

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040935.D
 Acq On : 17 Jul 2023 23:06
 Operator : MA/JU
 Sample : 03458-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 18 02:48:14 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)

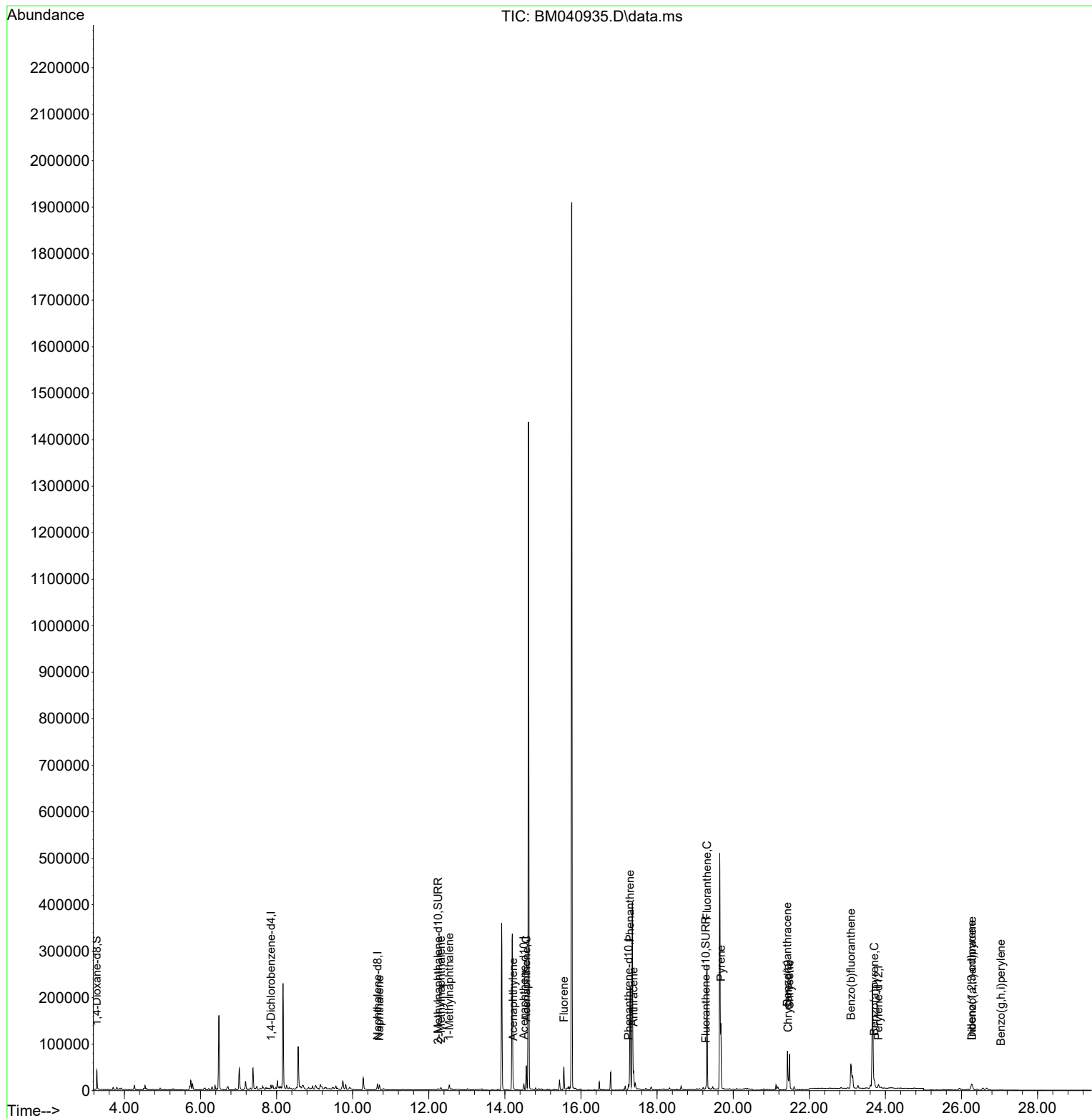
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4700	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	14834	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.500	164	6543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	13633	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.442	240	9584	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	10509	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	23246	3.149	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	3358	0.161	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	5039	0.164	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	13549	0.331	ng/ul	97
7) 2-Methylnaphthalene	12.319	142	3599	0.150	ng/ul	98
8) 1-Methylnaphthalene	12.539	142	7326	0.305	ng/ul	96
10) Acenaphthylene	14.222	152	4690	0.160	ng/ul#	82
11) Acenaphthene	14.564	153	29825	1.208	ng/ul	98
12) Fluorene	15.550	166	29625	1.124	ng/ul	99
15) Phenanthrene	17.291	178	227980	5.384	ng/ul	99
16) Anthracene	17.384	178	38589	1.084	ng/ul	99
19) Fluoranthene	19.311	202	219379	5.389	ng/ul	97
20) Pyrene	19.678	202	116799	2.676	ng/ul	97
21) Benzo(a)anthracene	21.425	228	70401	2.172	ng/ul	98
22) Chrysene	21.478	228	71352	1.930	ng/ul	98
24) Benzo(b)fluoranthene	23.094	252	86047	2.116	ng/ul	91
26) Benzo(a)pyrene	23.711	252	18422	0.503	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.263	276	20105	0.394	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.277	278	8853	0.222	ng/ul#	90
29) Benzo(g,h,i)perylene	27.032	276	1119	0.025	ng/ul#	37

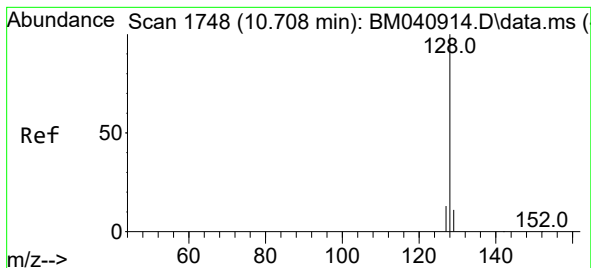
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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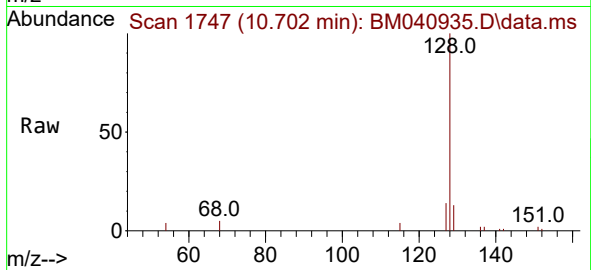
Quant Time: Jul 18 02:48:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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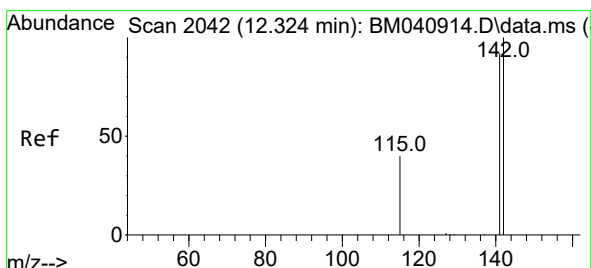
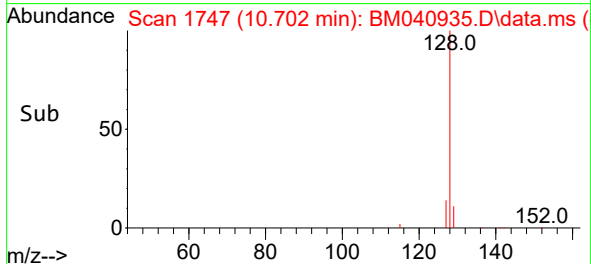
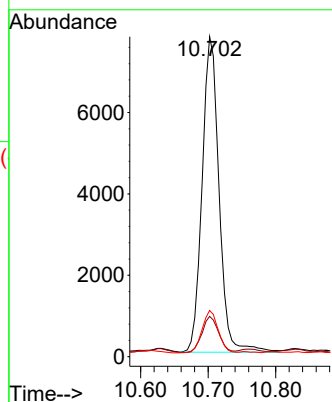


#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.702 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_P
ClientSampleId :

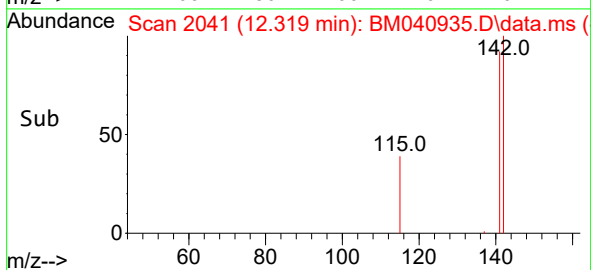
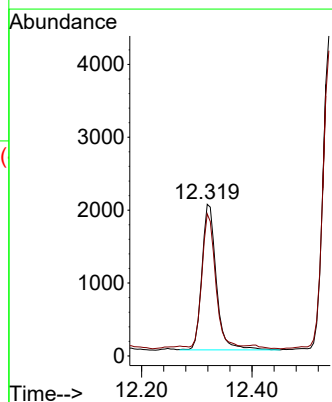
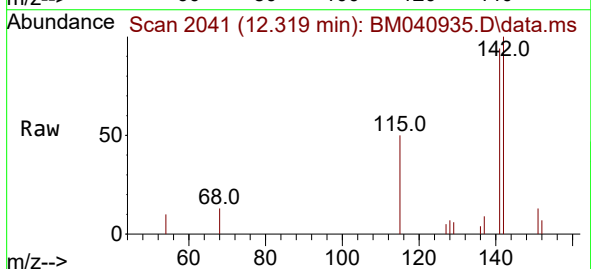


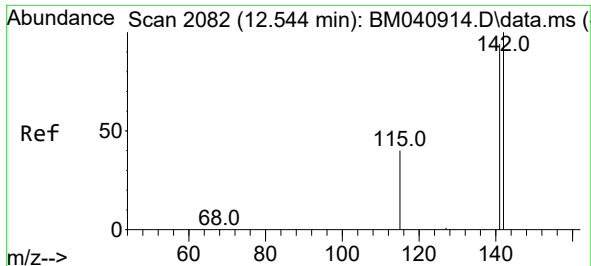
Tgt Ion:128 Resp: 13549
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

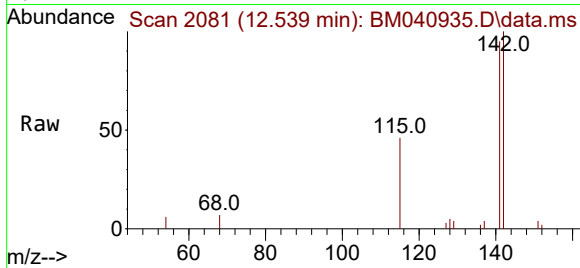
Tgt Ion:142 Resp: 3599
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9



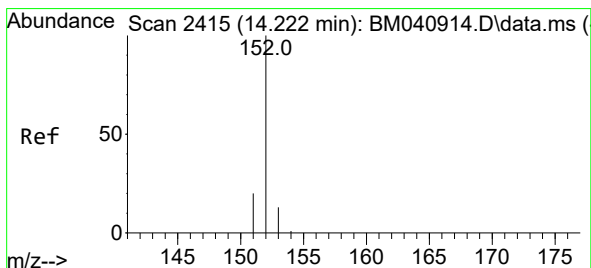
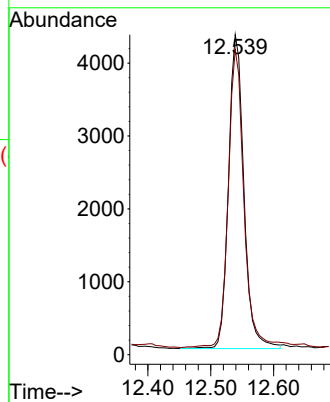
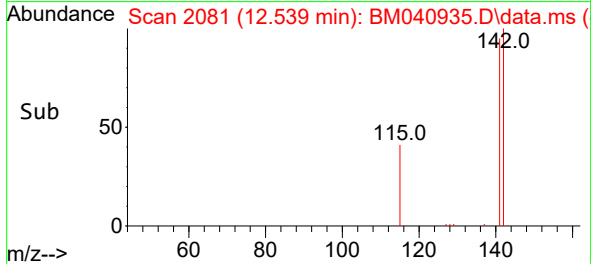


#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_P
ClientSampleId :

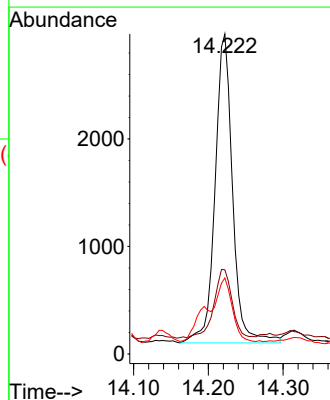
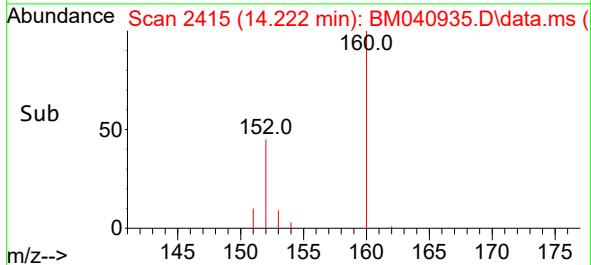
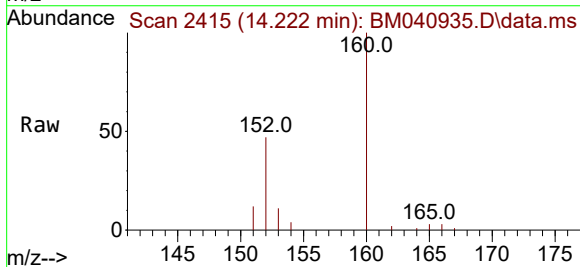


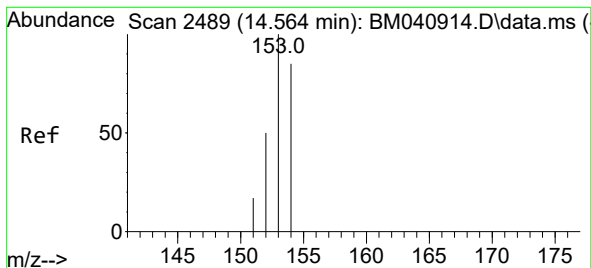
Tgt Ion:142 Resp: 7326
Ion Ratio Lower Upper
142 100
141 96.4 73.7 110.5



#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:152 Resp: 4690
Ion Ratio Lower Upper
152 100
151 26.3 16.2 24.2#
153 23.7 10.9 16.3#





#11

Acenaphthene

Concen: 1.208 ng/ul

RT: 14.564 min Scan# 2489

Delta R.T. -0.005 min

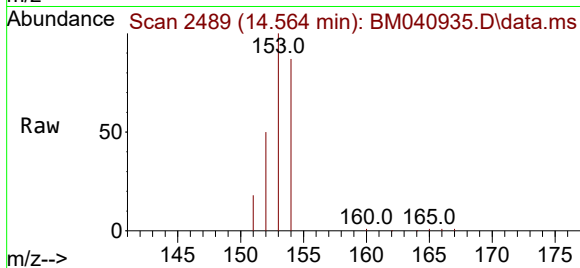
Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

Instrument :

BNA_P

ClientSampleId :



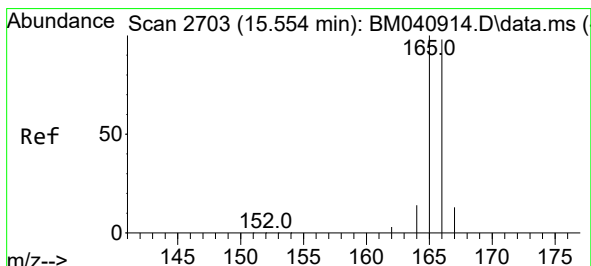
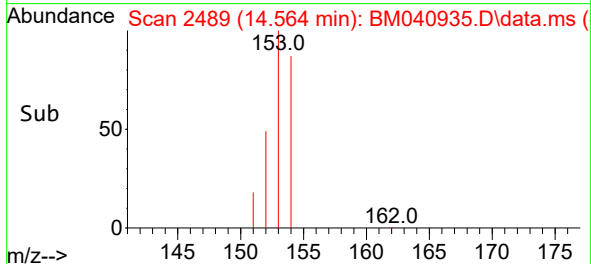
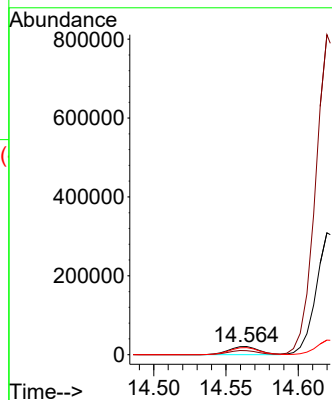
Tgt Ion:153 Resp: 29825

Ion Ratio Lower Upper

153 100

152 49.7 41.0 61.4

154 86.5 70.8 106.2



#12

Fluorene

Concen: 1.124 ng/ul

RT: 15.550 min Scan# 2702

Delta R.T. -0.009 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

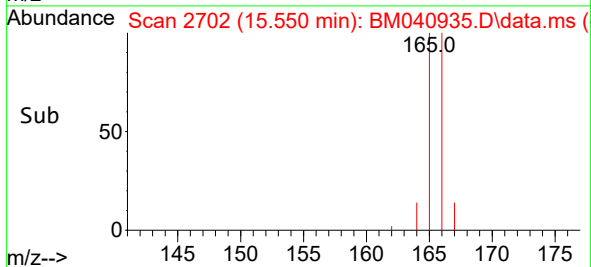
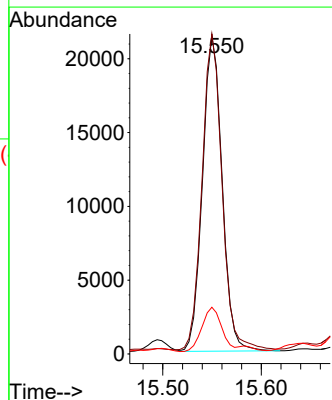
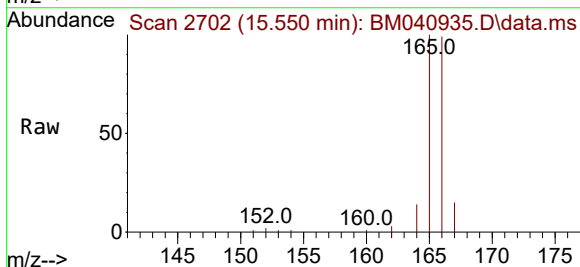
Tgt Ion:166 Resp: 29625

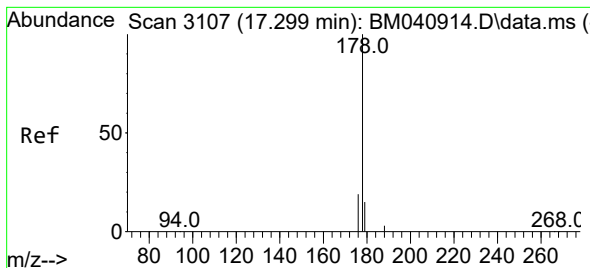
Ion Ratio Lower Upper

166 100

165 100.5 79.6 119.4

167 14.7 11.4 17.0





#15

Phenanthrene

Concen: 5.384 ng/ul

RT: 17.291 min Scan# 3107

Delta R.T. -0.013 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

Instrument :

BNA_P

ClientSampleId :

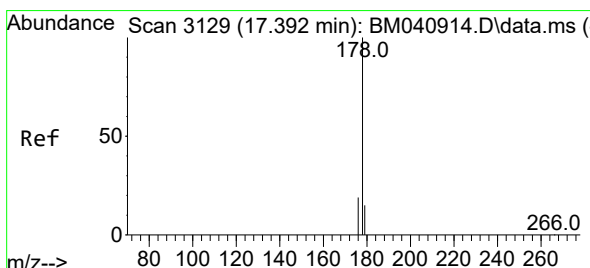
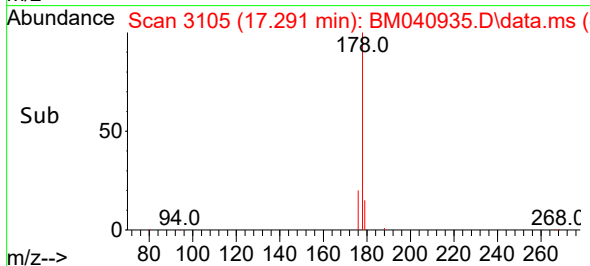
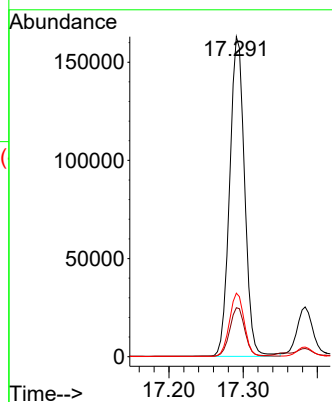
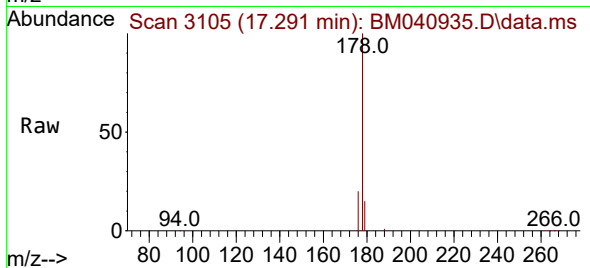
Tgt Ion:178 Resp: 227980

Ion Ratio Lower Upper

178 100

179 15.3 12.8 19.2

176 19.9 16.4 24.6



#16

Anthracene

Concen: 1.084 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. -0.013 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

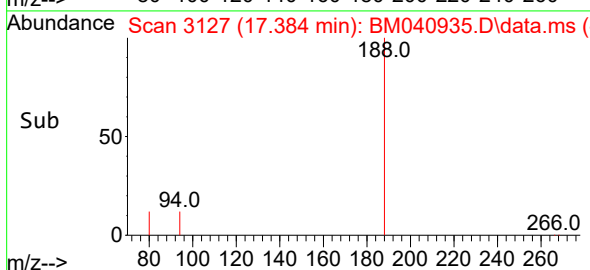
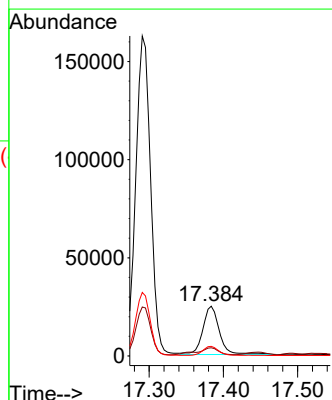
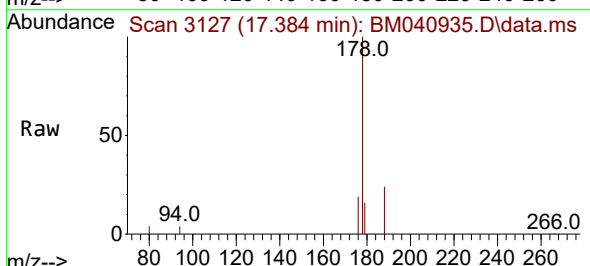
Tgt Ion:178 Resp: 38589

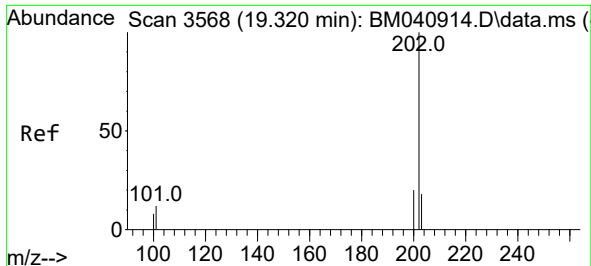
Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

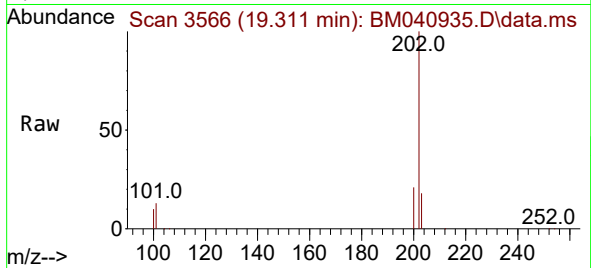
176 19.4 15.8 23.6



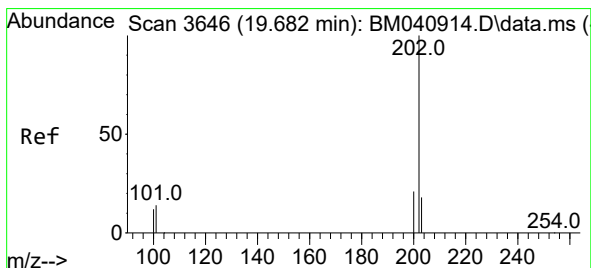
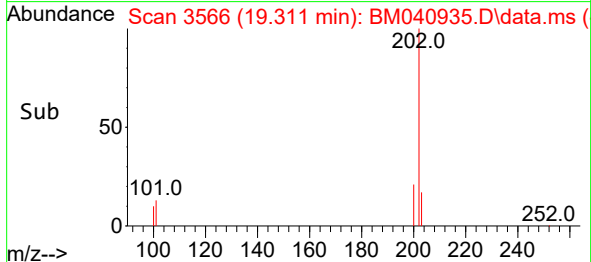
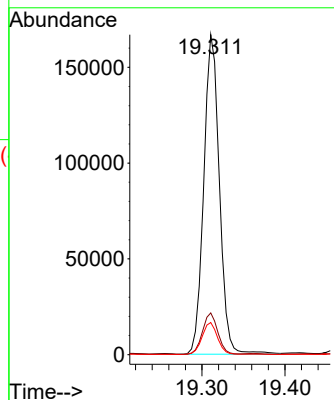


#19
Fluoranthene
Concen: 5.389 ng/ul
RT: 19.311 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_P
ClientSampleId :

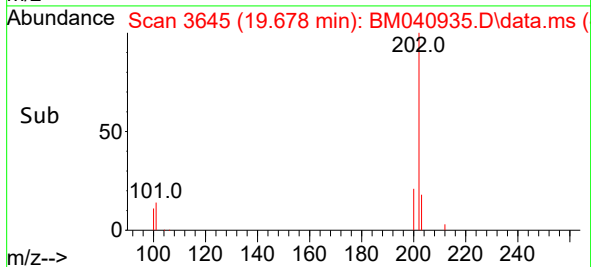
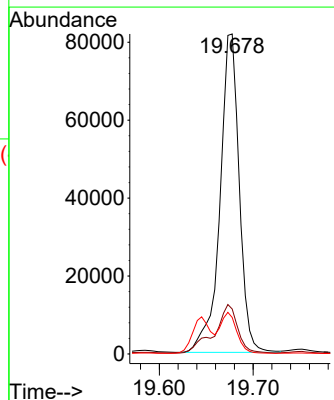
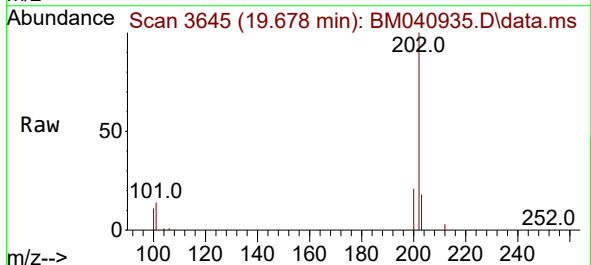


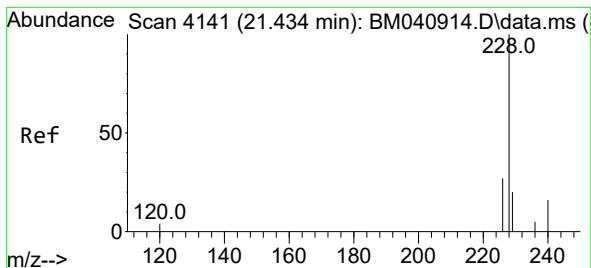
Tgt Ion:202 Resp: 219379
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.0 8.7 13.1



#20
Pyrene
Concen: 2.676 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:202 Resp: 116799
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.4 9.8 14.6





#21

Benzo(a)anthracene

Concen: 2.172 ng/ul

RT: 21.425 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

Instrument :

BNA_P

ClientSampleId :

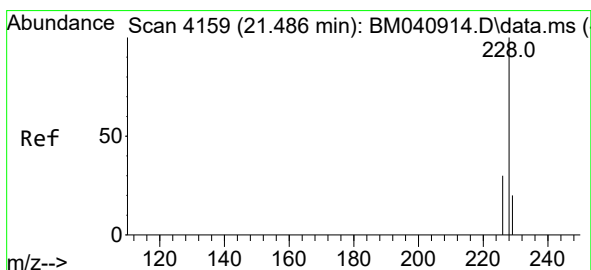
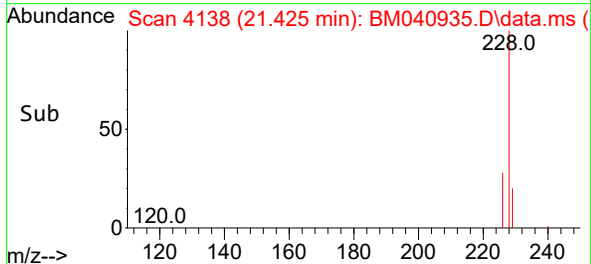
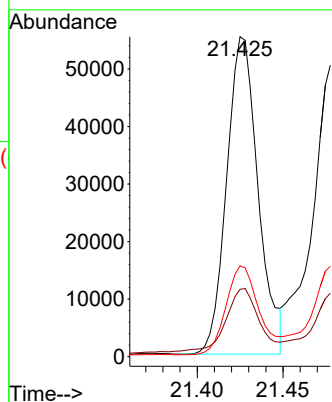
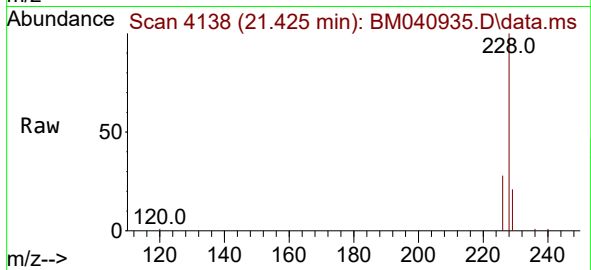
Tgt Ion:228 Resp: 70401

Ion Ratio Lower Upper

228 100

229 21.1 16.0 24.0

226 28.4 22.3 33.5



#22

Chrysene

Concen: 1.930 ng/ul

RT: 21.478 min Scan# 4156

Delta R.T. -0.009 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

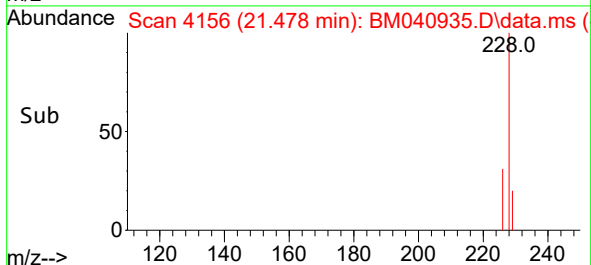
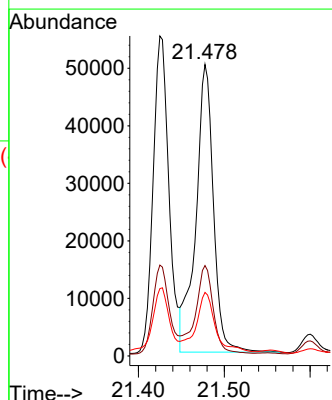
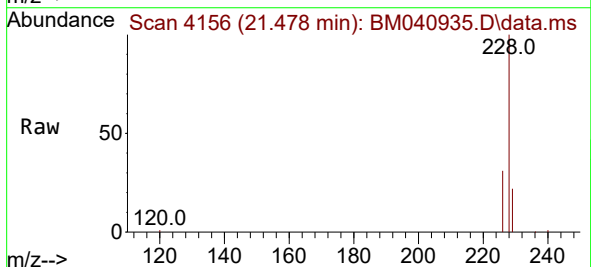
Tgt Ion:228 Resp: 71352

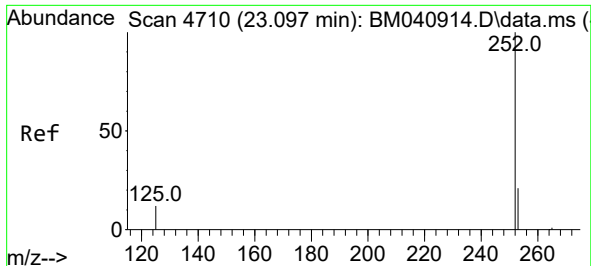
Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

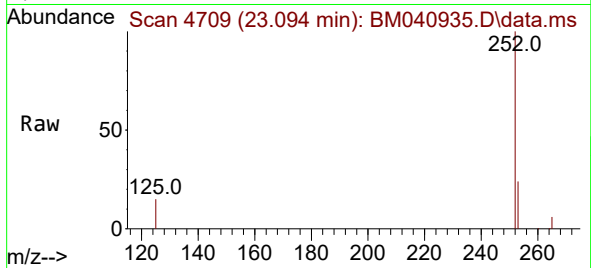
229 21.8 15.8 23.6



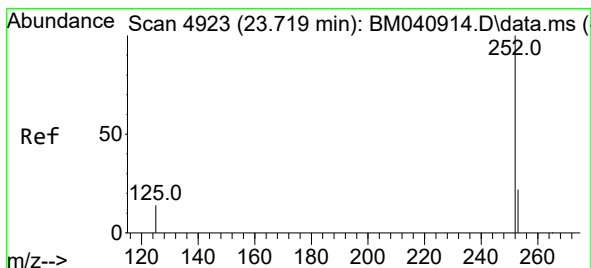
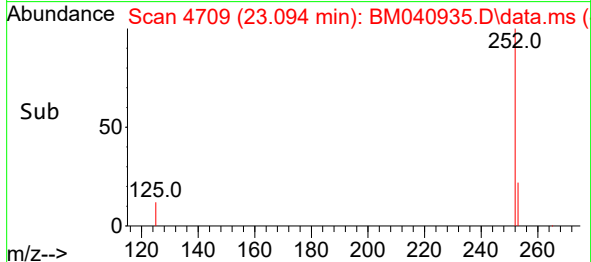
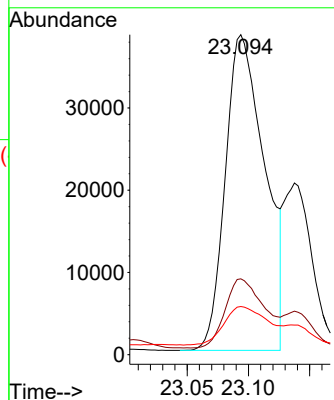


#24
Benzo(b)fluoranthene
Concen: 2.116 ng/ul
RT: 23.094 min Scan# 4710
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_P
ClientSampleId :

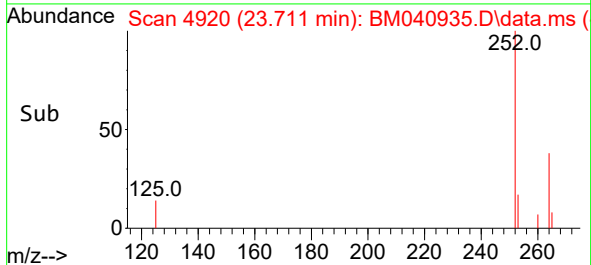
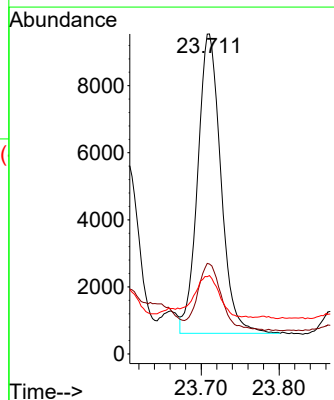
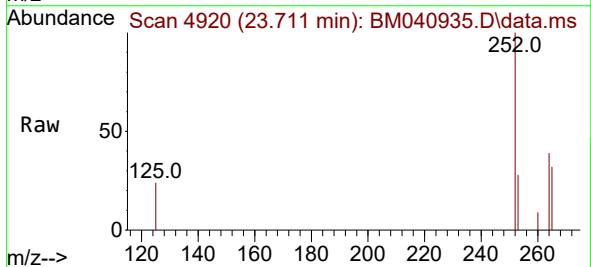


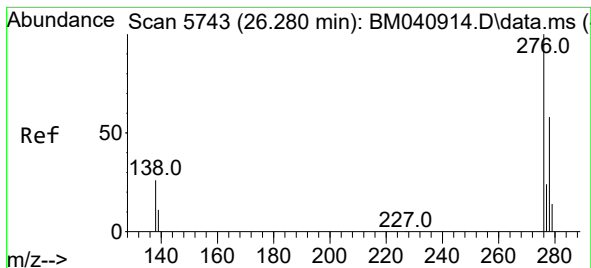
Tgt Ion:252 Resp: 86047
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 15.0 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.503 ng/ul
RT: 23.711 min Scan# 4920
Delta R.T. -0.012 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:252 Resp: 18422
Ion Ratio Lower Upper
252 100
253 28.1 22.9 34.3
125 24.5 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.394 ng/ul

RT: 26.263 min Scan# 5

Delta R.T. -0.027 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

Instrument :

BNA_P

ClientSampleId :

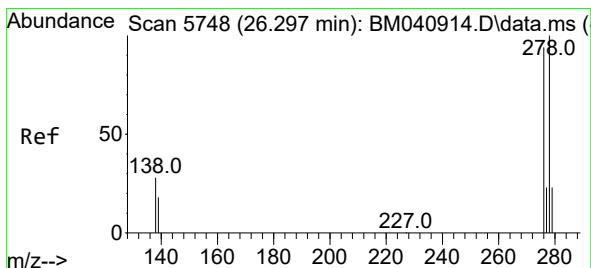
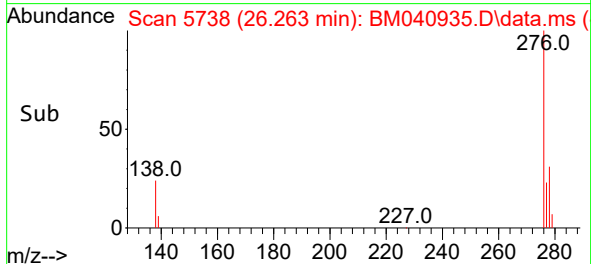
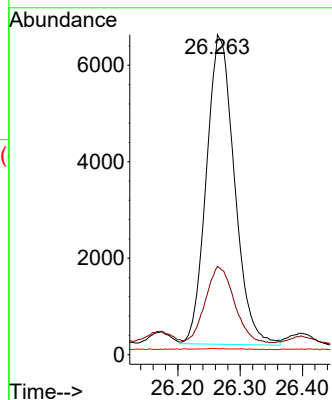
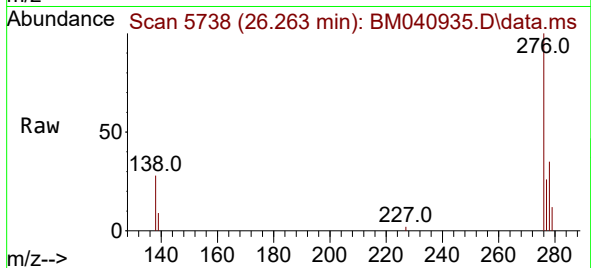
Tgt Ion:276 Resp: 20105

Ion Ratio Lower Upper

276 100

138 25.3 24.5 36.7

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.222 ng/ul

RT: 26.277 min Scan# 5742

Delta R.T. -0.030 min

Lab File: BM040935.D

Acq: 17 Jul 2023 23:06

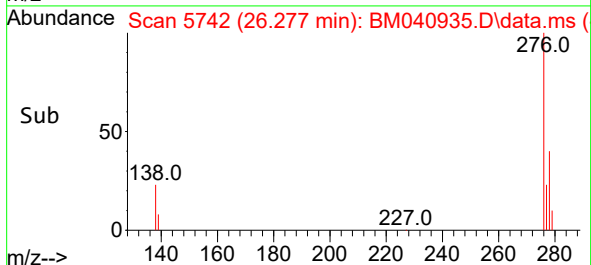
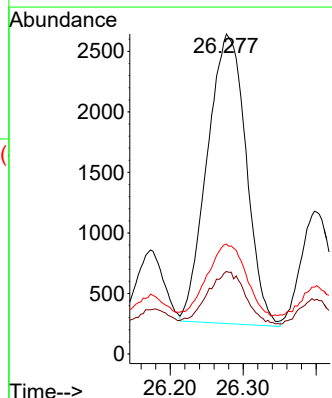
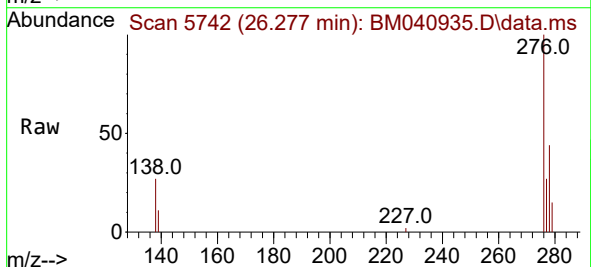
Tgt Ion:278 Resp: 8853

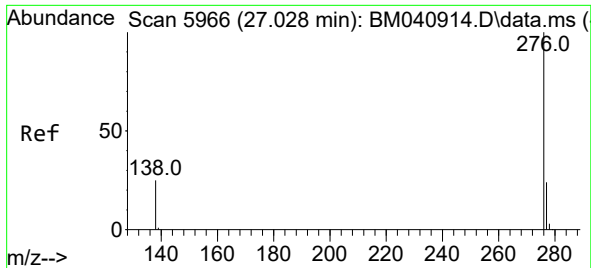
Ion Ratio Lower Upper

278 100

139 25.8 17.9 26.9

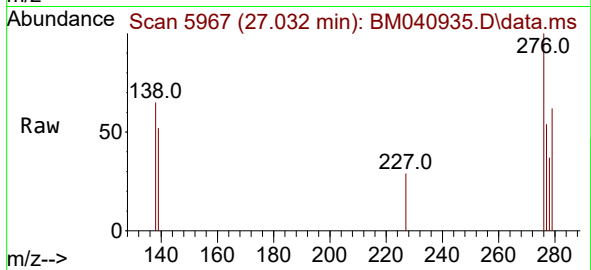
279 34.3 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 27.032 min Scan# 5967
 Delta R.T. -0.013 min
 Lab File: BM040935.D
 Acq: 17 Jul 2023 23:06

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	1119
Ion Ratio	Lower	Upper	
276	100		
138	65.4	23.0	34.6#
277	54.1	20.3	30.5#

