

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044164.D
 Acq On : 17 Feb 2024 07:29
 Operator : MA/JU
 Sample : P1402-12
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC1

Quant Time: Feb 18 23:55:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

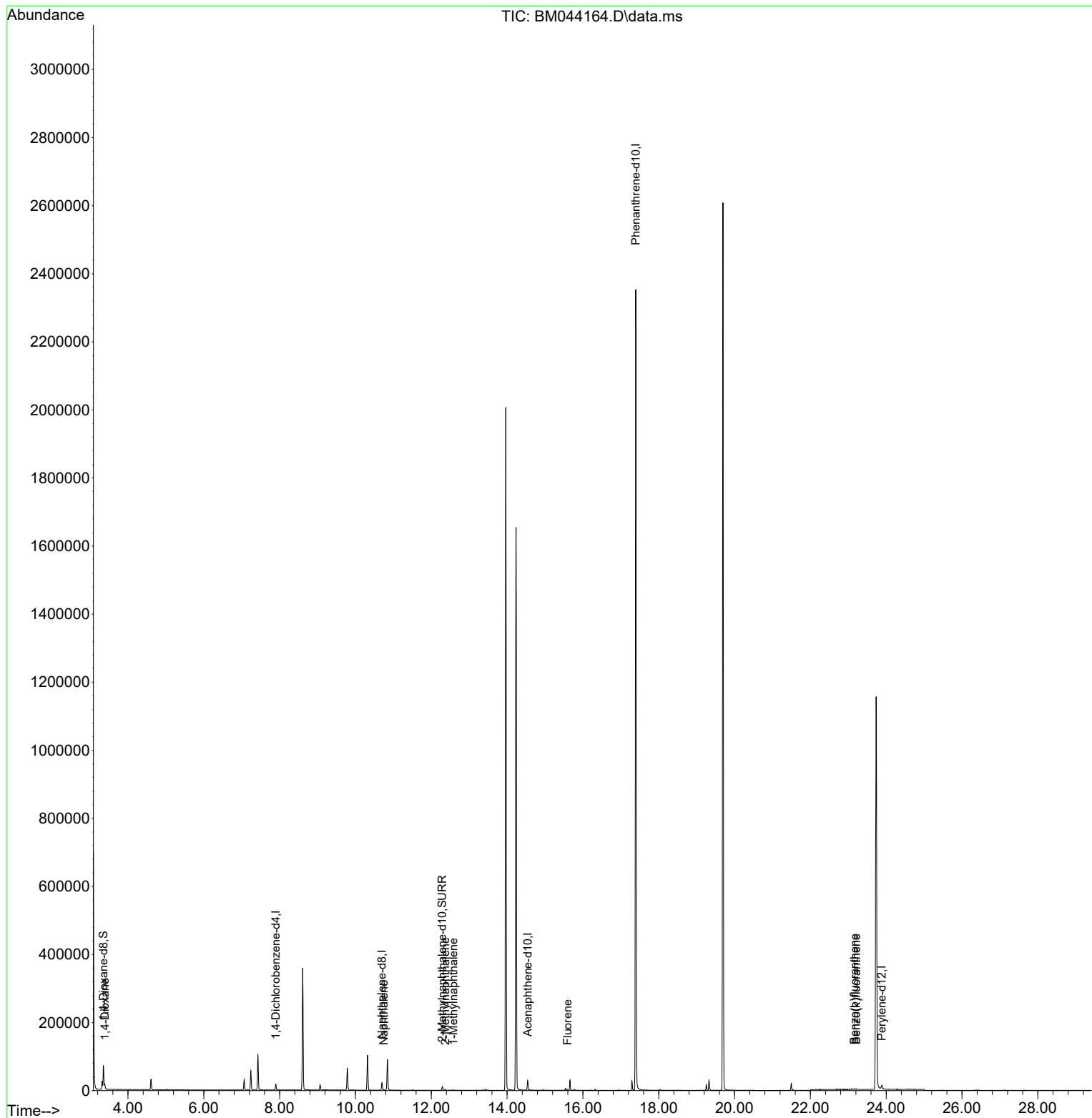
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	29143	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	15287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.394	188	2641491	0.400	ng/ul	# 0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.50
23) Perylene-d12	23.885	264	21047	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	46947	3.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	15116	0.370	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	30434	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	8713	0.706	ng/ul#	84
5) Naphthalene	10.749	128	2569	0.030	ng/ul#	89
7) 2-Methylnaphthalene	12.365	142	1859	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	1223	0.023	ng/ul	99
12) Fluorene	15.593	166	1558	0.023	ng/ul#	98
24) Benzo(b)fluoranthene	23.157	252	2348	0.027	ng/ul#	31
25) Benzo(k)fluoranthene	23.207	252	2205	0.023	ng/ul#	2

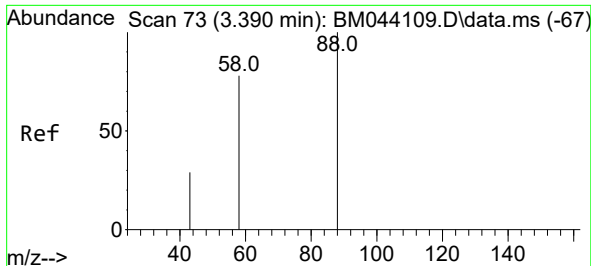
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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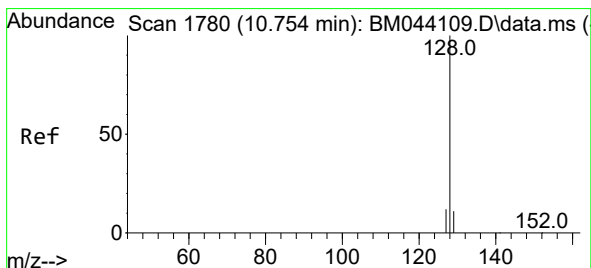
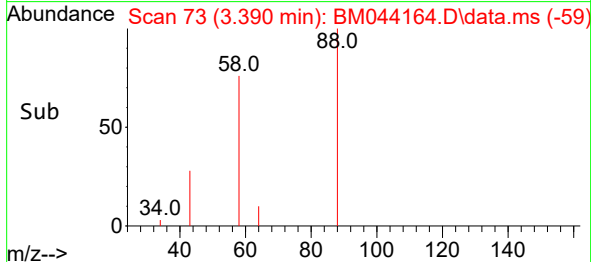
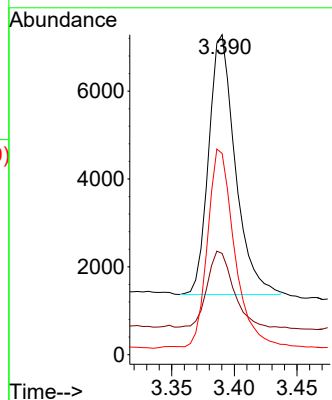
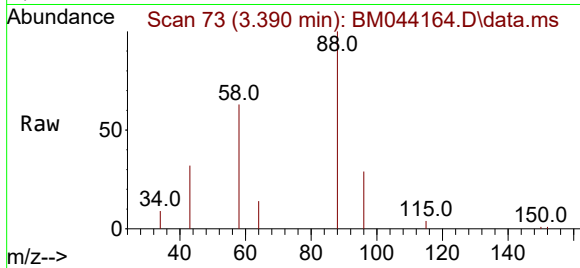




#2
1,4-Dioxane
Concen: 0.706 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044164.D
Acq: 17 Feb 2024 07:29

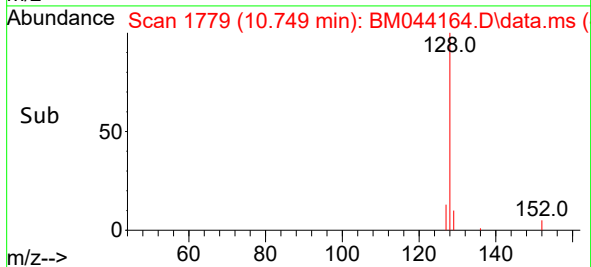
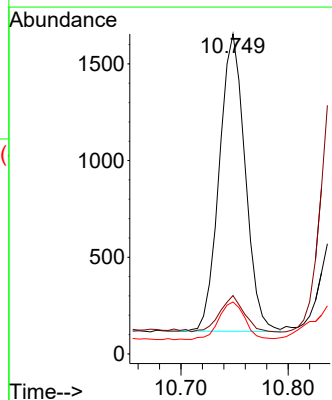
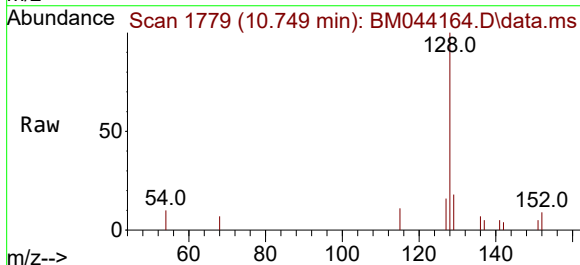
Instrument :
BNA_M
ClientSampleId :
C0AC1

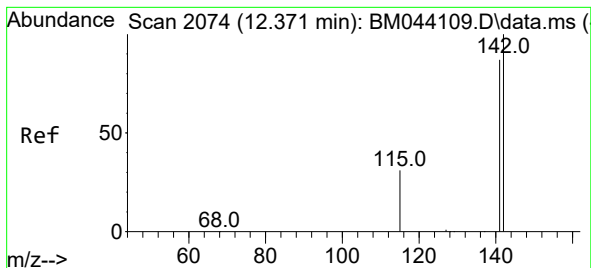
Tgt Ion: 88 Resp: 8713
Ion Ratio Lower Upper
88 100
43 31.6 32.2 48.2#
58 62.9 40.6 60.8#



#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044164.D
Acq: 17 Feb 2024 07:29

Tgt Ion: 128 Resp: 2569
Ion Ratio Lower Upper
128 100
129 18.2 9.5 14.3#
127 16.3 10.7 16.1#

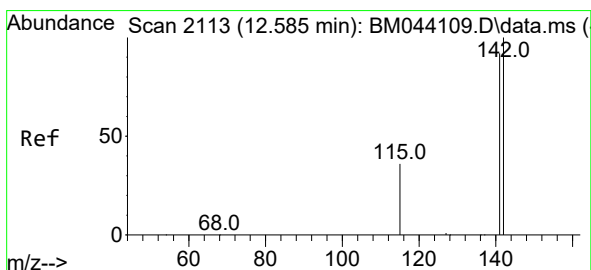
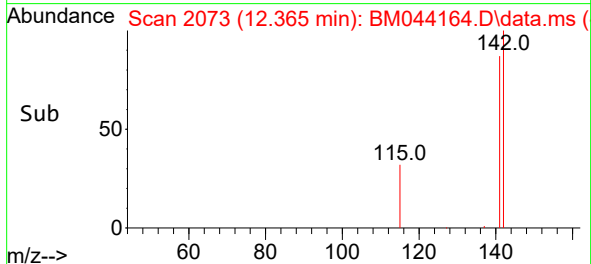
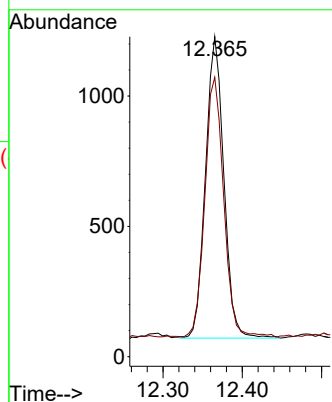
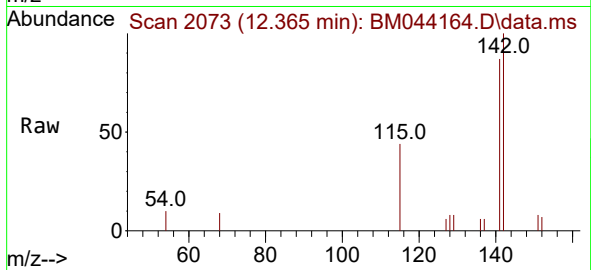




#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044164.D
Acq: 17 Feb 2024 07:29

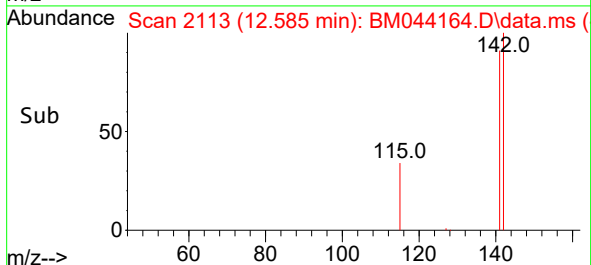
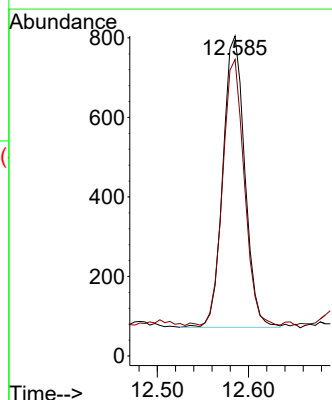
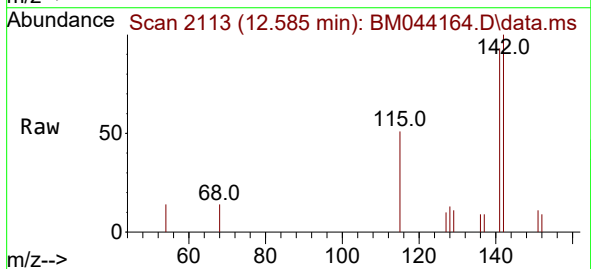
Instrument :
BNA_M
ClientSampleId :
C0AC1

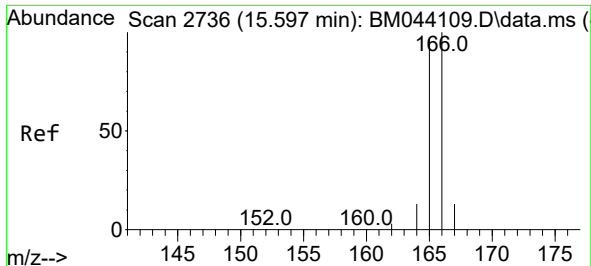
Tgt Ion:142 Resp: 1859
Ion Ratio Lower Upper
142 100
141 88.8 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044164.D
Acq: 17 Feb 2024 07:29

Tgt Ion:142 Resp: 1223
Ion Ratio Lower Upper
142 100
141 89.6 72.5 108.7

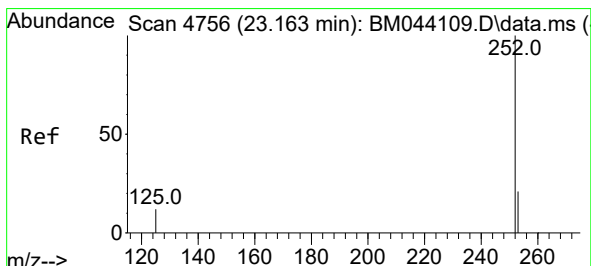
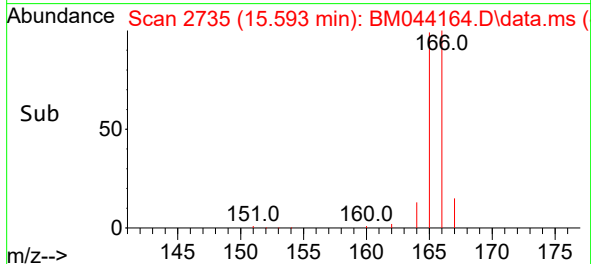
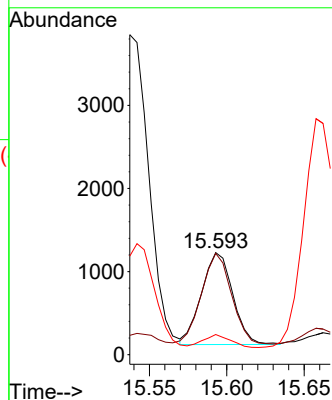
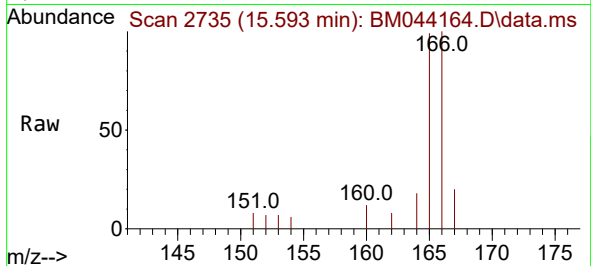




#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.593 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044164.D
Acq: 17 Feb 2024 07:29

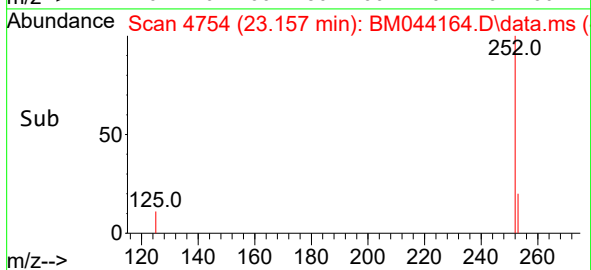
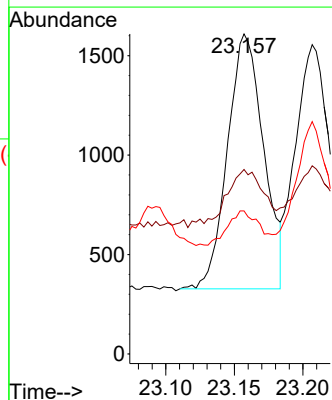
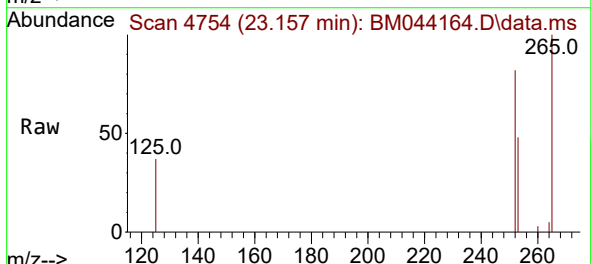
Instrument :
BNA_M
ClientSampleId :
C0AC1

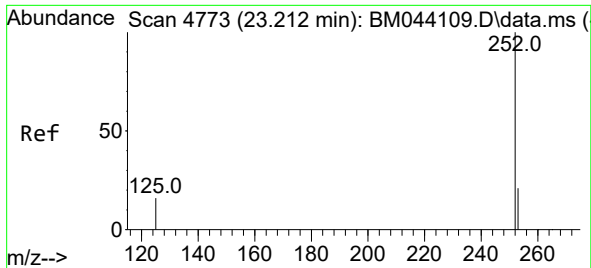
Tgt Ion:166 Resp: 1558
Ion Ratio Lower Upper
166 100
165 99.2 79.8 119.6
167 19.8 11.1 16.7#



#24
Benzo(b)fluoranthene
Concen: 0.027 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. -0.006 min
Lab File: BM044164.D
Acq: 17 Feb 2024 07:29

Tgt Ion:252 Resp: 2348
Ion Ratio Lower Upper
252 100
253 57.7 0.0 50.0#
125 44.7 0.0 28.2#





#25

Benzo(k)fluoranthene

Concen: 0.023 ng/ul

RT: 23.207 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM044164.D

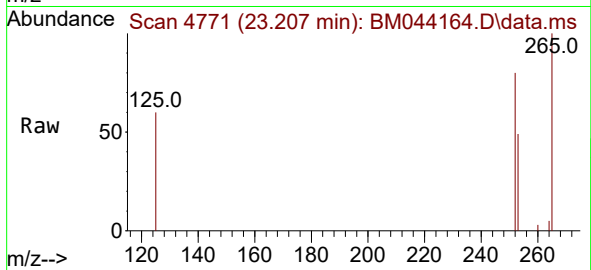
Acq: 17 Feb 2024 07:29

Instrument :

BNA_M

ClientSampleId :

C0AC1



Tgt Ion:252 Resp: 2205

Ion Ratio Lower Upper

252 100

253 60.8 20.1 30.1#

125 75.1 12.3 18.5#

