

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041114.D
 Acq On : 25 Jul 2023 20:12
 Operator : MA/JU
 Sample : 03534-14DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4726DL

Quant Time: Jul 26 04:41:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

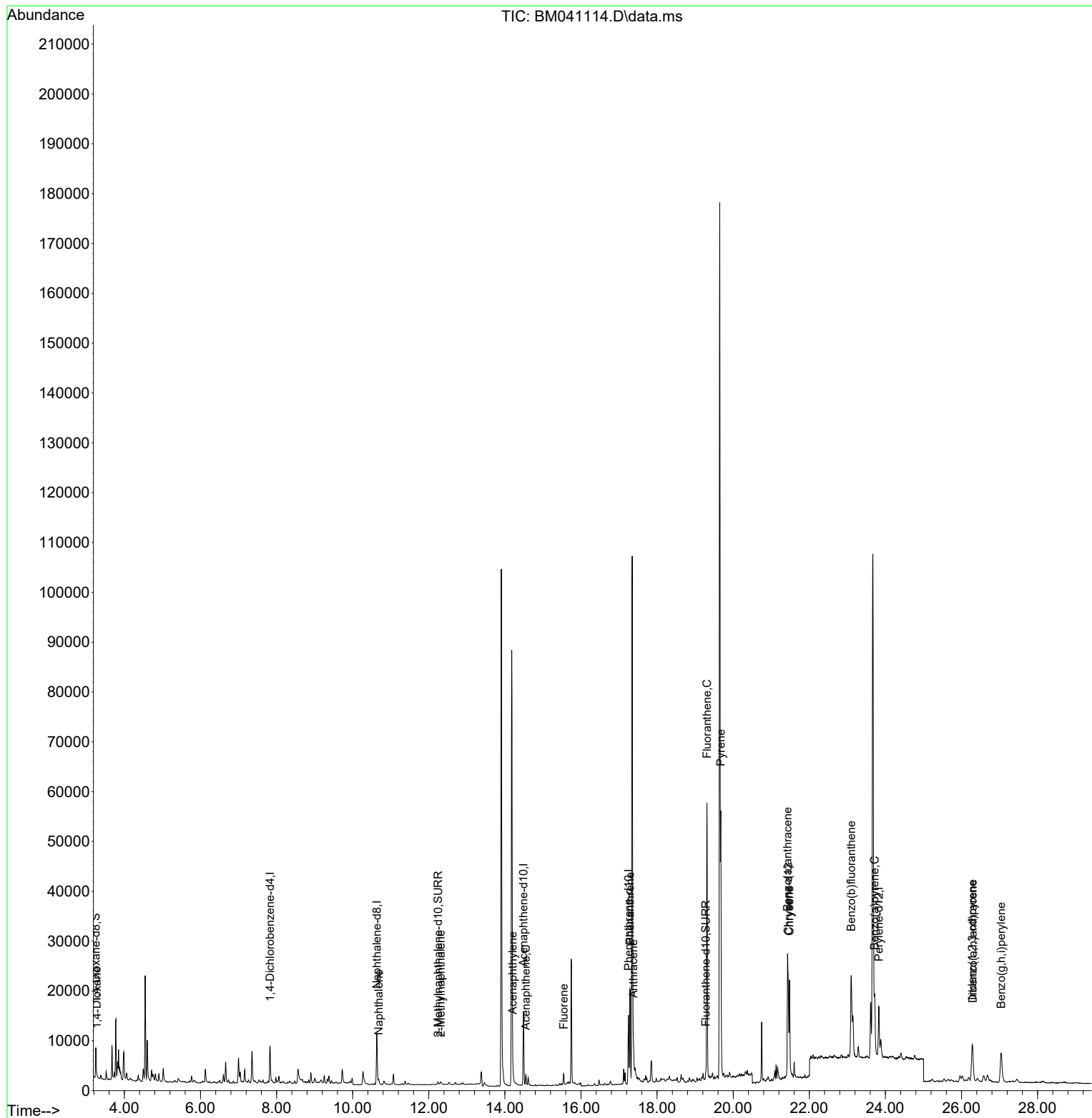
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	4330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	15337	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	8276	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	17202	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	13079	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	13848	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	3604	0.540	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	988	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.282	212	1905	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	146	0.021	ng/ul#	23
5) Naphthalene	10.685	128	1209	0.024	ng/ul#	80
7) 2-Methylnaphthalene	12.313	142	569	0.023	ng/ul	100
10) Acenaphthylene	14.208	152	1212	0.035	ng/ul#	70
11) Acenaphthene	14.550	153	1250	0.042	ng/ul	97
12) Fluorene	15.545	166	1478	0.046	ng/ul#	95
15) Phenanthrene	17.286	178	20869	0.394	ng/ul	100
16) Anthracene	17.379	178	4025	0.094	ng/ul#	90
19) Fluoranthene	19.310	202	49209	1.050	ng/ul	97
20) Pyrene	19.673	202	43796	0.847	ng/ul	99
21) Benzo(a)anthracene	21.428	228	19572	0.448	ng/ul	95
22) Chrysene	21.480	228	21783	0.431	ng/ul#	94
24) Benzo(b)fluoranthene	23.102	252	28713	0.520	ng/ul	96
26) Benzo(a)pyrene	23.716	252	16150	0.361	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.283	276	14137	0.214	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.293	278	3450	0.066	ng/ul#	51
29) Benzo(g,h,i)perylene	27.041	276	13716	0.232	ng/ul	96

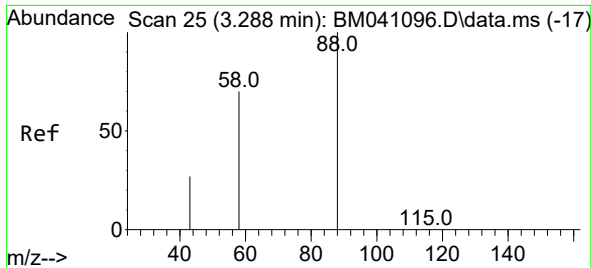
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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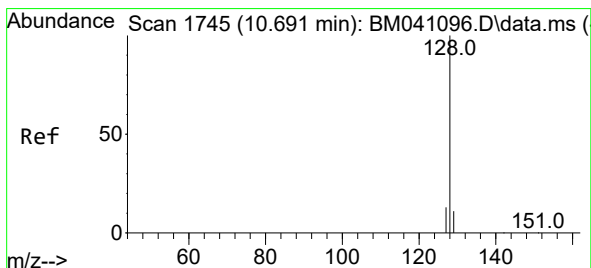
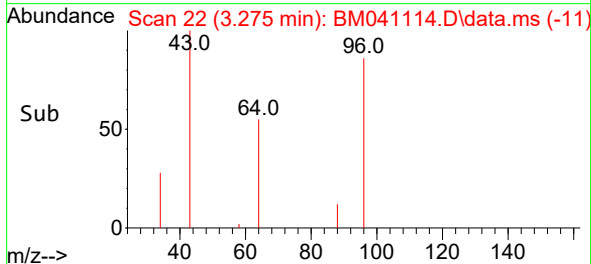
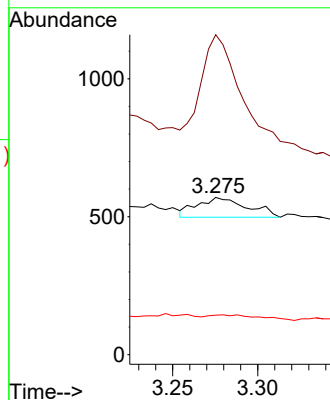
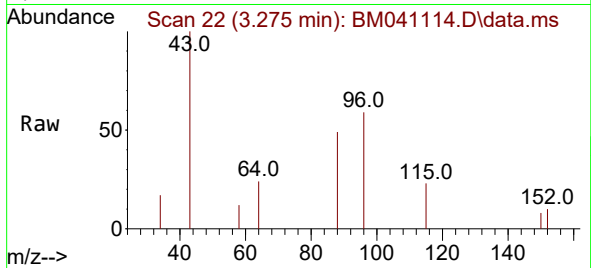




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.275 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

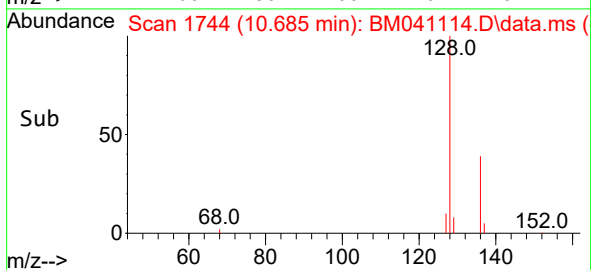
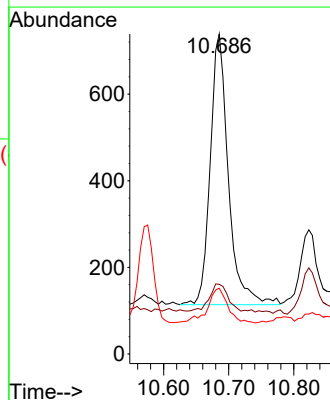
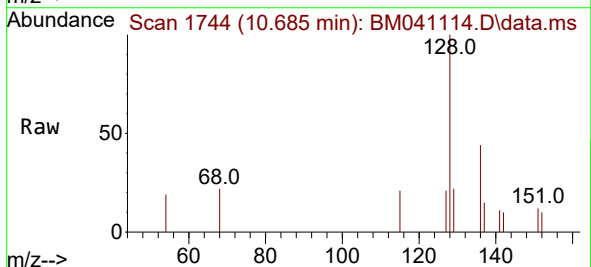
Instrument :
BNA_P
ClientSampleId :
A4726DL

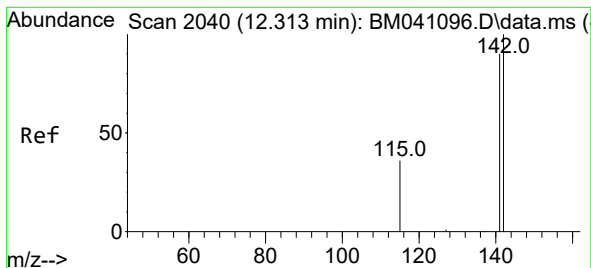
Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 203.5 83.1 124.7#
58 25.1 38.8 58.2#



#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.685 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

Tgt Ion: 128 Resp: 1209
Ion Ratio Lower Upper
128 100
129 21.8 9.8 14.8#
127 20.6 11.1 16.7#

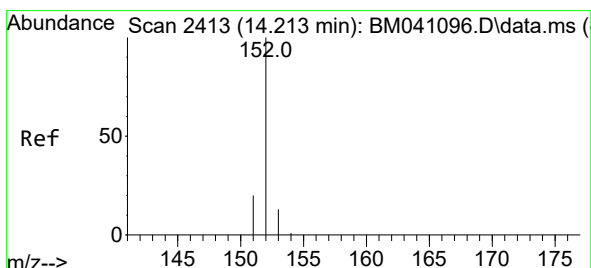
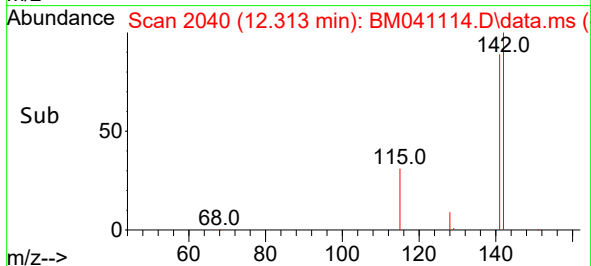
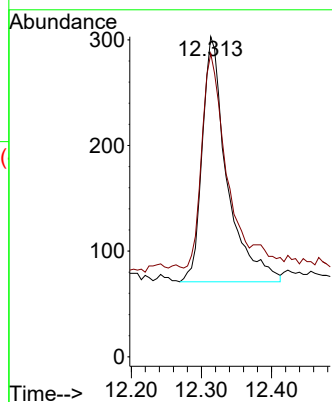
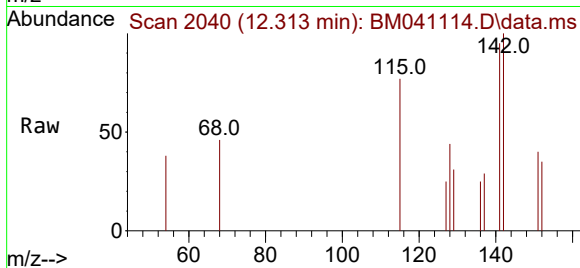




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

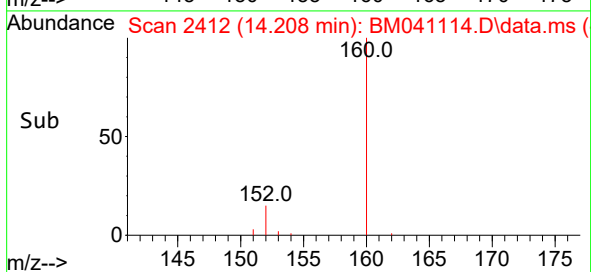
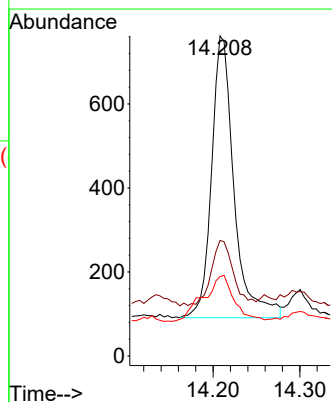
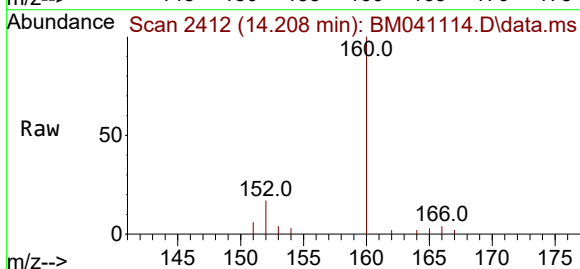
Instrument :
BNA_P
ClientSampleId :
A4726DL

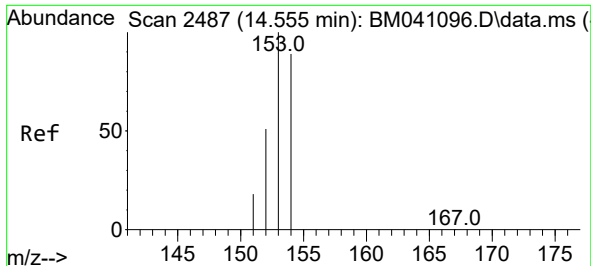
Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.208 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

Tgt Ion:152 Resp: 1212
Ion Ratio Lower Upper
152 100
151 36.1 16.8 25.2#
153 24.8 11.4 17.2#

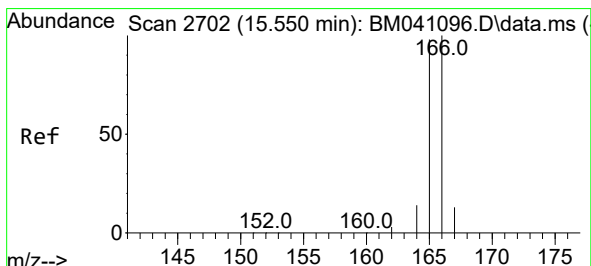
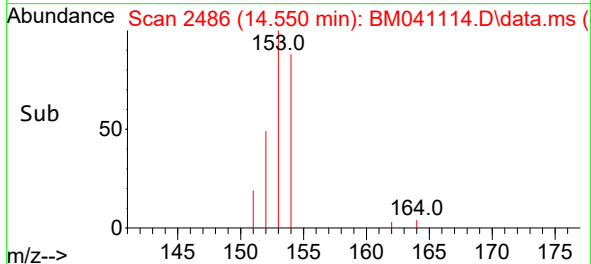
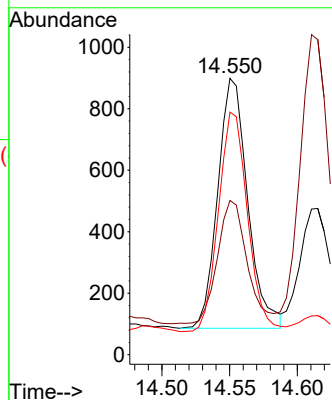
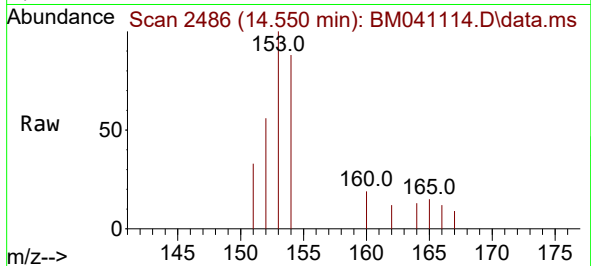




#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

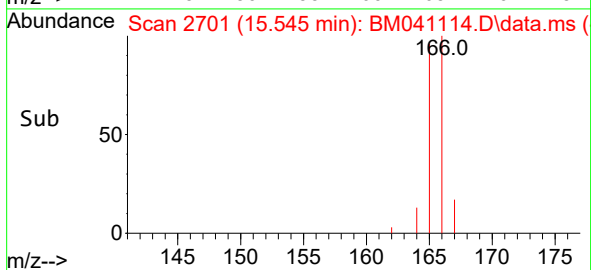
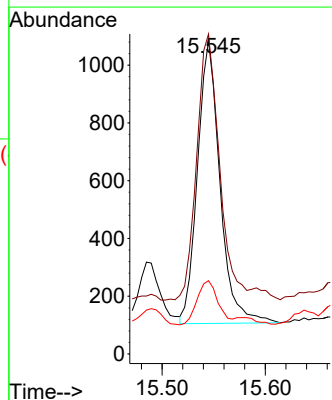
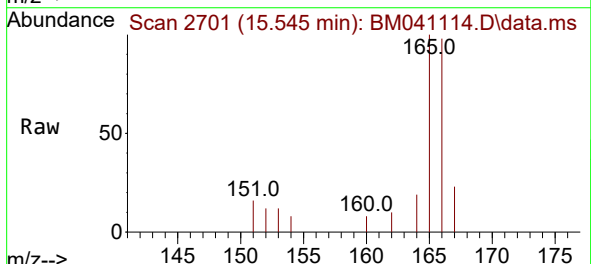
Instrument :
BNA_P
ClientSampleId :
A4726DL

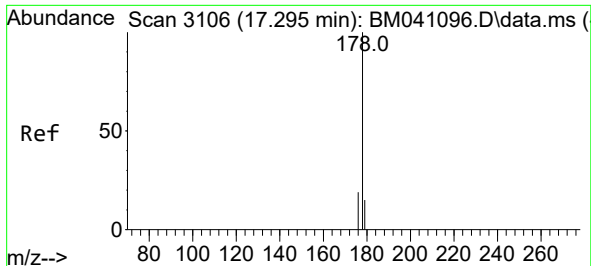
Tgt Ion:153 Resp: 1250
Ion Ratio Lower Upper
153 100
152 55.8 40.2 60.4
154 87.8 70.3 105.5



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

Tgt Ion:166 Resp: 1478
Ion Ratio Lower Upper
166 100
165 102.1 79.4 119.0
167 23.4 11.4 17.2#

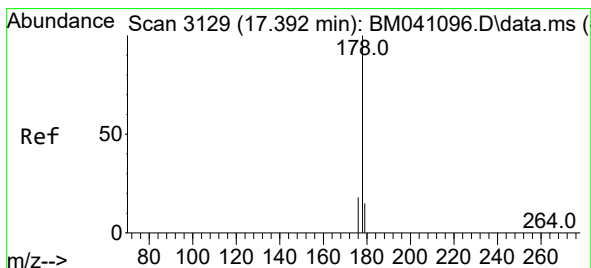
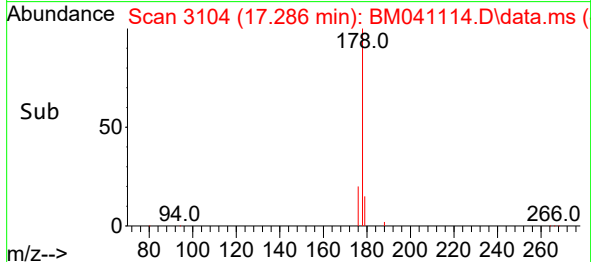
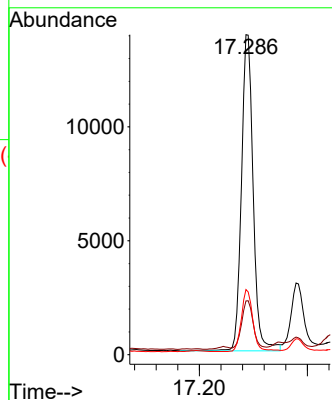
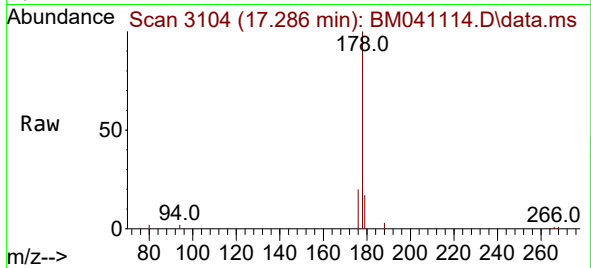




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

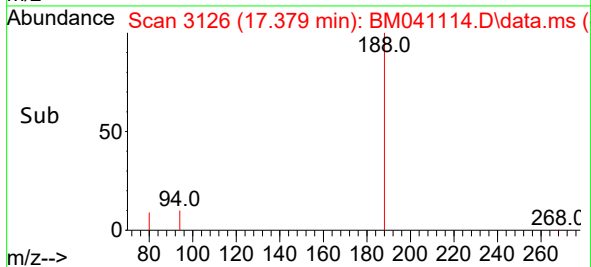
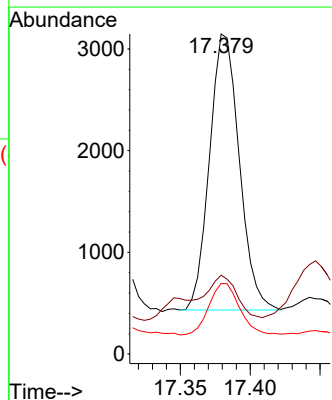
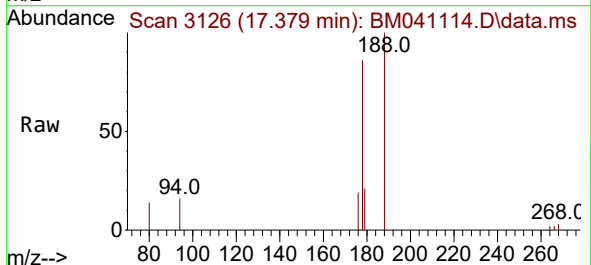
Instrument :
BNA_P
ClientSampleId :
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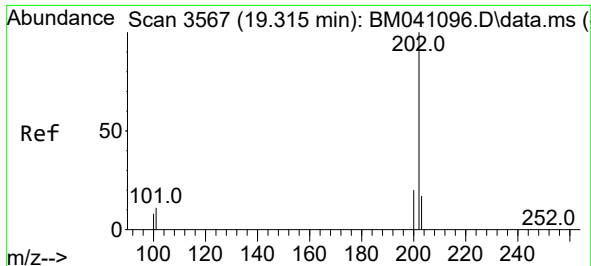
Tgt Ion:178 Resp: 20869
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.2
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.094 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

Tgt Ion:178 Resp: 4025
Ion Ratio Lower Upper
178 100
179 24.6 13.6 20.4#
176 22.0 16.0 24.0

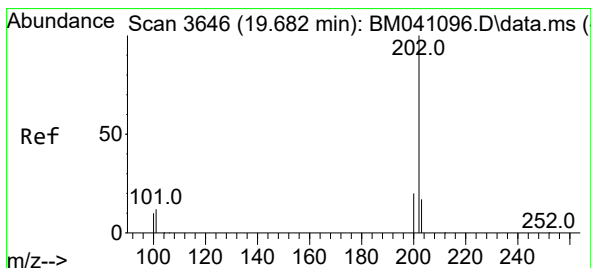
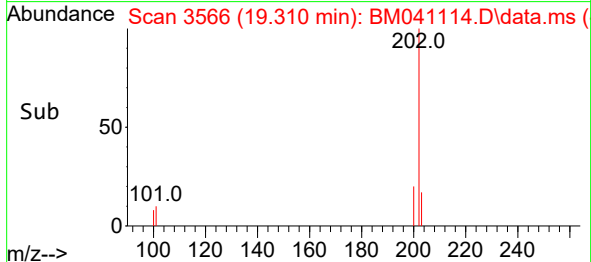
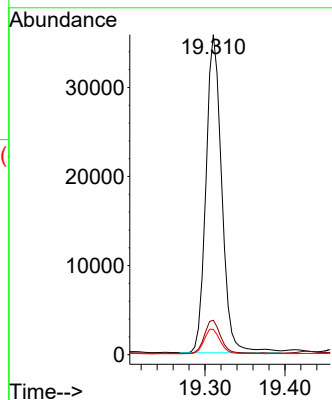
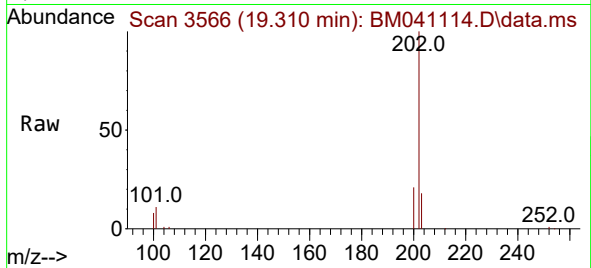




#19
Fluoranthene
Concen: 1.050 ng/ul
RT: 19.310 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

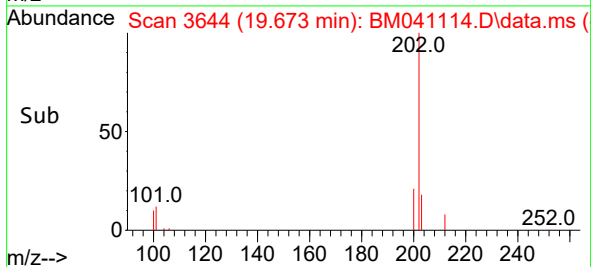
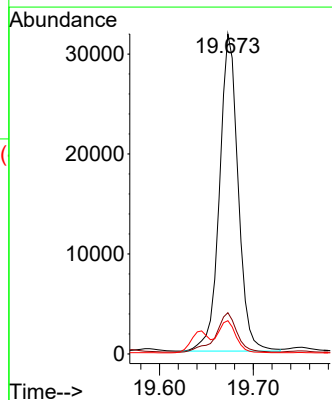
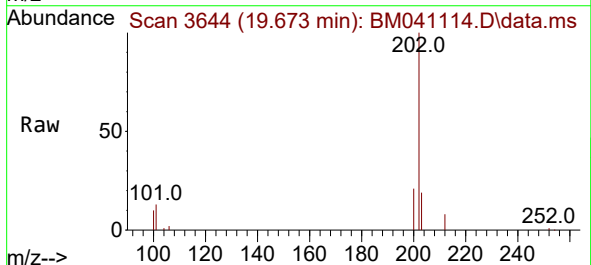
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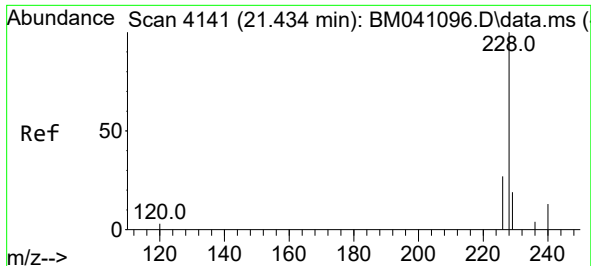
Tgt Ion:202 Resp: 49209
Ion Ratio Lower Upper
202 100
101 10.8 9.4 14.0
100 7.9 7.1 10.7



#20
Pyrene
Concen: 0.847 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

Tgt Ion:202 Resp: 43796
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.4 8.5 12.7

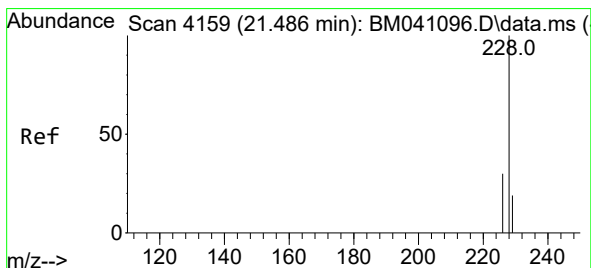
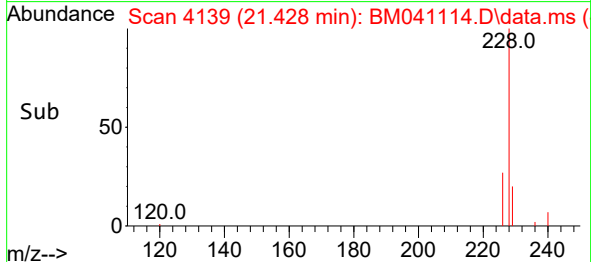
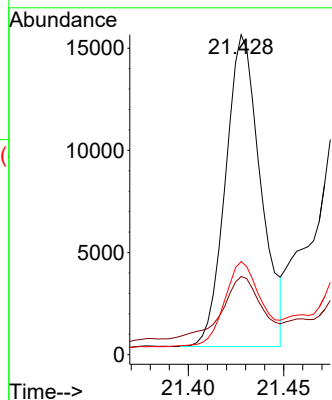
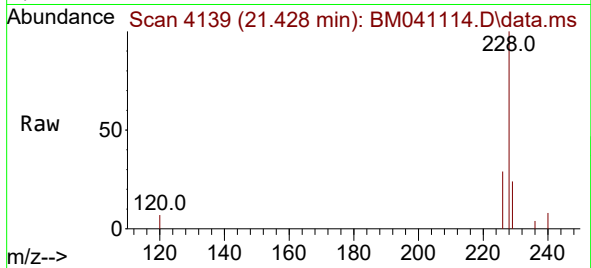




#21
Benzo(a)anthracene
Concen: 0.448 ng/ul
RT: 21.428 min Scan# 41139
Delta R.T. -0.006 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

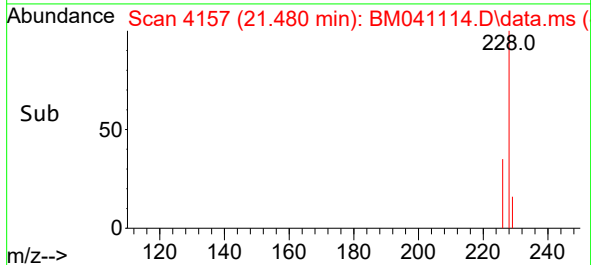
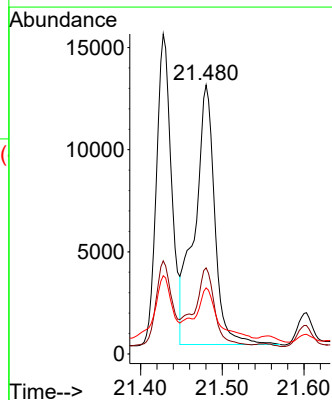
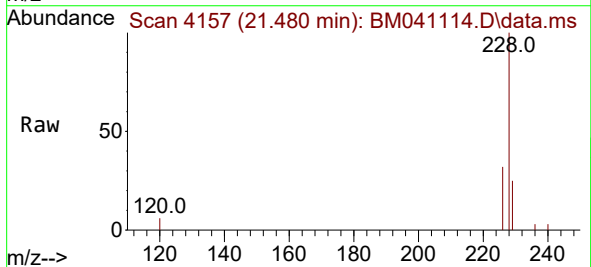
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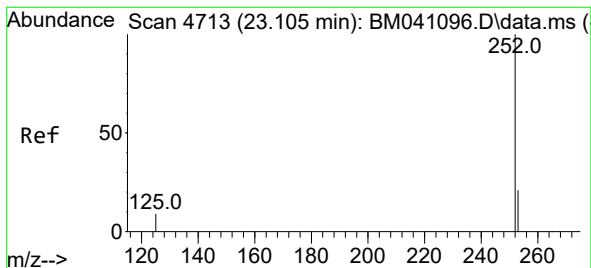
Tgt Ion:228 Resp: 19572
Ion Ratio Lower Upper
228 100
229 24.4 16.5 24.7
226 29.1 22.2 33.2



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM041114.D
Acq: 25 Jul 2023 20:12

Tgt Ion:228 Resp: 21783
Ion Ratio Lower Upper
228 100
226 32.0 24.2 36.4
229 24.6 15.9 23.9#





#24

Benzo(b)fluoranthene

Concen: 0.520 ng/ul

RT: 23.102 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM041114.D

Acq: 25 Jul 2023 20:12

Instrument :

BNA_P

ClientSampleId :

A4726DL

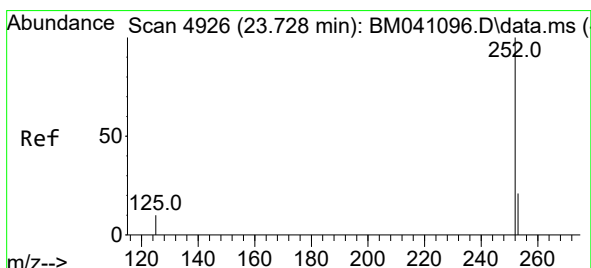
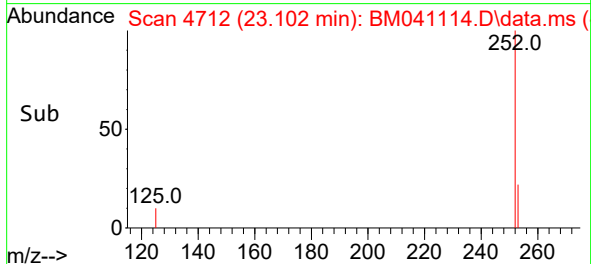
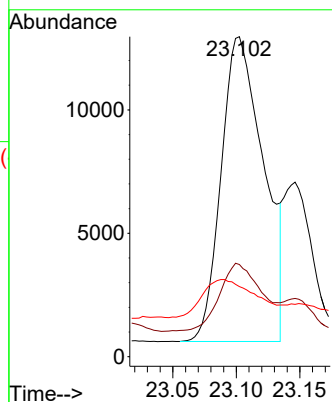
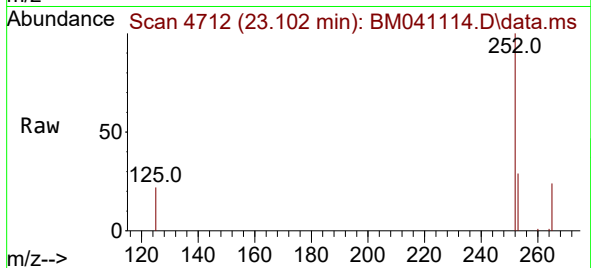
Tgt Ion:252 Resp: 28713

Ion Ratio Lower Upper

252 100

253 28.8 0.0 57.6

125 21.9 0.0 33.6



#26

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.716 min Scan# 4922

Delta R.T. -0.012 min

Lab File: BM041114.D

Acq: 25 Jul 2023 20:12

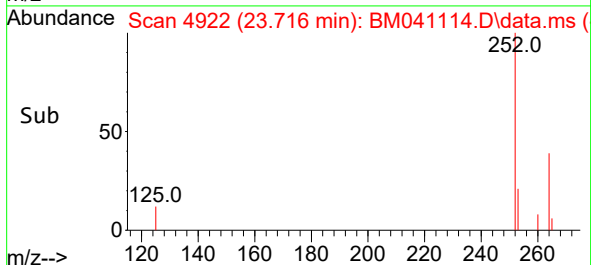
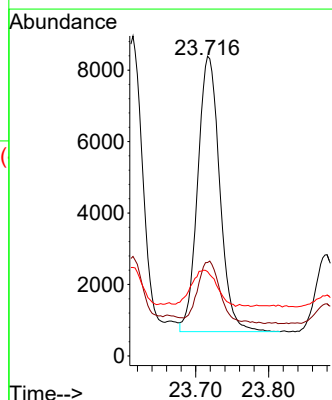
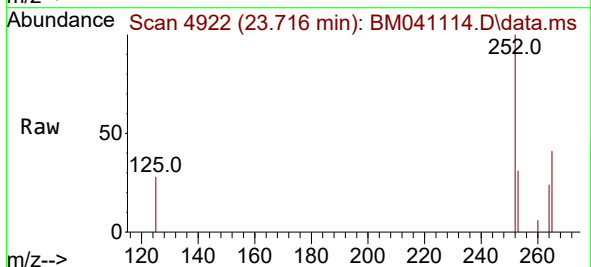
Tgt Ion:252 Resp: 16150

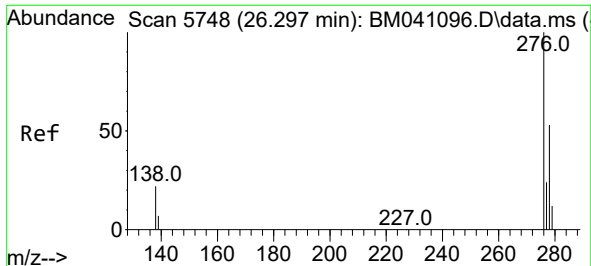
Ion Ratio Lower Upper

252 100

253 31.2 26.7 40.1

125 28.1 18.1 27.1#

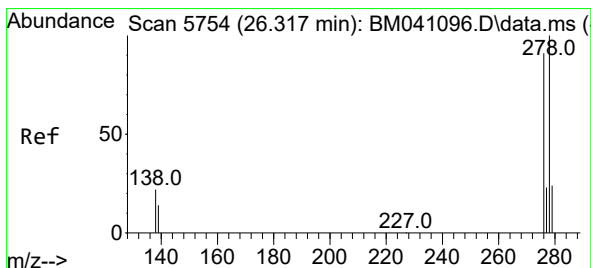
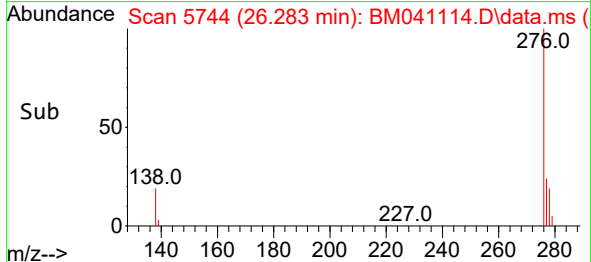
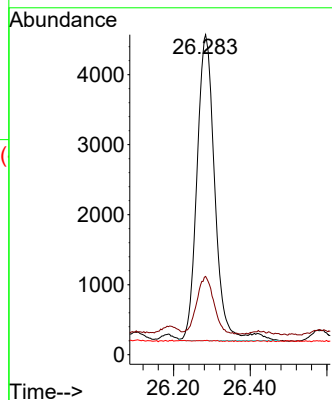
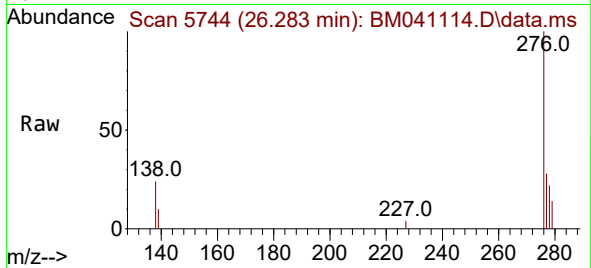




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.214 ng/ul
 RT: 26.283 min Scan# 5744
 Delta R.T. -0.014 min
 Lab File: BM041114.D
 Acq: 25 Jul 2023 20:12

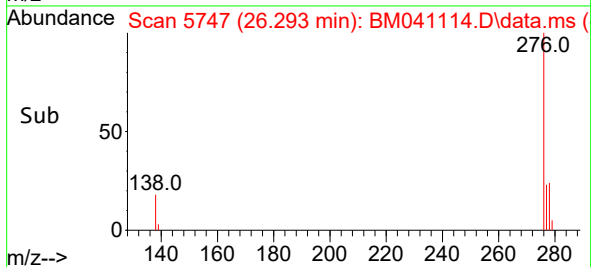
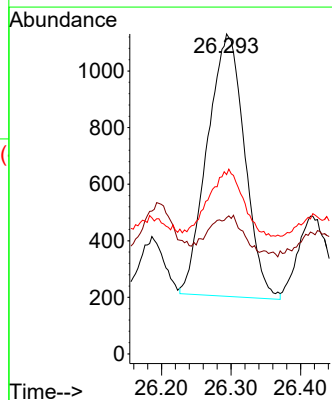
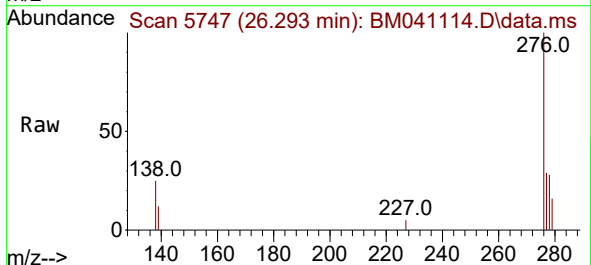
Instrument :
 BNA_P
 ClientSampleId :
 A4726DL

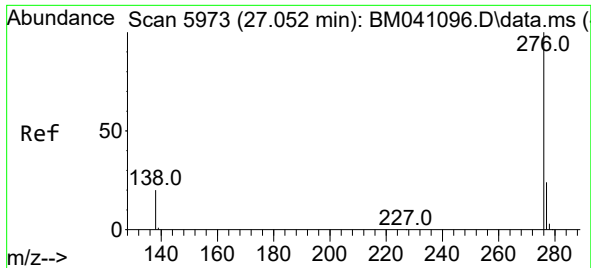
Tgt Ion:276 Resp: 14137
 Ion Ratio Lower Upper
 276 100
 138 17.9 18.1 27.1#
 227 0.1 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.066 ng/ul
 RT: 26.293 min Scan# 5747
 Delta R.T. -0.024 min
 Lab File: BM041114.D
 Acq: 25 Jul 2023 20:12

Tgt Ion:278 Resp: 3450
 Ion Ratio Lower Upper
 278 100
 139 42.6 14.1 21.1#
 279 56.1 25.0 37.4#





#29

Benzo(g,h,i)perylene

Concen: 0.232 ng/ul

RT: 27.041 min Scan# 5970

Delta R.T. -0.010 min

Lab File: BM041114.D

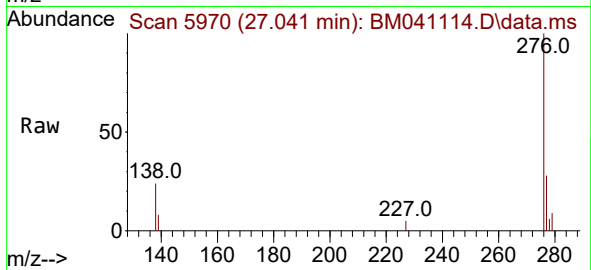
Acq: 25 Jul 2023 20:12

Instrument :

BNA_P

ClientSampleId :

A4726DL



Tgt Ion:276 Resp: 13716

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.2

277 28.1 20.6 30.8

