

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040874.D
 Acq On : 14 Jul 2023 11:53
 Operator : MA/JU
 Sample : 03418-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGZ6

Quant Time: Jul 15 03:14:25 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)

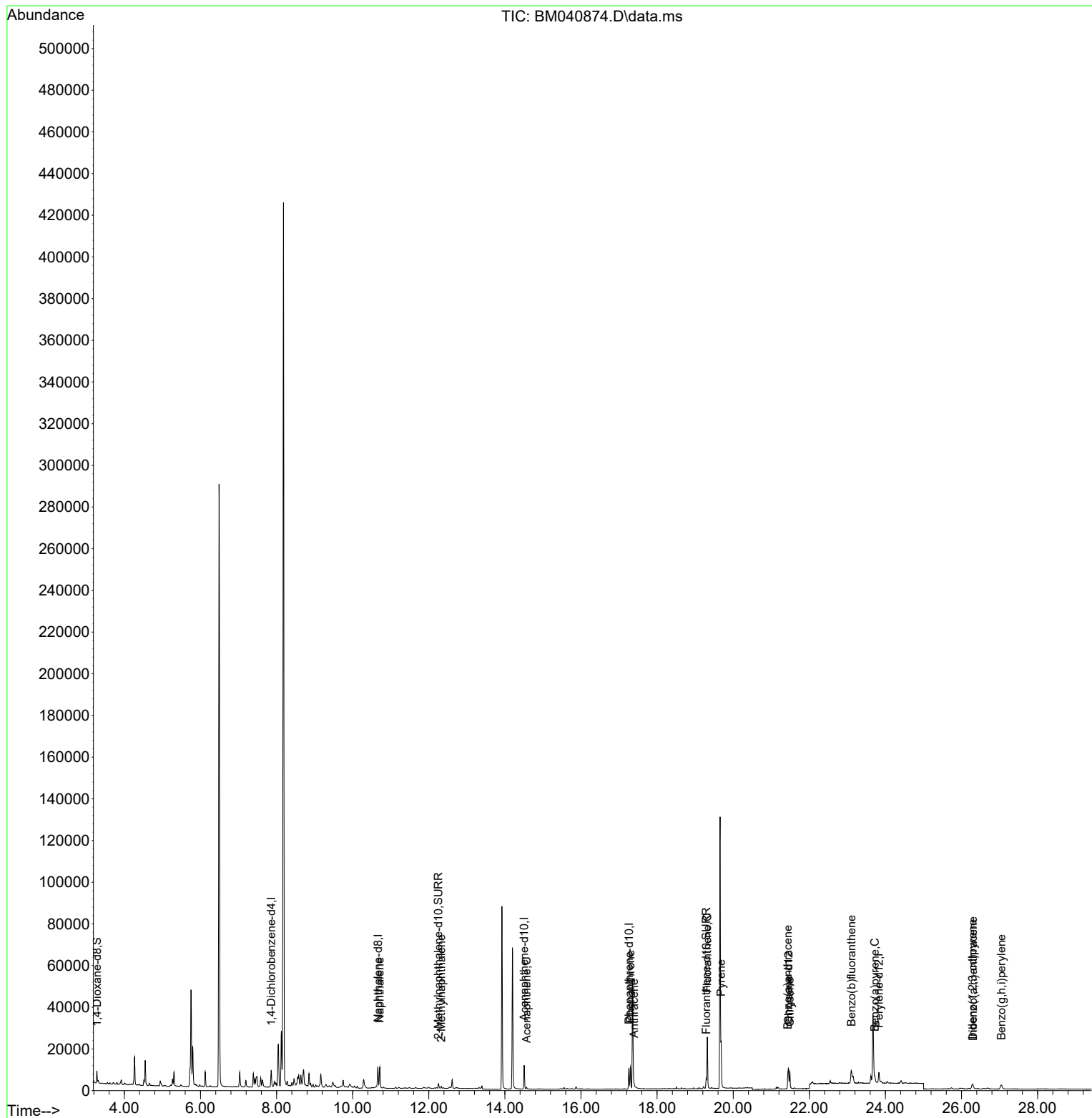
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3921	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.664	136	13466	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	6255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	11548	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	7597	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	6943	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3150	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	3206	0.170	ng/ul	-0.01
18) Fluoranthene-d10	19.292	212	5069	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	13424	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	774	0.035	ng/ul	99
11) Acenaphthene	14.569	153	493	0.021	ng/ul	95
15) Phenanthrene	17.299	178	11130	0.310	ng/ul	100
16) Anthracene	17.392	178	830	0.028	ng/ul#	73
19) Fluoranthene	19.320	202	20445	0.634	ng/ul	98
20) Pyrene	19.682	202	17244	0.498	ng/ul	99
21) Benzo(a)anthracene	21.434	228	5533	0.215	ng/ul	96
22) Chrysene	21.486	228	8504	0.290	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	10509	0.391	ng/ul	84
26) Benzo(a)pyrene	23.722	252	3163	0.131	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.290	276	4472	0.133	ng/ul	89
28) Dibenzo(a,h)anthracene	26.304	278	1014	0.038	ng/ul#	20
29) Benzo(g,h,i)perylene	27.048	276	4602	0.156	ng/ul	95

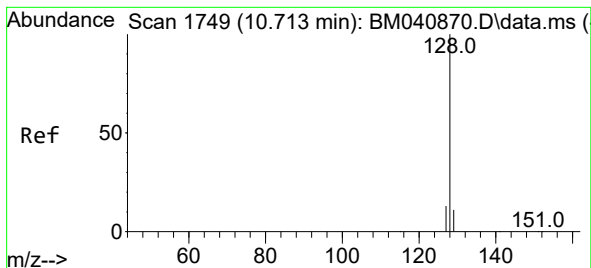
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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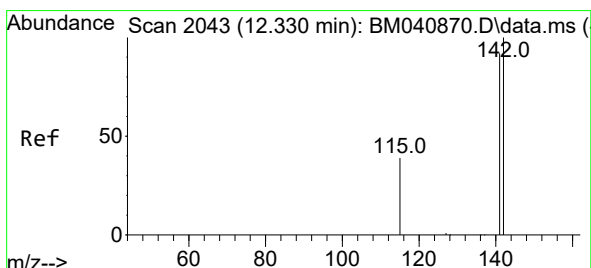
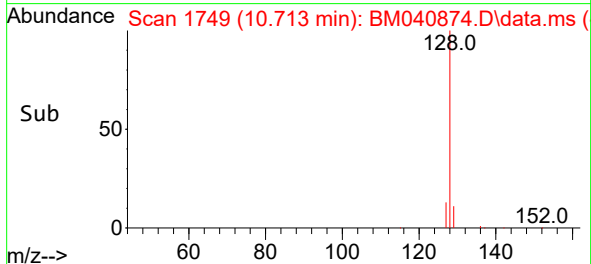
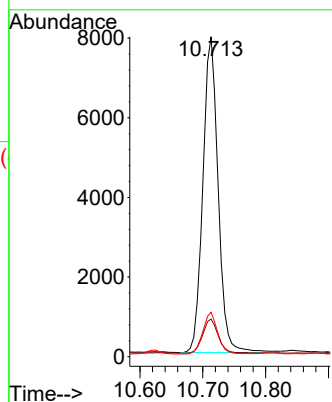
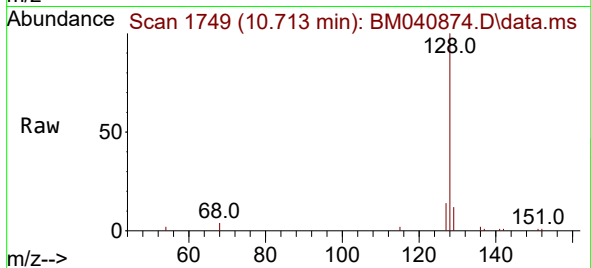




#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.713 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040874.D
Acq: 14 Jul 2023 11:53

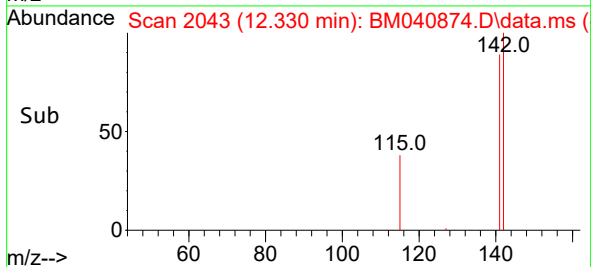
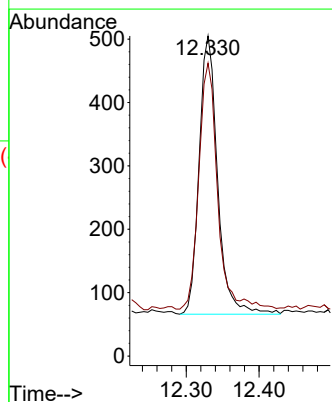
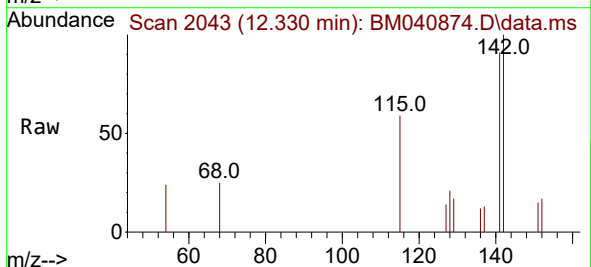
Instrument :
BNA_M
ClientSampleId :
DCGZ6

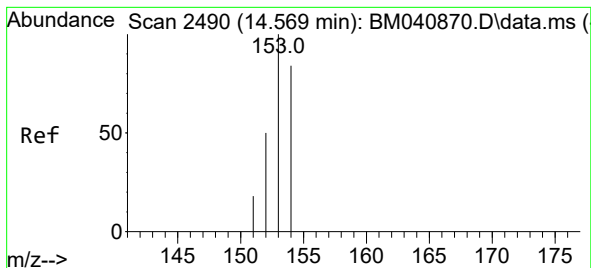
Tgt Ion:128 Resp: 13424
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.9 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040874.D
Acq: 14 Jul 2023 11:53

Tgt Ion:142 Resp: 774
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.569 min Scan# 2490

Delta R.T. -0.005 min

Lab File: BM040874.D

Acq: 14 Jul 2023 11:53

Instrument :

BNA_M

ClientSampleId :

DCGZ6

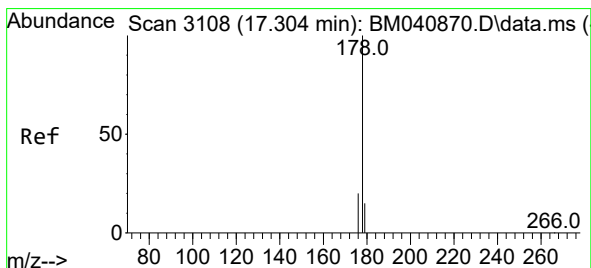
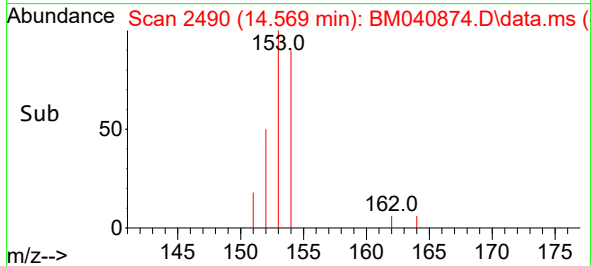
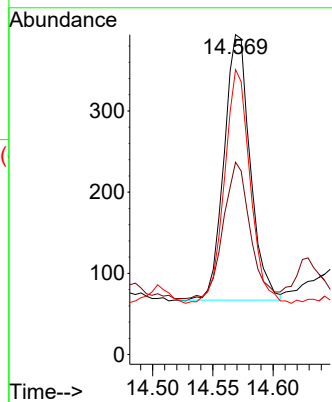
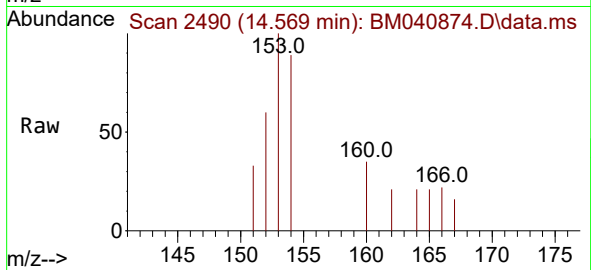
Tgt Ion:153 Resp: 493

Ion Ratio Lower Upper

153 100

152 60.2 41.0 61.4

154 89.1 70.8 106.2



#15

Phenanthrene

Concen: 0.310 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.008 min

Lab File: BM040874.D

Acq: 14 Jul 2023 11:53

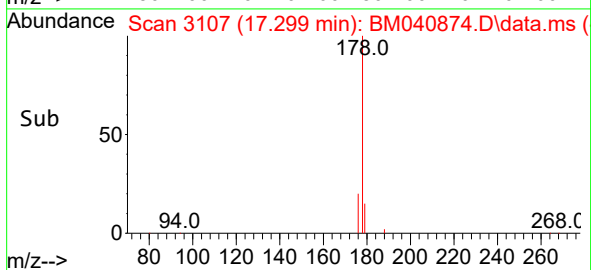
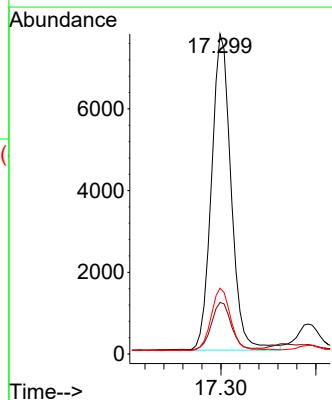
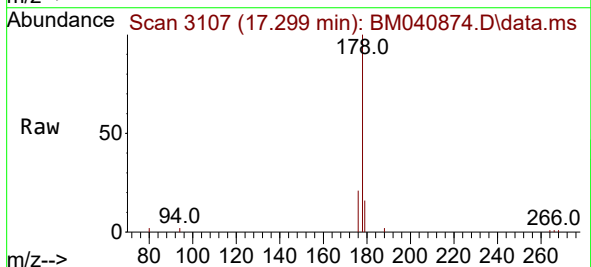
Tgt Ion:178 Resp: 11130

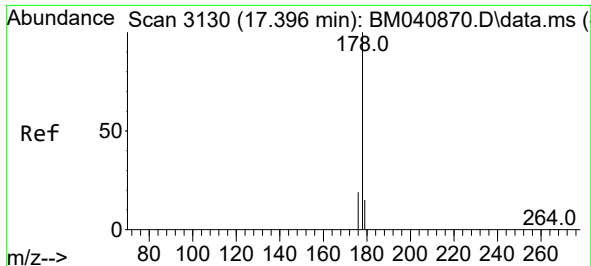
Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.6 16.4 24.6

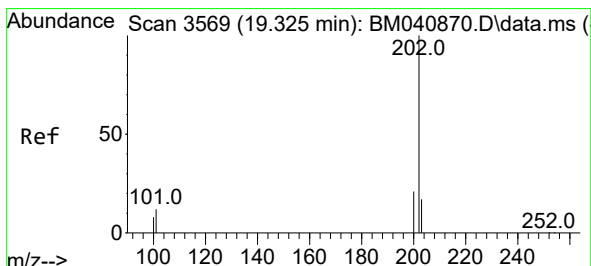
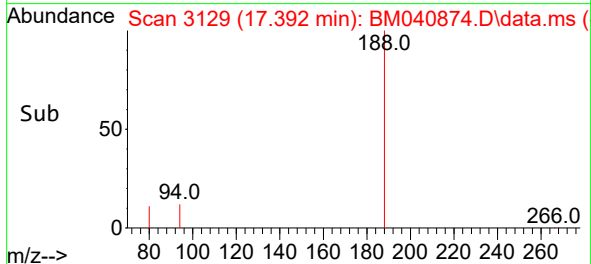
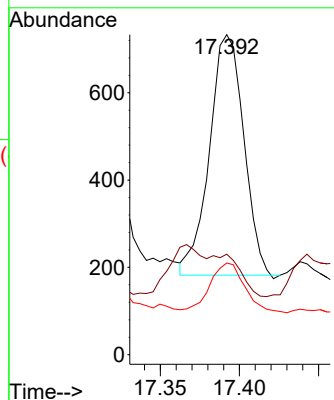
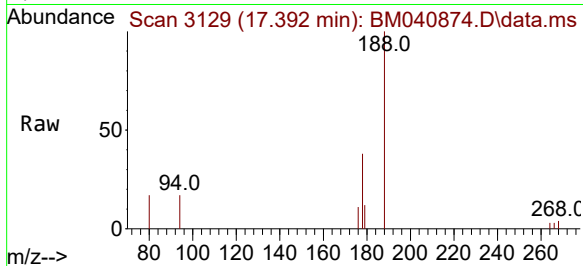




#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.392 min Scan# 3130
 Delta R.T. -0.008 min
 Lab File: BM040874.D
 Acq: 14 Jul 2023 11:53

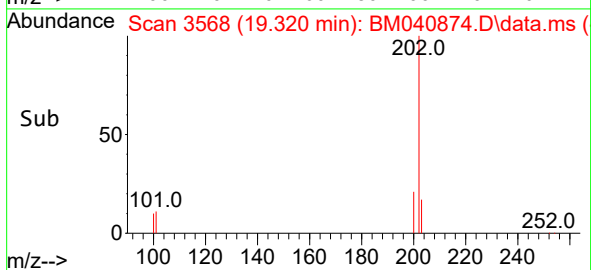
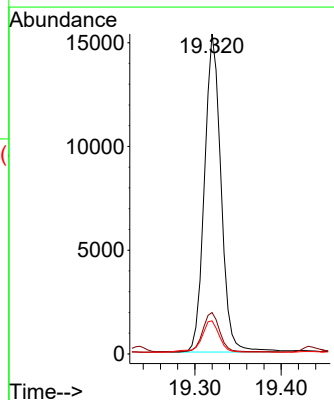
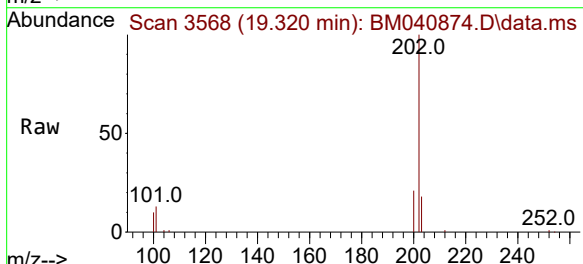
Instrument :
 BNA_M
 ClientSampleId :
 DCGZ6

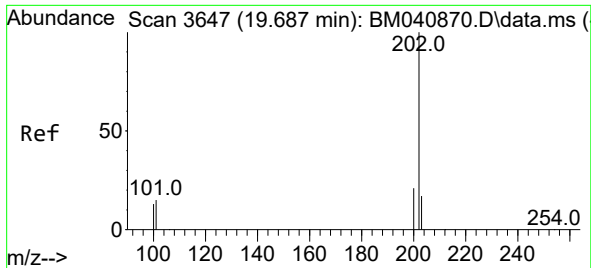
Tgt Ion:178 Resp: 830
 Ion Ratio Lower Upper
 178 100
 179 31.4 12.9 19.3#
 176 28.6 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.634 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.009 min
 Lab File: BM040874.D
 Acq: 14 Jul 2023 11:53

Tgt Ion:202 Resp: 20445
 Ion Ratio Lower Upper
 202 100
 101 12.9 11.4 17.0
 100 10.3 8.7 13.1

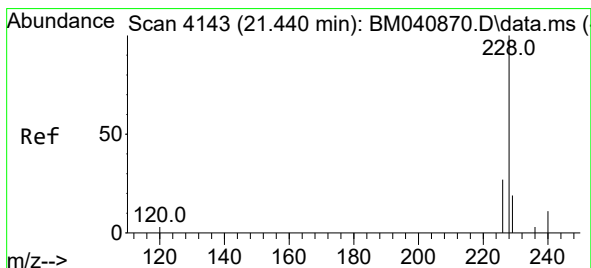
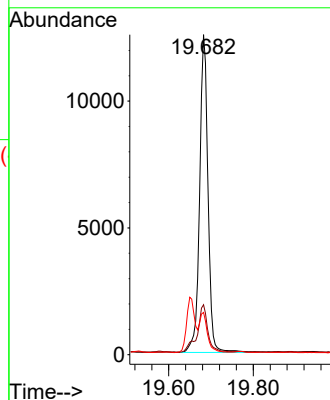
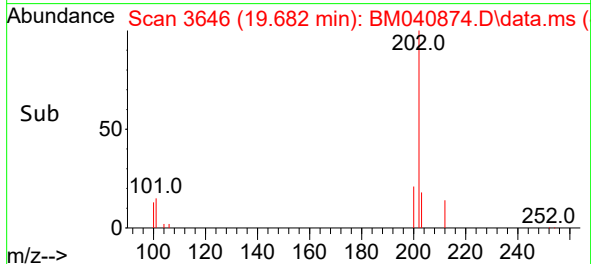
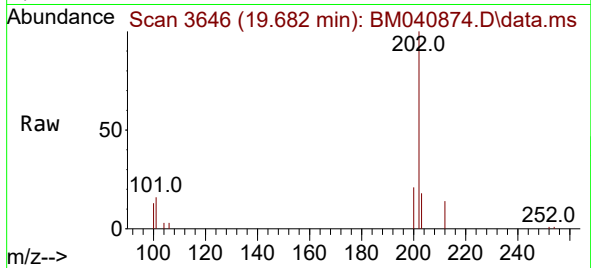




#20
Pyrene
Concen: 0.498 ng/ul
RT: 19.682 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040874.D
Acq: 14 Jul 2023 11:53

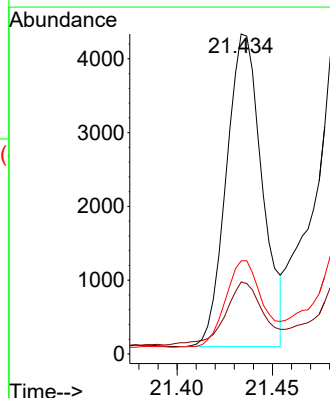
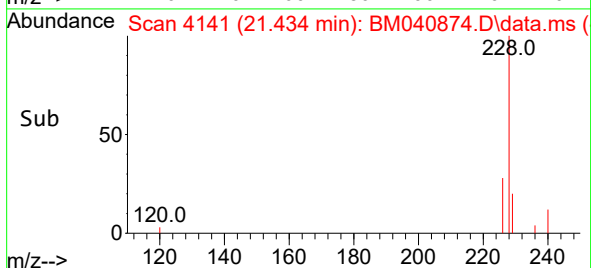
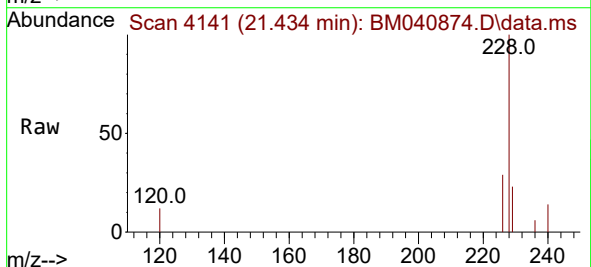
Instrument :
BNA_M
ClientSampleId :
DCGZ6

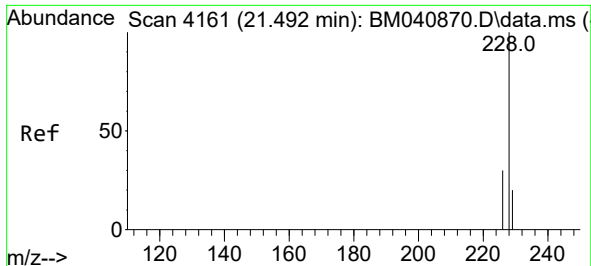
Tgt Ion:202 Resp: 17244
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 13.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.215 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. -0.012 min
Lab File: BM040874.D
Acq: 14 Jul 2023 11:53

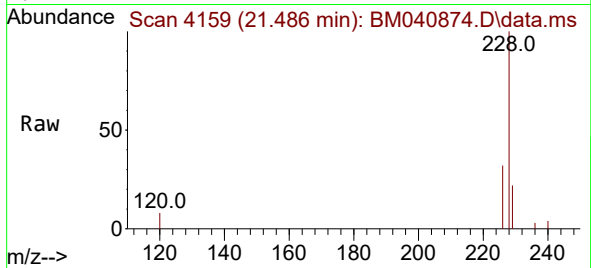
Tgt Ion:228 Resp: 5533
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 29.1 22.3 33.5



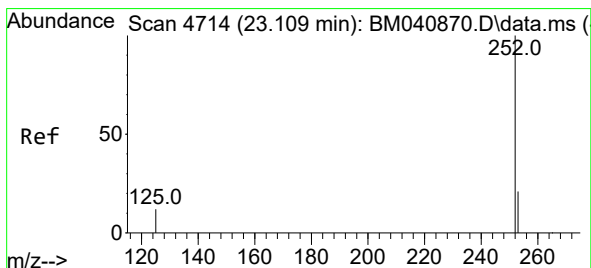
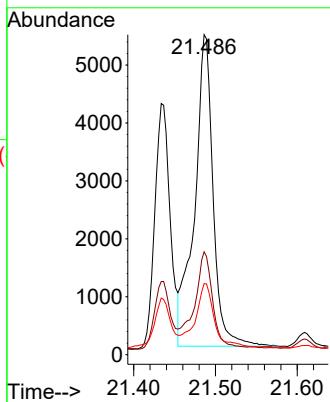
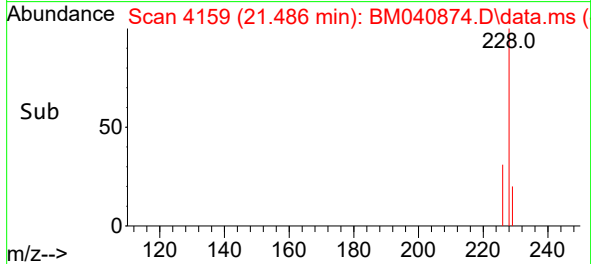


#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040874.D
Acq: 14 Jul 2023 11:53

Instrument :
BNA_M
ClientSampleId :
DCGZ6

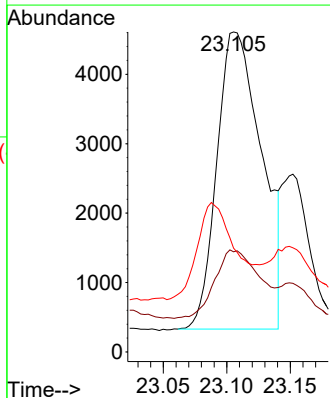
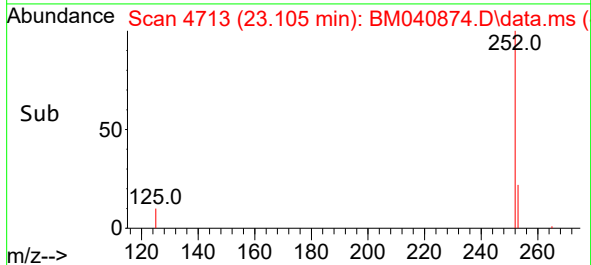
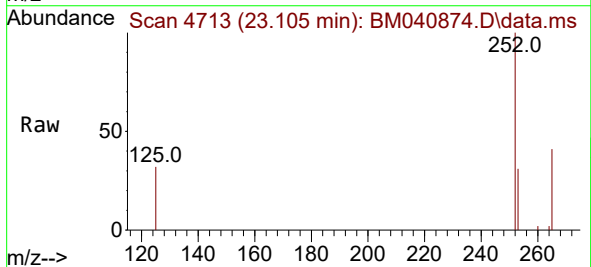


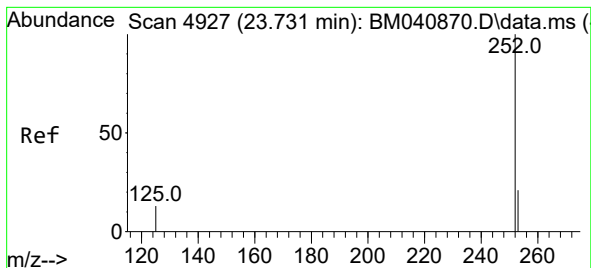
Tgt Ion:	228	Resp:	8504
Ion Ratio	100	Lower	Upper
226	32.2	24.9	37.3
229	22.2	15.8	23.6



#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.015 min
Lab File: BM040874.D
Acq: 14 Jul 2023 11:53

Tgt Ion:	252	Resp:	10509
Ion Ratio	100	Lower	Upper
253	31.3	0.0	52.8
125	32.5	0.0	43.0





#26

Benzo(a)pyrene

Concen: 0.131 ng/ul

RT: 23.722 min Scan# 4927

Delta R.T. -0.017 min

Lab File: BM040874.D

Acq: 14 Jul 2023 11:53

Instrument :

BNA_M

ClientSampleId :

DCGZ6

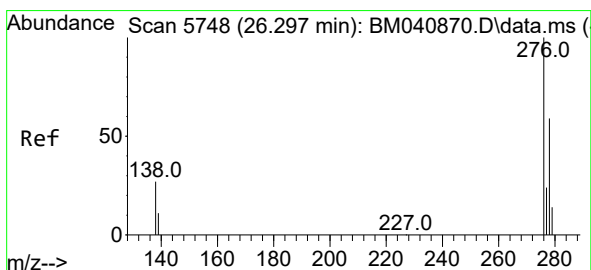
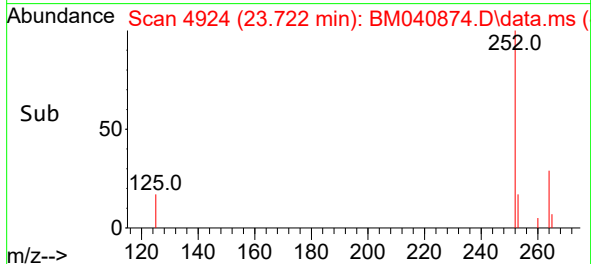
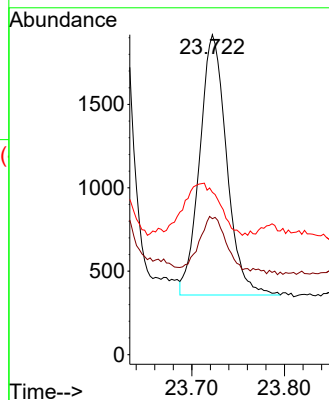
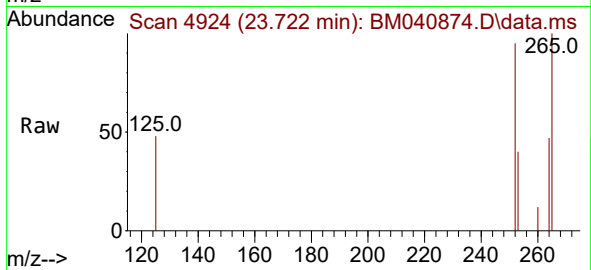
Tgt Ion:252 Resp: 3163

Ion Ratio Lower Upper

252 100

253 42.5 22.9 34.3#

125 50.7 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.133 ng/ul

RT: 26.290 min Scan# 5746

Delta R.T. -0.017 min

Lab File: BM040874.D

Acq: 14 Jul 2023 11:53

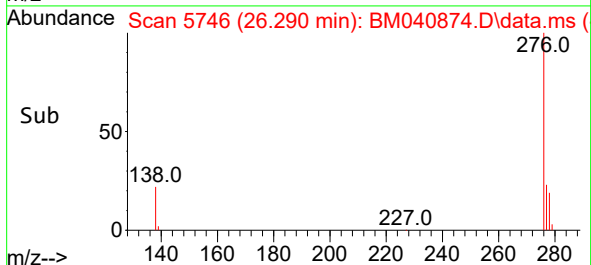
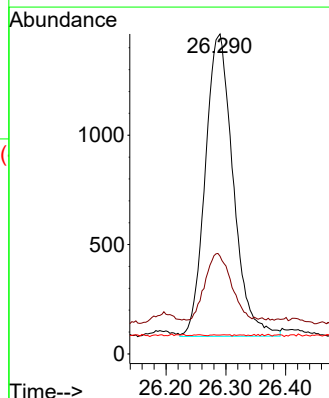
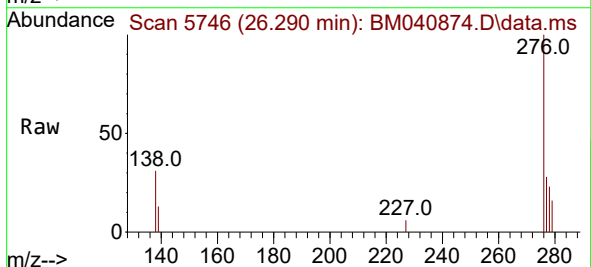
Tgt Ion:276 Resp: 4472

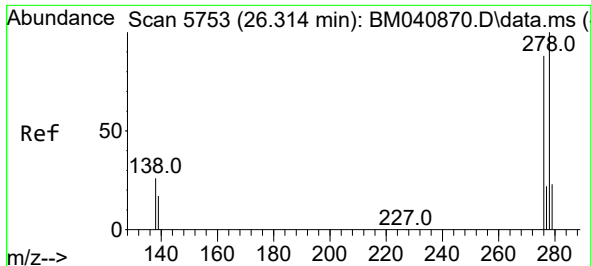
Ion Ratio Lower Upper

276 100

138 24.7 24.5 36.7

227 0.1 0.1 0.1

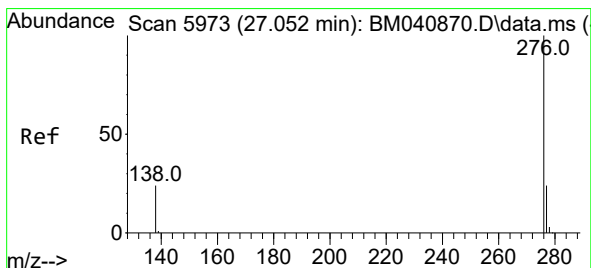
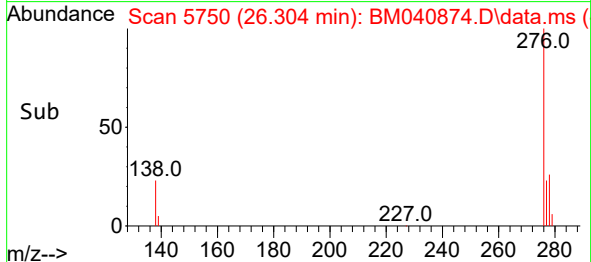
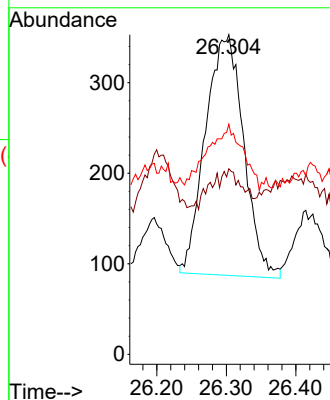
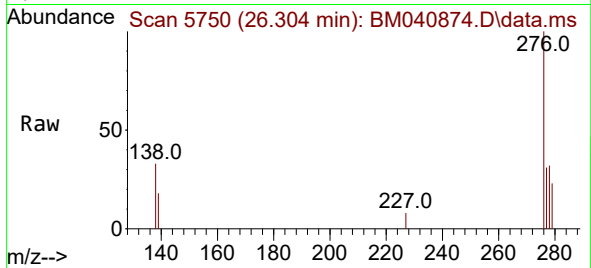




#28
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 26.304 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BM040874.D
 Acq: 14 Jul 2023 11:53

Instrument :
 BNA_M
 ClientSampleId :
 DCGZ6

Tgt Ion:278 Resp: 1014
 Ion Ratio Lower Upper
 278 100
 139 58.1 17.9 26.9#
 279 72.0 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.156 ng/ul
 RT: 27.048 min Scan# 5972
 Delta R.T. -0.020 min
 Lab File: BM040874.D
 Acq: 14 Jul 2023 11:53

Tgt Ion:276 Resp: 4602
 Ion Ratio Lower Upper
 276 100
 138 31.5 23.0 34.6
 277 28.4 20.3 30.5

