

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036436.D
 Acq On : 26 Aug 2022 22:08
 Operator : CG/JU
 Sample : N4320-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AX9

Quant Time: Aug 26 23:10:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

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

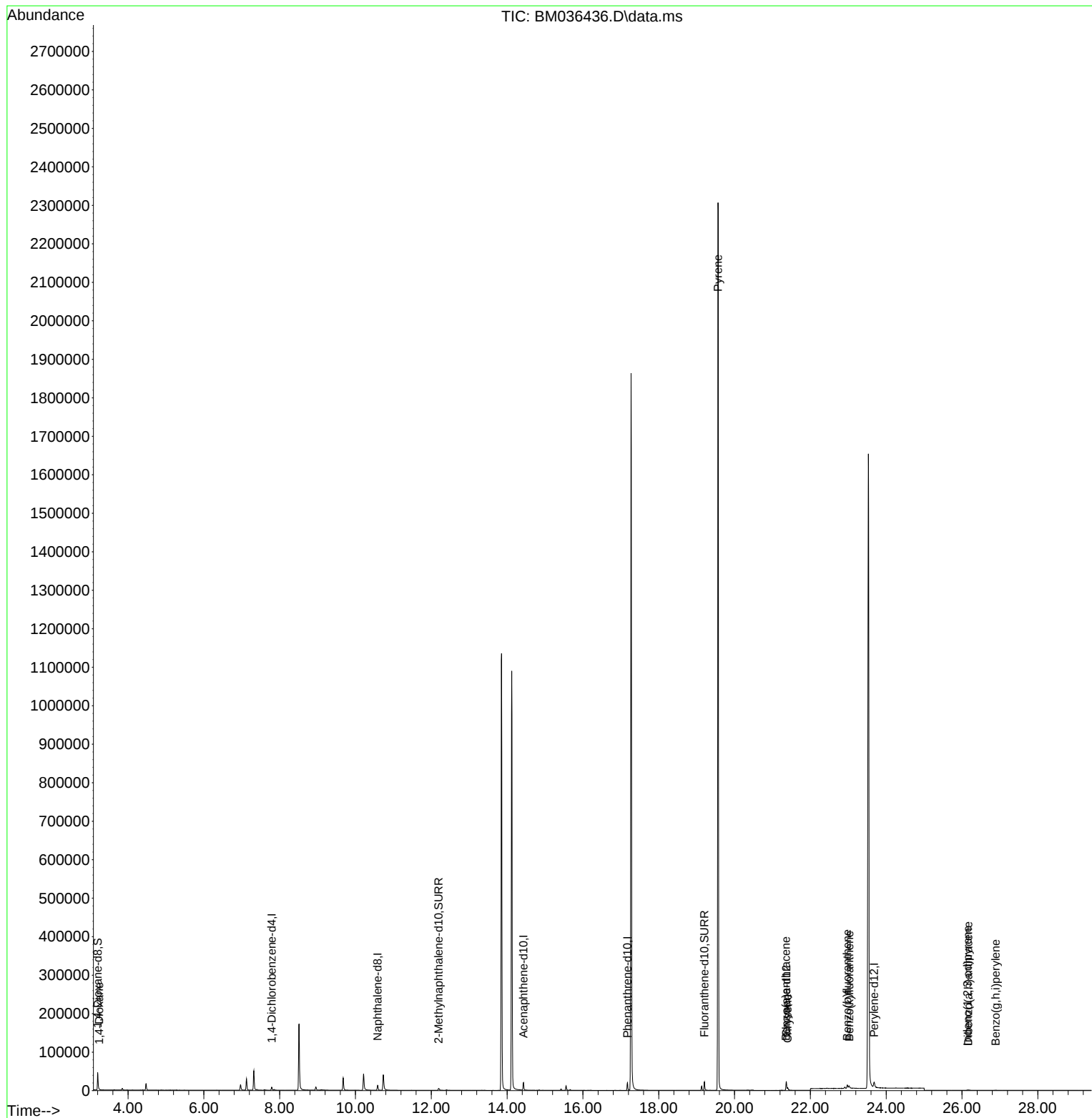
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.583	136	18015	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.432	164	10852	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	23161	0.400	ng/ul	0.00
17) Chrysene-d12	21.367	240	23519	0.400	ng/ul	# 0.00
23) Perylene-d12	23.682	264	22925	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	28047	4.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	9280	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	24392	0.840	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.238	88	166	0.029	ng/ul#	52
20) Pyrene	19.564	202	4389	0.051	ng/ul#	1
21) Benzo(a)anthracene	21.356	228	2942	0.030	ng/ul	95
22) Chrysene	21.402	228	6043	0.045	ng/ul	99
24) Benzo(b)fluoranthene	22.975	252	11870	0.071	ng/ul	96
25) Benzo(k)fluoranthene	23.024	252	9517	0.057	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.151	276	2216	0.028	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.168	278	1532	0.023	ng/ul#	24
29) Benzo(g,h,i)perylene	26.885	276	1458	0.020	ng/ul#	55

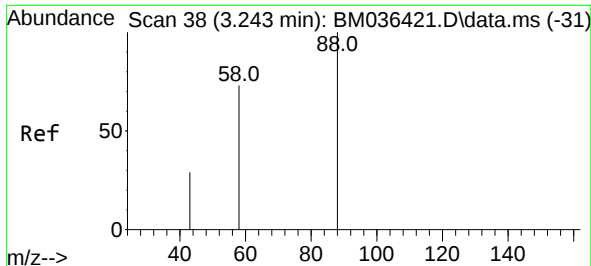
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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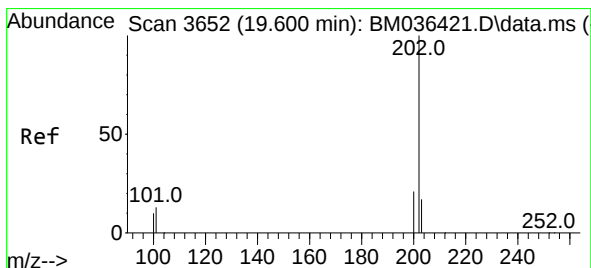
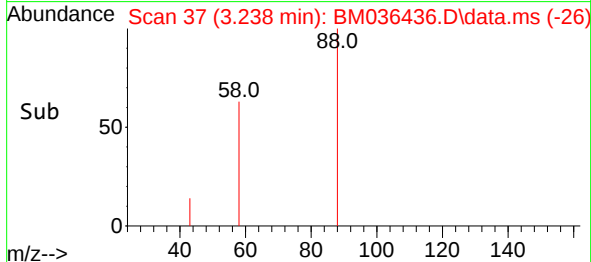
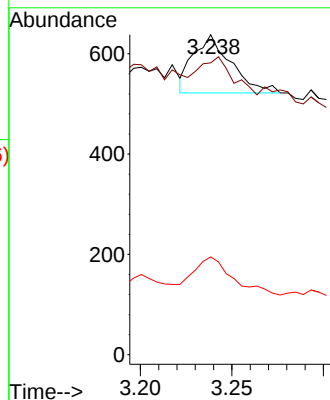
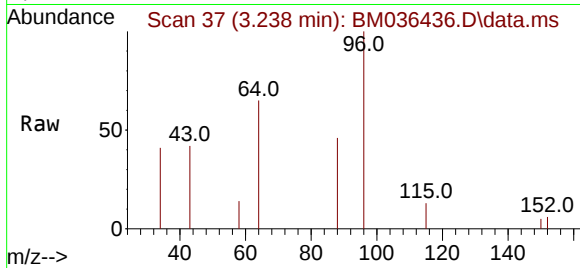




#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.238 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036436.D
Acq: 26 Aug 2022 22:08

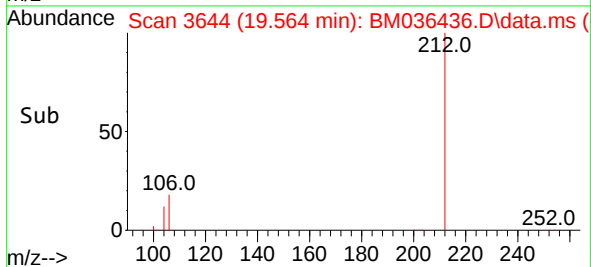
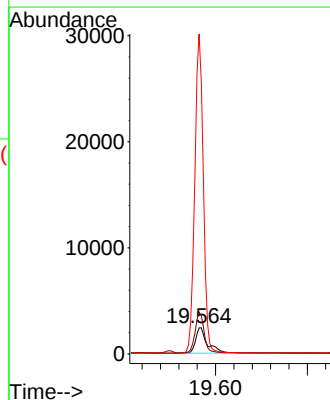
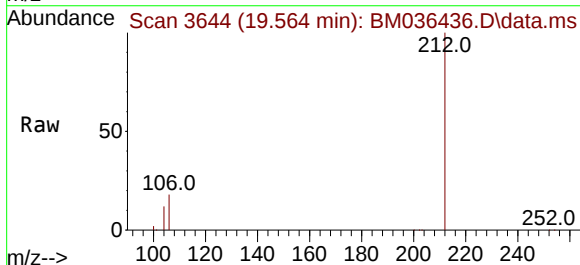
Instrument :
BNA_M
ClientSampleId :
C0AX9

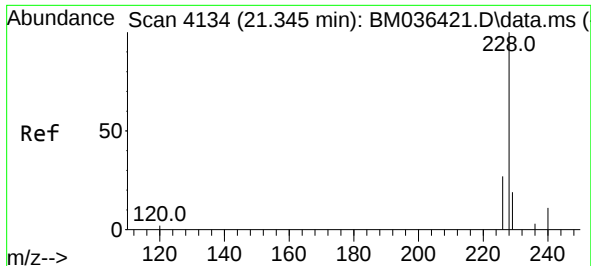
Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
43 91.2 37.8 56.6#
58 30.6 42.6 63.8#



#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.564 min Scan# 3644
Delta R.T. -0.036 min
Lab File: BM036436.D
Acq: 26 Aug 2022 22:08

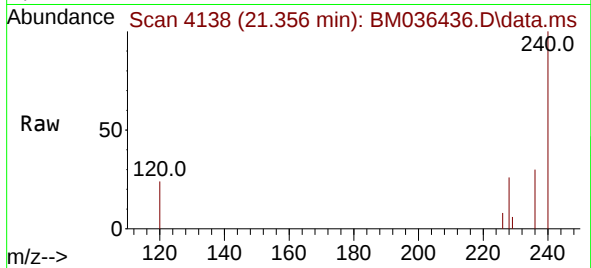
Tgt Ion: 202 Resp: 4389
Ion Ratio Lower Upper
202 100
101 159.0 12.0 18.0#
100 1223.9 9.8 14.6#



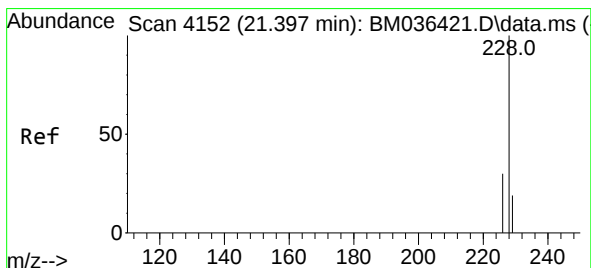
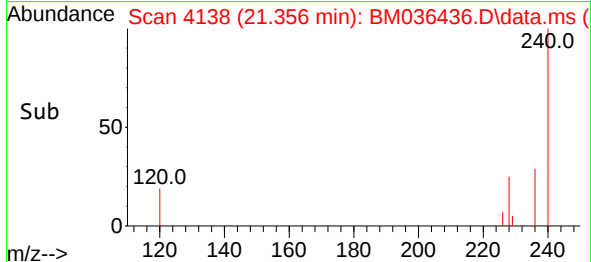
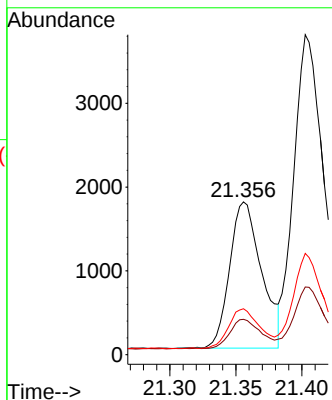


#21
Benzo(a)anthracene
Concen: 0.030 ng/ul
RT: 21.356 min Scan# 4138
Delta R.T. 0.011 min
Lab File: BM036436.D
Acq: 26 Aug 2022 22:08

Instrument :
BNA_M
ClientSampleId :
C0AX9

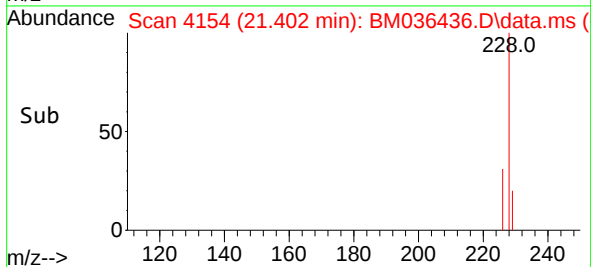
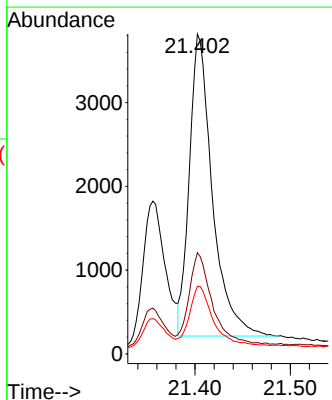
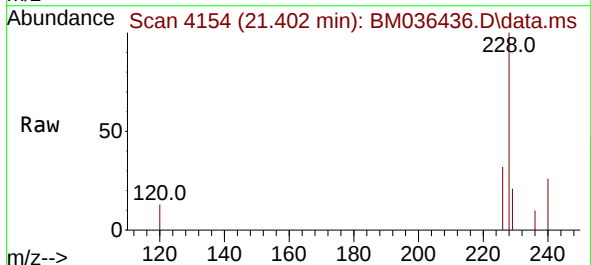


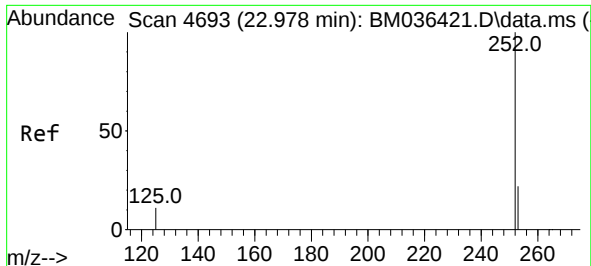
Tgt Ion:228 Resp: 2942
Ion Ratio Lower Upper
228 100
229 23.1 16.2 24.2
226 30.0 22.5 33.7



#22
Chrysene
Concen: 0.045 ng/ul
RT: 21.402 min Scan# 4154
Delta R.T. 0.005 min
Lab File: BM036436.D
Acq: 26 Aug 2022 22:08

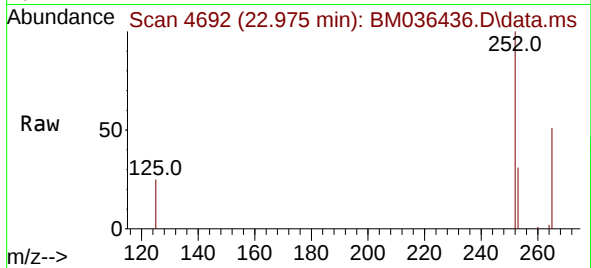
Tgt Ion:228 Resp: 6043
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 21.1 16.4 24.6



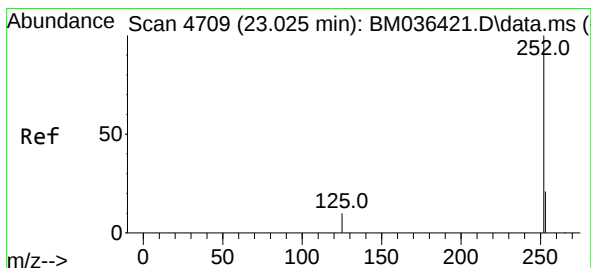
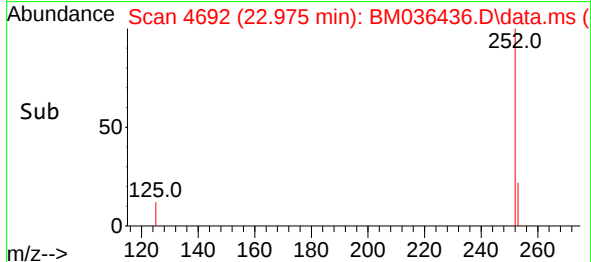
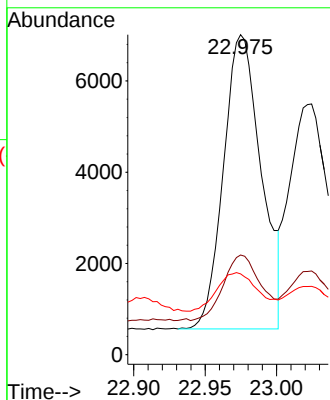


#24
Benzo(b)fluoranthene
Concen: 0.071 ng/ul
RT: 22.975 min Scan# 4692
Delta R.T. -0.004 min
Lab File: BM036436.D
Acq: 26 Aug 2022 22:08

Instrument :
BNA_M
ClientSampleId :
C0AX9

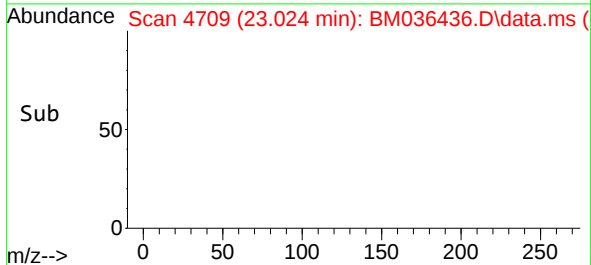
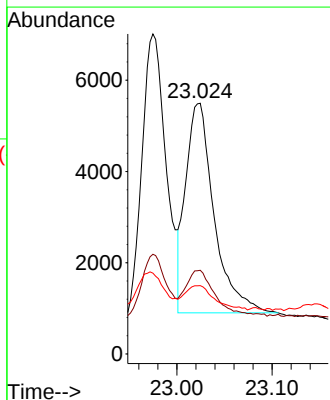
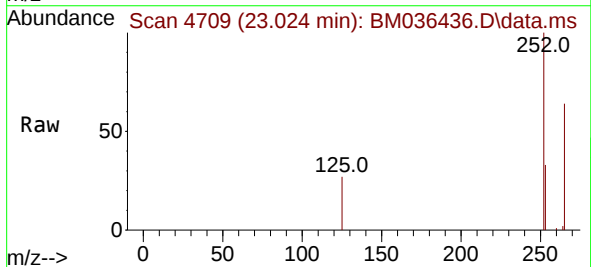


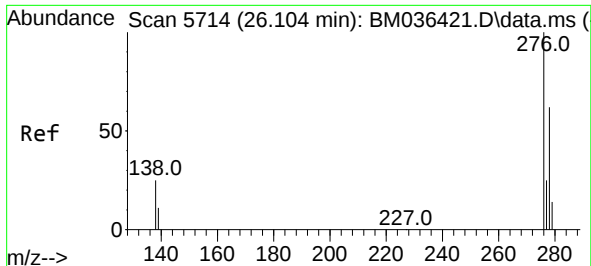
Tgt Ion:252 Resp: 11870
Ion Ratio Lower Upper
252 100
253 31.2 0.0 61.4
125 25.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.057 ng/ul
RT: 23.024 min Scan# 4709
Delta R.T. -0.001 min
Lab File: BM036436.D
Acq: 26 Aug 2022 22:08

Tgt Ion:252 Resp: 9517
Ion Ratio Lower Upper
252 100
253 33.4 25.2 37.8
125 27.3 18.3 27.5

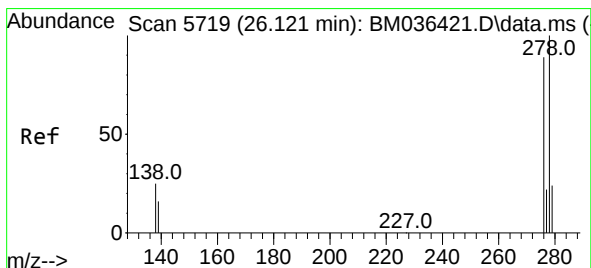
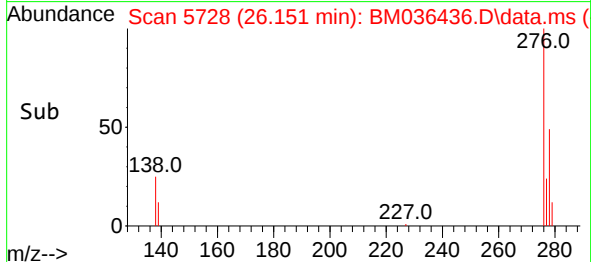
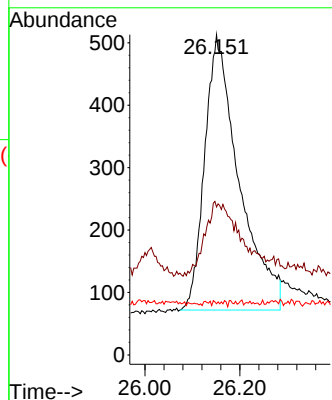
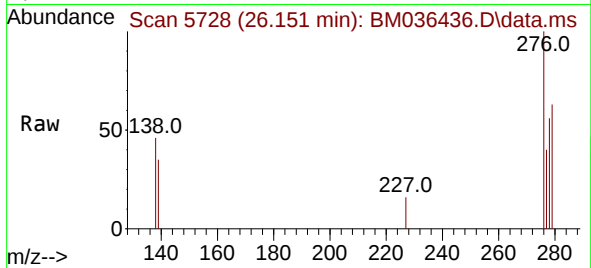




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng/ul
 RT: 26.151 min Scan# 51
 Delta R.T. 0.046 min
 Lab File: BM036436.D
 Acq: 26 Aug 2022 22:08

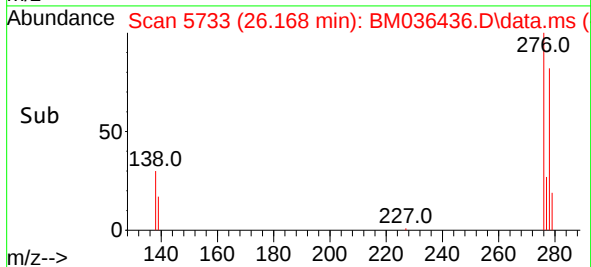
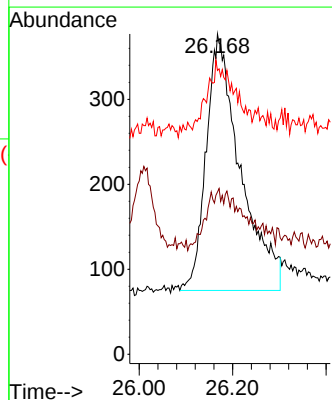
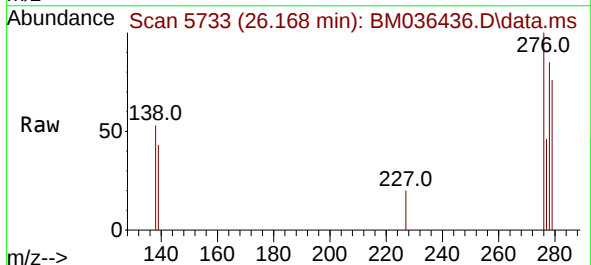
Instrument :
 BNA_M
 ClientSampleId :
 COAX9

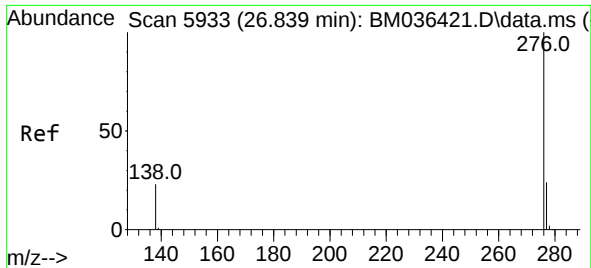
Tgt Ion:276 Resp: 2216
 Ion Ratio Lower Upper
 276 100
 138 30.1 23.9 35.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 26.168 min Scan# 5733
 Delta R.T. 0.046 min
 Lab File: BM036436.D
 Acq: 26 Aug 2022 22:08

Tgt Ion:278 Resp: 1532
 Ion Ratio Lower Upper
 278 100
 139 50.7 19.8 29.6#
 279 88.6 27.7 41.5#





#29

Benzo(g,h,i)perylene

Concen: 0.020 ng/ul

RT: 26.885 min Scan# 5947

Delta R.T. 0.046 min

Lab File: BM036436.D

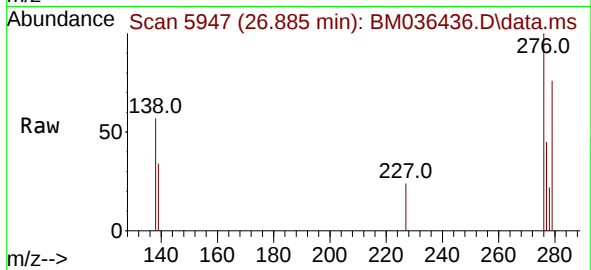
Acq: 26 Aug 2022 22:08

Instrument :

BNA_M

ClientSampleId :

C0AX9



Tgt Ion:276 Resp: 1458

Ion Ratio Lower Upper

276 100

138 56.8 23.4 35.0#

277 45.4 21.0 31.4#

