

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040939.D
 Acq On : 18 Jul 2023 01:36
 Operator : MA/JU
 Sample : 03458-22MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 18 02:48:56 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

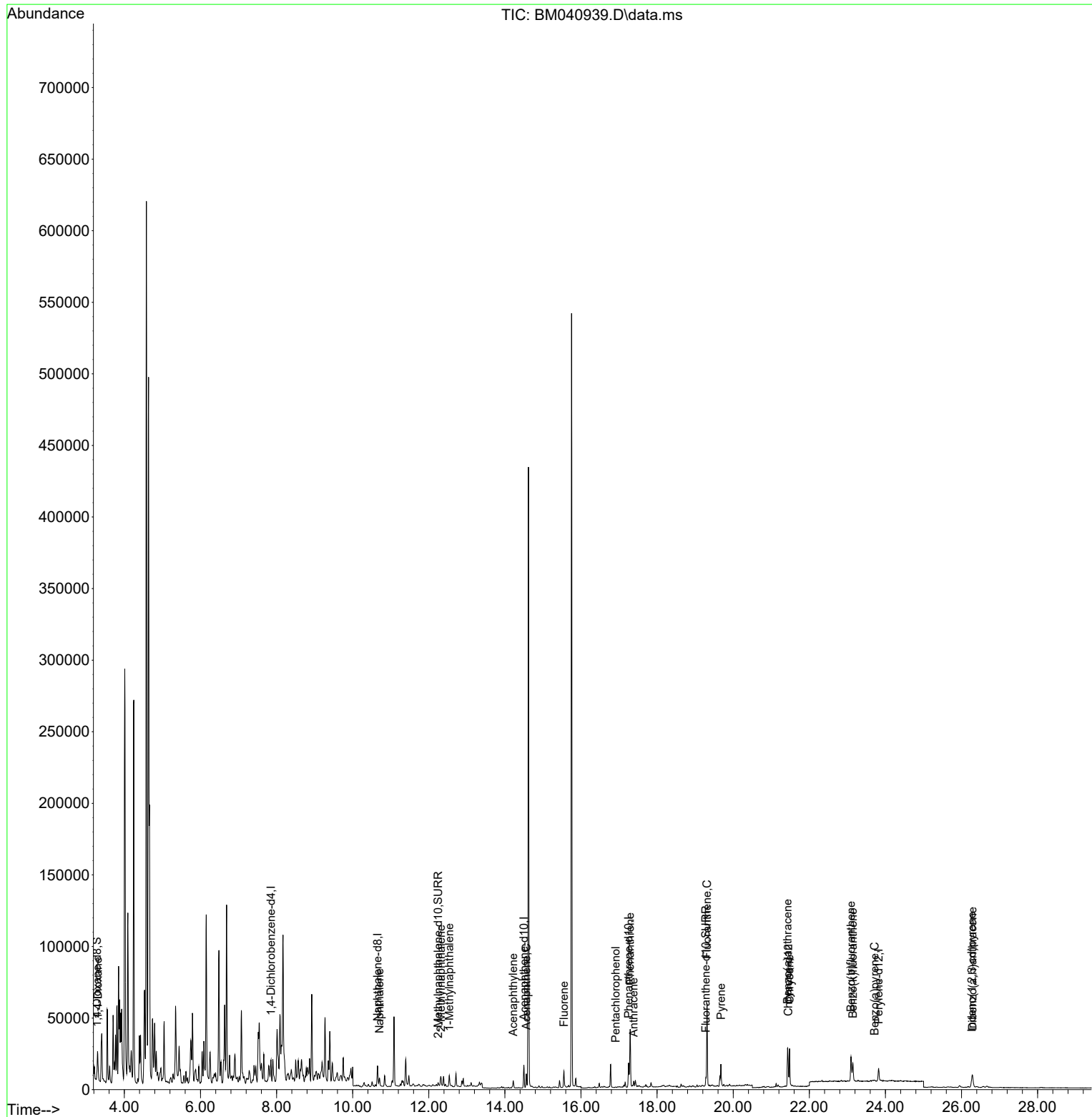
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	7354	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	19997	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.500	164	8408	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	26287	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	12310	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	12472	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3089	0.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	3237	0.115	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	6847	0.173	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.309	88	4984	0.424	ng/ul#	1
5) Naphthalene	10.702	128	8458	0.153	ng/ul	95
7) 2-Methylnaphthalene	12.319	142	4164	0.129	ng/ul	100
8) 1-Methylnaphthalene	12.539	142	4524	0.140	ng/ul	99
10) Acenaphthylene	14.222	152	5958	0.159	ng/ul#	91
11) Acenaphthene	14.560	153	5923	0.187	ng/ul	97
12) Fluorene	15.550	166	7344	0.217	ng/ul	98
14) Pentachlorophenol	16.911	266	160	0.032	ng/ul#	89
15) Phenanthrene	17.291	178	43544	0.533	ng/ul	99
16) Anthracene	17.384	178	4160	0.061	ng/ul#	88
19) Fluoranthene	19.311	202	50281	0.962	ng/ul	99
20) Pyrene	19.678	202	13736	0.245	ng/ul	98
21) Benzo(a)anthracene	21.428	228	21752	0.522	ng/ul	96
22) Chrysene	21.480	228	22967	0.484	ng/ul	96
24) Benzo(b)fluoranthene	23.097	252	24296	0.503	ng/ul	95
25) Benzo(k)fluoranthene	23.143	252	16996	0.357	ng/ul#	90
26) Benzo(a)pyrene	23.714	252	912	0.021	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.274	276	7474	0.123	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.287	278	11752	0.248	ng/ul#	93

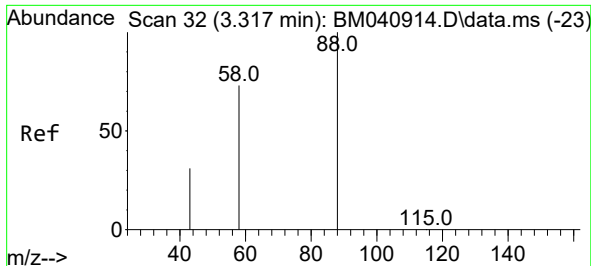
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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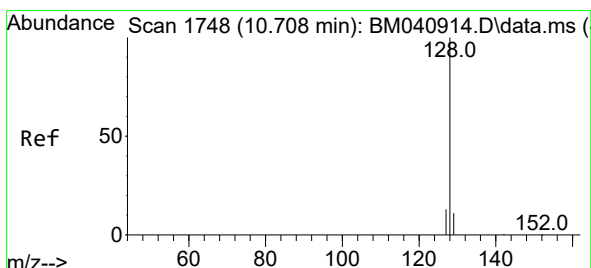
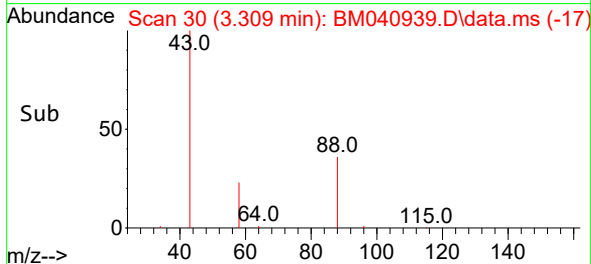
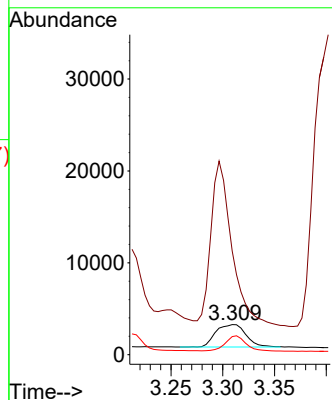
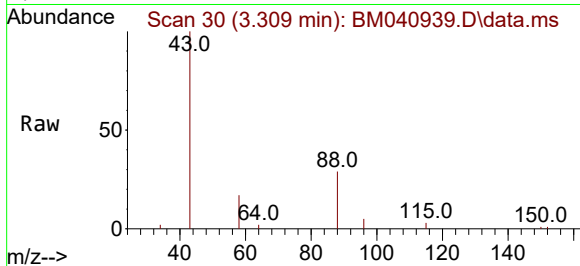




#2
1,4-Dioxane
Concen: 0.424 ng/ul
RT: 3.309 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

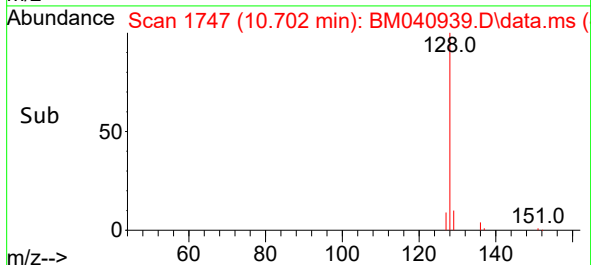
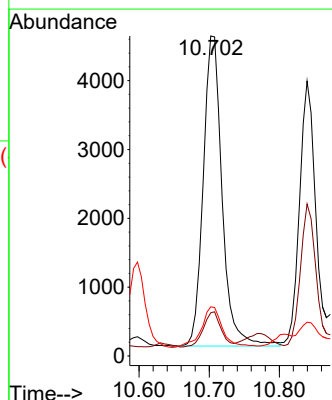
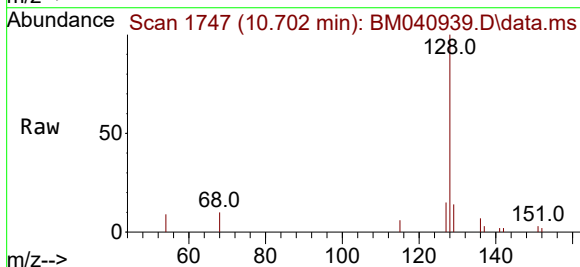
Instrument :
BNA_P
ClientSampleId :

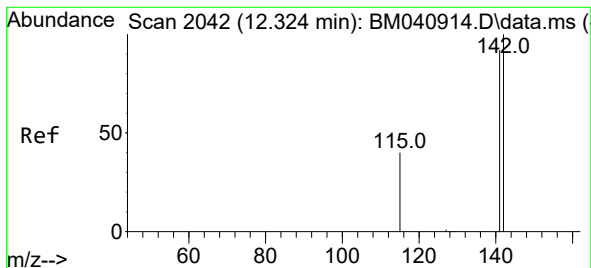
Tgt Ion: 88 Resp: 4984
Ion Ratio Lower Upper
88 100
43 343.8 36.1 54.1#
58 60.2 49.8 74.8



#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Tgt Ion: 128 Resp: 8458
Ion Ratio Lower Upper
128 100
129 13.5 9.2 13.8
127 15.3 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.129 ng/ul

RT: 12.319 min Scan# 2041

Delta R.T. -0.011 min

Lab File: BM040939.D

Acq: 18 Jul 2023 01:36

Instrument :

BNA_P

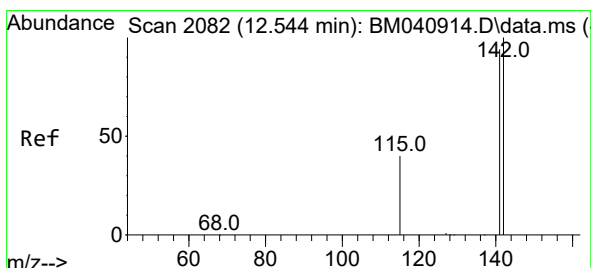
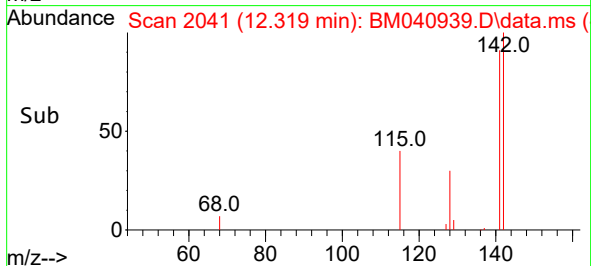
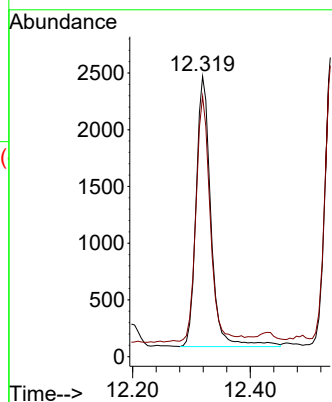
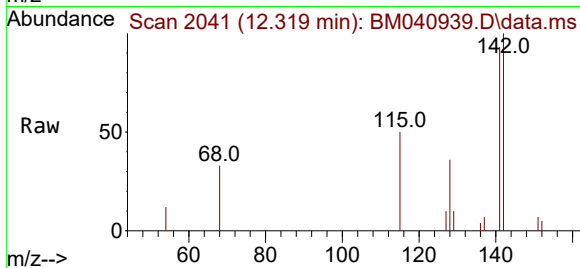
ClientSampleId :

Tgt Ion:142 Resp: 4164

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.140 ng/ul

RT: 12.539 min Scan# 2081

Delta R.T. -0.011 min

Lab File: BM040939.D

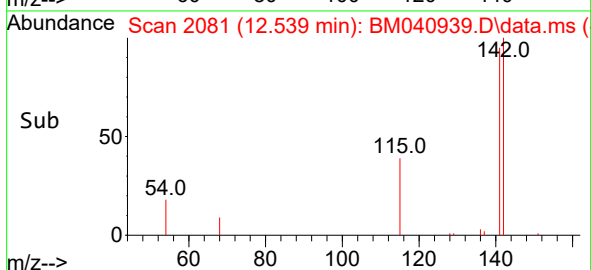
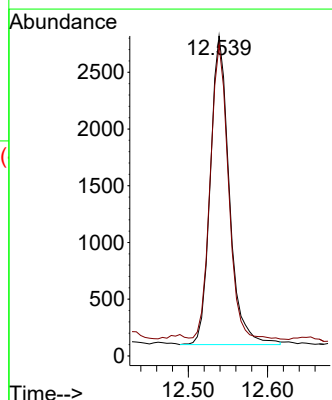
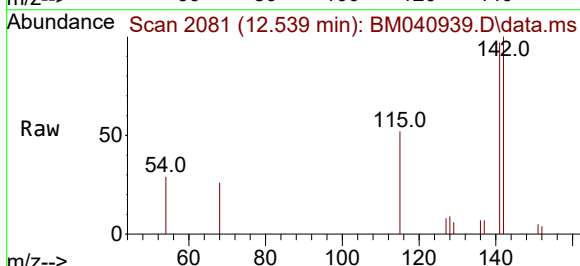
Acq: 18 Jul 2023 01:36

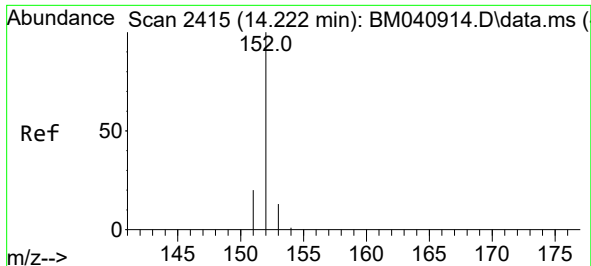
Tgt Ion:142 Resp: 4524

Ion Ratio Lower Upper

142 100

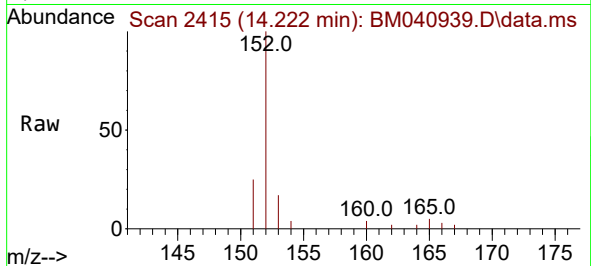
141 91.2 73.7 110.5



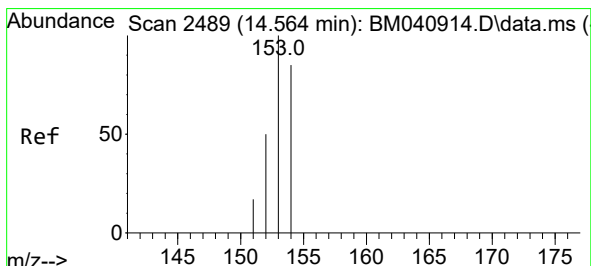
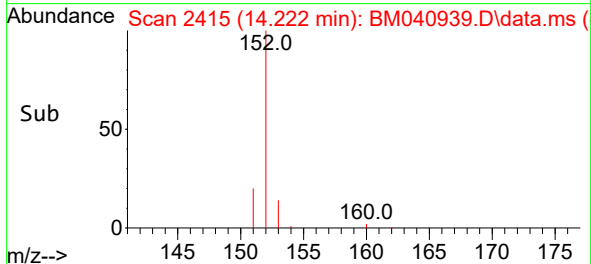
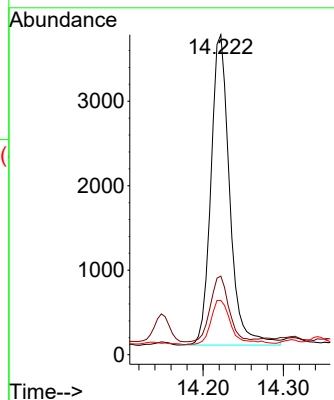


#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Instrument :
BNA_P
ClientSampleId :

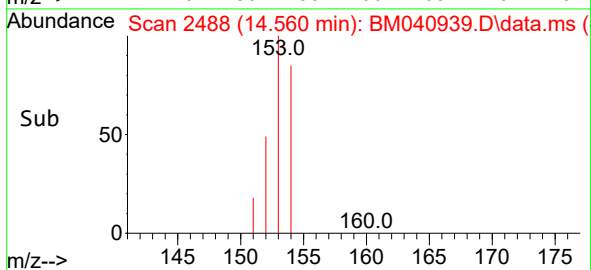
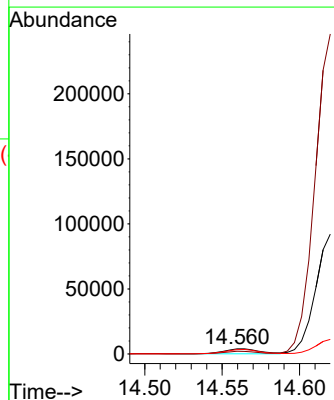
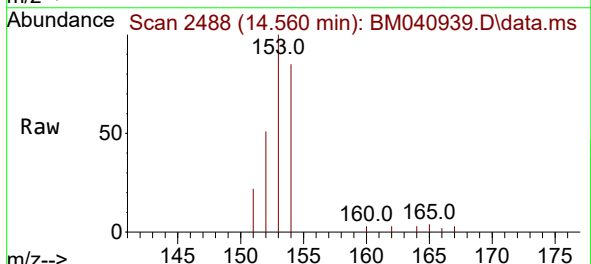


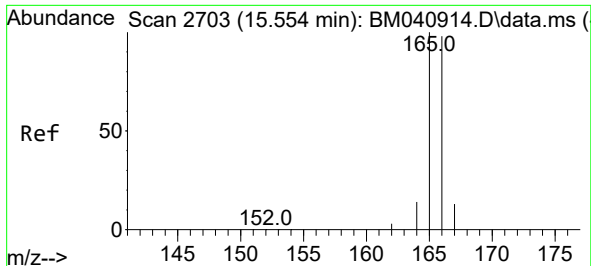
Tgt Ion:152 Resp: 5958
Ion Ratio Lower Upper
152 100
151 24.5 16.2 24.2#
153 16.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Tgt Ion:153 Resp: 5923
Ion Ratio Lower Upper
153 100
152 51.3 41.0 61.4
154 84.5 70.8 106.2

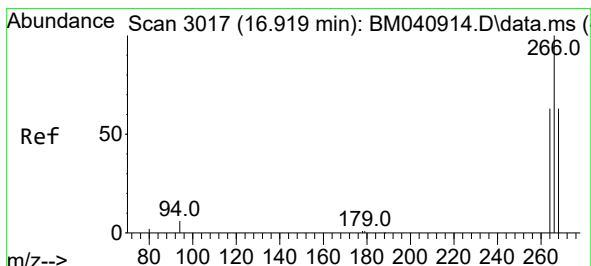
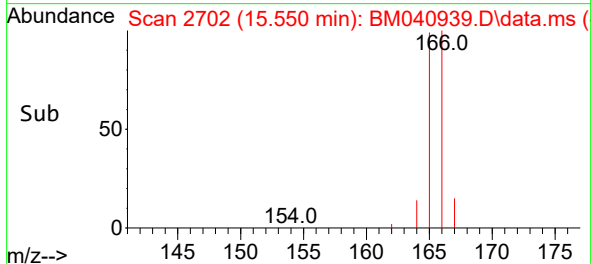
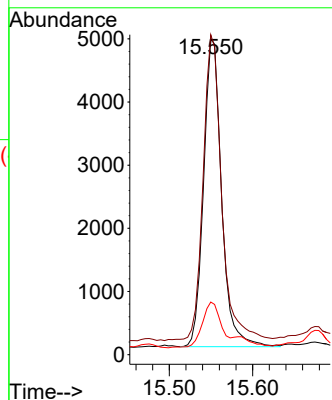
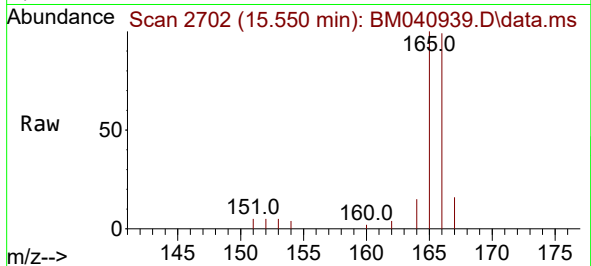




#12
Fluorene
Concen: 0.217 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

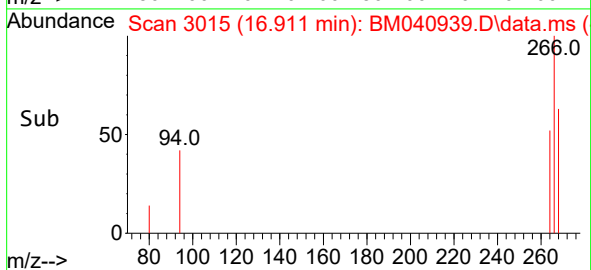
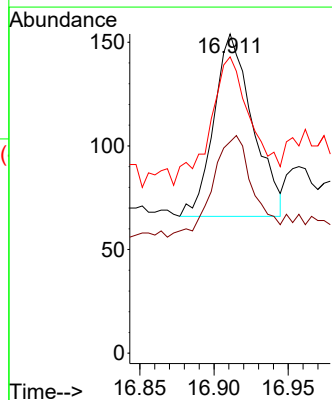
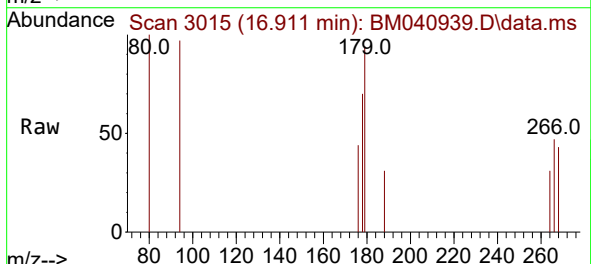
Instrument :
BNA_P
ClientSampleId :

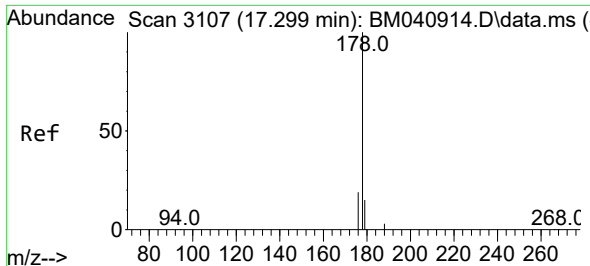
Tgt Ion:166 Resp: 7344
Ion Ratio Lower Upper
166 100
165 101.2 79.6 119.4
167 16.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.911 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

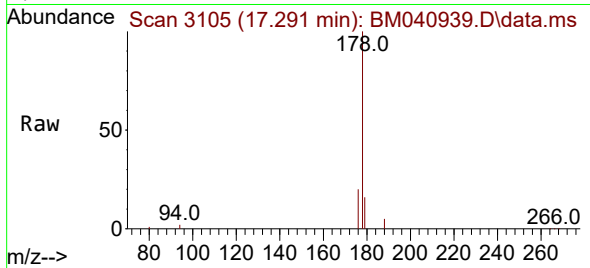
Tgt Ion:266 Resp: 160
Ion Ratio Lower Upper
266 100
264 58.1 45.4 68.0
268 74.4 47.2 70.8#



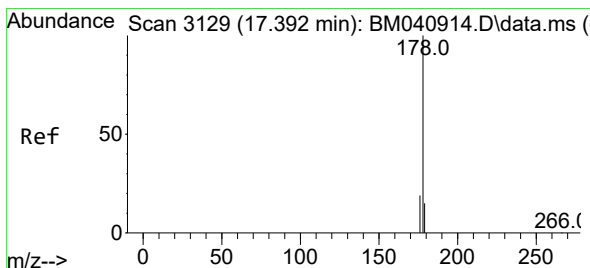
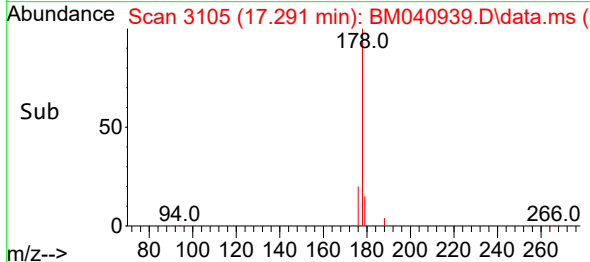
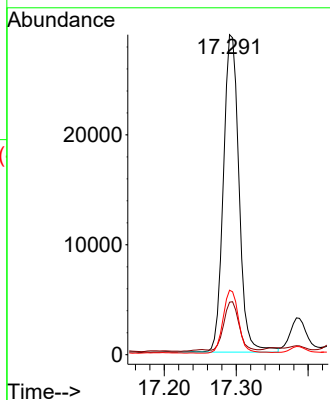


#15
Phenanthrene
Concen: 0.533 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Instrument :
BNA_P
ClientSampleId :

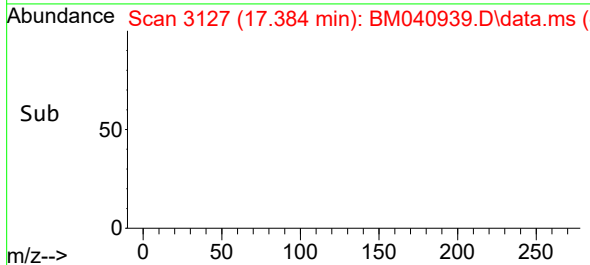
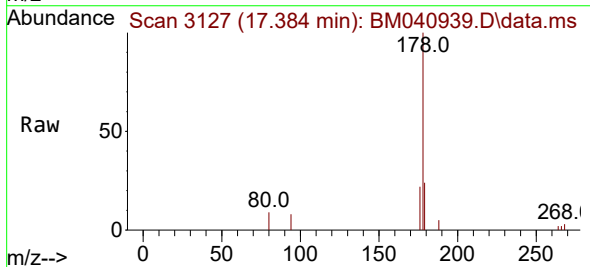
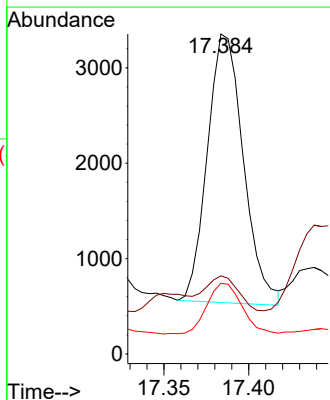


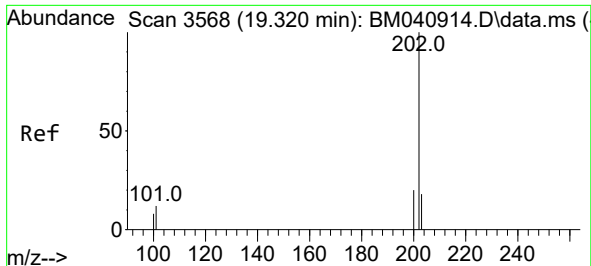
Tgt Ion:178 Resp: 43544
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 20.1 16.4 24.6



#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Tgt Ion:178 Resp: 4160
Ion Ratio Lower Upper
178 100
179 24.4 12.9 19.3#
176 22.1 15.8 23.6

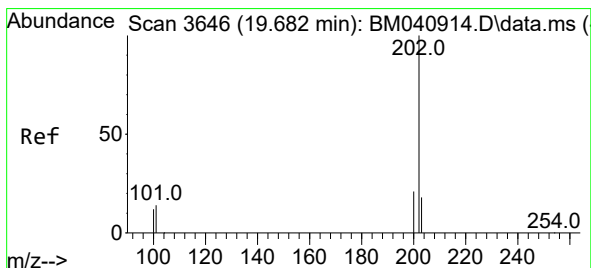
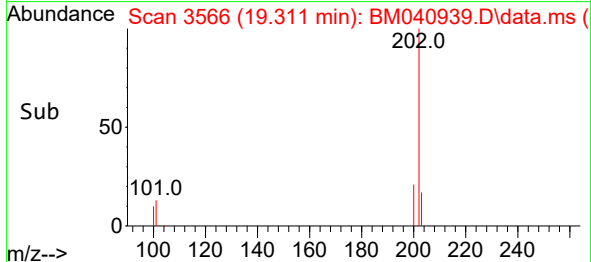
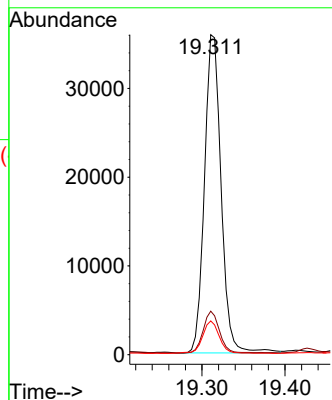
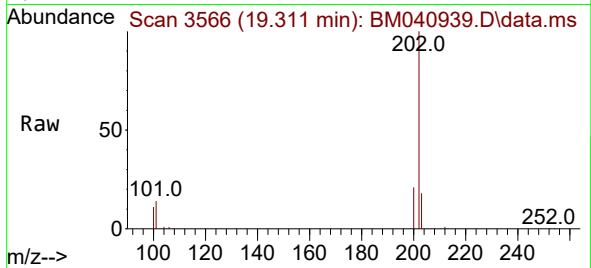




#19
Fluoranthene
Concen: 0.962 ng/ul
RT: 19.311 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

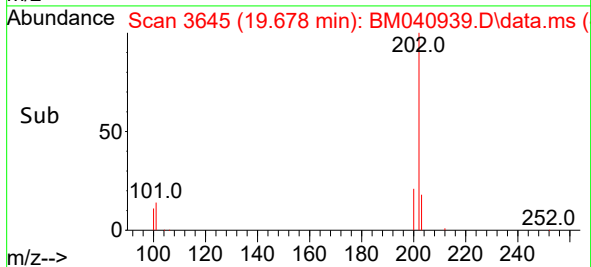
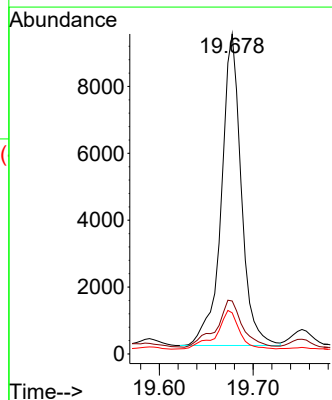
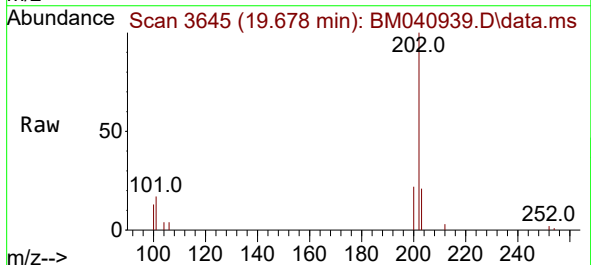
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BNA_P
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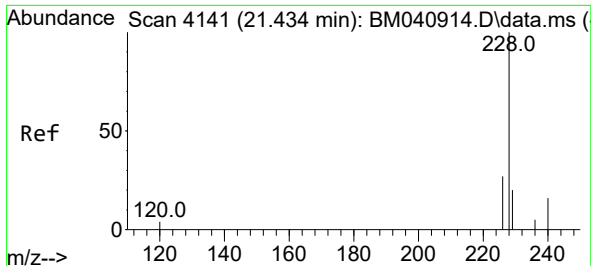
Tgt Ion:202 Resp: 50281
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.245 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

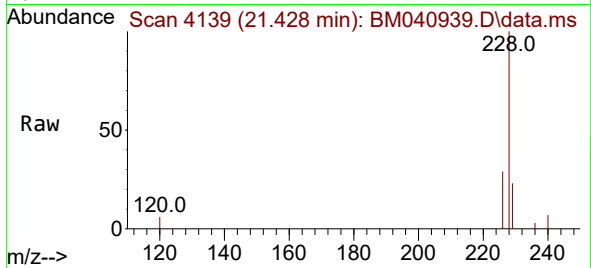
Tgt Ion:202 Resp: 13736
Ion Ratio Lower Upper
202 100
101 16.5 12.6 18.8
100 12.9 9.8 14.6



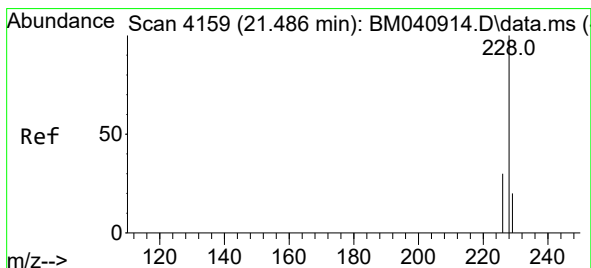
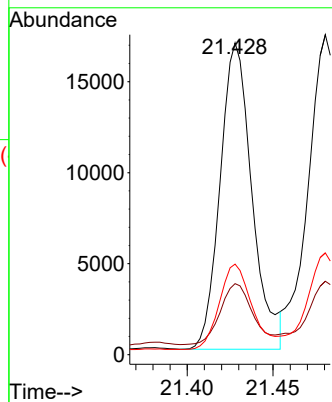
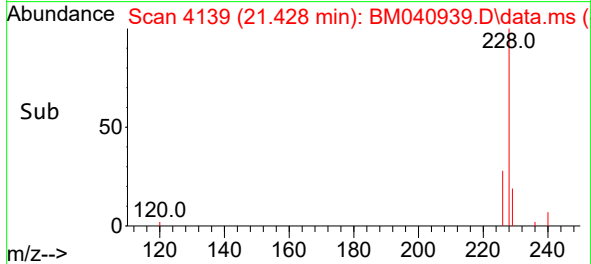


#21
Benzo(a)anthracene
Concen: 0.522 ng/ul
RT: 21.428 min Scan# 41139
Delta R.T. -0.006 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Instrument :
BNA_P
ClientSampleId :

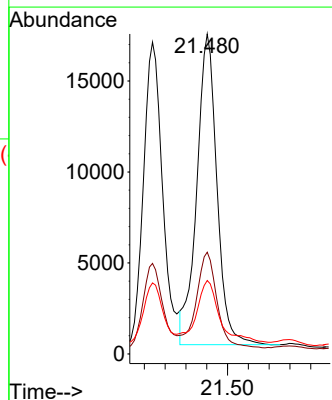
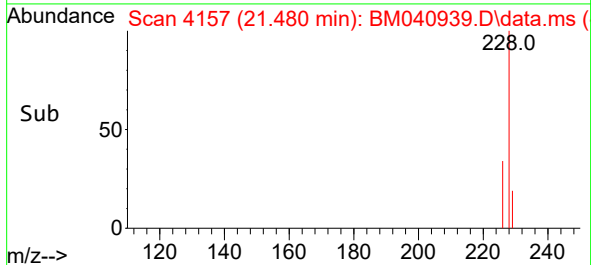
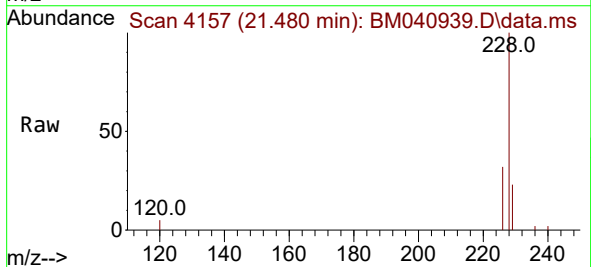


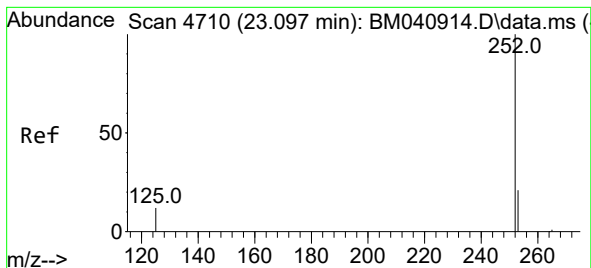
Tgt Ion:228 Resp: 21752
Ion Ratio Lower Upper
228 100
229 22.8 16.0 24.0
226 29.0 22.3 33.5



#22
Chrysene
Concen: 0.484 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040939.D
Acq: 18 Jul 2023 01:36

Tgt Ion:228 Resp: 22967
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 22.9 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.503 ng/ul

RT: 23.097 min Scan# 4710

Delta R.T. -0.006 min

Lab File: BM040939.D

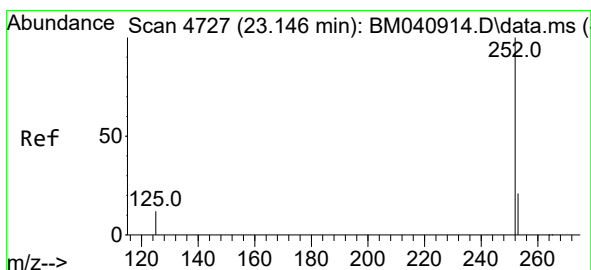
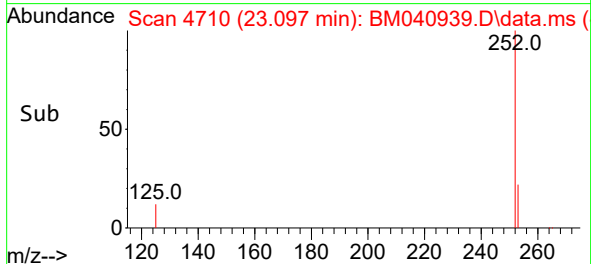
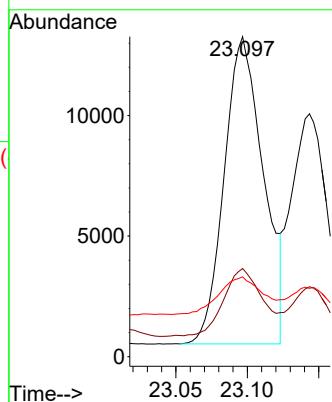
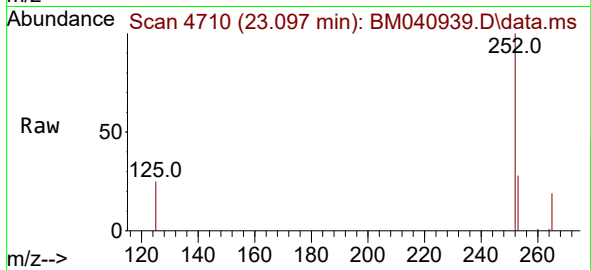
Acq: 18 Jul 2023 01:36

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:252	Resp:	24296
Ion Ratio	Lower	Upper
252	100	
253	27.6	0.0 52.8
125	24.9	0.0 43.0



#25

Benzo(k)fluoranthene

Concen: 0.357 ng/ul

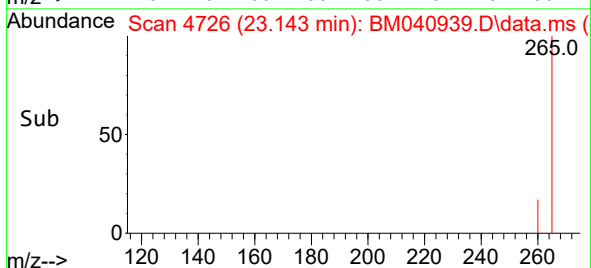
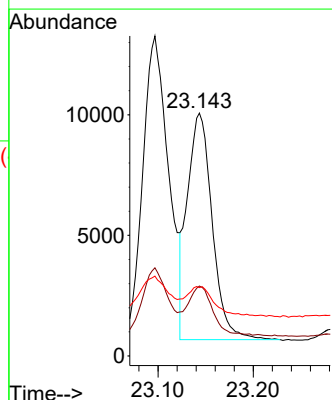
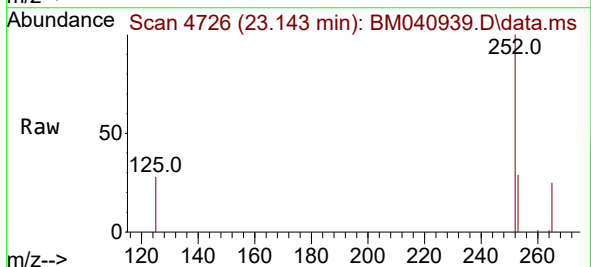
RT: 23.143 min Scan# 4726

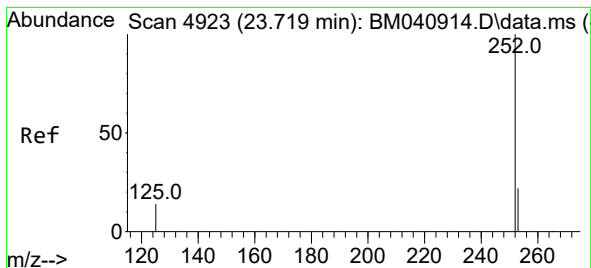
Delta R.T. -0.006 min

Lab File: BM040939.D

Acq: 18 Jul 2023 01:36

Tgt Ion:252	Resp:	16996
Ion Ratio	Lower	Upper
252	100	
253	28.8	21.2 31.8
125	28.1	16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.714 min Scan# 4921

Delta R.T. -0.009 min

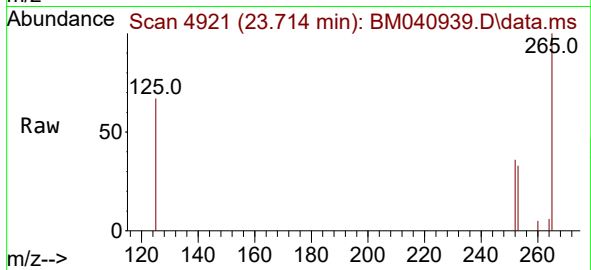
Lab File: BM040939.D

Acq: 18 Jul 2023 01:36

Instrument :

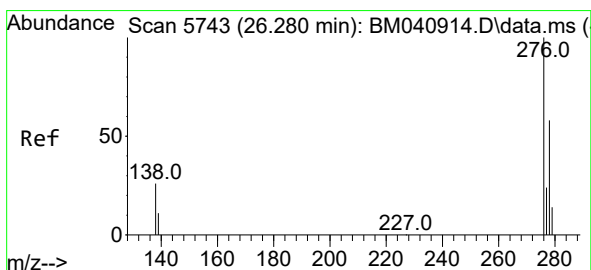
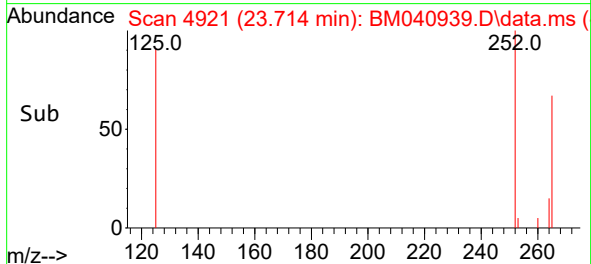
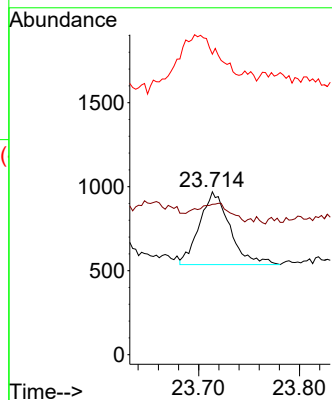
BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 912

Ion	Ratio	Lower	Upper
252	100		
253	92.3	22.9	34.3#
125	184.4	21.0	31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.123 ng/ul

RT: 26.274 min Scan# 5741

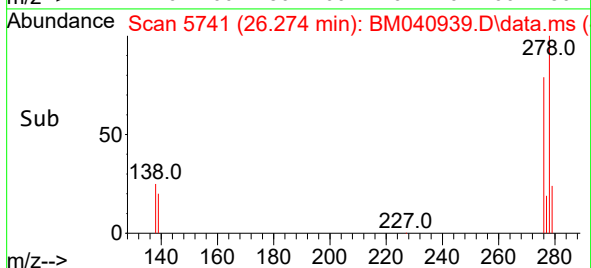
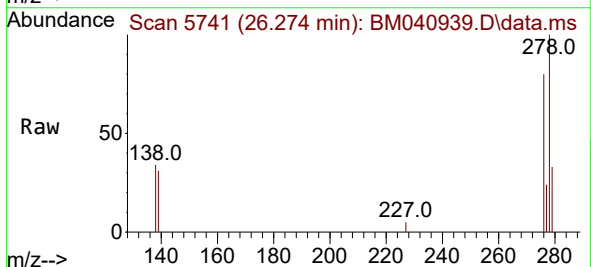
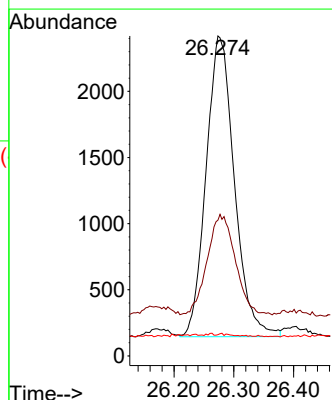
Delta R.T. -0.017 min

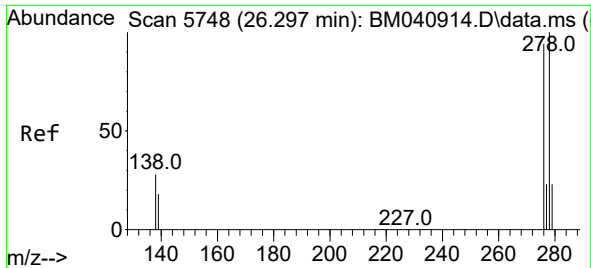
Lab File: BM040939.D

Acq: 18 Jul 2023 01:36

Tgt Ion:276 Resp: 7474

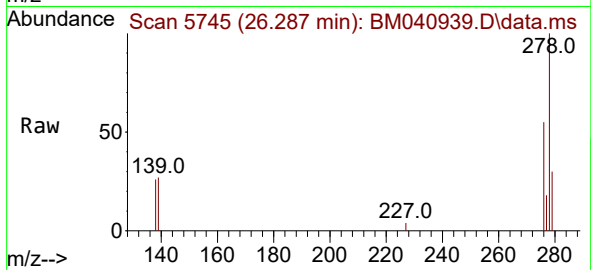
Ion	Ratio	Lower	Upper
276	100		
138	34.5	24.5	36.7
227	0.3	0.1	0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.248 ng/ul
 RT: 26.287 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040939.D
 Acq: 18 Jul 2023 01:36

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 11752
 Ion Ratio Lower Upper
 278 100
 139 26.9 17.9 26.9#
 279 30.3 22.0 33.0

