

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040287.D
 Acq On : 16 Jun 2023 19:01
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4122

Quant Time: Jun 16 23:40:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

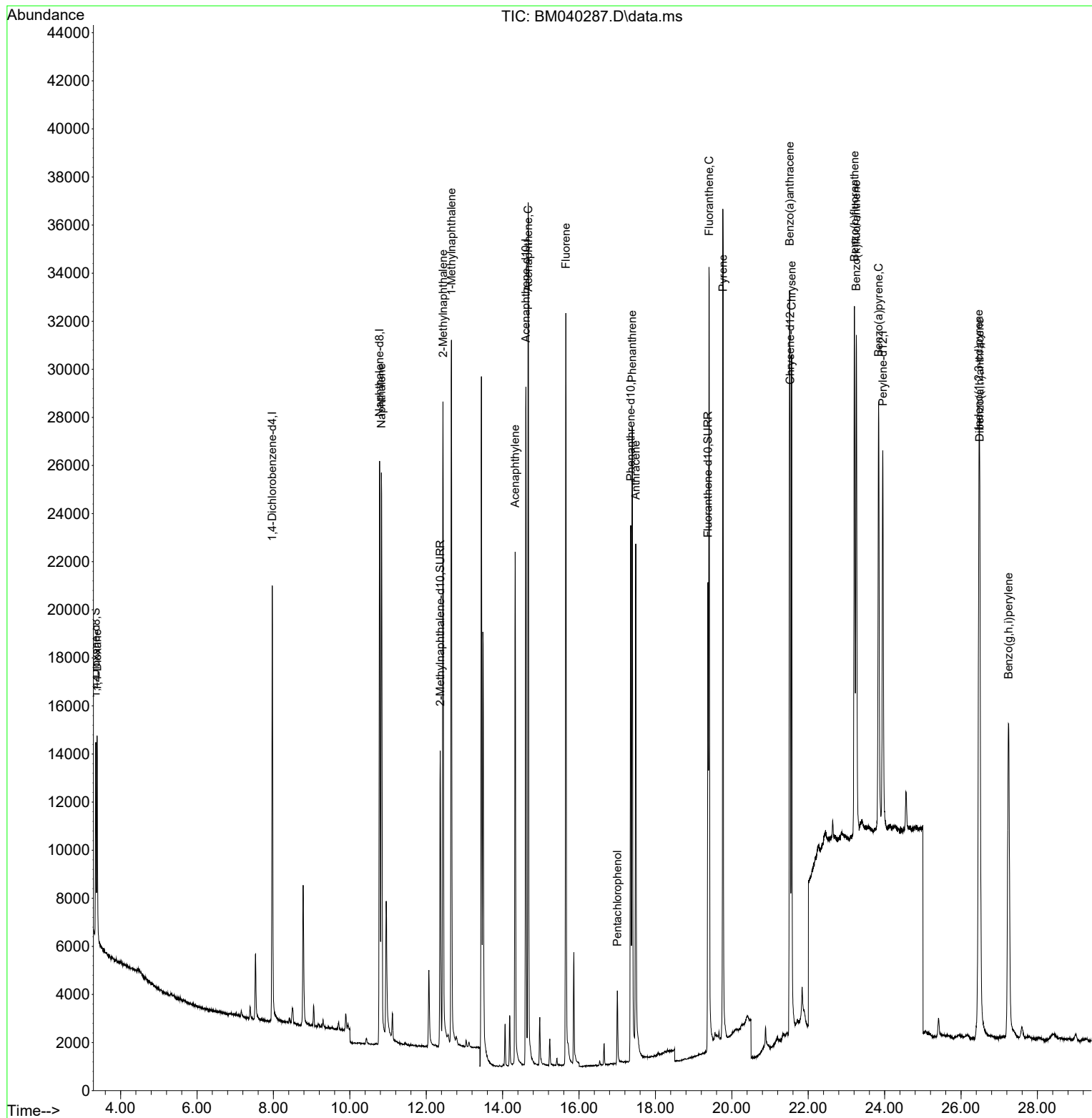
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9782	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	35484	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	16136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	26793	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18138	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	22142	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4838	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	17430	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	21395	0.473	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.384	88	5304	0.418	ng/ul#	60
5) Naphthalene	10.828	128	33569	0.399	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	20283	0.388	ng/ul	98
8) 1-Methylnaphthalene	12.659	142	20597	0.376	ng/ul	99
10) Acenaphthylene	14.327	152	26297	0.466	ng/ul	100
11) Acenaphthene	14.670	153	20451	0.423	ng/ul	99
12) Fluorene	15.655	166	20818	0.386	ng/ul	98
14) Pentachlorophenol	17.003	266	2327	0.426	ng/ul	100
15) Phenanthrene	17.391	178	28476	0.404	ng/ul	99
16) Anthracene	17.484	178	26057	0.437	ng/ul	99
19) Fluoranthene	19.407	202	28366	0.459	ng/ul	99
20) Pyrene	19.765	202	29828	0.465	ng/ul	98
21) Benzo(a)anthracene	21.512	228	24328	0.454	ng/ul	98
22) Chrysene	21.564	228	24962	0.441	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	29117	0.357	ng/ul	91
25) Benzo(k)fluoranthene	23.260	252	28454	0.370	ng/ul#	93
26) Benzo(a)pyrene	23.841	252	26640	0.398	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.467	276	36250	0.428	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.491	278	28655	0.421	ng/ul	98
29) Benzo(g,h,i)perylene	27.242	276	30298	0.428	ng/ul	96

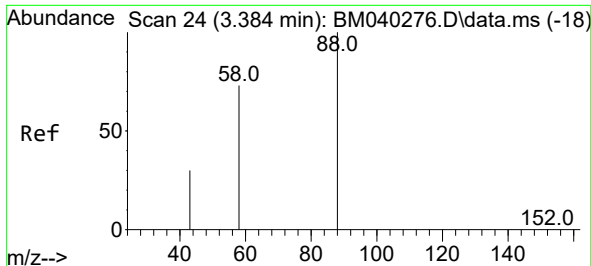
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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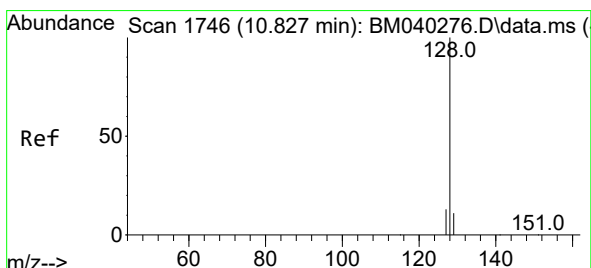
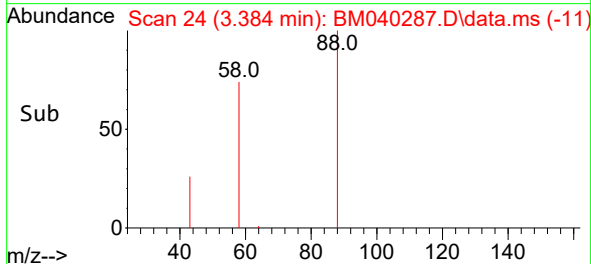
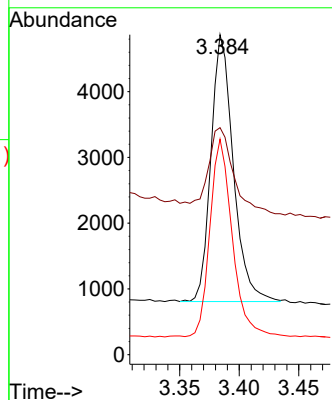
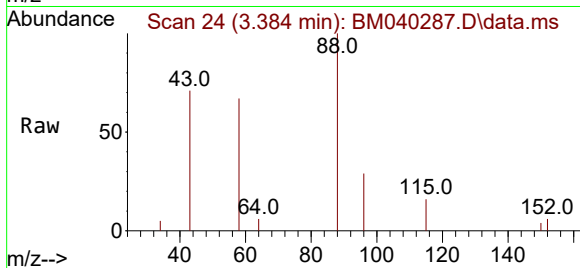




#2
1,4-Dioxane
Concen: 0.418 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

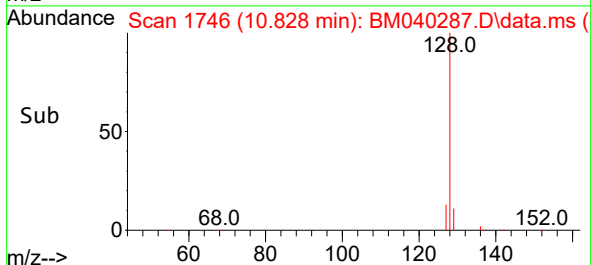
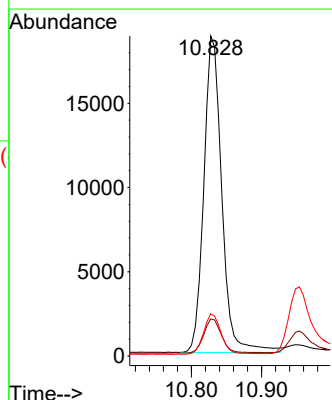
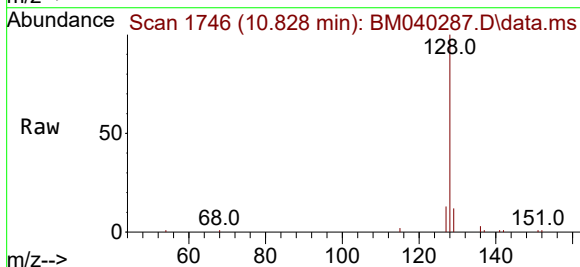
Instrument :
BNA_M
ClientSampleId :
SSTD0.4122

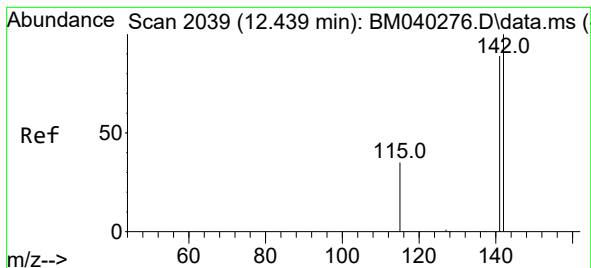
Tgt Ion: 88 Resp: 5304
Ion Ratio Lower Upper
88 100
43 70.9 30.3 45.5#
58 67.4 38.8 58.2#



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion: 128 Resp: 33569
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.4 15.6

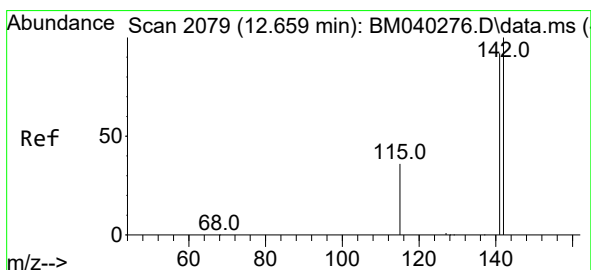
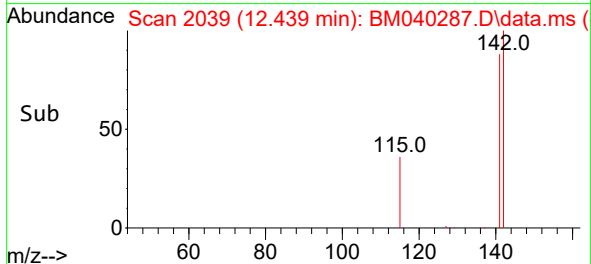
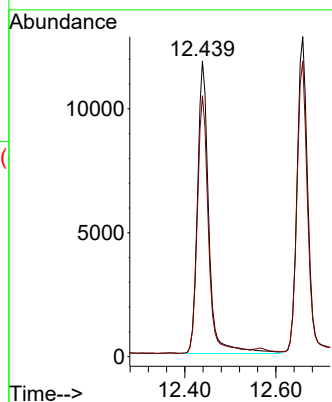
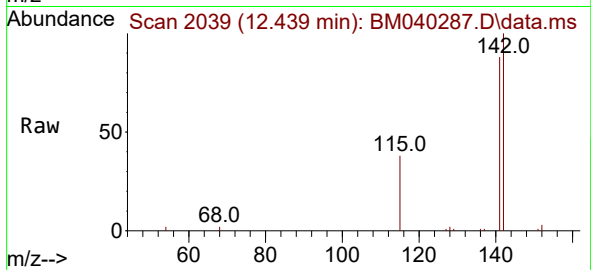




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

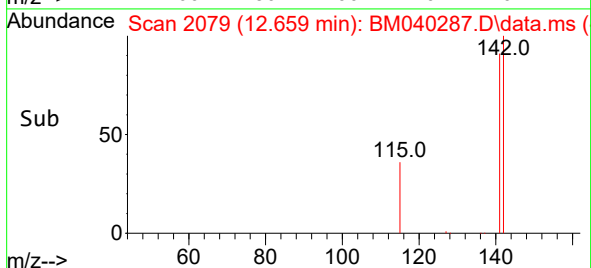
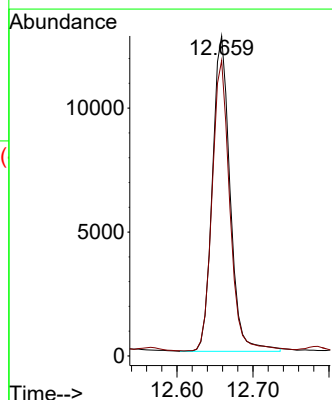
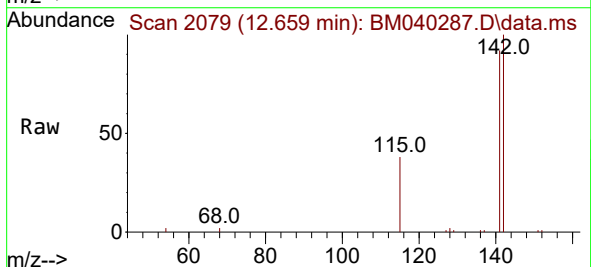
Instrument :
BNA_M
ClientSampleId :
SSTD0.4122

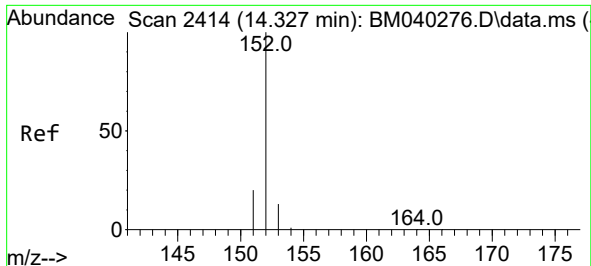
Tgt Ion:142 Resp: 20283
Ion Ratio Lower Upper
142 100
141 86.8 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion:142 Resp: 20597
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4

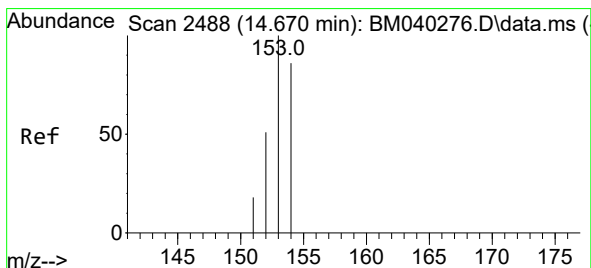
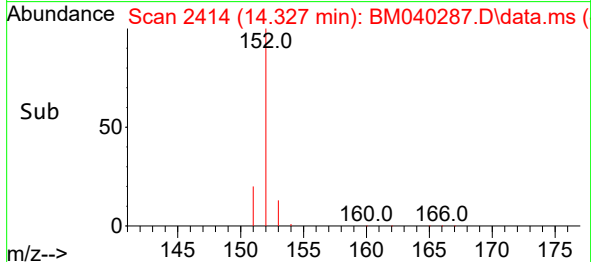
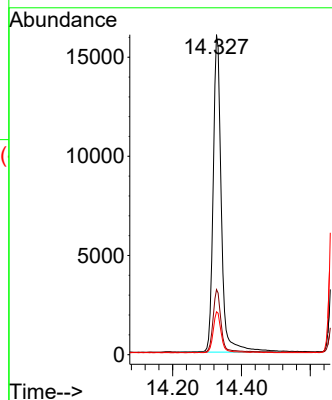
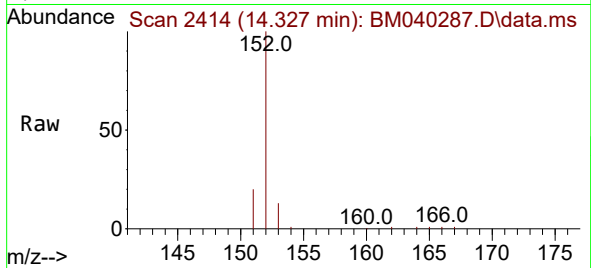




#10
Acenaphthylene
Concen: 0.466 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

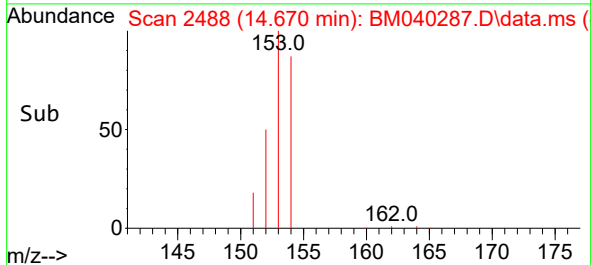
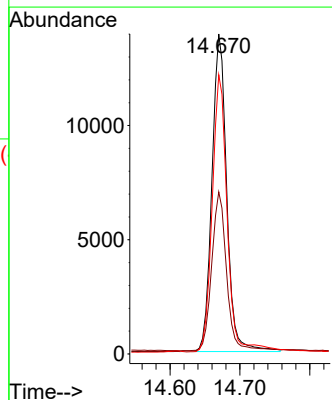
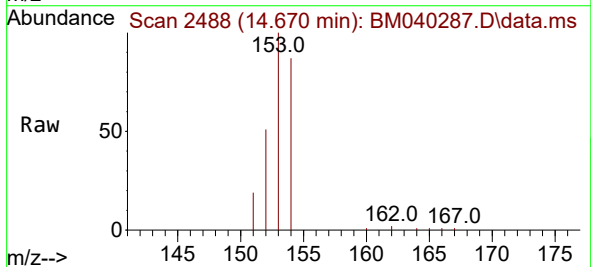
Instrument :
BNA_M
ClientSampleId :
SSTD0.4122

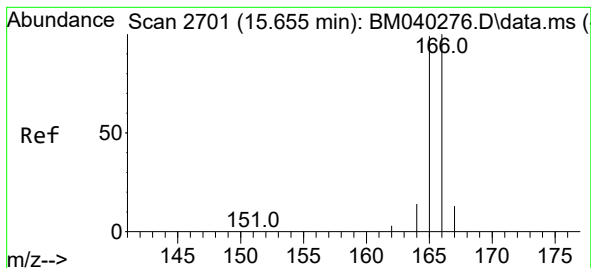
Tgt Ion:152 Resp: 26297
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.423 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion:153 Resp: 20451
Ion Ratio Lower Upper
153 100
152 50.6 40.3 60.5
154 87.3 70.5 105.7





#12

Fluorene

Concen: 0.386 ng/ul

RT: 15.655 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040287.D

Acq: 16 Jun 2023 19:01

Instrument :

BNA_M

ClientSampleId :

SSTD0.4122

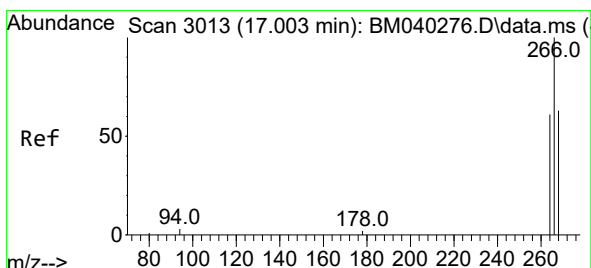
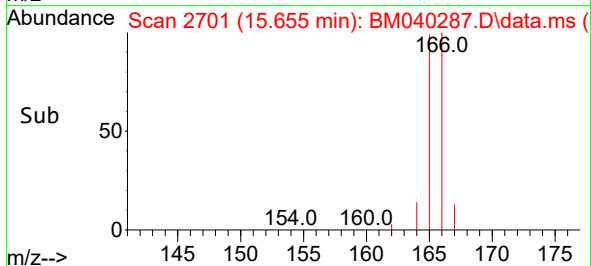
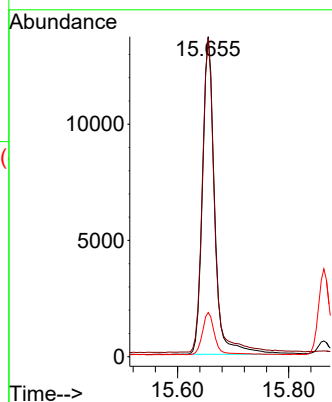
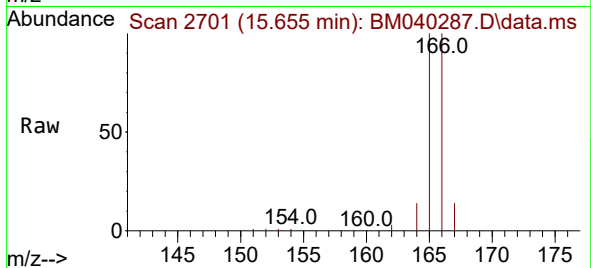
Tgt Ion:166 Resp: 20818

Ion Ratio Lower Upper

166 100

165 99.6 78.2 117.4

167 13.8 11.0 16.4



#14

Pentachlorophenol

Concen: 0.426 ng/ul

RT: 17.003 min Scan# 3013

Delta R.T. -0.004 min

Lab File: BM040287.D

Acq: 16 Jun 2023 19:01

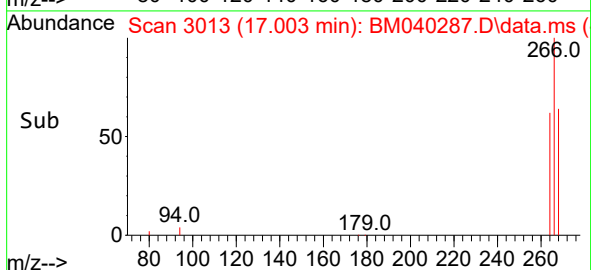
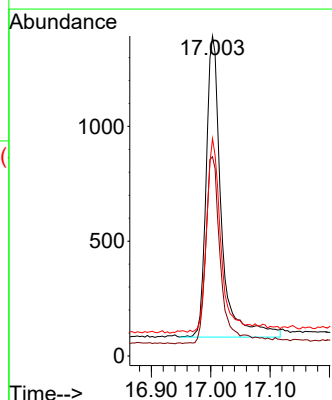
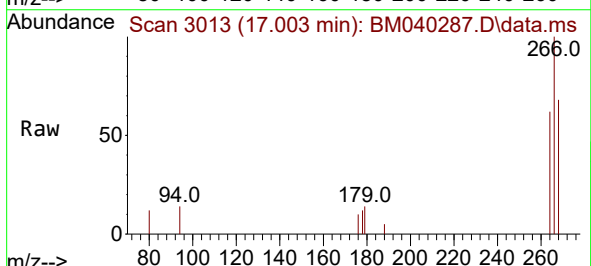
Tgt Ion:266 Resp: 2327

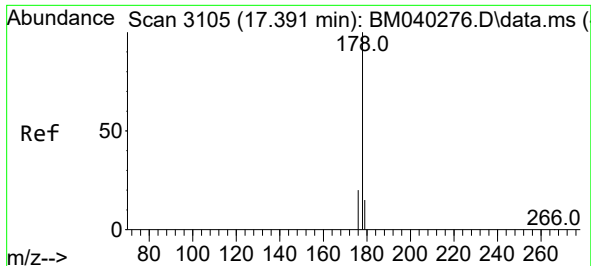
Ion Ratio Lower Upper

266 100

264 61.5 49.4 74.0

268 63.6 51.3 76.9

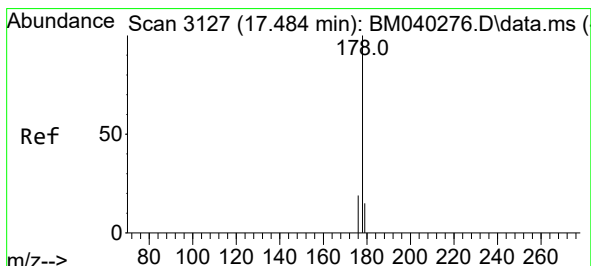
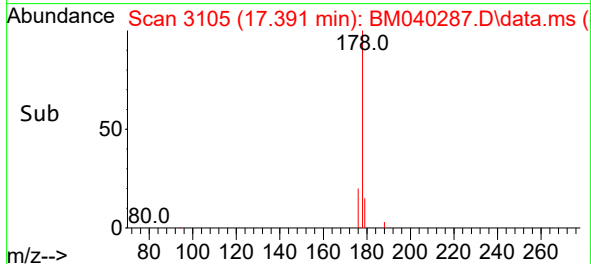
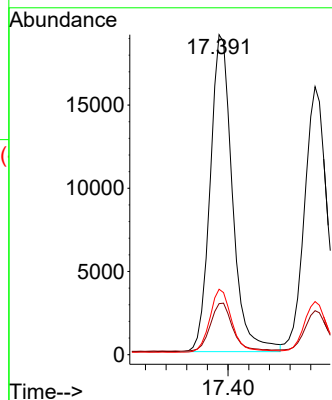
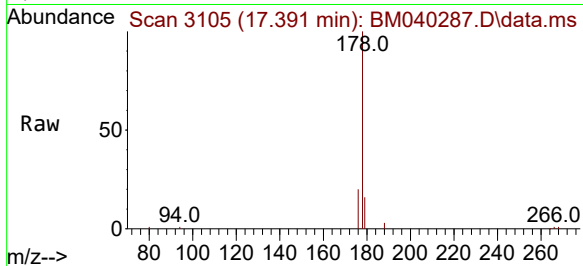




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

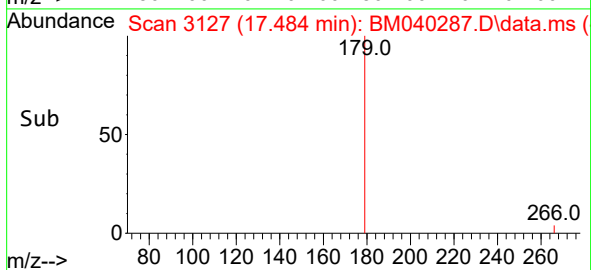
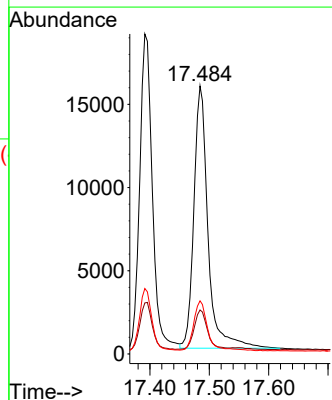
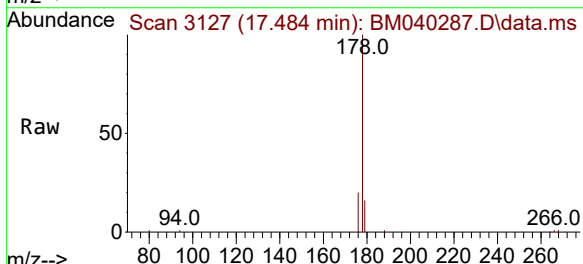
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SSTD0.4122

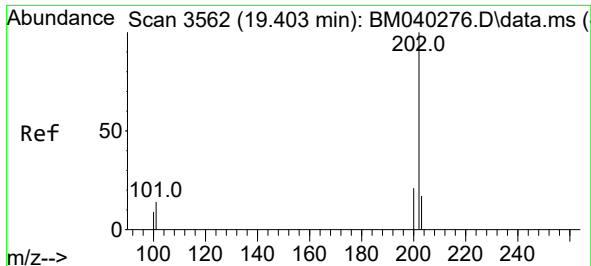
Tgt Ion:178 Resp: 28476
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.5 16.1 24.1



#16
Anthracene
Concen: 0.437 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion:178 Resp: 26057
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.8 15.5 23.3

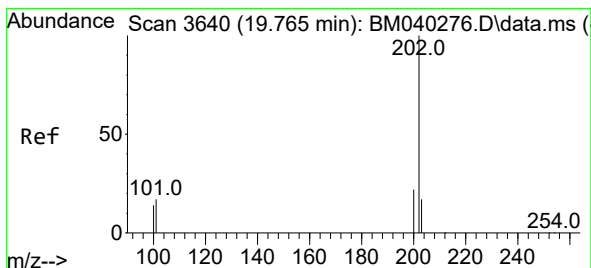
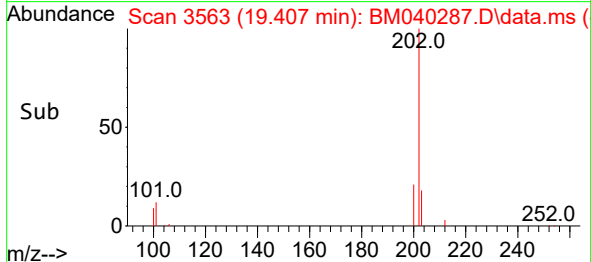
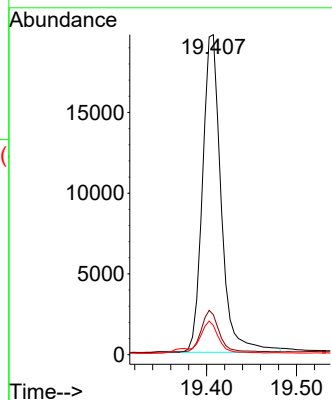
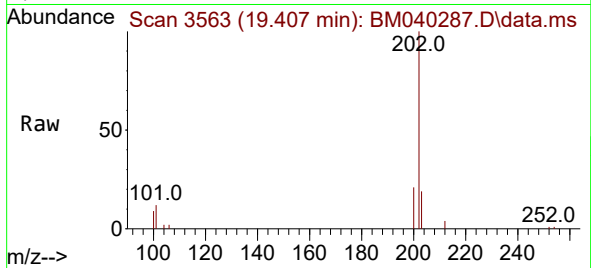




#19
Fluoranthene
Concen: 0.459 ng/ul
RT: 19.407 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

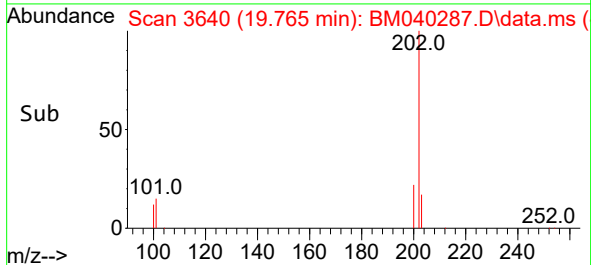
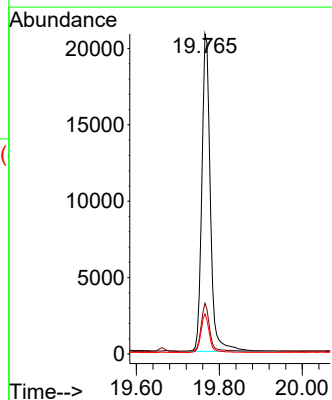
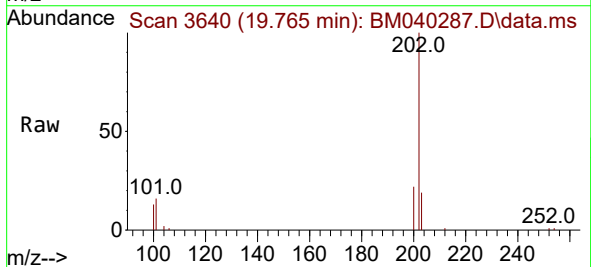
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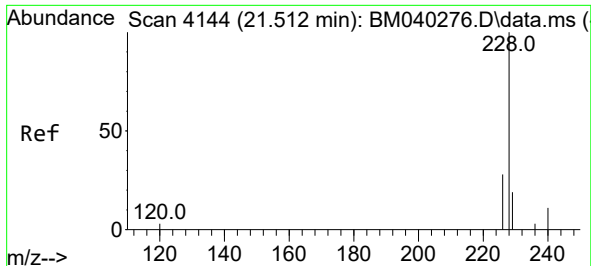
Tgt Ion:202 Resp: 28366
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 9.2 7.6 11.4



#20
Pyrene
Concen: 0.465 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion:202 Resp: 29828
Ion Ratio Lower Upper
202 100
101 15.8 11.8 17.8
100 12.5 9.3 13.9

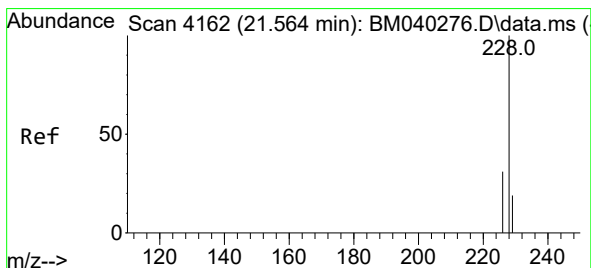
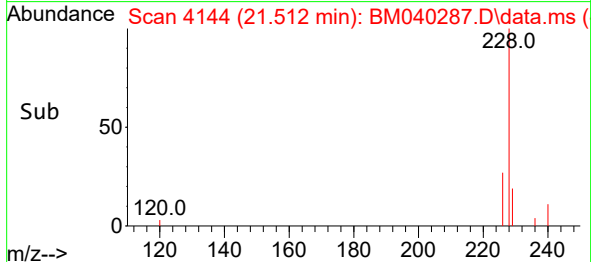
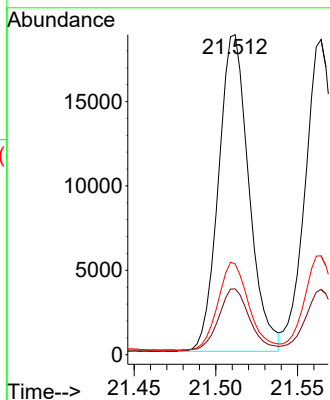
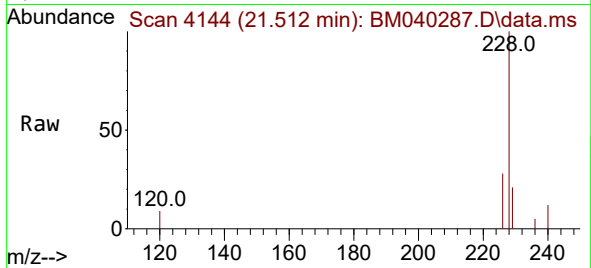




#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

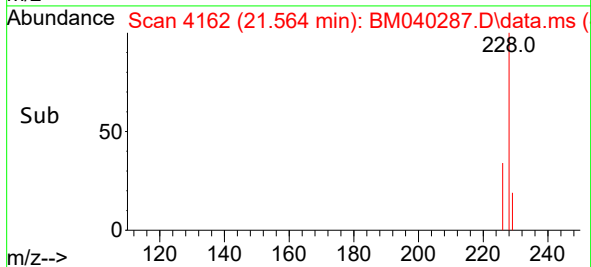
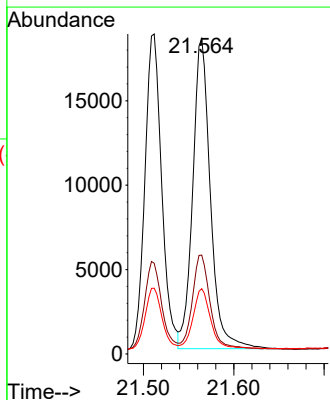
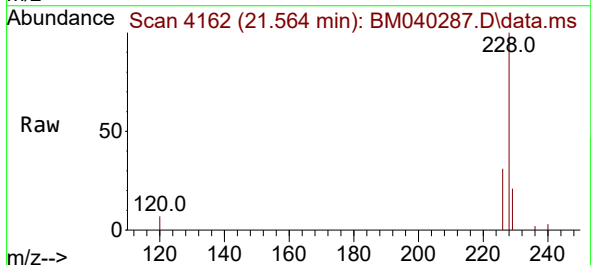
Instrument :
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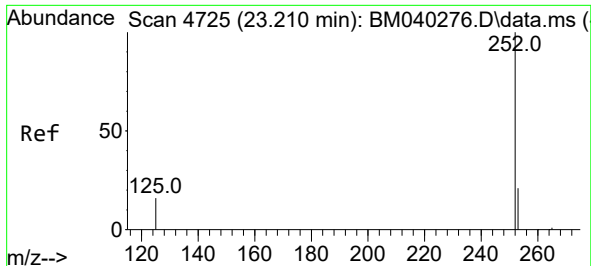
Tgt Ion:228	Resp:	24328
Ion Ratio	Lower	Upper
228	100	
229	20.6	15.8 23.8
226	28.4	22.0 33.0



#22
Chrysene
Concen: 0.441 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

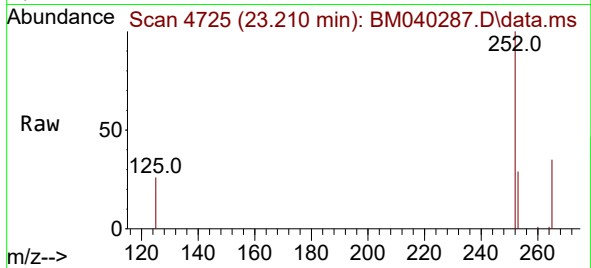
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Ion Ratio	Lower	Upper
228	100	
226	31.4	24.3 36.5
229	20.7	15.7 23.5



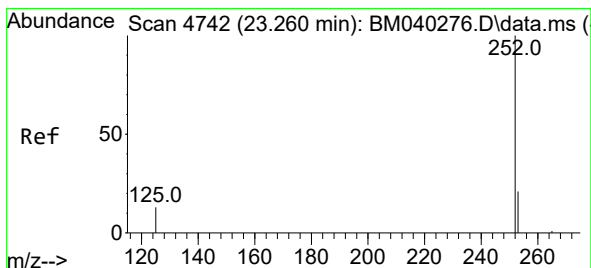
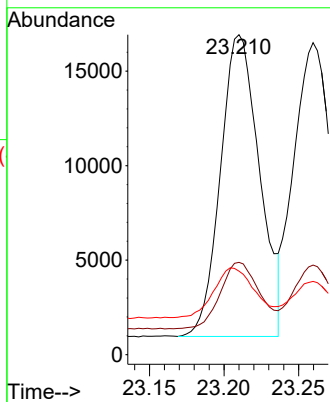
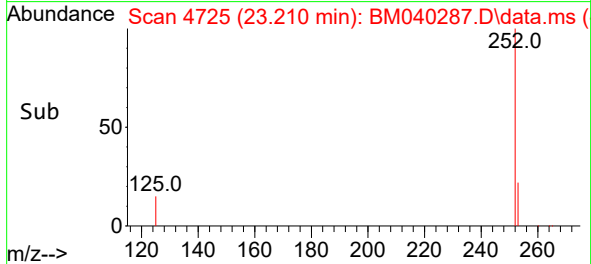


#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

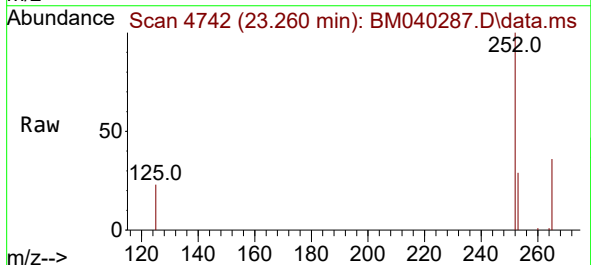
Instrument :
BNA_M
ClientSampleId :
SSTD0.4122



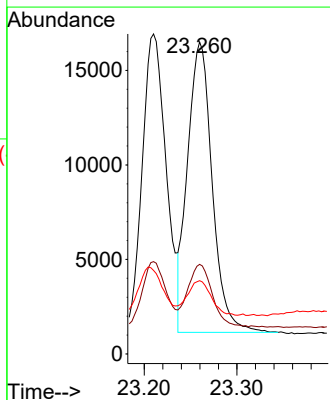
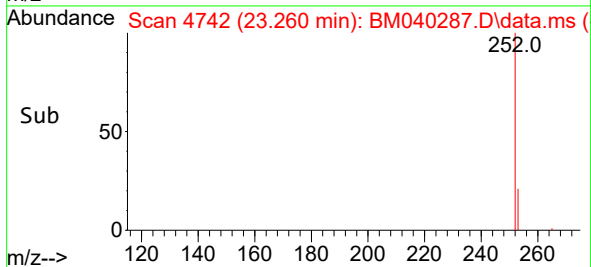
Tgt Ion:252 Resp: 29117
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.4
125 26.1 0.0 38.4

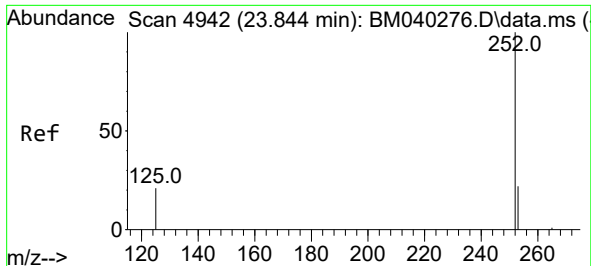


#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.260 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01



Tgt Ion:252 Resp: 28454
Ion Ratio Lower Upper
252 100
253 28.7 21.5 32.3
125 23.5 14.7 22.1#

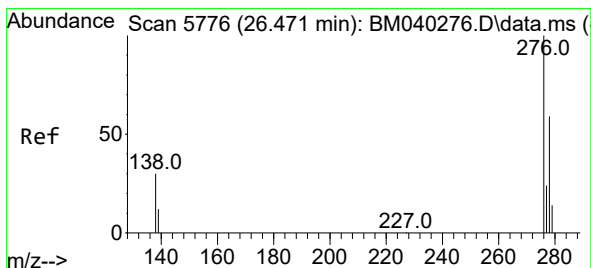
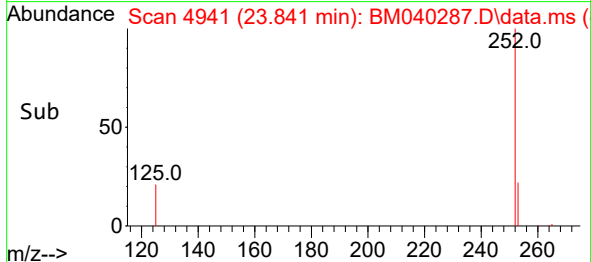
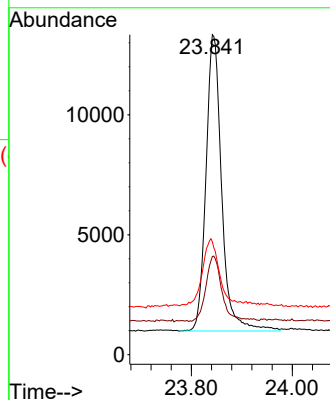
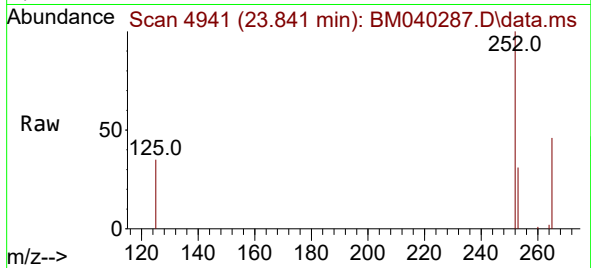




#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.841 min Scan# 4942
Delta R.T. -0.009 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

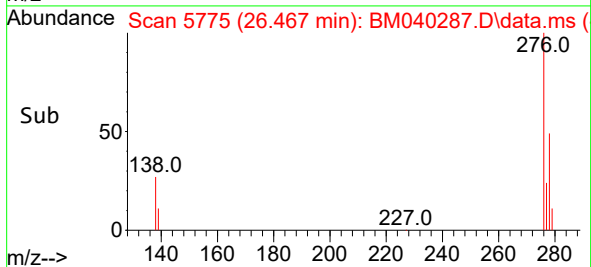
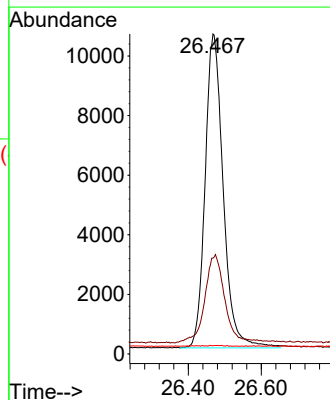
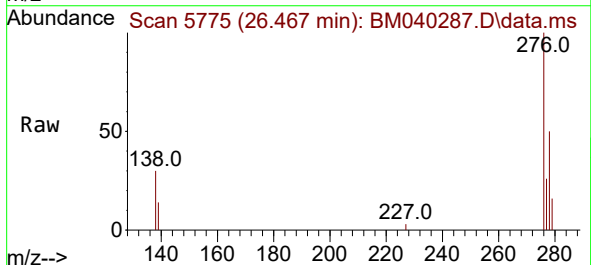
Instrument :
BNA_M
ClientSampleId :
SSTD0.4122

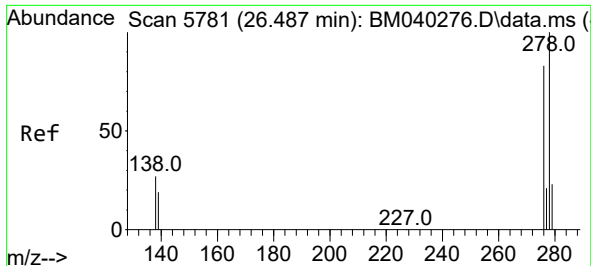
Tgt Ion:252 Resp: 26640
Ion Ratio Lower Upper
252 100
253 30.7 23.4 35.0
125 35.3 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion:276 Resp: 36250
Ion Ratio Lower Upper
276 100
138 31.4 23.3 34.9
227 0.1 0.1 0.1#

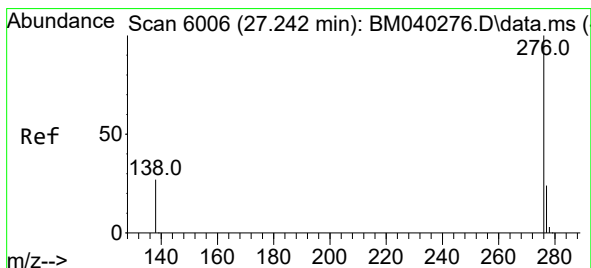
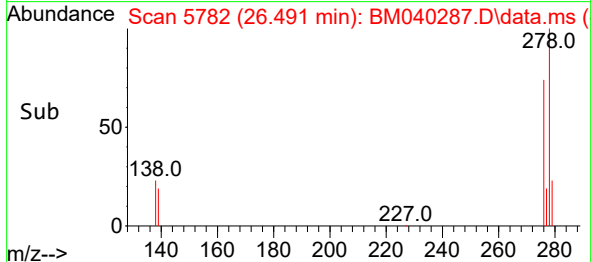
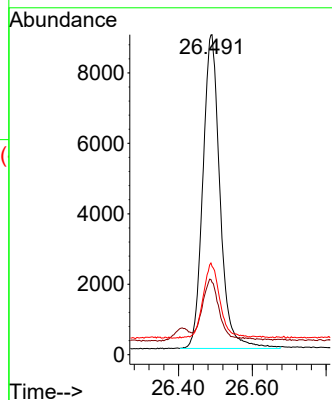
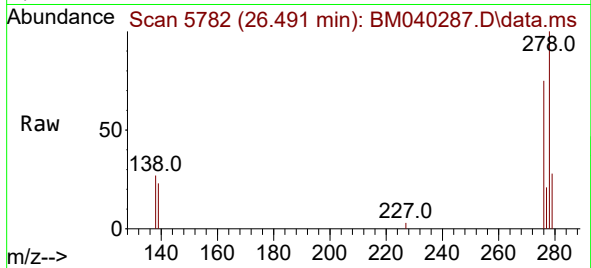




#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 26.491 min Scan# 5781
Delta R.T. -0.007 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4122

Tgt Ion:278 Resp: 28655
Ion Ratio Lower Upper
278 100
139 22.6 16.4 24.6
279 27.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040287.D
Acq: 16 Jun 2023 19:01

Tgt Ion:276 Resp: 30298
Ion Ratio Lower Upper
276 100
138 28.9 21.0 31.4
277 26.1 19.6 29.4

