

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039714.D
 Acq On : 27 Apr 2023 20:11
 Operator : CG/JU
 Sample : 02418-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z3

Quant Time: Apr 28 02:34:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

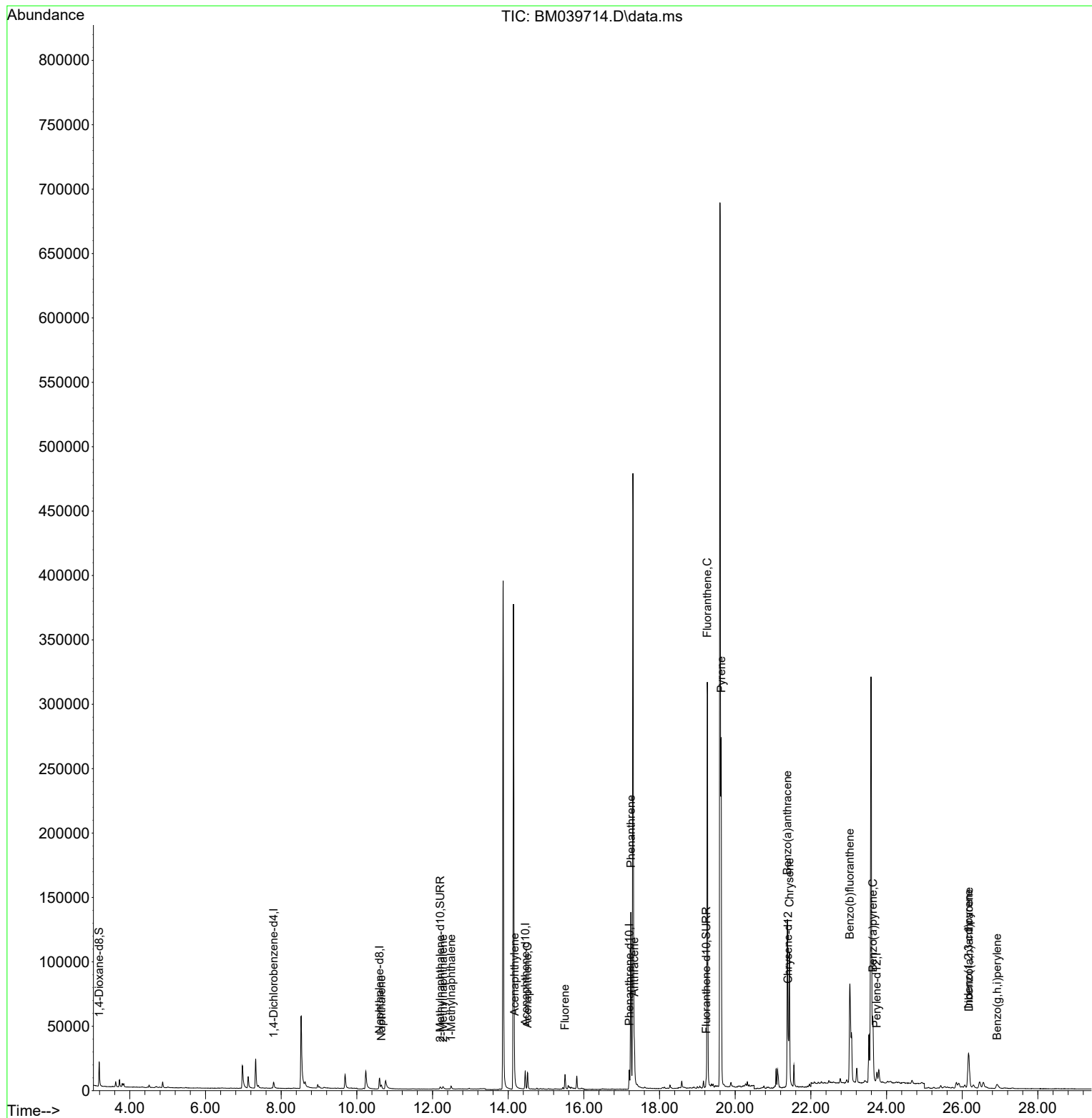
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3609	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.601	136	13606	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	8055	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17737	0.400	ng/ul	-0.02
17) Chrysene-d12	21.396	240	13753	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	11090	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	12060	2.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	3346	0.192	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	8015	0.217	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	4696	0.137	ng/ul#	95
7) 2-Methylnaphthalene	12.278	142	2053	0.104	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	1922	0.091	ng/ul	100
10) Acenaphthylene	14.169	152	4375	0.140	ng/ul#	90
11) Acenaphthene	14.511	153	7750	0.316	ng/ul	99
12) Fluorene	15.501	166	7952	0.293	ng/ul	98
15) Phenanthrene	17.242	178	148870	3.186	ng/ul	98
16) Anthracene	17.335	178	29121	0.726	ng/ul	98
19) Fluoranthene	19.262	202	282079	5.749	ng/ul	100
20) Pyrene	19.629	202	224592	4.239	ng/ul	99
21) Benzo(a)anthracene	21.379	228	114975	2.908	ng/ul	99
22) Chrysene	21.432	228	110733	2.475	ng/ul	99
24) Benzo(b)fluoranthene	23.030	252	133905	3.438	ng/ul	94
26) Benzo(a)pyrene	23.638	252	70857	2.026	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.167	276	50450	1.141	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.177	278	11952	0.348	ng/ul#	91
29) Benzo(g,h,i)perylene	26.922	276	7696	0.200	ng/ul#	84

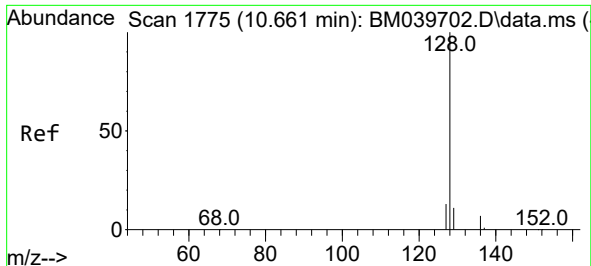
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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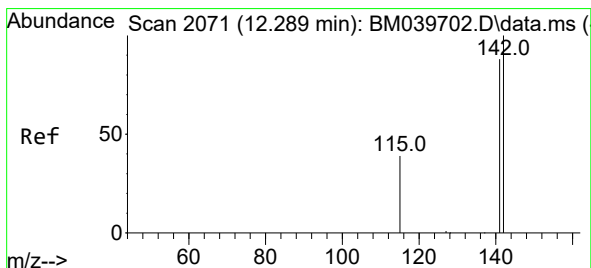
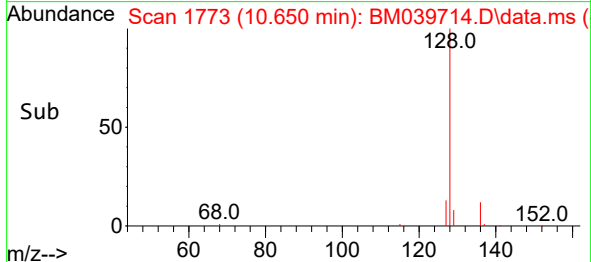
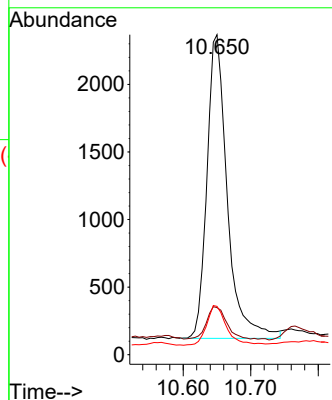
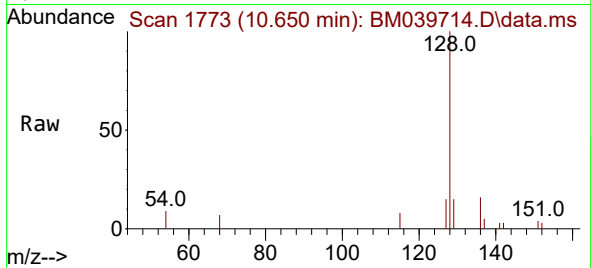




#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

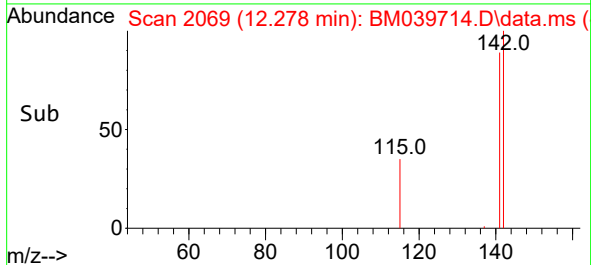
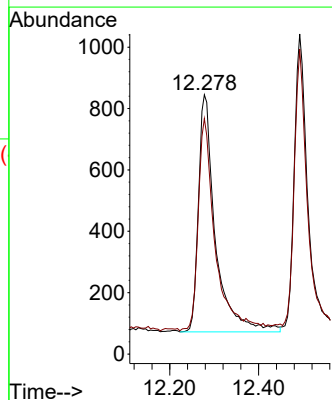
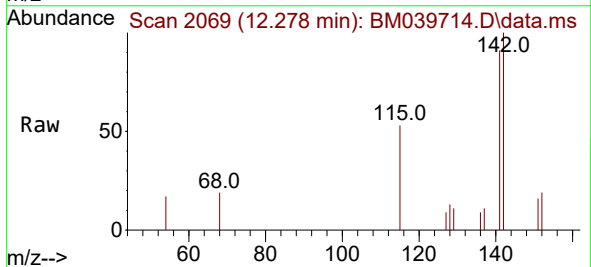
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BNA_M
ClientSampleId :
EW8Z3

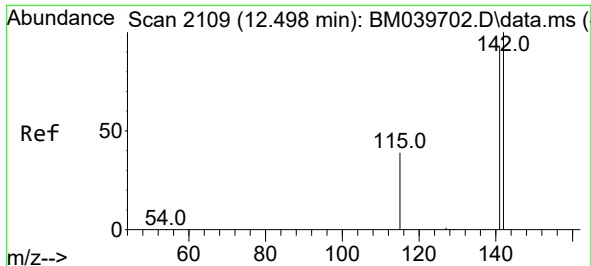
Tgt Ion:128 Resp: 4696
Ion Ratio Lower Upper
128 100
129 14.7 9.8 14.6#
127 15.1 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:142 Resp: 2053
Ion Ratio Lower Upper
142 100
141 89.9 73.2 109.8

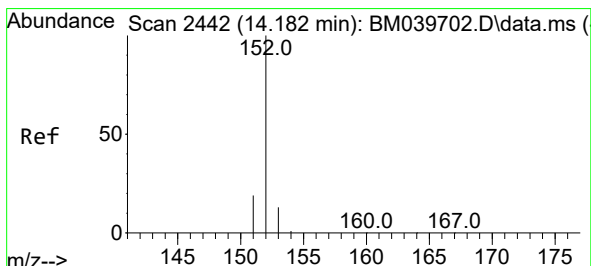
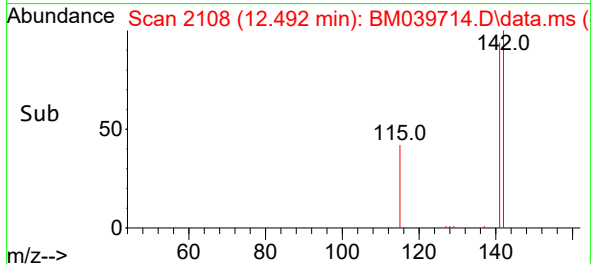
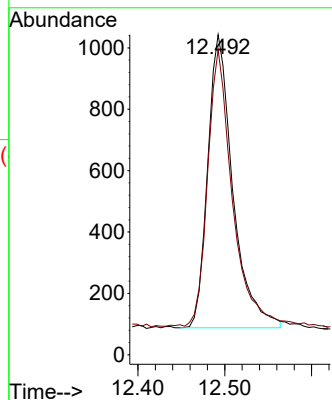
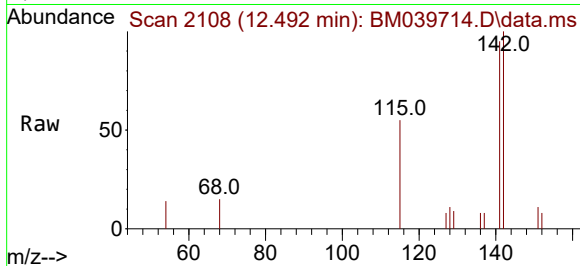




#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.492 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

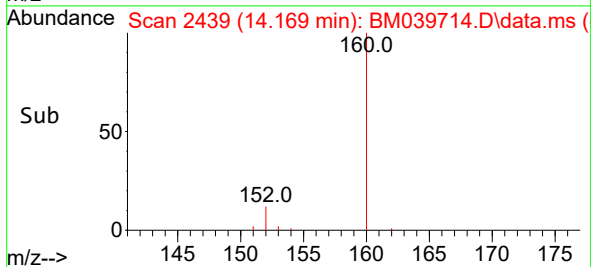
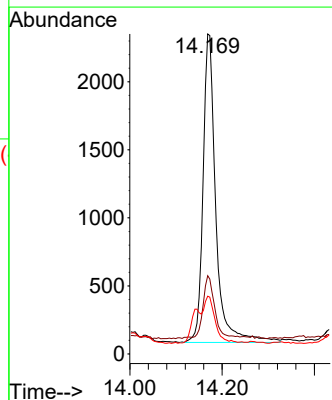
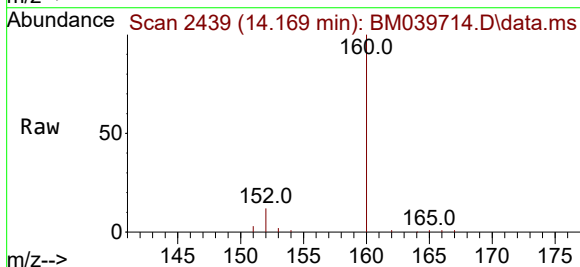
Instrument :
BNA_M
ClientSampleId :
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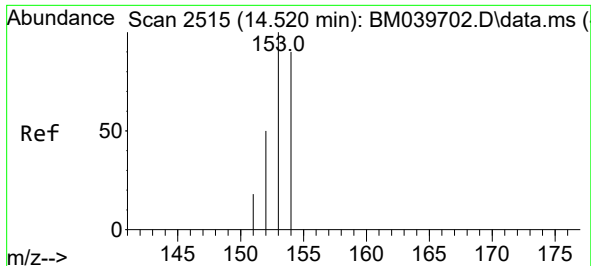
Tgt Ion:142 Resp: 1922
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2



#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:152 Resp: 4375
Ion Ratio Lower Upper
152 100
151 24.4 16.0 24.0#
153 18.0 11.2 16.8#

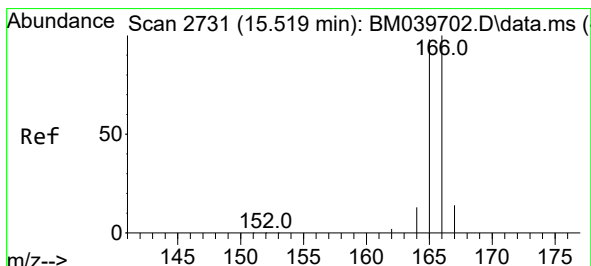
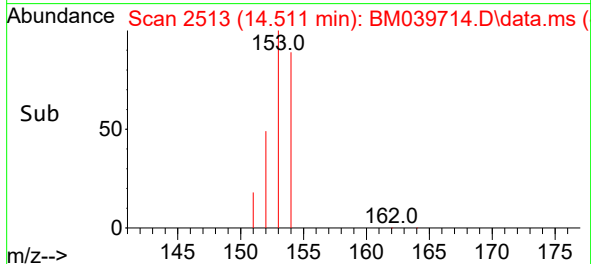
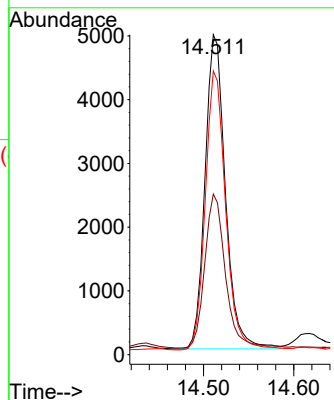
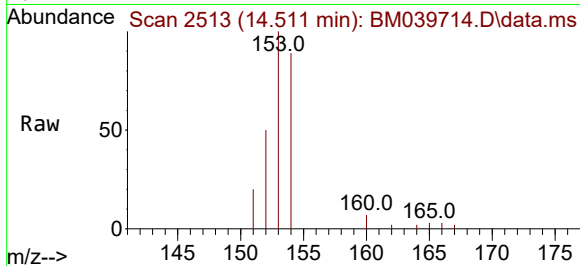




#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

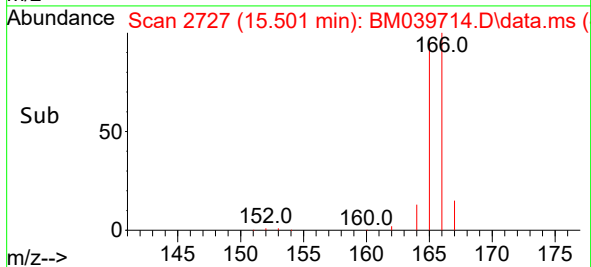
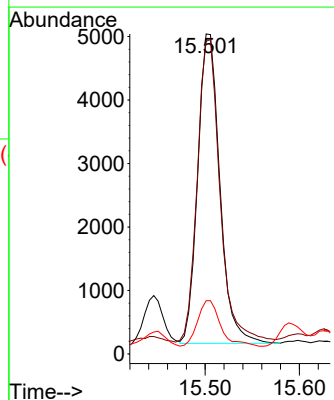
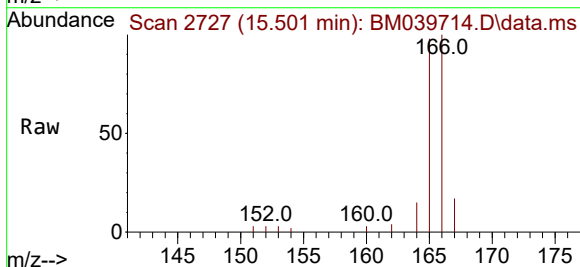
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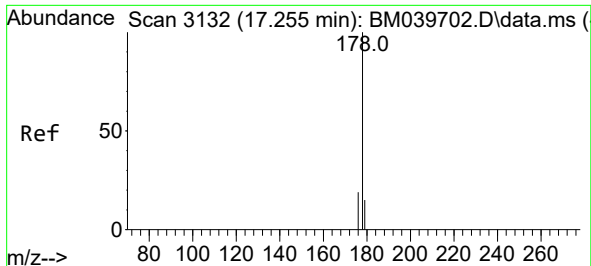
Tgt Ion:153 Resp: 7750
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 88.7 71.9 107.9



#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.018 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:166 Resp: 7952
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 16.7 11.8 17.6

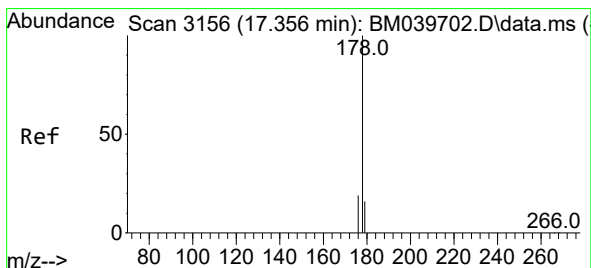
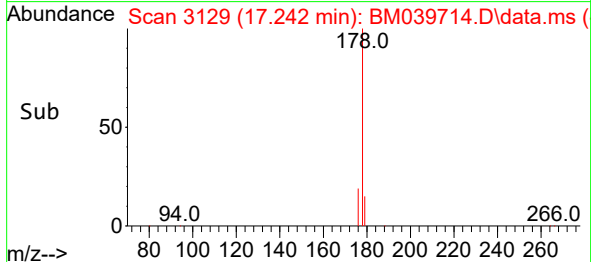
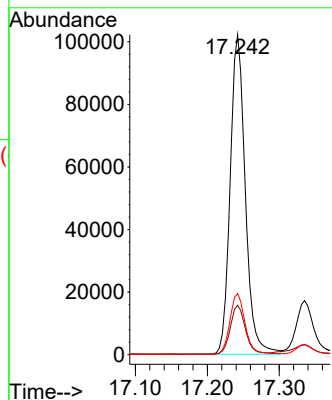
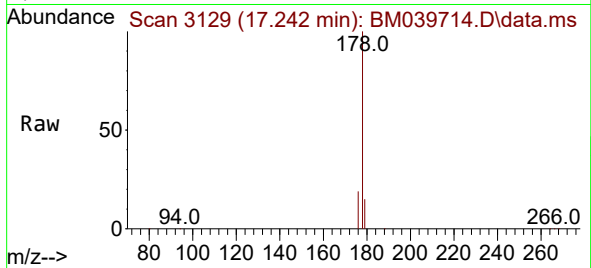




#15
Phenanthrene
Concen: 3.186 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

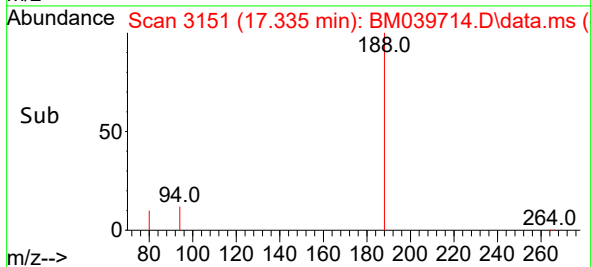
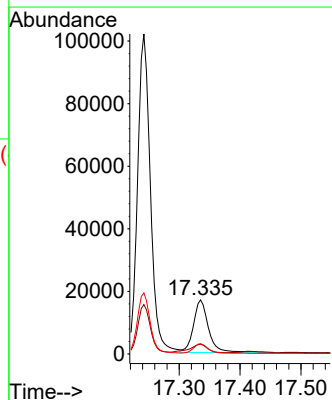
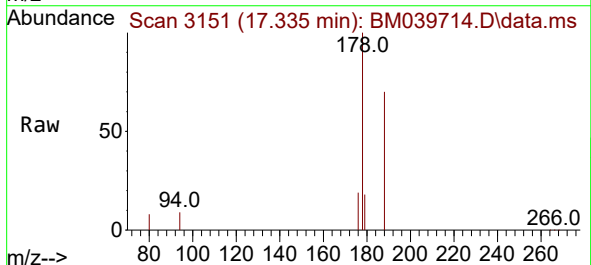
Instrument :
BNA_M
ClientSampleId :
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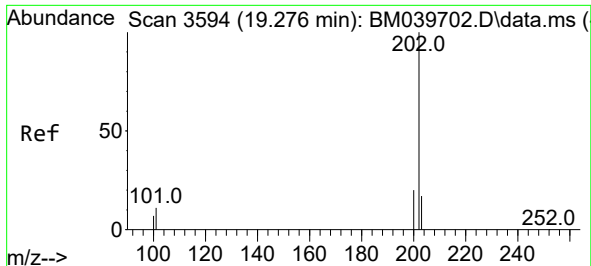
Tgt Ion:178 Resp: 148870
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.1 15.8 23.8



#16
Anthracene
Concen: 0.726 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:178 Resp: 29121
Ion Ratio Lower Upper
178 100
179 18.0 13.8 20.6
176 19.0 15.8 23.8

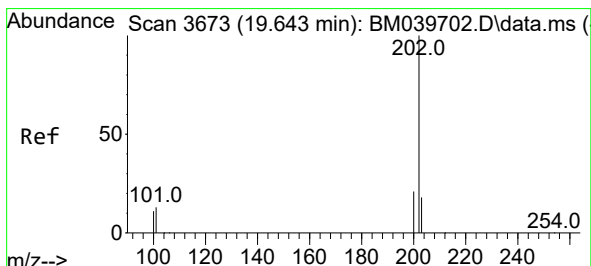
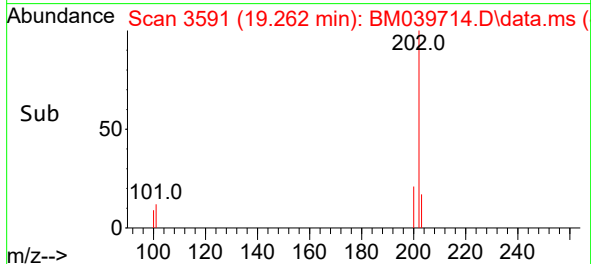
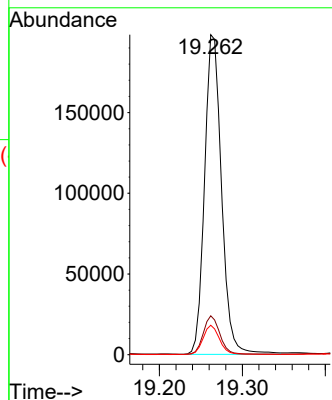
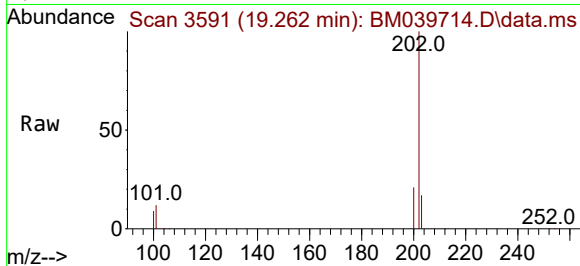




#19
Fluoranthene
Concen: 5.749 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

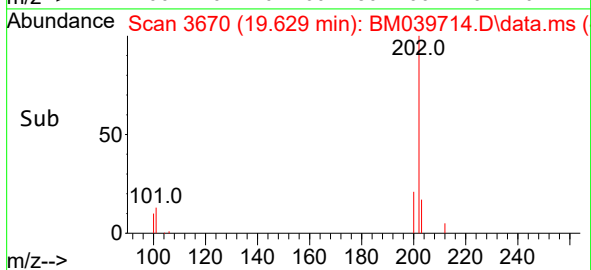
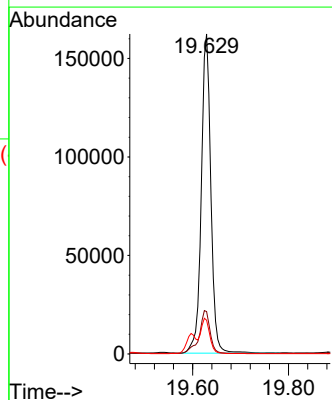
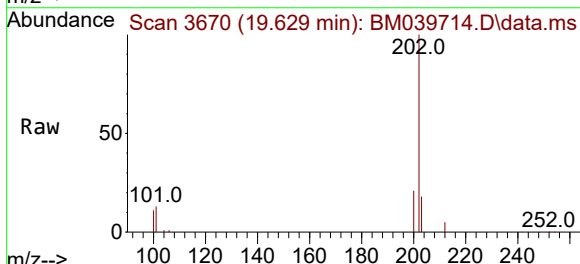
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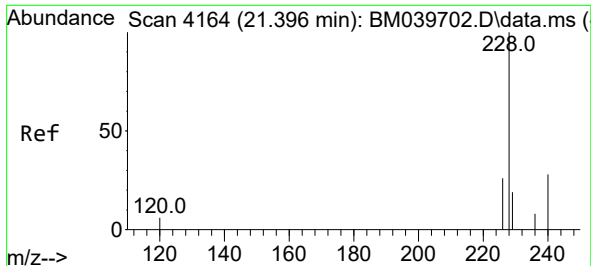
Tgt Ion:202 Resp: 282079
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
100 9.2 7.3 10.9



#20
Pyrene
Concen: 4.239 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:202 Resp: 224592
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.6 8.9 13.3

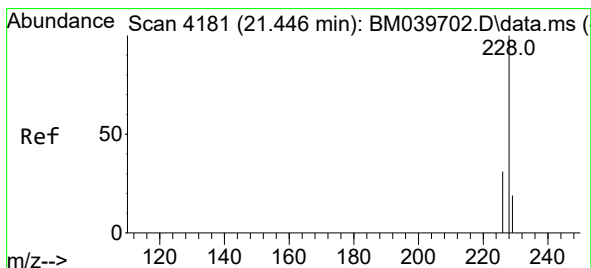
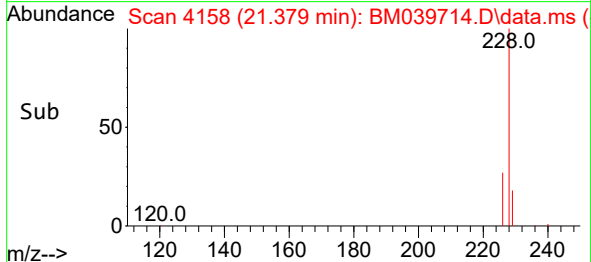
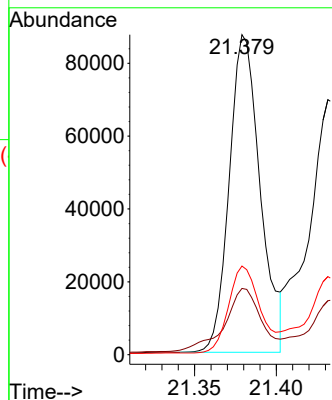
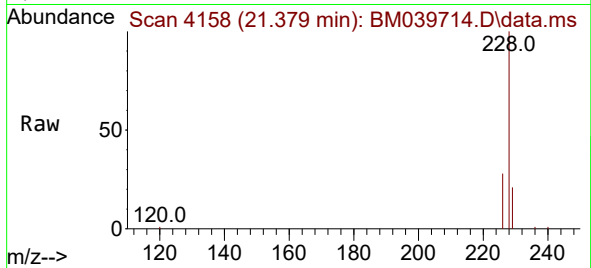




#21
Benzo(a)anthracene
Concen: 2.908 ng/ul
RT: 21.379 min Scan# 4116
Delta R.T. -0.017 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

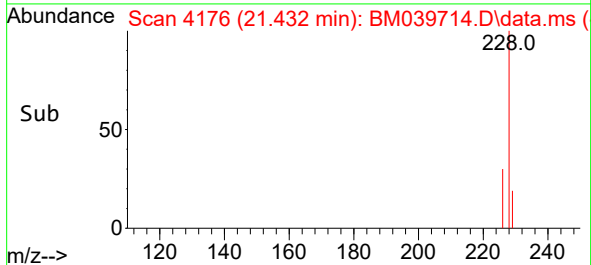
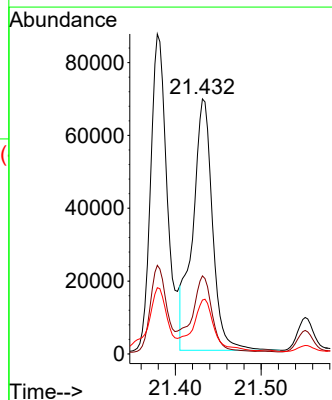
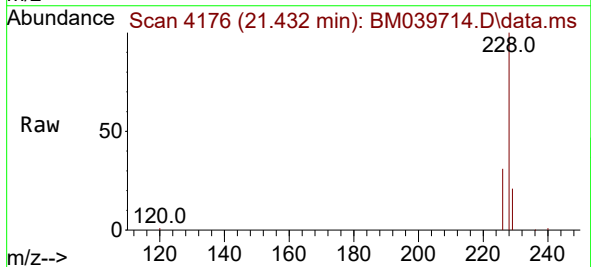
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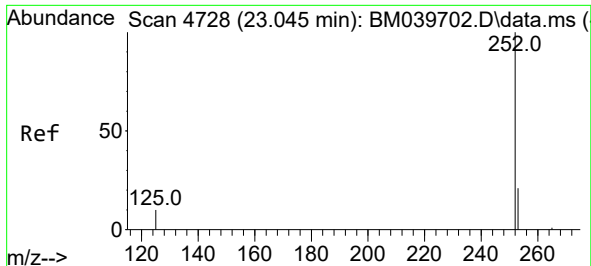
Tgt Ion:228 Resp: 114975
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 27.7 21.6 32.4



#22
Chrysene
Concen: 2.475 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.015 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:228 Resp: 110733
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.2 15.9 23.9

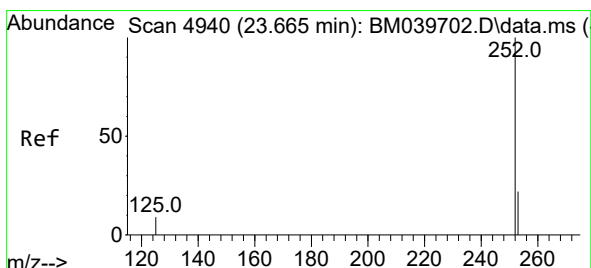
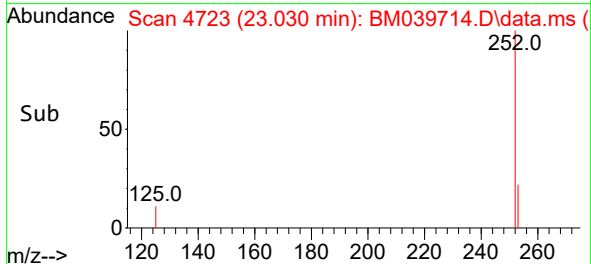
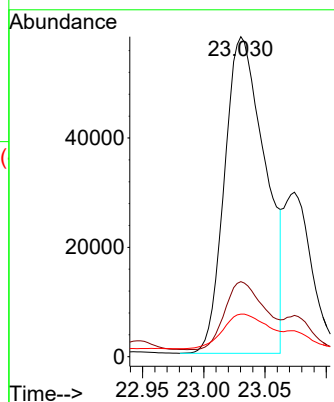
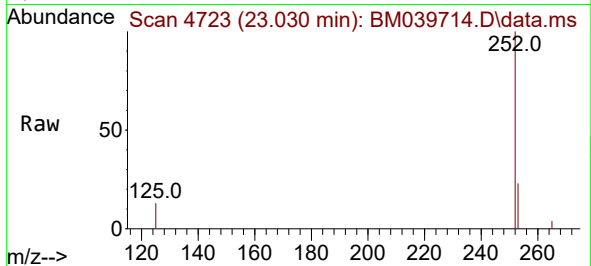




#24
Benzo(b)fluoranthene
Concen: 3.438 ng/ul
RT: 23.030 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

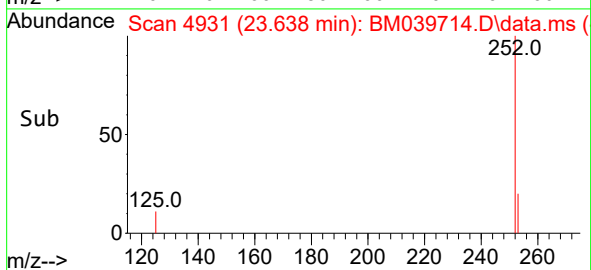
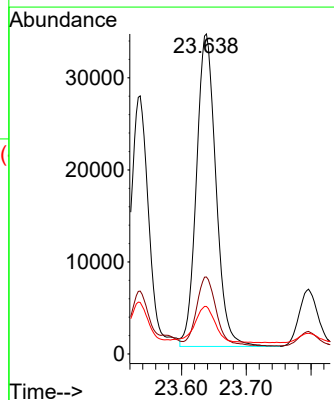
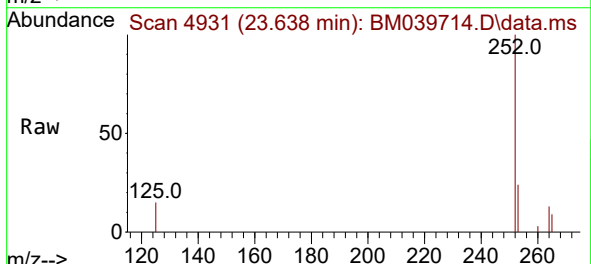
Instrument :
BNA_M
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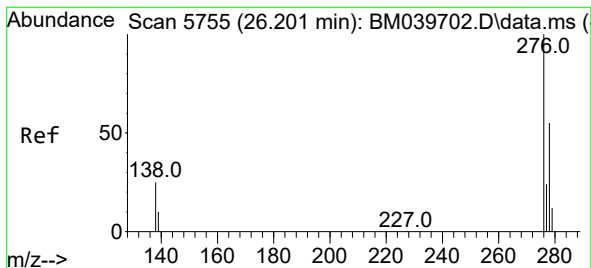
Tgt Ion:252 Resp: 133905
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 13.3 0.0 31.6



#26
Benzo(a)pyrene
Concen: 2.026 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.026 min
Lab File: BM039714.D
Acq: 27 Apr 2023 20:11

Tgt Ion:252 Resp: 70857
Ion Ratio Lower Upper
252 100
253 24.0 24.7 37.1#
125 14.8 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.141 ng/ul

RT: 26.167 min Scan# 5755

Delta R.T. -0.033 min

Lab File: BM039714.D

Acq: 27 Apr 2023 20:11

Instrument :

BNA_M

ClientSampleId :

EW8Z3

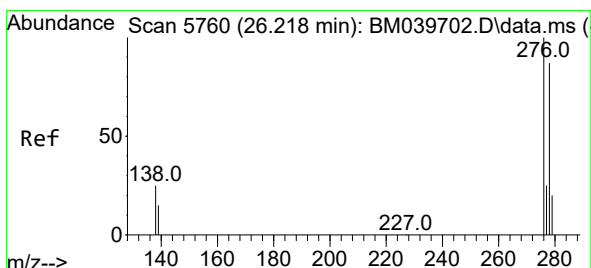
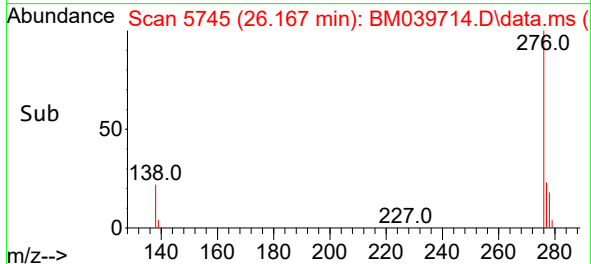
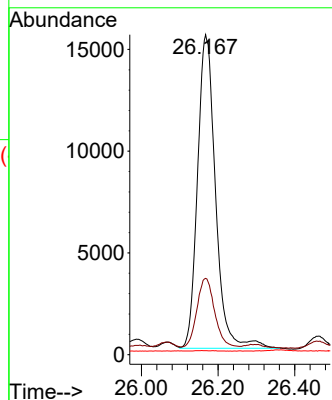
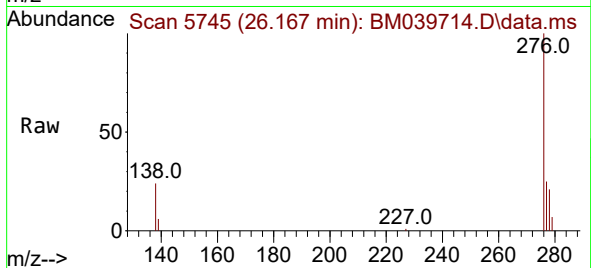
Tgt Ion:276 Resp: 50450

Ion Ratio Lower Upper

276 100

138 21.7 21.1 31.7

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.348 ng/ul

RT: 26.177 min Scan# 5748

Delta R.T. -0.040 min

Lab File: BM039714.D

Acq: 27 Apr 2023 20:11

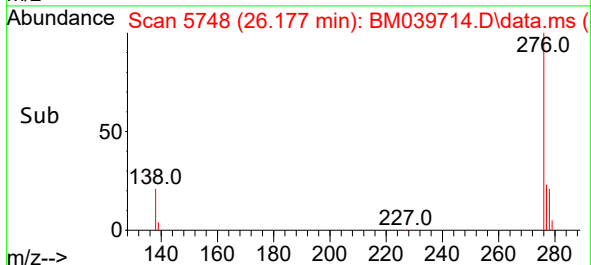
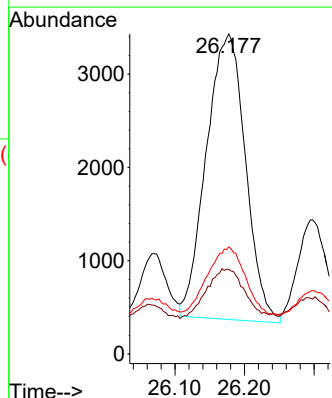
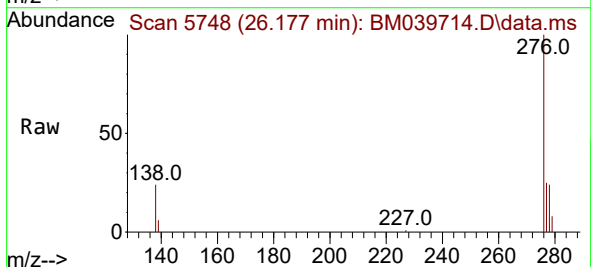
Tgt Ion:278 Resp: 11952

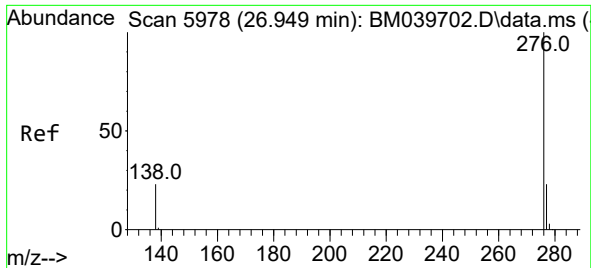
Ion Ratio Lower Upper

278 100

139 26.5 17.0 25.6#

279 33.5 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 0.200 ng/ul

RT: 26.922 min Scan# 5970

Delta R.T. -0.027 min

Lab File: BM039714.D

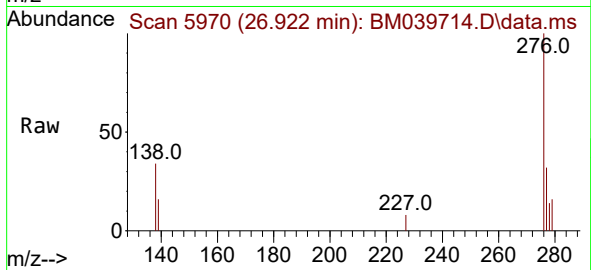
Acq: 27 Apr 2023 20:11

Instrument :

BNA_M

ClientSampleId :

EW8Z3



Tgt Ion:276 Resp: 7696

Ion Ratio Lower Upper

276 100

138 33.8 20.1 30.1#

277 32.1 20.1 30.1#

