

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040848.D
 Acq On : 12 Jul 2023 23:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4174

Quant Time: Jul 13 00:14:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

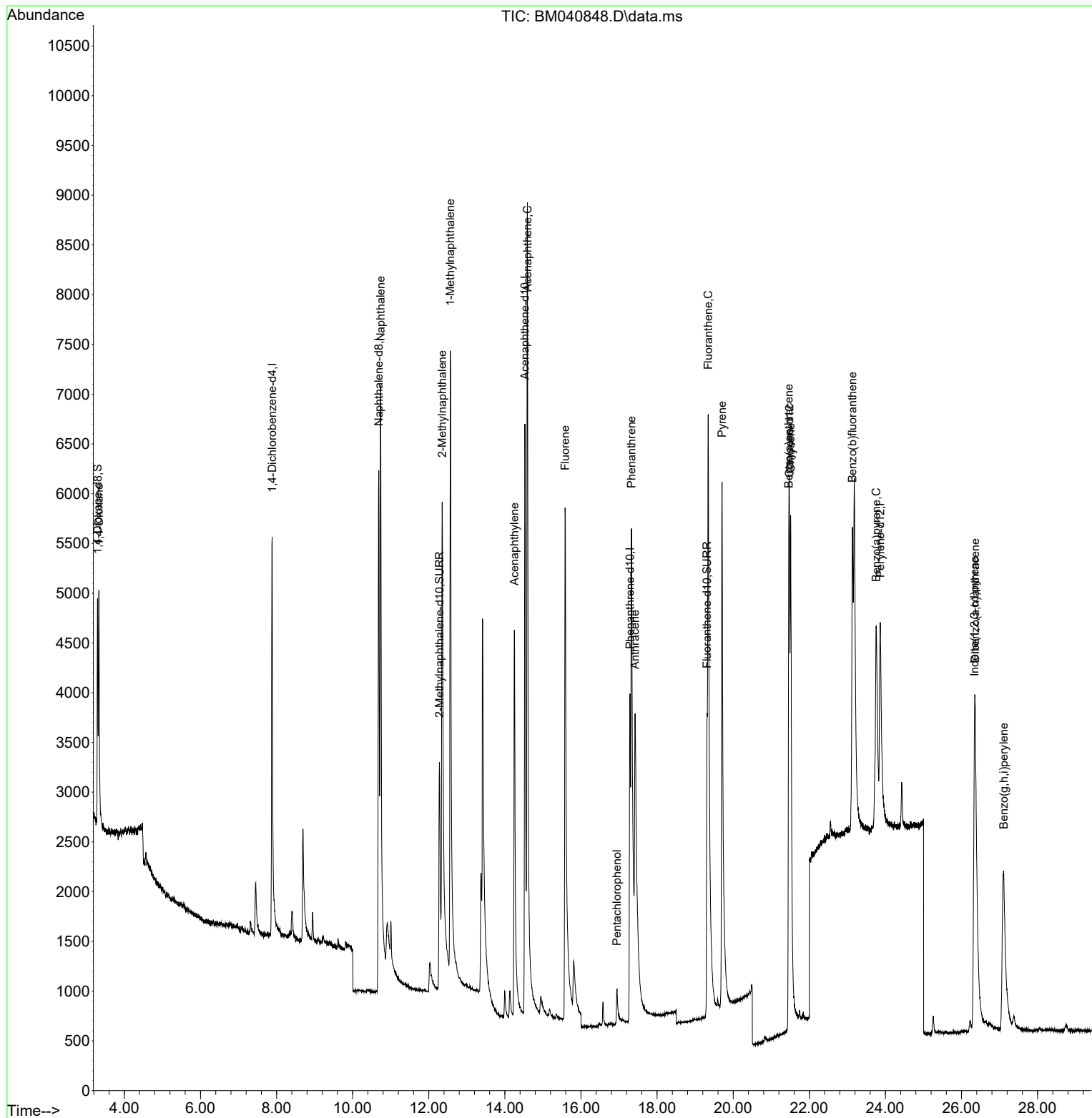
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	2739	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	10813	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	4630	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	6865	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	4961	0.400	ng/ul	0.00
23) Perylene-d12	23.866	264	4253	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1655	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	5560	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	6389	0.402	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.330	88	1515	0.346	ng/ul#	90
5) Naphthalene	10.735	128	11137	0.373	ng/ul	98
7) 2-Methylnaphthalene	12.352	142	6269	0.358	ng/ul	98
8) 1-Methylnaphthalene	12.566	142	5962	0.341	ng/ul	98
10) Acenaphthylene	14.250	152	7609	0.368	ng/ul	95
11) Acenaphthene	14.592	153	6539	0.374	ng/ul	99
12) Fluorene	15.587	166	6602	0.354	ng/ul	99
14) Pentachlorophenol	16.945	266	496	0.375	ng/ul	94
15) Phenanthrene	17.329	178	8120	0.381	ng/ul	97
16) Anthracene	17.422	178	7244	0.404	ng/ul	94
19) Fluoranthene	19.343	202	8143	0.386	ng/ul	97
20) Pyrene	19.706	202	8900	0.394	ng/ul	96
21) Benzo(a)anthracene	21.460	228	5568	0.332	ng/ul	97
22) Chrysene	21.510	228	6896	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.135	252	6774	0.412	ng/ul	85
26) Benzo(a)pyrene	23.757	252	5692	0.384	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.341	276	7475	0.362	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.361	278	5709	0.353	ng/ul#	89
29) Benzo(g,h,i)perylene	27.109	276	6467	0.357	ng/ul	94

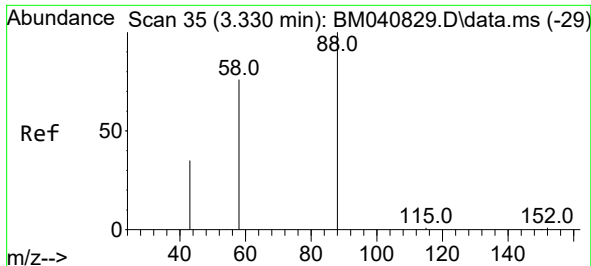
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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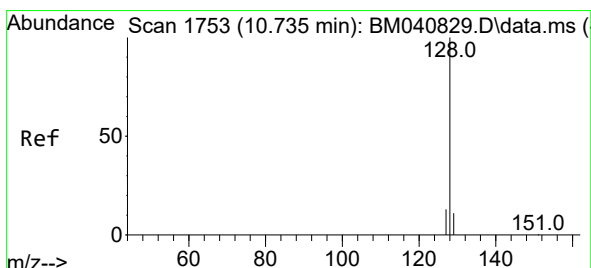
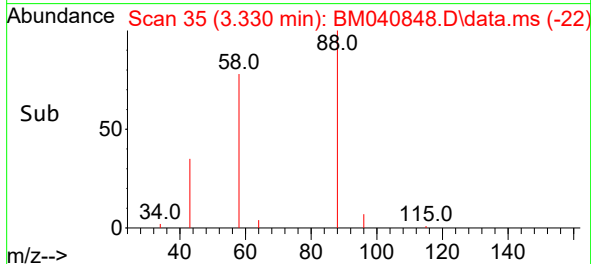
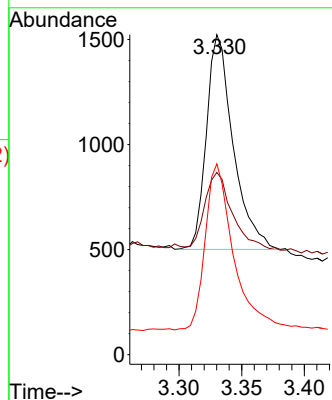
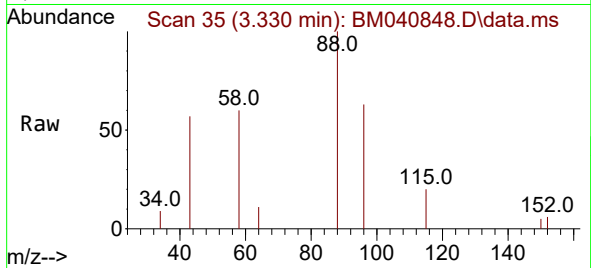




#2
1,4-Dioxane
Concen: 0.346 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

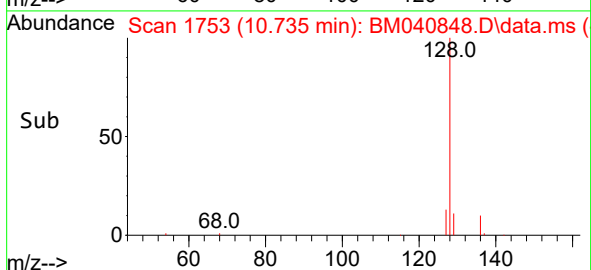
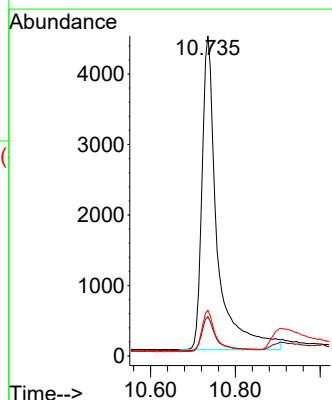
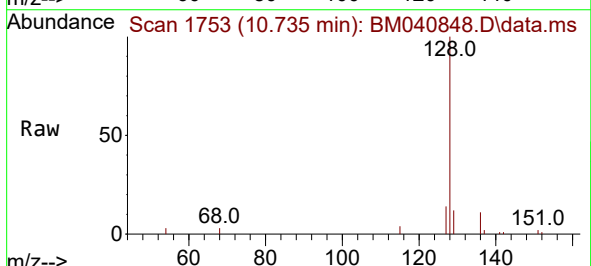
Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

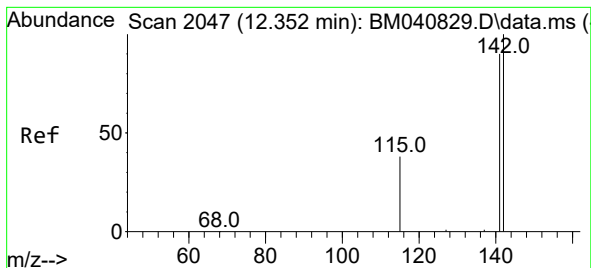
Tgt Ion: 88 Resp: 1515
Ion Ratio Lower Upper
88 100
43 56.9 36.1 54.1#
58 59.6 49.8 74.8



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Tgt Ion: 128 Resp: 11137
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.3 10.6 15.8

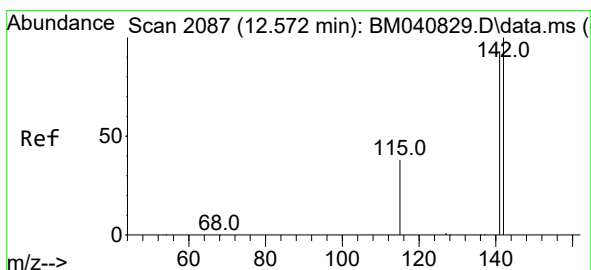
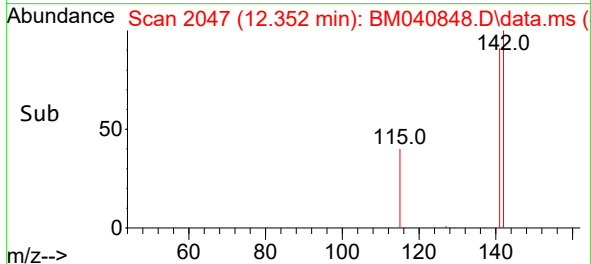
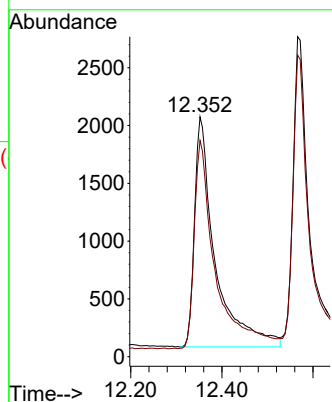
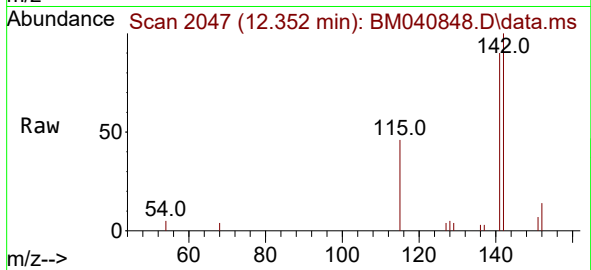




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

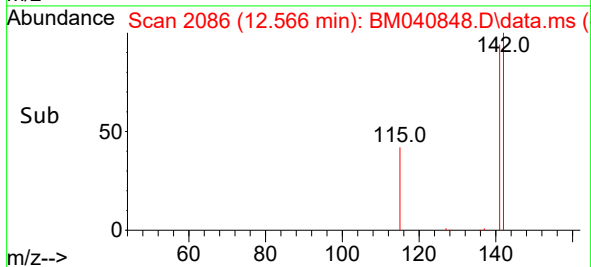
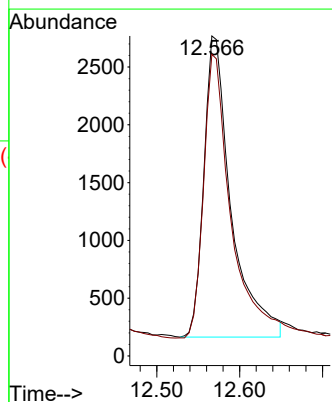
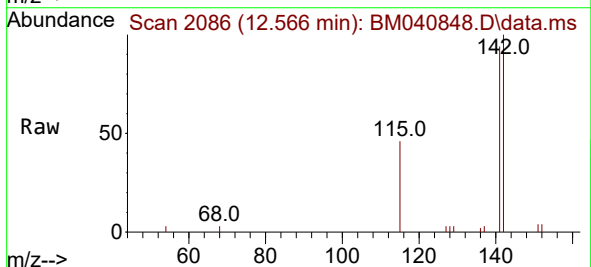
Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

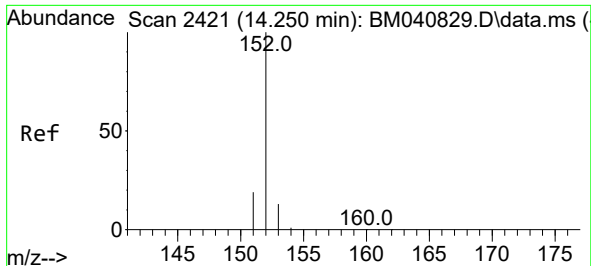
Tgt Ion:142 Resp: 6269
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. -0.011 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Tgt Ion:142 Resp: 5962
Ion Ratio Lower Upper
142 100
141 94.1 73.7 110.5

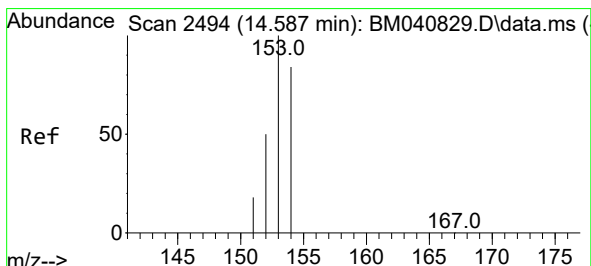
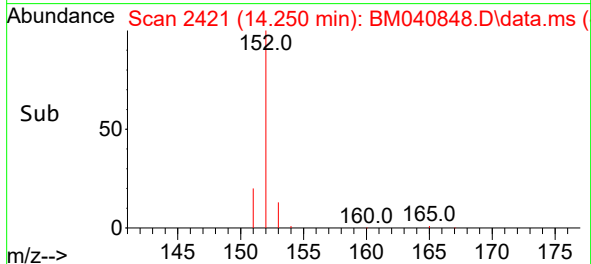
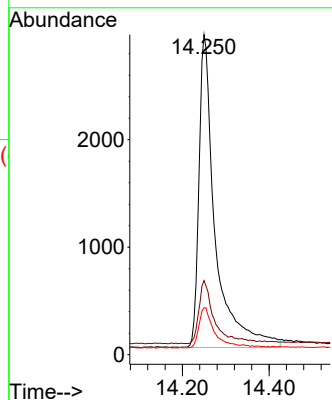
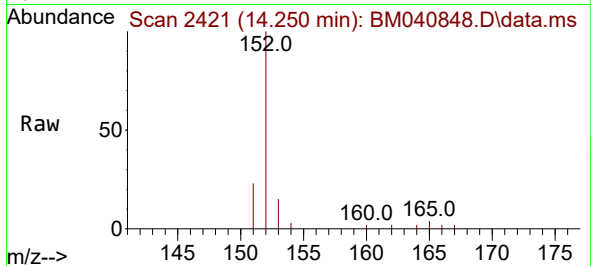




#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

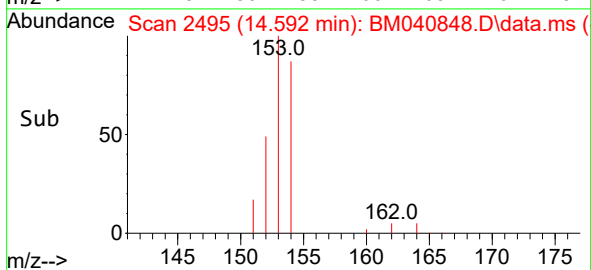
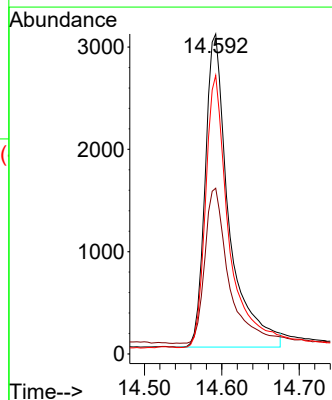
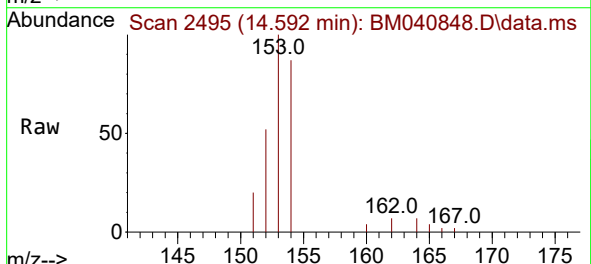
Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

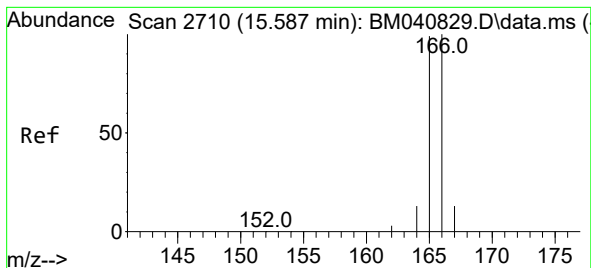
Tgt Ion:152 Resp: 7609
Ion Ratio Lower Upper
152 100
151 23.2 16.2 24.2
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Tgt Ion:153 Resp: 6539
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.4
154 87.1 70.8 106.2





#12

Fluorene

Concen: 0.354 ng/ul

RT: 15.587 min Scan# 2710

Delta R.T. -0.005 min

Lab File: BM040848.D

Acq: 12 Jul 2023 23:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.4174

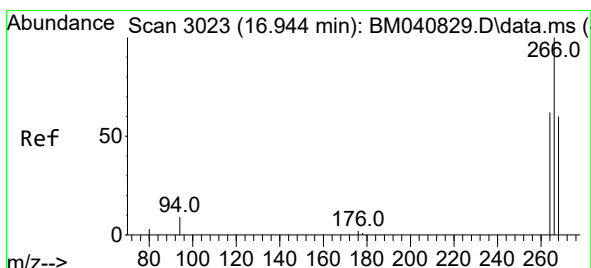
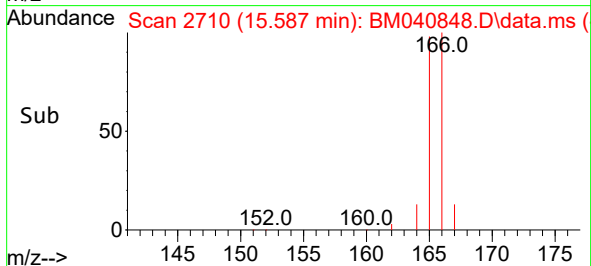
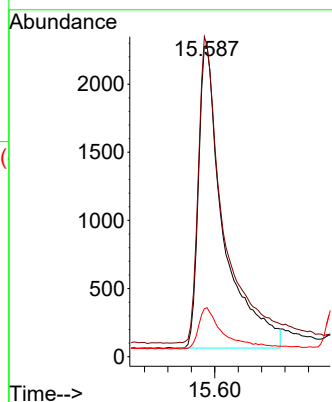
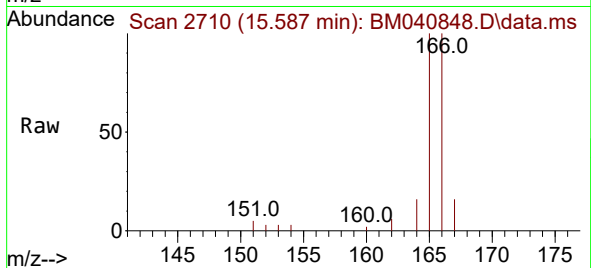
Tgt Ion:166 Resp: 6602

Ion Ratio Lower Upper

166 100

165 100.0 79.6 119.4

167 15.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.375 ng/ul

RT: 16.945 min Scan# 3023

Delta R.T. -0.004 min

Lab File: BM040848.D

Acq: 12 Jul 2023 23:02

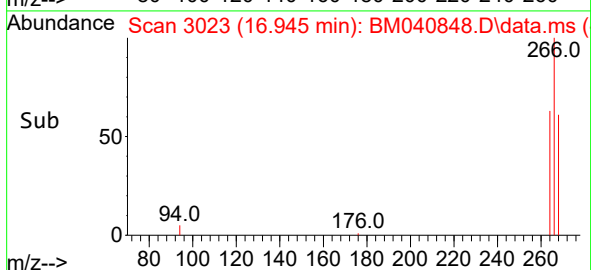
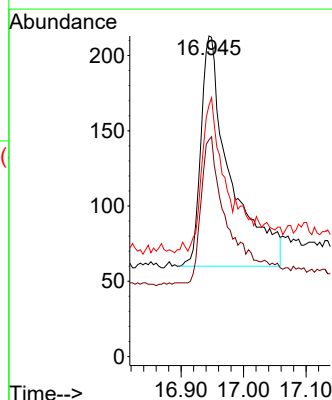
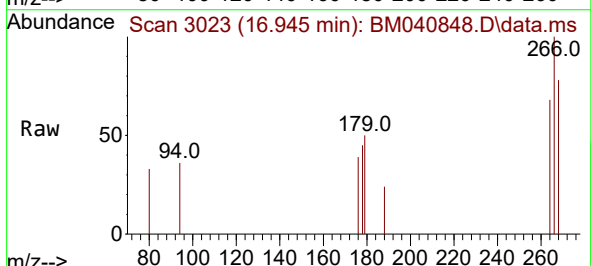
Tgt Ion:266 Resp: 496

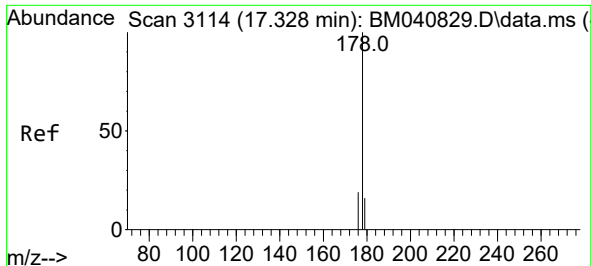
Ion Ratio Lower Upper

266 100

264 60.5 45.4 68.0

268 63.5 47.2 70.8

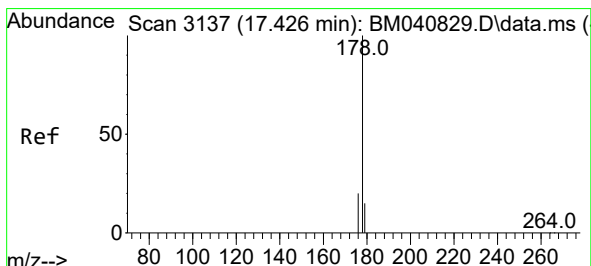
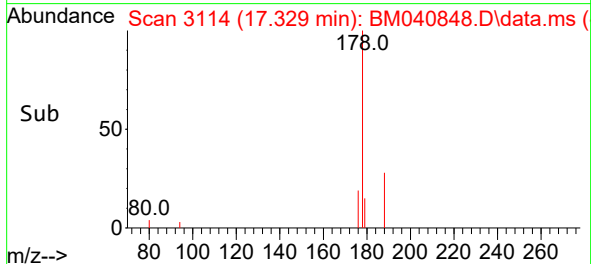
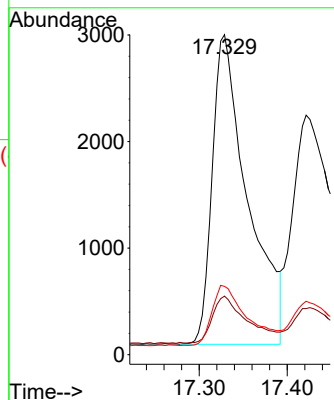
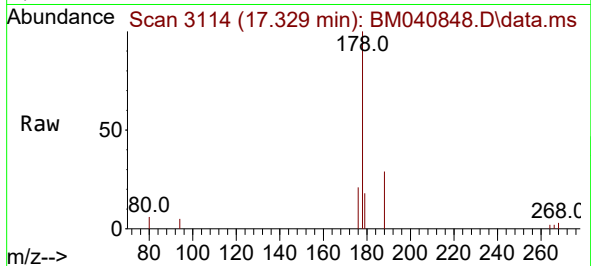




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

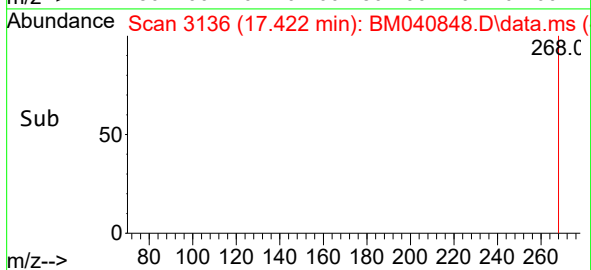
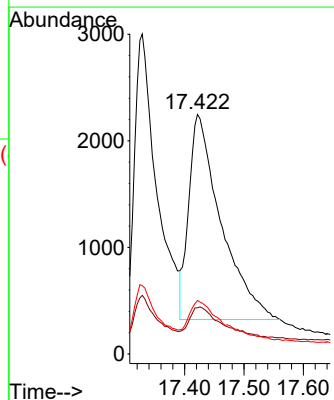
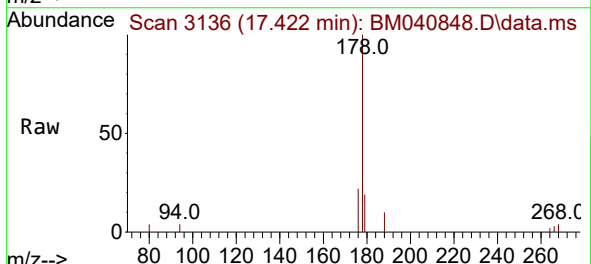
Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

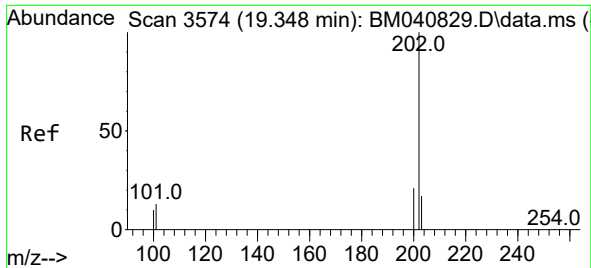
Tgt Ion:178 Resp: 8120
Ion Ratio Lower Upper
178 100
179 18.3 12.8 19.2
176 21.3 16.4 24.6



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Tgt Ion:178 Resp: 7244
Ion Ratio Lower Upper
178 100
179 19.2 12.9 19.3
176 22.3 15.8 23.6

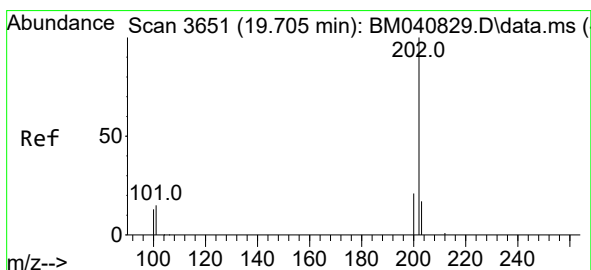
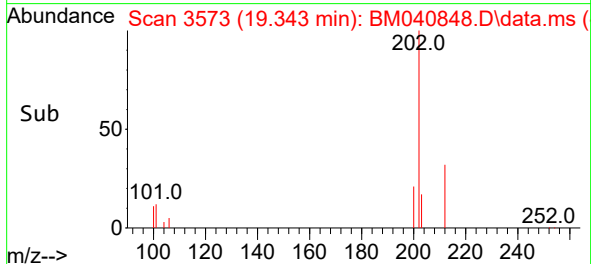
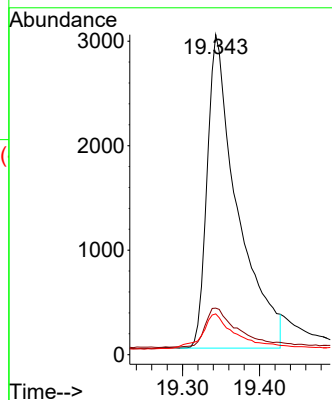
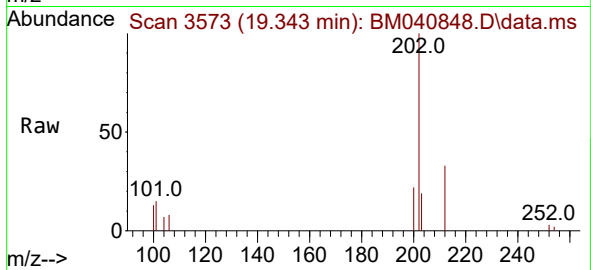




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.343 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

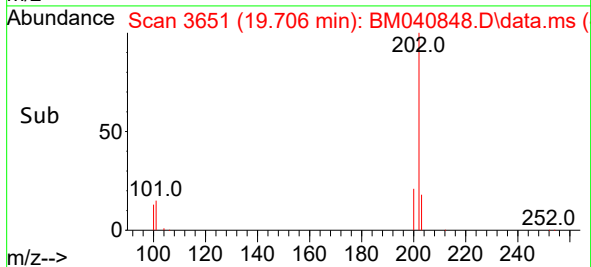
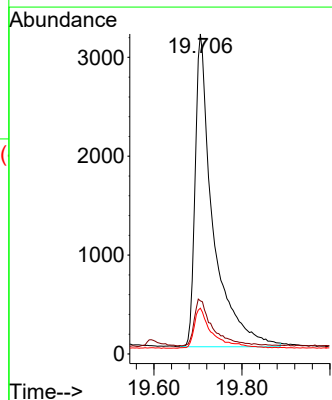
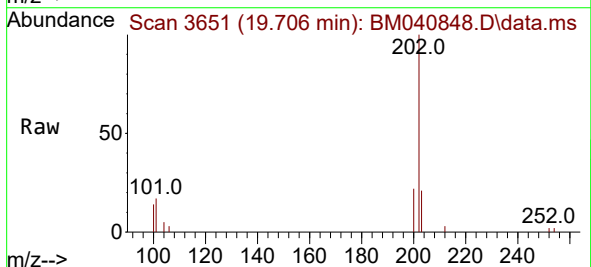
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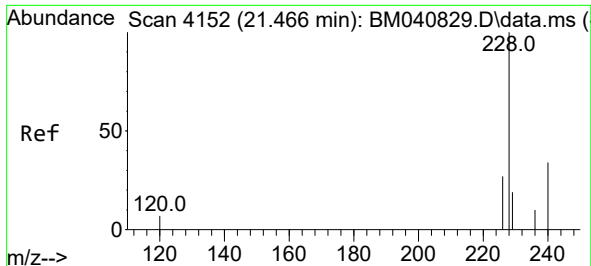
Tgt Ion:202 Resp: 8143
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 12.7 8.7 13.1



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

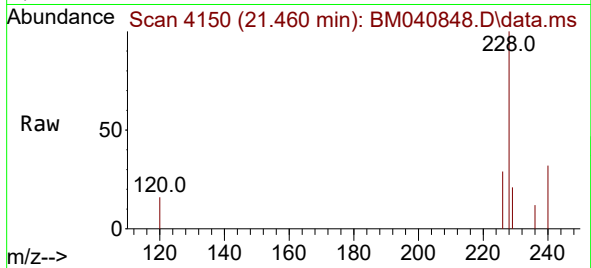
Tgt Ion:202 Resp: 8900
Ion Ratio Lower Upper
202 100
101 16.6 12.6 18.8
100 14.3 9.8 14.6



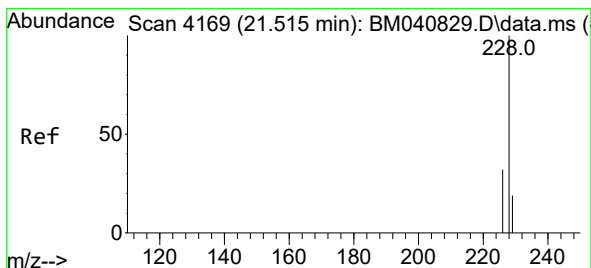
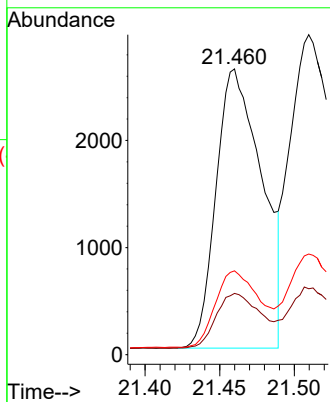
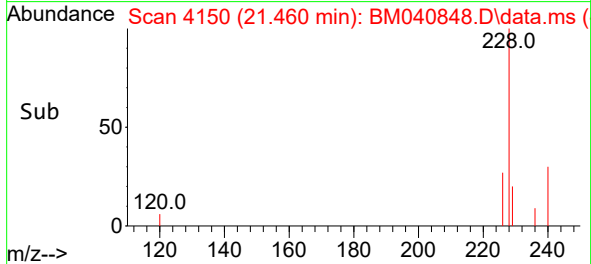


#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.460 min Scan# 4152
Delta R.T. -0.009 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

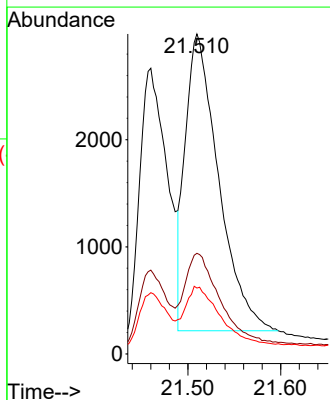
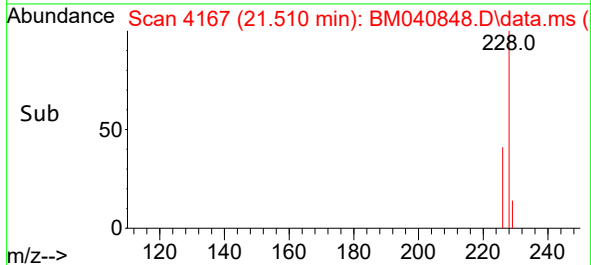
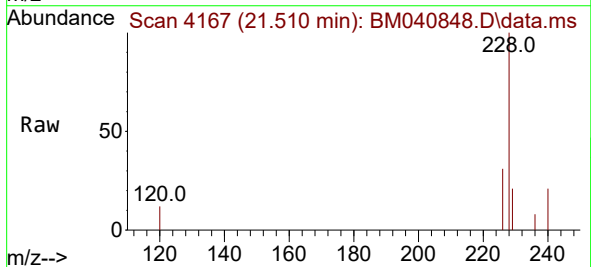


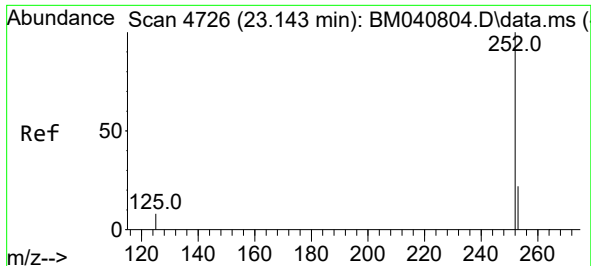
Tgt Ion:228 Resp: 5568
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.3 22.3 33.5



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. -0.006 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Tgt Ion:228 Resp: 6896
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 20.6 15.8 23.6

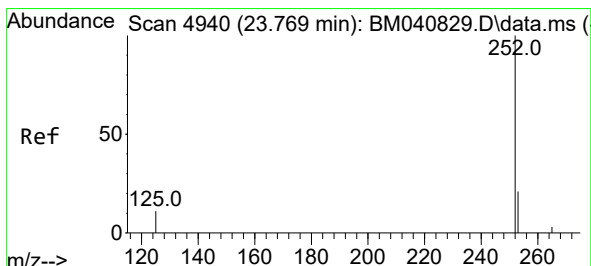
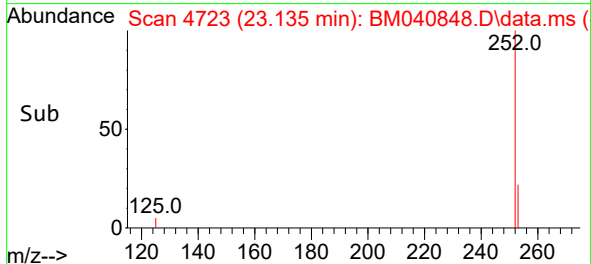
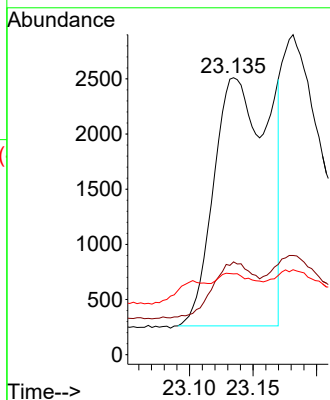
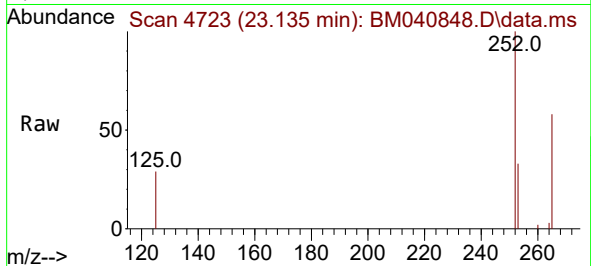




#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 23.135 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

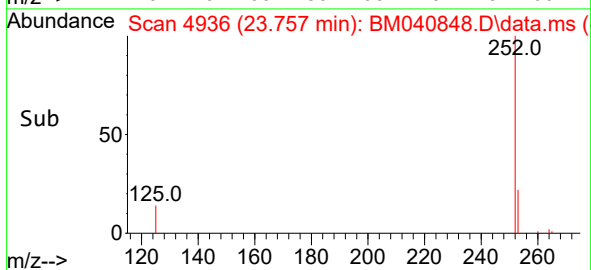
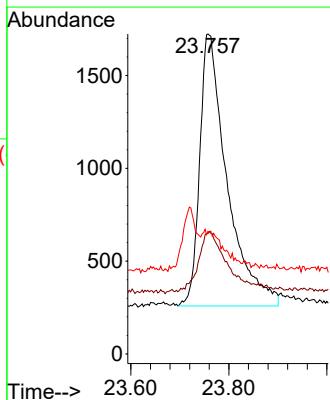
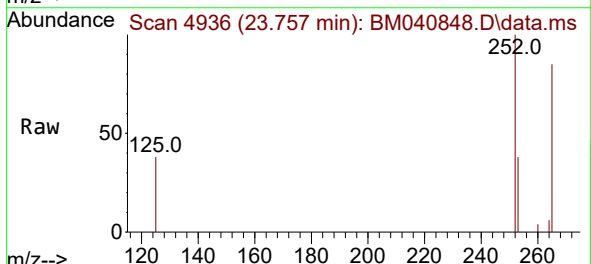
Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

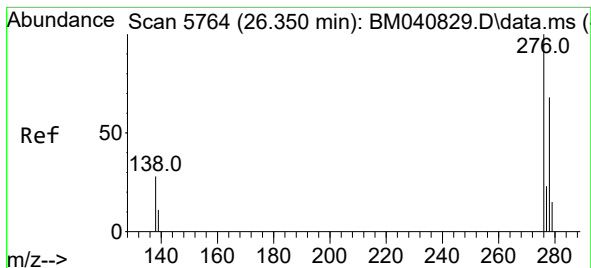
Tgt Ion:252 Resp: 6774
Ion Ratio Lower Upper
252 100
253 33.5 0.0 52.8
125 29.2 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.757 min Scan# 4936
Delta R.T. -0.015 min
Lab File: BM040848.D
Acq: 12 Jul 2023 23:02

Tgt Ion:252 Resp: 5692
Ion Ratio Lower Upper
252 100
253 37.6 22.9 34.3#
125 38.3 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng/ul

RT: 26.341 min Scan# 5

Delta R.T. -0.023 min

Lab File: BM040848.D

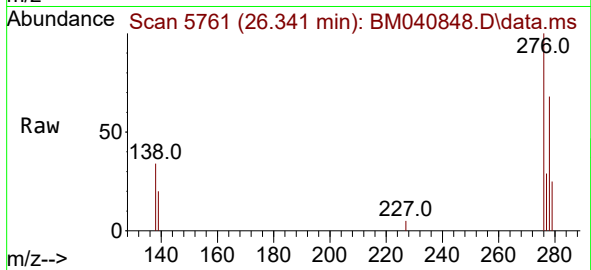
Acq: 12 Jul 2023 23:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.4174



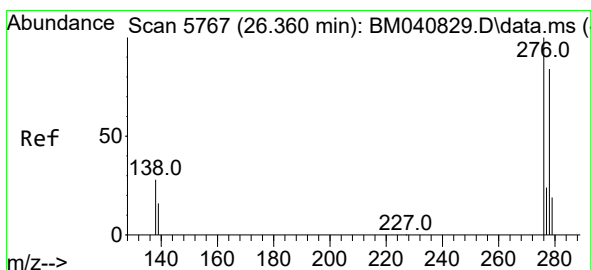
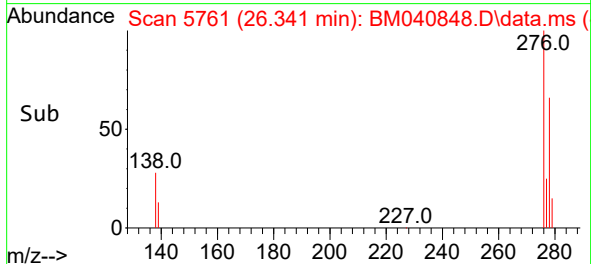
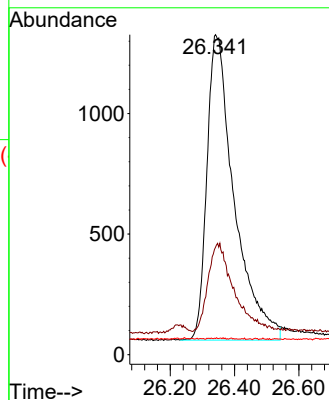
Tgt Ion:276 Resp: 7475

Ion Ratio Lower Upper

276 100

138 27.9 24.5 36.7

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.353 ng/ul

RT: 26.361 min Scan# 5767

Delta R.T. -0.013 min

Lab File: BM040848.D

Acq: 12 Jul 2023 23:02

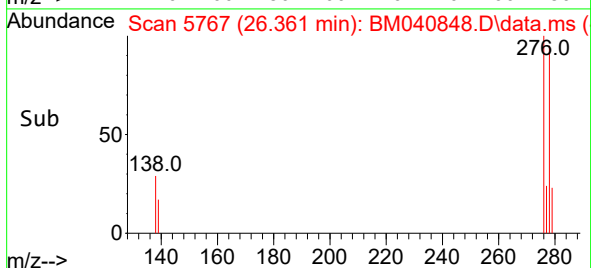
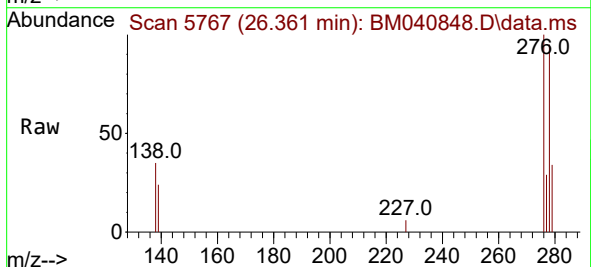
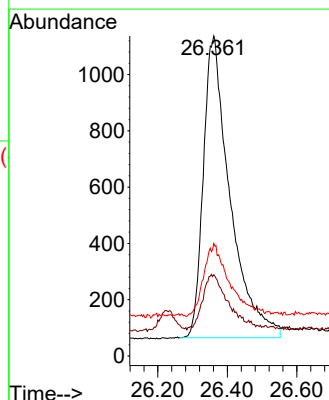
Tgt Ion:278 Resp: 5709

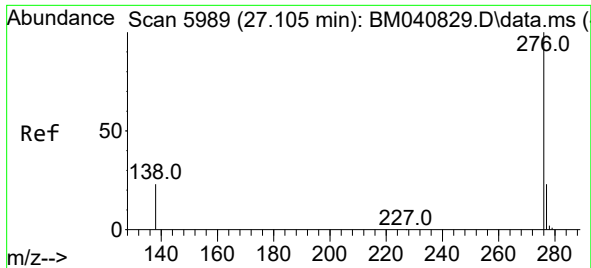
Ion Ratio Lower Upper

278 100

139 25.4 17.9 26.9

279 35.2 22.0 33.0#





#29

Benzo(g,h,i)perylene

Concen: 0.357 ng/ul

RT: 27.109 min Scan# 59

Delta R.T. -0.003 min

Lab File: BM040848.D

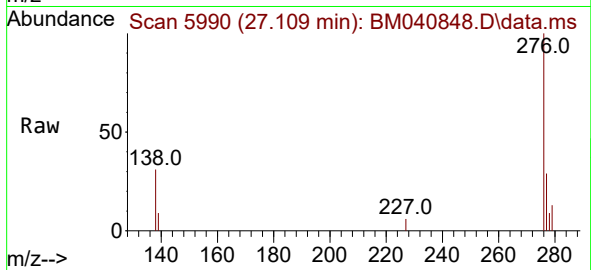
Acq: 12 Jul 2023 23:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.4174



Tgt Ion:276 Resp: 6467

Ion Ratio Lower Upper

276 100

138 31.5 23.0 34.6

277 28.9 20.3 30.5

