

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020823\
 Data File : BM038715.D
 Acq On : 08 Feb 2023 11:41
 Operator : CG/JU
 Sample : 01422-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B46

Quant Time: Feb 08 23:55:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:57:50 2023
 Response via : Initial Calibration

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

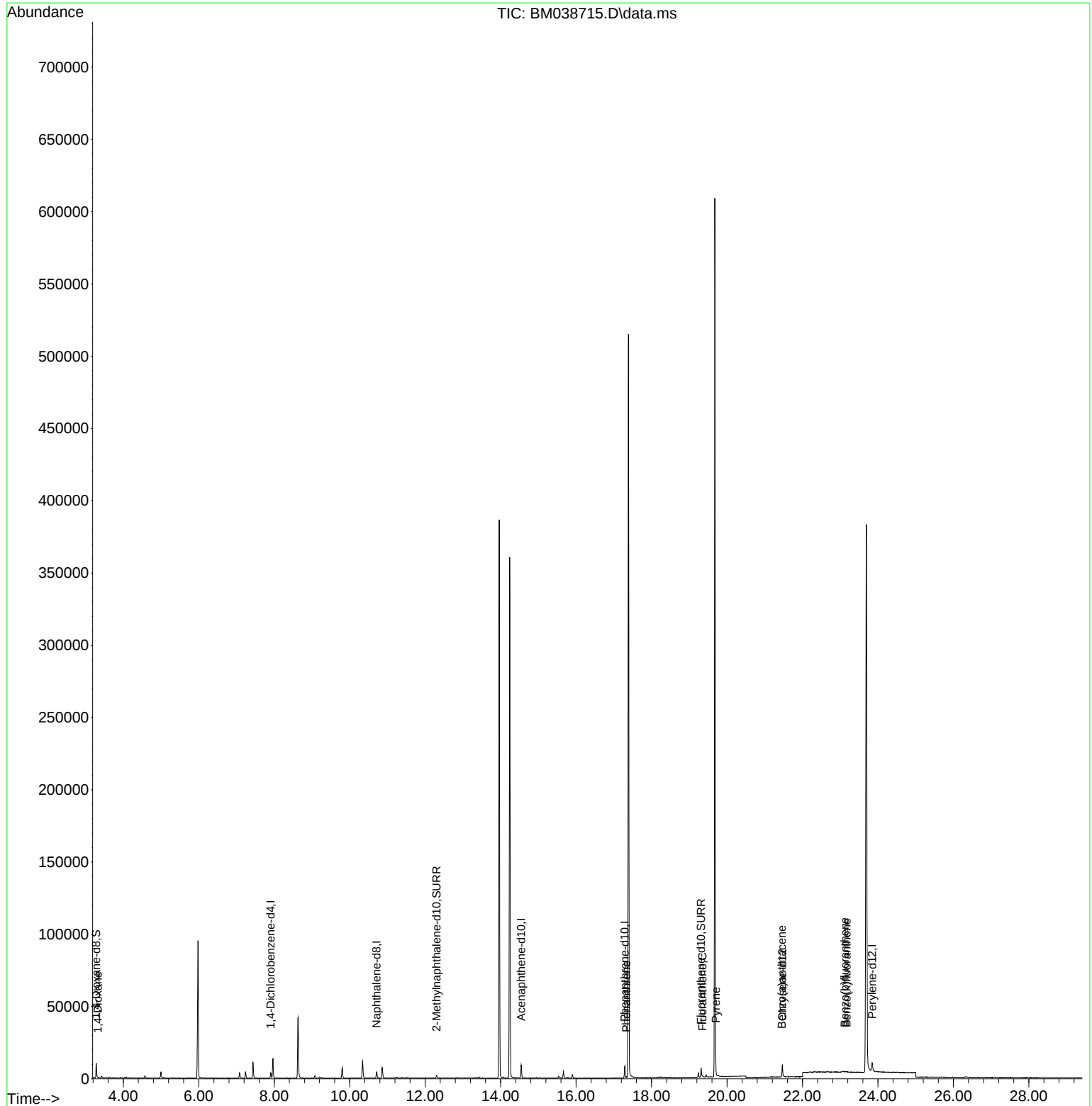
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	2004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	5736	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	4730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	10147	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	8044	0.400	ng/ul	# 0.00
23) Perylene-d12	23.845	264	8875	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	6815	3.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	2359	0.237	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	6887	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	43	0.021	ng/ul#	66
15) Phenanthrene	17.333	178	886	0.029	ng/ul#	78
19) Fluoranthene	19.348	202	1129	0.035	ng/ul#	70
20) Pyrene	19.706	202	994	0.029	ng/ul#	68
21) Benzo(a)anthracene	21.454	228	557	0.021	ng/ul#	41
24) Benzo(b)fluoranthene	23.123	252	907	0.028	ng/ul#	1
25) Benzo(k)fluoranthene	23.173	252	647	0.020	ng/ul#	1

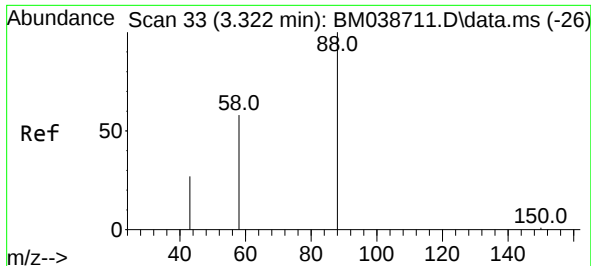
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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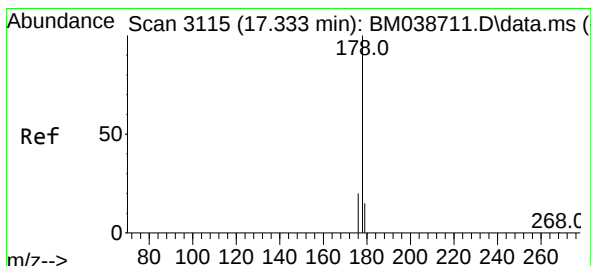
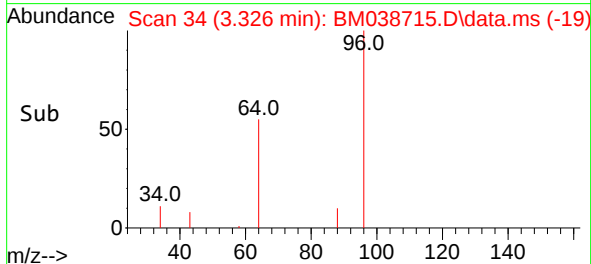
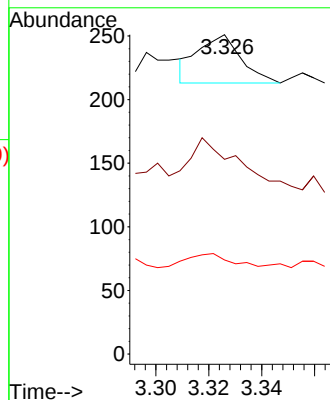
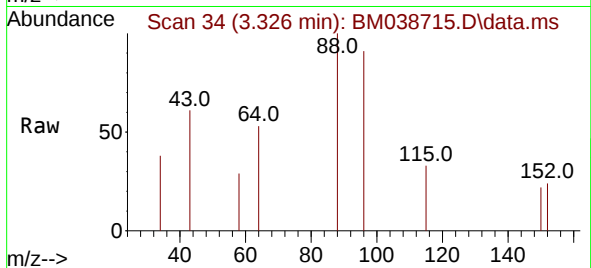




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. 0.004 min
Lab File: BM038715.D
Acq: 08 Feb 2023 11:41

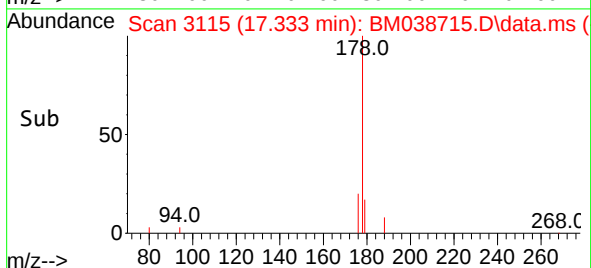
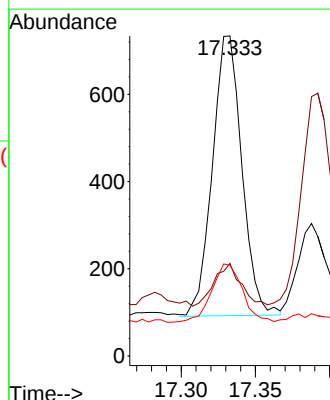
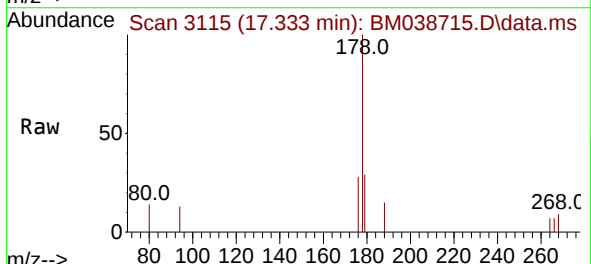
Instrument :
BNA_M
ClientSampleId :
C0B46

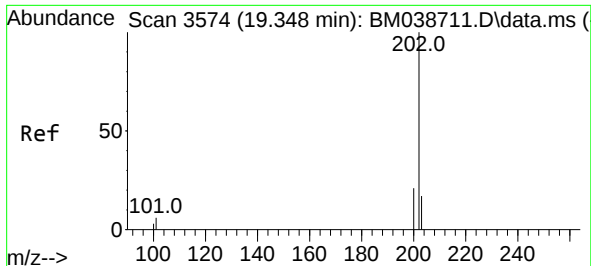
Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 61.0 28.4 42.6#
58 29.5 37.7 56.5#



#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM038715.D
Acq: 08 Feb 2023 11:41

Tgt Ion: 178 Resp: 886
Ion Ratio Lower Upper
178 100
179 28.9 13.0 19.6#
176 28.3 16.5 24.7#

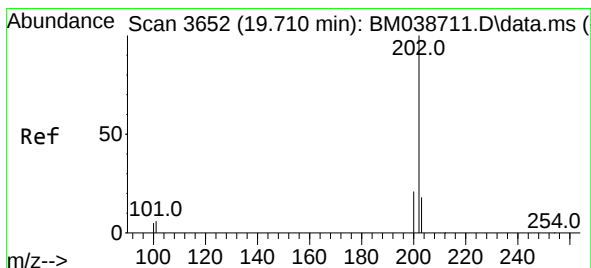
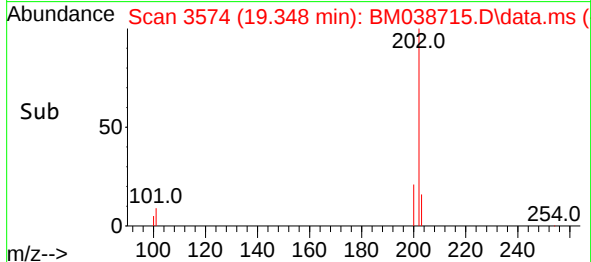
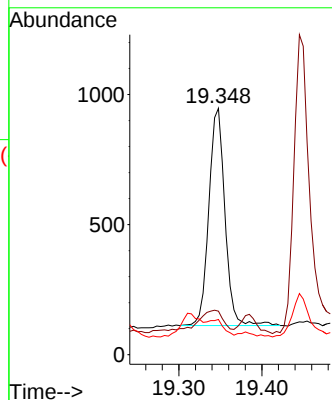
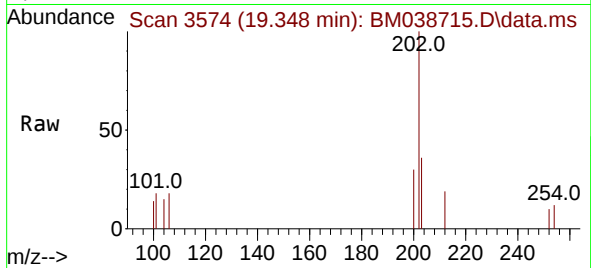




#19
Fluoranthene
Concen: 0.035 ng/u1
RT: 19.348 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BM038715.D
Acq: 08 Feb 2023 11:41

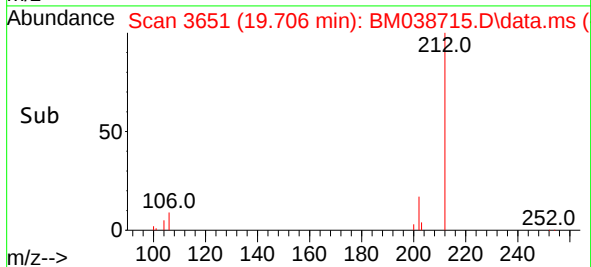
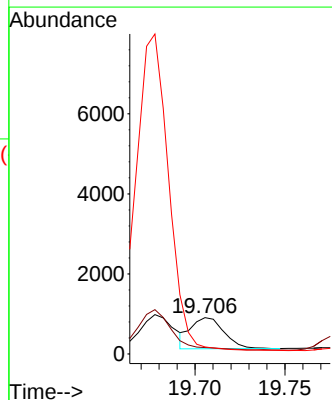
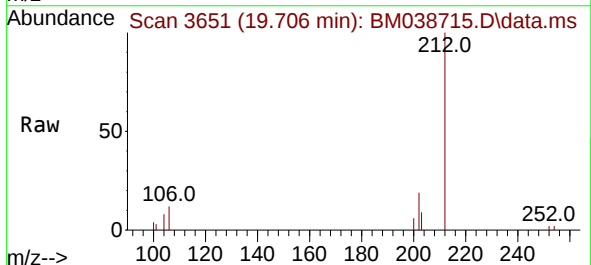
Instrument :
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ClientSampleId :
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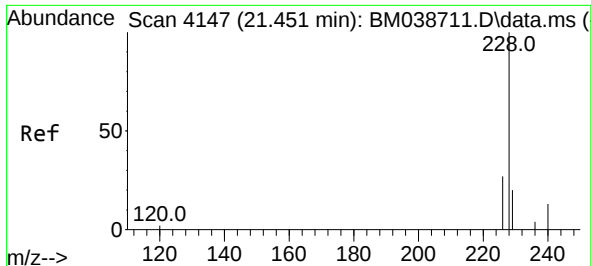
Tgt Ion:202 Resp: 1129
Ion Ratio Lower Upper
202 100
101 17.6 5.0 7.6#
100 14.3 4.6 6.8#



#20
Pyrene
Concen: 0.029 ng/u1
RT: 19.706 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM038715.D
Acq: 08 Feb 2023 11:41

Tgt Ion:202 Resp: 994
Ion Ratio Lower Upper
202 100
101 17.6 6.2 9.2#
100 19.2 5.2 7.8#

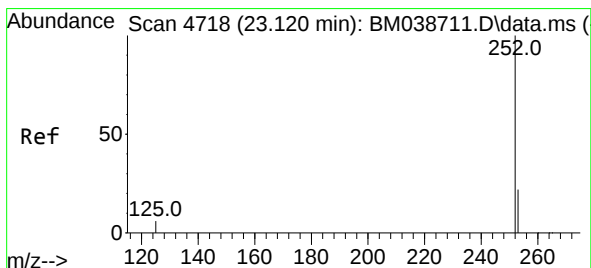
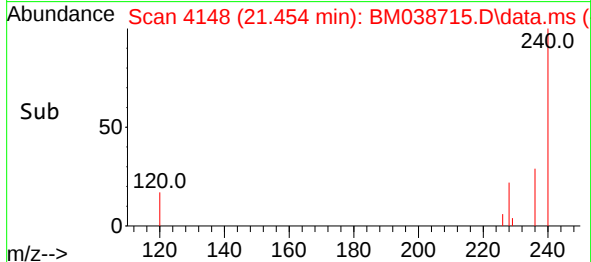
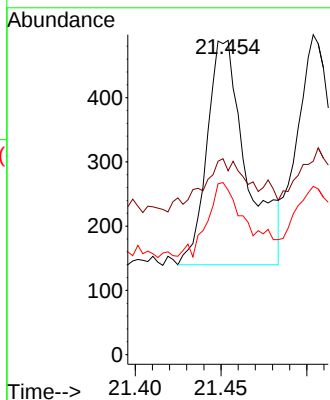
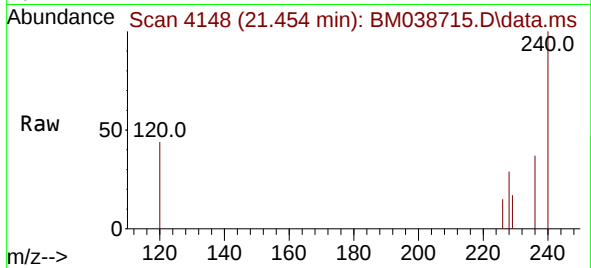




#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.454 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BM038715.D
Acq: 08 Feb 2023 11:41

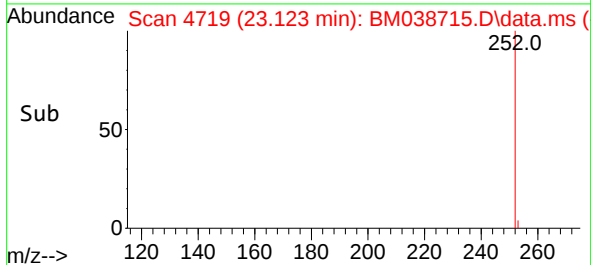
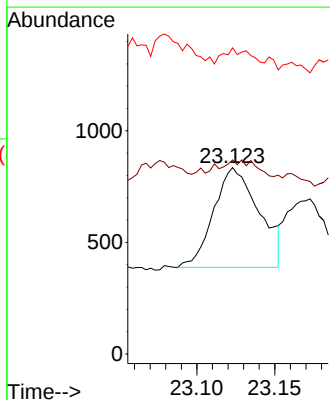
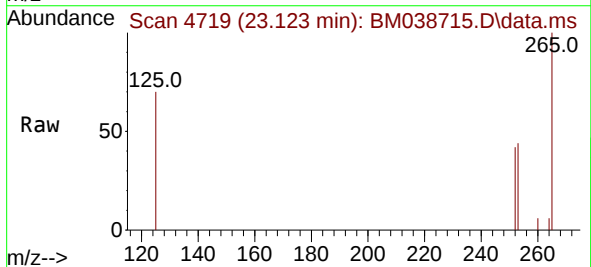
Instrument :
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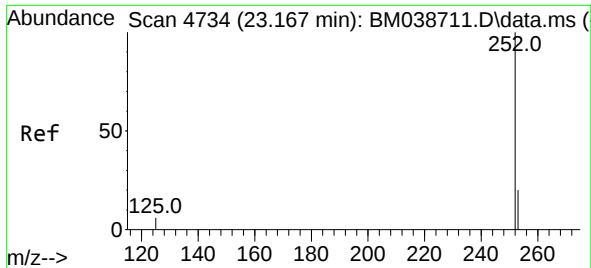
Tgt Ion:228 Resp: 557
Ion Ratio Lower Upper
228 100
229 58.5 17.0 25.6#
226 52.4 23.0 34.6#



#24
Benzo(b)fluoranthene
Concen: 0.028 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM038715.D
Acq: 08 Feb 2023 11:41

Tgt Ion:252 Resp: 907
Ion Ratio Lower Upper
252 100
253 104.2 0.0 56.4#
125 164.3 0.0 22.8#





#25

Benzo(k)fluoranthene

Concen: 0.020 ng/ul

RT: 23.173 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038715.D

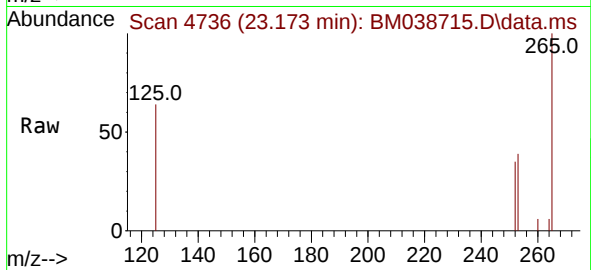
Acq: 08 Feb 2023 11:41

Instrument :

BNA_M

ClientSampleId :

C0B46



Tgt Ion:252 Resp: 647

Ion Ratio Lower Upper

252 100

253 111.2 23.0 34.6#

125 181.3 9.4 14.0#

