

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
 Data File : BM037986.D
 Acq On : 13 Dec 2022 15:46
 Operator : CG/JU
 Sample : SSTD1.602
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6012

Quant Time: Dec 14 01:17:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:15:09 2022
 Response via : Initial Calibration

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

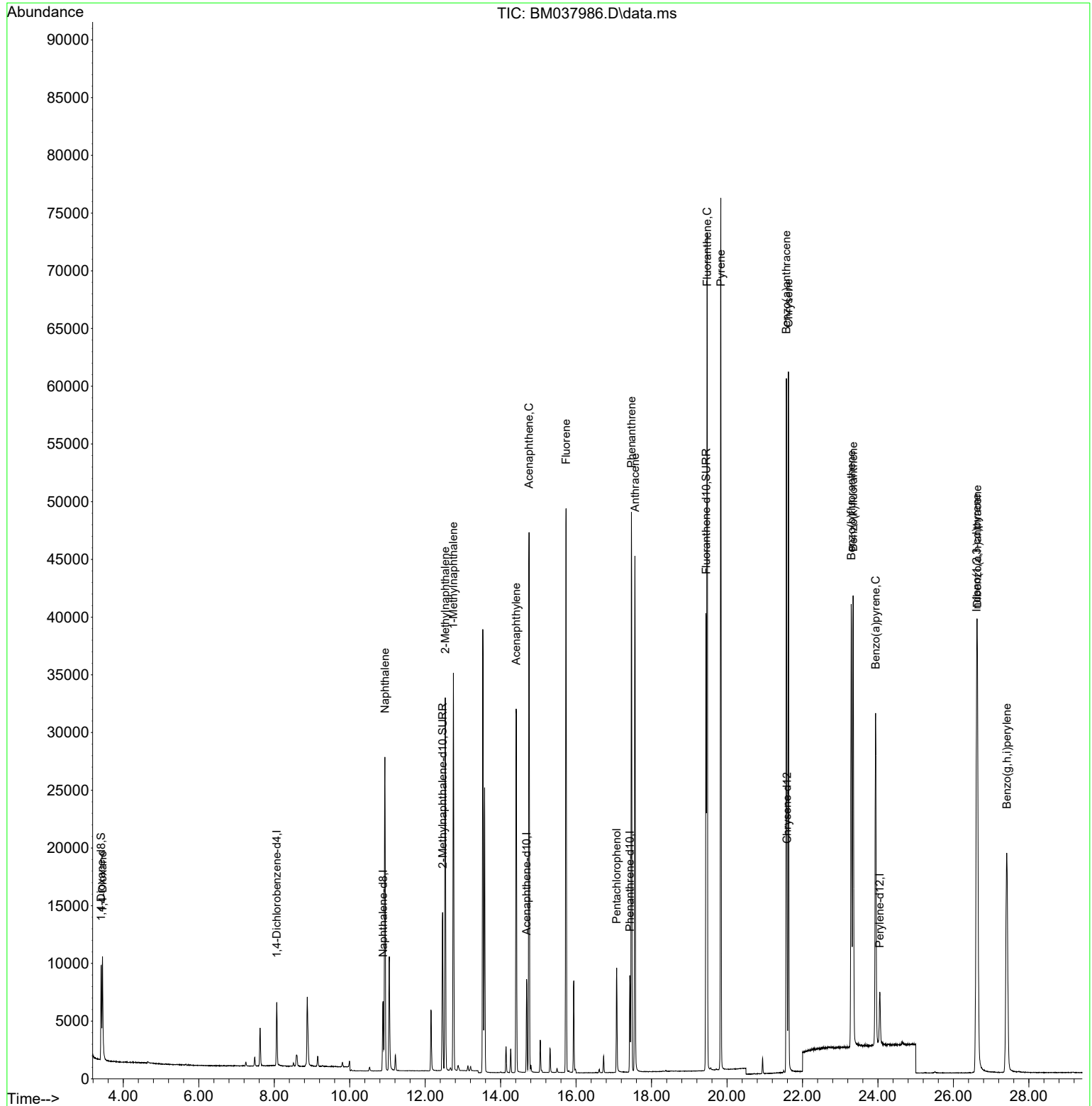
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	2810	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	7685	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	4140	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	9049	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	7377	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	6443	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	5618	1.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	17185	1.550	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	38377	1.529	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	5688	1.455	ng/ul#	70
5) Naphthalene	10.933	128	35764	1.489	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	21969	1.502	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	22656	1.511	ng/ul	100
10) Acenaphthylene	14.412	152	35548	1.713	ng/ul	99
11) Acenaphthene	14.754	153	25718	1.493	ng/ul	96
12) Fluorene	15.735	166	29940	1.569	ng/ul	98
14) Pentachlorophenol	17.075	266	5827	1.959	ng/ul	99
15) Phenanthrene	17.468	178	47891	1.460	ng/ul	98
16) Anthracene	17.561	178	46712	1.600	ng/ul	98
19) Fluoranthene	19.473	202	57534	1.406	ng/ul	99
20) Pyrene	19.836	202	58253	1.358	ng/ul	99
21) Benzo(a)anthracene	21.574	228	50146	1.401	ng/ul	99
22) Chrysene	21.629	228	50954	1.411	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	51088	1.513	ng/ul	93
25) Benzo(k)fluoranthene	23.342	252	50038	1.538	ng/ul#	92
26) Benzo(a)pyrene	23.939	252	43062	1.494	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.616	276	52279	1.388	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.636	278	40417	1.370	ng/ul	96
29) Benzo(g,h,i)perylene	27.414	276	42898	1.358	ng/ul	98

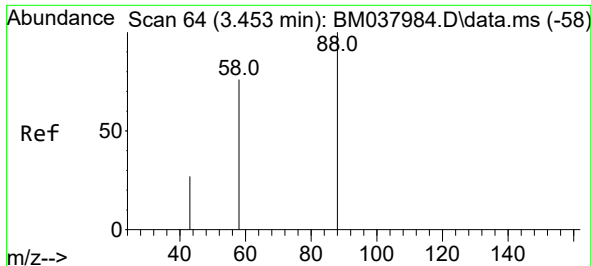
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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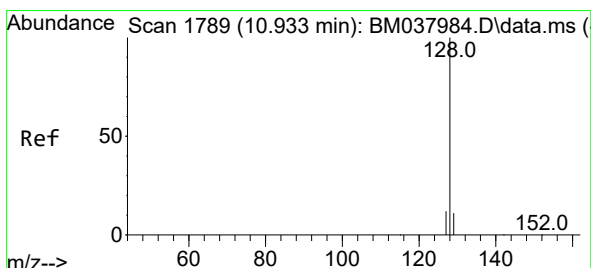
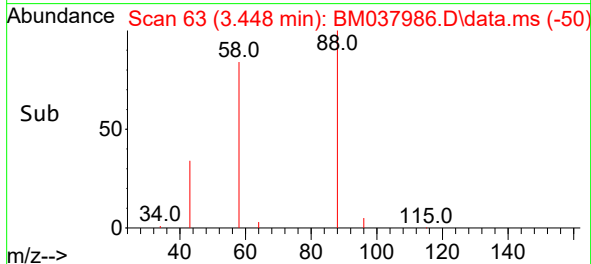
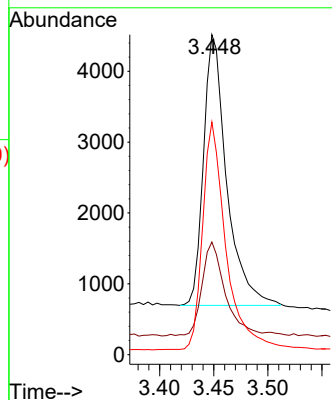
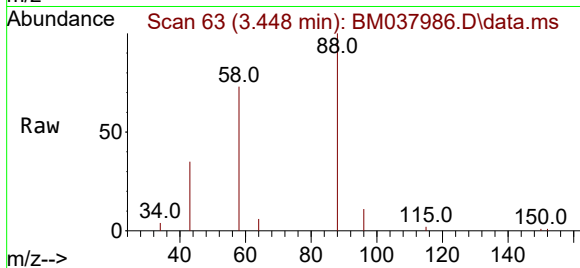




#2
1,4-Dioxane
Concen: 1.455 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

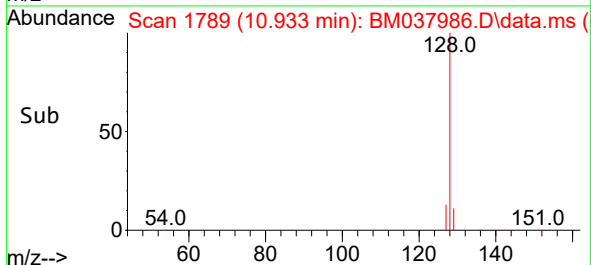
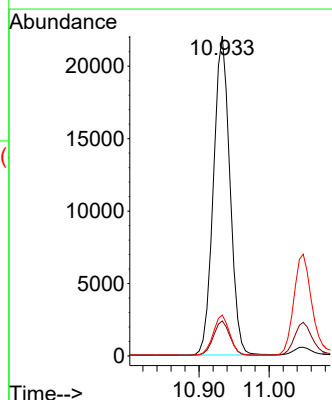
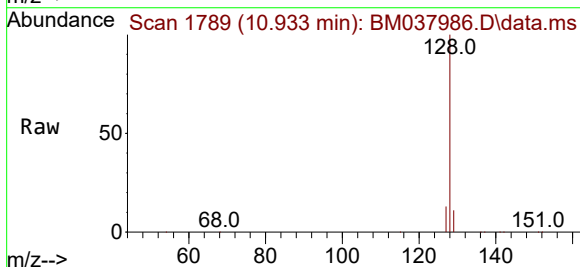
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

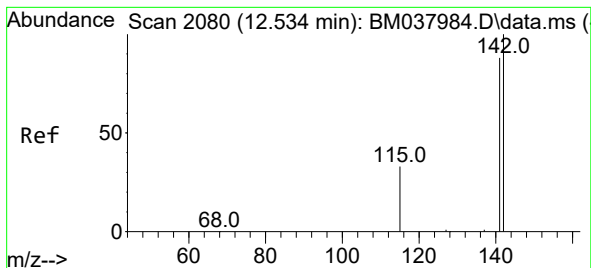
Tgt Ion: 88 Resp: 5688
Ion Ratio Lower Upper
88 100
43 35.2 25.5 38.3
58 72.7 33.8 50.8#



#5
Naphthalene
Concen: 1.489 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion: 128 Resp: 35764
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 12.8 10.8 16.2

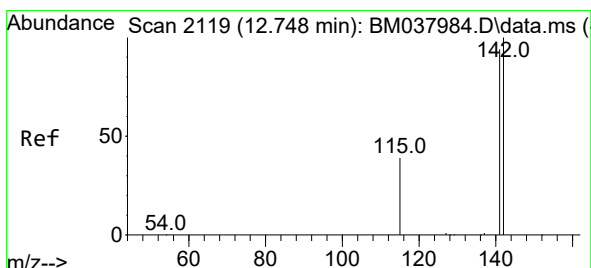
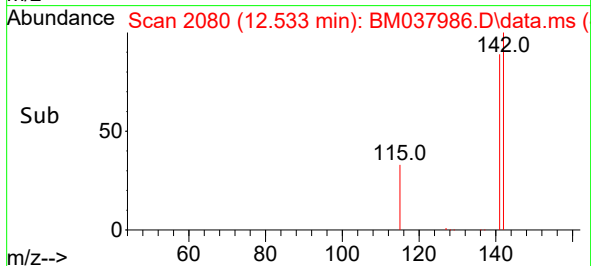
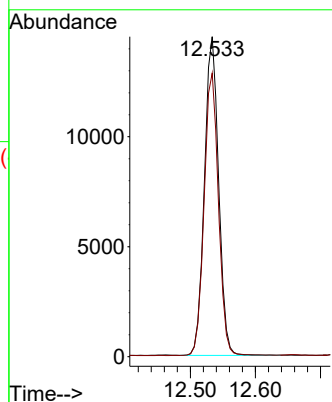
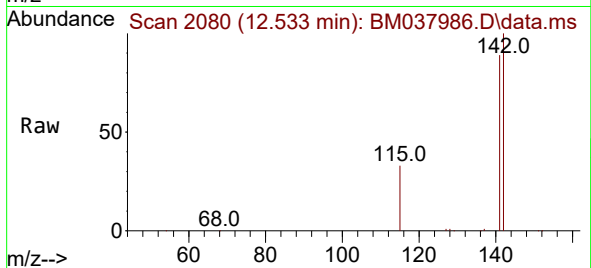




#7
2-Methylnaphthalene
Concen: 1.502 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

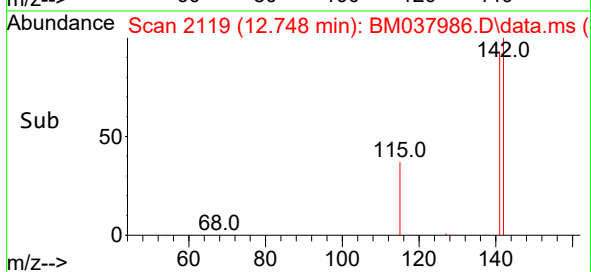
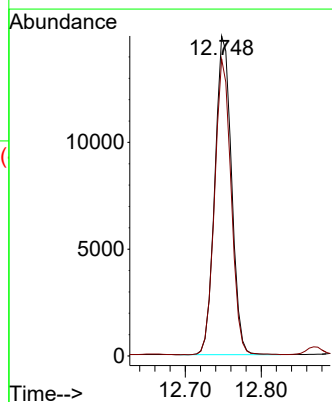
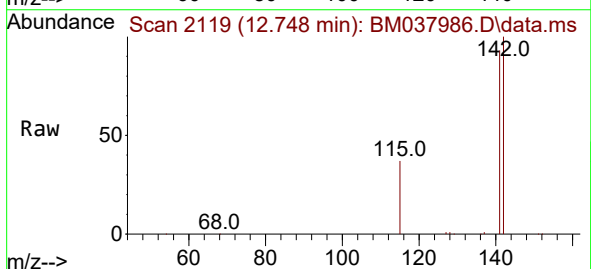
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

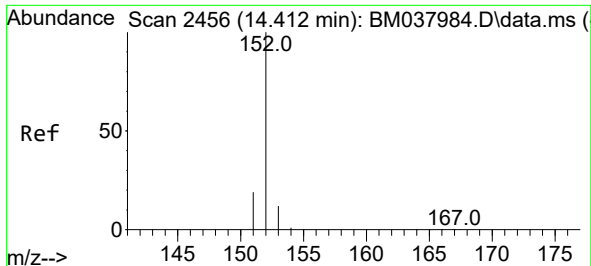
Tgt Ion:142 Resp: 21969
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 1.511 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:142 Resp: 22656
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7

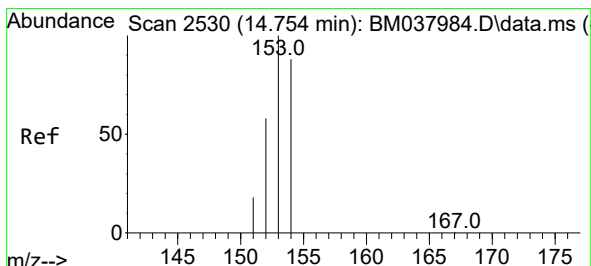
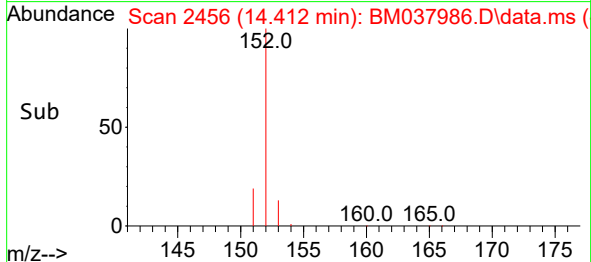
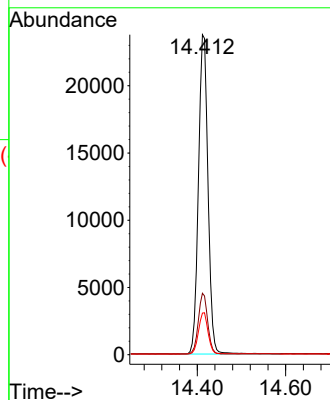
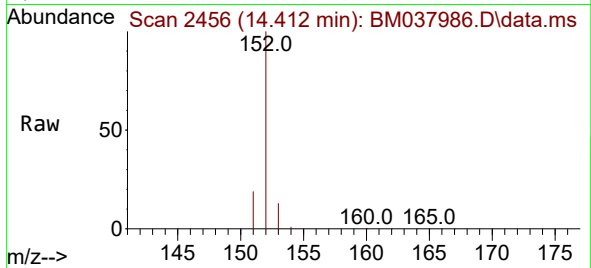




#10
Acenaphthylene
Concen: 1.713 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

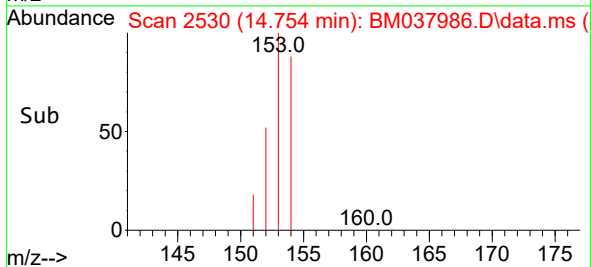
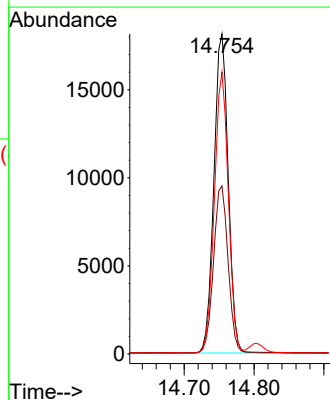
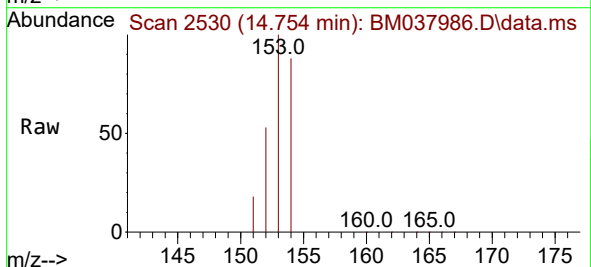
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

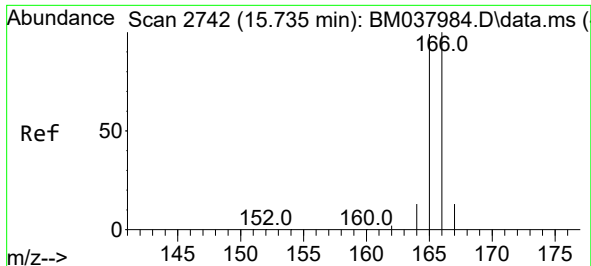
Tgt Ion:152 Resp: 35548
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.8
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 1.493 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:153 Resp: 25718
Ion Ratio Lower Upper
153 100
152 52.5 47.1 70.7
154 88.1 70.7 106.1

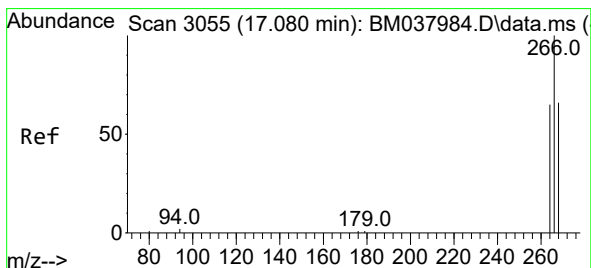
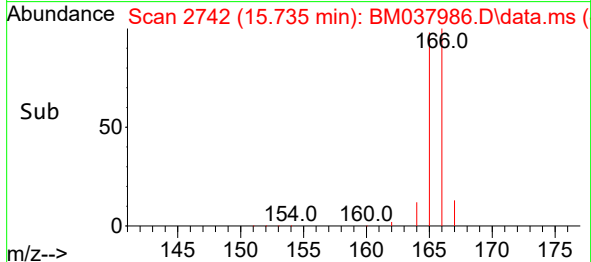
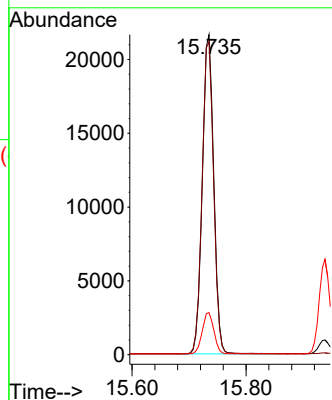
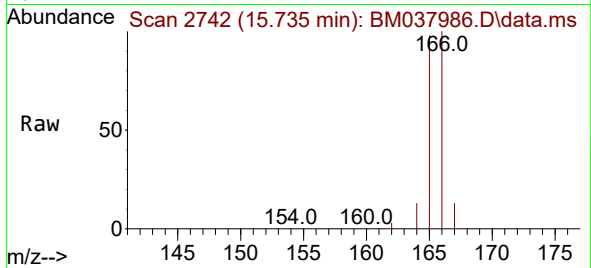




#12
Fluorene
Concen: 1.569 ng/ul
RT: 15.735 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

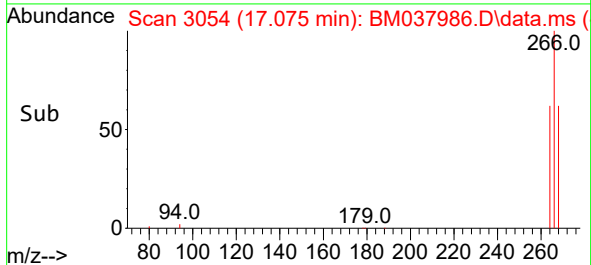
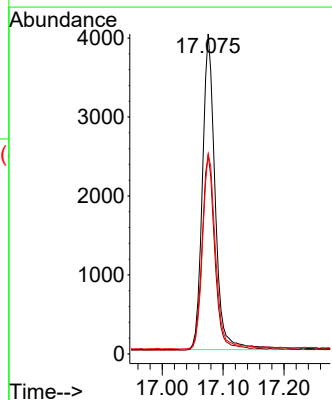
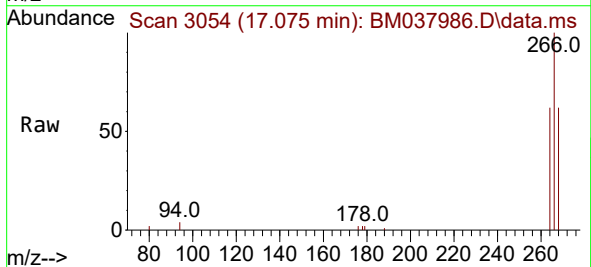
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

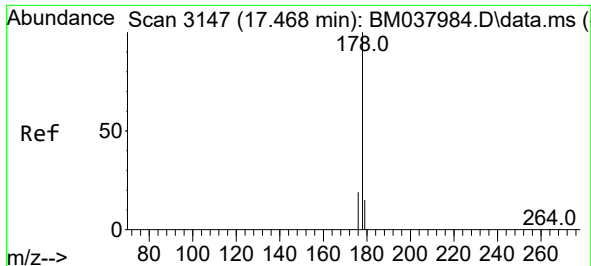
Tgt Ion:166 Resp: 29940
Ion Ratio Lower Upper
166 100
165 97.8 79.8 119.6
167 13.2 11.7 17.5



#14
Pentachlorophenol
Concen: 1.959 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:266 Resp: 5827
Ion Ratio Lower Upper
266 100
264 62.5 50.9 76.3
268 63.8 50.4 75.6

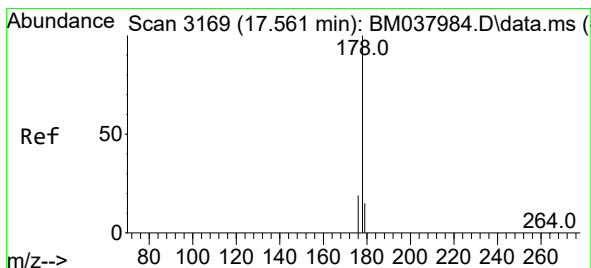
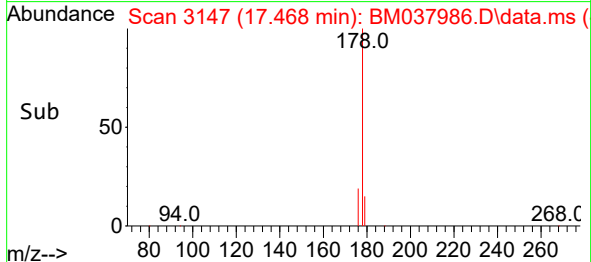
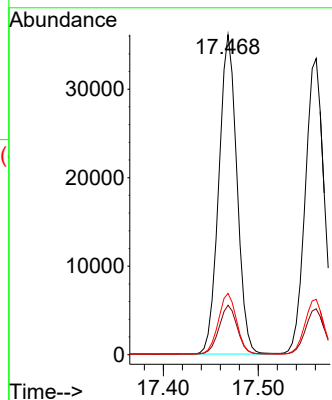
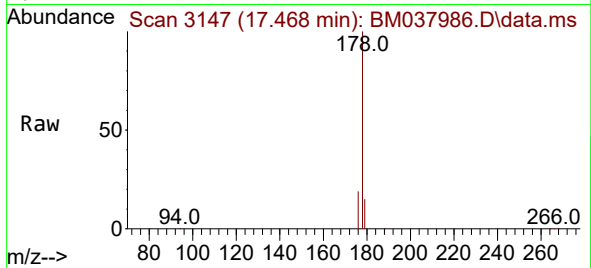




#15
Phenanthrene
Concen: 1.460 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

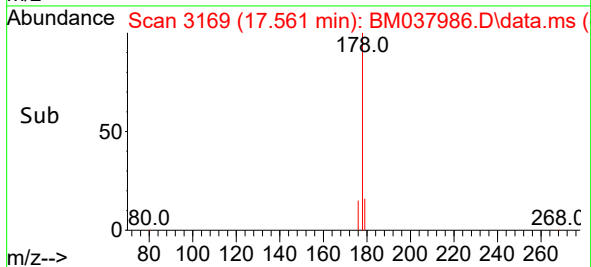
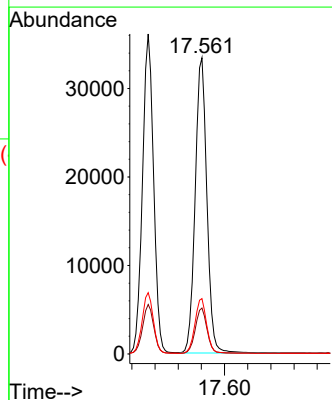
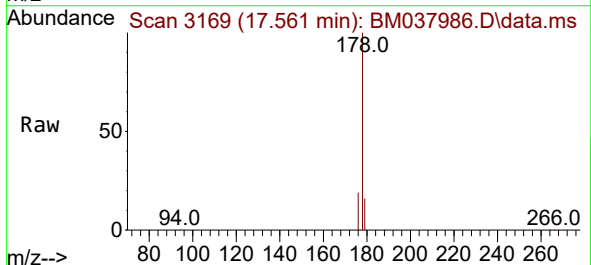
Instrument :
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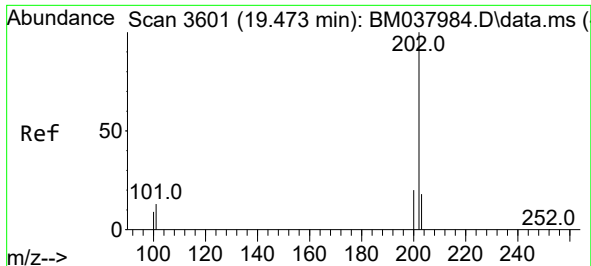
Tgt Ion:178 Resp: 47891
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 16.2 24.2



#16
Anthracene
Concen: 1.600 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:178 Resp: 46712
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.0
176 18.7 15.8 23.6

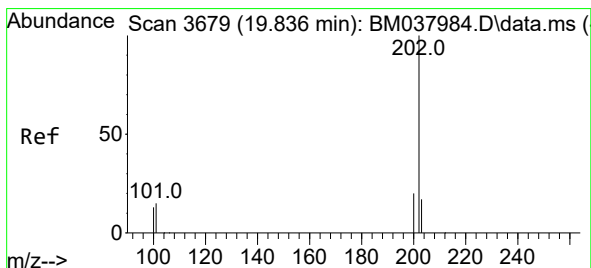
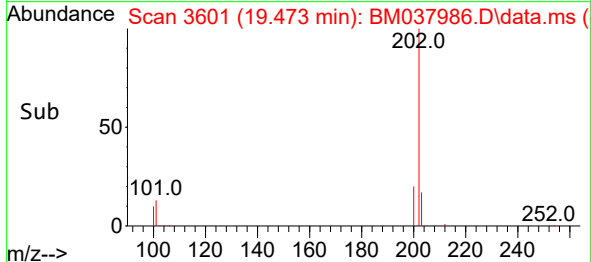
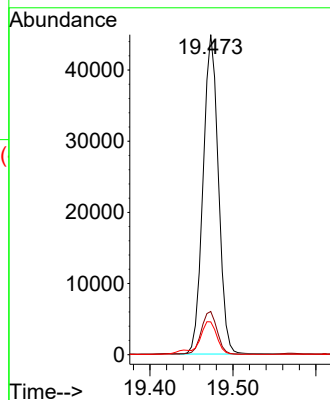
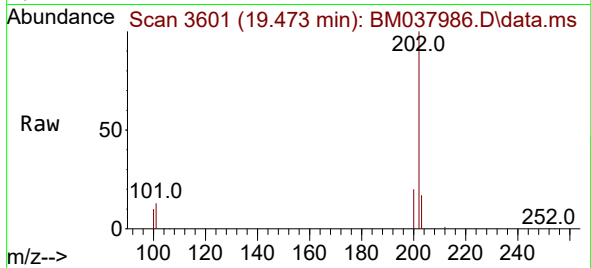




#19
Fluoranthene
Concen: 1.406 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

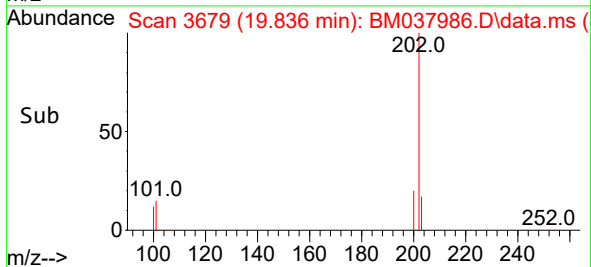
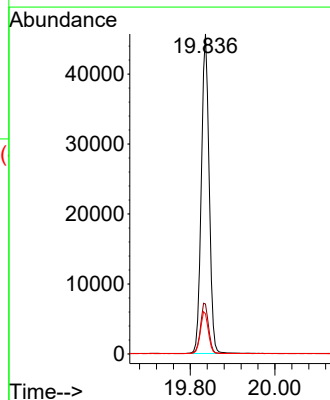
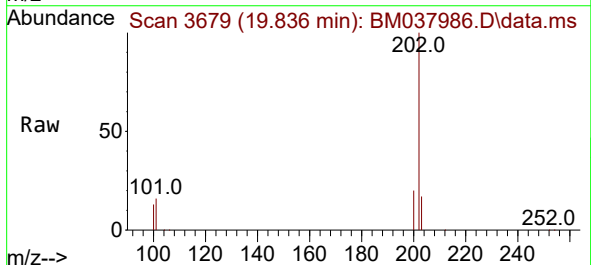
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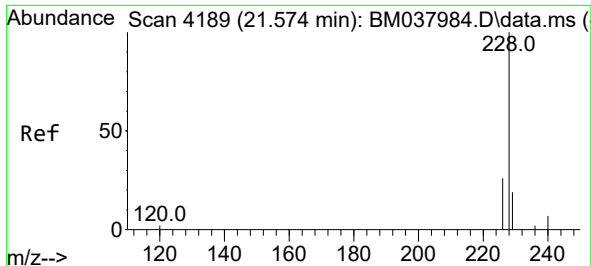
Tgt Ion:202 Resp: 57534
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 10.3 8.5 12.7



#20
Pyrene
Concen: 1.358 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

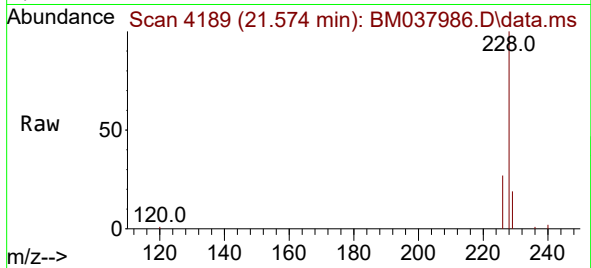
Tgt Ion:202 Resp: 58253
Ion Ratio Lower Upper
202 100
101 15.6 12.6 19.0
100 12.6 10.6 15.8



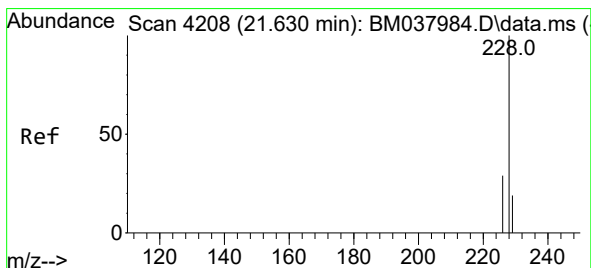
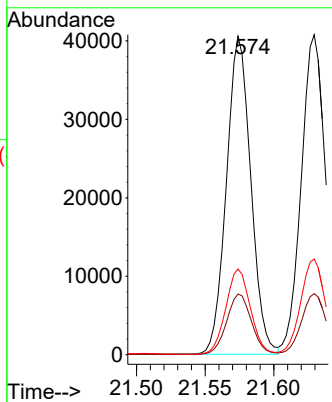
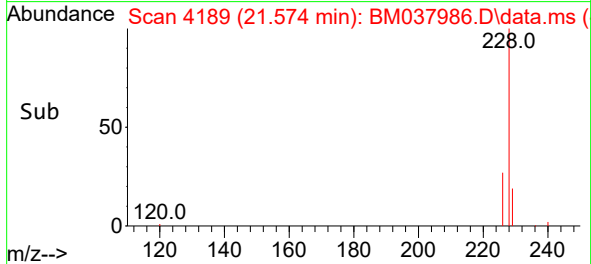


#21
Benzo(a)anthracene
Concen: 1.401 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Instrument :
BNA_M
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SSTD1.6012

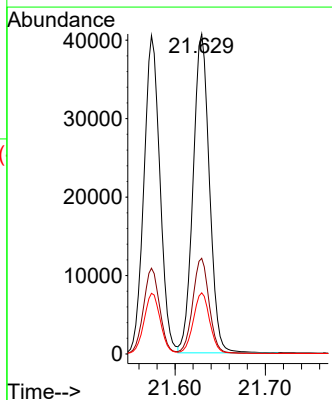
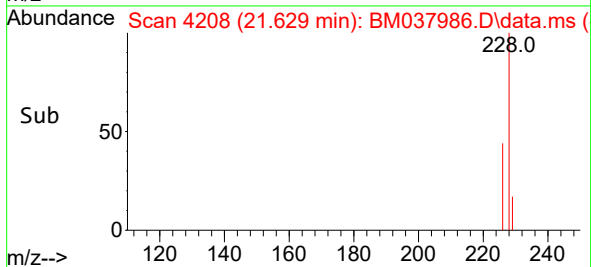
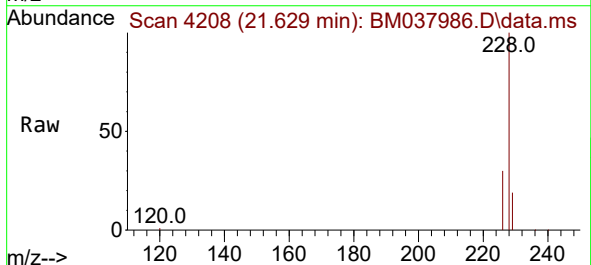


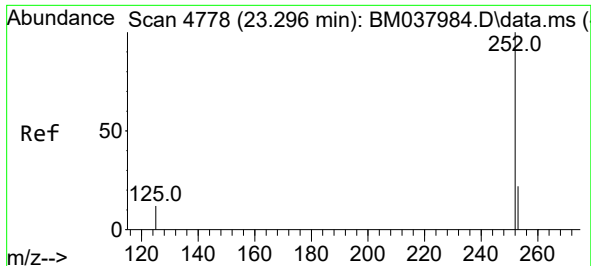
Tgt Ion:228 Resp: 50146
Ion Ratio Lower Upper
228 100
229 19.1 15.8 23.6
226 26.9 21.0 31.4



#22
Chrysene
Concen: 1.411 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:228 Resp: 50954
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 19.1 15.8 23.8

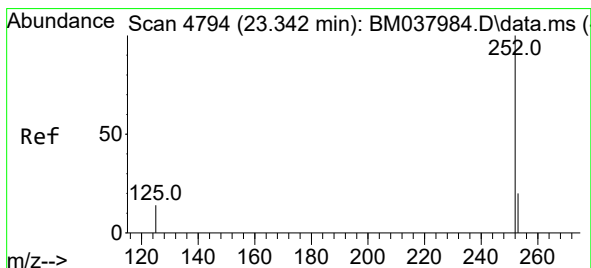
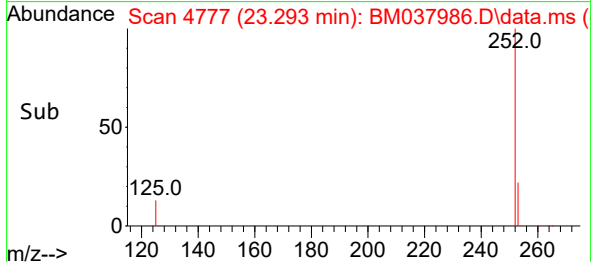
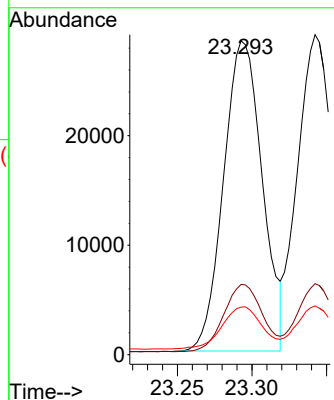
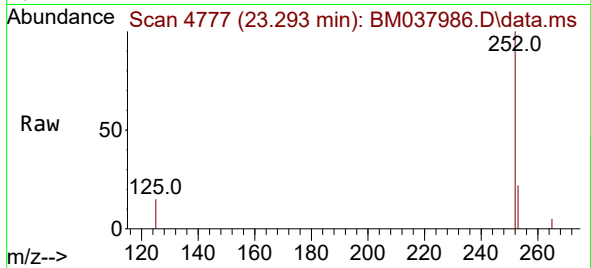




#24
Benzo(b)fluoranthene
Concen: 1.513 ng/ul
RT: 23.293 min Scan# 4777
Delta R.T. -0.003 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

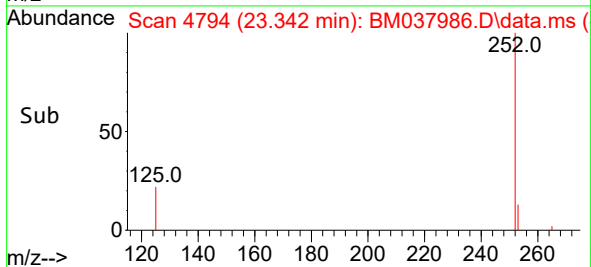
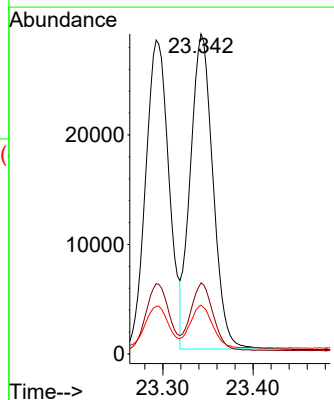
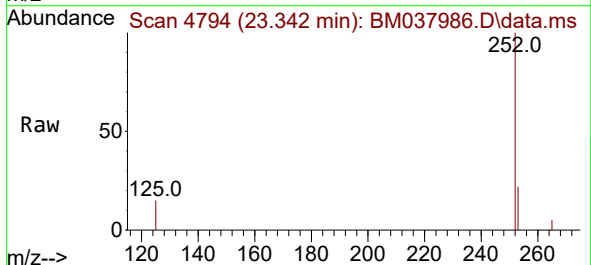
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

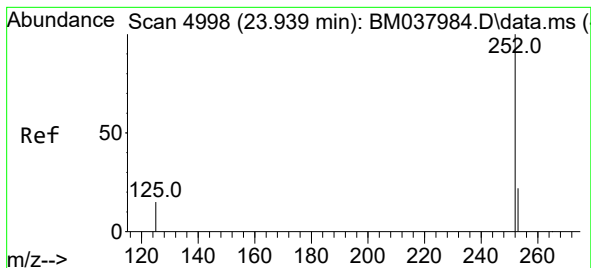
Tgt Ion:252 Resp: 51088
Ion Ratio Lower Upper
252 100
253 22.4 0.0 49.6
125 15.1 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 1.538 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:252 Resp: 50038
Ion Ratio Lower Upper
252 100
253 22.2 19.4 29.0
125 15.3 16.7 25.1#





#26

Benzo(a)pyrene

Concen: 1.494 ng/ul

RT: 23.939 min Scan# 4998

Delta R.T. -0.000 min

Lab File: BM037986.D

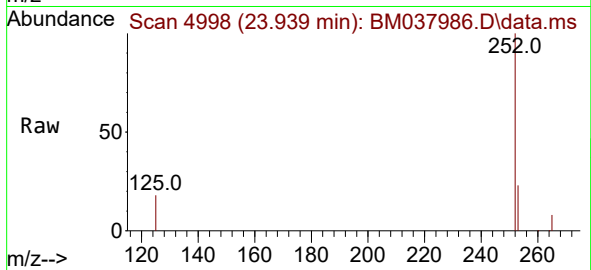
Acq: 13 Dec 2022 15:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6012



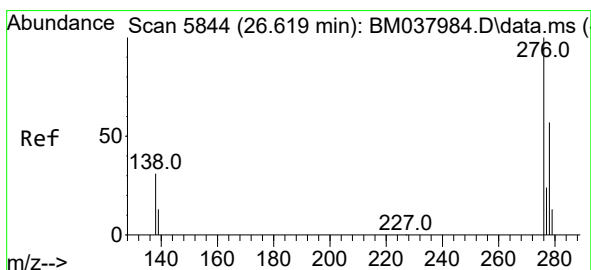
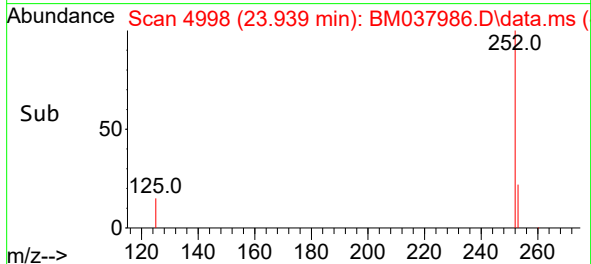
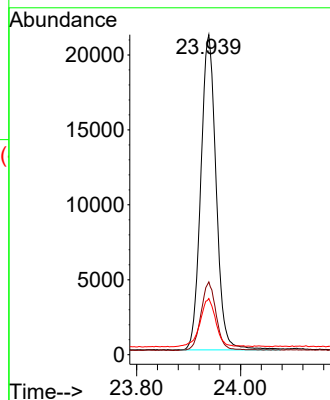
Tgt Ion:252 Resp: 43062

Ion Ratio Lower Upper

252 100

253 22.7 21.7 32.5

125 17.6 20.4 30.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.388 ng/ul

RT: 26.616 min Scan# 5843

Delta R.T. -0.003 min

Lab File: BM037986.D

Acq: 13 Dec 2022 15:46

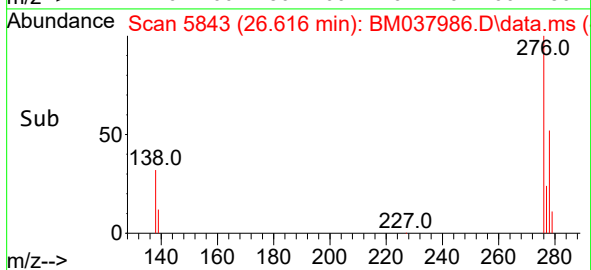
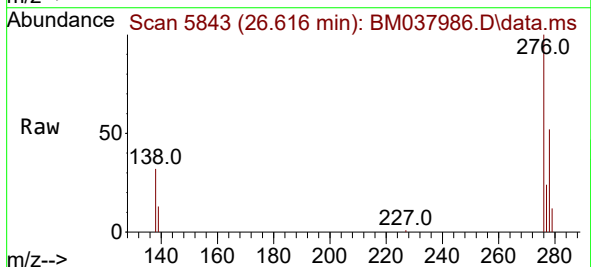
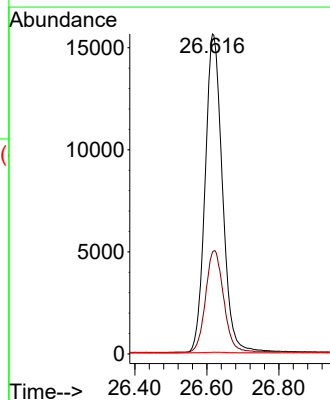
Tgt Ion:276 Resp: 52279

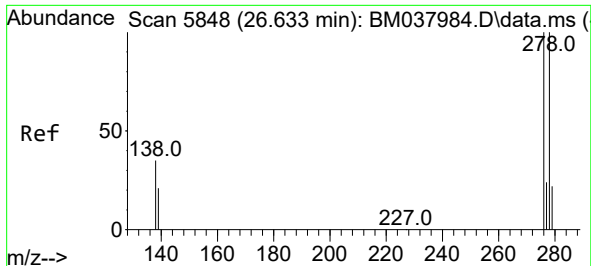
Ion Ratio Lower Upper

276 100

138 32.9 0.0 0.0#

227 0.2 0.1 0.1#

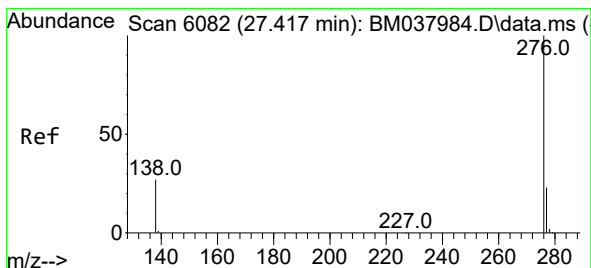
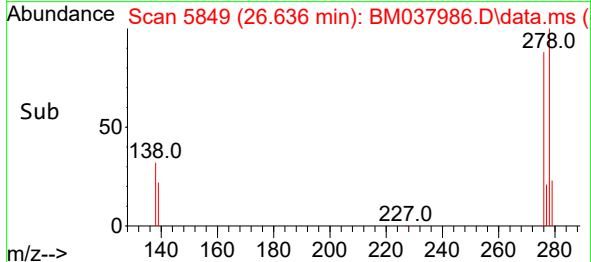
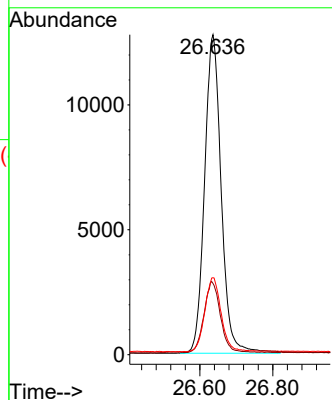
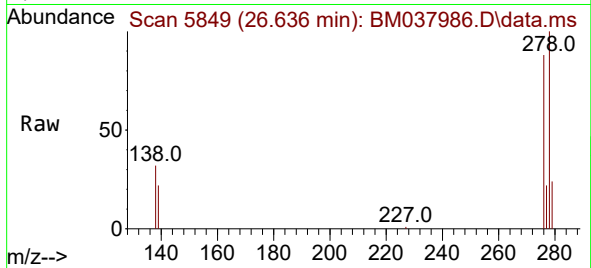




#28
Dibenzo(a,h)anthracene
Concen: 1.370 ng/ul
RT: 26.636 min Scan# 5848
Delta R.T. 0.003 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:278 Resp: 40417
Ion Ratio Lower Upper
278 100
139 22.2 19.4 29.0
279 24.0 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 1.358 ng/ul
RT: 27.414 min Scan# 6081
Delta R.T. -0.003 min
Lab File: BM037986.D
Acq: 13 Dec 2022 15:46

Tgt Ion:276 Resp: 42898
Ion Ratio Lower Upper
276 100
138 28.3 23.5 35.3
277 23.6 20.0 30.0

