

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
 Data File : BM040080.D
 Acq On : 31 May 2023 14:59
 Operator : CG/JU
 Sample : SSTD3.281
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Quant Time: May 31 18:07:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 18:06:12 2023
 Response via : Initial Calibration

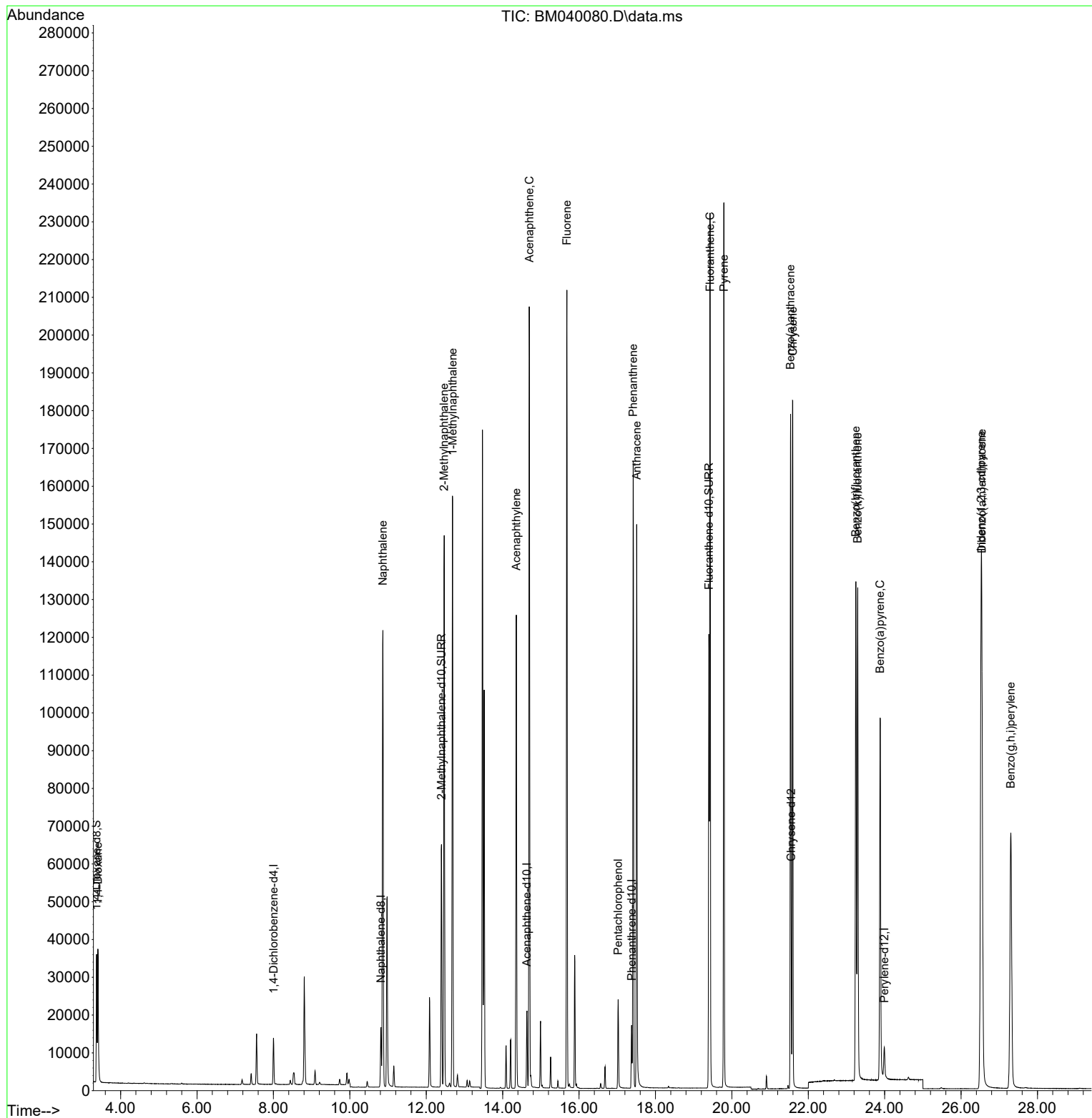
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.003	152	6240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	20946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	10717	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	18391	0.400	ng/ul	0.00
17) Chrysene-d12	21.551	240	14145	0.400	ng/ul	0.00
23) Perylene-d12	23.989	264	11783	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	23105	3.012	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	80380	3.157	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	115432	2.792	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	24758	3.072	ng/ul#	56
5) Naphthalene	10.865	128	161792	2.901	ng/ul	99
7) 2-Methylnaphthalene	12.470	142	100068	3.225	ng/ul	100
8) 1-Methylnaphthalene	12.690	142	105129	3.247	ng/ul	100
10) Acenaphthylene	14.358	152	138739	3.316	ng/ul	98
11) Acenaphthene	14.696	153	113343	3.149	ng/ul	100
12) Fluorene	15.681	166	122635	3.292	ng/ul	100
14) Pentachlorophenol	17.023	266	15058	3.661	ng/ul	99
15) Phenanthrene	17.415	178	172478	3.267	ng/ul	99
16) Anthracene	17.508	178	158296	3.670	ng/ul	99
19) Fluoranthene	19.429	202	179421	2.939	ng/ul	99
20) Pyrene	19.792	202	177303	2.883	ng/ul	95
21) Benzo(a)anthracene	21.537	228	146860	3.163	ng/ul	99
22) Chrysene	21.592	228	152419	3.030	ng/ul	99
24) Benzo(b)fluoranthene	23.247	252	165415	3.331	ng/ul	93
25) Benzo(k)fluoranthene	23.293	252	160308	3.390	ng/ul#	92
26) Benzo(a)pyrene	23.881	252	136270	3.372	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.523	276	182500	3.484	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.543	278	146760	3.544	ng/ul	94
29) Benzo(g,h,i)perylene	27.301	276	143514	3.379	ng/ul	97

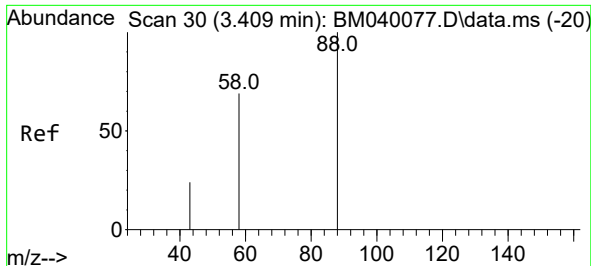
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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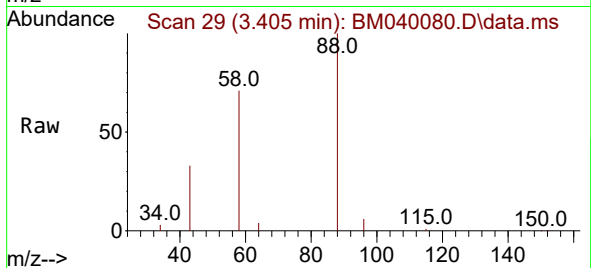
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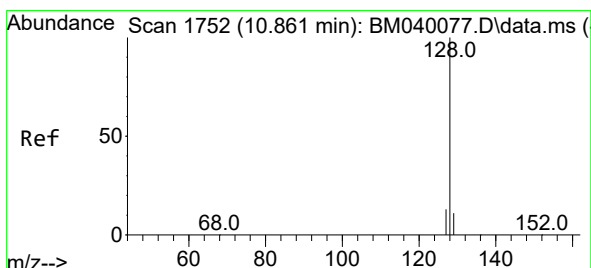
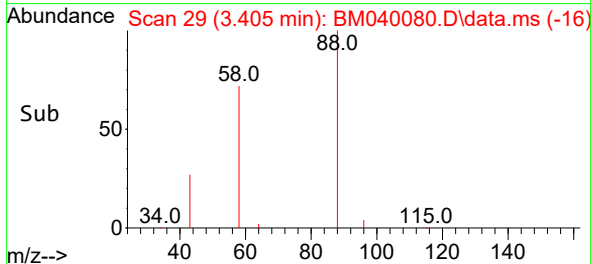
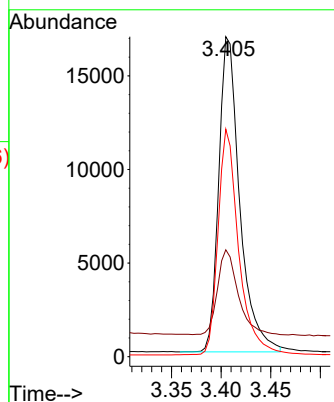


#2
1,4-Dioxane
Concen: 3.072 ng/ul
RT: 3.405 min Scan# 29
Delta R.T. -0.004 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

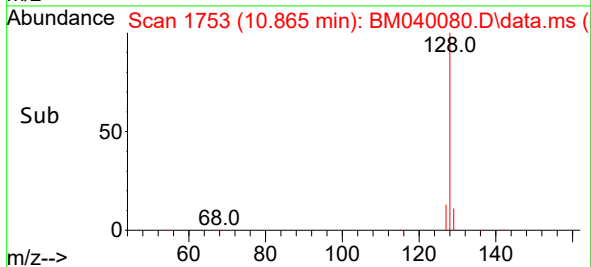
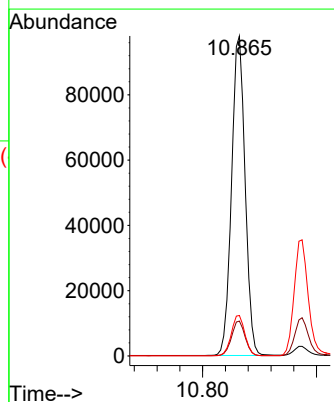
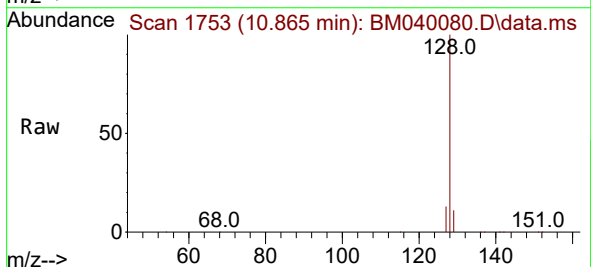


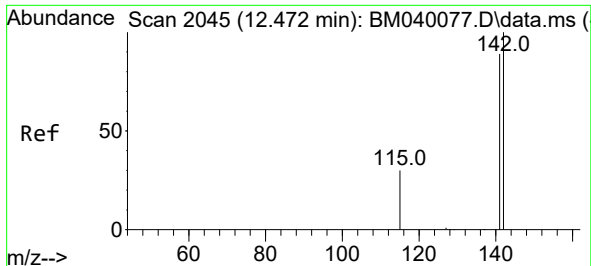
Tgt Ion: 88 Resp: 24758
Ion Ratio Lower Upper
88 100
43 33.4 81.3 121.9#
58 71.1 52.0 78.0



#5
Naphthalene
Concen: 2.901 ng/ul
RT: 10.865 min Scan# 1753
Delta R.T. 0.004 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion: 128 Resp: 161792
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.7 10.5 15.7

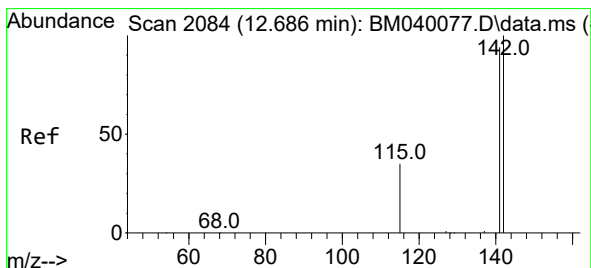
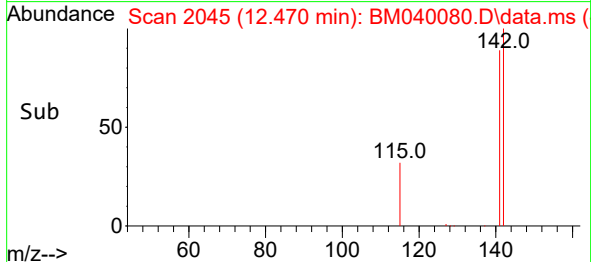
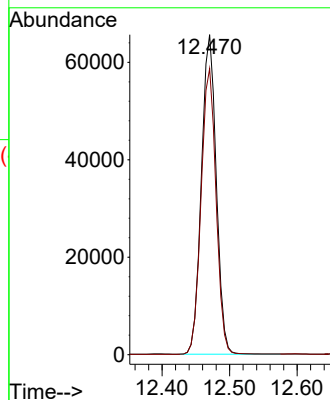
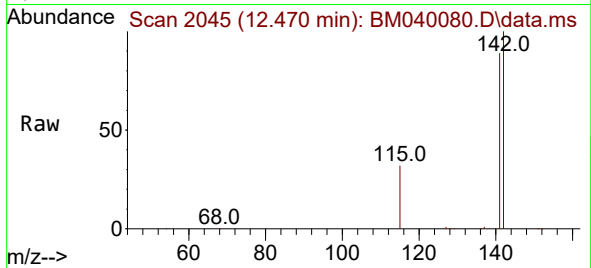




#7
2-Methylnaphthalene
Concen: 3.225 ng/ul
RT: 12.470 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

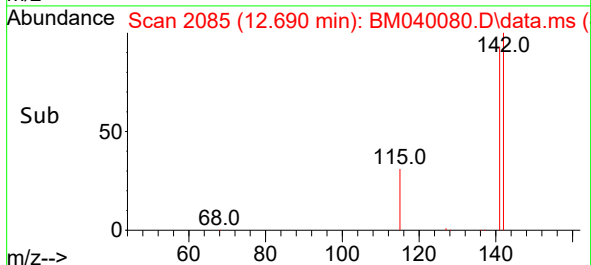
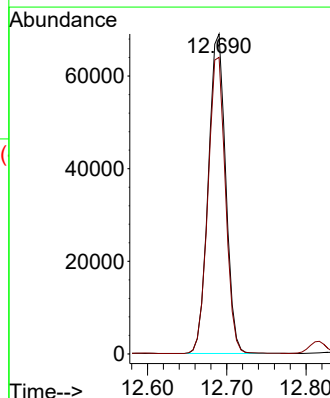
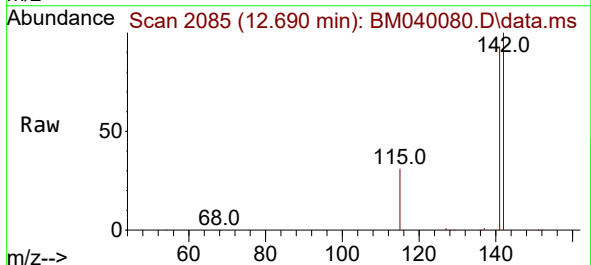
Instrument :
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ClientSampleId :
SSTD3.2013

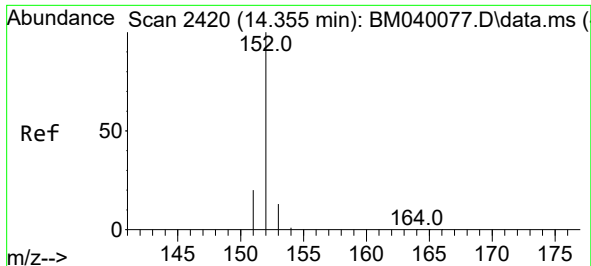
Tgt Ion:142 Resp: 100068
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8



#8
1-Methylnaphthalene
Concen: 3.247 ng/ul
RT: 12.690 min Scan# 2085
Delta R.T. 0.004 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:142 Resp: 105129
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1

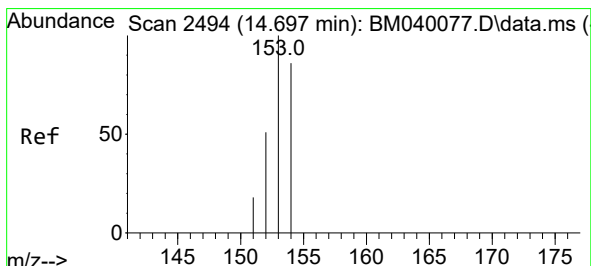
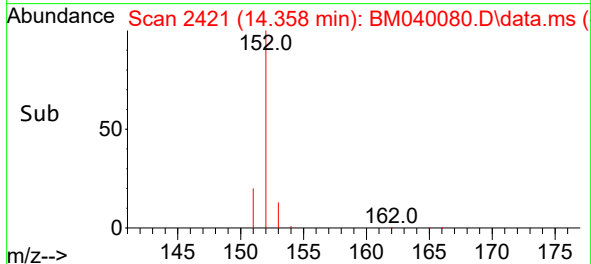
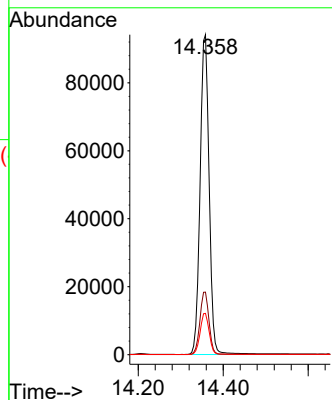
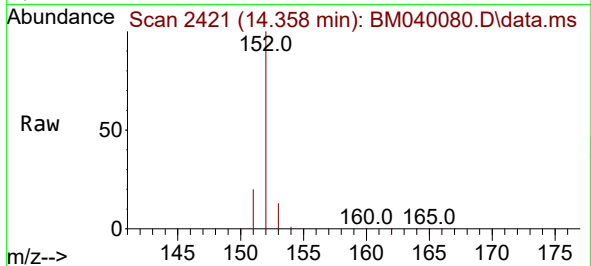




#10
Acenaphthylene
Concen: 3.316 ng/ul
RT: 14.358 min Scan# 2420
Delta R.T. 0.003 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

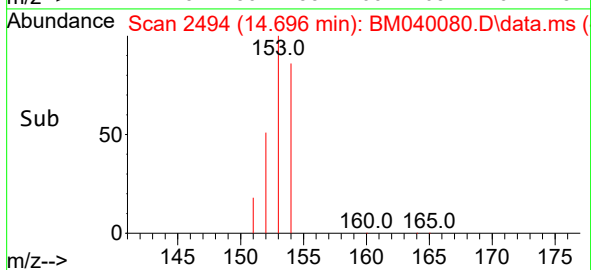
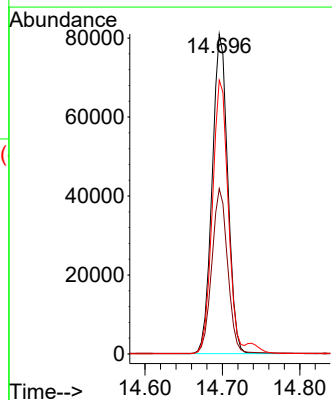
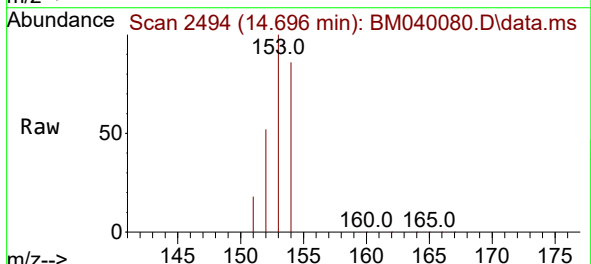
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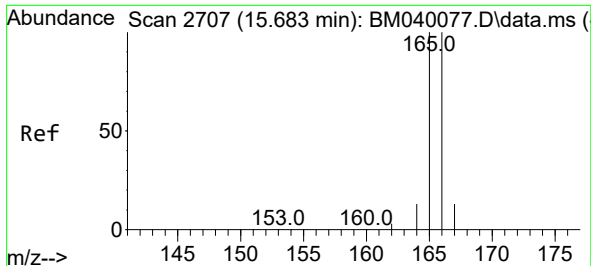
Tgt Ion:152 Resp: 138739
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.9 10.8 16.2



#11
Acenaphthene
Concen: 3.149 ng/ul
RT: 14.696 min Scan# 2494
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:153 Resp: 113343
Ion Ratio Lower Upper
153 100
152 51.6 41.2 61.8
154 85.6 68.8 103.2

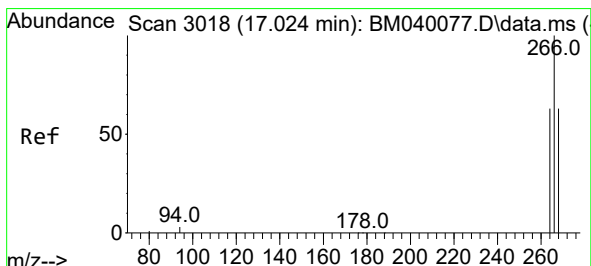
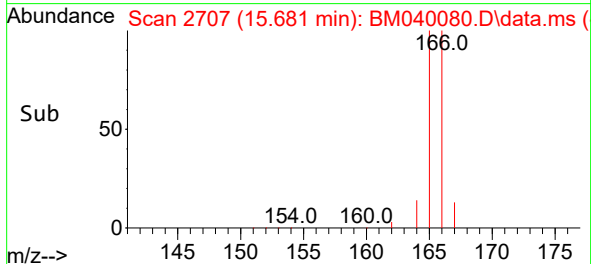
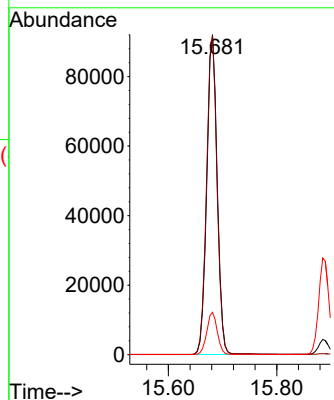
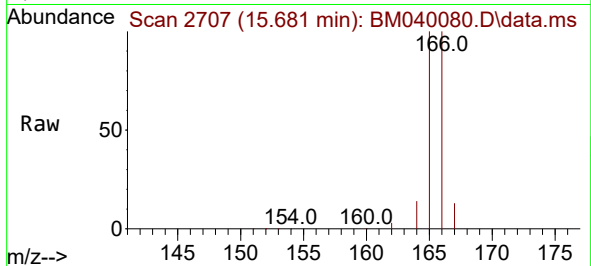




#12
Fluorene
Concen: 3.292 ng/ul
RT: 15.681 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

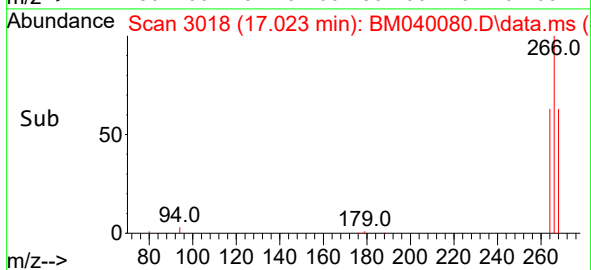
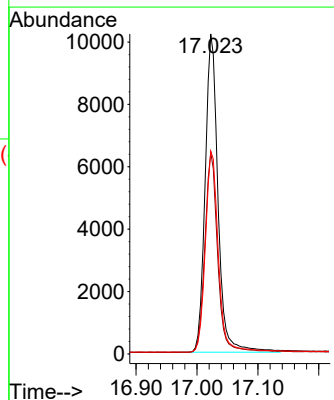
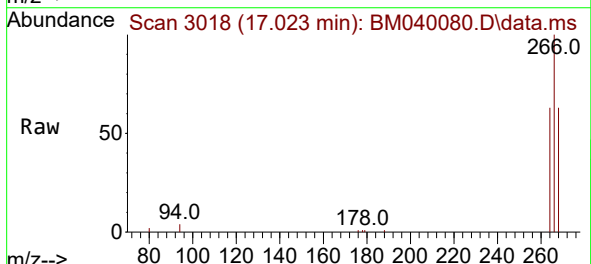
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ClientSampleId :
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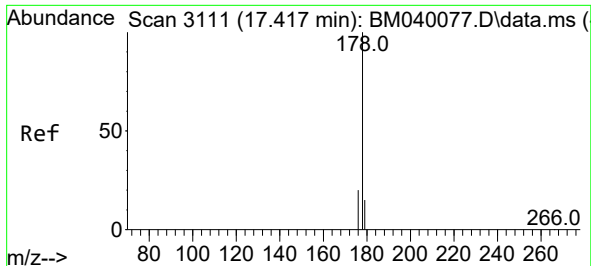
Tgt Ion:166 Resp: 122635
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.8
167 13.3 11.2 16.8



#14
Pentachlorophenol
Concen: 3.661 ng/ul
RT: 17.023 min Scan# 3018
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:266 Resp: 15058
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 63.8 51.5 77.3

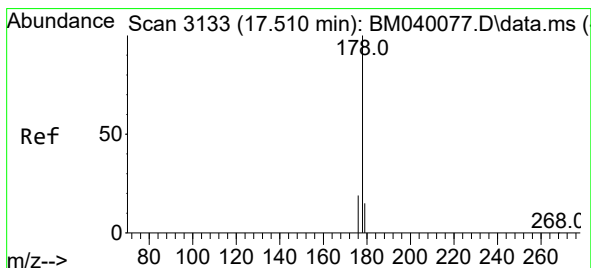
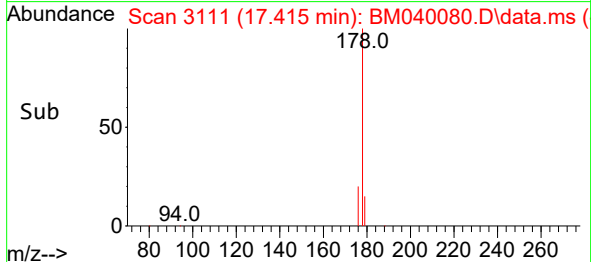
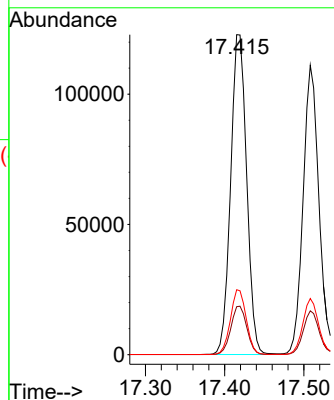
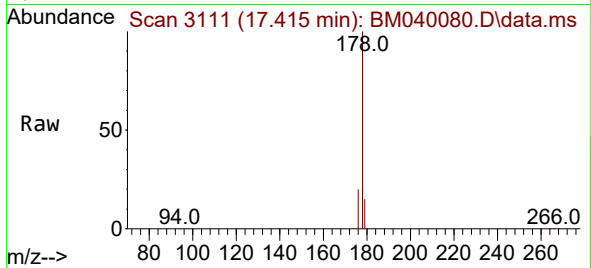




#15
Phenanthrene
Concen: 3.267 ng/ul
RT: 17.415 min Scan# 3111
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

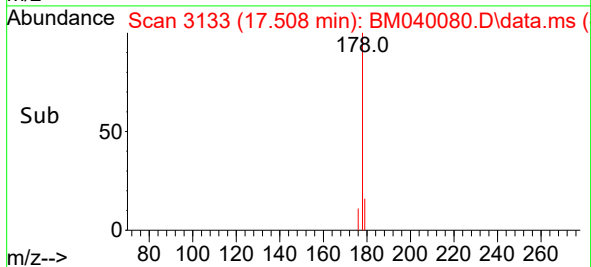
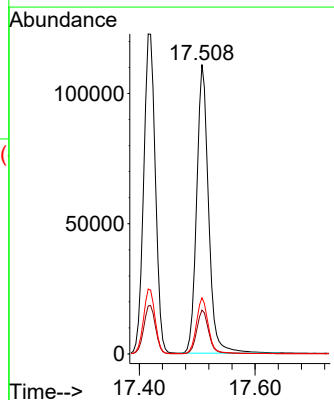
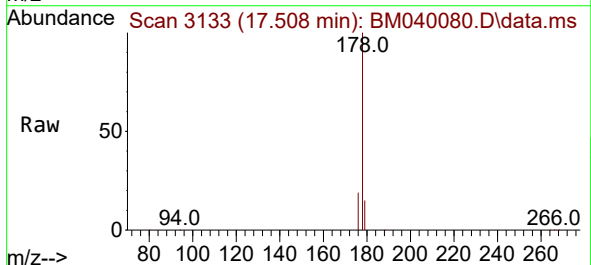
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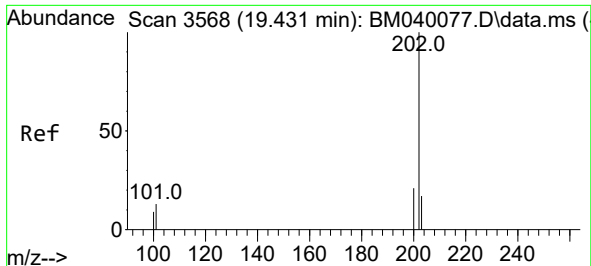
Tgt Ion:178 Resp: 172478
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 20.3 16.4 24.6



#16
Anthracene
Concen: 3.670 ng/ul
RT: 17.508 min Scan# 3133
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:178 Resp: 158296
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 19.4 15.8 23.6

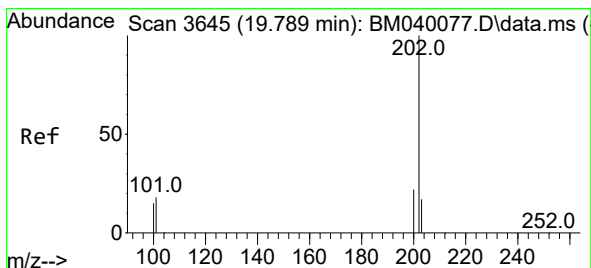
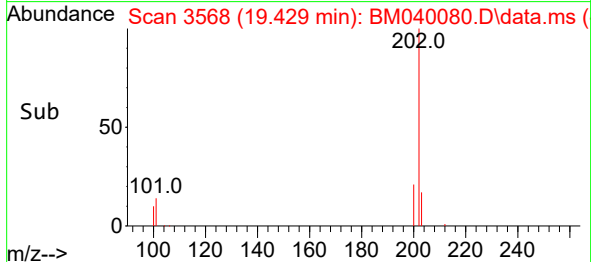
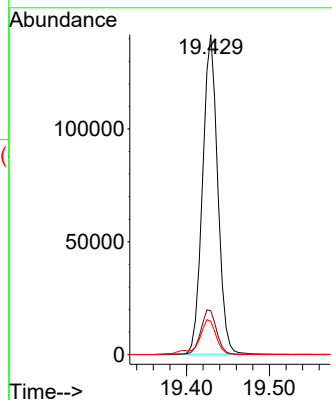
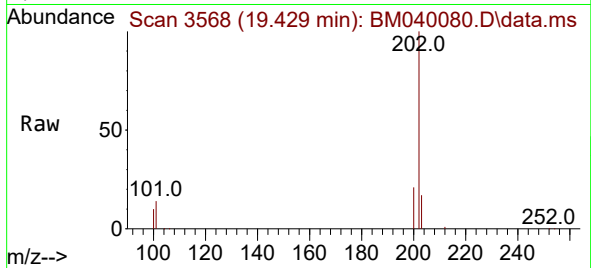




#19
Fluoranthene
Concen: 2.939 ng/ul
RT: 19.429 min Scan# 3568
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

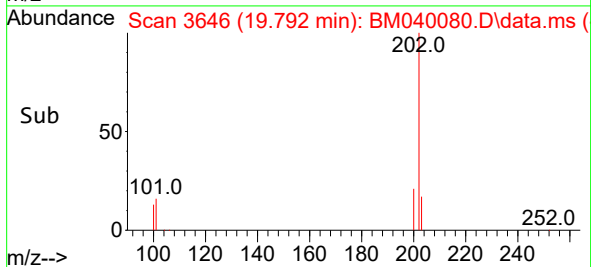
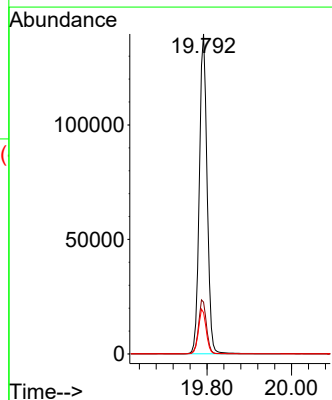
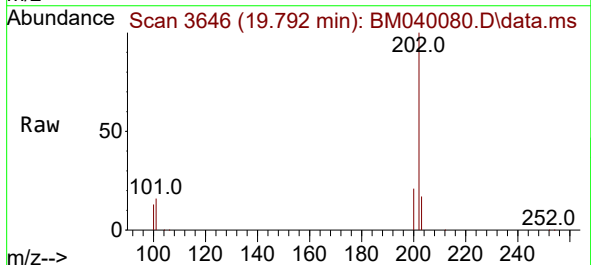
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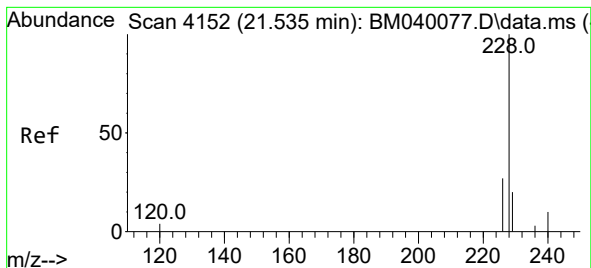
Tgt Ion:202 Resp: 179421
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.5 8.6 12.8



#20
Pyrene
Concen: 2.883 ng/ul
RT: 19.792 min Scan# 3646
Delta R.T. 0.003 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:202 Resp: 177303
Ion Ratio Lower Upper
202 100
101 16.2 14.7 22.1
100 12.9 12.2 18.2





#21

Benzo(a)anthracene

Concen: 3.163 ng/ul

RT: 21.537 min Scan# 4152

Delta R.T. 0.001 min

Lab File: BM040080.D

Acq: 31 May 2023 14:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

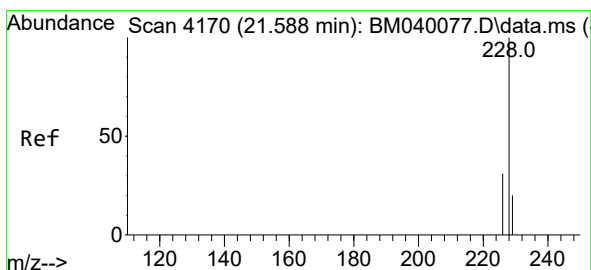
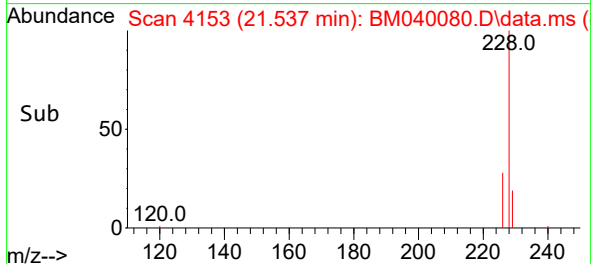
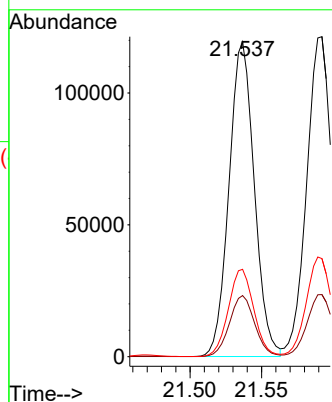
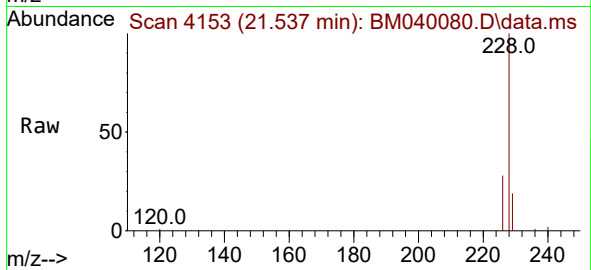
Tgt Ion:228 Resp: 146860

Ion Ratio Lower Upper

228 100

229 19.4 16.1 24.1

226 27.7 22.1 33.1



#22

Chrysene

Concen: 3.030 ng/ul

RT: 21.592 min Scan# 4172

Delta R.T. 0.004 min

Lab File: BM040080.D

Acq: 31 May 2023 14:59

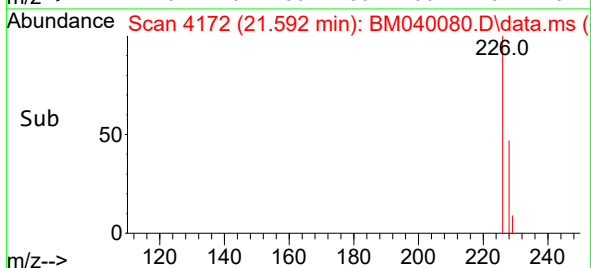
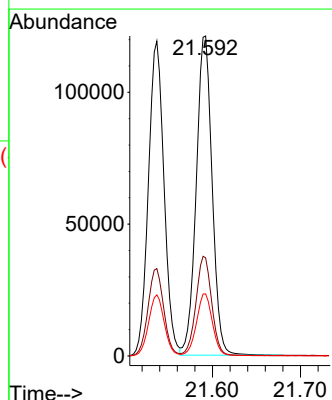
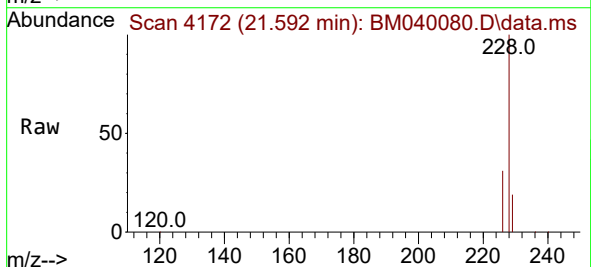
Tgt Ion:228 Resp: 152419

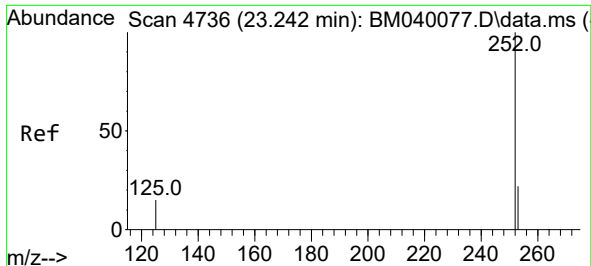
Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 19.4 15.9 23.9

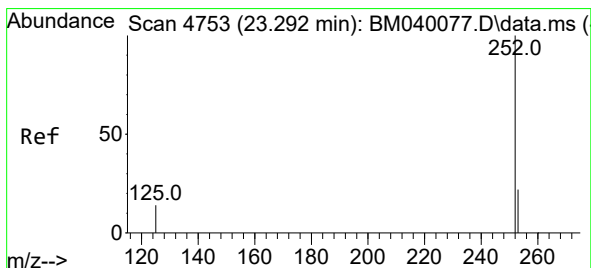
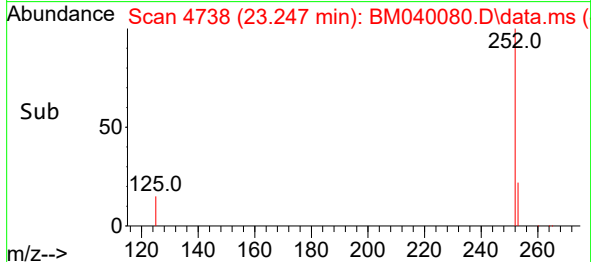
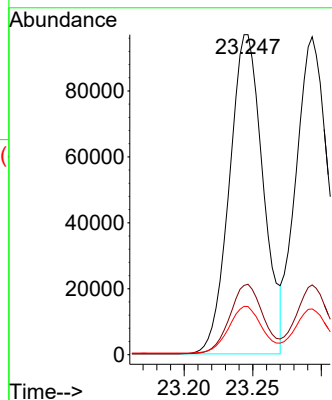
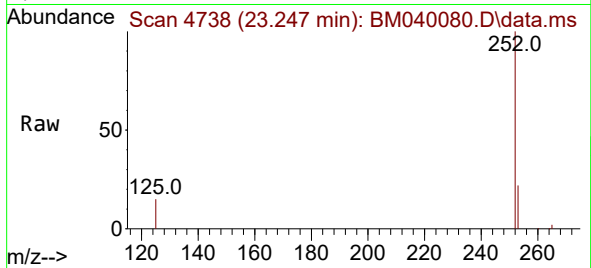




#24
Benzo(b)fluoranthene
Concen: 3.331 ng/ul
RT: 23.247 min Scan# 4738
Delta R.T. 0.004 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

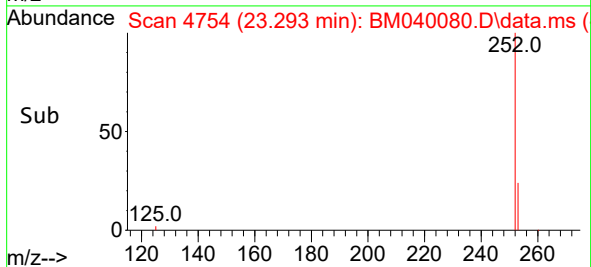
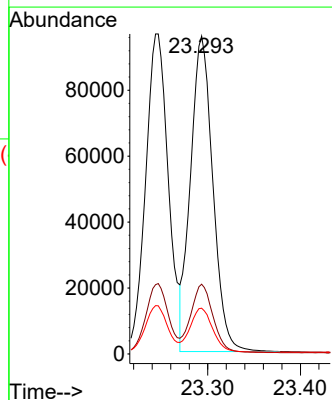
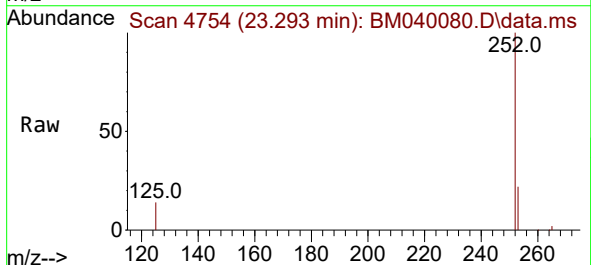
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

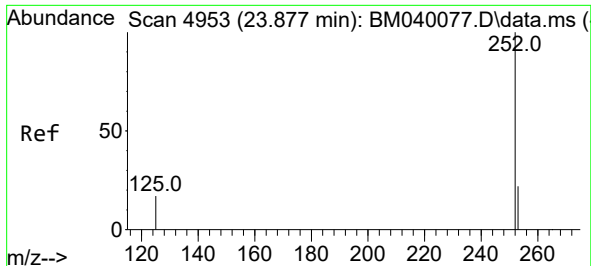
Tgt Ion:252 Resp: 165415
Ion Ratio Lower Upper
252 100
253 22.0 0.0 48.6
125 15.1 0.0 38.8



#25
Benzo(k)fluoranthene
Concen: 3.390 ng/ul
RT: 23.293 min Scan# 4754
Delta R.T. 0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:252 Resp: 160308
Ion Ratio Lower Upper
252 100
253 21.9 19.5 29.3
125 14.4 15.9 23.9#

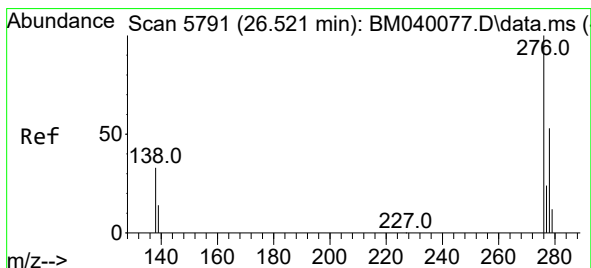
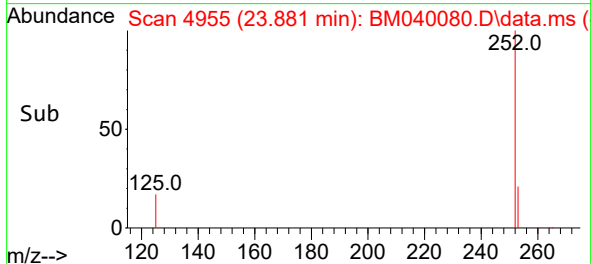
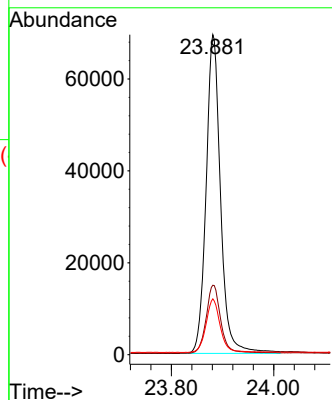
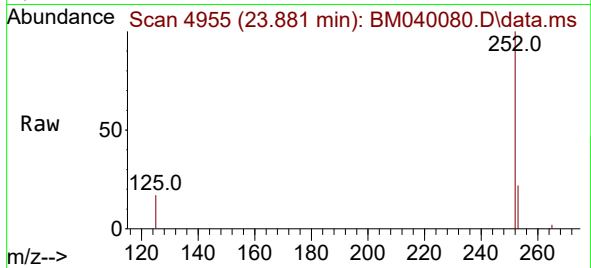




#26
Benzo(a)pyrene
Concen: 3.372 ng/ul
RT: 23.881 min Scan# 4953
Delta R.T. 0.004 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

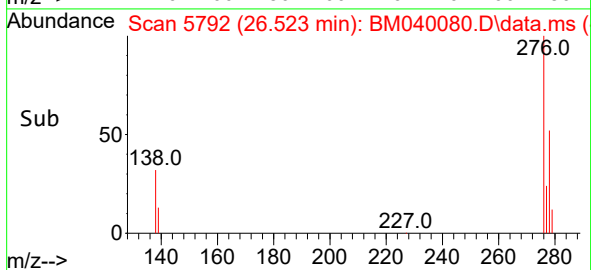
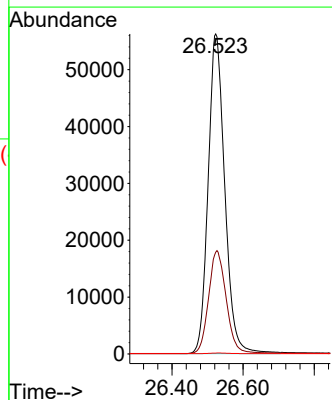
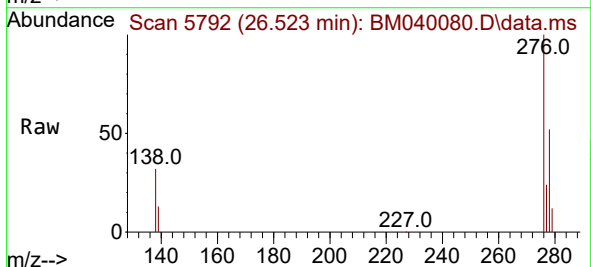
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

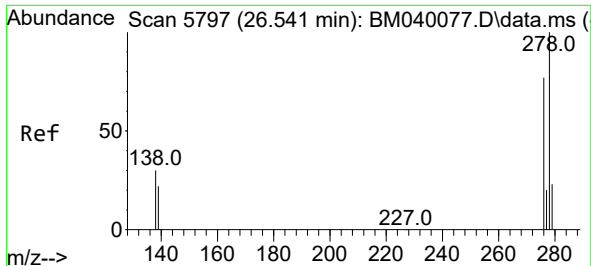
Tgt Ion:252 Resp: 136270
Ion Ratio Lower Upper
252 100
253 21.7 21.0 31.4
125 17.5 19.8 29.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.484 ng/ul
RT: 26.523 min Scan# 5792
Delta R.T. 0.002 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:276 Resp: 182500
Ion Ratio Lower Upper
276 100
138 34.1 28.0 42.0
227 0.2 0.1 0.1#

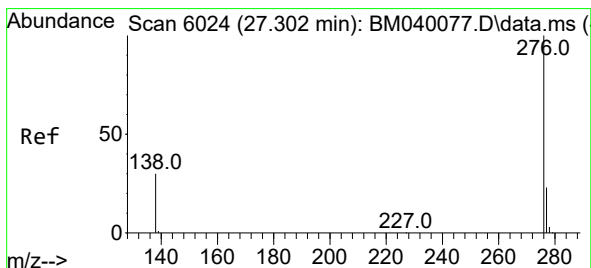
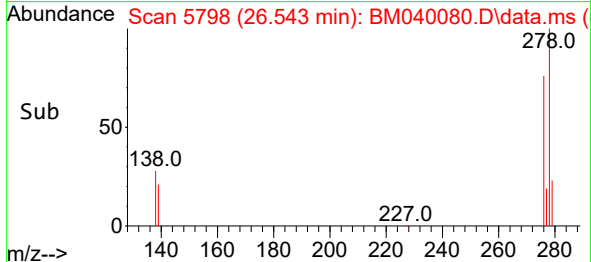
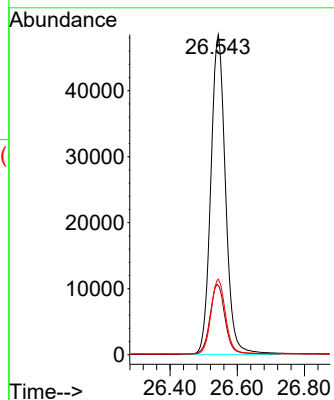
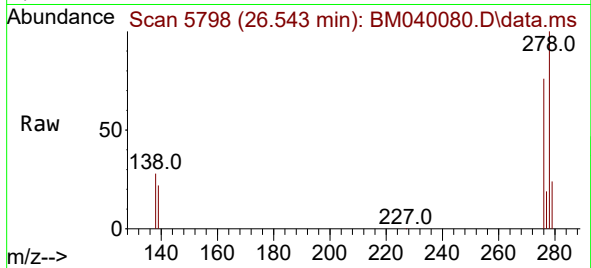




#28
Dibenzo(a,h)anthracene
Concen: 3.544 ng/ul
RT: 26.543 min Scan# 5797
Delta R.T. 0.002 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:278 Resp: 146760
Ion Ratio Lower Upper
278 100
139 21.6 19.6 29.4
279 23.6 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 3.379 ng/ul
RT: 27.301 min Scan# 6024
Delta R.T. -0.001 min
Lab File: BM040080.D
Acq: 31 May 2023 14:59

Tgt Ion:276 Resp: 143514
Ion Ratio Lower Upper
276 100
138 29.5 25.2 37.8
277 23.4 19.8 29.8

