

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071023\
 Data File : BM040790.D
 Acq On : 10 Jul 2023 08:49
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 11 03:48:15 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 : Sun Jul 09 14:07:58 2023
 Response via : Initial Calibration

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

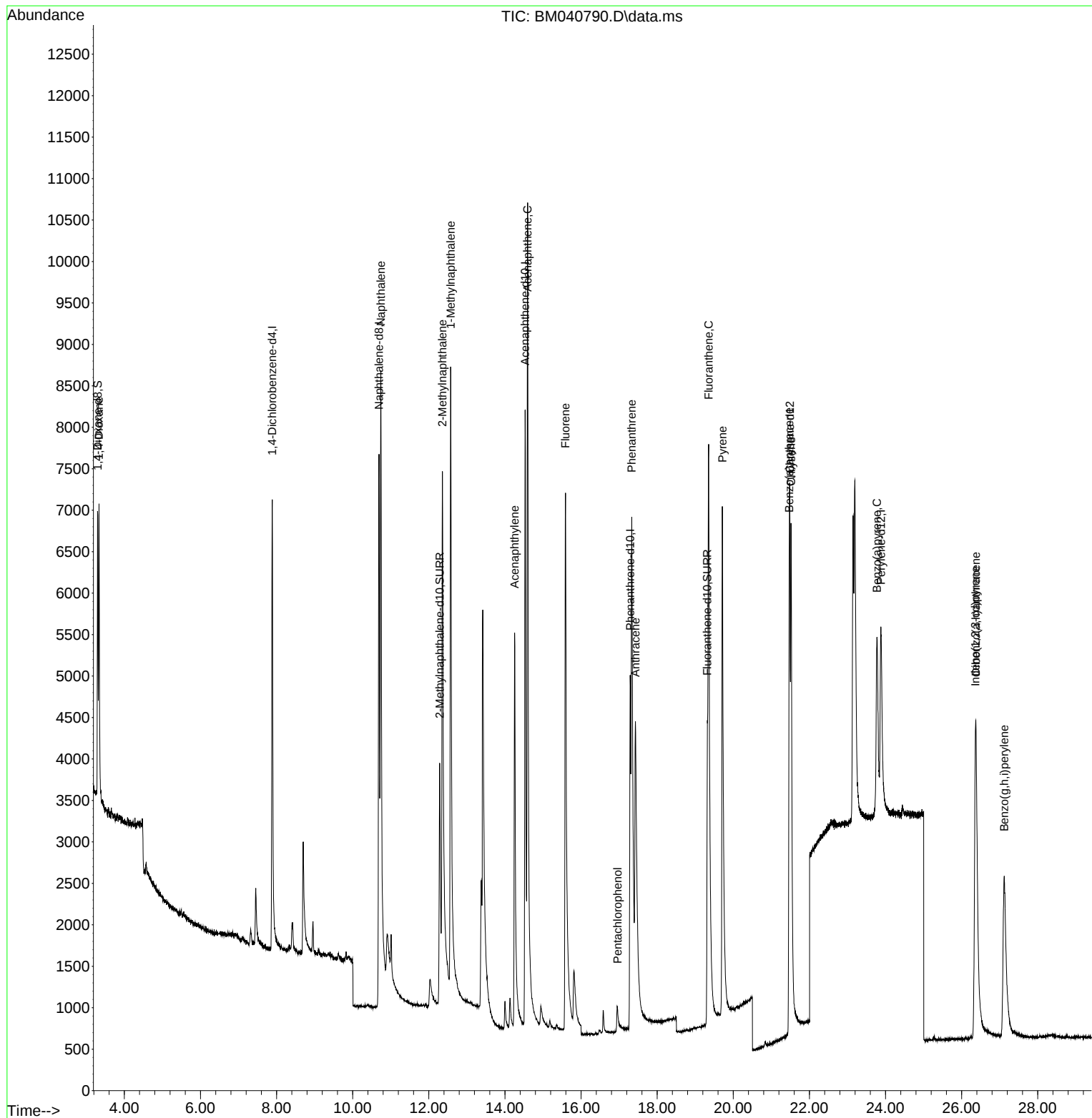
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	3630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	13499	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.532	164	5615	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	8545	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	5639	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	4948	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2371	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	6901	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	7739	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	2329	0.401	ng/ul	91
5) Naphthalene	10.741	128	14112	0.379	ng/ul	99
7) 2-Methylnaphthalene	12.357	142	7939	0.363	ng/ul	98
8) 1-Methylnaphthalene	12.577	142	7401	0.339	ng/ul	98
10) Acenaphthylene	14.254	152	9082	0.362	ng/ul	97
11) Acenaphthene	14.597	153	7969	0.376	ng/ul	98
12) Fluorene	15.591	166	8152	0.360	ng/ul	96
14) Pentachlorophenol	16.957	266	472	0.287	ng/ul	96
15) Phenanthrene	17.333	178	10060	0.379	ng/ul	97
16) Anthracene	17.430	178	8793	0.394	ng/ul#	94
19) Fluoranthene	19.352	202	9676	0.404	ng/ul	97
20) Pyrene	19.715	202	10229	0.398	ng/ul	98
21) Benzo(a)anthracene	21.469	228	6440	0.338	ng/ul	98
22) Chrysene	21.521	228	7913	0.364	ng/ul	98
26) Benzo(a)pyrene	23.775	252	6077	0.352	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.361	276	8006	0.333	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.374	278	6160	0.328	ng/ul#	89
29) Benzo(g,h,i)perylene	27.119	276	7586	0.360	ng/ul	96

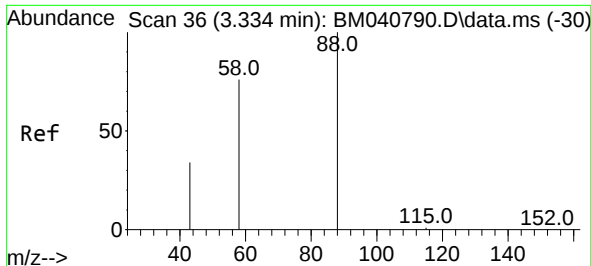
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071023\
Data File : BM040790.D
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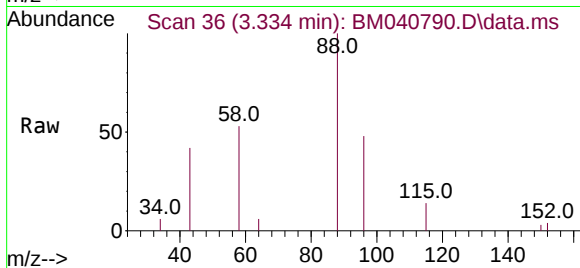
Quant Time: Jul 11 03:48:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



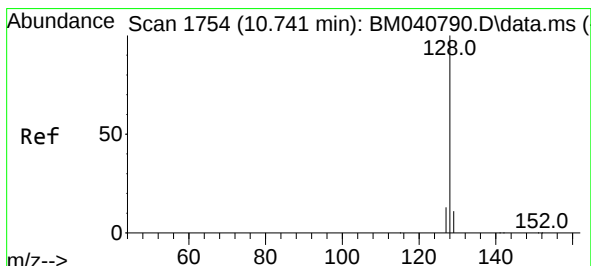
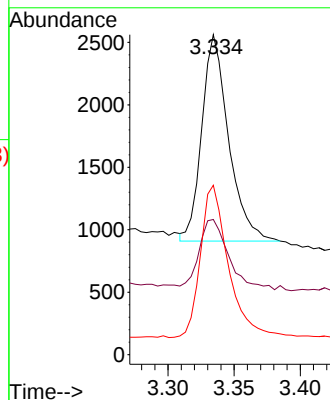
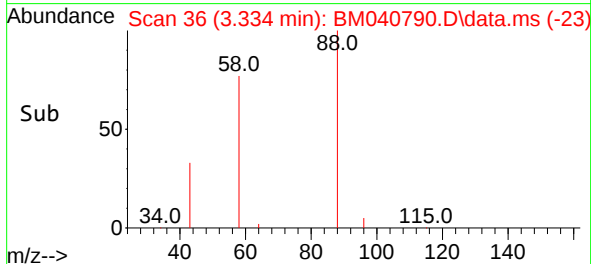


#2
1,4-Dioxane
Concen: 0.401 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Instrument :
BNA_M
ClientSampleId :

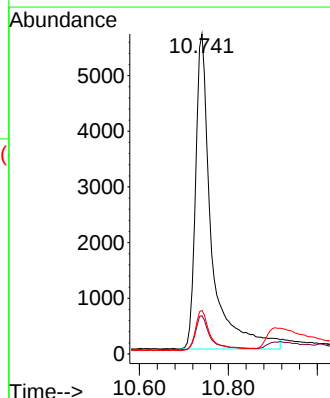
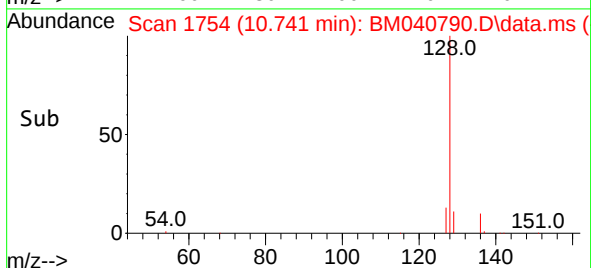
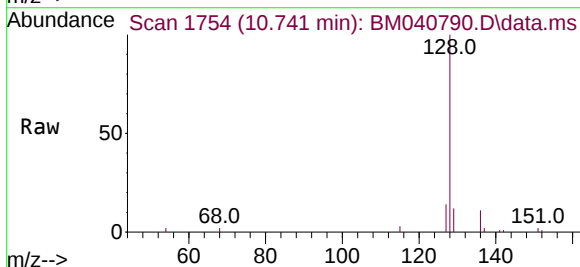


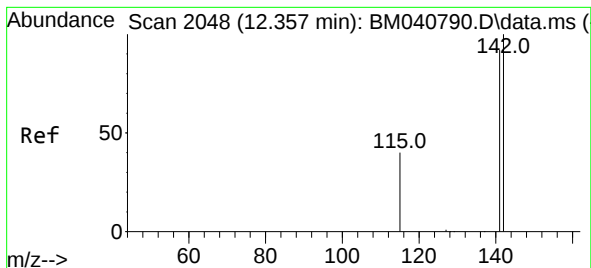
Tgt Ion: 88 Resp: 2329
Ion Ratio Lower Upper
88 100
43 42.3 36.1 54.1
58 53.0 49.8 74.8



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Tgt Ion: 128 Resp: 14112
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.6 15.8

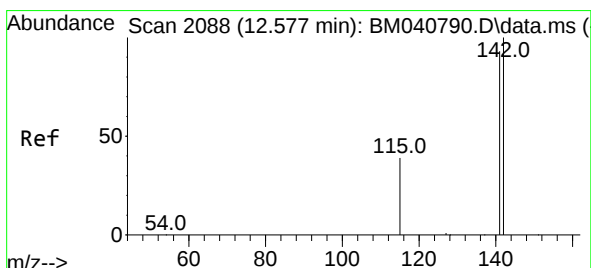
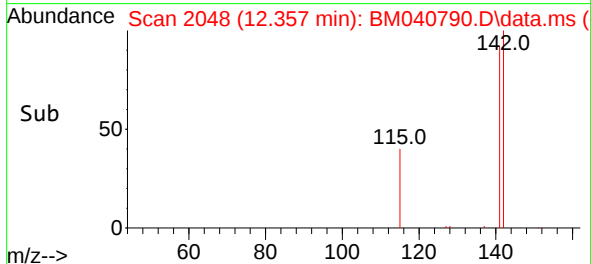
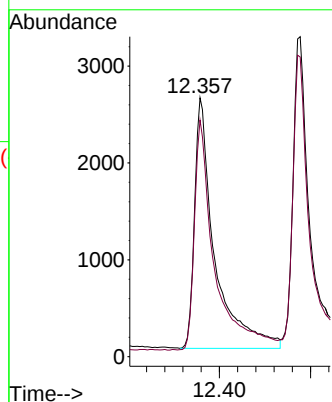
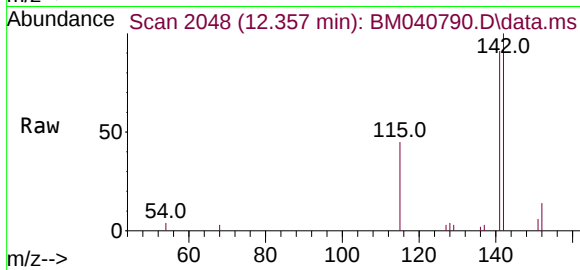




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

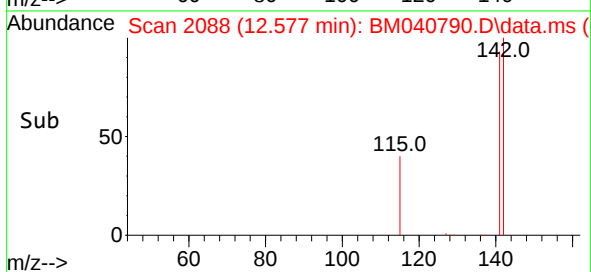
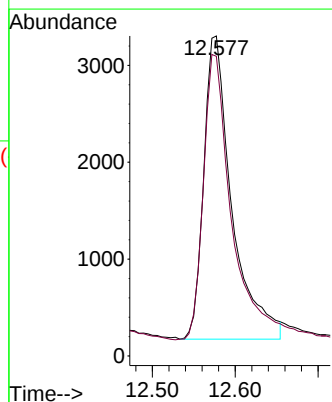
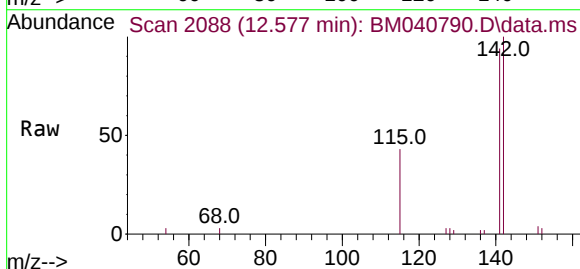
Instrument :
BNA_M
ClientSampleId :

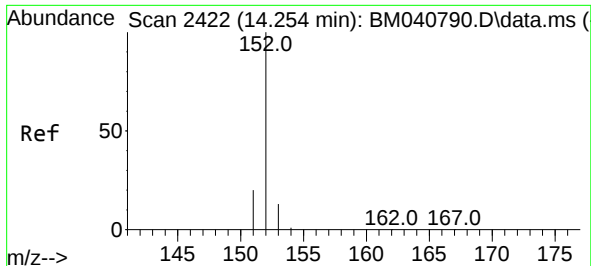
Tgt Ion:142 Resp: 7939
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Tgt Ion:142 Resp: 7401
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5

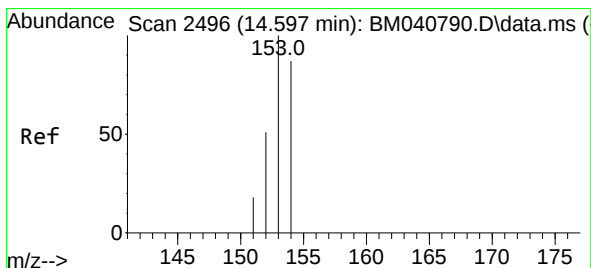
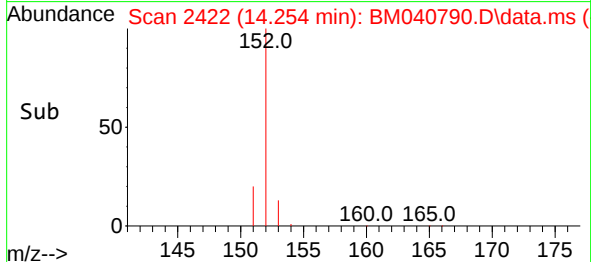
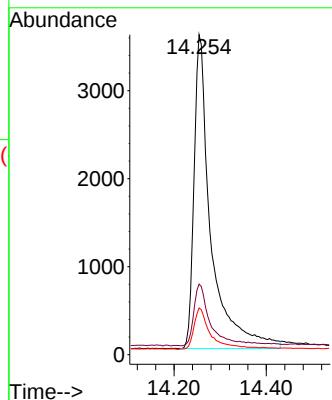
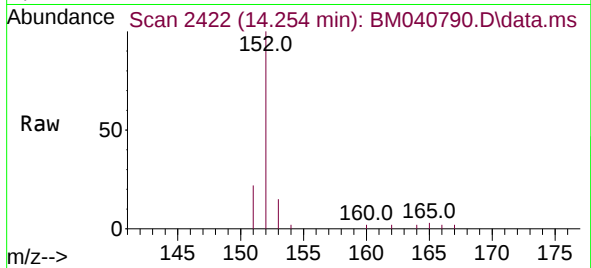




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

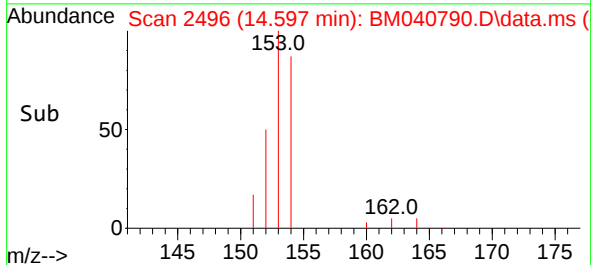
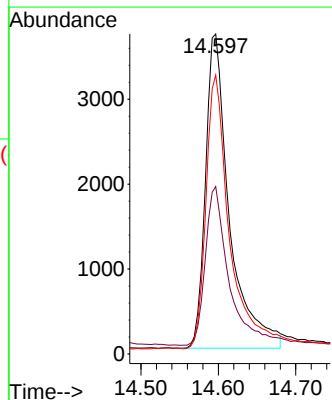
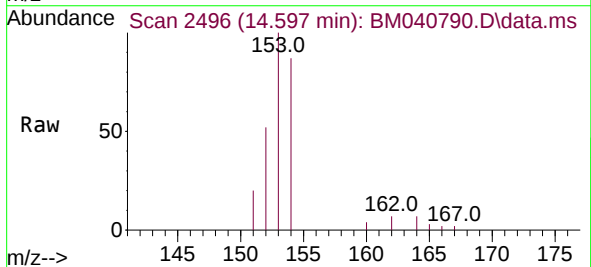
Instrument :
BNA_M
ClientSampleId :

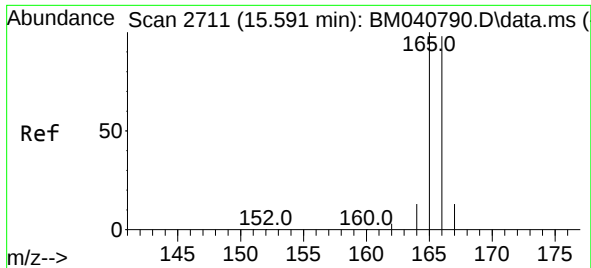
Tgt Ion:152 Resp: 9082
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.2
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Tgt Ion:153 Resp: 7969
Ion Ratio Lower Upper
153 100
152 52.3 41.0 61.4
154 87.1 70.8 106.2

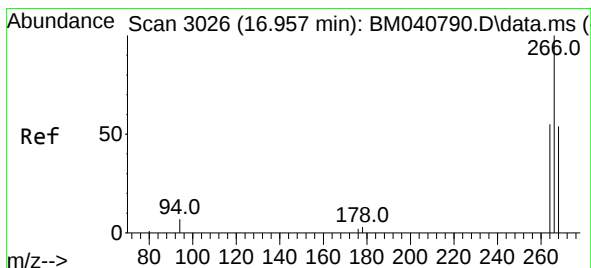
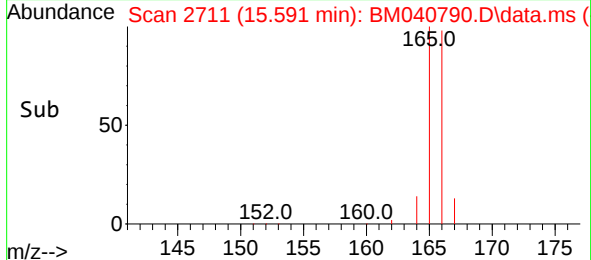
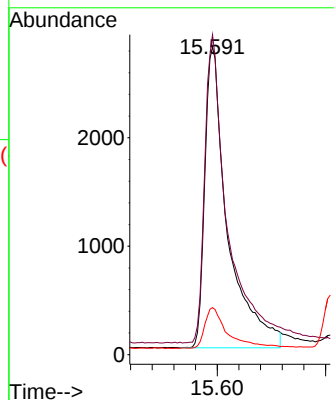
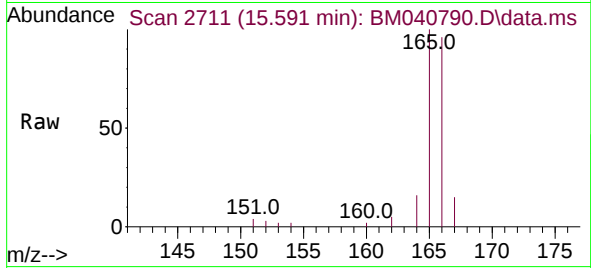




#12
 Fluorene
 Concen: 0.360 ng/ul
 RT: 15.591 min Scan# 2711
 Delta R.T. -0.000 min
 Lab File: BM040790.D
 Acq: 10 Jul 2023 08:49

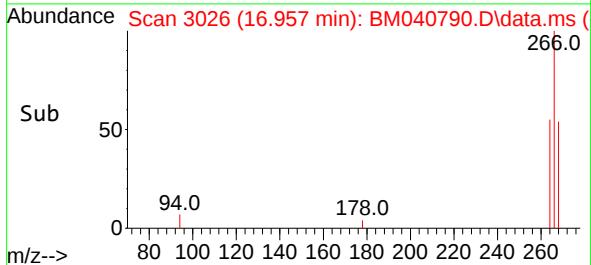
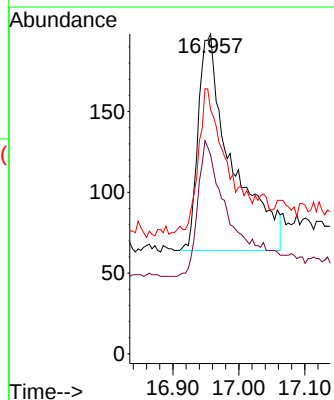
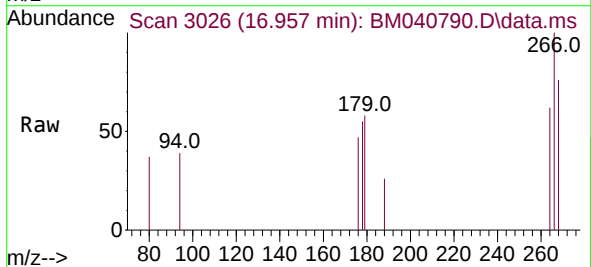
Instrument :
 BNA_M
 ClientSampleId :

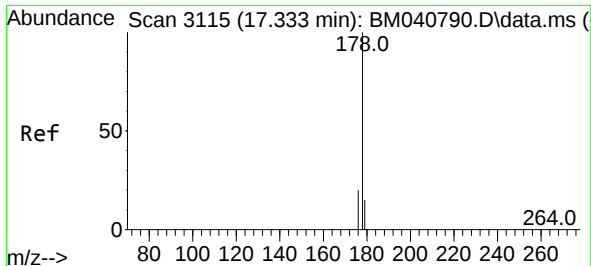
Tgt Ion:	166	Resp:	8152
Ion Ratio	Lower	Upper	
166	100		
165	103.9	79.6	119.4
167	15.3	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.287 ng/ul
 RT: 16.957 min Scan# 3026
 Delta R.T. 0.004 min
 Lab File: BM040790.D
 Acq: 10 Jul 2023 08:49

Tgt Ion:	266	Resp:	472
Ion Ratio	Lower	Upper	
266	100		
264	62.5	45.4	68.0
268	59.5	47.2	70.8

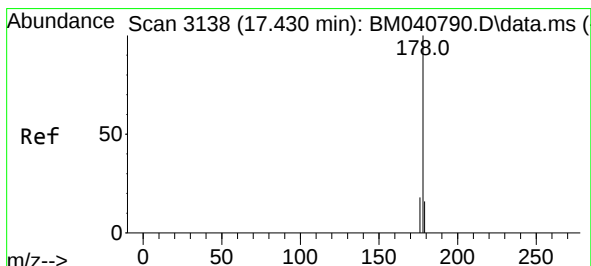
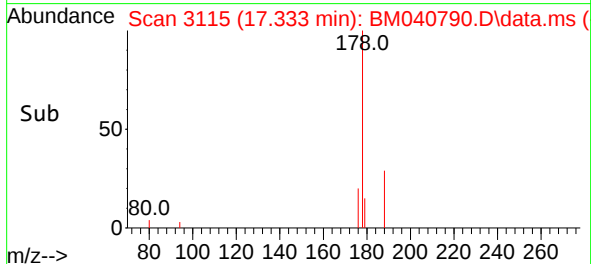
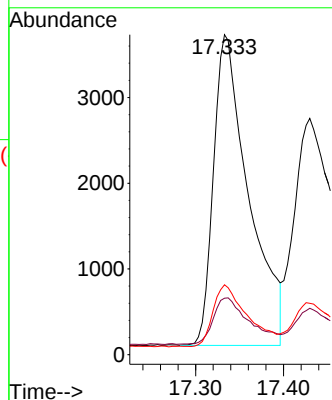
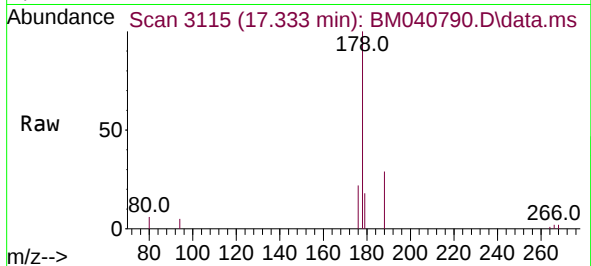




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

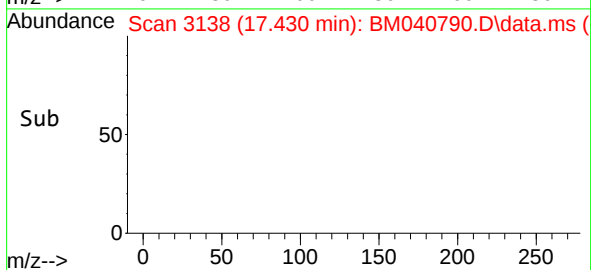
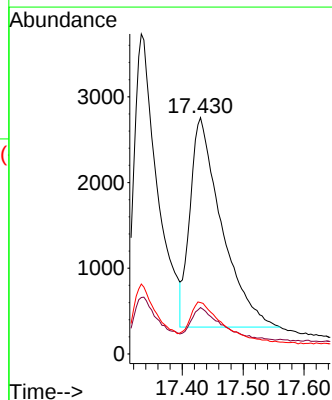
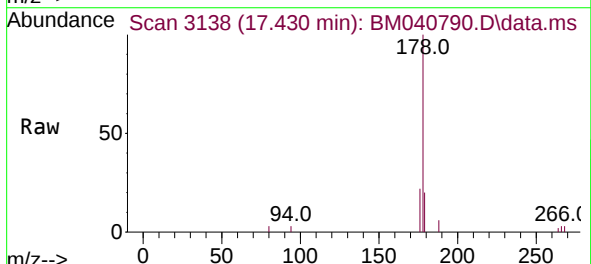
Instrument :
BNA_M
ClientSampleId :

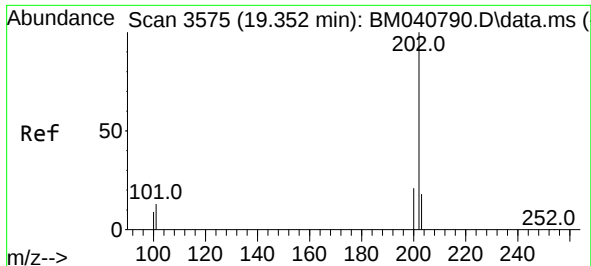
Tgt Ion:178 Resp: 10060
Ion Ratio Lower Upper
178 100
179 17.6 12.8 19.2
176 21.9 16.4 24.6



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Tgt Ion:178 Resp: 8793
Ion Ratio Lower Upper
178 100
179 19.6 12.9 19.3#
176 21.8 15.8 23.6

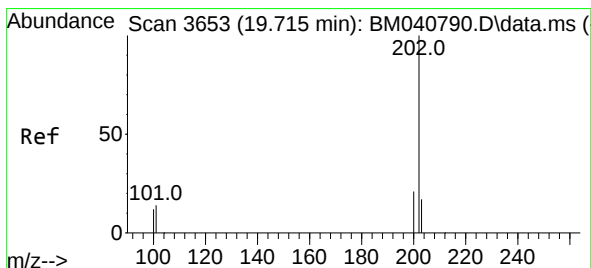
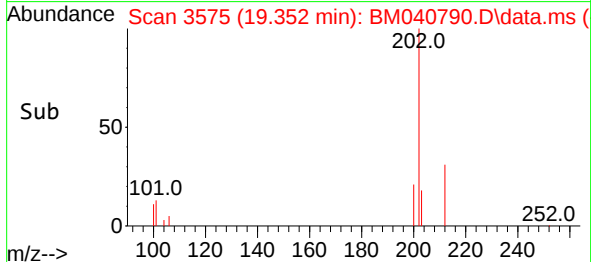
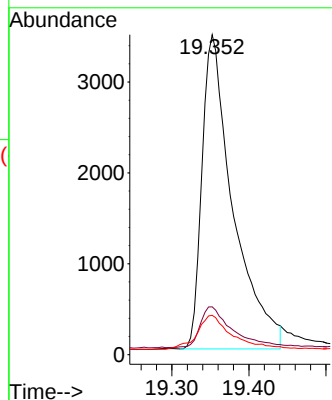
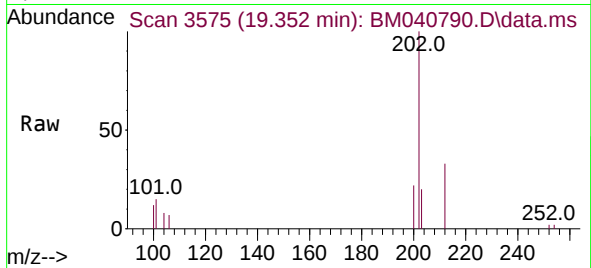




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.352 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

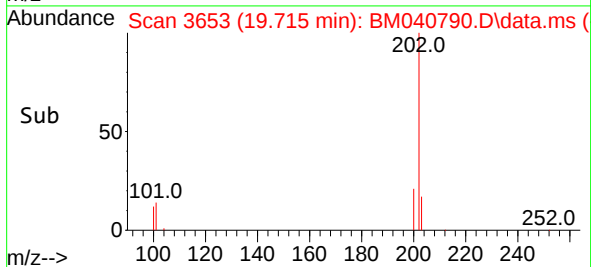
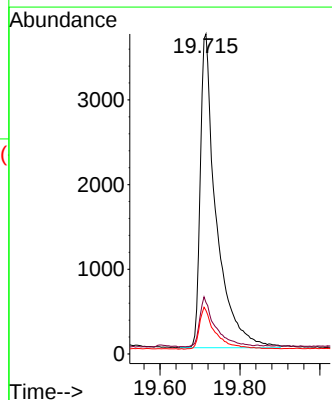
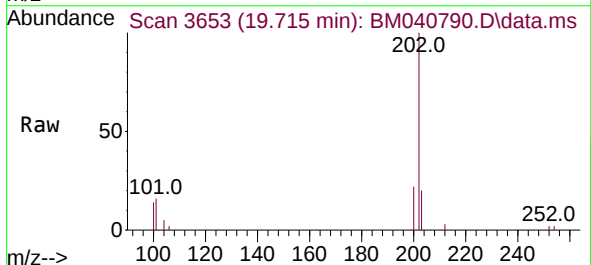
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BNA_M
ClientSampleId :

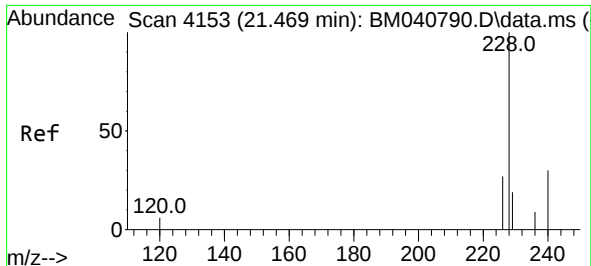
Tgt Ion:202 Resp: 9676
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 12.3 8.7 13.1



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.715 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

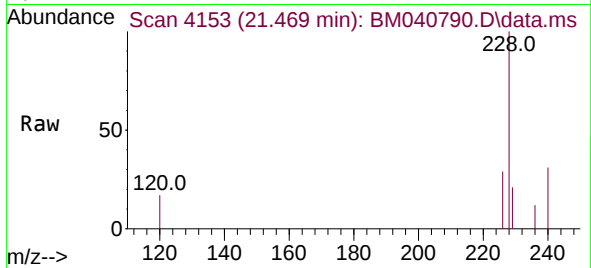
Tgt Ion:202 Resp: 10229
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 13.6 9.8 14.6



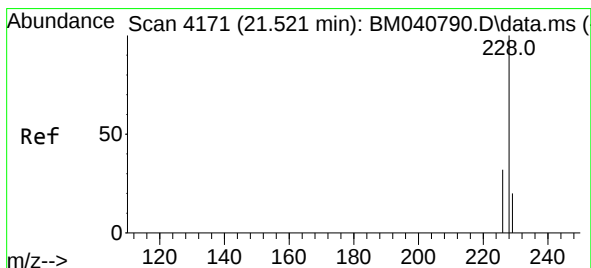
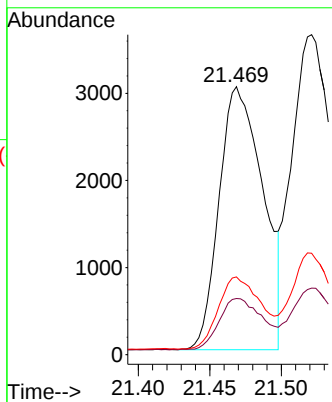
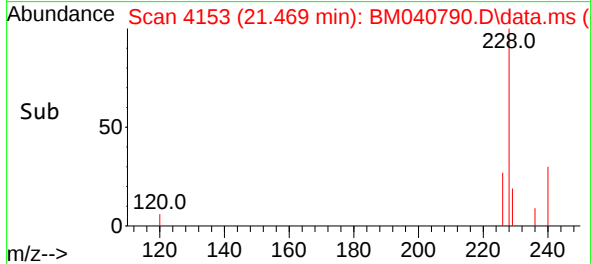


#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.469 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Instrument :
BNA_M
ClientSampleId :

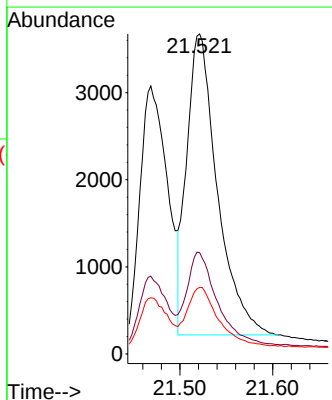
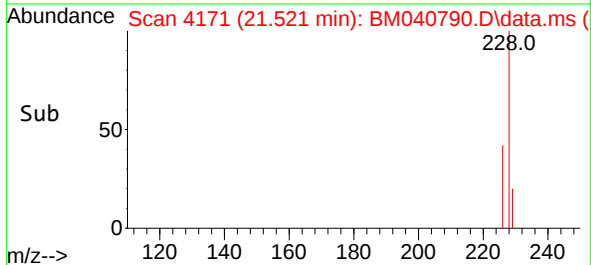
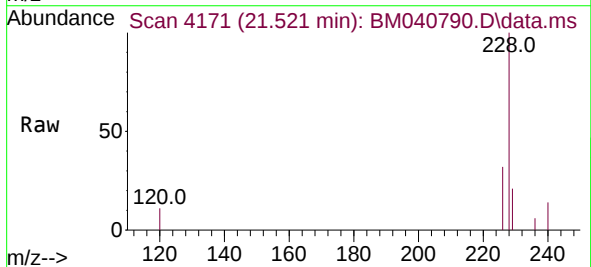


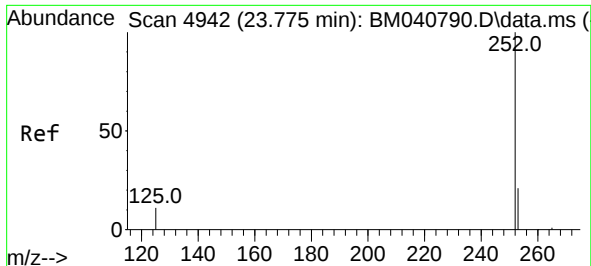
Tgt Ion:228 Resp: 6440
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 29.0 22.3 33.5



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. 0.006 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

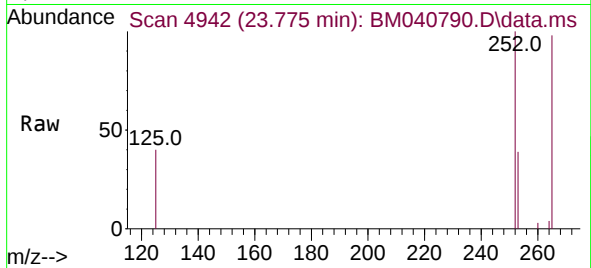
Tgt Ion:228 Resp: 7913
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.8 15.8 23.6



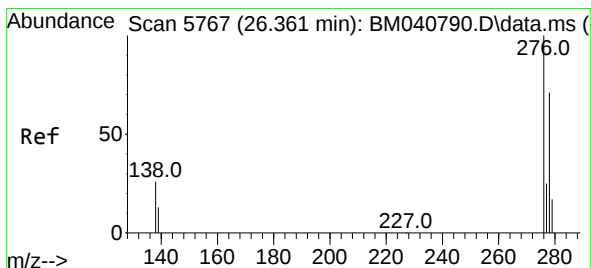
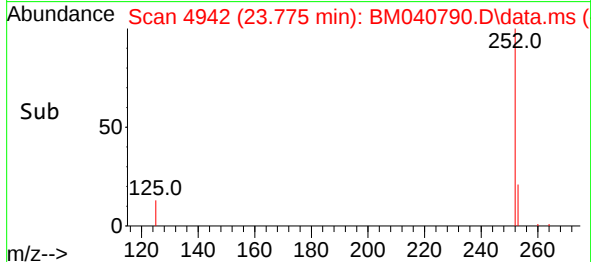
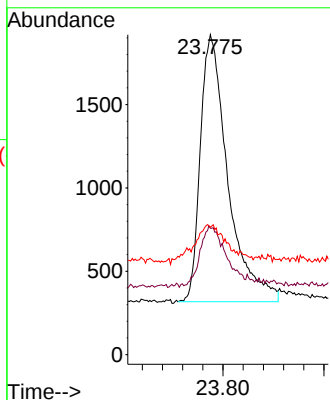


#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.775 min Scan# 4942
Delta R.T. 0.003 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Instrument :
BNA_M
ClientSampleId :

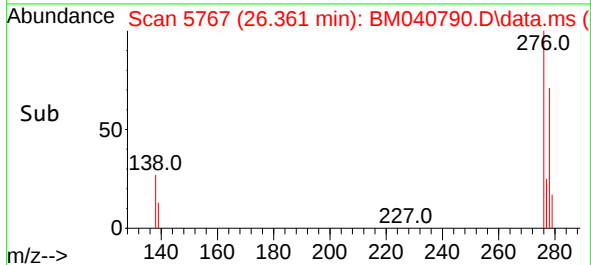
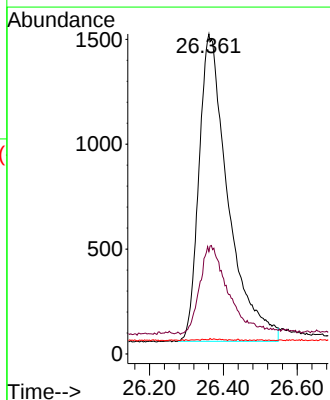
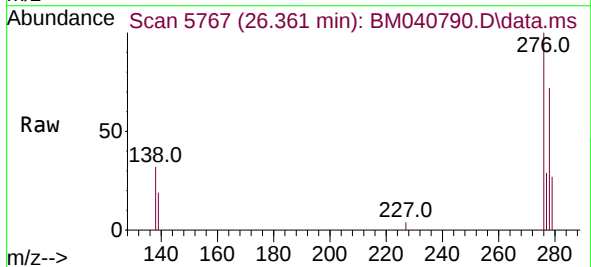


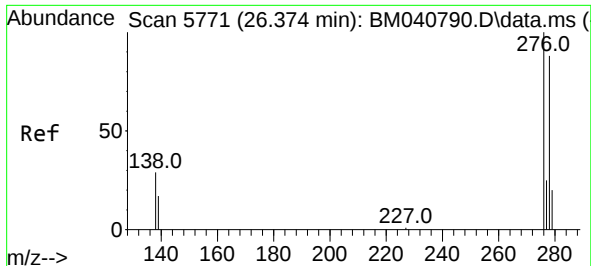
Tgt Ion:252 Resp: 6077
Ion Ratio Lower Upper
252 100
253 39.5 22.9 34.3#
125 39.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 26.361 min Scan# 5767
Delta R.T. 0.003 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

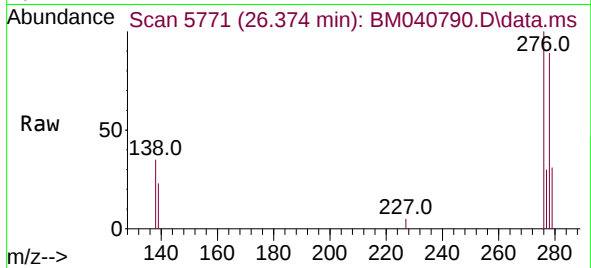
Tgt Ion:276 Resp: 8006
Ion Ratio Lower Upper
276 100
138 28.8 24.5 36.7
227 0.1 0.1 0.1#



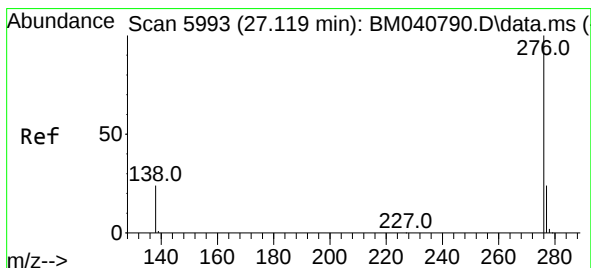
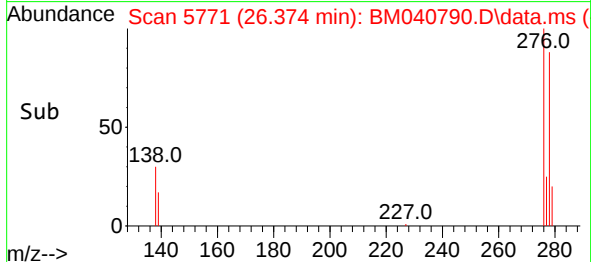
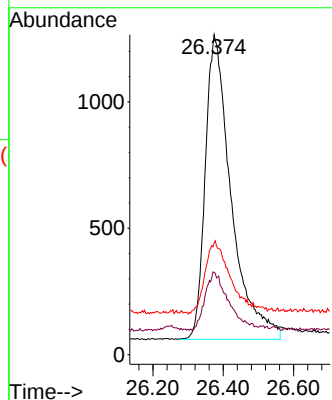


#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.374 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 6160
Ion Ratio Lower Upper
278 100
139 25.8 17.9 26.9
279 34.9 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.119 min Scan# 5993
Delta R.T. -0.003 min
Lab File: BM040790.D
Acq: 10 Jul 2023 08:49

Tgt Ion:276 Resp: 7586
Ion Ratio Lower Upper
276 100
138 30.0 23.0 34.6
277 28.7 20.3 30.5

