

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040875.D
 Acq On : 14 Jul 2023 12:31
 Operator : MA/JU
 Sample : 03418-20DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46KODL

Quant Time: Jul 15 03:14:34 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 : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

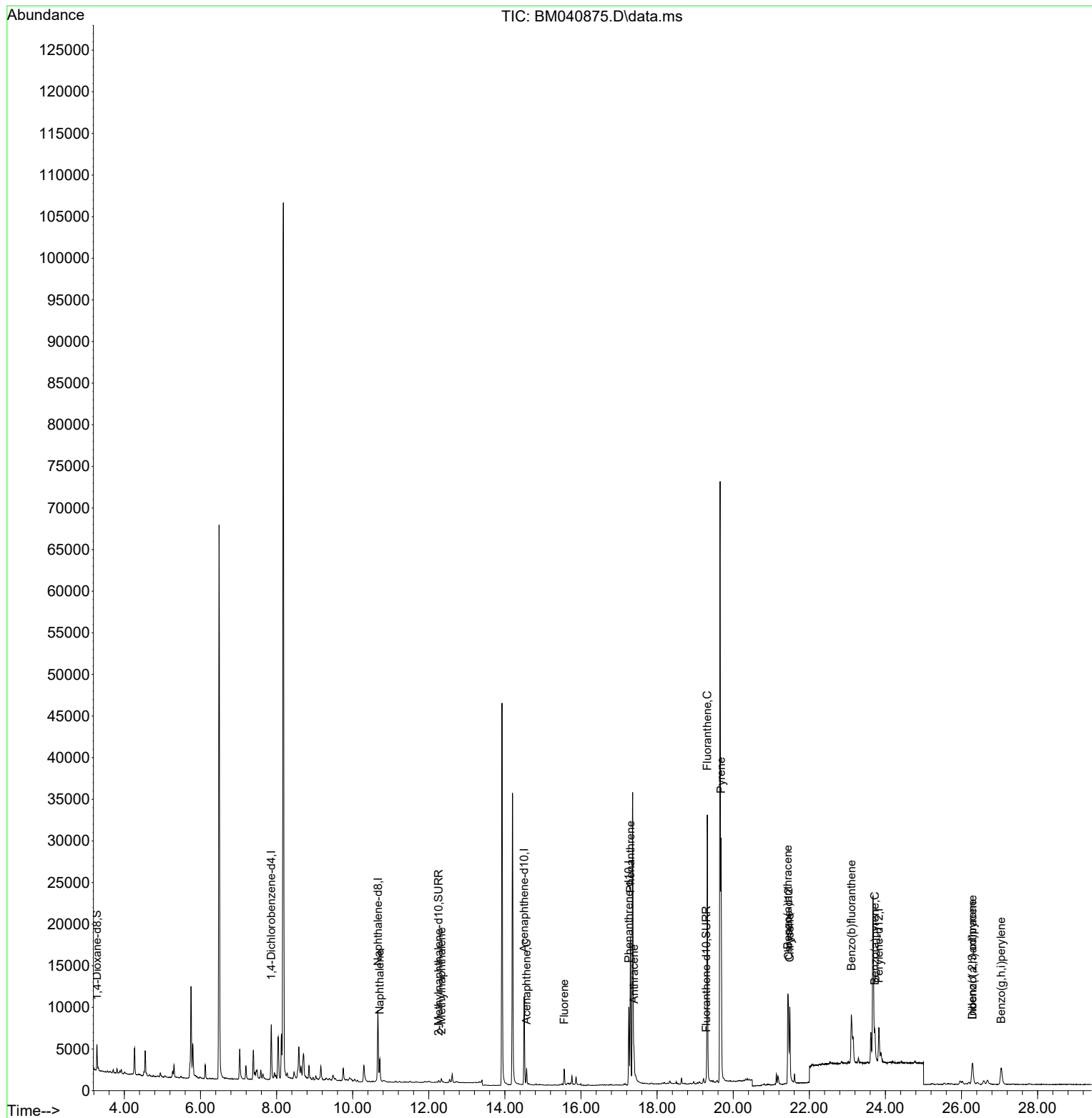
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3434	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	12126	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5825	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	10847	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6738	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	5808	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	1855	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	394	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	677	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	3816	0.114	ng/ul#	94
7) 2-Methylnaphthalene	12.335	142	418	0.021	ng/ul	99
11) Acenaphthene	14.569	153	1117	0.051	ng/ul	97
12) Fluorene	15.559	166	1275	0.054	ng/ul#	98
15) Phenanthrene	17.299	178	19216	0.570	ng/ul	100
16) Anthracene	17.392	178	3299	0.117	ng/ul#	92
19) Fluoranthene	19.320	202	27067	0.946	ng/ul	97
20) Pyrene	19.682	202	23609	0.769	ng/ul	99
21) Benzo(a)anthracene	21.437	228	8183	0.359	ng/ul	98
22) Chrysene	21.486	228	9571	0.368	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	9915	0.441	ng/ul	92
26) Benzo(a)pyrene	23.722	252	4552	0.225	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.284	276	4590	0.163	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.290	278	1047	0.047	ng/ul#	37
29) Benzo(g,h,i)perylene	27.042	276	4682	0.189	ng/ul	95

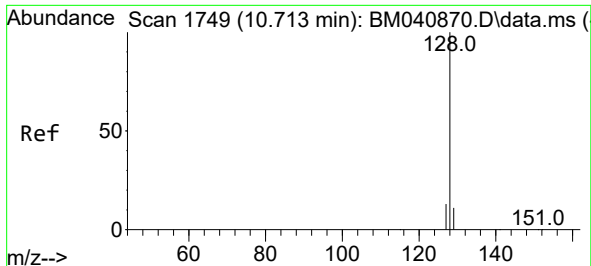
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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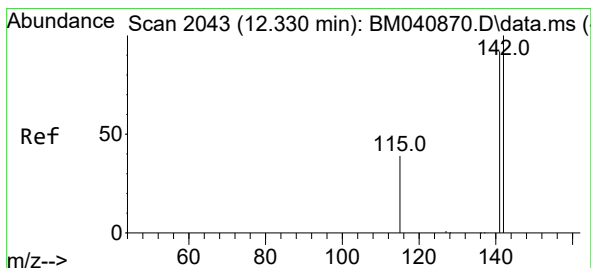
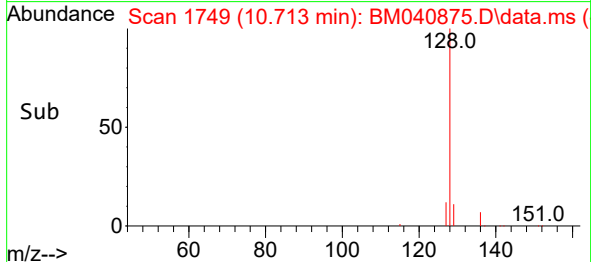
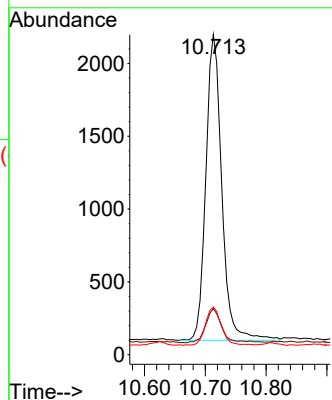
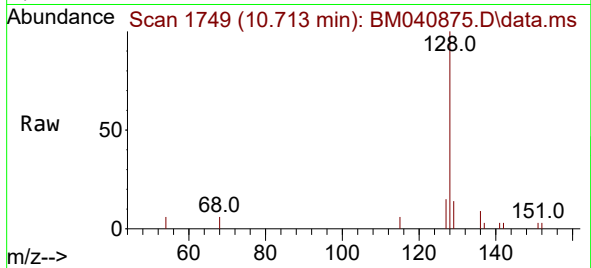




#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.713 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

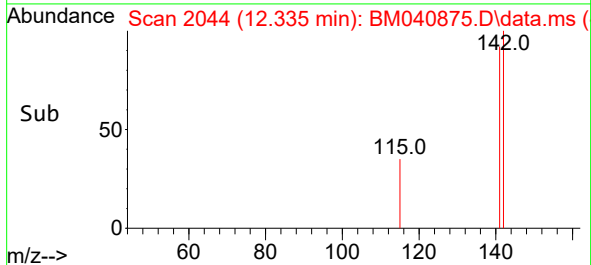
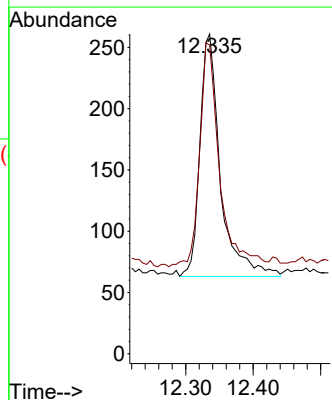
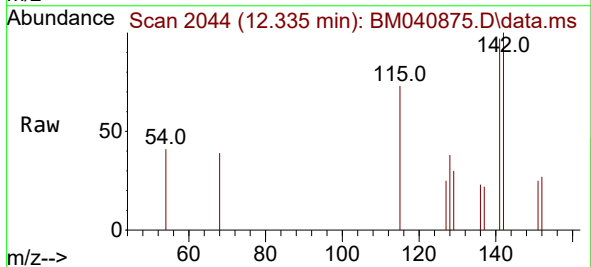
Instrument :
BNA_M
ClientSampleId :
A46KODL

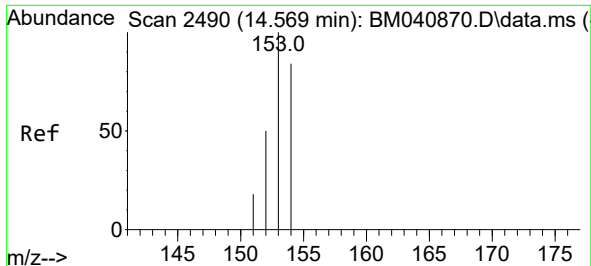
Tgt Ion:128 Resp: 3816
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8#
127 14.9 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

Tgt Ion:142 Resp: 418
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9

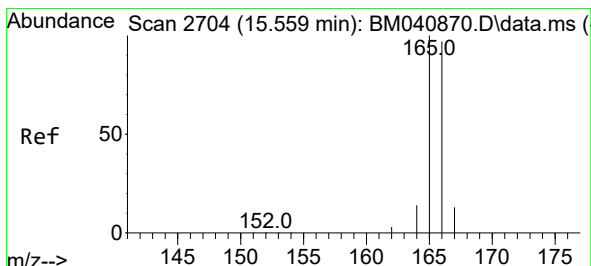
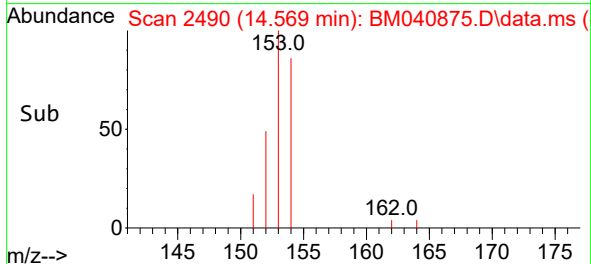
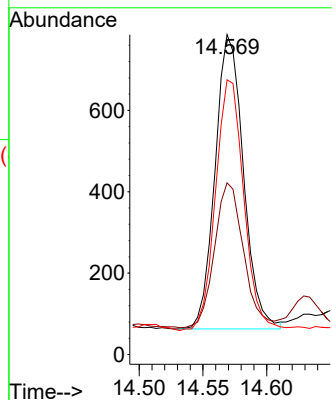
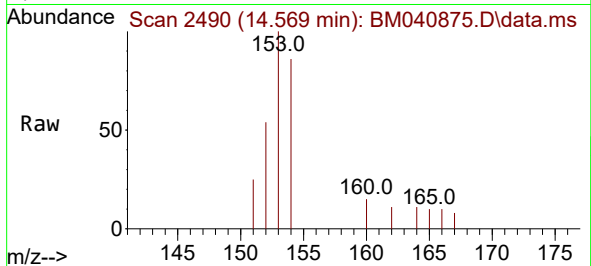




#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

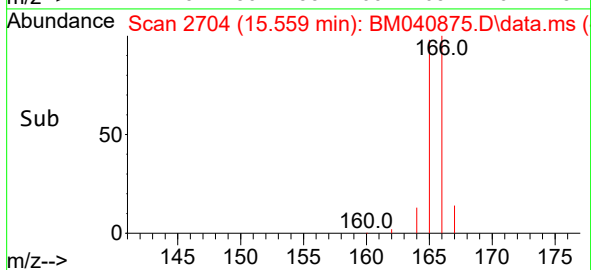
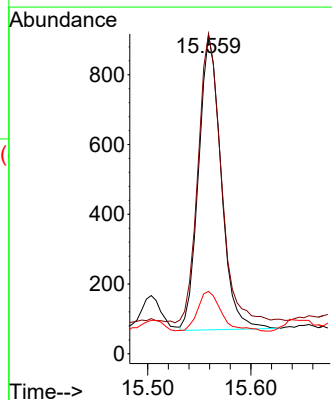
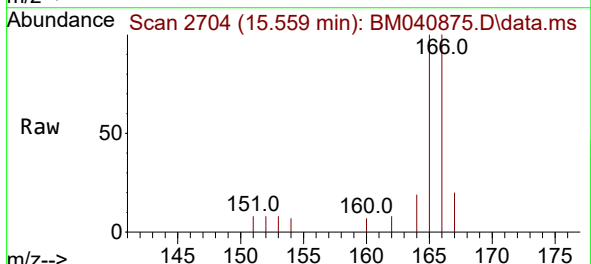
Instrument :
BNA_M
ClientSampleId :
A46KODL

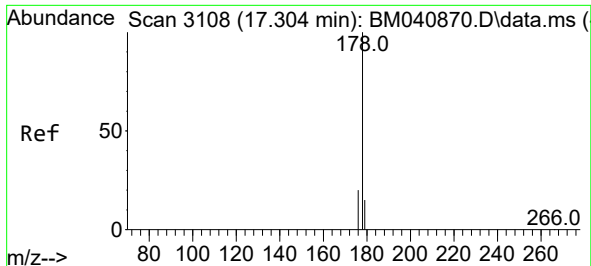
Tgt Ion:153 Resp: 1117
Ion Ratio Lower Upper
153 100
152 53.7 41.0 61.4
154 85.9 70.8 106.2



#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.005 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

Tgt Ion:166 Resp: 1275
Ion Ratio Lower Upper
166 100
165 100.2 79.6 119.4
167 19.6 11.4 17.0#

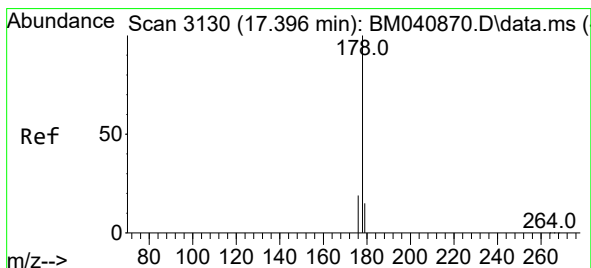
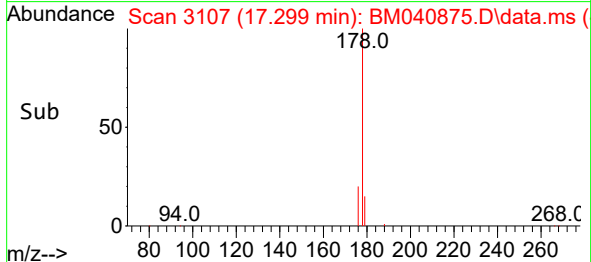
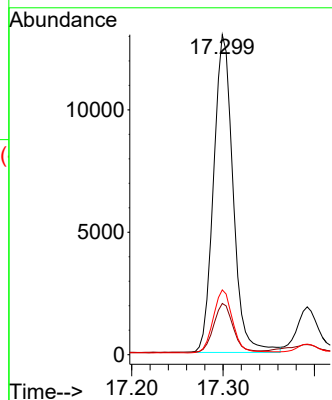
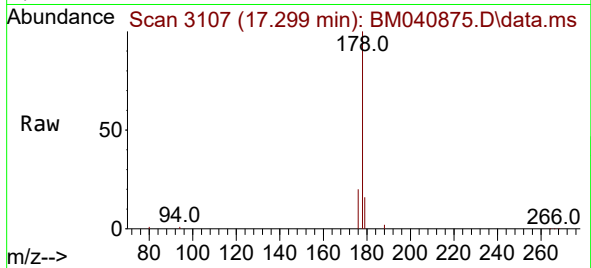




#15
Phenanthrene
Concen: 0.570 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

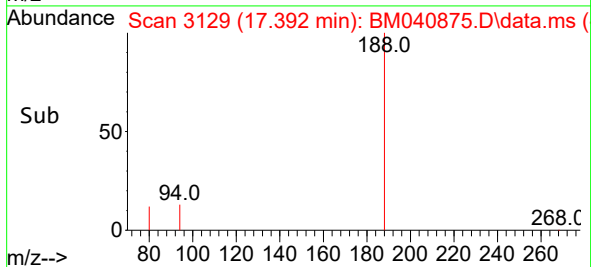
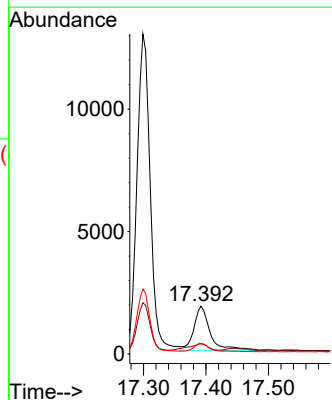
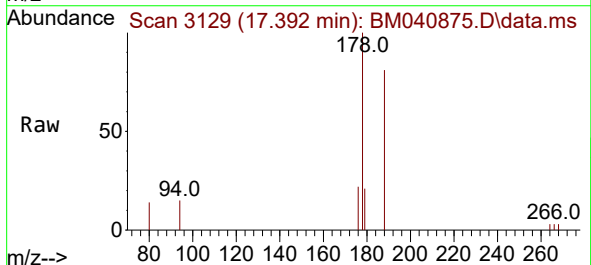
Instrument :
BNA_M
ClientSampleId :
A46KODL

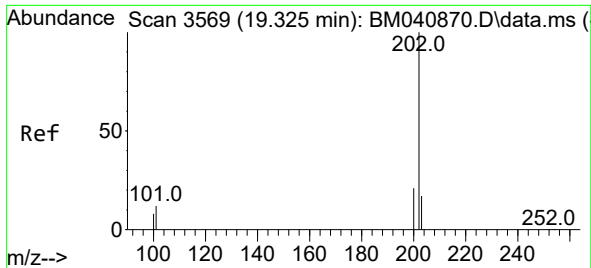
Tgt Ion:178 Resp: 19216
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.3 16.4 24.6



#16
Anthracene
Concen: 0.117 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

Tgt Ion:178 Resp: 3299
Ion Ratio Lower Upper
178 100
179 21.1 12.9 19.3#
176 22.1 15.8 23.6

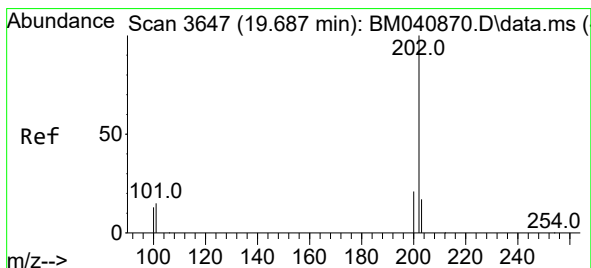
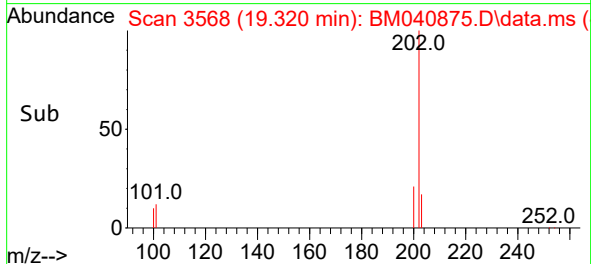
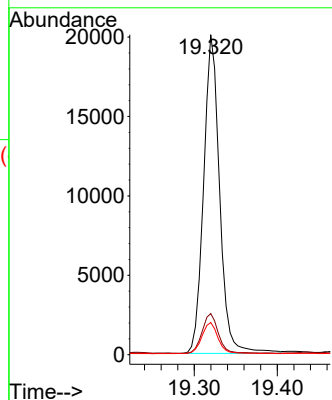
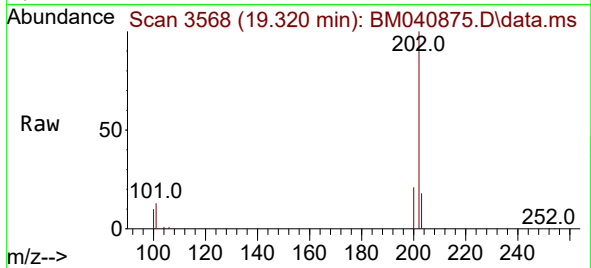




#19
Fluoranthene
Concen: 0.946 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

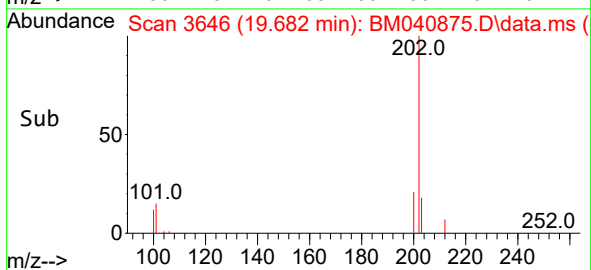
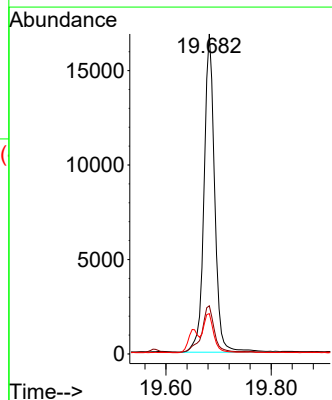
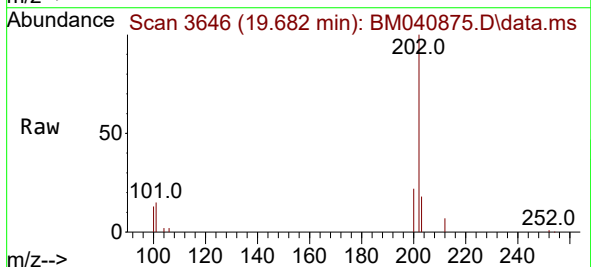
Instrument :
BNA_M
ClientSampleId :
A46KODL

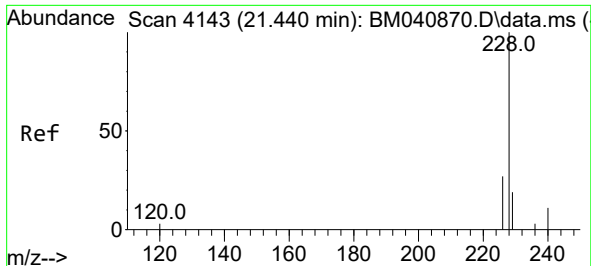
Tgt Ion:202 Resp: 27067
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.1 8.7 13.1



#20
Pyrene
Concen: 0.769 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

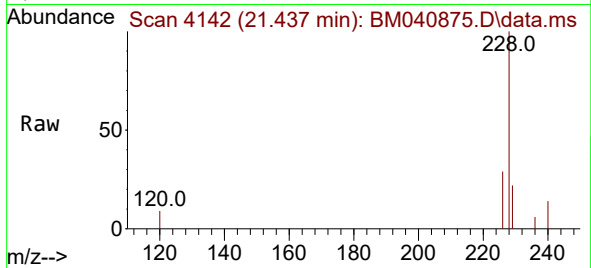
Tgt Ion:202 Resp: 23609
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.6 9.8 14.6



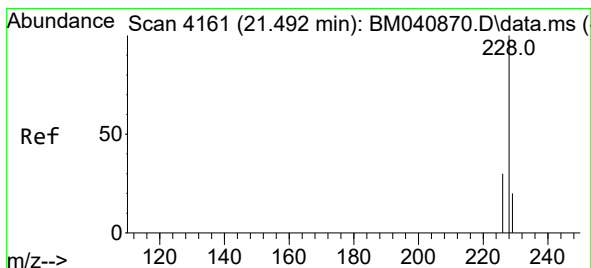
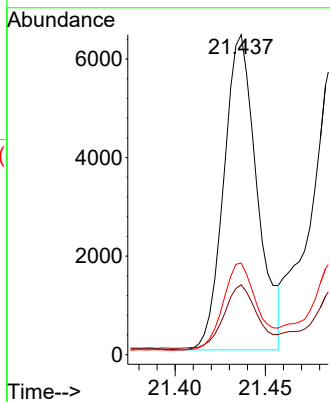
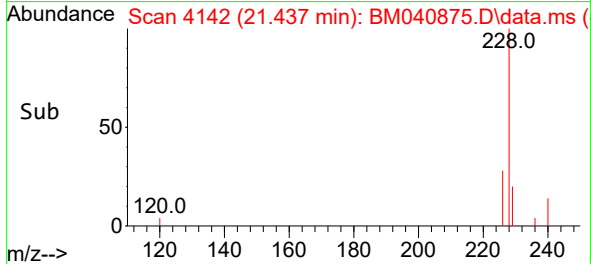


#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.437 min Scan# 4143
Delta R.T. -0.009 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

Instrument :
BNA_M
ClientSampleId :
A46KODL

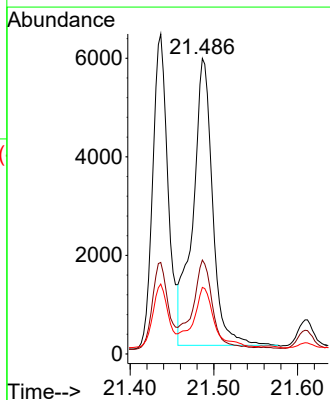
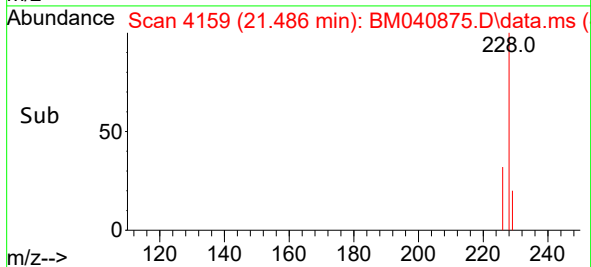
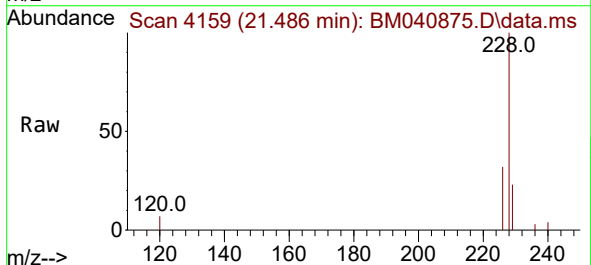


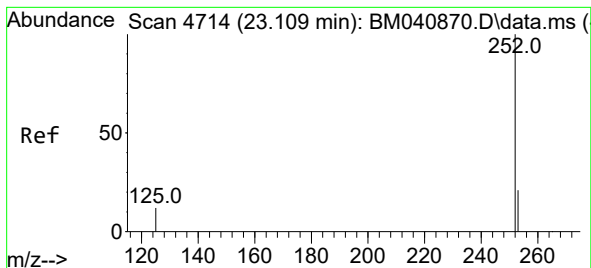
Tgt Ion:228 Resp: 8183
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040875.D
Acq: 14 Jul 2023 12:31

Tgt Ion:228 Resp: 9571
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 22.5 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.441 ng/ul

RT: 23.105 min Scan# 41

Delta R.T. -0.015 min

Lab File: BM040875.D

Acq: 14 Jul 2023 12:31

Instrument :

BNA_M

ClientSampleId :

A46KODL

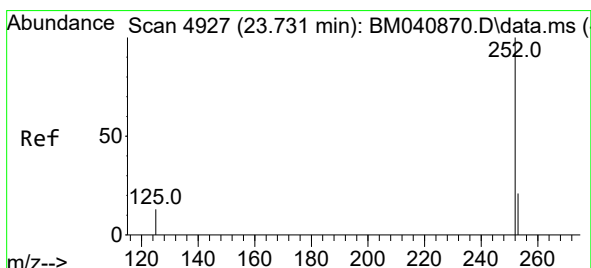
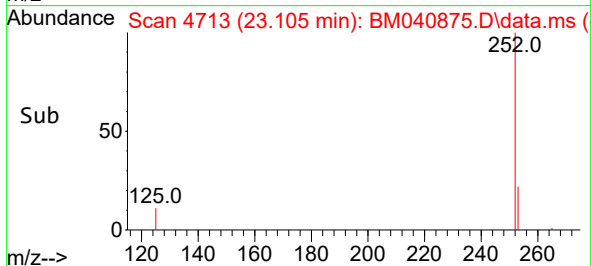
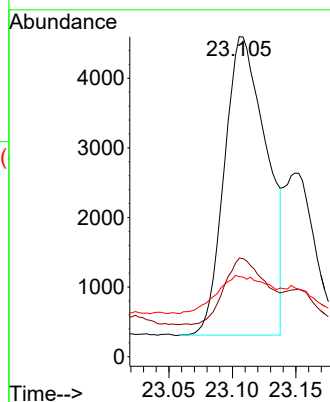
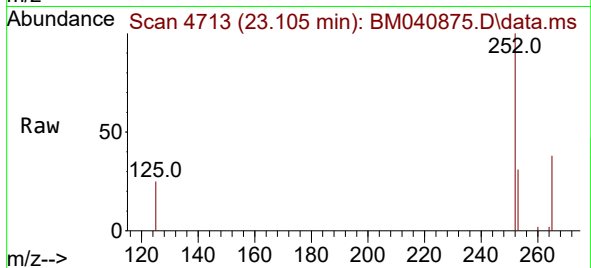
Tgt Ion:252 Resp: 9915

Ion Ratio Lower Upper

252 100

253 30.8 0.0 52.8

125 25.0 0.0 43.0



#26

Benzo(a)pyrene

Concen: 0.225 ng/ul

RT: 23.722 min Scan# 4924

Delta R.T. -0.017 min

Lab File: BM040875.D

Acq: 14 Jul 2023 12:31

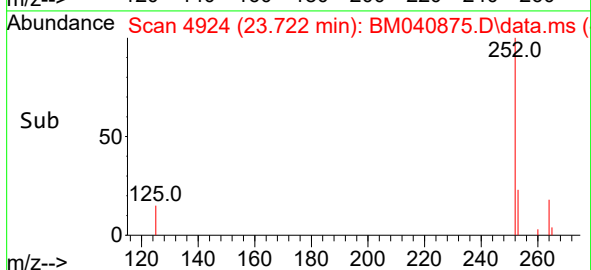
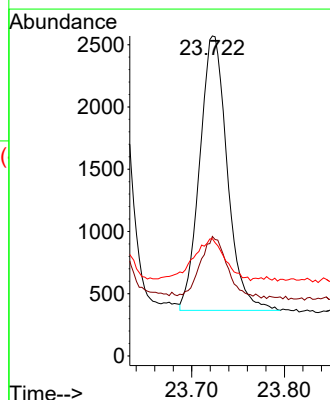
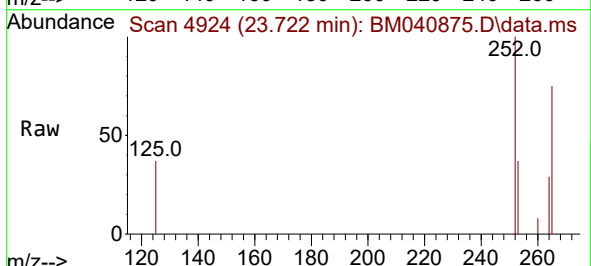
Tgt Ion:252 Resp: 4552

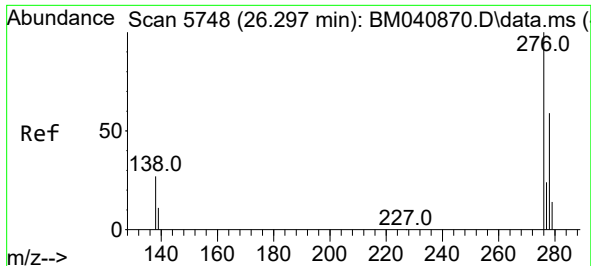
Ion Ratio Lower Upper

252 100

253 37.4 22.9 34.3#

125 36.7 21.0 31.4#

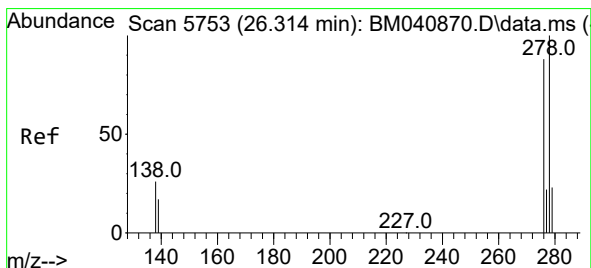
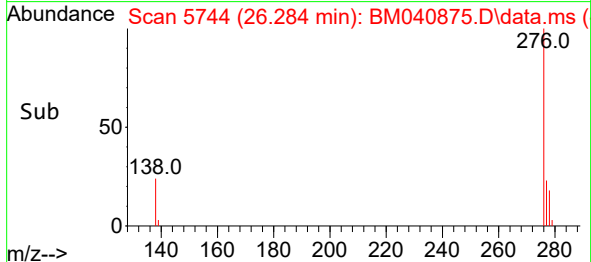
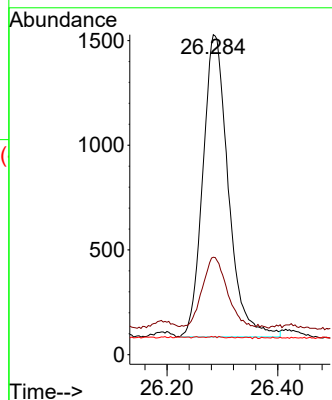
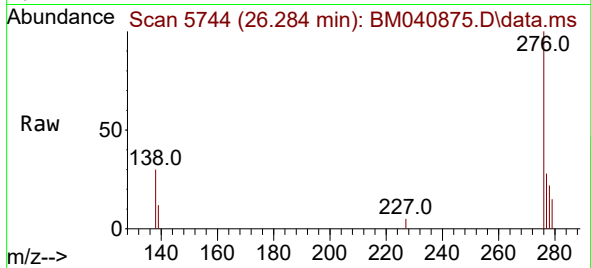




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.163 ng/ul
 RT: 26.284 min Scan# 5744
 Delta R.T. -0.023 min
 Lab File: BM040875.D
 Acq: 14 Jul 2023 12:31

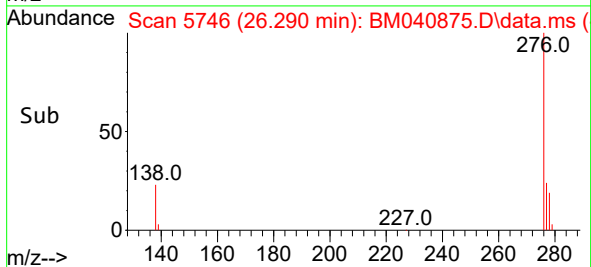
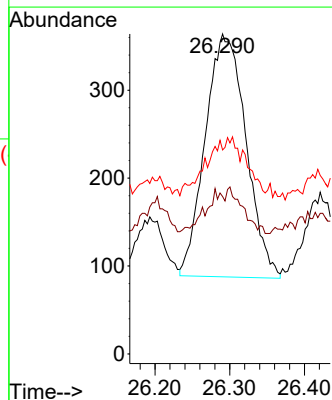
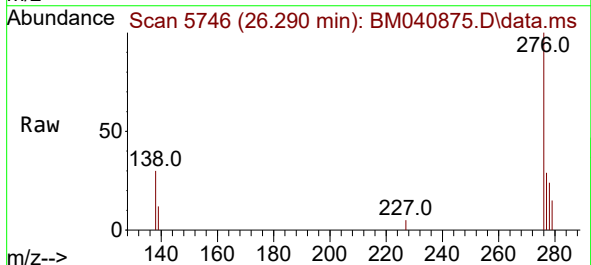
Instrument :
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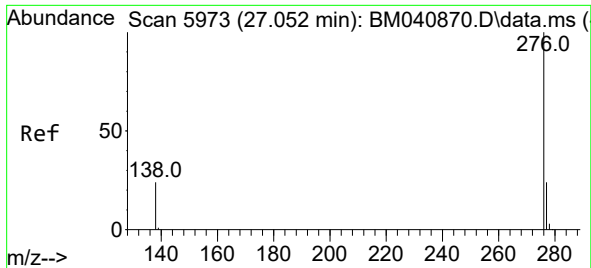
Tgt Ion:276 Resp: 4590
 Ion Ratio Lower Upper
 276 100
 138 22.5 24.5 36.7#
 227 0.1 0.1 0.1



#28
 Dibenzo(a,h)anthracene
 Concen: 0.047 ng/ul
 RT: 26.290 min Scan# 5746
 Delta R.T. -0.037 min
 Lab File: BM040875.D
 Acq: 14 Jul 2023 12:31

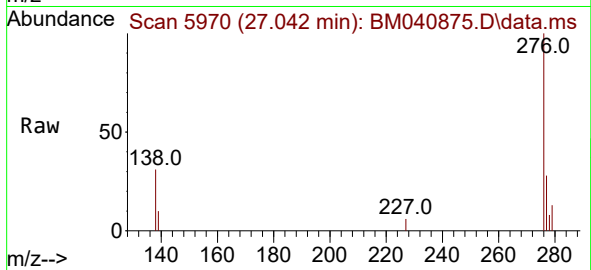
Tgt Ion:278 Resp: 1047
 Ion Ratio Lower Upper
 278 100
 139 49.2 17.9 26.9#
 279 63.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.189 ng/ul
 RT: 27.042 min Scan# 5970
 Delta R.T. -0.027 min
 Lab File: BM040875.D
 Acq: 14 Jul 2023 12:31

Instrument :
 BNA_M
 ClientSampleId :
 A46KODL



Tgt Ion:	276	Resp:	4682
Ion	Ratio	Lower	Upper
276	100		
138	31.2	23.0	34.6
277	27.8	20.3	30.5

