

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030623\
 Data File : BM038870.D
 Acq On : 06 Mar 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4074

Quant Time: Mar 07 02:27:39 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:01:14 2023
 Response via : Initial Calibration

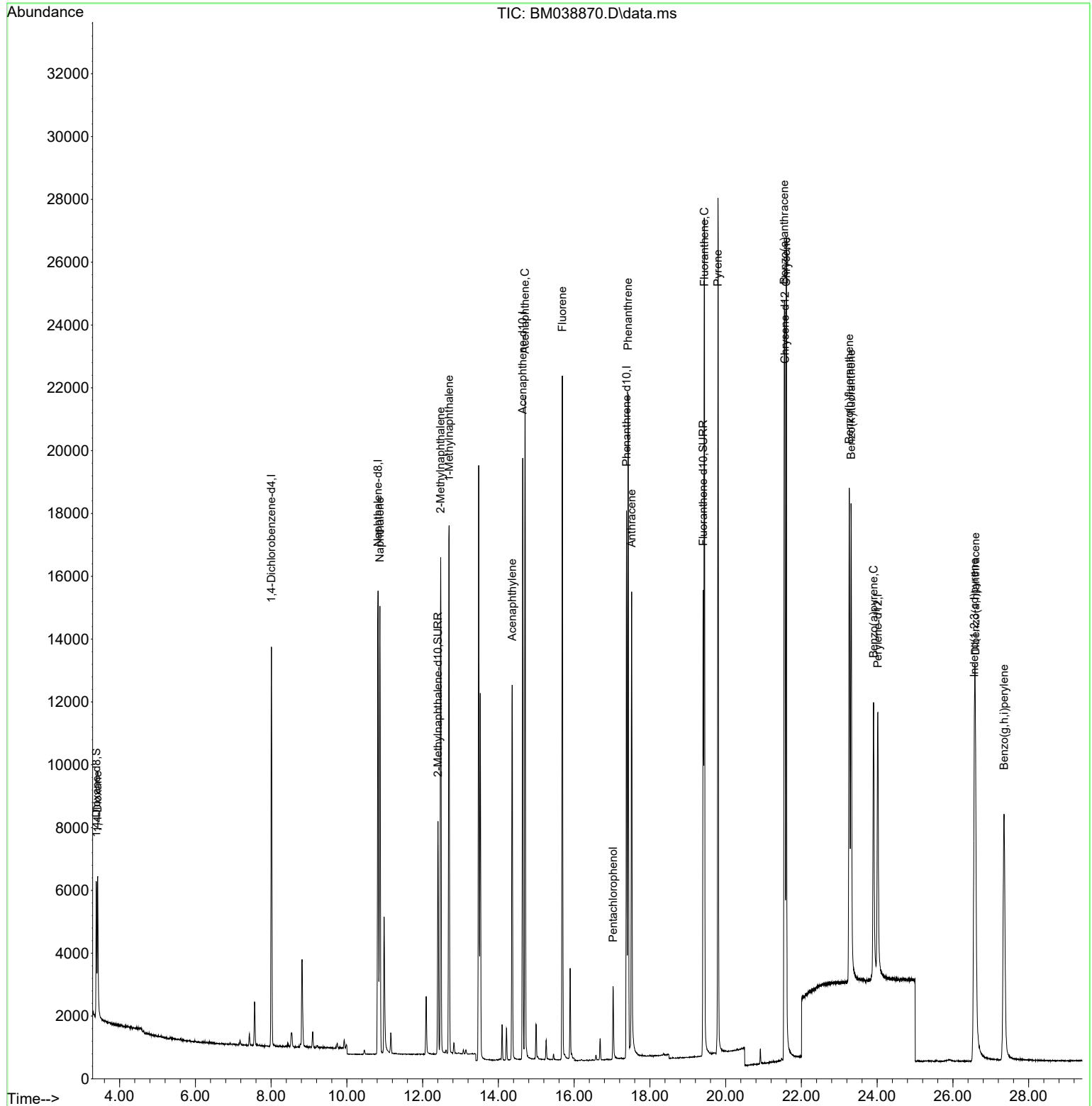
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	6233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	19542	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	9923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	20366	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	16559	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	12864	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	3003	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9354	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	16356	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	3044	0.426	ng/ul	91
5) Naphthalene	10.872	128	18903	0.405	ng/ul	100
7) 2-Methylnaphthalene	12.477	142	11142	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.697	142	11606	0.390	ng/ul	100
10) Acenaphthylene	14.364	152	13711	0.380	ng/ul	100
11) Acenaphthene	14.702	153	11986	0.404	ng/ul	99
12) Fluorene	15.688	166	13436	0.401	ng/ul	98
14) Pentachlorophenol	17.028	266	1698	0.346	ng/ul	99
15) Phenanthrene	17.425	178	21623	0.402	ng/ul	99
16) Anthracene	17.518	178	17119	0.386	ng/ul	99
19) Fluoranthene	19.440	202	23359	0.417	ng/ul	99
20) Pyrene	19.798	202	23409	0.406	ng/ul	100
21) Benzo(a)anthracene	21.547	228	18639	0.398	ng/ul	100
22) Chrysene	21.600	228	23226	0.412	ng/ul	99
24) Benzo(b)fluoranthene	23.263	252	21364	0.425	ng/ul	100
25) Benzo(k)fluoranthene	23.312	252	21575	0.429	ng/ul	99
26) Benzo(a)pyrene	23.903	252	16104	0.402	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.565	276	20421	0.403	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.592	278	15824	0.410	ng/ul	98
29) Benzo(g,h,i)perylene	27.350	276	18998	0.402	ng/ul	99

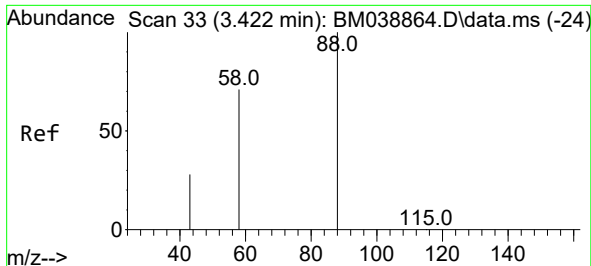
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030623\
Data File : BM038870.D
Acq On : 06 Mar 2023 14:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

Quant Time: Mar 07 02:27:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:01:14 2023
Response via : Initial Calibration

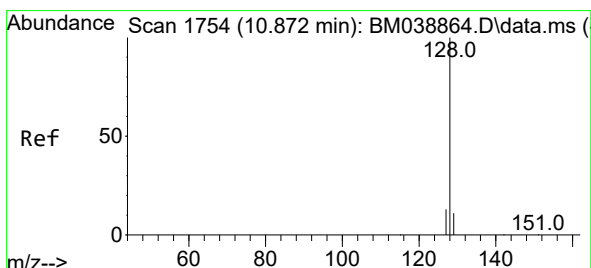
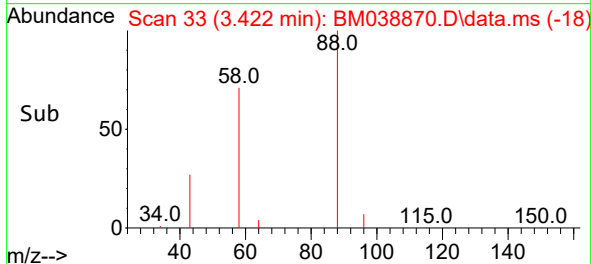
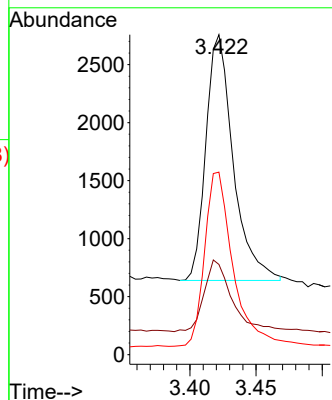
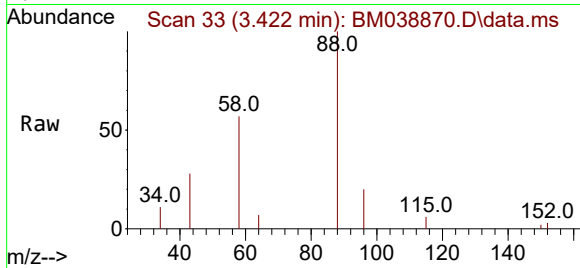




#2
1,4-Dioxane
Concen: 0.426 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

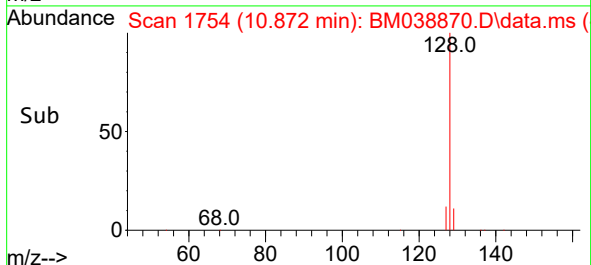
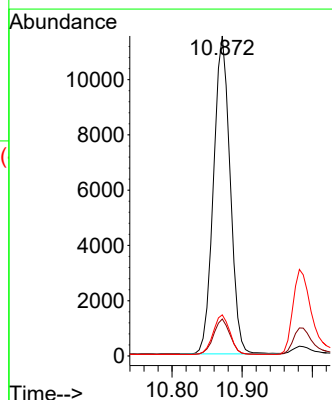
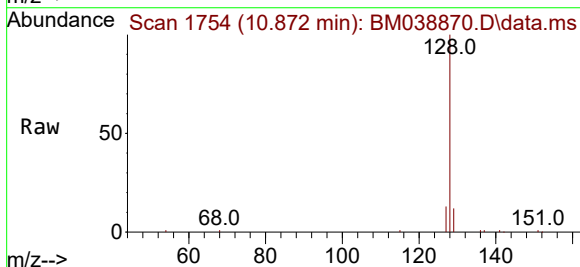
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

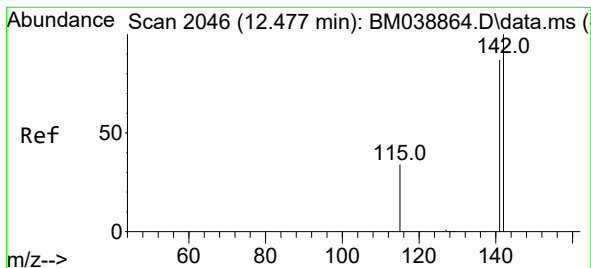
Tgt Ion: 88 Resp: 3044
Ion Ratio Lower Upper
88 100
43 28.2 27.2 40.8
58 57.0 50.8 76.2



#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.872 min Scan# 1754
Delta R.T. -0.003 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion: 128 Resp: 18903
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 12.8 10.3 15.5

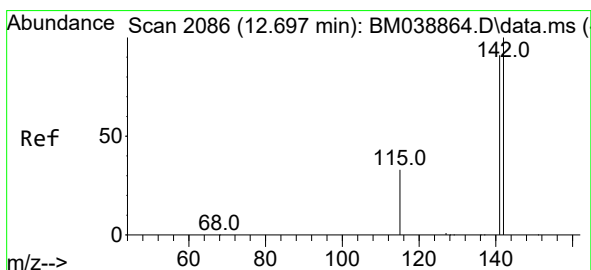
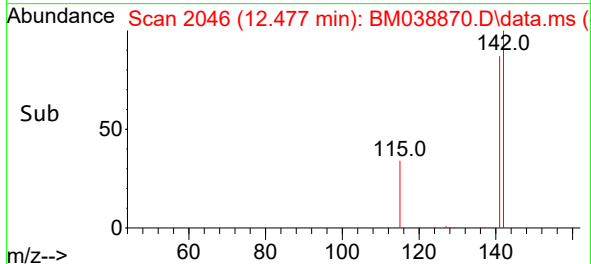
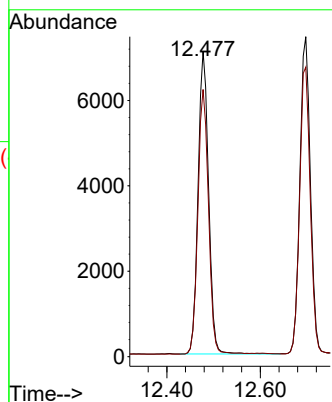
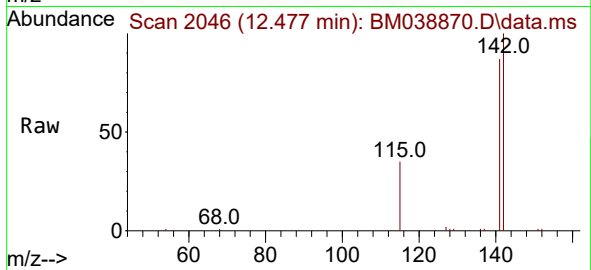




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.477 min Scan# 2046
Delta R.T. -0.003 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

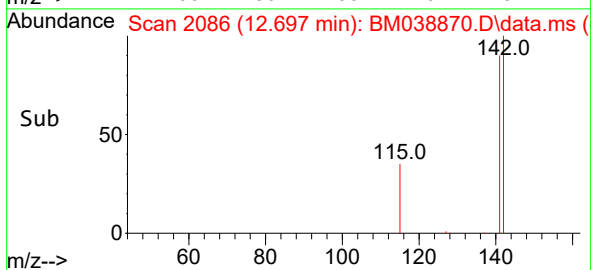
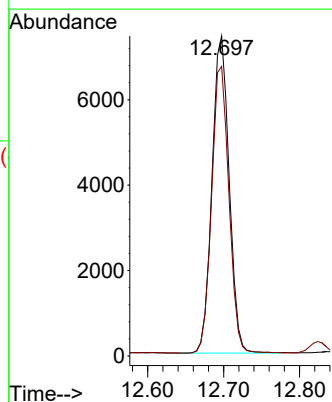
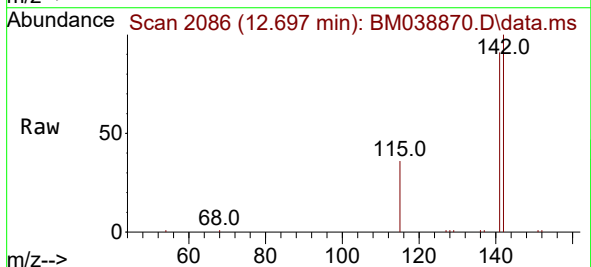
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

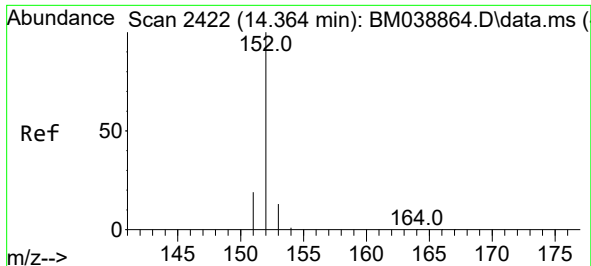
Tgt Ion:142 Resp: 11142
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.003 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:142 Resp: 11606
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3

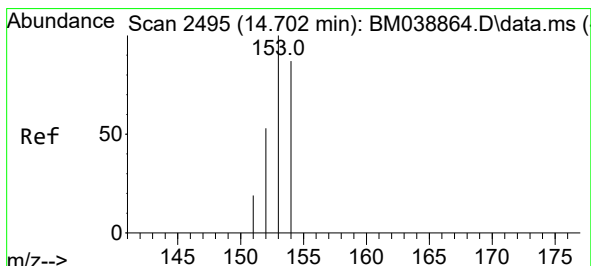
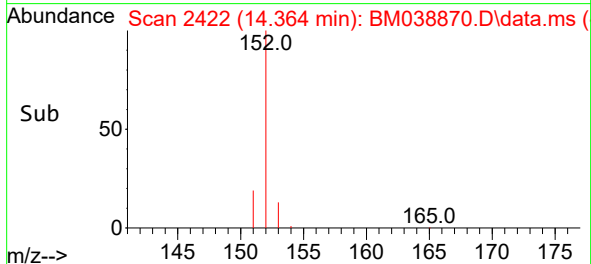
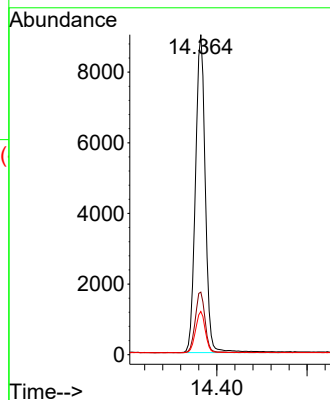
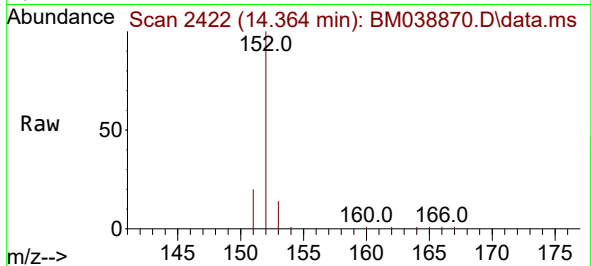




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.364 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

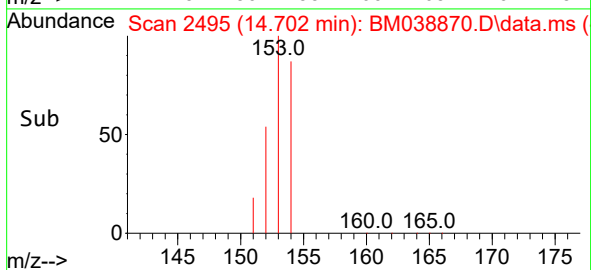
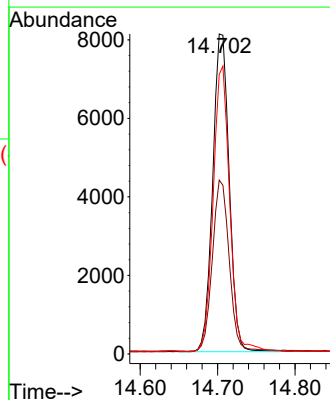
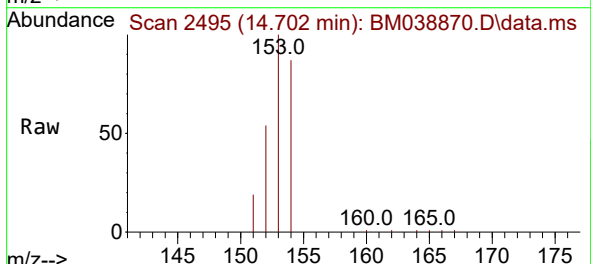
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

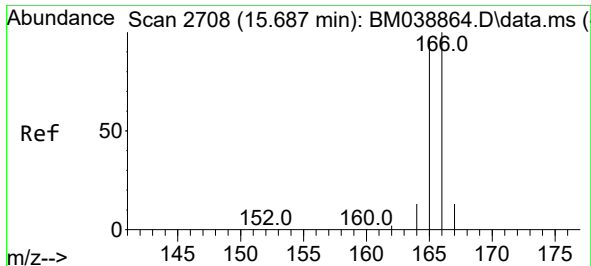
Tgt Ion:	152	Resp:	13711
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.6	23.4
153	13.5	10.6	15.8



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.702 min Scan# 2495
Delta R.T. -0.003 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:	153	Resp:	11986
Ion Ratio	Lower	Upper	
153	100		
152	54.4	44.2	66.2
154	87.4	70.6	105.8

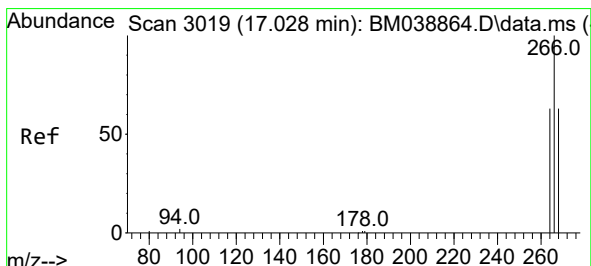
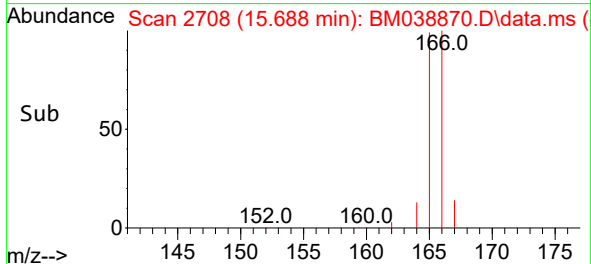
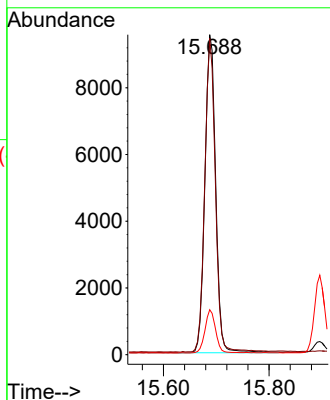
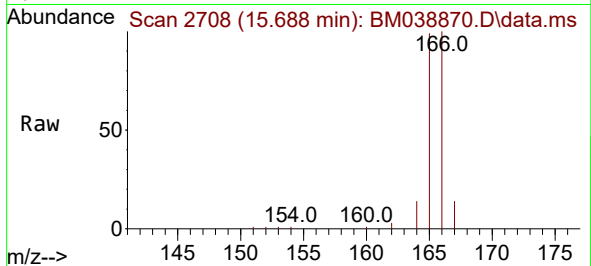




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

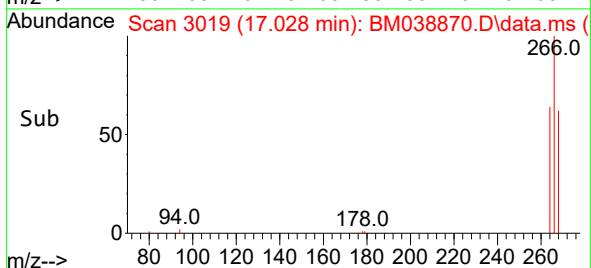
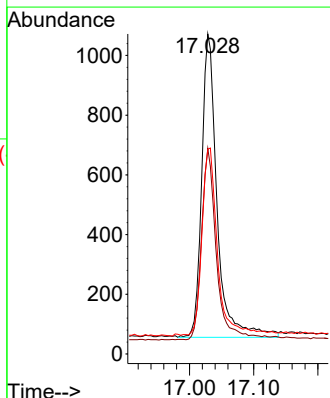
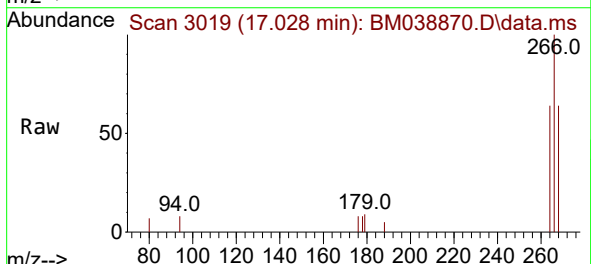
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

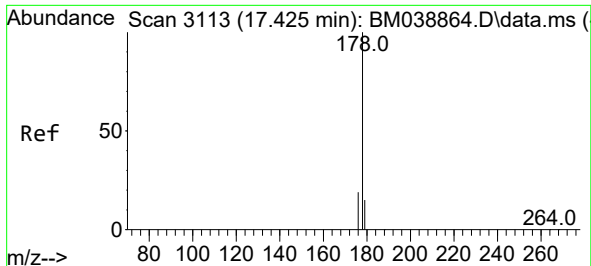
Tgt Ion:166 Resp: 13436
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.6
167 14.1 11.4 17.2



#14
Pentachlorophenol
Concen: 0.346 ng/ul
RT: 17.028 min Scan# 3019
Delta R.T. -0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:266 Resp: 1698
Ion Ratio Lower Upper
266 100
264 61.5 50.2 75.2
268 61.7 50.2 75.4

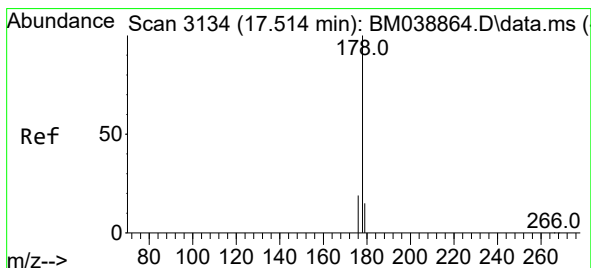
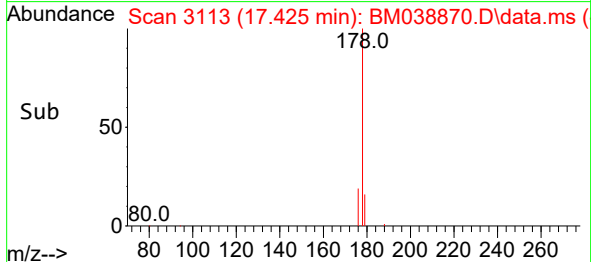
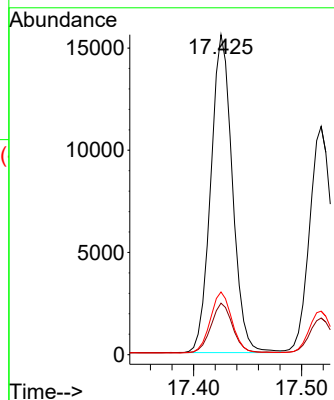
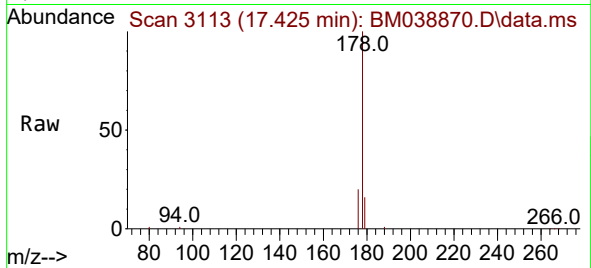




#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.425 min Scan# 3113
Delta R.T. -0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

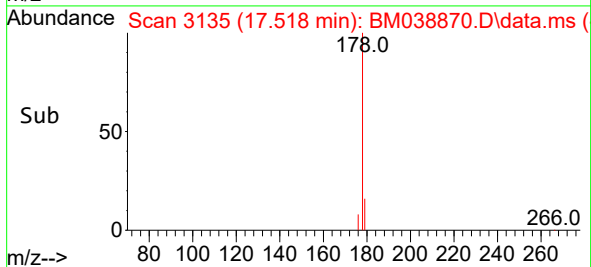
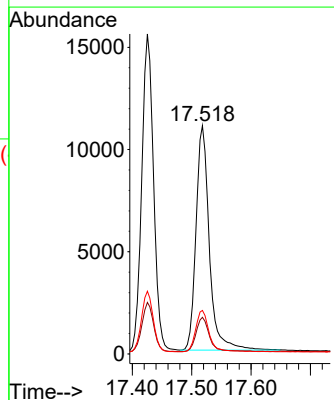
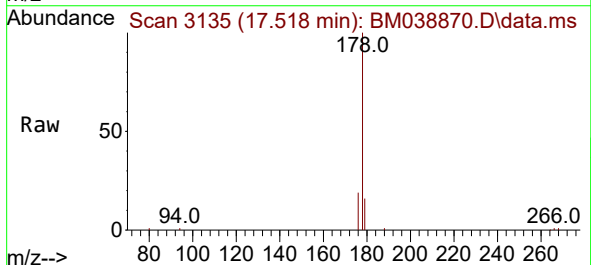
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

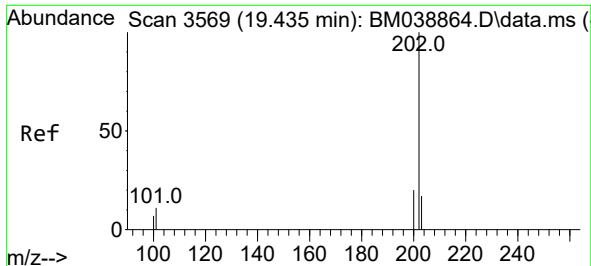
Tgt Ion:	178	Resp:	21623
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.7	19.1
176	19.6	15.9	23.9



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.518 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:	178	Resp:	17119
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.0	19.6
176	19.1	15.4	23.2

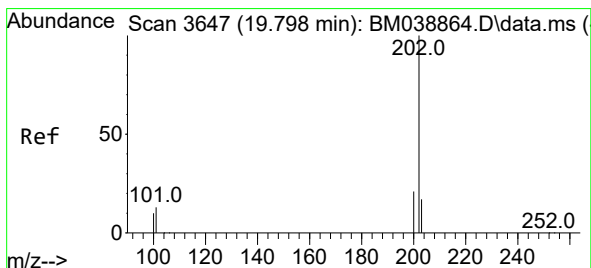
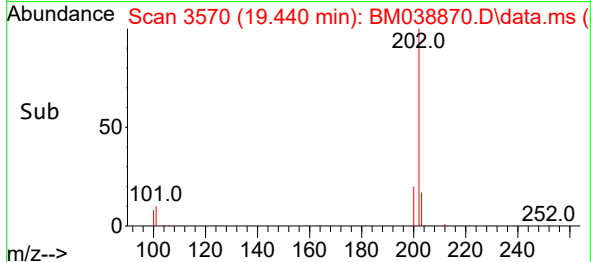
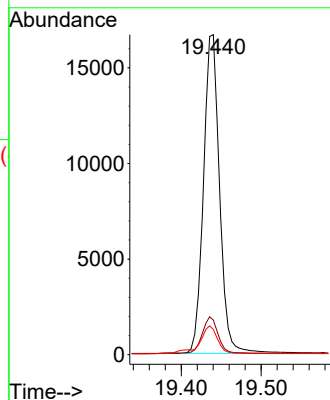
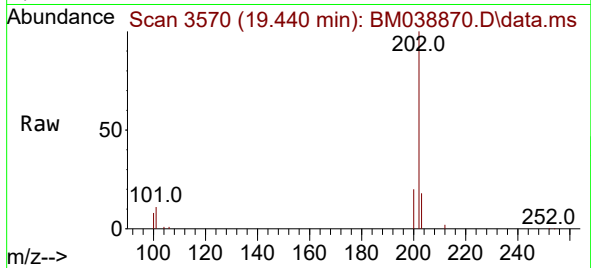




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.440 min Scan# 3570
Delta R.T. 0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

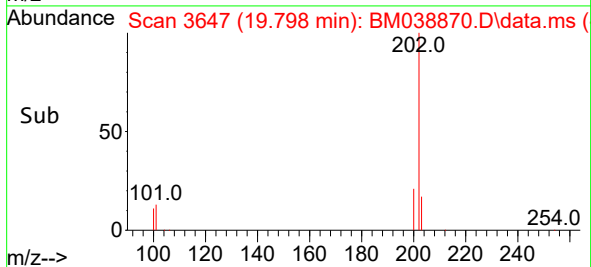
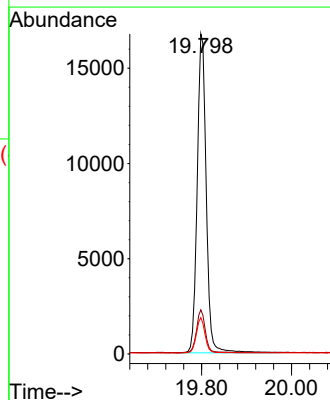
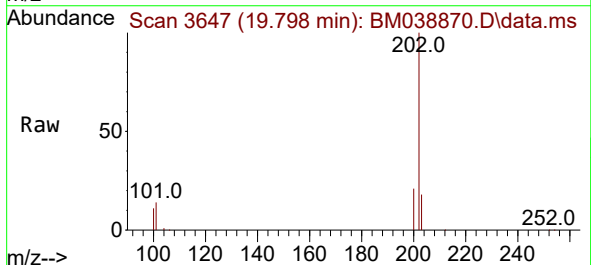
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

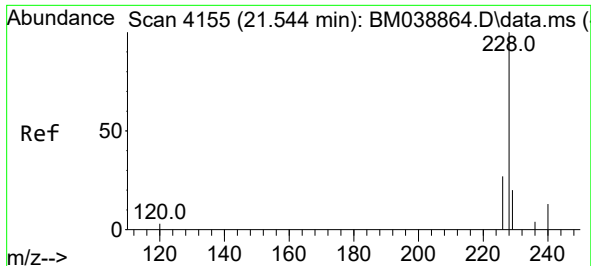
Tgt Ion:202 Resp: 23359
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 7.9 6.8 10.2



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.798 min Scan# 3647
Delta R.T. 0.002 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:202 Resp: 23409
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.4 9.0 13.6

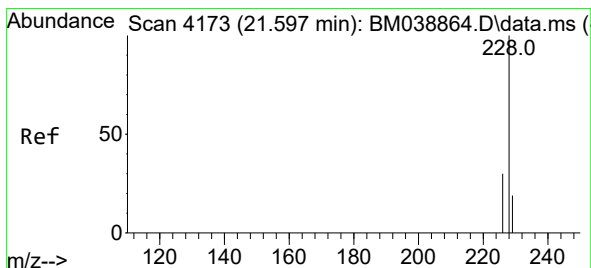
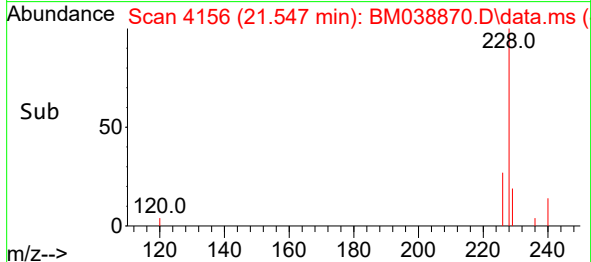
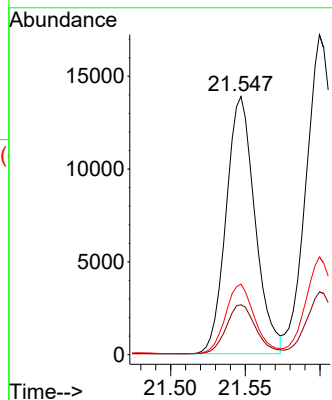
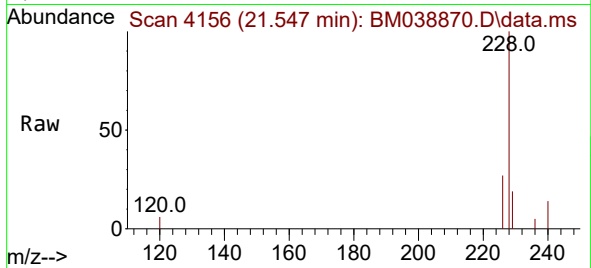




#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.547 min Scan# 4155
Delta R.T. 0.003 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

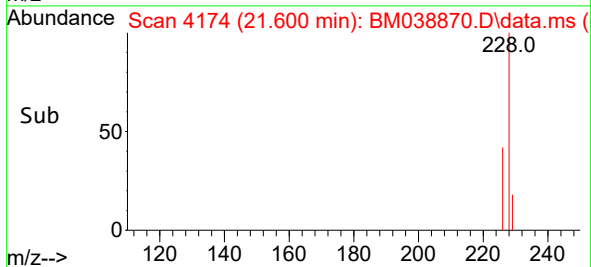
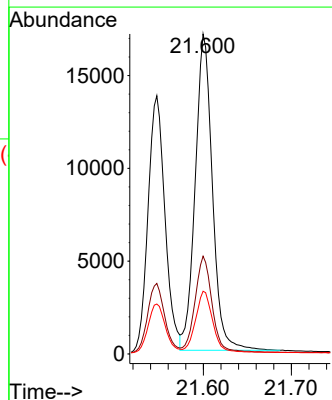
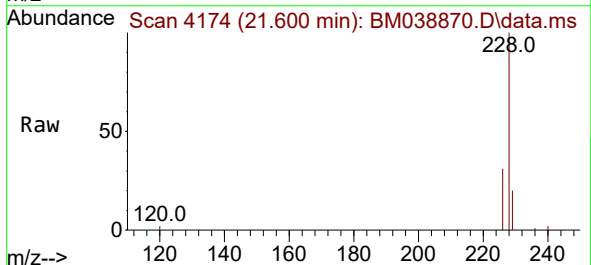
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

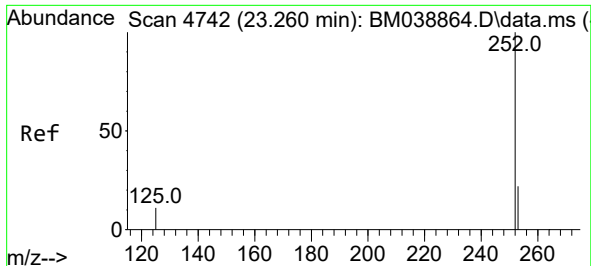
Tgt Ion:228 Resp: 18639
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.600 min Scan# 4174
Delta R.T. 0.000 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:228 Resp: 23226
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 19.6 15.7 23.5

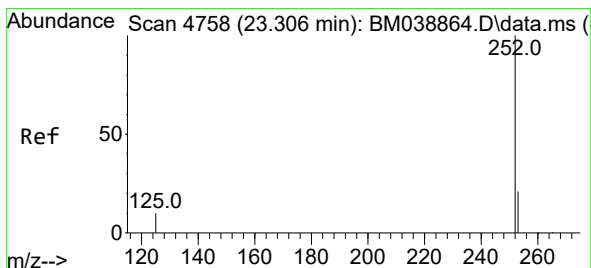
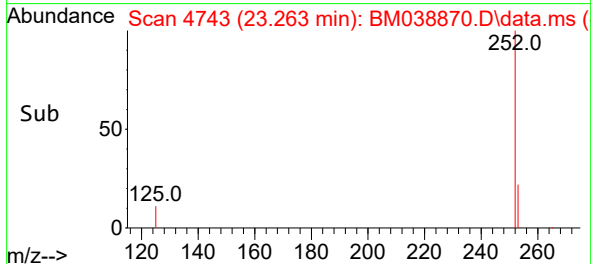
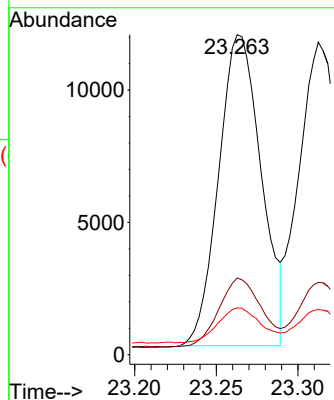
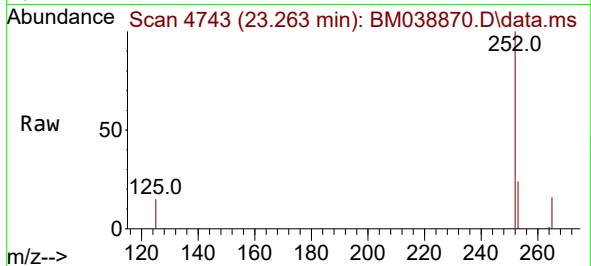




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 23.263 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

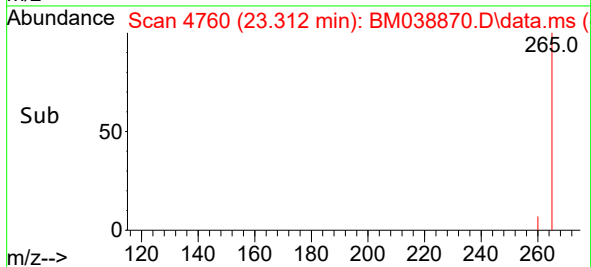
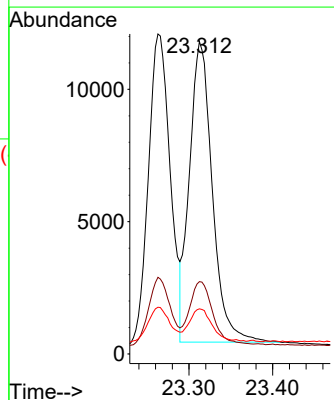
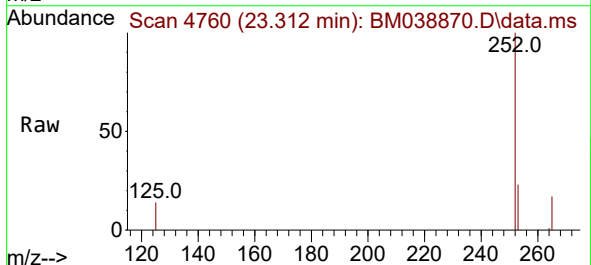
Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

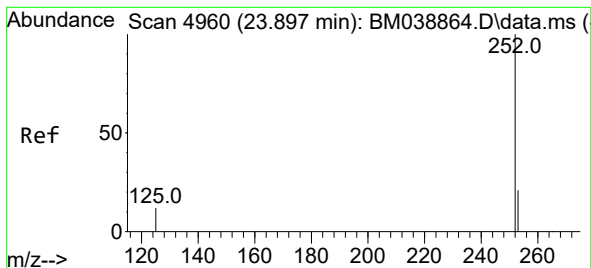
Tgt Ion:252 Resp: 21364
Ion Ratio Lower Upper
252 100
253 23.9 0.0 47.6
125 14.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.312 min Scan# 4760
Delta R.T. 0.000 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion:252 Resp: 21575
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 14.4 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 23.903 min Scan# 4962

Delta R.T. 0.003 min

Lab File: BM038870.D

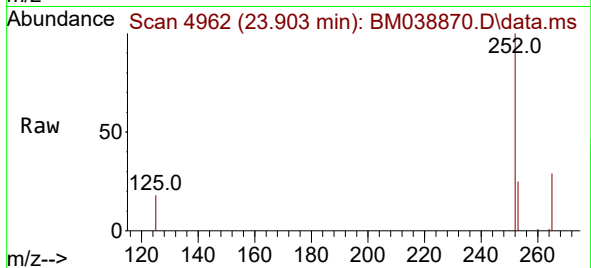
Acq: 06 Mar 2023 14:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.4074



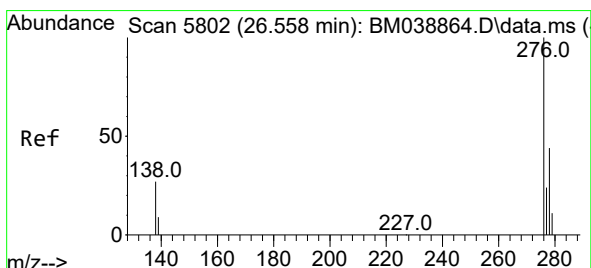
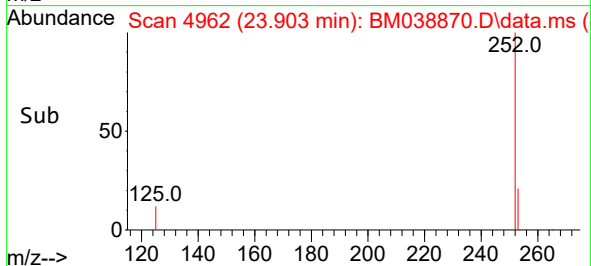
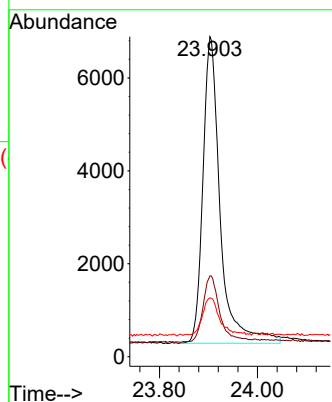
Tgt Ion:252 Resp: 16104

Ion Ratio Lower Upper

252 100

253 25.3 20.3 30.5

125 18.4 14.0 21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng/ul

RT: 26.565 min Scan# 5804

Delta R.T. -0.003 min

Lab File: BM038870.D

Acq: 06 Mar 2023 14:15

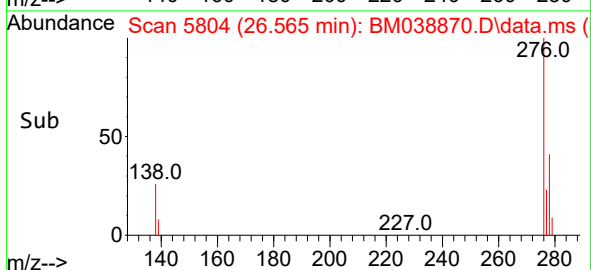
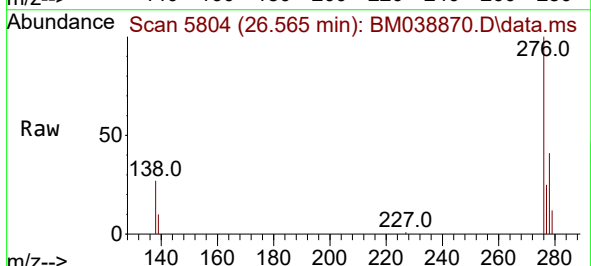
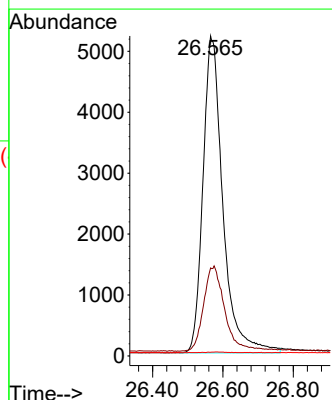
Tgt Ion:276 Resp: 20421

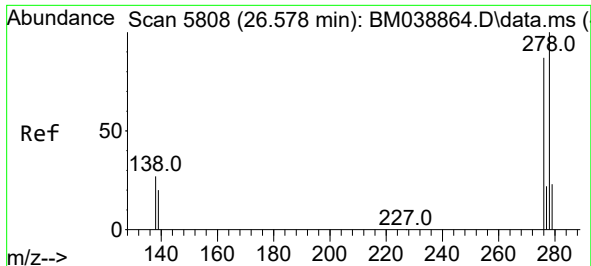
Ion Ratio Lower Upper

276 100

138 0.0 22.2 33.4#

227 0.0 0.2 0.2#

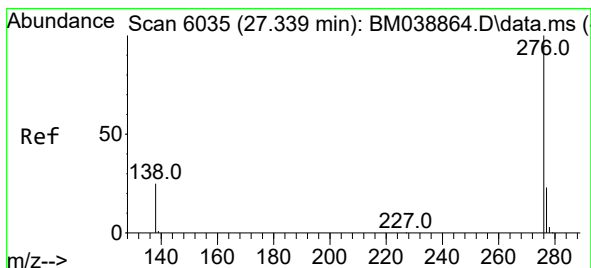
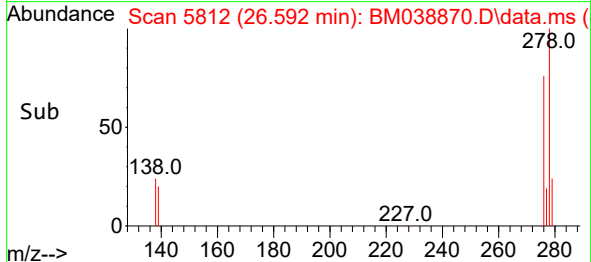
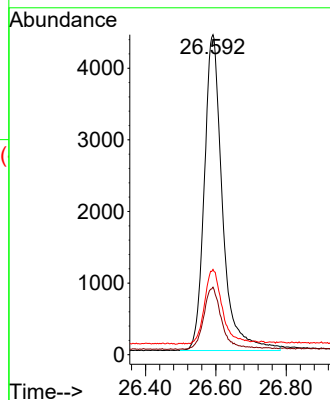
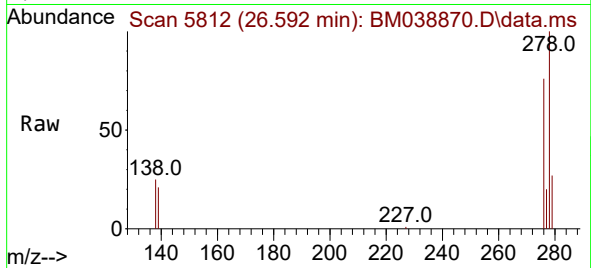




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.592 min Scan# 5812
Delta R.T. 0.004 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Instrument :
BNA_M
ClientSampleId :
SSTD0.4074

Tgt Ion: 278 Resp: 15824
Ion Ratio Lower Upper
278 100
139 21.1 16.0 24.0
279 26.7 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.350 min Scan# 6038
Delta R.T. 0.007 min
Lab File: BM038870.D
Acq: 06 Mar 2023 14:15

Tgt Ion: 276 Resp: 18998
Ion Ratio Lower Upper
276 100
138 26.0 20.2 30.4
277 24.8 19.8 29.8

