

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041077.D
 Acq On : 24 Jul 2023 15:41
 Operator : MA/JU
 Sample : SSTD3.205
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2041

Quant Time: Jul 25 00:08:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 16:22:33 2023
 Response via : Initial Calibration

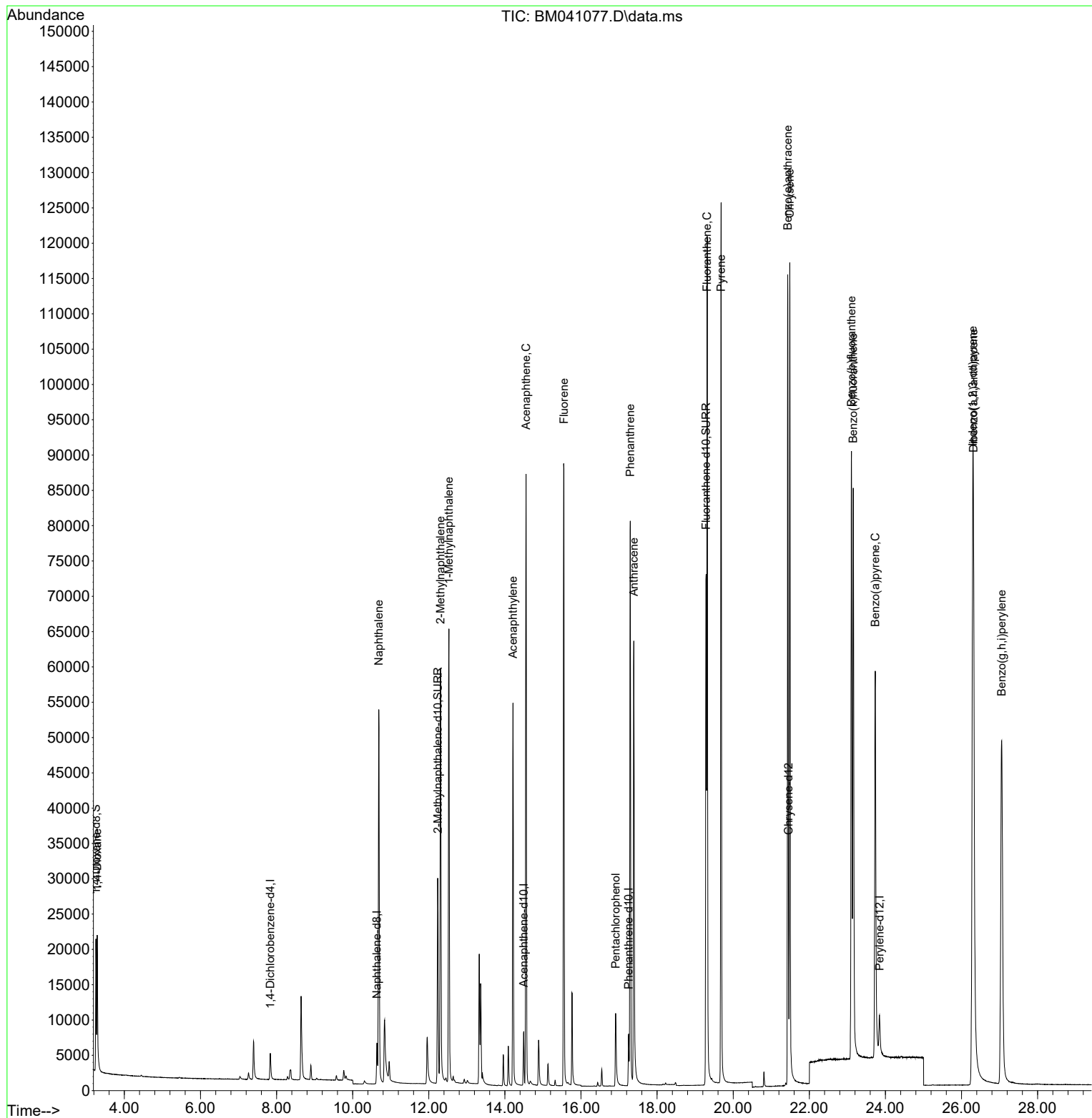
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	8076	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.495	164	4221	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	8943	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9109	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	8638	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	11998	3.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	40416	3.506	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	84079	3.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	12360	3.282	ng/ul#	47
5) Naphthalene	10.686	128	75076	2.857	ng/ul	97
7) 2-Methylnaphthalene	12.308	142	44965	3.493	ng/ul	96
8) 1-Methylnaphthalene	12.528	142	45218	3.419	ng/ul	100
10) Acenaphthylene	14.213	152	61839	3.468	ng/ul	97
11) Acenaphthene	14.555	153	49702	3.304	ng/ul	99
12) Fluorene	15.550	166	56556	3.444	ng/ul	98
14) Pentachlorophenol	16.911	266	9092	3.493	ng/ul	98
15) Phenanthrene	17.295	178	87987	3.192	ng/ul	98
16) Anthracene	17.388	178	77742	3.483	ng/ul	97
19) Fluoranthene	19.315	202	103820	3.180	ng/ul	98
20) Pyrene	19.682	202	109283	3.036	ng/ul	98
21) Benzo(a)anthracene	21.434	228	102626	3.370	ng/ul	98
22) Chrysene	21.486	228	102155	2.905	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	109701	3.187	ng/ul	87
25) Benzo(k)fluoranthene	23.155	252	109901	3.345	ng/ul#	87
26) Benzo(a)pyrene	23.734	252	95860	3.438	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.294	276	140399	3.401	ng/ul	100
28) Dibenzo(a,h)anthracene	26.314	278	111379	3.440	ng/ul#	90
29) Benzo(g,h,i)perylene	27.055	276	120238	3.259	ng/ul	96

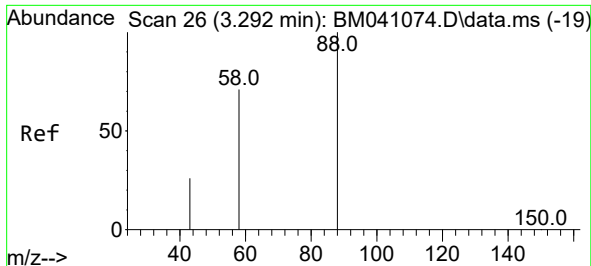
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041077.D
Acq On : 24 Jul 2023 15:41
Operator : MA/JU
Sample : SSTD3.205
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Quant Time: Jul 25 00:08:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 16:22:33 2023
Response via : Initial Calibration

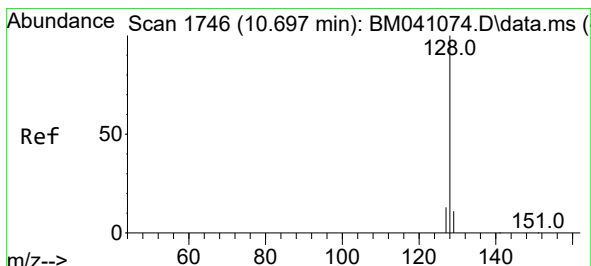
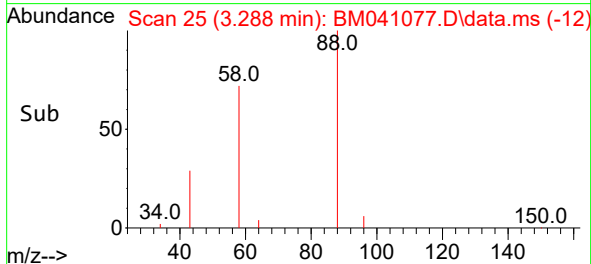
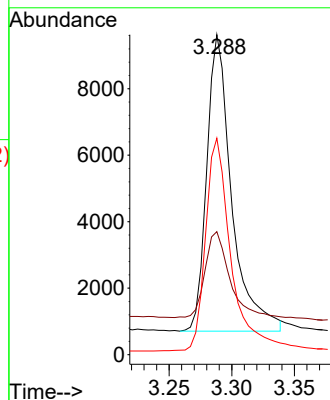
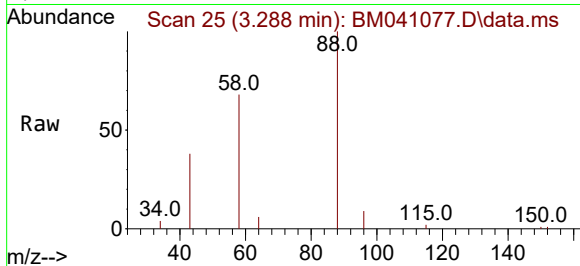




#2
1,4-Dioxane
Concen: 3.282 ng/ul
RT: 3.288 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

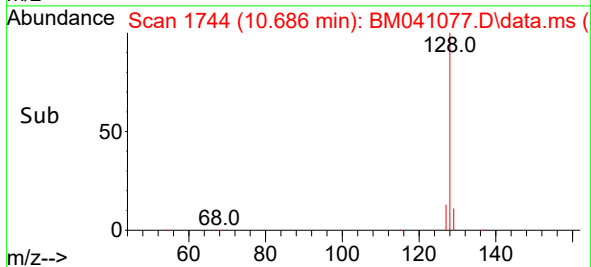
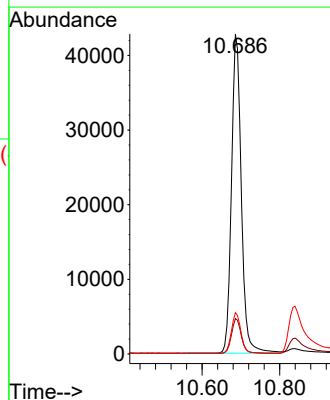
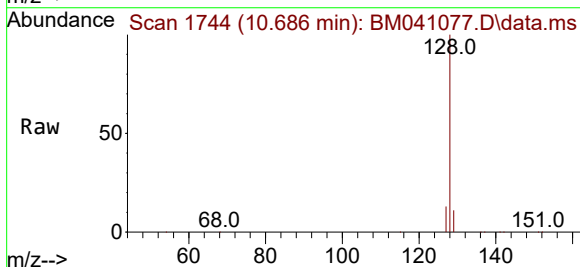
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

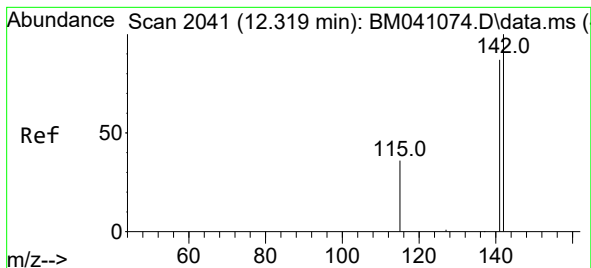
Tgt Ion: 88 Resp: 12360
Ion Ratio Lower Upper
88 100
43 38.4 83.1 124.7#
58 67.7 38.8 58.2#



#5
Naphthalene
Concen: 2.857 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion: 128 Resp: 75076
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 12.9 11.1 16.7

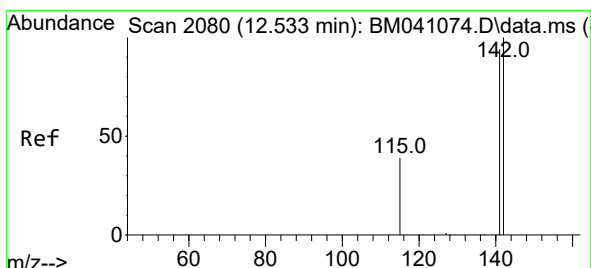
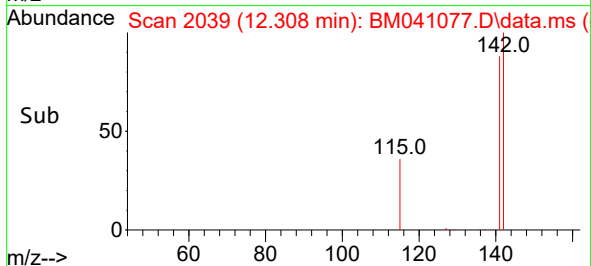
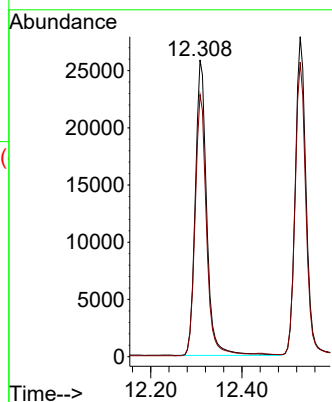
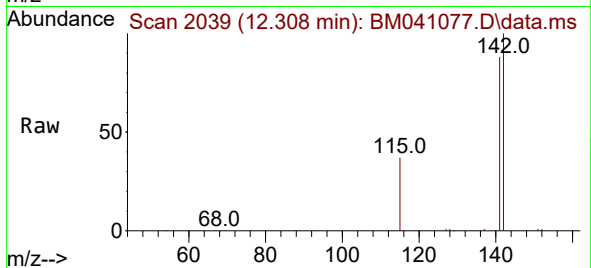




#7
2-Methylnaphthalene
Concen: 3.493 ng/ul
RT: 12.308 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

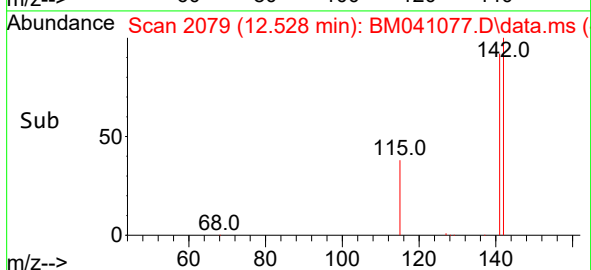
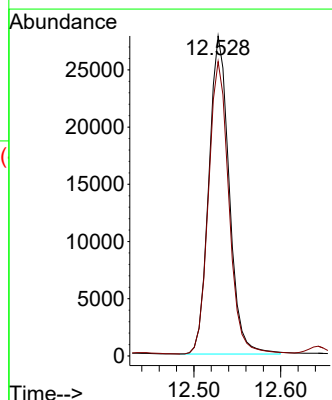
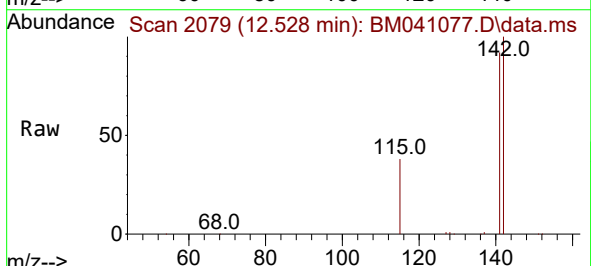
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

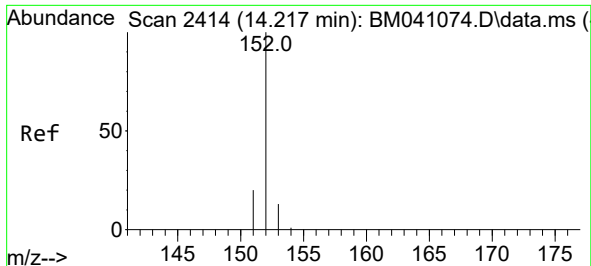
Tgt Ion:142 Resp: 44965
Ion Ratio Lower Upper
142 100
141 88.2 73.3 109.9



#8
1-Methylnaphthalene
Concen: 3.419 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

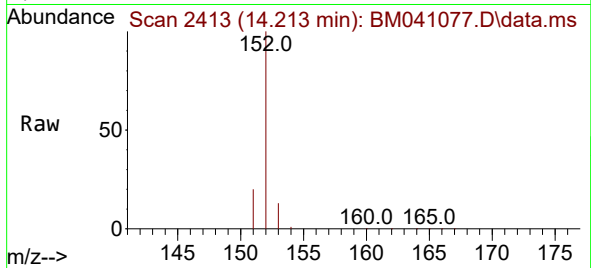
Tgt Ion:142 Resp: 45218
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4



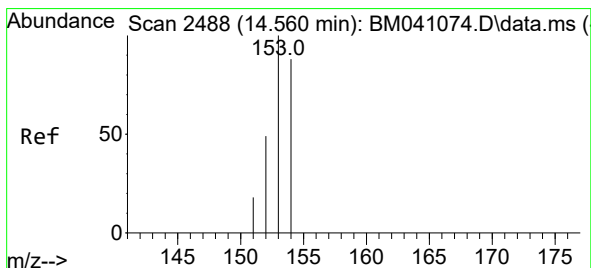
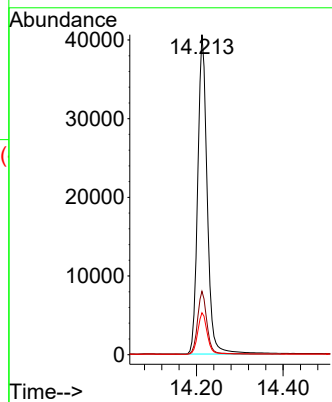
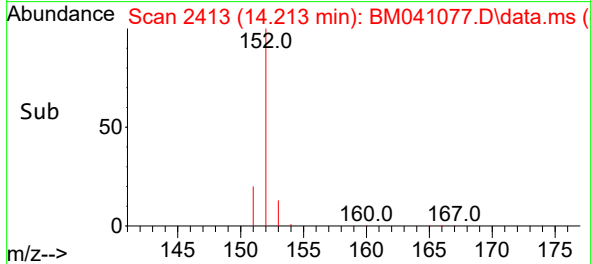


#10
Acenaphthylene
Concen: 3.468 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

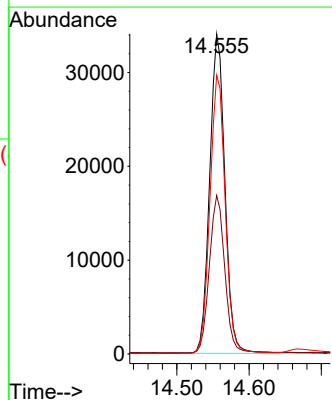
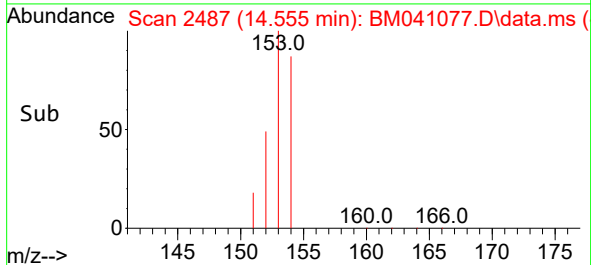
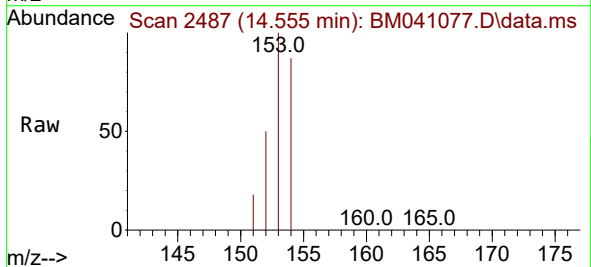


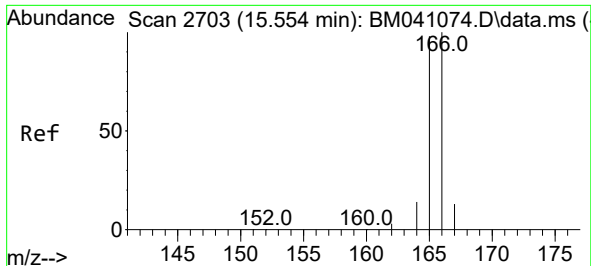
Tgt Ion:152 Resp: 61839
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.1 11.4 17.2



#11
Acenaphthene
Concen: 3.304 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.004 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:153 Resp: 49702
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 87.2 70.3 105.5

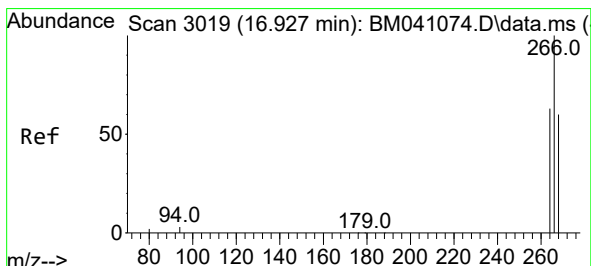
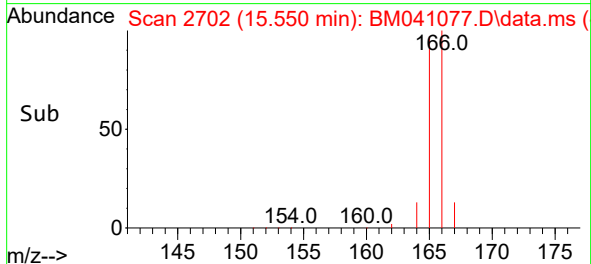
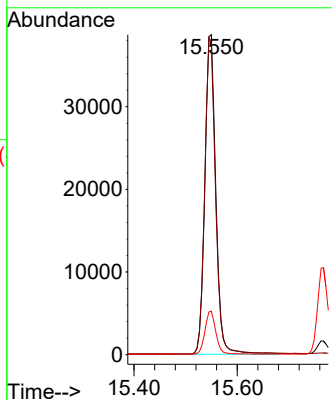
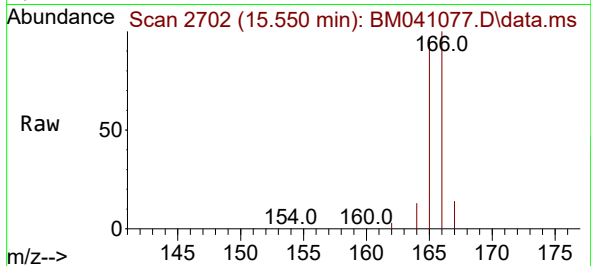




#12
Fluorene
Concen: 3.444 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

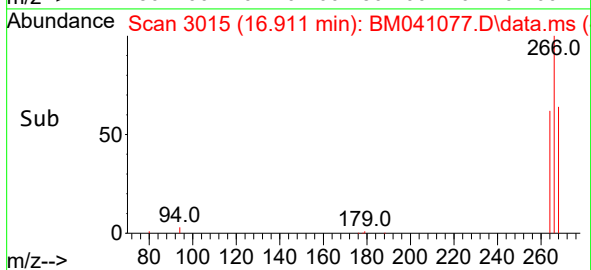
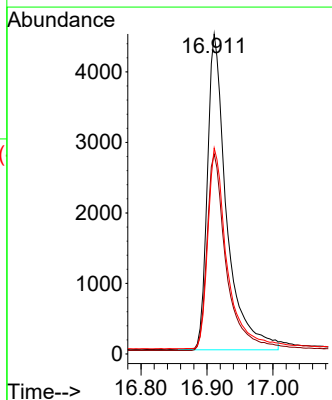
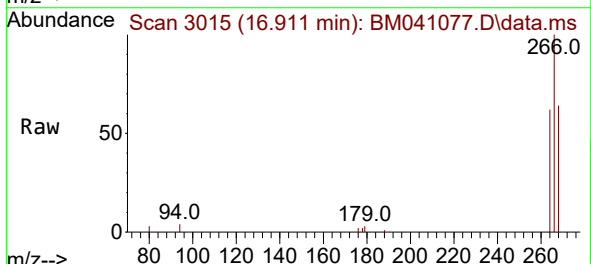
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

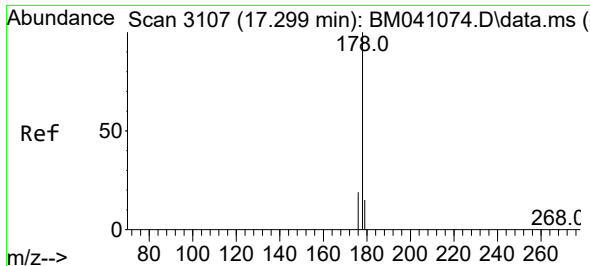
Tgt Ion:166 Resp: 56556
Ion Ratio Lower Upper
166 100
165 97.0 79.4 119.0
167 13.6 11.4 17.2



#14
Pentachlorophenol
Concen: 3.493 ng/ul
RT: 16.911 min Scan# 3015
Delta R.T. -0.017 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:266 Resp: 9092
Ion Ratio Lower Upper
266 100
264 62.8 49.2 73.8
268 63.8 49.9 74.9

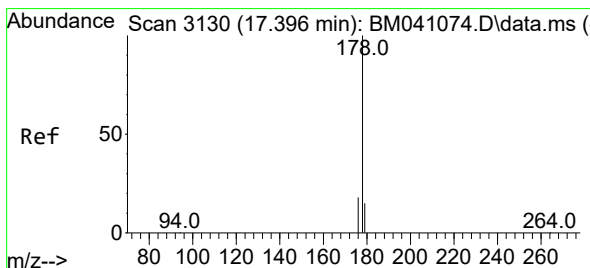
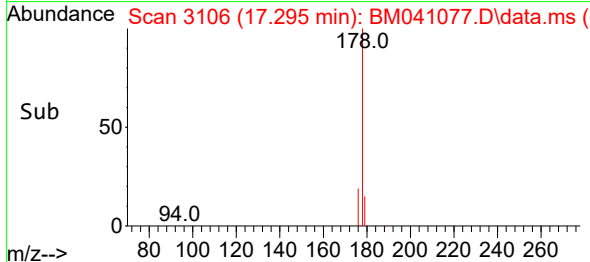
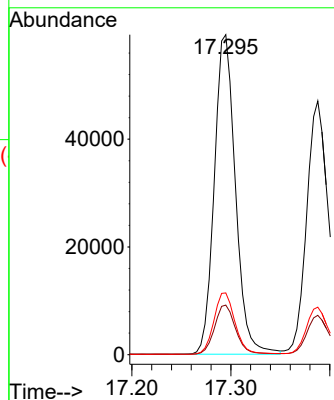
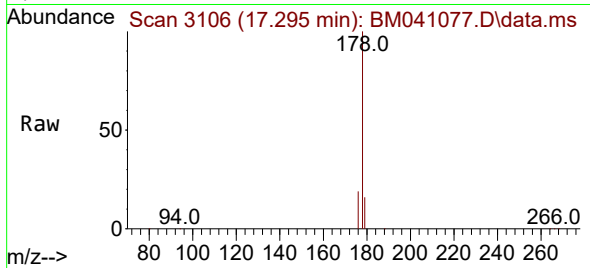




#15
Phenanthrene
Concen: 3.192 ng/ul
RT: 17.295 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

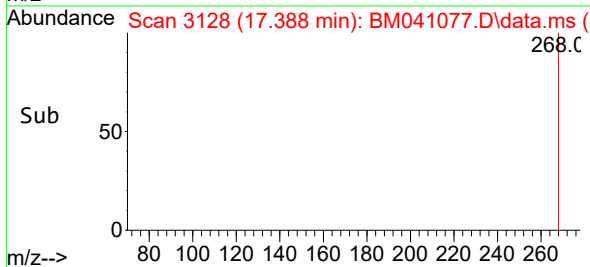
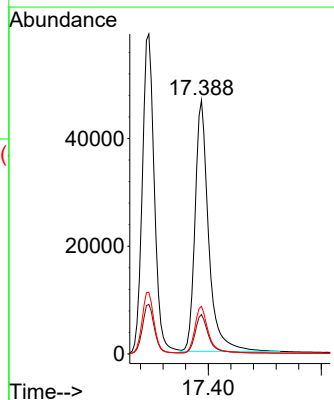
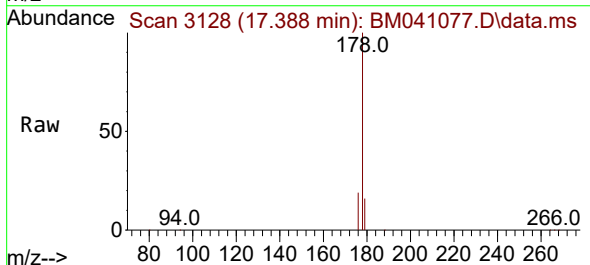
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

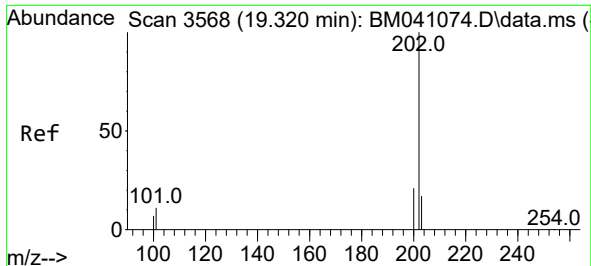
Tgt Ion:178 Resp: 87987
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.3 16.0 24.0



#16
Anthracene
Concen: 3.483 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:178 Resp: 77742
Ion Ratio Lower Upper
178 100
179 15.5 13.6 20.4
176 18.7 16.0 24.0

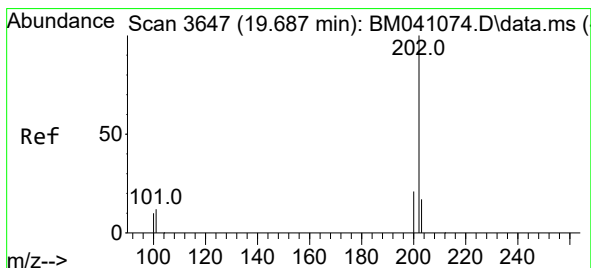
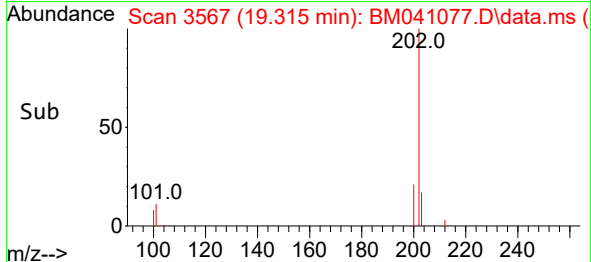
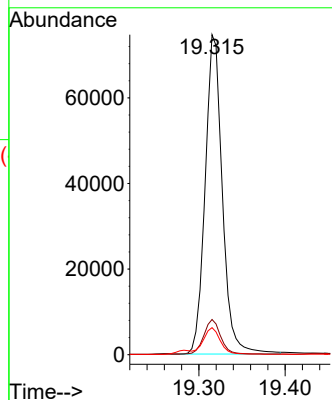
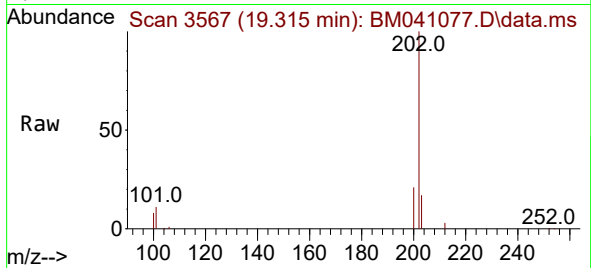




#19
Fluoranthene
Concen: 3.180 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

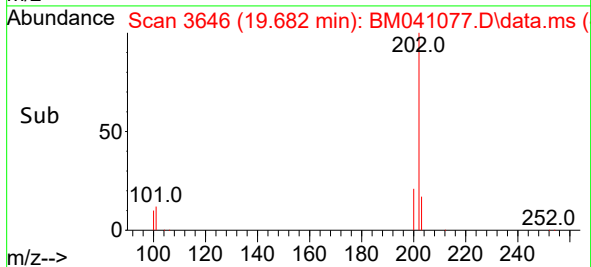
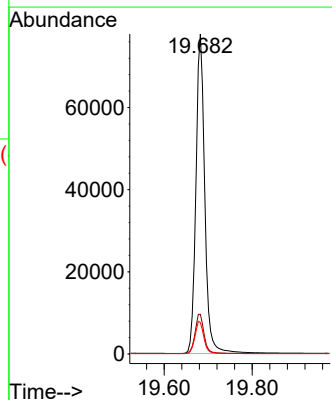
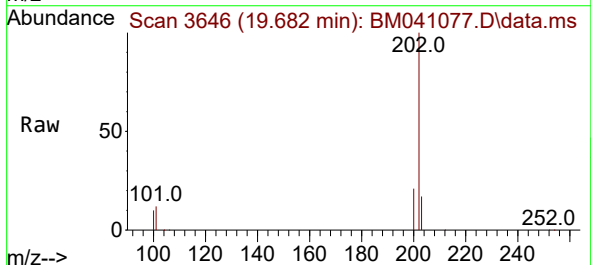
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

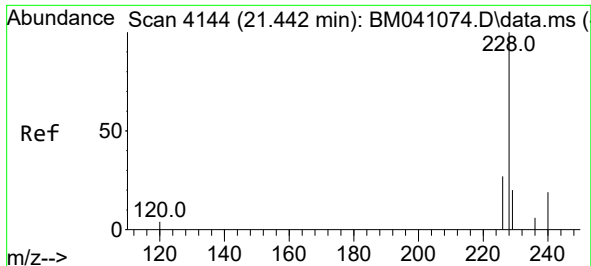
Tgt Ion:202 Resp: 103820
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.0
100 8.4 7.1 10.7



#20
Pyrene
Concen: 3.036 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:202 Resp: 109283
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.8 8.5 12.7

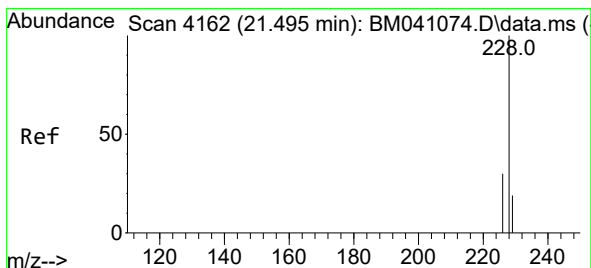
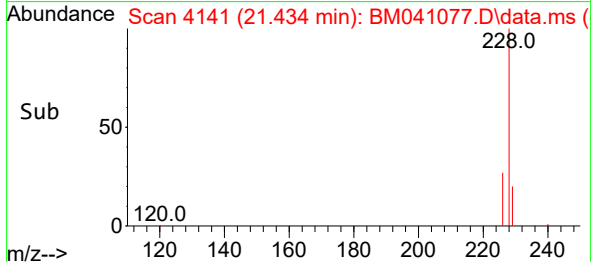
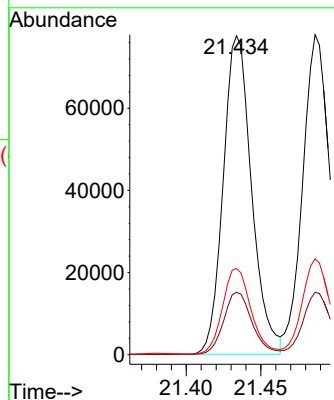
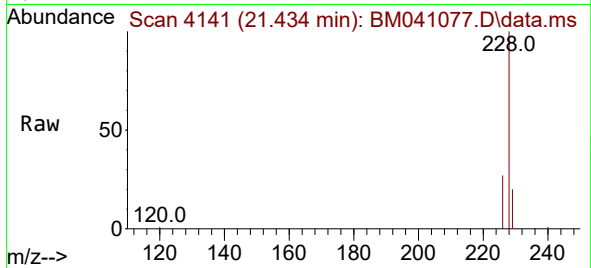




#21
Benzo(a)anthracene
Concen: 3.370 ng/ul
RT: 21.434 min Scan# 411
Delta R.T. -0.009 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

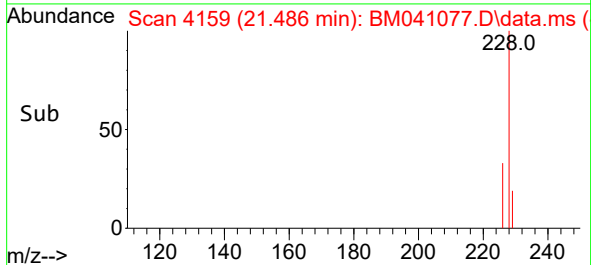
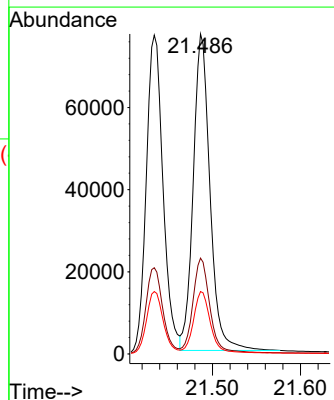
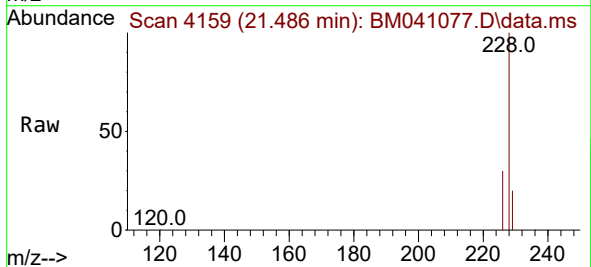
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

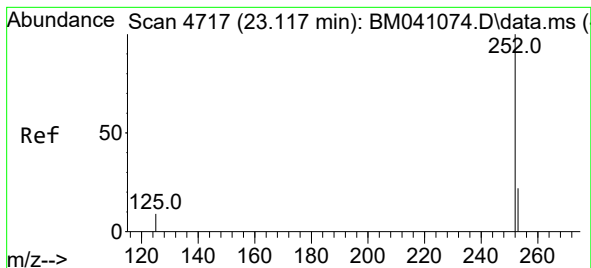
Tgt Ion:228 Resp: 102626
Ion Ratio Lower Upper
228 100
229 19.6 16.5 24.7
226 27.0 22.2 33.2



#22
Chrysene
Concen: 2.905 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.009 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:228 Resp: 102155
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 19.5 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 3.187 ng/ul

RT: 23.108 min Scan# 4714

Delta R.T. -0.009 min

Lab File: BM041077.D

Acq: 24 Jul 2023 15:41

Instrument :

BNA_M

ClientSampleId :

SSTD3.2041

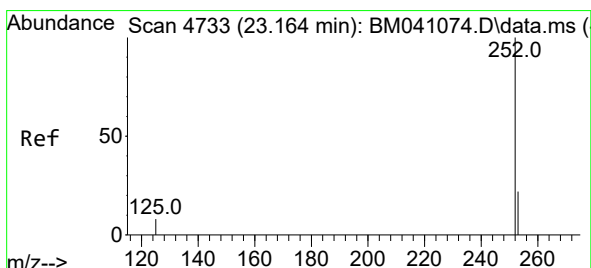
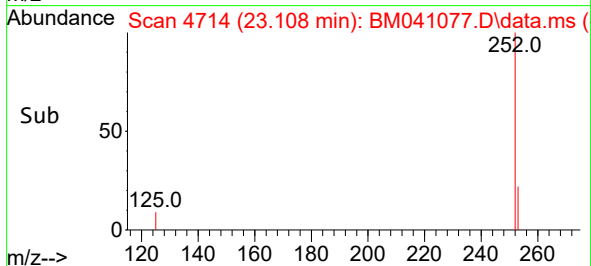
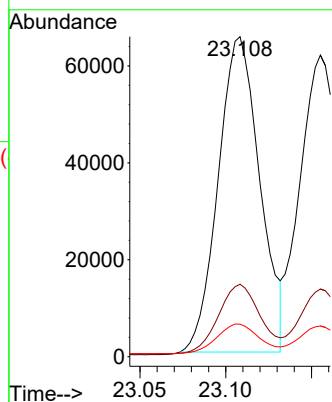
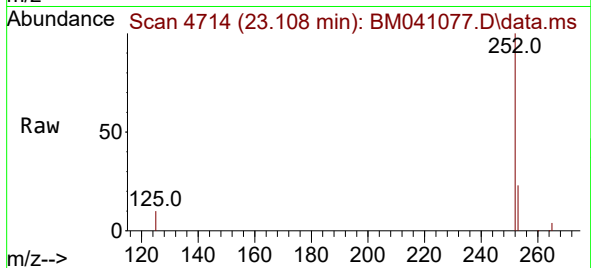
Tgt Ion:252 Resp: 109701

Ion Ratio Lower Upper

252 100

253 22.7 0.0 57.6

125 10.1 0.0 33.6



#25

Benzo(k)fluoranthene

Concen: 3.345 ng/ul

RT: 23.155 min Scan# 4730

Delta R.T. -0.009 min

Lab File: BM041077.D

Acq: 24 Jul 2023 15:41

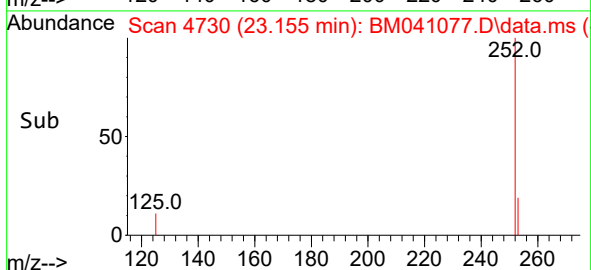
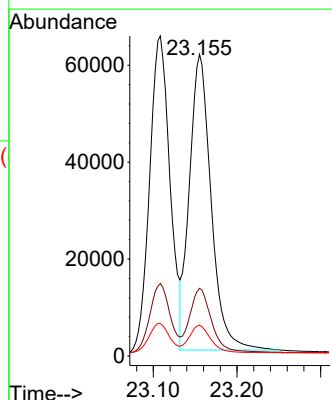
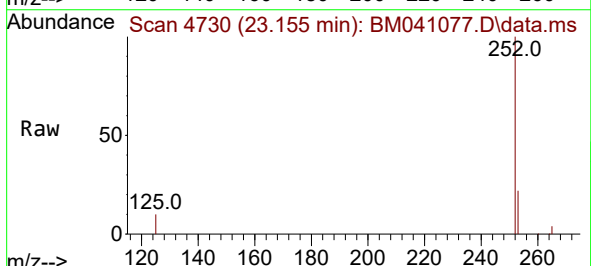
Tgt Ion:252 Resp: 109901

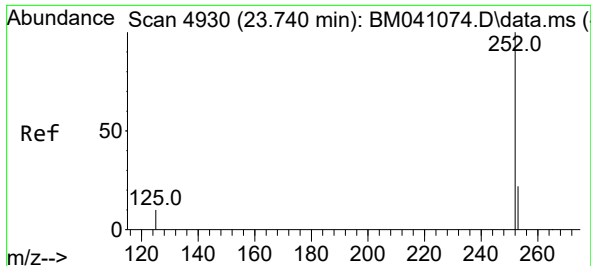
Ion Ratio Lower Upper

252 100

253 22.5 22.8 34.2#

125 10.2 13.5 20.3#

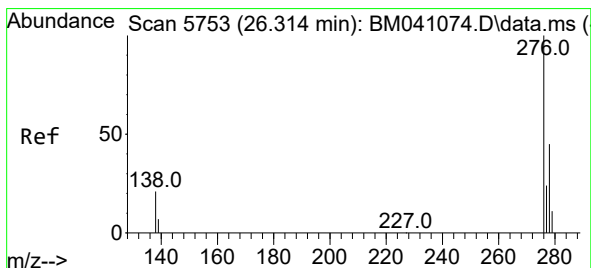
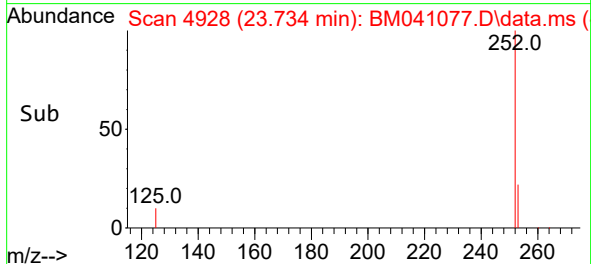
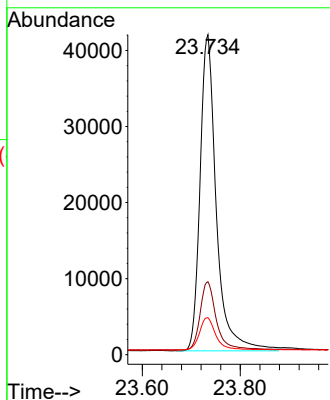
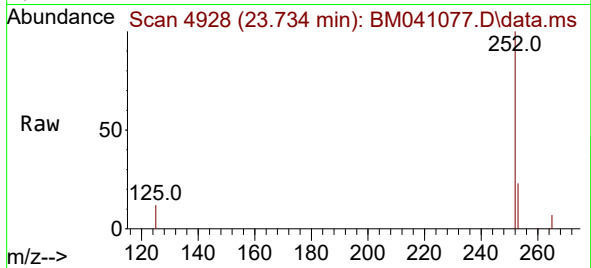




#26
Benzo(a)pyrene
Concen: 3.438 ng/ul
RT: 23.734 min Scan# 4930
Delta R.T. -0.006 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

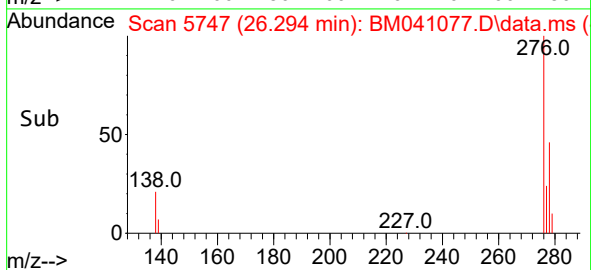
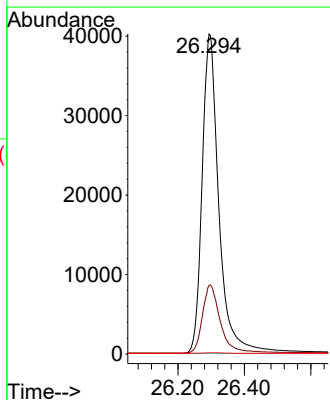
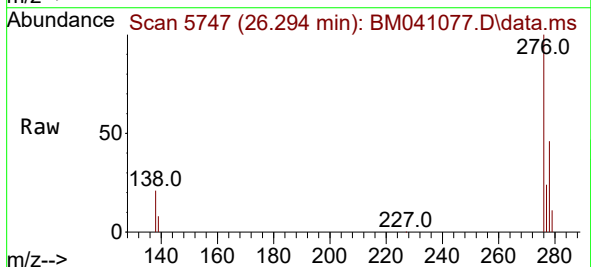
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

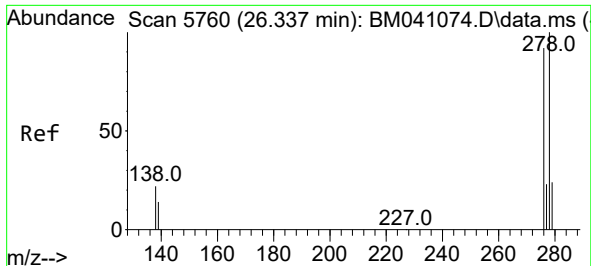
Tgt Ion:252 Resp: 95860
Ion Ratio Lower Upper
252 100
253 22.8 26.7 40.1#
125 11.5 18.1 27.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.401 ng/ul
RT: 26.294 min Scan# 5747
Delta R.T. -0.020 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:276 Resp: 140399
Ion Ratio Lower Upper
276 100
138 22.7 18.1 27.1
227 0.2 0.2 0.2

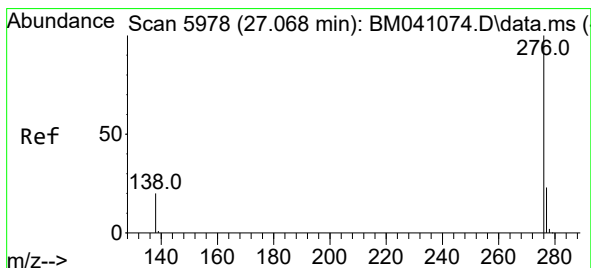
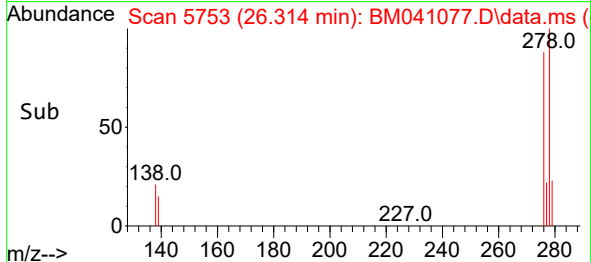
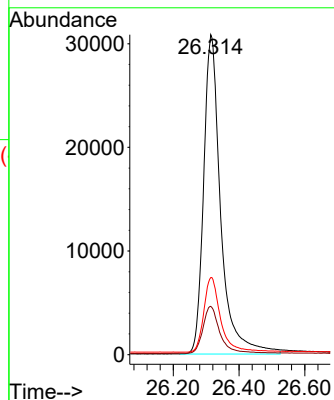
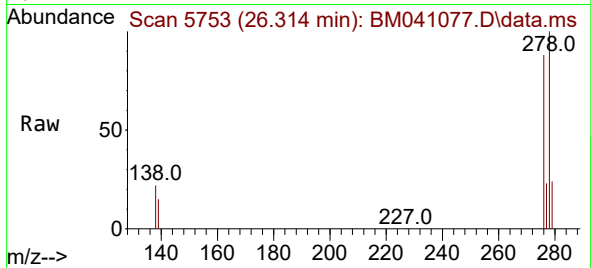




#28
Dibenzo(a,h)anthracene
Concen: 3.440 ng/ul
RT: 26.314 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:278 Resp: 111379
Ion Ratio Lower Upper
278 100
139 15.1 14.1 21.1
279 24.1 25.0 37.4#



#29
Benzo(g,h,i)perylene
Concen: 3.259 ng/ul
RT: 27.055 min Scan# 5974
Delta R.T. -0.013 min
Lab File: BM041077.D
Acq: 24 Jul 2023 15:41

Tgt Ion:276 Resp: 120238
Ion Ratio Lower Upper
276 100
138 20.0 18.2 27.2
277 24.0 20.6 30.8

