

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042122.D
 Acq On : 28 Sep 2023 19:38
 Operator : MA/JU
 Sample : 04480-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ23

Quant Time: Sep 29 04:41:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

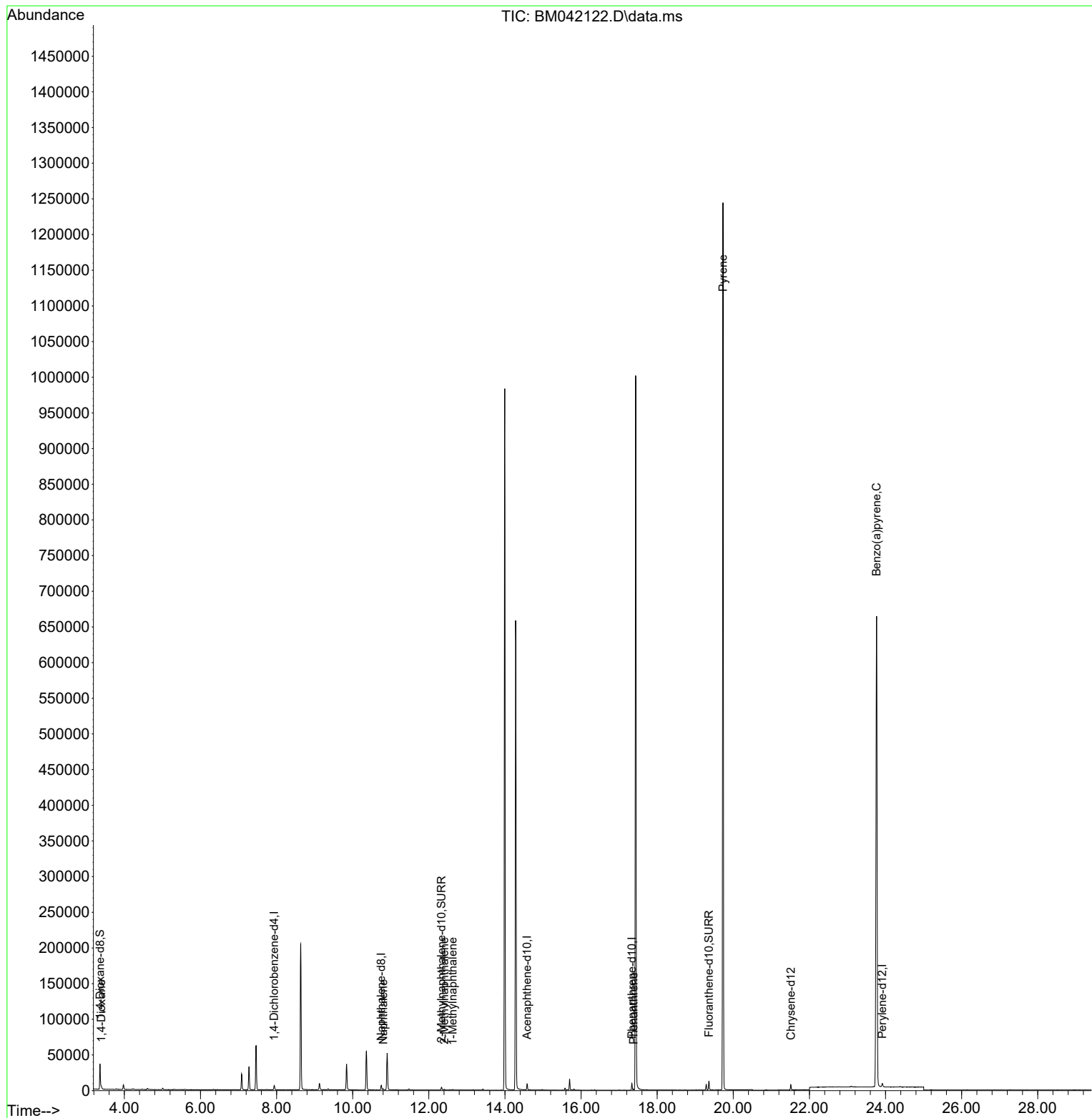
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3083	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	8309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	4191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	9730	0.400	ng/ul	0.00
17) Chrysene-d12	21.513	240	6113	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	7091	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	21591	5.139	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	5070	0.487	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	10831	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	1229	0.278	ng/ul#	87
5) Naphthalene	10.801	128	1945	0.070	ng/ul#	89
7) 2-Methylnaphthalene	12.407	142	803	0.048	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	518	0.031	ng/ul	99
15) Phenanthrene	17.379	178	1527	0.034	ng/ul#	87
20) Pyrene	19.729	202	2870	0.042	ng/ul#	1
26) Benzo(a)pyrene	23.763	252	5412	0.121	ng/ul#	68

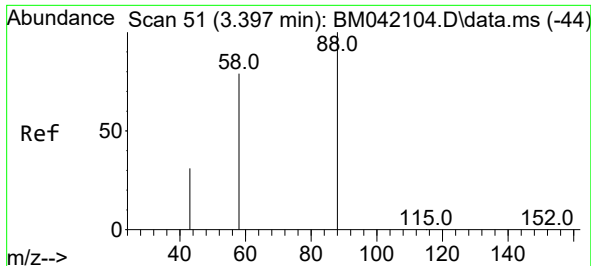
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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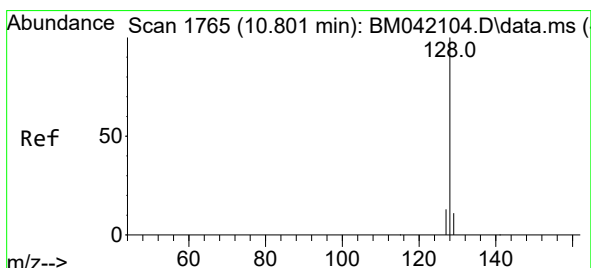
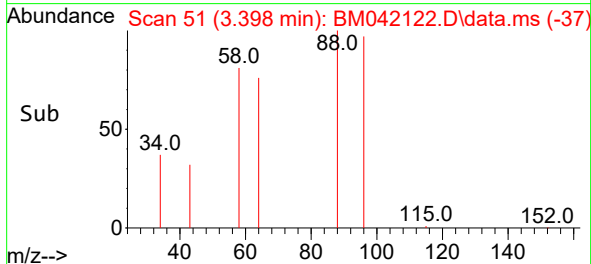
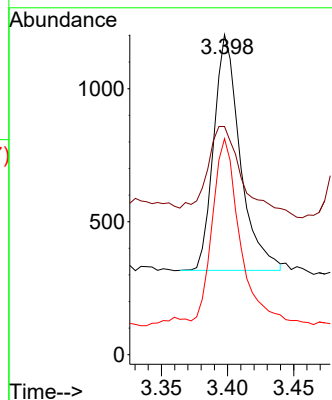
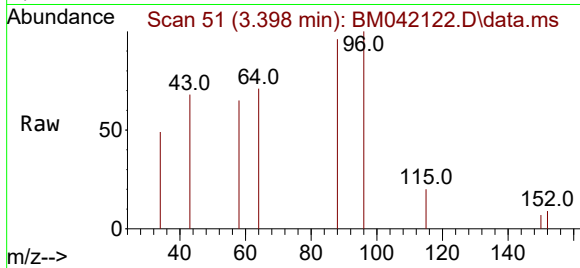




#2
1,4-Dioxane
Concen: 0.278 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM042122.D
Acq: 28 Sep 2023 19:38

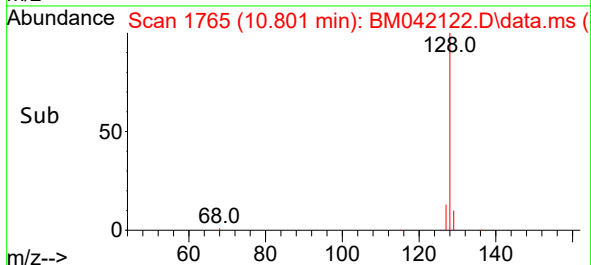
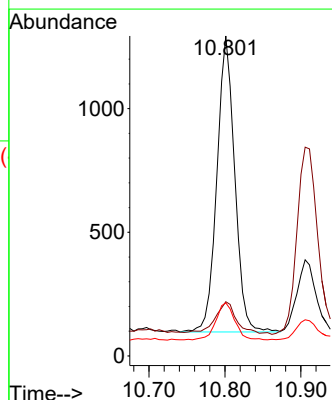
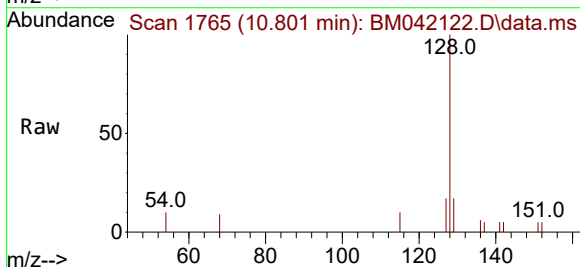
Instrument :
BNA_M
ClientSampleId :
BBJ23

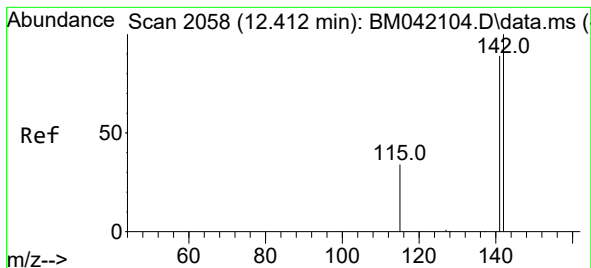
Tgt Ion: 88 Resp: 1229
Ion Ratio Lower Upper
88 100
43 71.3 42.9 64.3#
58 67.5 56.4 84.6



#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM042122.D
Acq: 28 Sep 2023 19:38

Tgt Ion: 128 Resp: 1945
Ion Ratio Lower Upper
128 100
129 16.9 9.2 13.8#
127 16.6 10.8 16.2#

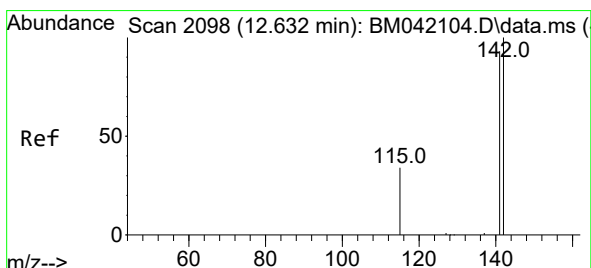
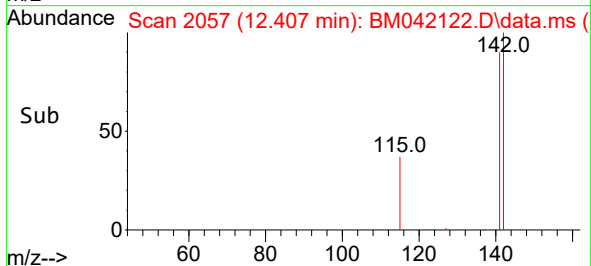
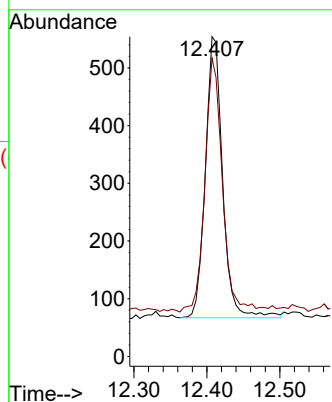
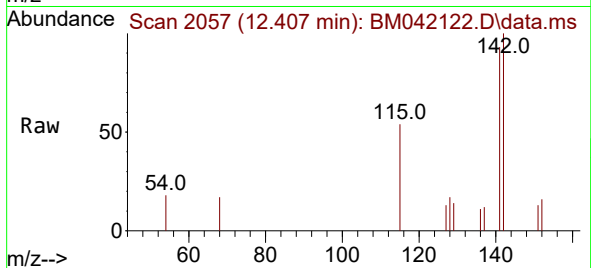




#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BM042122.D
Acq: 28 Sep 2023 19:38

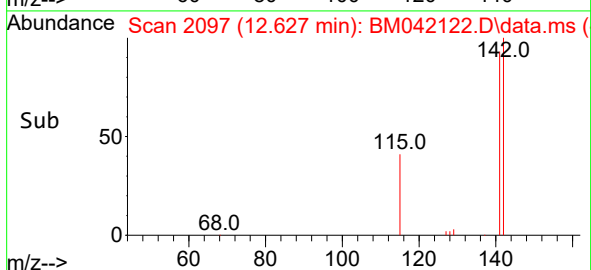
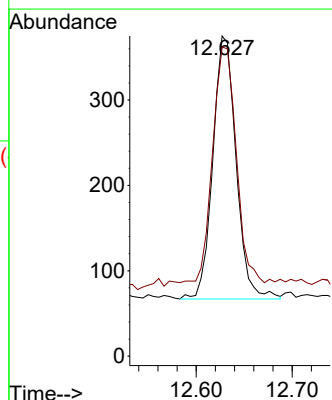
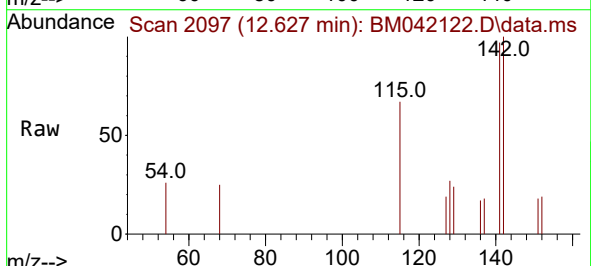
Instrument :
BNA_M
ClientSampleId :
BBJ23

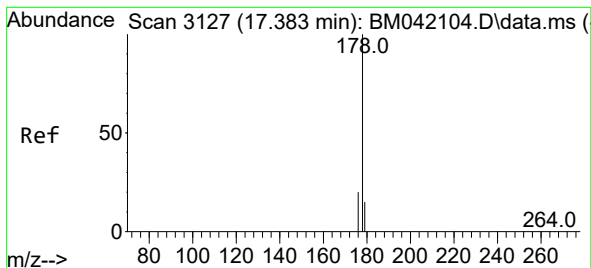
Tgt Ion:142 Resp: 803
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM042122.D
Acq: 28 Sep 2023 19:38

Tgt Ion:142 Resp: 518
Ion Ratio Lower Upper
142 100
141 93.1 75.1 112.7





#15

Phenanthrene

Concen: 0.034 ng/ul

RT: 17.379 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM042122.D

Acq: 28 Sep 2023 19:38

Instrument :

BNA_M

ClientSampleId :

BBJ23

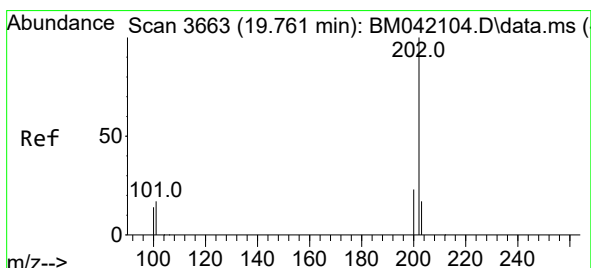
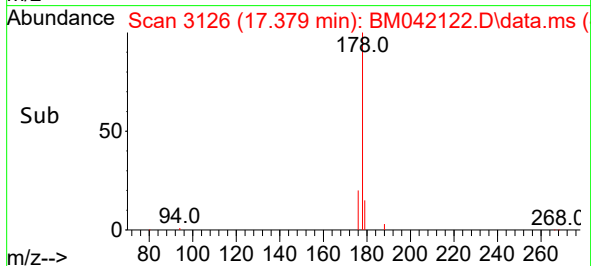
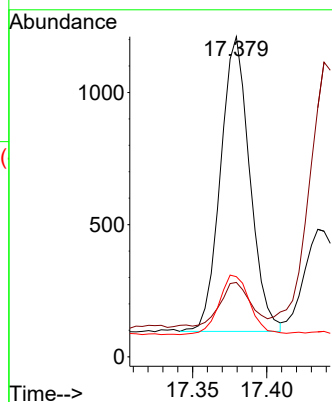
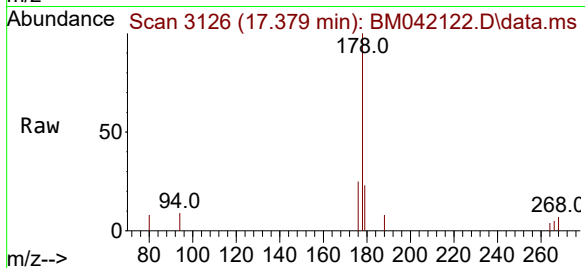
Tgt Ion:178 Resp: 1527

Ion Ratio Lower Upper

178 100

179 23.2 12.7 19.1#

176 25.0 16.6 24.8#



#20

Pyrene

Concen: 0.042 ng/ul

RT: 19.729 min Scan# 3656

Delta R.T. -0.028 min

Lab File: BM042122.D

Acq: 28 Sep 2023 19:38

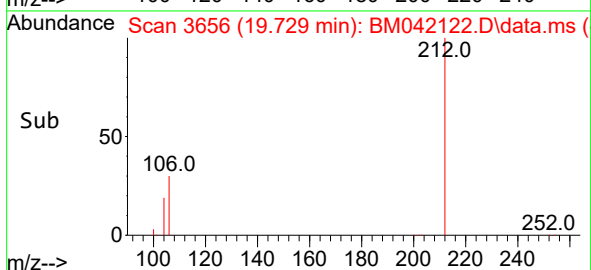
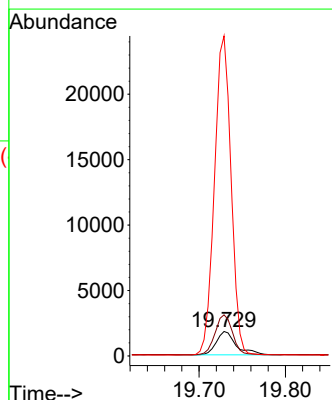
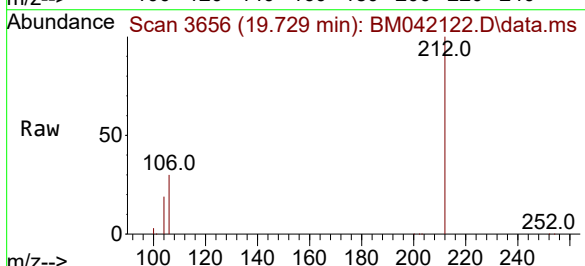
Tgt Ion:202 Resp: 2870

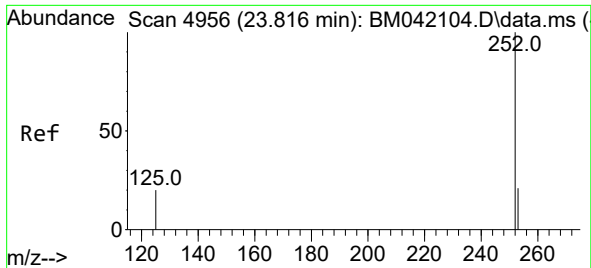
Ion Ratio Lower Upper

202 100

101 168.1 14.1 21.1#

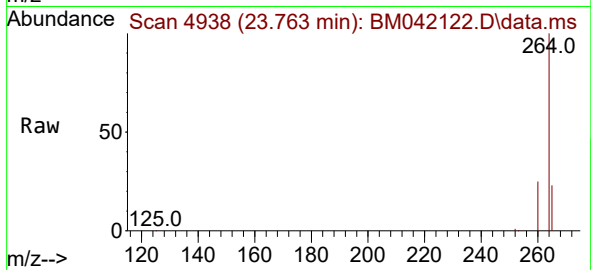
100 1307.1 11.4 17.0#





#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.763 min Scan# 4938
Delta R.T. -0.044 min
Lab File: BM042122.D
Acq: 28 Sep 2023 19:38

Instrument :
BNA_M
ClientSampleId :
BBJ23



Tgt Ion:252 Resp: 5412
Ion Ratio Lower Upper
252 100
253 46.9 23.2 34.8#
125 44.6 22.5 33.7#

