

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
 Data File : BM040077.D
 Acq On : 31 May 2023 13:10
 Operator : CG/JU
 Sample : SSTD0.478
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4010

Quant Time: May 31 18:07:11 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

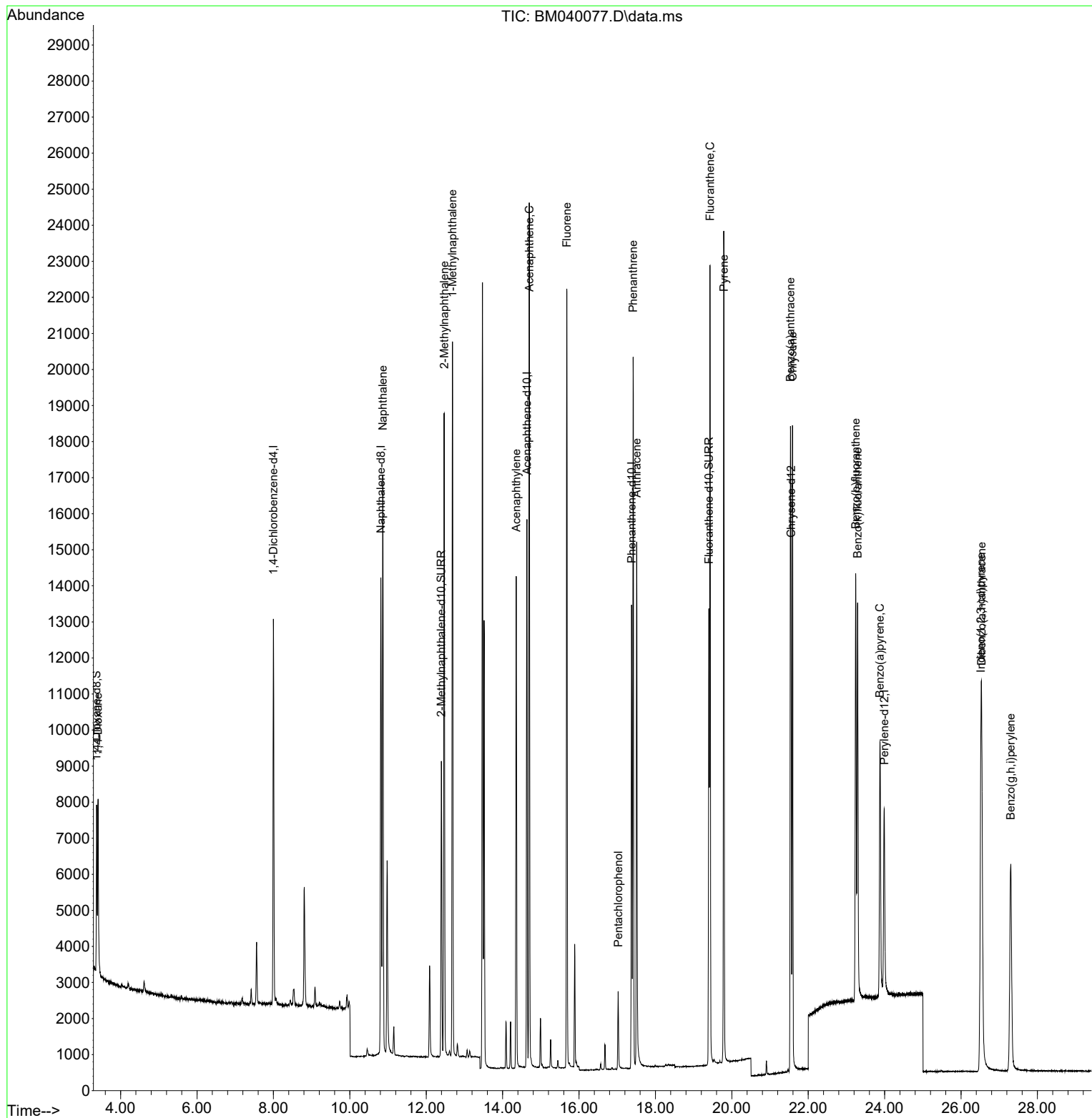
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	5409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	17571	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.637	164	7985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	14649	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	8648	0.400	ng/ul	0.00
23) Perylene-d12	23.991	264	7613	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	3306	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	10593	0.496	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	12607	0.499	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.409	88	3442	0.493	ng/ul	100
5) Naphthalene	10.861	128	22431	0.479	ng/ul	100
7) 2-Methylnaphthalene	12.472	142	12825	0.493	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	13349	0.491	ng/ul	100
10) Acenaphthylene	14.355	152	15177	0.487	ng/ul	100
11) Acenaphthene	14.697	153	13224	0.493	ng/ul	100
12) Fluorene	15.683	166	13597	0.490	ng/ul	100
14) Pentachlorophenol	17.024	266	1429	0.436	ng/ul	100
15) Phenanthrene	17.417	178	20031	0.476	ng/ul	100
16) Anthracene	17.510	178	16094	0.468	ng/ul	100
19) Fluoranthene	19.431	202	18690	0.501	ng/ul	100
20) Pyrene	19.789	202	18611	0.495	ng/ul	100
21) Benzo(a)anthracene	21.535	228	14017	0.494	ng/ul	100
22) Chrysene	21.588	228	15410	0.501	ng/ul	100
24) Benzo(b)fluoranthene	23.242	252	15310	0.477	ng/ul	100
25) Benzo(k)fluoranthene	23.292	252	14452	0.473	ng/ul	100
26) Benzo(a)pyrene	23.877	252	11704	0.448	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.521	276	15135	0.447	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.541	278	12111	0.453	ng/ul	100
29) Benzo(g,h,i)perylene	27.302	276	13139	0.479	ng/ul	100

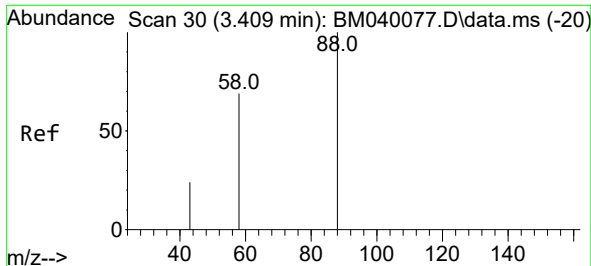
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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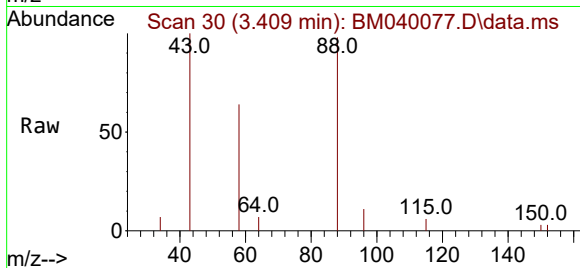
Quant Time: May 31 18:07:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
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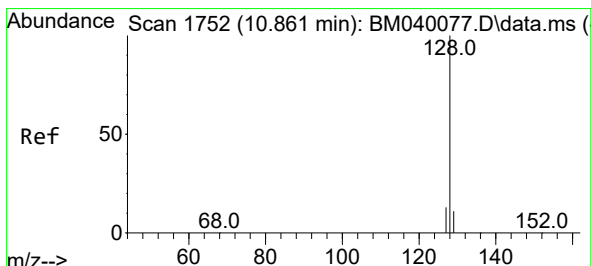
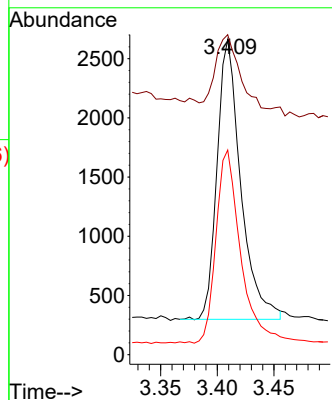
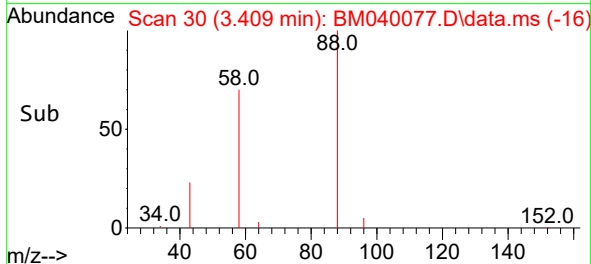
#2
1,4-Dioxane
Concen: 0.493 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

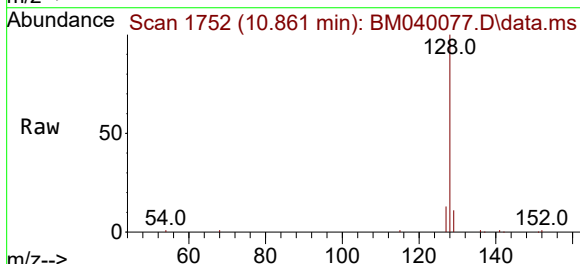


Tgt Ion: 88 Resp: 3442

Ion	Ratio	Lower	Upper
88	100		
43	101.6	81.3	121.9
58	65.0	52.0	78.0

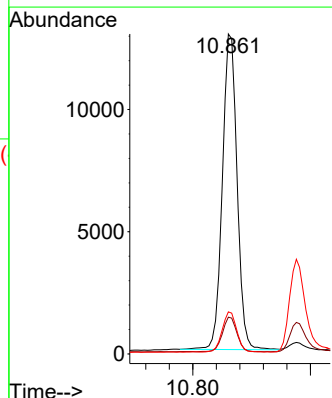
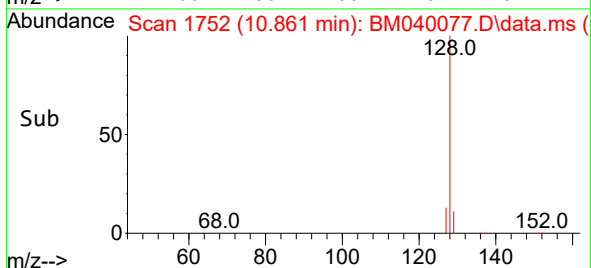


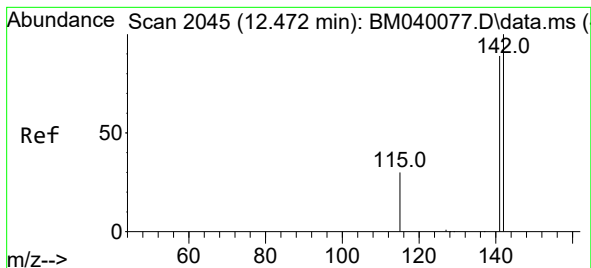
#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10



Tgt Ion: 128 Resp: 22431

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.1	10.5	15.7

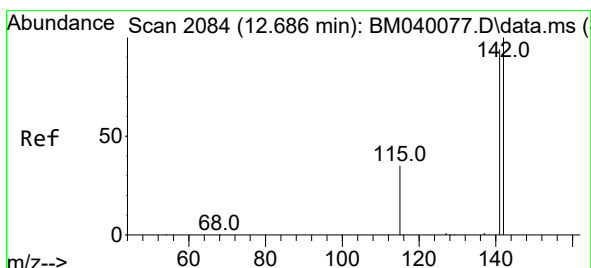
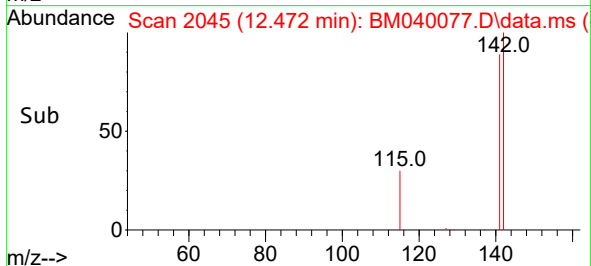
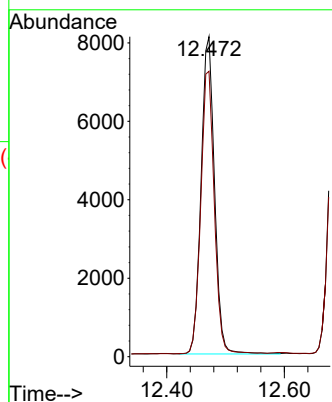
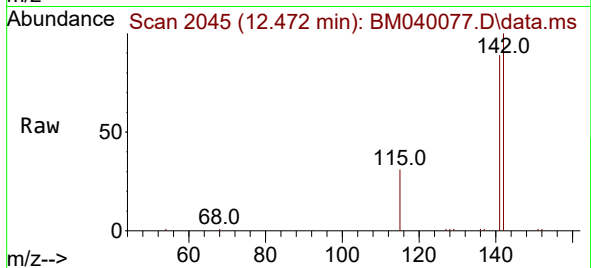




#7
2-Methylnaphthalene
Concen: 0.493 ng/ul
RT: 12.472 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

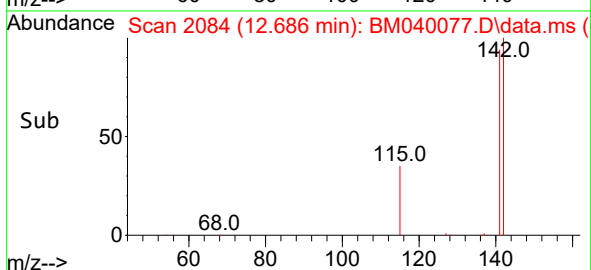
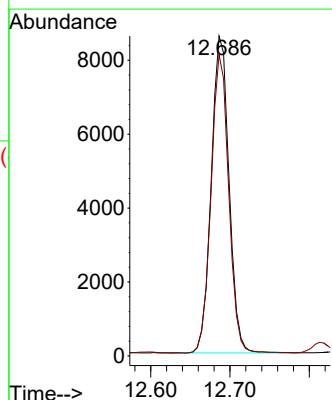
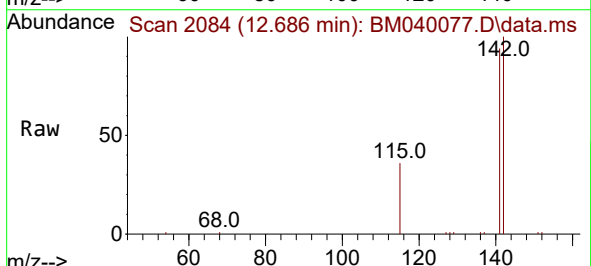
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

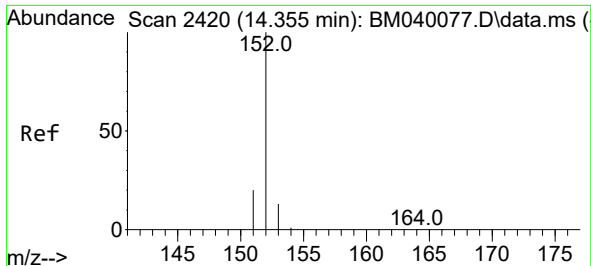
Tgt Ion:142 Resp: 12825
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.491 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:142 Resp: 13349
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1

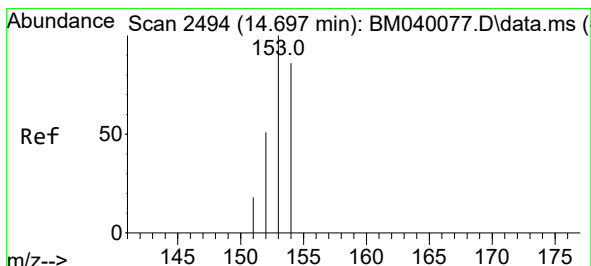
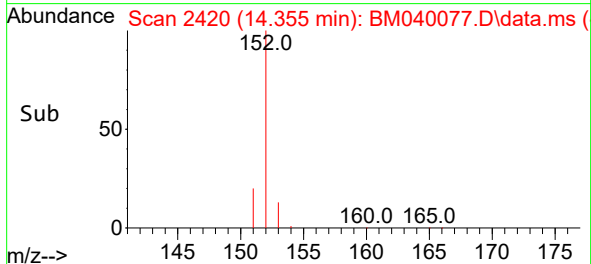
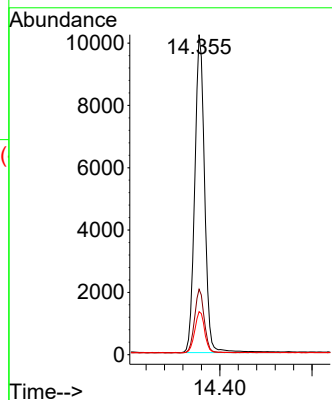
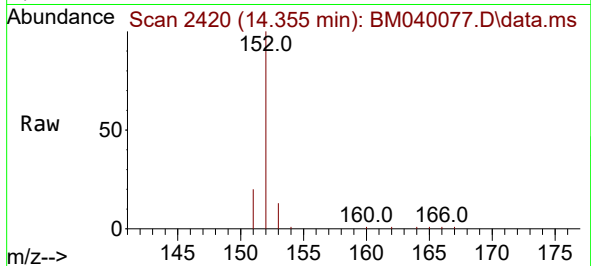




#10
Acenaphthylene
Concen: 0.487 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

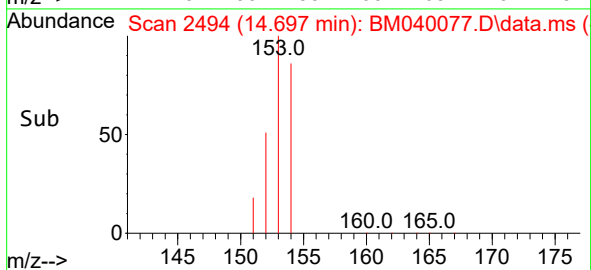
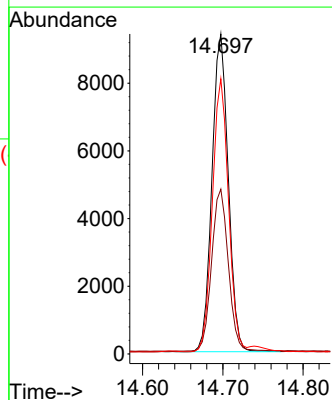
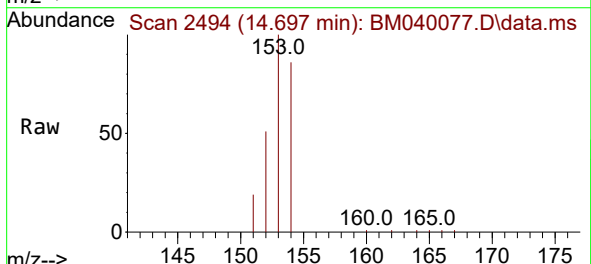
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ClientSampleId :
SSTD0.4010

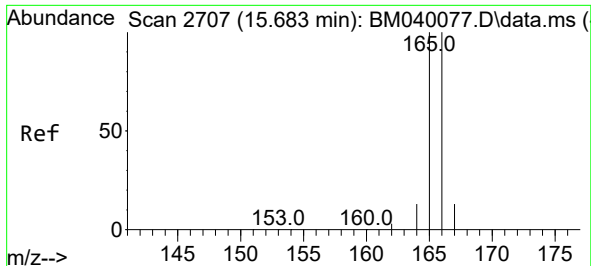
Tgt Ion:152 Resp: 15177
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.493 ng/ul
RT: 14.697 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:153 Resp: 13224
Ion Ratio Lower Upper
153 100
152 51.5 41.2 61.8
154 86.0 68.8 103.2

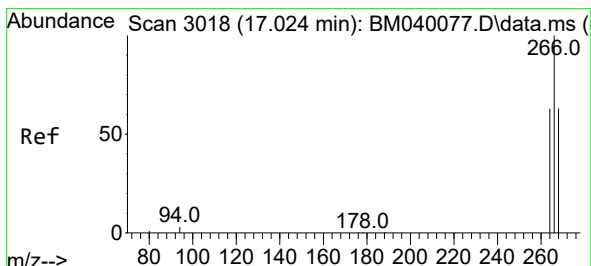
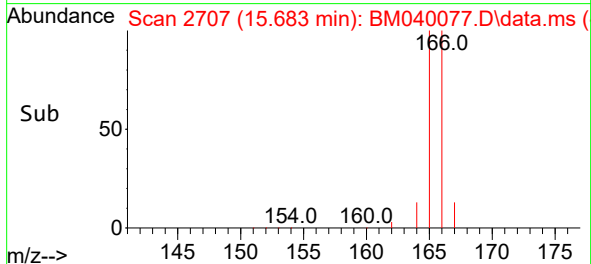
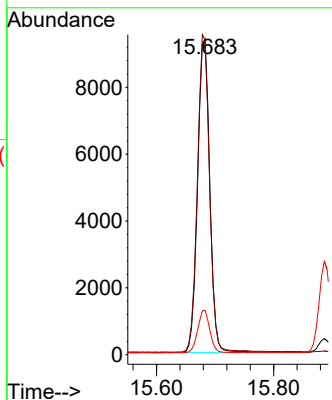
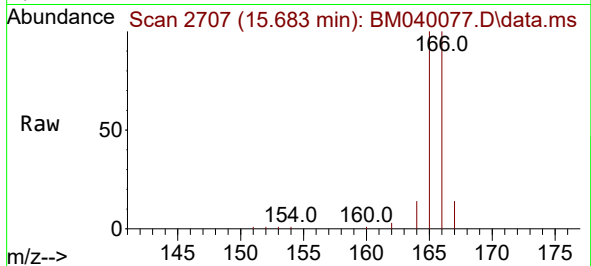




#12
 Fluorene
 Concen: 0.490 ng/ul
 RT: 15.683 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM040077.D
 Acq: 31 May 2023 13:10

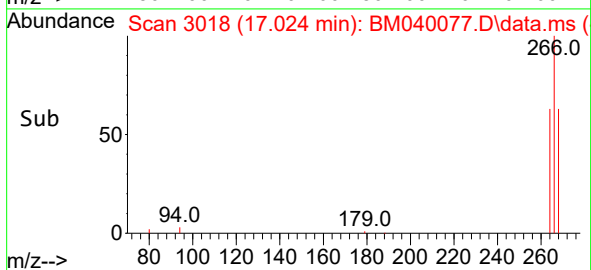
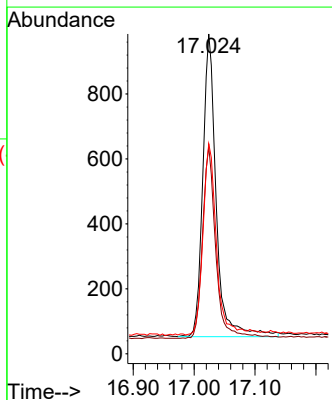
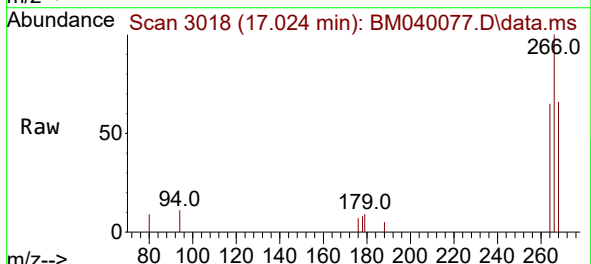
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 ClientSampleId :
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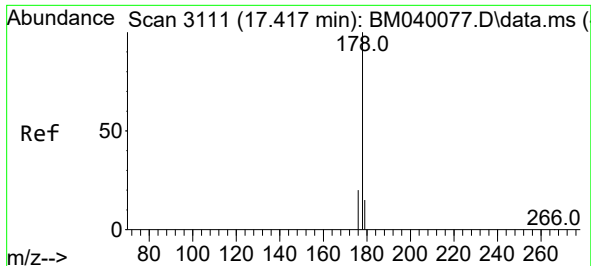
Tgt Ion:166 Resp: 13597
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 14.0 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.436 ng/ul
 RT: 17.024 min Scan# 3018
 Delta R.T. 0.000 min
 Lab File: BM040077.D
 Acq: 31 May 2023 13:10

Tgt Ion:266 Resp: 1429
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.9 74.9
 268 64.4 51.5 77.3

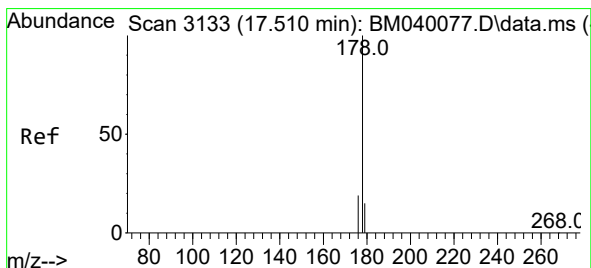
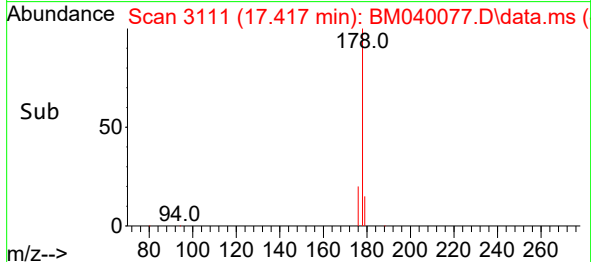
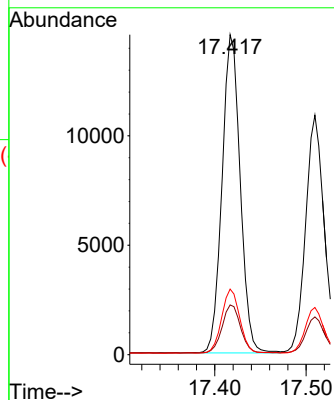
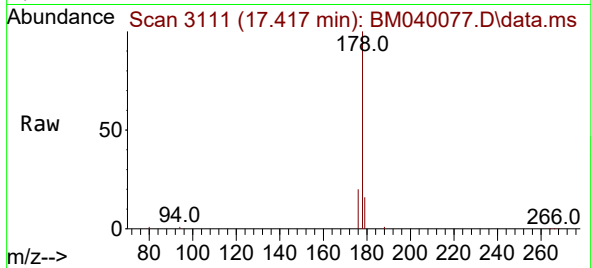




#15
Phenanthrene
Concen: 0.476 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

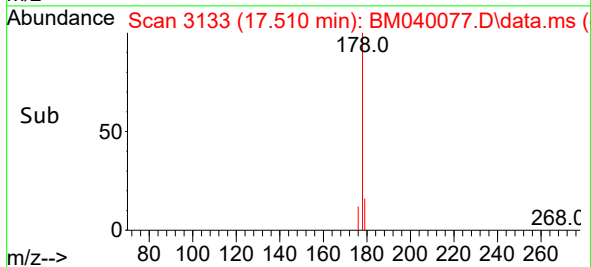
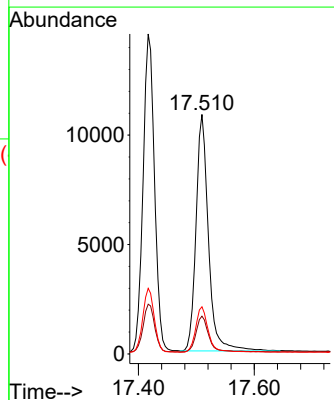
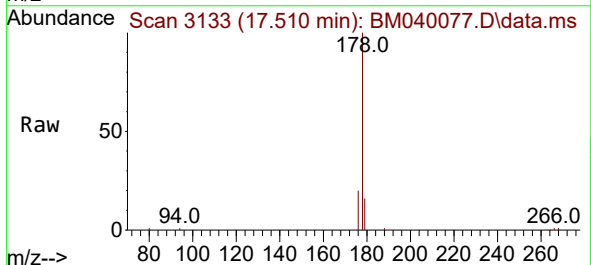
Instrument :
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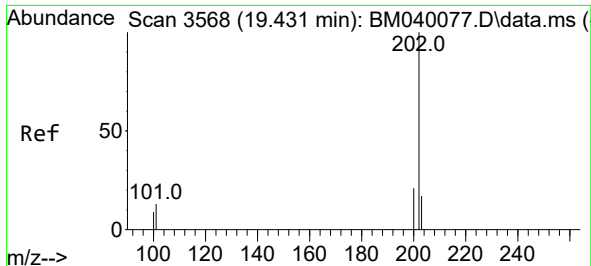
Tgt Ion:178 Resp: 20031
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.5 16.4 24.6



#16
Anthracene
Concen: 0.468 ng/ul
RT: 17.510 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:178 Resp: 16094
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.8 23.6

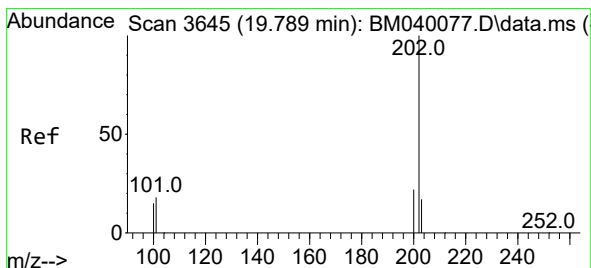
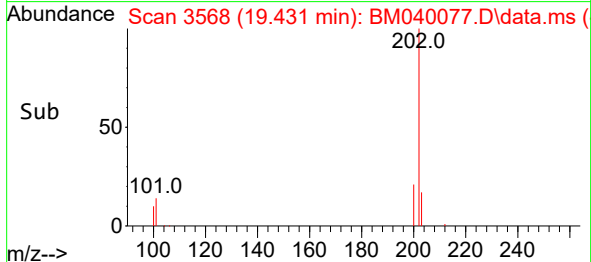
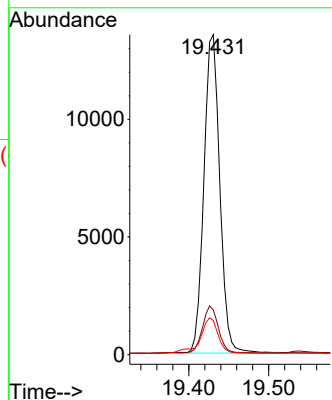
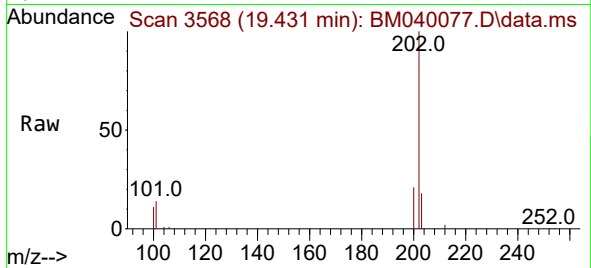




#19
Fluoranthene
Concen: 0.501 ng/ul
RT: 19.431 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

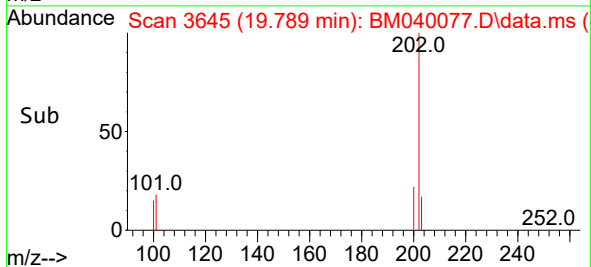
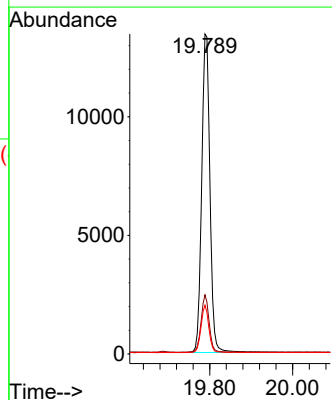
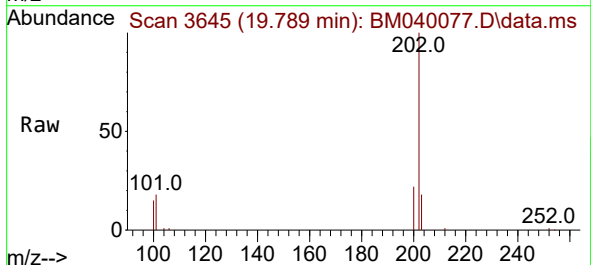
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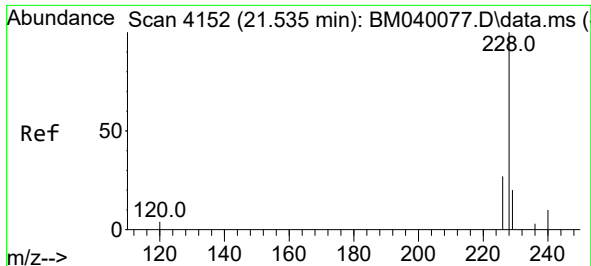
Tgt Ion:202 Resp: 18690
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 10.7 8.6 12.8



#20
Pyrene
Concen: 0.495 ng/ul
RT: 19.789 min Scan# 3645
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:202 Resp: 18611
Ion Ratio Lower Upper
202 100
101 18.4 14.7 22.1
100 15.2 12.2 18.2

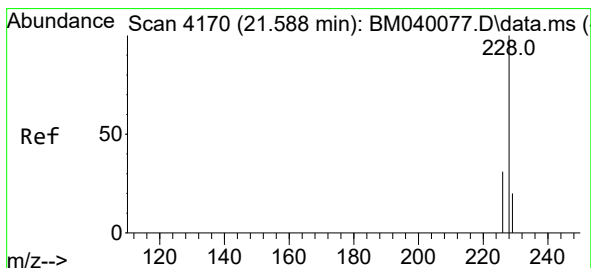
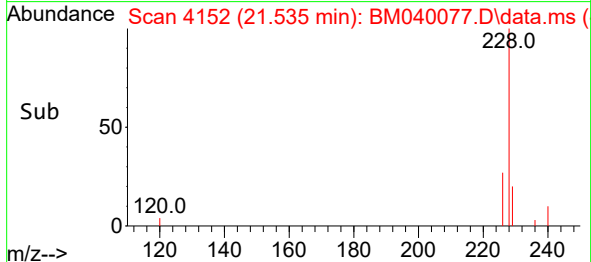
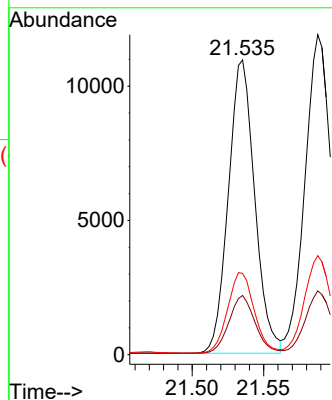
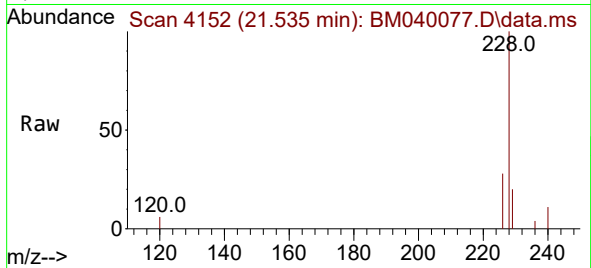




#21
Benzo(a)anthracene
Concen: 0.494 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

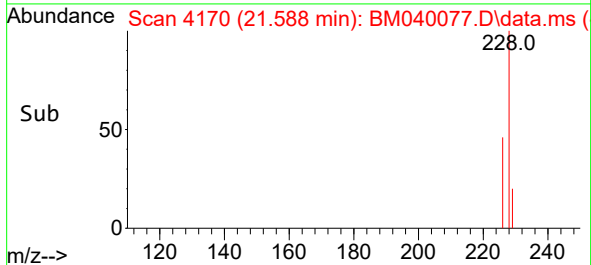
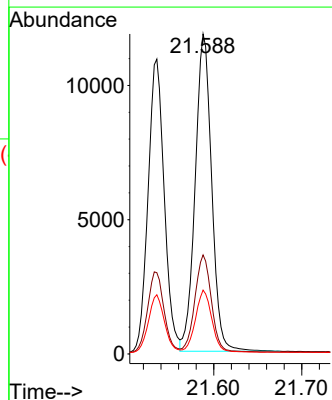
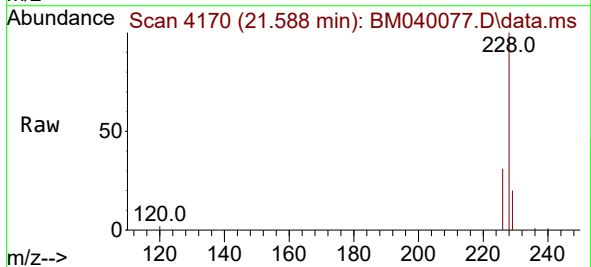
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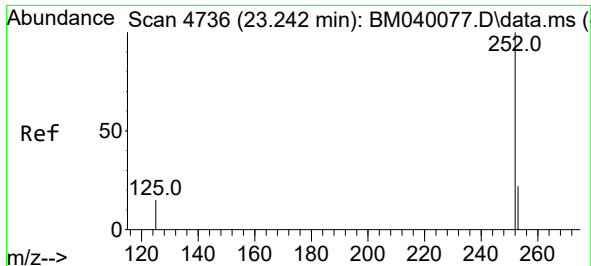
Tgt Ion:228 Resp: 14017
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.501 ng/ul
RT: 21.588 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:228 Resp: 15410
Ion Ratio Lower Upper
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226 31.0 24.8 37.2
229 19.9 15.9 23.9

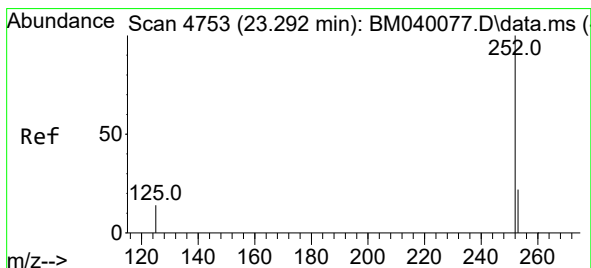
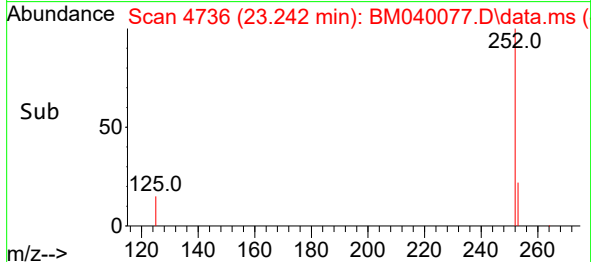
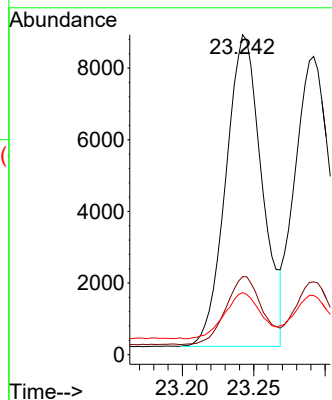
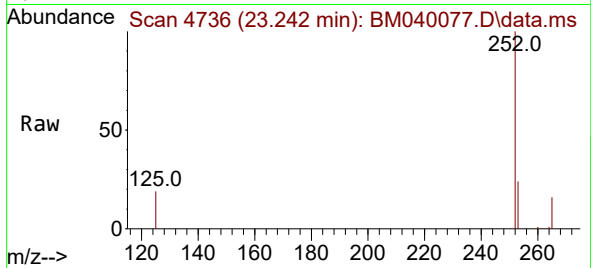




#24
Benzo(b)fluoranthene
Concen: 0.477 ng/ul
RT: 23.242 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

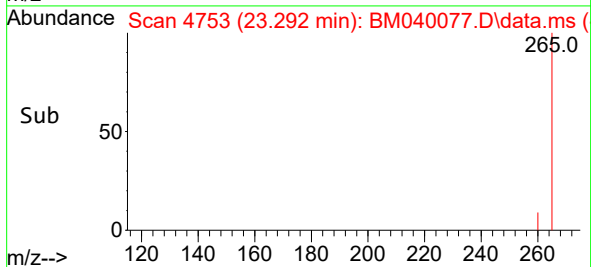
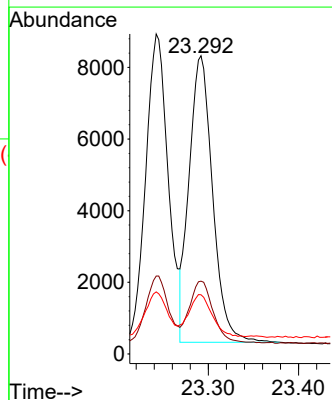
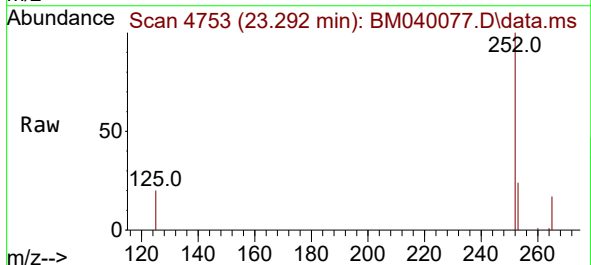
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

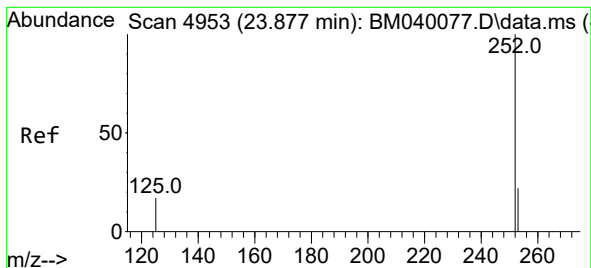
Tgt Ion:252 Resp: 15310
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.6
125 19.4 0.0 38.8



#25
Benzo(k)fluoranthene
Concen: 0.473 ng/ul
RT: 23.292 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:252 Resp: 14452
Ion Ratio Lower Upper
252 100
253 24.4 19.5 29.3
125 19.9 15.9 23.9





#26

Benzo(a)pyrene

Concen: 0.448 ng/ul

RT: 23.877 min Scan# 4953

Delta R.T. 0.000 min

Lab File: BM040077.D

Acq: 31 May 2023 13:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.4010

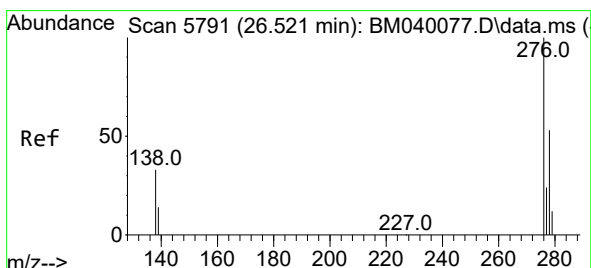
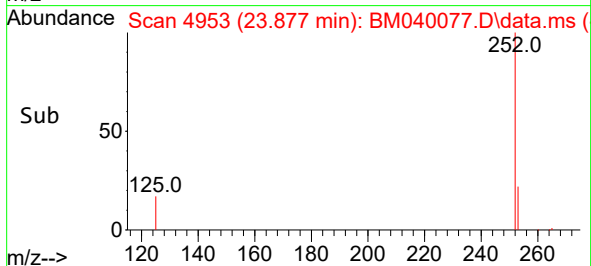
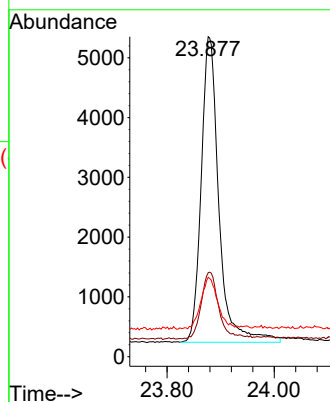
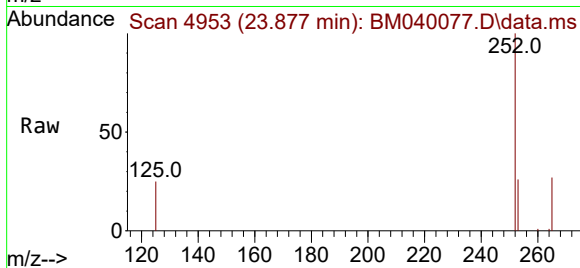
Tgt Ion:252 Resp: 11704

Ion Ratio Lower Upper

252 100

253 26.2 21.0 31.4

125 24.8 19.8 29.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.447 ng/ul

RT: 26.521 min Scan# 5791

Delta R.T. 0.000 min

Lab File: BM040077.D

Acq: 31 May 2023 13:10

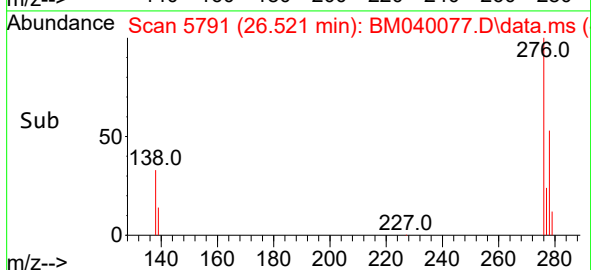
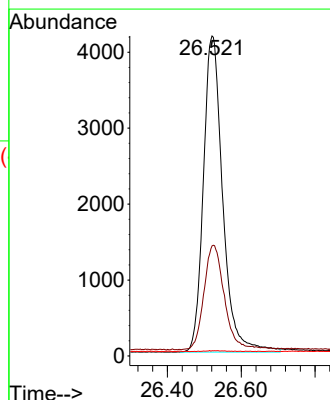
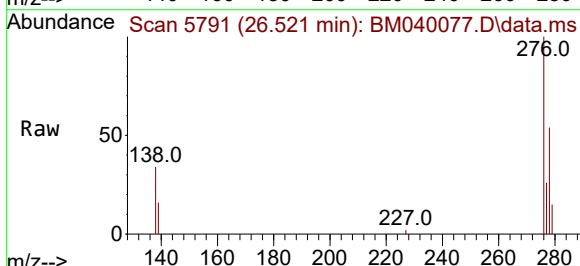
Tgt Ion:276 Resp: 15135

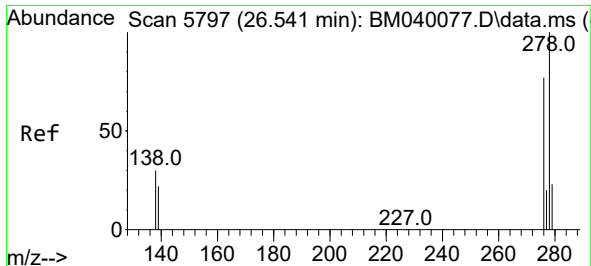
Ion Ratio Lower Upper

276 100

138 35.0 28.0 42.0

227 0.1 0.1 0.1#

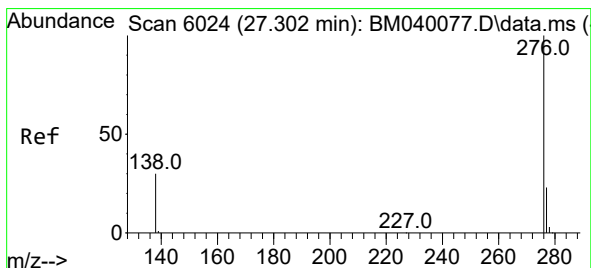
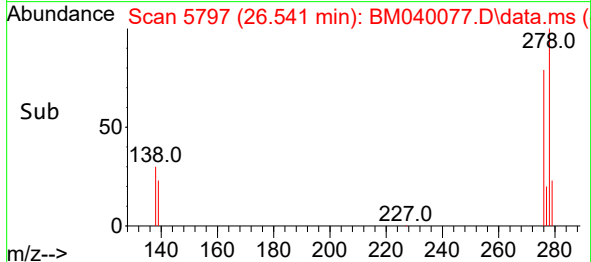
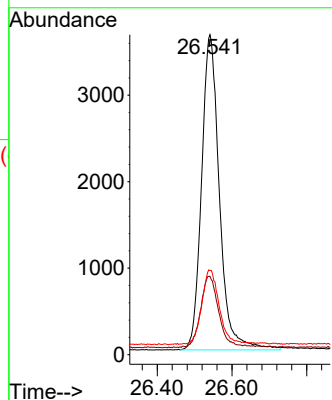
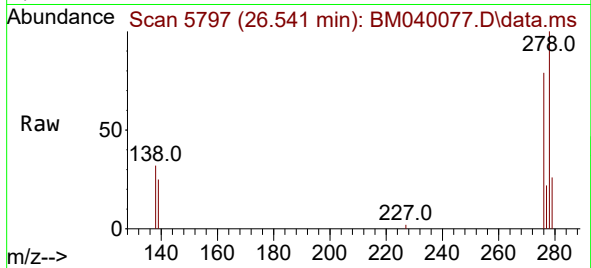




#28
Dibenzo(a,h)anthracene
Concen: 0.453 ng/ul
RT: 26.541 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:278 Resp: 12111
Ion Ratio Lower Upper
278 100
139 24.5 19.6 29.4
279 26.3 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 27.302 min Scan# 6024
Delta R.T. 0.000 min
Lab File: BM040077.D
Acq: 31 May 2023 13:10

Tgt Ion:276 Resp: 13139
Ion Ratio Lower Upper
276 100
138 31.5 25.2 37.8
277 24.8 19.8 29.8

