

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
 Data File : BM037984.D
 Acq On : 13 Dec 2022 14:33
 Operator : CG/JU
 Sample : SST0.499
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4010

Quant Time: Dec 14 01:16:42 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)

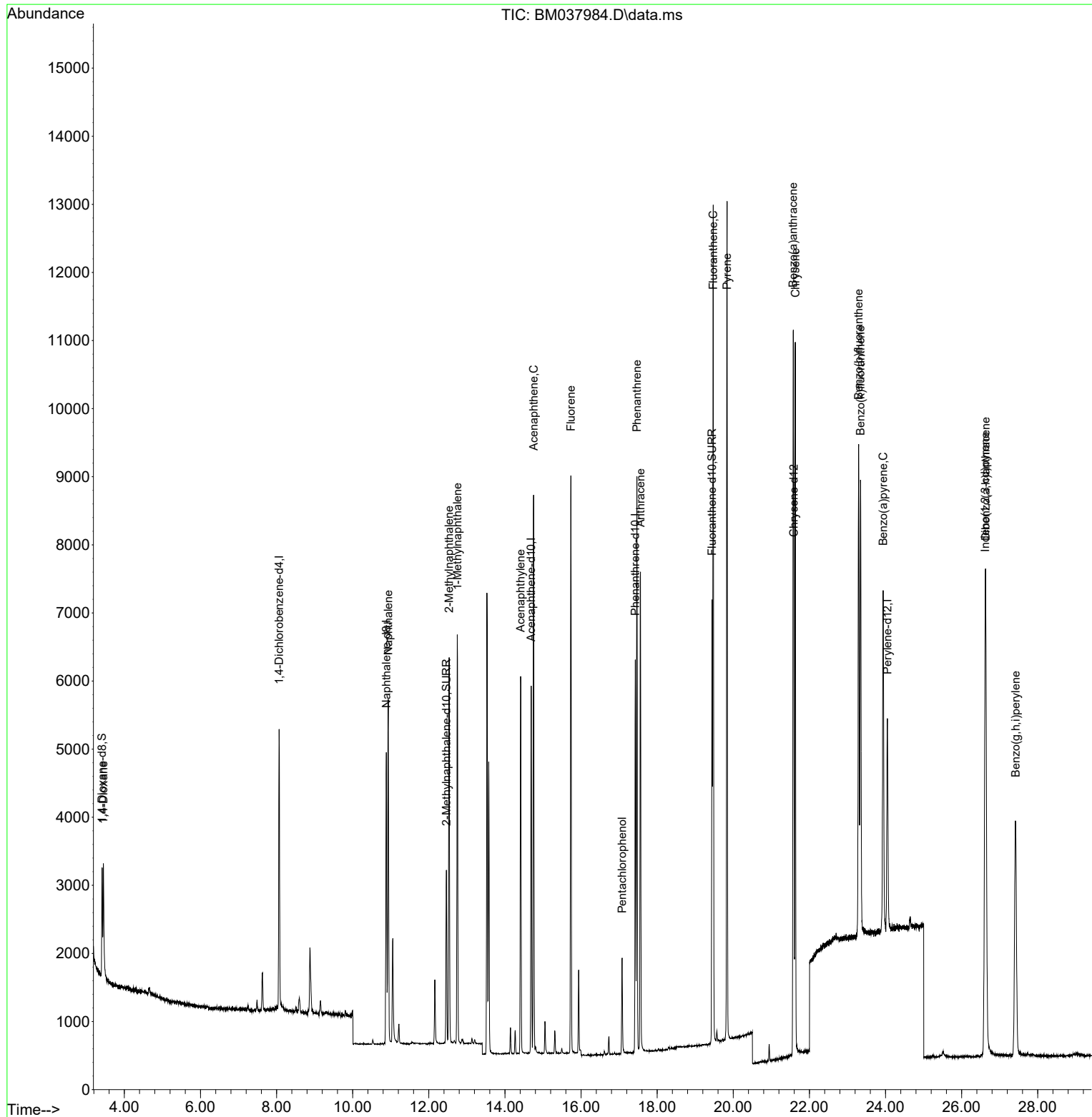
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	2092	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	5503	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	2778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	6166	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	4822	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	4368	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.415	96	1221	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	3108	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	6469	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.453	88	1166	0.401	ng/ul	100
5) Naphthalene	10.933	128	6754	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.534	142	3928	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	4056	0.378	ng/ul	100
10) Acenaphthylene	14.412	152	6201	0.445	ng/ul	100
11) Acenaphthene	14.754	153	4474	0.387	ng/ul	100
12) Fluorene	15.735	166	5150	0.402	ng/ul	100
14) Pentachlorophenol	17.080	266	978	0.483	ng/ul	100
15) Phenanthrene	17.468	178	8520	0.381	ng/ul	100
16) Anthracene	17.561	178	7669	0.386	ng/ul	100
19) Fluoranthene	19.473	202	9740	0.364	ng/ul	100
20) Pyrene	19.836	202	9842	0.351	ng/ul	100
21) Benzo(a)anthracene	21.574	228	8559	0.366	ng/ul	100
22) Chrysene	21.630	228	9006	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.296	252	9500	0.415	ng/ul	100
25) Benzo(k)fluoranthene	23.342	252	8880	0.403	ng/ul	100
26) Benzo(a)pyrene	23.939	252	7599	0.389	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.619	276	9415	0.369	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.633	278	7187	0.359	ng/ul	100
29) Benzo(g,h,i)perylene	27.417	276	7839	0.366	ng/ul	100

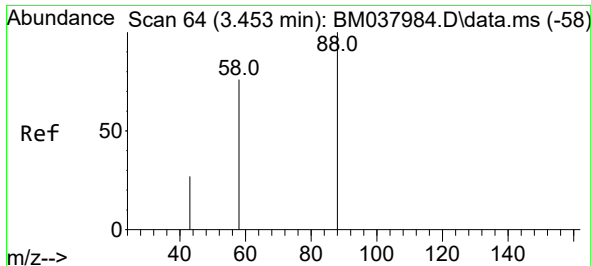
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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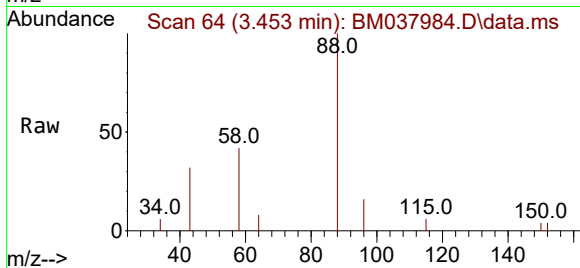
Quant Time: Dec 14 01:16:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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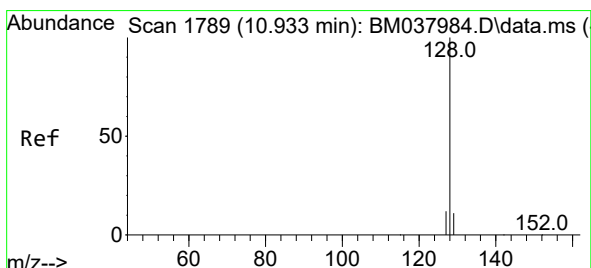
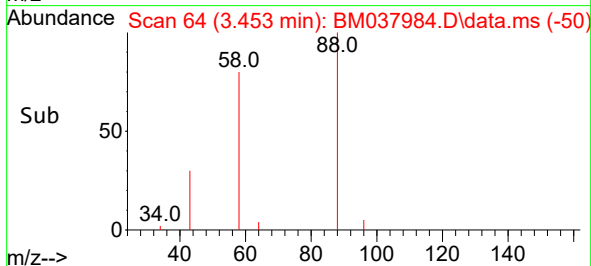
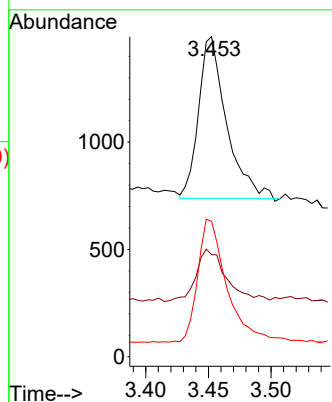
#2
1,4-Dioxane
Concen: 0.401 ng/ul
RT: 3.453 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010



Tgt Ion: 88 Resp: 1166

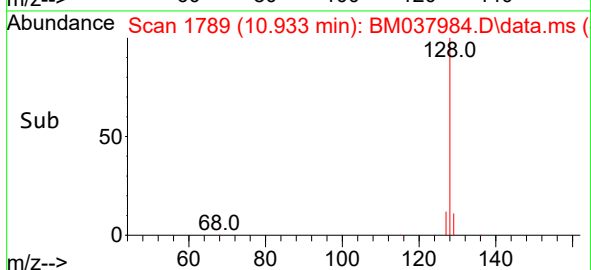
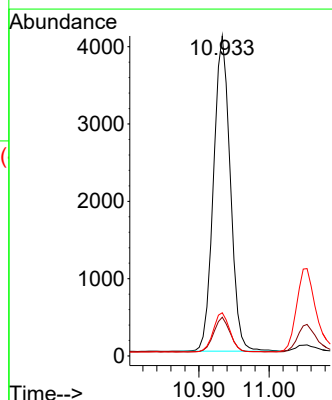
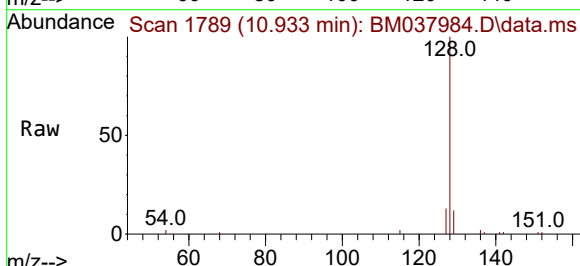
Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.5	38.3
58	42.3	33.8	50.8

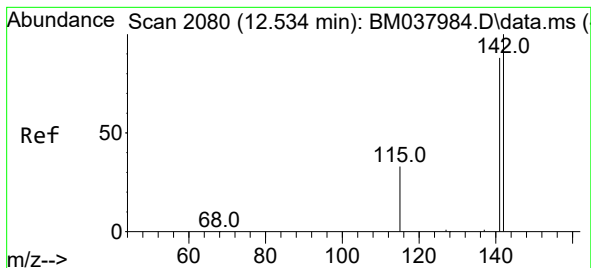


#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Tgt Ion: 128 Resp: 6754

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	13.5	10.8	16.2





#7

2-Methylnaphthalene

Concen: 0.375 ng/ul

RT: 12.534 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BM037984.D

Acq: 13 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

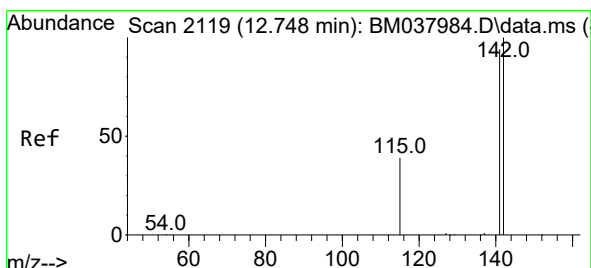
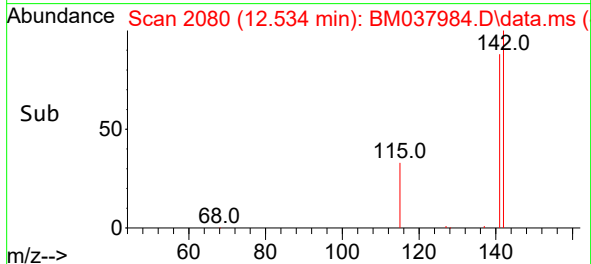
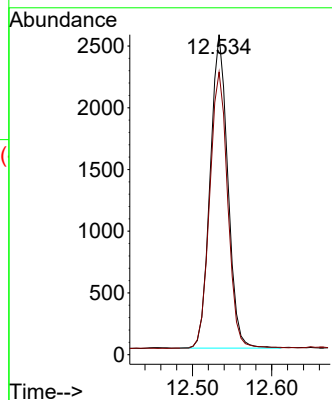
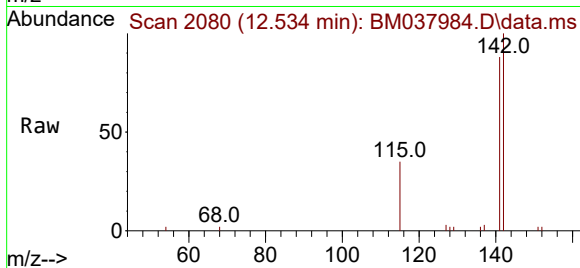
SSTD0.4010

Tgt Ion:142 Resp: 3928

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.378 ng/ul

RT: 12.748 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BM037984.D

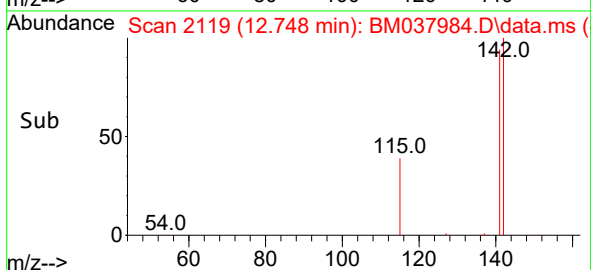
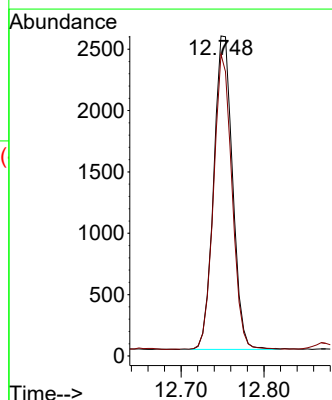
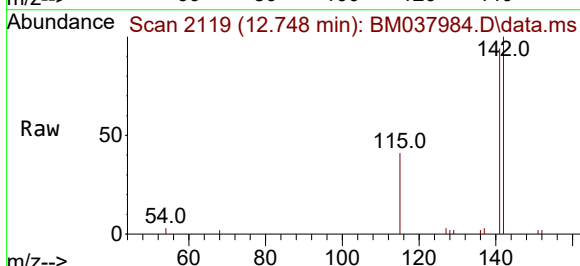
Acq: 13 Dec 2022 14:33

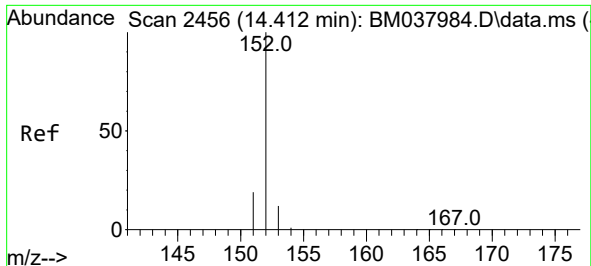
Tgt Ion:142 Resp: 4056

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

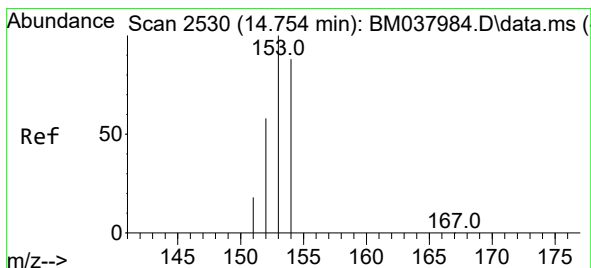
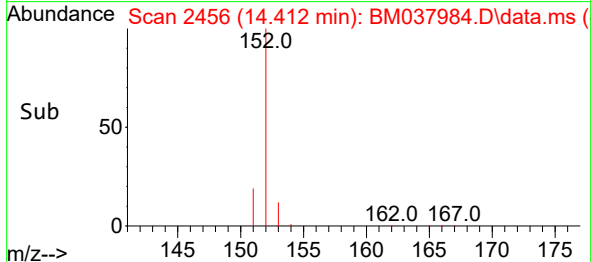
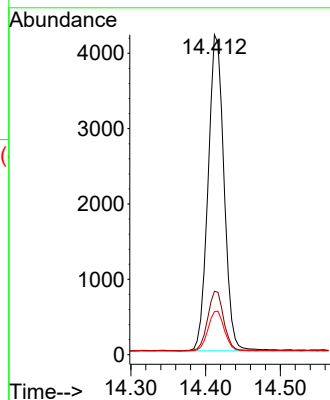
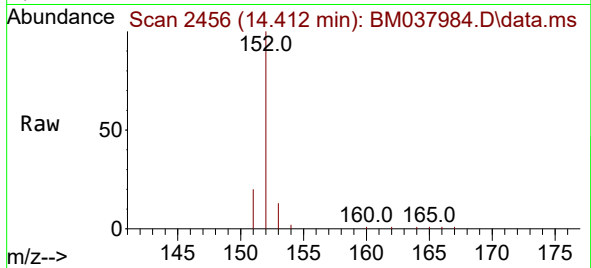




#10
Acenaphthylene
Concen: 0.445 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

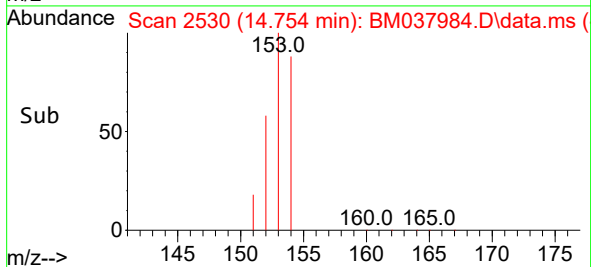
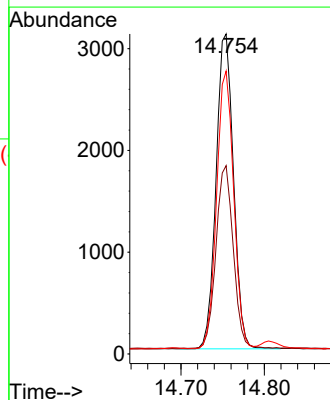
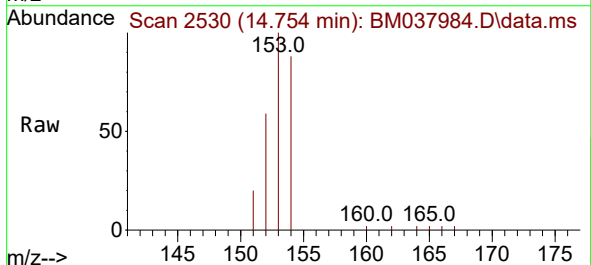
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

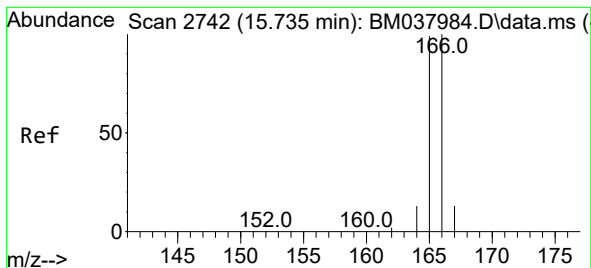
Tgt Ion:152 Resp: 6201
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Tgt Ion:153 Resp: 4474
Ion Ratio Lower Upper
153 100
152 58.9 47.1 70.7
154 88.4 70.7 106.1





#12

Fluorene

Concen: 0.402 ng/ul

RT: 15.735 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037984.D

Acq: 13 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.4010

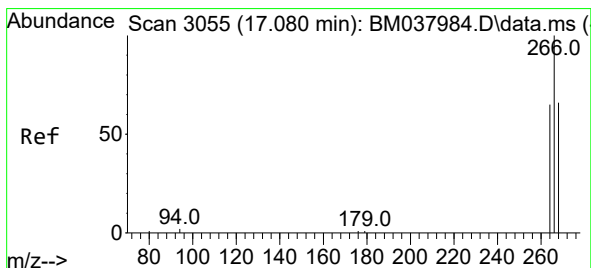
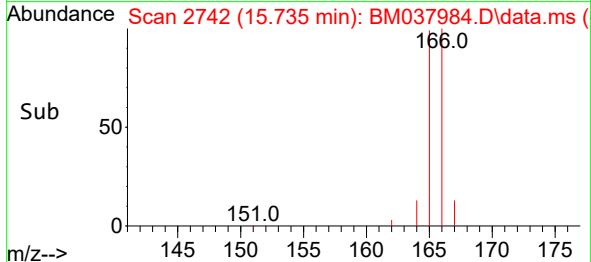
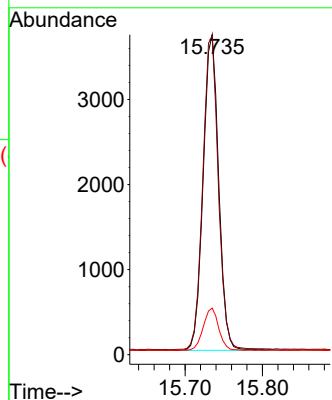
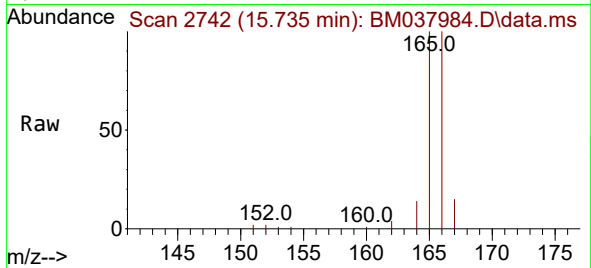
Tgt Ion:166 Resp: 5150

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.6

167 14.6 11.7 17.5



#14

Pentachlorophenol

Concen: 0.483 ng/ul

RT: 17.080 min Scan# 3055

Delta R.T. 0.000 min

Lab File: BM037984.D

Acq: 13 Dec 2022 14:33

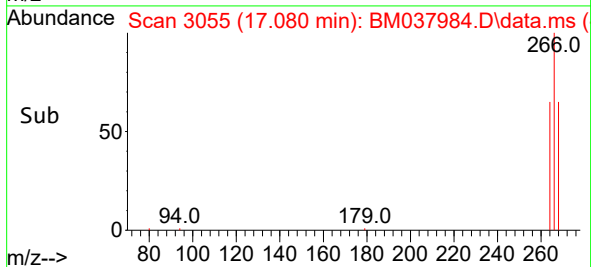
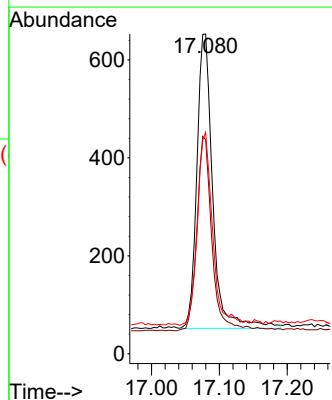
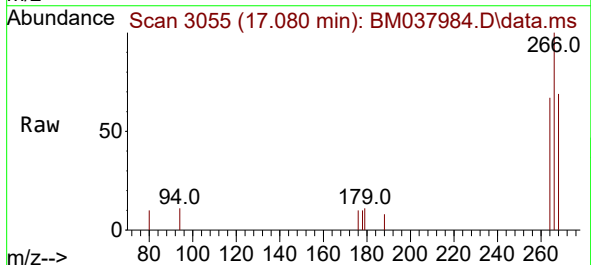
Tgt Ion:266 Resp: 978

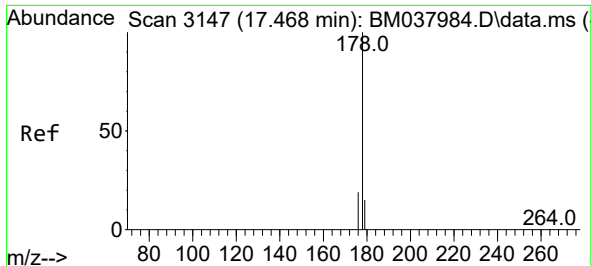
Ion Ratio Lower Upper

266 100

264 63.6 50.9 76.3

268 62.8 50.4 75.6

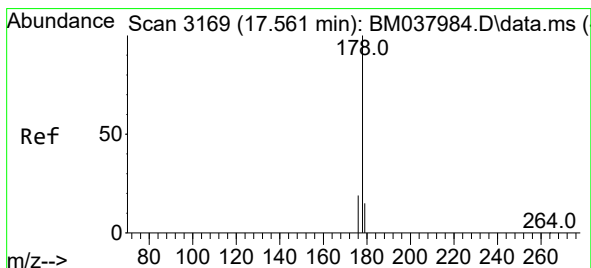
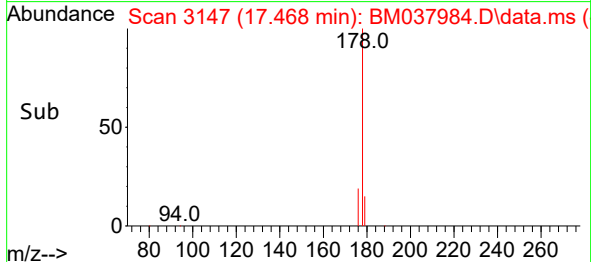
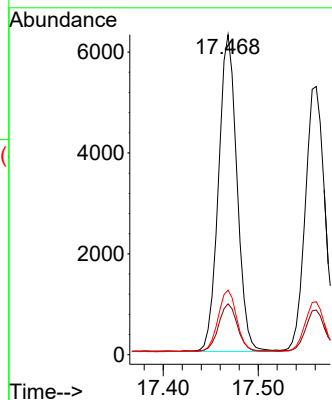
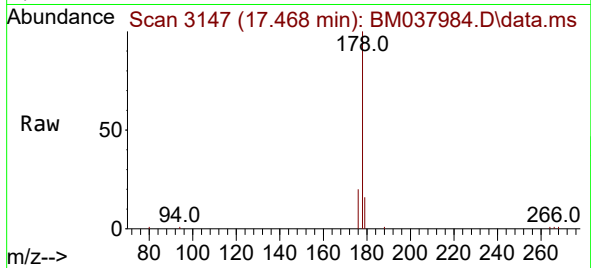




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

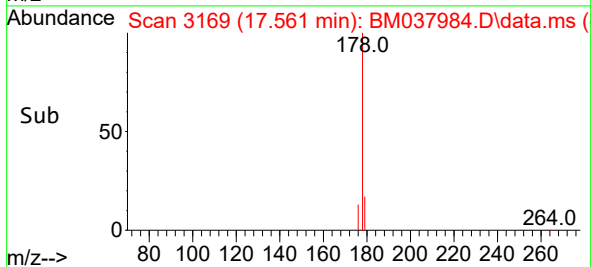
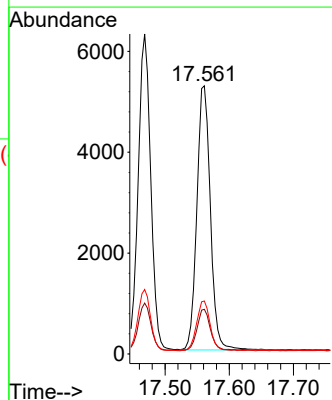
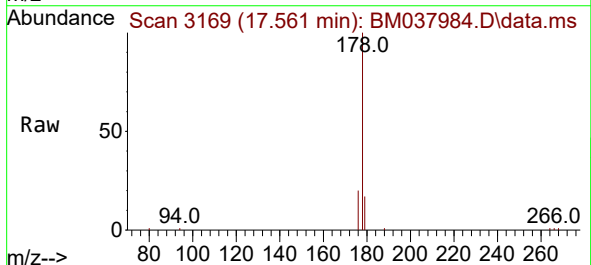
Instrument :
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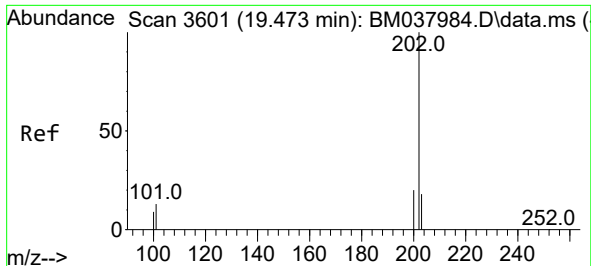
Tgt Ion:178 Resp: 8520
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 20.2 16.2 24.2



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Tgt Ion:178 Resp: 7669
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.0
176 19.7 15.8 23.6

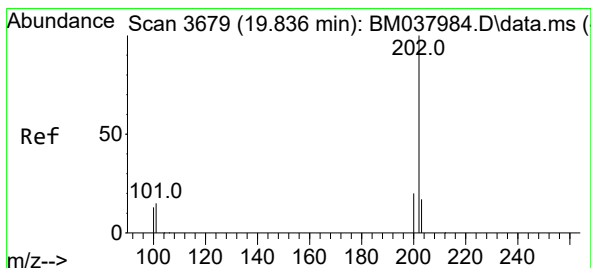
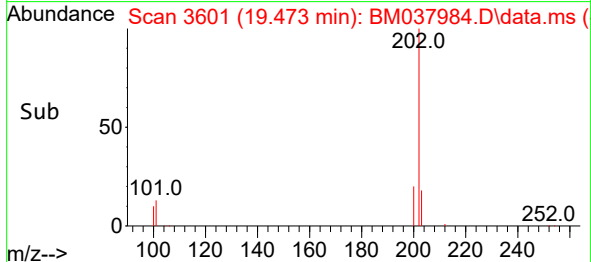
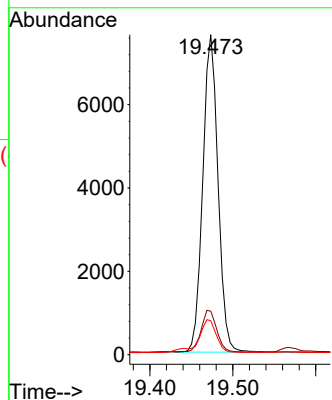
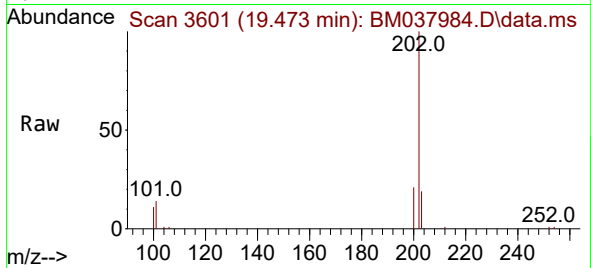




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

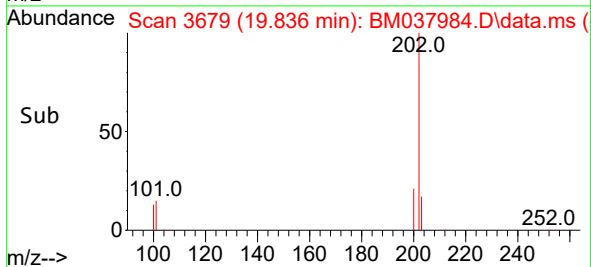
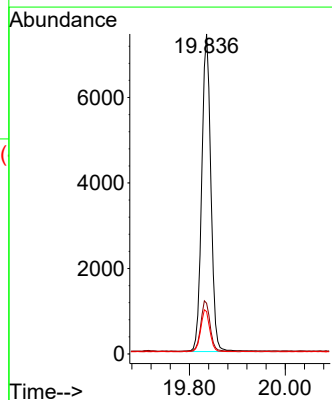
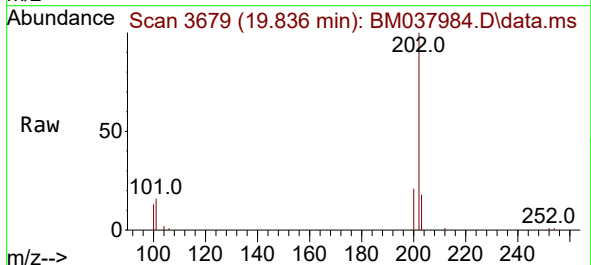
Instrument :
BNA_M
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SSTD0.4010

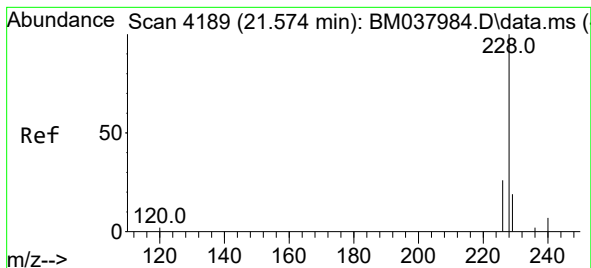
Tgt Ion:202 Resp: 9740
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 10.6 8.5 12.7



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Tgt Ion:202 Resp: 9842
Ion Ratio Lower Upper
202 100
101 15.8 12.6 19.0
100 13.2 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.366 ng/ul

RT: 21.574 min Scan# 4189

Delta R.T. 0.000 min

Lab File: BM037984.D

Acq: 13 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.4010

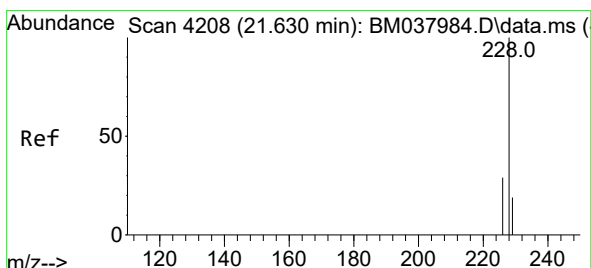
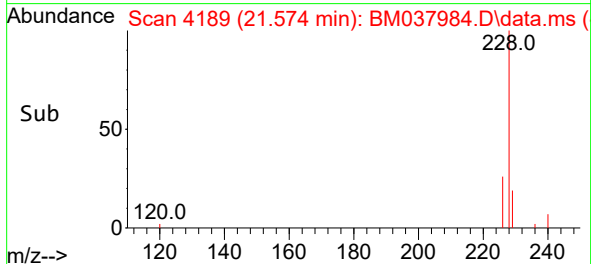
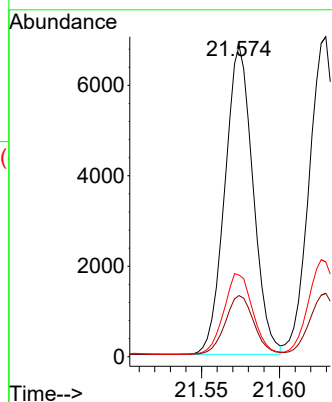
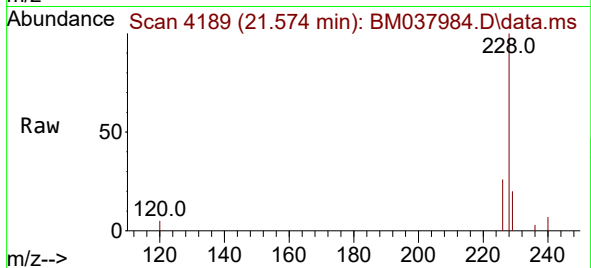
Tgt Ion:228 Resp: 8559

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 26.2 21.0 31.4



#22

Chrysene

Concen: 0.382 ng/ul

RT: 21.630 min Scan# 4208

Delta R.T. 0.000 min

Lab File: BM037984.D

Acq: 13 Dec 2022 14:33

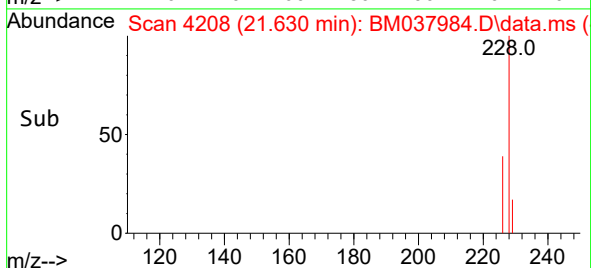
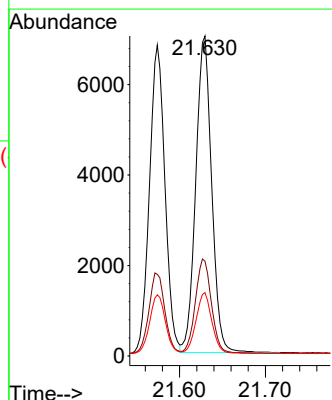
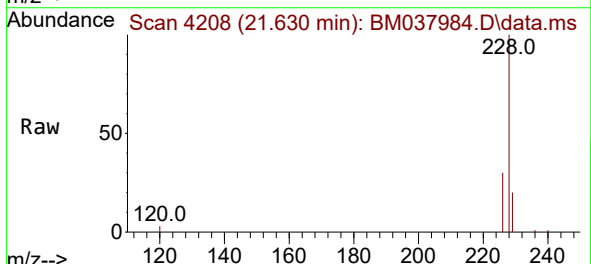
Tgt Ion:228 Resp: 9006

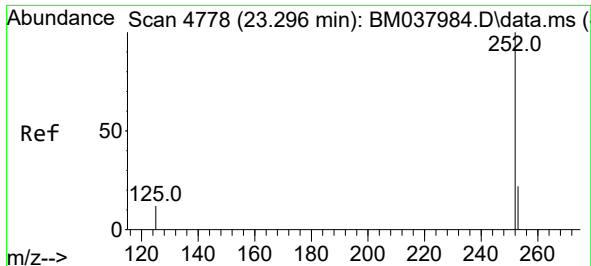
Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.8 15.8 23.8

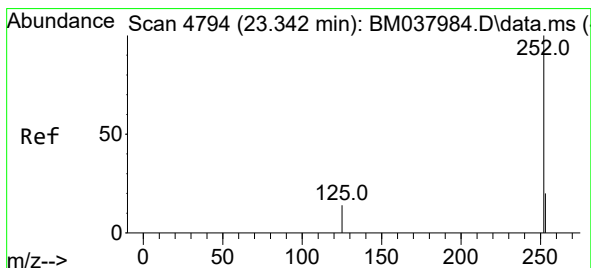
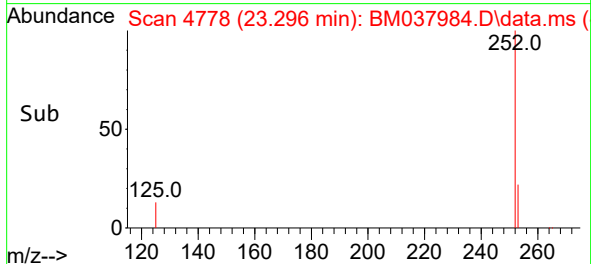
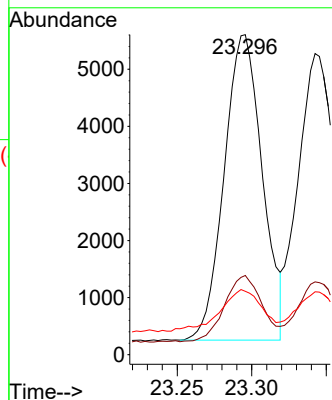
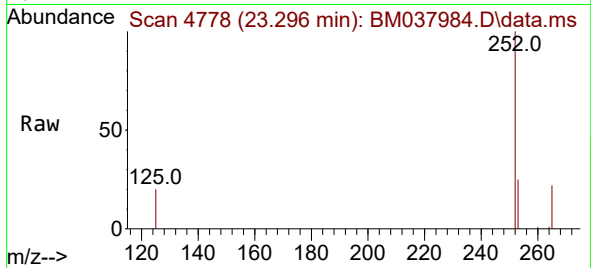




#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.296 min Scan# 4778
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

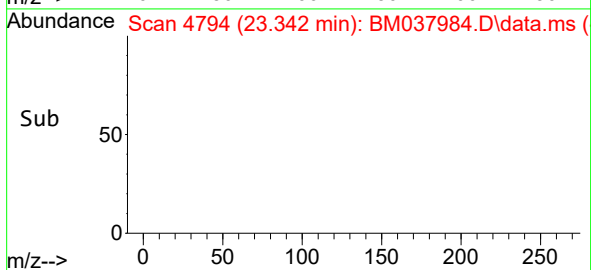
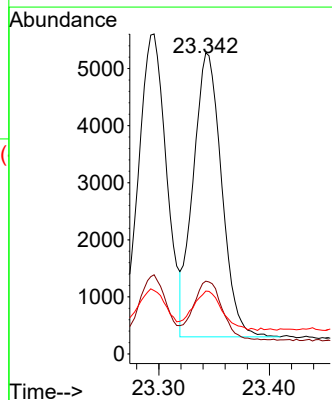
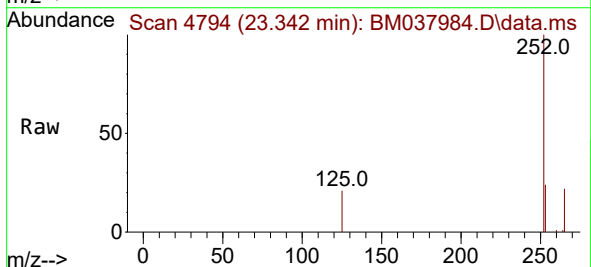
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

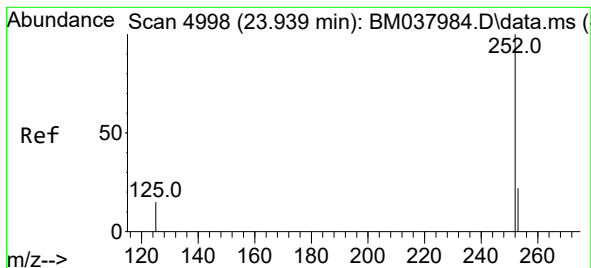
Tgt Ion:252 Resp: 9500
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.6
125 19.8 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Tgt Ion:252 Resp: 8880
Ion Ratio Lower Upper
252 100
253 24.2 19.4 29.0
125 20.9 16.7 25.1





#26

Benzo(a)pyrene

Concen: 0.389 ng/ul

RT: 23.939 min Scan# 4998

Delta R.T. 0.000 min

Lab File: BM037984.D

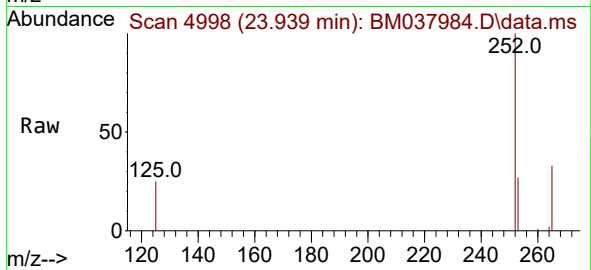
Acq: 13 Dec 2022 14:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.4010



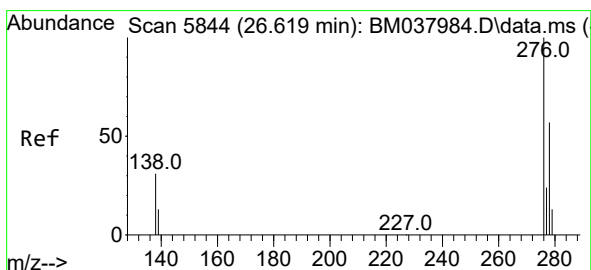
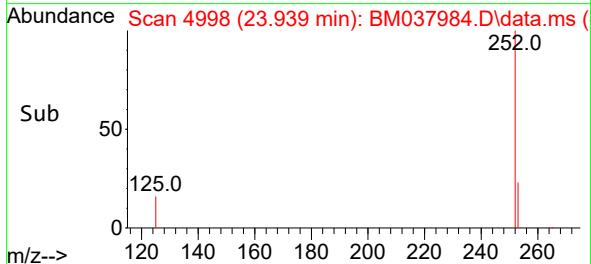
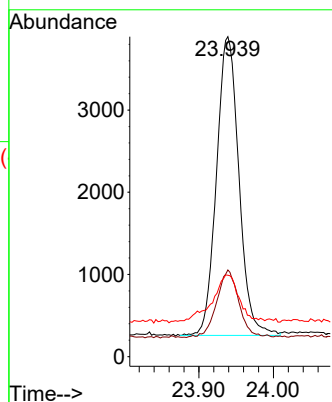
Tgt Ion:252 Resp: 7599

Ion Ratio Lower Upper

252 100

253 27.1 21.7 32.5

125 25.5 20.4 30.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.369 ng/ul

RT: 26.619 min Scan# 5844

Delta R.T. 0.000 min

Lab File: BM037984.D

Acq: 13 Dec 2022 14:33

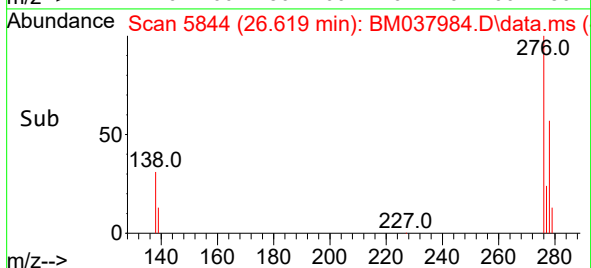
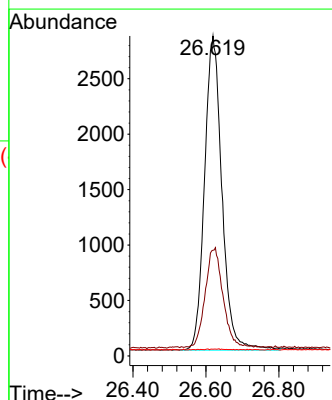
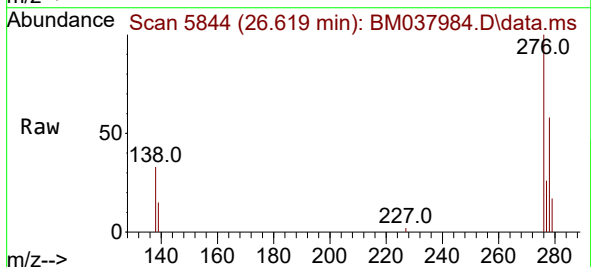
Tgt Ion:276 Resp: 9415

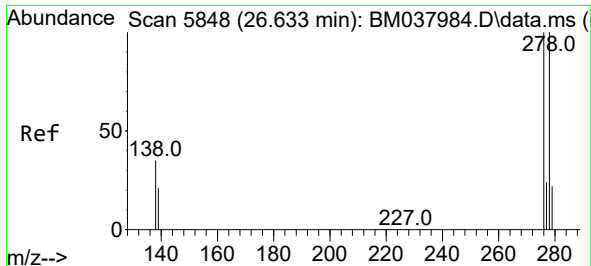
Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

227 0.1 0.1 0.1

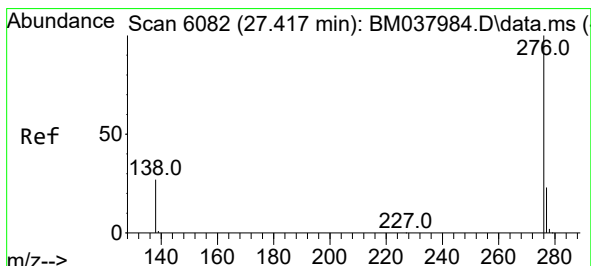
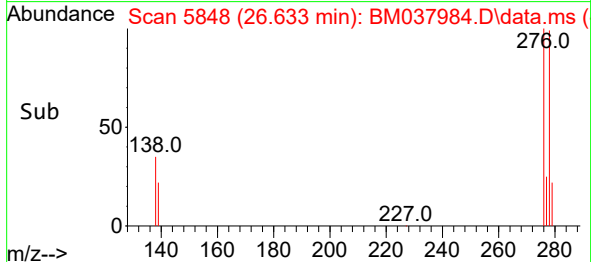
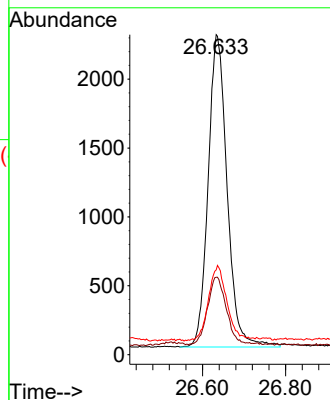
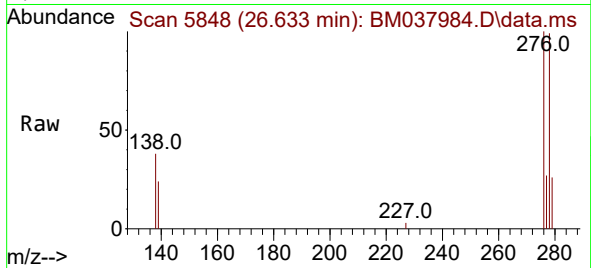




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.633 min Scan# 5848
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:278 Resp: 7187
Ion Ratio Lower Upper
278 100
139 24.2 19.4 29.0
279 26.5 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 27.417 min Scan# 6082
Delta R.T. 0.000 min
Lab File: BM037984.D
Acq: 13 Dec 2022 14:33

Tgt Ion:276 Resp: 7839
Ion Ratio Lower Upper
276 100
138 29.4 23.5 35.3
277 25.0 20.0 30.0

