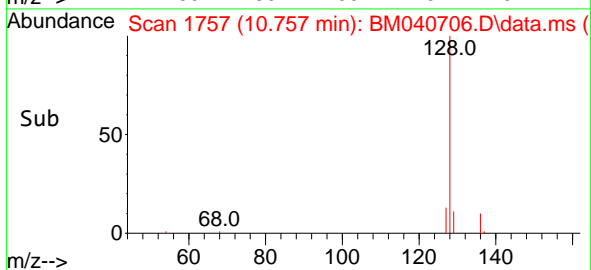
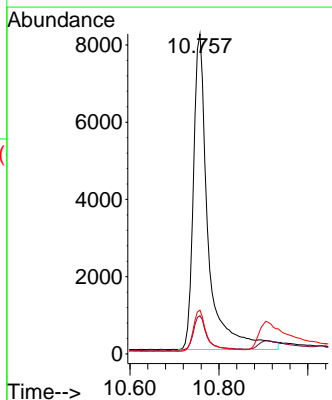
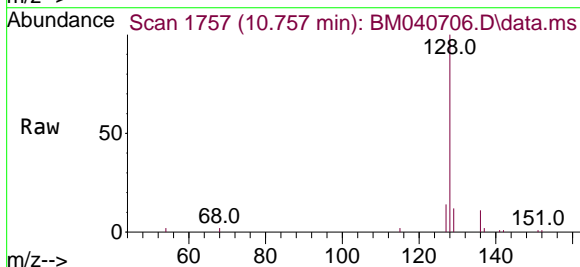
Ion	Ratio	Lower	Upper
88	100		
43	38.9	36.1	54.1
58	71.2	49.8	74.8

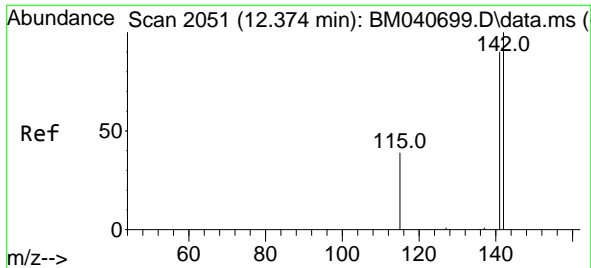


#5
 Naphthalene
 Concen: 0.282 ng/ul
 RT: 10.757 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion: 128 Resp: 18846

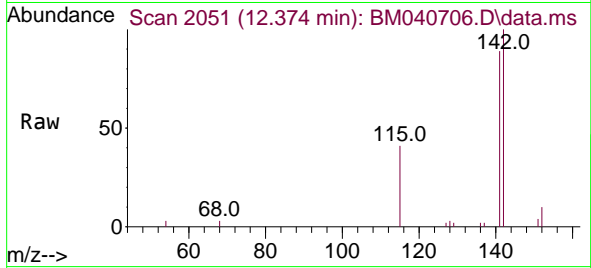
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.7	10.6	15.8



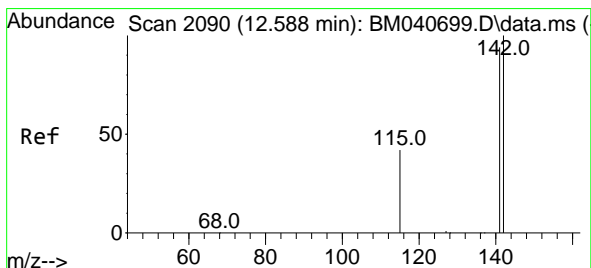
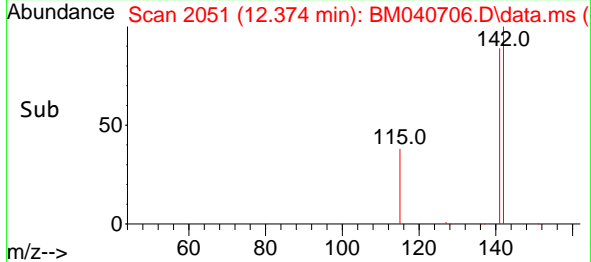
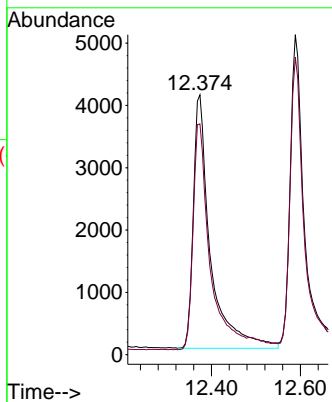


#7
 2-Methylnaphthalene
 Concen: 0.278 ng/ul
 RT: 12.374 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument :
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 ClientSampleId :
 SLCS519

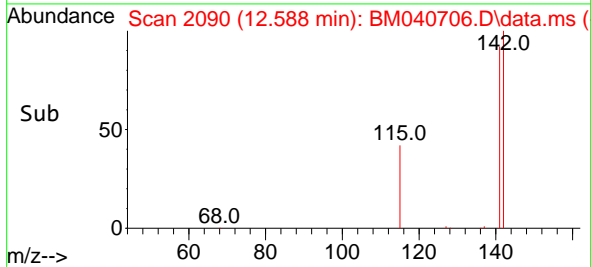
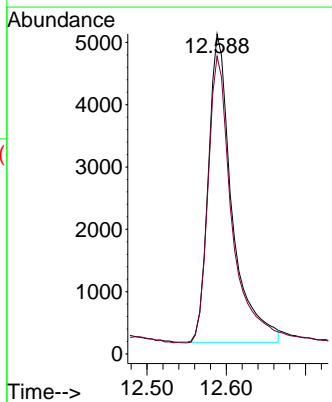
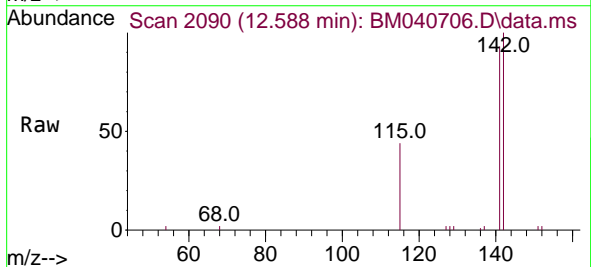


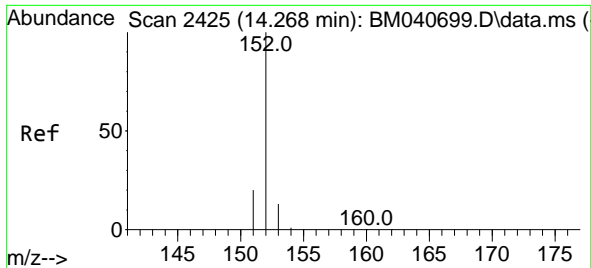
Tgt Ion:142 Resp: 10873
 Ion Ratio Lower Upper
 142 100
 141 92.2 71.9 107.9



#8
 1-Methylnaphthalene
 Concen: 0.262 ng/ul
 RT: 12.588 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion:142 Resp: 10276
 Ion Ratio Lower Upper
 142 100
 141 93.5 73.7 110.5

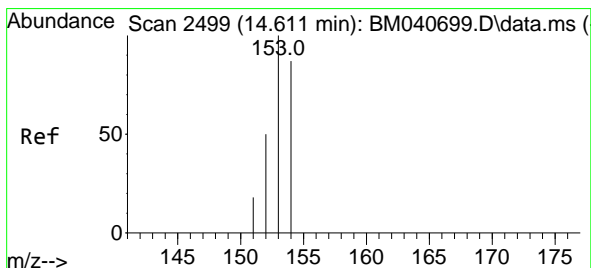
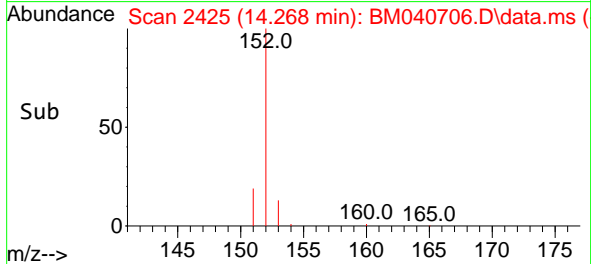
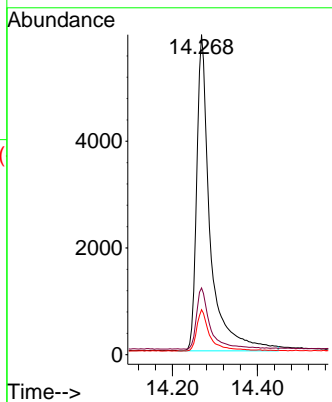
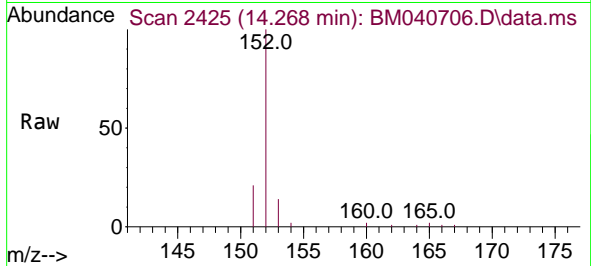




#10
 Acenaphthylene
 Concen: 0.276 ng/uI
 RT: 14.268 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

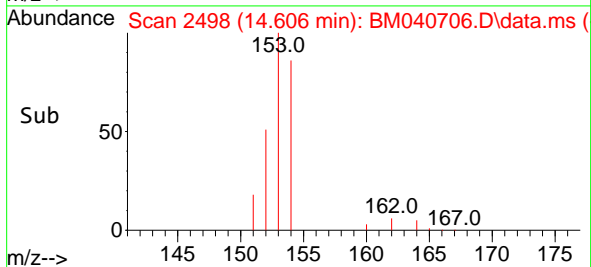
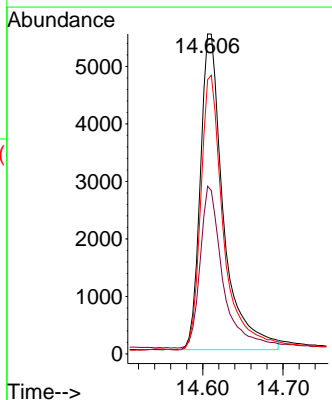
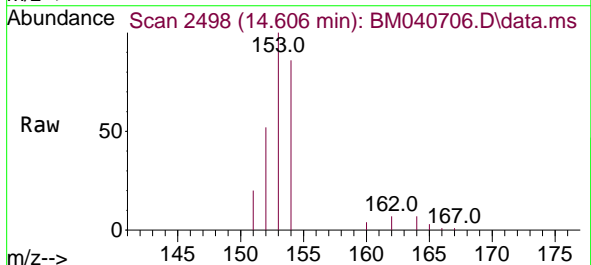
Instrument :
 BNA_M
 ClientSampleId :
 SLCS519

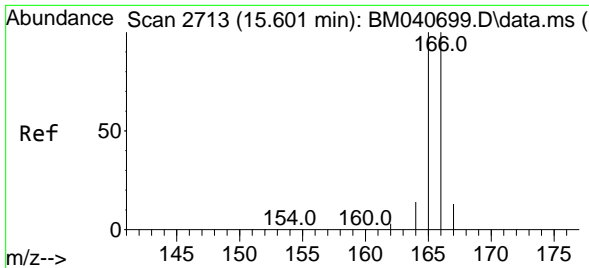
Tgt Ion	Resp	Lower	Upper
152	13068		
151	20.8	16.2	24.2
153	14.0	10.9	16.3



#11
 Acenaphthene
 Concen: 0.275 ng/uI
 RT: 14.606 min Scan# 2498
 Delta R.T. -0.005 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

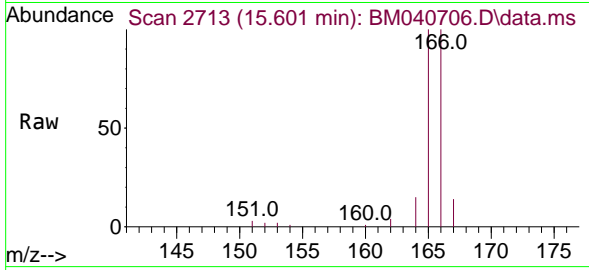
Tgt Ion	Resp	Lower	Upper
153	10991		
152	52.4	41.0	61.4
154	85.8	70.8	106.2





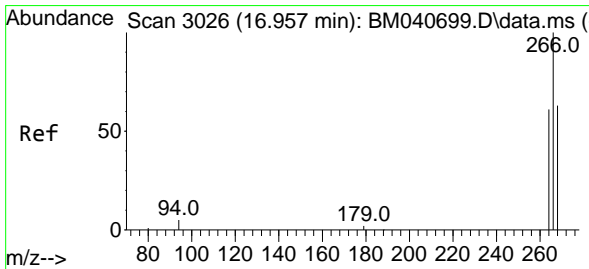
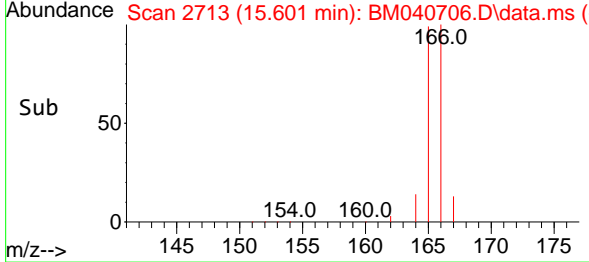
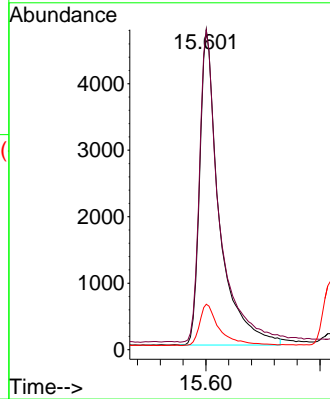
#12
 Fluorene
 Concen: 0.265 ng/ul
 RT: 15.601 min Scan# 2713
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument : BNA_M
 ClientSampleId : SLCS519

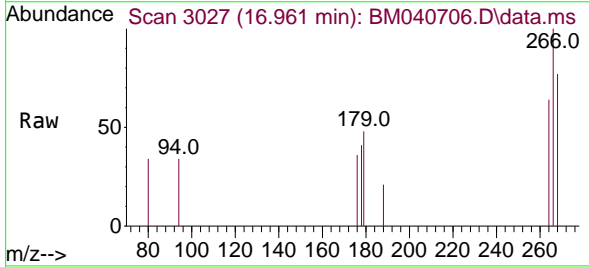


Tgt Ion:166 Resp: 11294

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	14.2	11.4	17.0

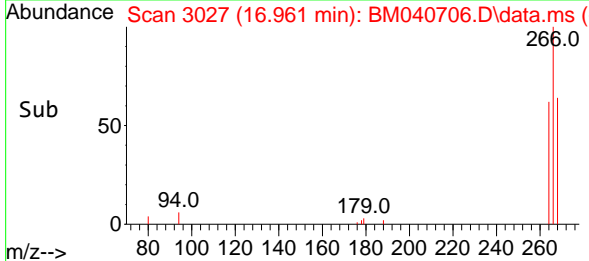
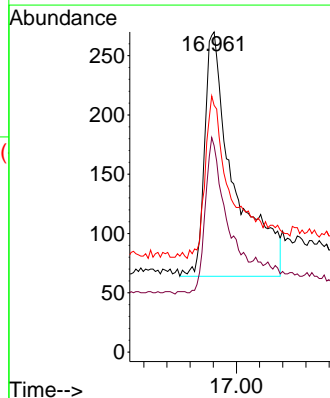


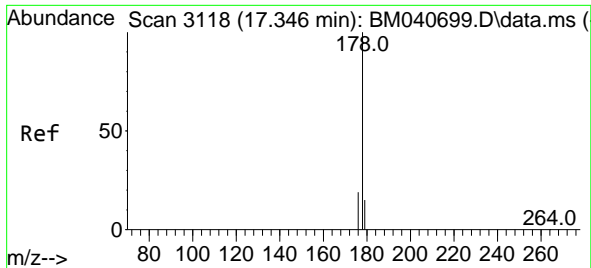
#14
 Pentachlorophenol
 Concen: 0.219 ng/ul
 RT: 16.961 min Scan# 3027
 Delta R.T. 0.004 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04



Tgt Ion:266 Resp: 726

Ion	Ratio	Lower	Upper
266	100		
264	58.1	45.4	68.0
268	65.0	47.2	70.8



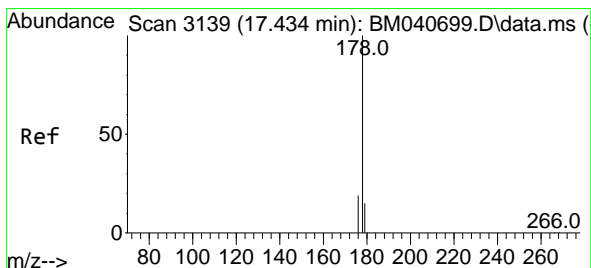
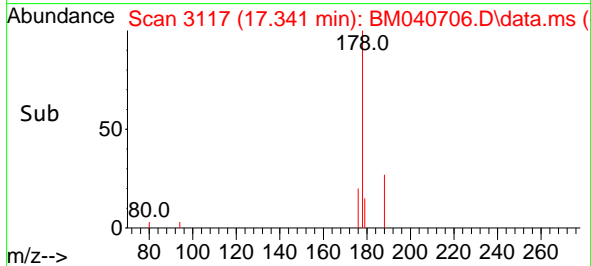
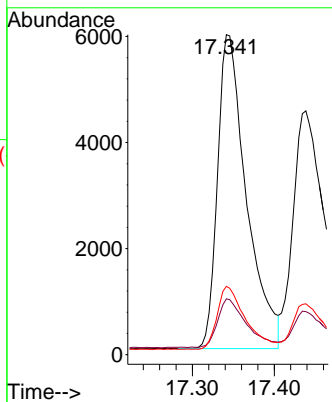
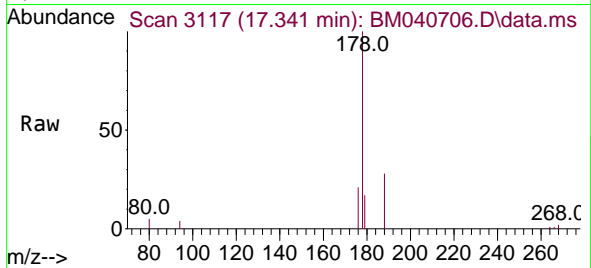


#15
 Phenanthrene
 Concen: 0.271 ng/u1
 RT: 17.341 min Scan# 3117
 Delta R.T. -0.004 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SLCS519

Tgt Ion:178 Resp: 14535

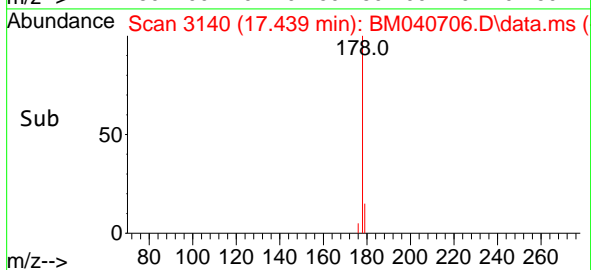
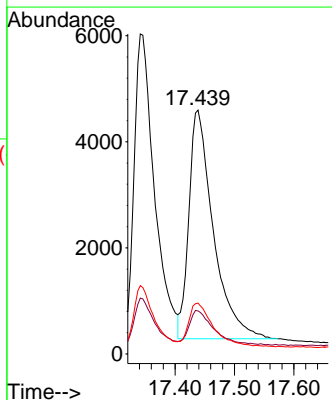
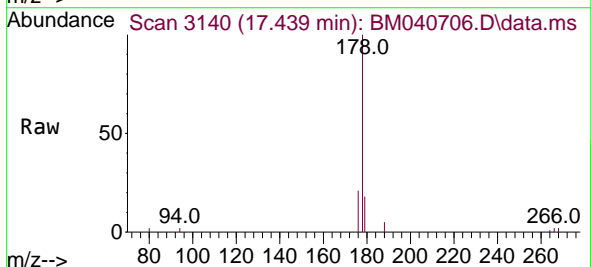
Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.8	19.2
176	21.3	16.4	24.6

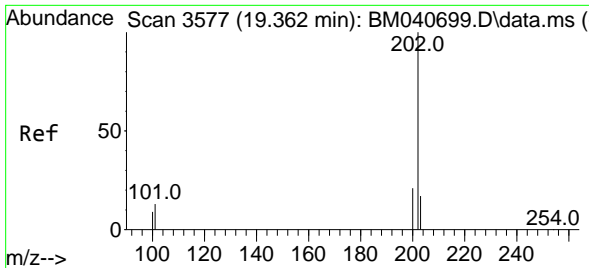


#16
 Anthracene
 Concen: 0.274 ng/u1
 RT: 17.439 min Scan# 3140
 Delta R.T. 0.004 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion:178 Resp: 12332

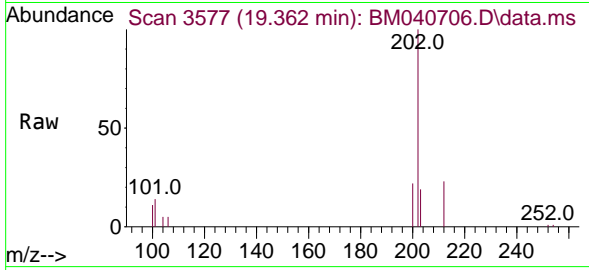
Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.9	19.3
176	20.9	15.8	23.6





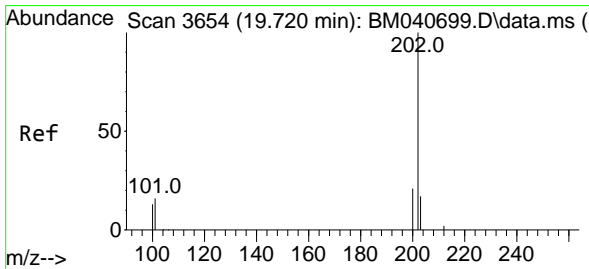
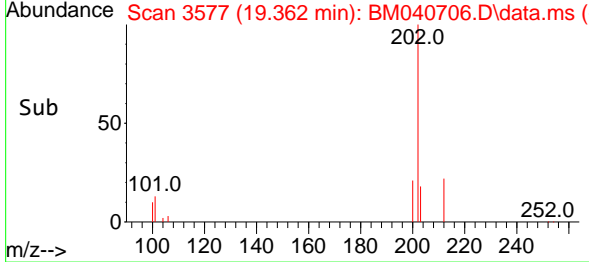
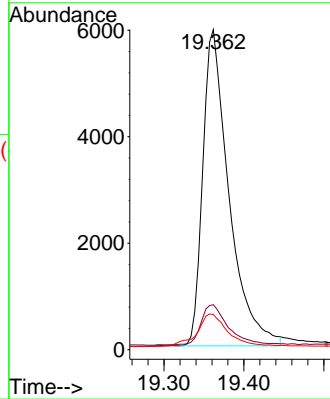
#19
 Fluoranthene
 Concen: 0.300 ng/u1
 RT: 19.362 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument :
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Tgt Ion:202 Resp: 13556

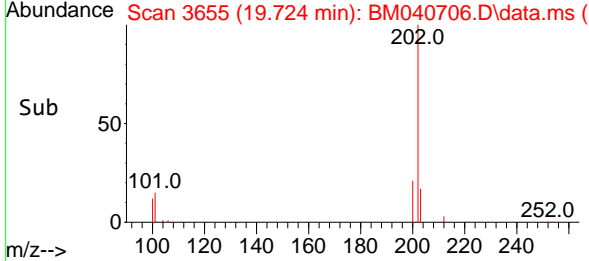
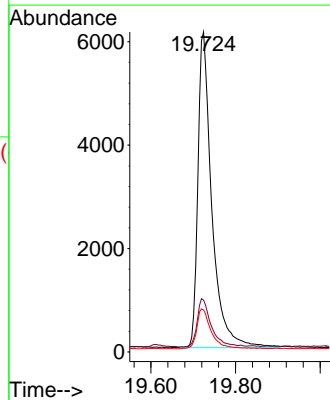
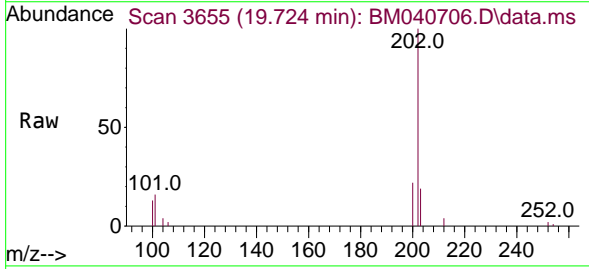
Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.4	17.0
100	11.0	8.7	13.1

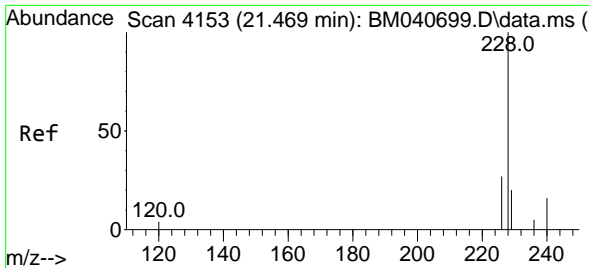


#20
 Pyrene
 Concen: 0.289 ng/u1
 RT: 19.724 min Scan# 3655
 Delta R.T. 0.005 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion:202 Resp: 13965

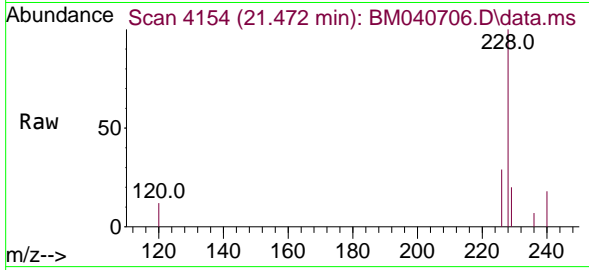
Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.6	18.8
100	13.2	9.8	14.6



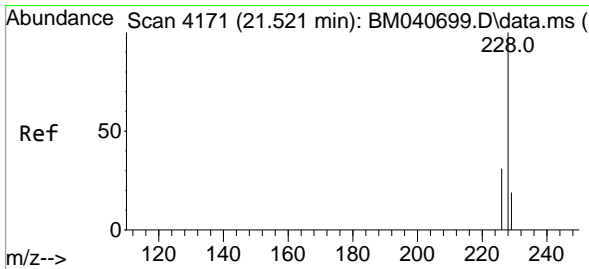
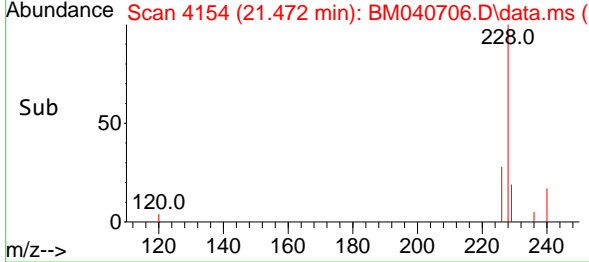
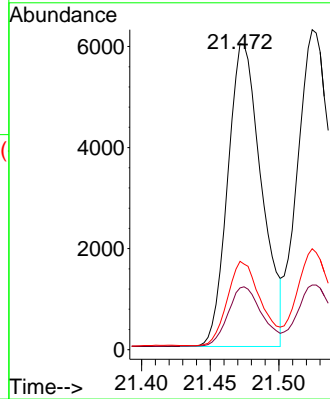


#21
 Benzo(a)anthracene
 Concen: 0.286 ng/u1
 RT: 21.472 min Scan# 4153
 Delta R.T. 0.003 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument : BNA_M
 ClientSampleId : SLCS519

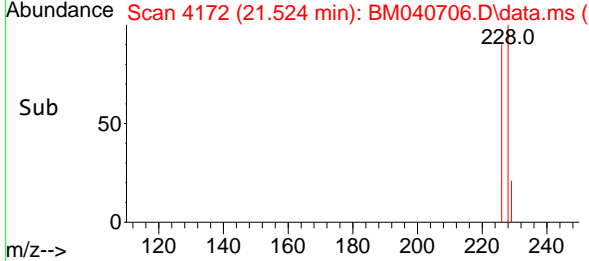
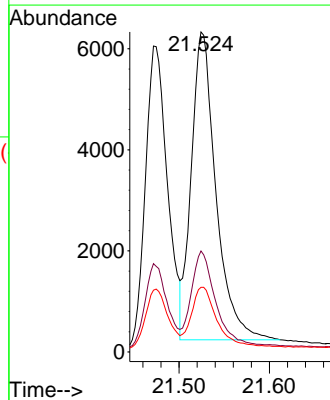
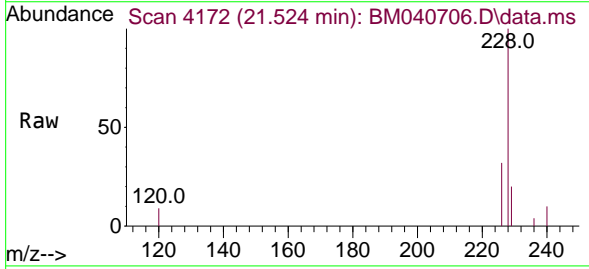


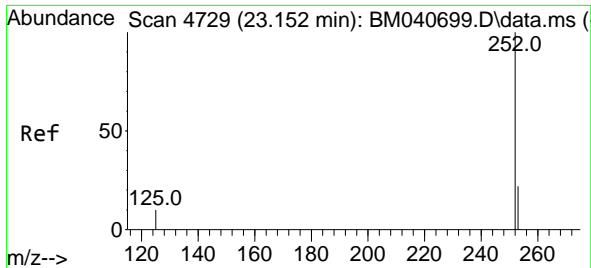
Tgt Ion:228 Resp: 10272
 Ion Ratio Lower Upper
 228 100
 229 20.2 16.0 24.0
 226 28.9 22.3 33.5



#22
 Chrysene
 Concen: 0.282 ng/u1
 RT: 21.524 min Scan# 4172
 Delta R.T. 0.003 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion:228 Resp: 11555
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.2 15.8 23.6

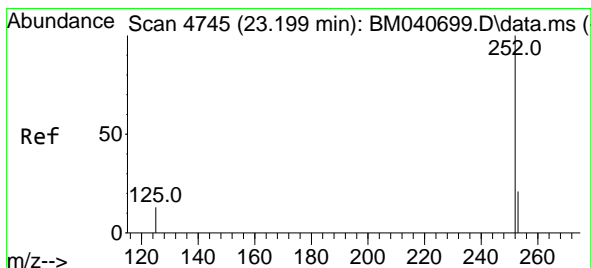
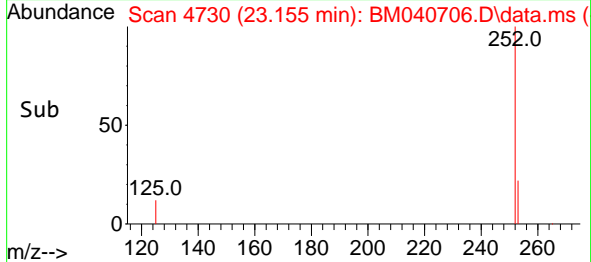
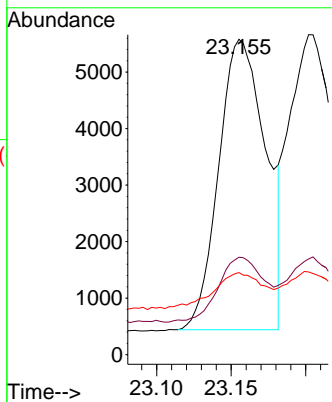
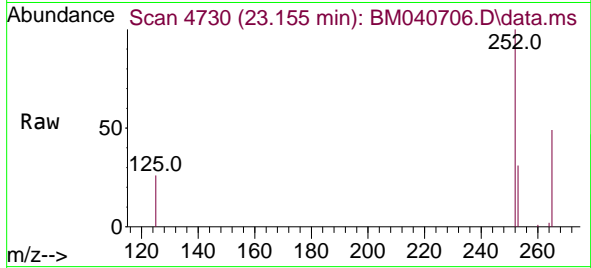




#24
 Benzo(b)fluoranthene
 Concen: 0.286 ng/u1
 RT: 23.155 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

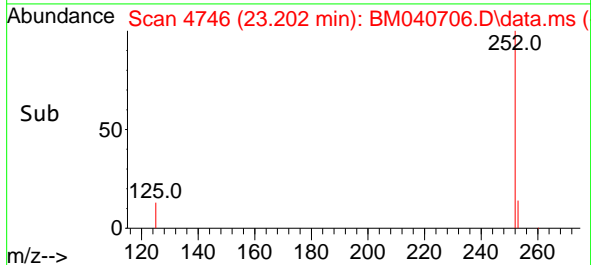
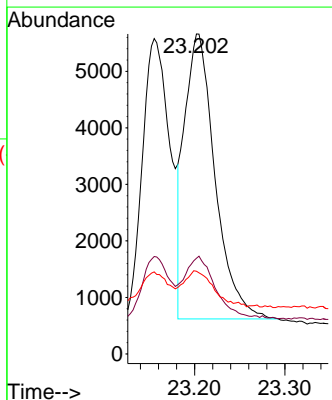
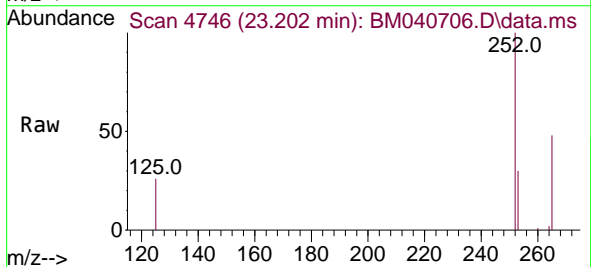
Instrument :
 BNA_M
 ClientSampleId :
 SLCS519

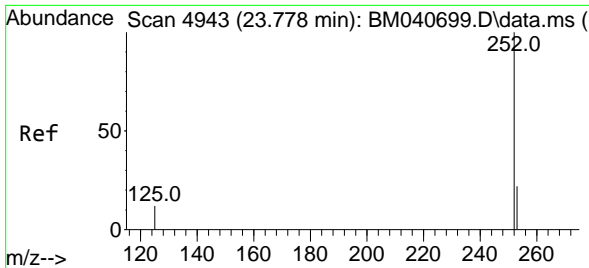
Tgt Ion:252 Resp: 11279
 Ion Ratio Lower Upper
 252 100
 253 30.9 0.0 52.8
 125 26.0 0.0 43.0



#25
 Benzo(k)fluoranthene
 Concen: 0.304 ng/u1
 RT: 23.202 min Scan# 4746
 Delta R.T. 0.003 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

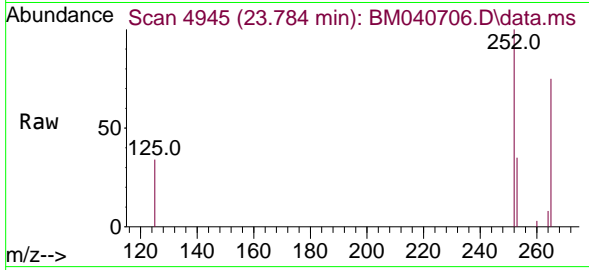
Tgt Ion:252 Resp: 11824
 Ion Ratio Lower Upper
 252 100
 253 29.9 21.2 31.8
 125 25.8 16.4 24.6#



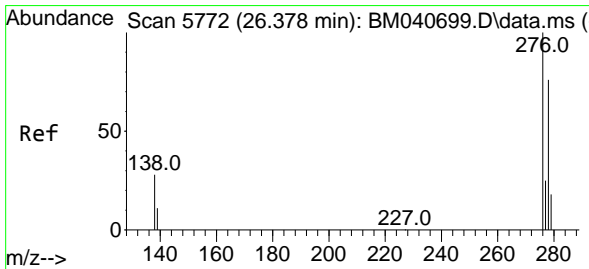
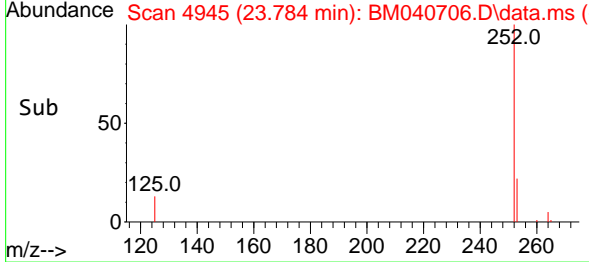
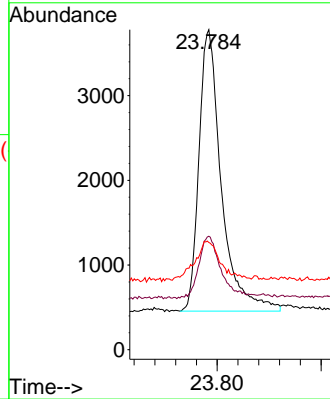


#26
 Benzo(a)pyrene
 Concen: 0.280 ng/u1
 RT: 23.784 min Scan# 4945
 Delta R.T. 0.006 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SLCS519

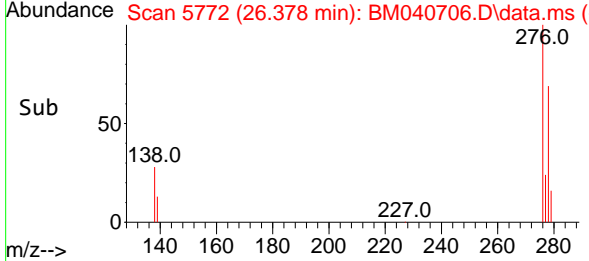
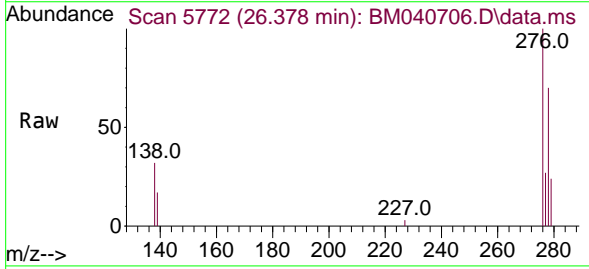
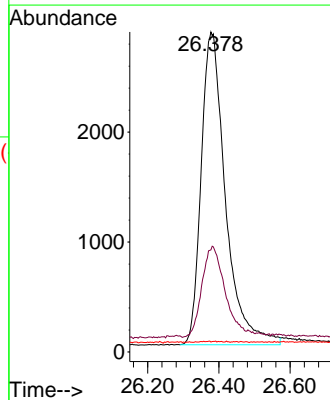


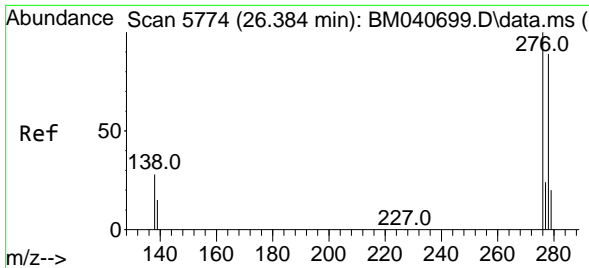
Tgt Ion:252 Resp: 9946
 Ion Ratio Lower Upper
 252 100
 253 35.5 22.9 34.3#
 125 33.5 21.0 31.4#



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng/u1
 RT: 26.378 min Scan# 5772
 Delta R.T. -0.000 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion:276 Resp: 13465
 Ion Ratio Lower Upper
 276 100
 138 28.8 24.5 36.7
 227 0.0 0.1 0.1#



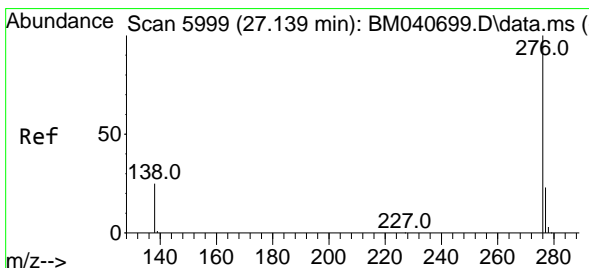
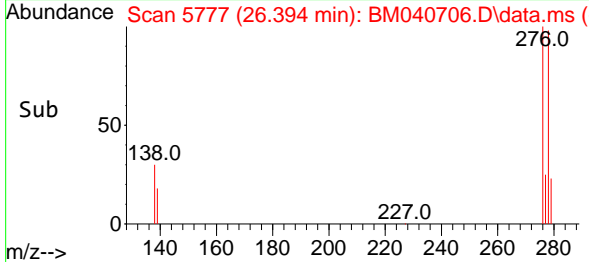
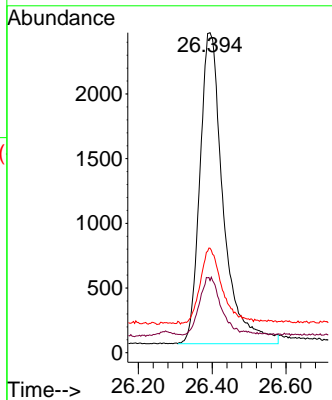
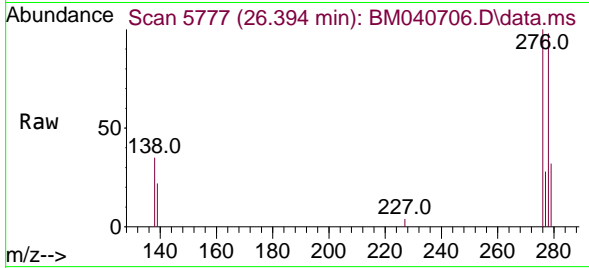


#28
 Dibenzo(a,h)anthracene
 Concen: 0.272 ng/ul
 RT: 26.394 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Instrument :
 BNA_M
 ClientSampleId :
 SLCS519

Tgt Ion: 278 Resp: 10540

Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.9	26.9
279	32.7	22.0	33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.280 ng/ul
 RT: 27.135 min Scan# 5998
 Delta R.T. -0.003 min
 Lab File: BM040706.D
 Acq: 07 Jul 2023 10:04

Tgt Ion: 276 Resp: 12134

Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.0	34.6
277	26.3	20.3	30.5

