

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039723.D
 Acq On : 28 Apr 2023 01:34
 Operator : CG/JU
 Sample : 02417-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:36:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3380	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	12757	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16344	0.400	ng/ul	-0.01
17) Chrysene-d12	21.401	240	13899	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	13352	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	14346	2.880	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	3508	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	9399	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	1417	0.044	ng/ul#	81
7) 2-Methylnaphthalene	12.289	142	1067	0.058	ng/ul	97
8) 1-Methylnaphthalene	12.498	142	926	0.047	ng/ul	99
15) Phenanthrene	17.242	178	3589	0.083	ng/ul	92
19) Fluoranthene	19.266	202	3813	0.077	ng/ul#	89
20) Pyrene	19.629	202	3429	0.064	ng/ul#	85
21) Benzo(a)anthracene	21.386	228	2003	0.050	ng/ul#	82
22) Chrysene	21.439	228	2017	0.045	ng/ul#	85
24) Benzo(b)fluoranthene	23.035	252	2441	0.052	ng/ul#	25
25) Benzo(k)fluoranthene	23.073	252	1031m	0.022	ng/ul	
26) Benzo(a)pyrene	23.631	252	1275	0.030	ng/ul#	13

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

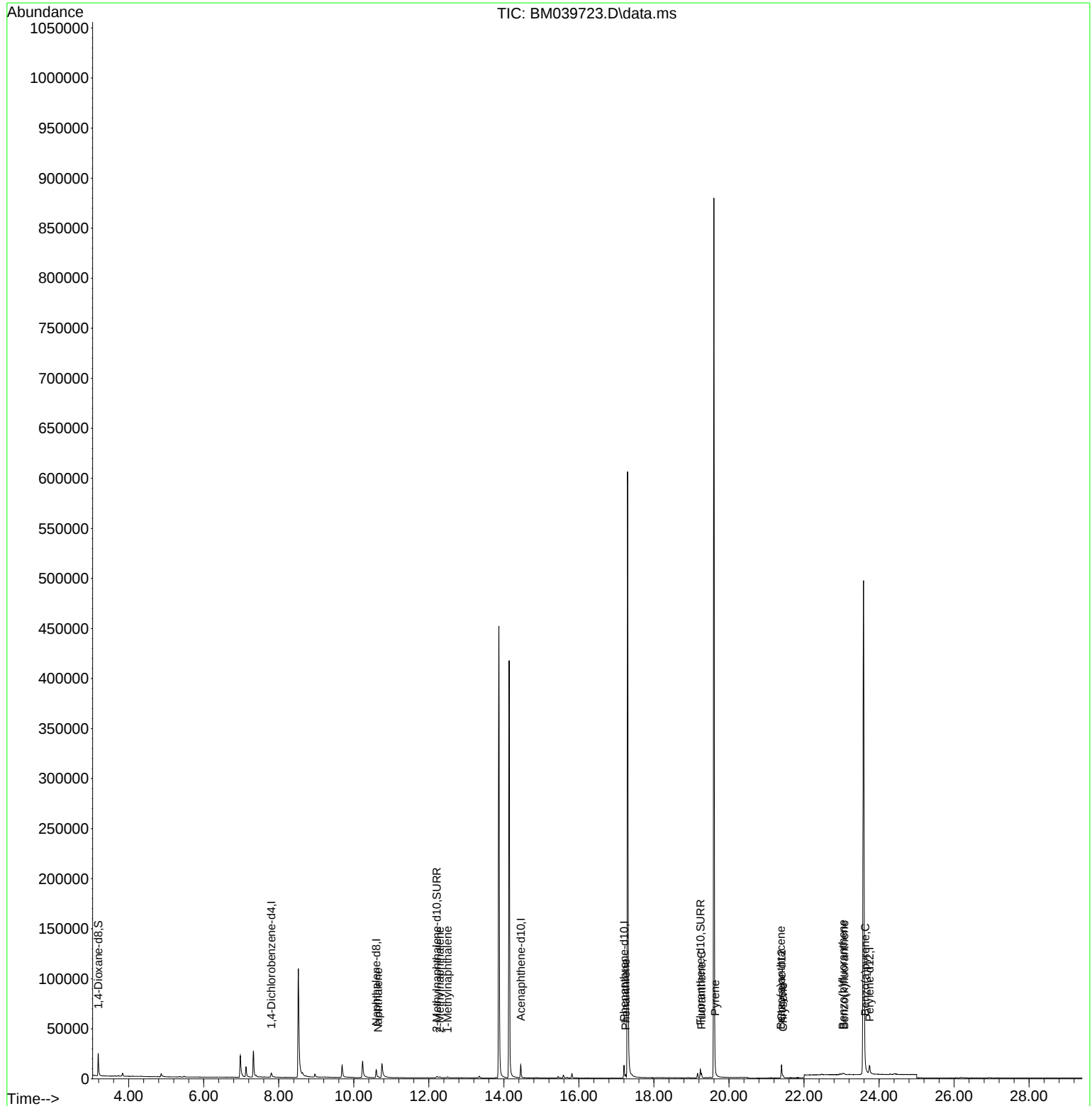
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039723.D
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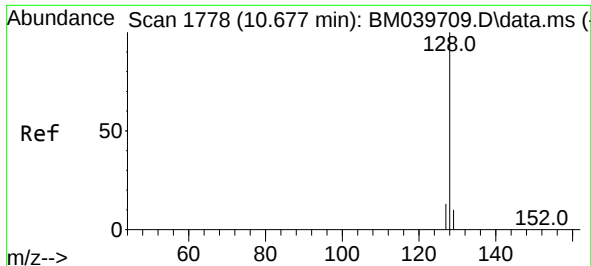
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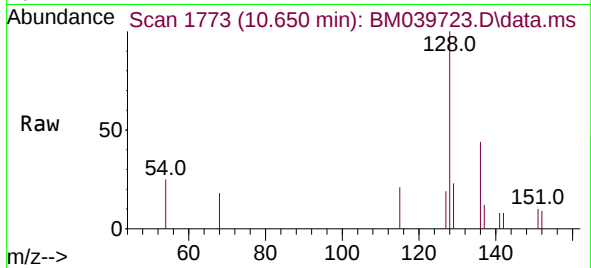
Quant Time: Apr 28 02:36:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

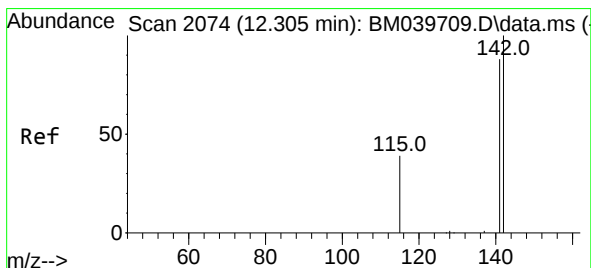
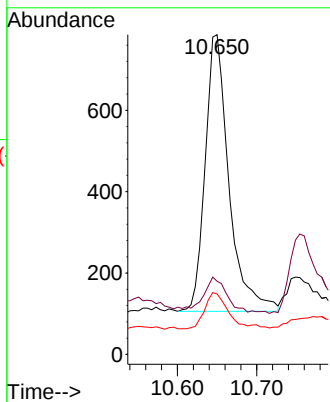
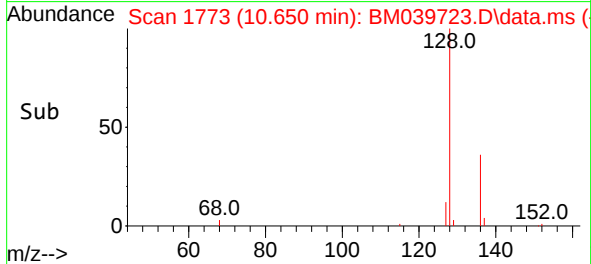
Instrument :
BNA_M
ClientSampleId :
EW8X9



Tgt Ion:128 Resp: 1417
Ion Ratio Lower Upper
128 100
129 22.9 9.8 14.6
127 19.0 11.1 16.7

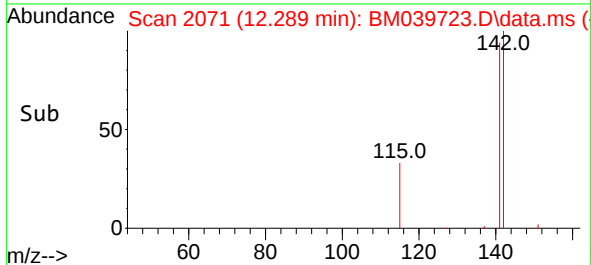
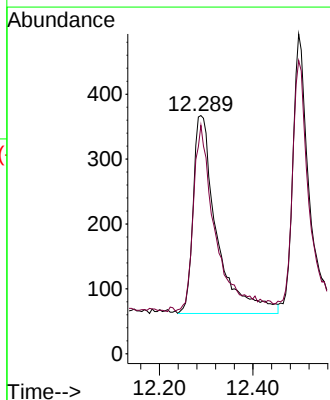
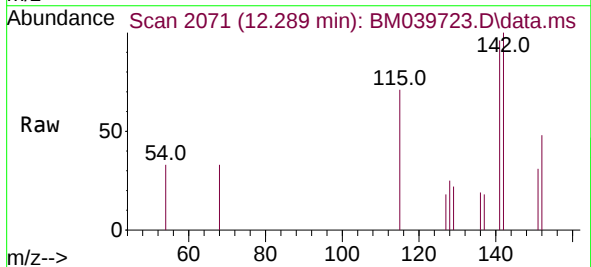
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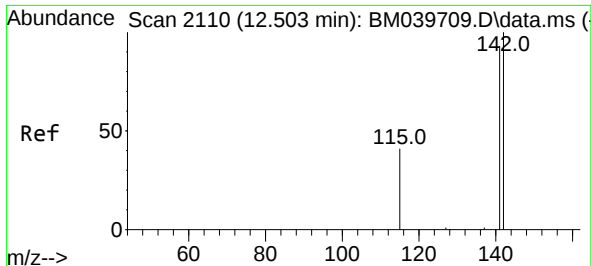
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

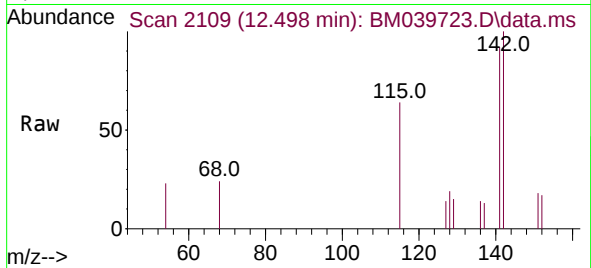
Tgt Ion:142 Resp: 1067
Ion Ratio Lower Upper
142 100
141 88.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

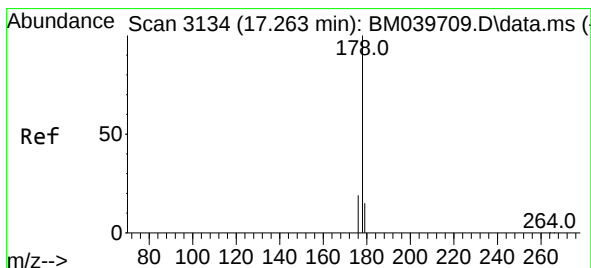
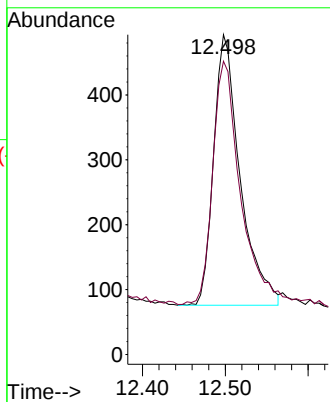
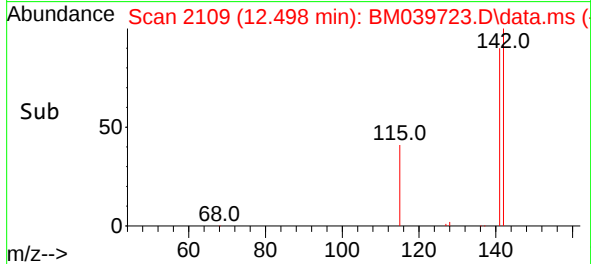
Instrument :
BNA_M
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Tgt Ion:142 Resp: 926
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2

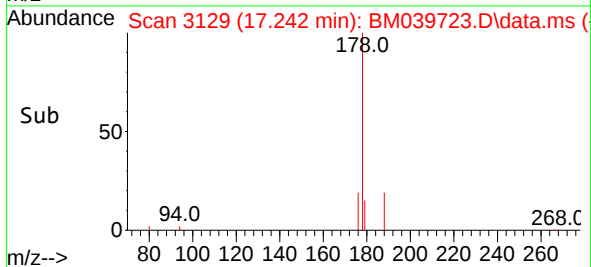
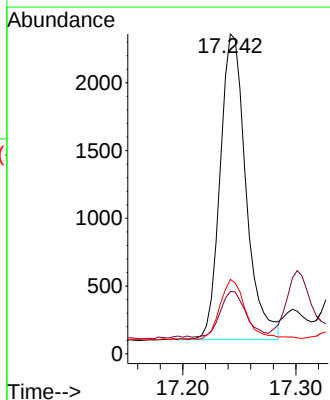
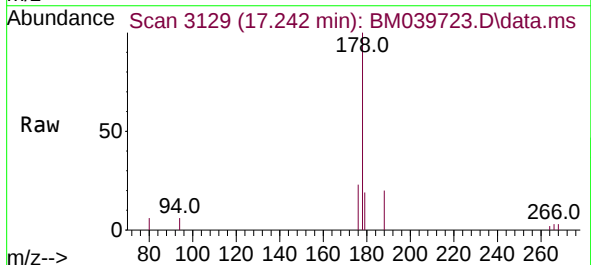
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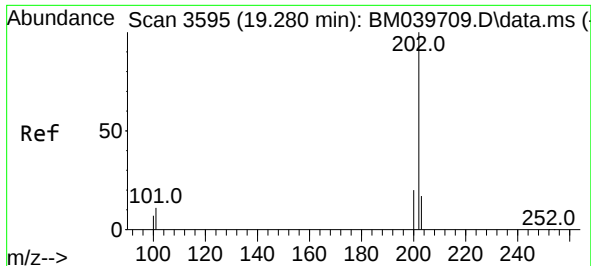
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#15
Phenanthrene
Concen: 0.083 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

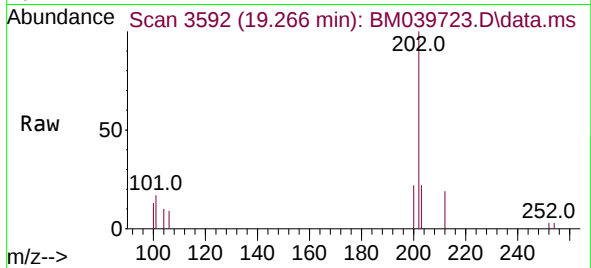
Tgt Ion:178 Resp: 3589
Ion Ratio Lower Upper
178 100
179 19.5 13.0 19.6
176 23.3 15.8 23.8





#19
Fluoranthene
Concen: 0.077 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

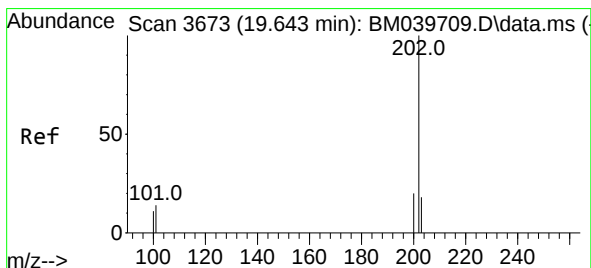
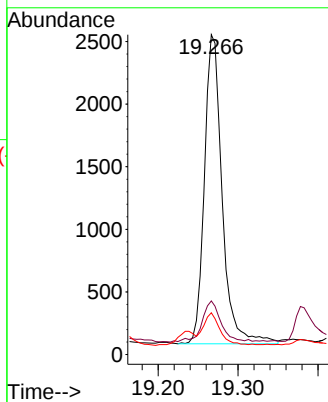
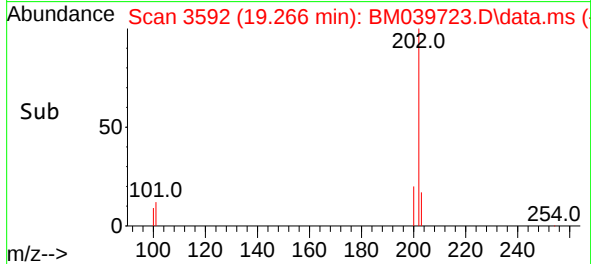
Instrument :
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ClientSampleId :
EW8X9



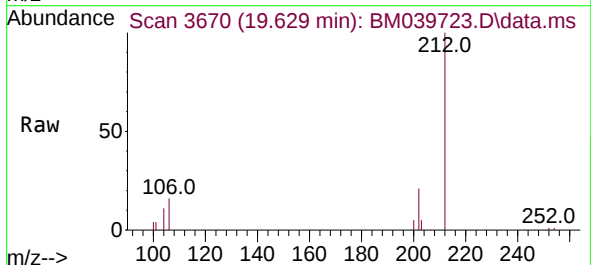
Tgt Ion:202 Resp: 3813
Ion Ratio Lower Upper
202 100
101 16.8 9.8 14.8#
100 13.1 7.3 10.9#

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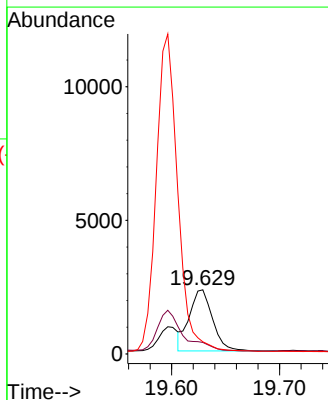
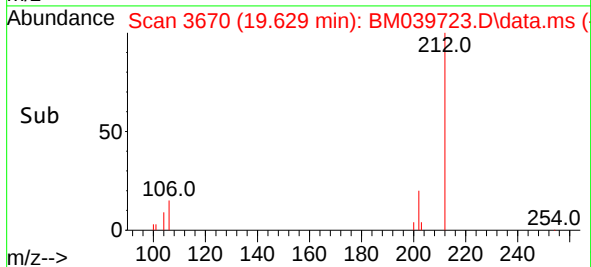
Reviewed By :Christian Giraldo 04/28/2023
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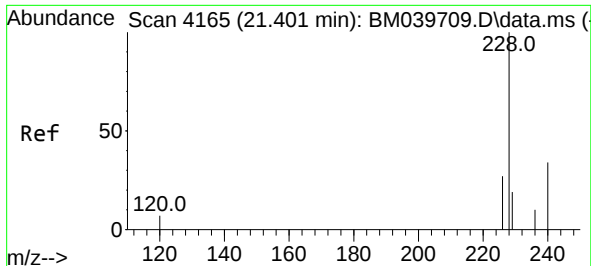


#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34



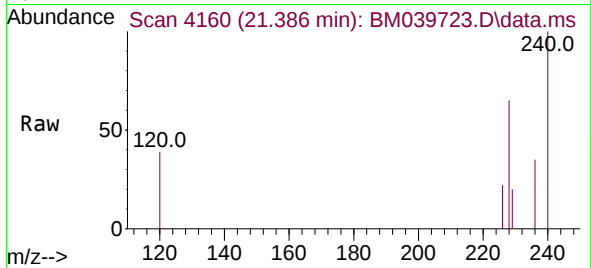
Tgt Ion:202 Resp: 3429
Ion Ratio Lower Upper
202 100
101 17.8 10.9 16.3#
100 18.8 8.9 13.3#





#21
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.386 min Scan# 4165
Delta R.T. -0.010 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

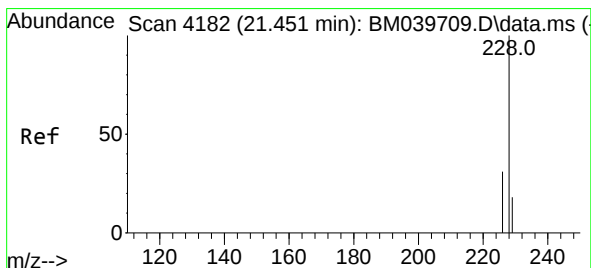
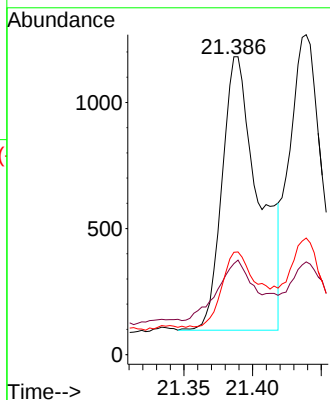
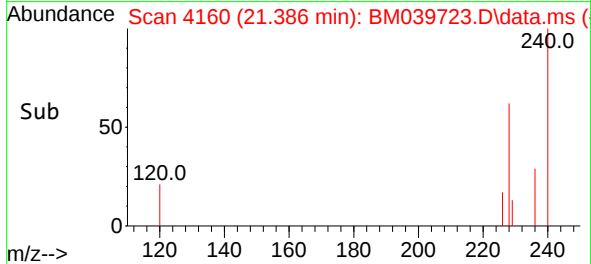
Instrument :
BNA_M
ClientSampleId :
EW8X9



Tgt Ion:228 Resp: 2003
Ion Ratio Lower Upper
228 100
229 30.6 16.2 24.2
226 34.4 21.6 32.4

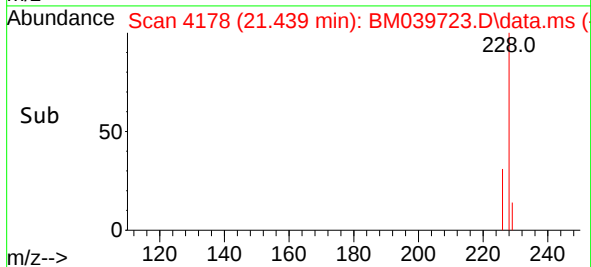
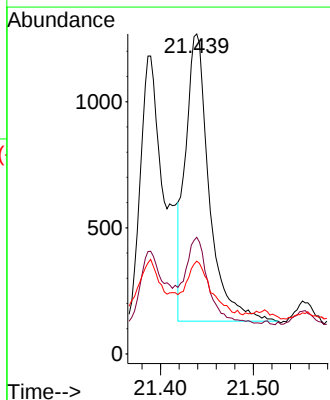
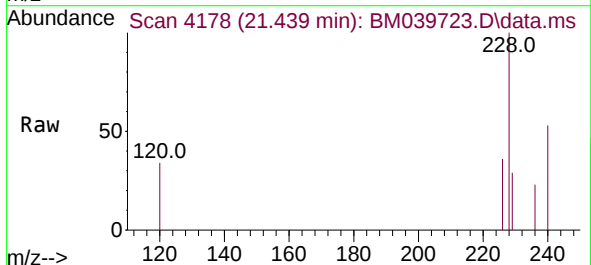
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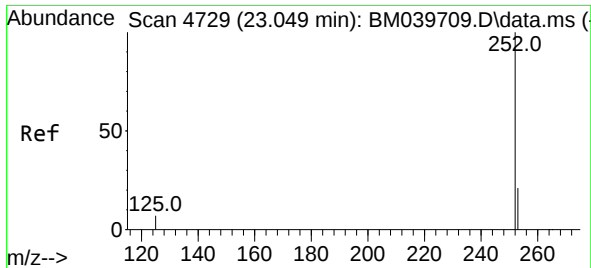
Reviewed By :Christian Giraldo 04/28/2023
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#22
Chrysene
Concen: 0.045 ng/ul
RT: 21.439 min Scan# 4178
Delta R.T. -0.007 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

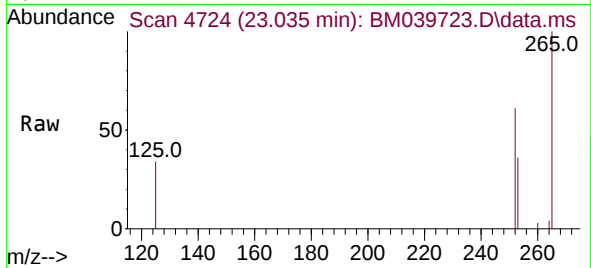
Tgt Ion:228 Resp: 2017
Ion Ratio Lower Upper
228 100
226 36.4 24.3 36.5
229 29.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.052 ng/ul
RT: 23.035 min Scan# 4724
Delta R.T. -0.010 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

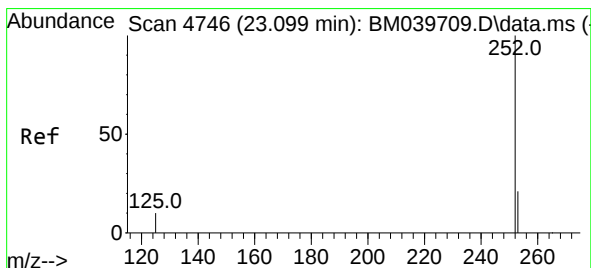
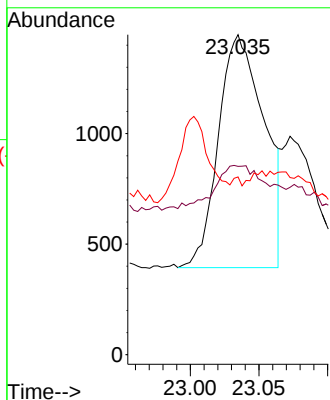
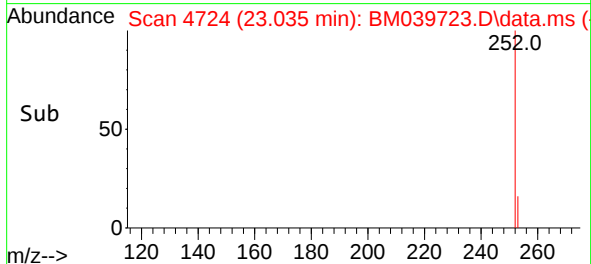
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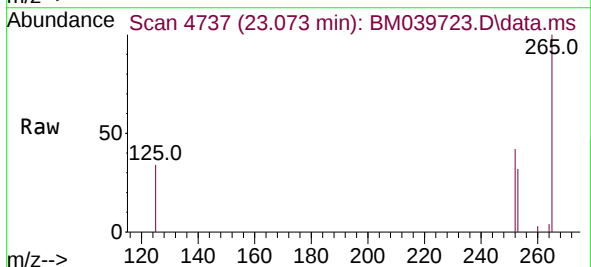
Tgt Ion:252 Resp: 244
Ion Ratio Lower Upper
252 100
253 58.8 0.0 52.8#
125 55.5 0.0 31.6#

Manual Integrations
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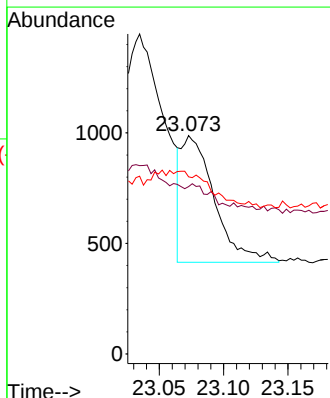
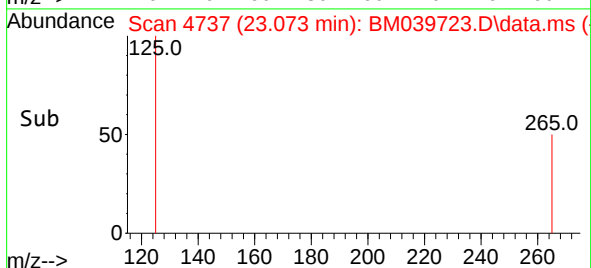
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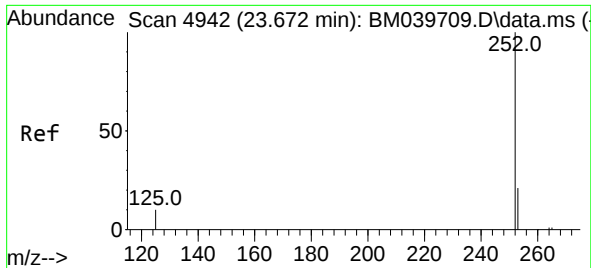


#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.073 min Scan# 4737
Delta R.T. -0.022 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34



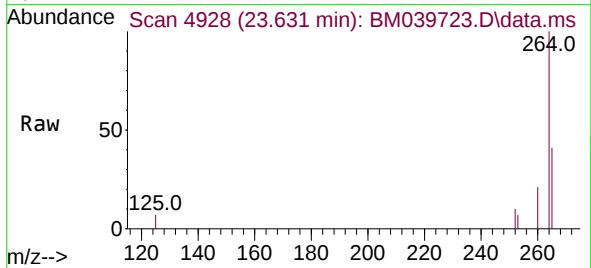
Tgt Ion:252 Resp: 1031
Ion Ratio Lower Upper
252 100
253 76.6 21.3 31.9#
125 81.1 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.631 min Scan# 49
Delta R.T. -0.033 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Instrument :
BNA_M
ClientSampleId :
EW8X9



Tgt Ion:252 Resp: 1275
Ion Ratio Lower Upper
252 100
253 72.5 24.7 37.1
125 69.2 16.5 24.7

Manual Integrations
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