

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039722.D
 Acq On : 28 Apr 2023 00:58
 Operator : CG/JU
 Sample : 02417-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X8

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 02:36:00 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	4140	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15421	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.451	164	8720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	19164	0.400	ng/ul	-0.01
17) Chrysene-d12	21.401	240	14967	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	12474	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	21502	3.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	4902	0.248	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	12187	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	844	0.022	ng/ul#	63
7) 2-Methylnaphthalene	12.283	142	1064	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	2067	0.086	ng/ul	99
15) Phenanthrene	17.242	178	2441	0.048	ng/ul#	89
19) Fluoranthene	19.266	202	3477	0.065	ng/ul#	59
20) Pyrene	19.629	202	3204	0.056	ng/ul#	82
21) Benzo(a)anthracene	21.389	228	1934	0.045	ng/ul#	81
22) Chrysene	21.439	228	1975	0.041	ng/ul#	87
24) Benzo(b)fluoranthene	23.035	252	2564	0.059	ng/ul#	27
25) Benzo(k)fluoranthene	23.076	252	1082m	0.024	ng/ul	
26) Benzo(a)pyrene	23.637	252	1357	0.035	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.186	276	1087	0.022	ng/ul#	51
29) Benzo(g,h,i)perylene	26.937	276	1072	0.025	ng/ul#	45

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

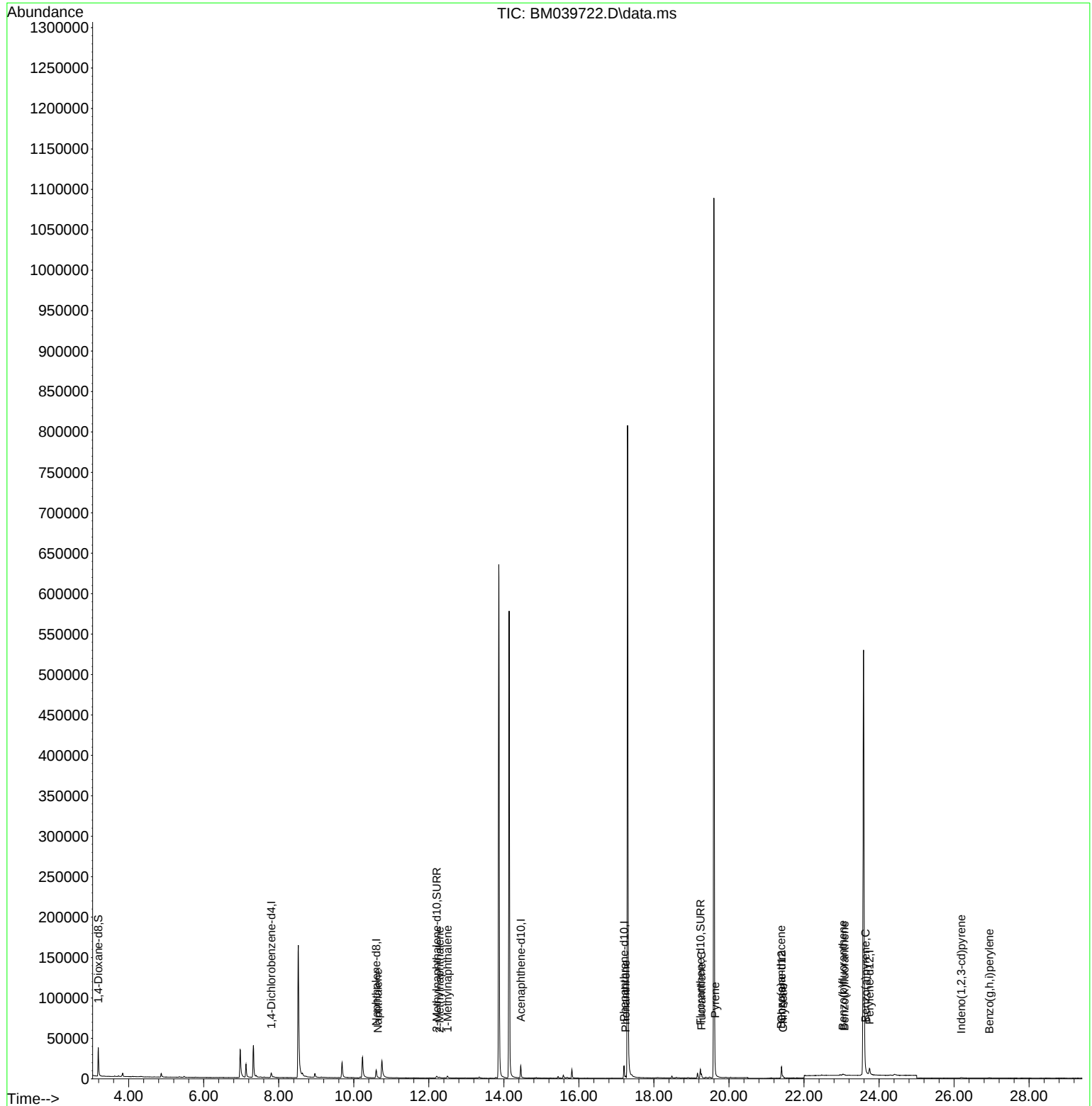
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039722.D
Acq On : 28 Apr 2023 00:58
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ALS Vial : 24 Sample Multiplier: 1

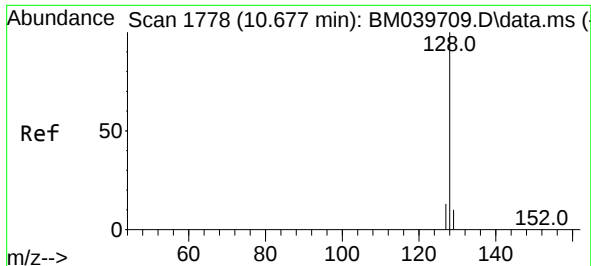
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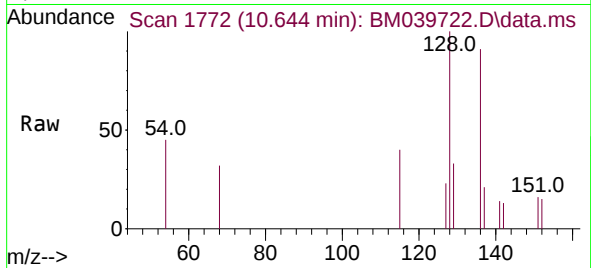
Quant Time: Apr 28 02:36:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.017 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

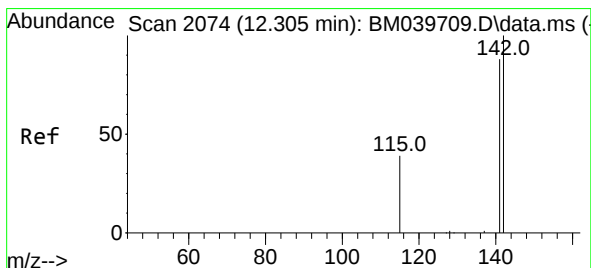
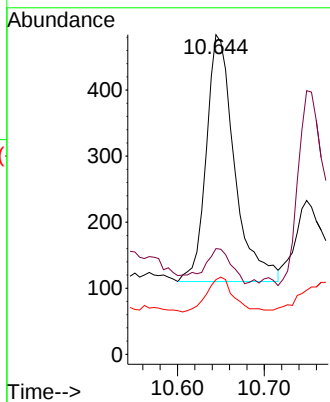
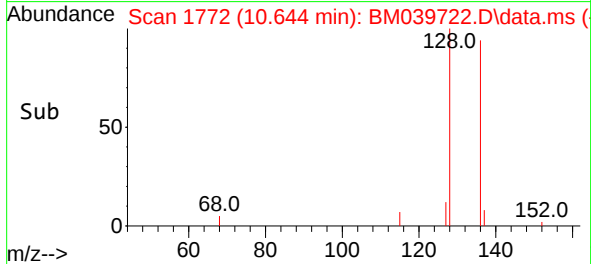
Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion:128 Resp: 844
Ion Ratio Lower Upper
128 100
129 33.1 9.8 14.6
127 23.3 11.1 16.7

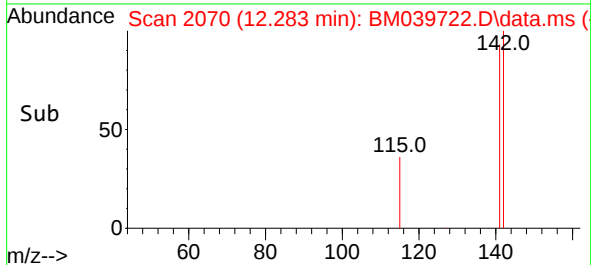
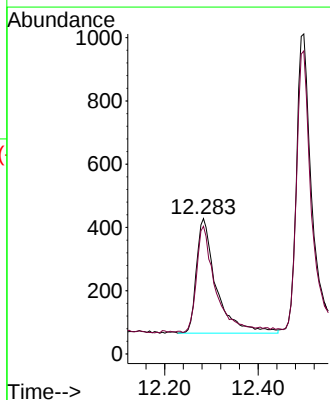
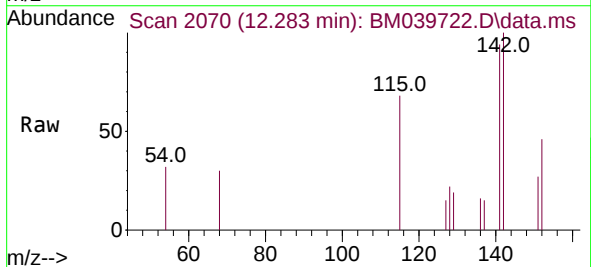
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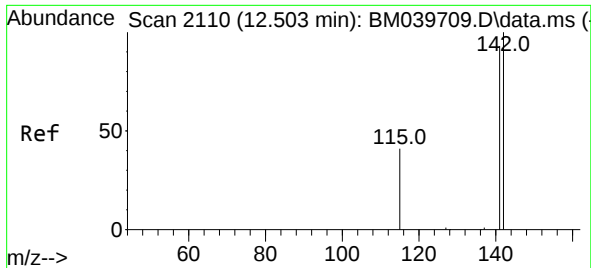
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

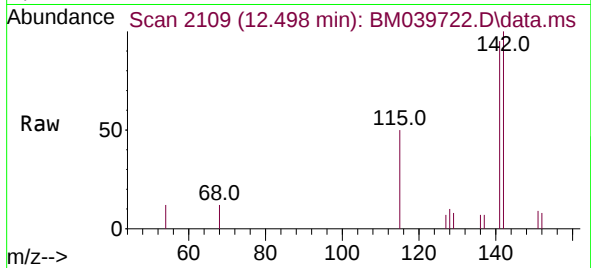
Tgt Ion:142 Resp: 1064
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

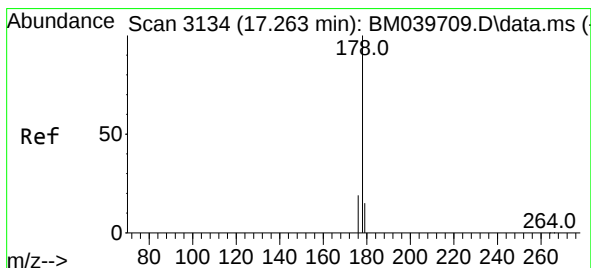
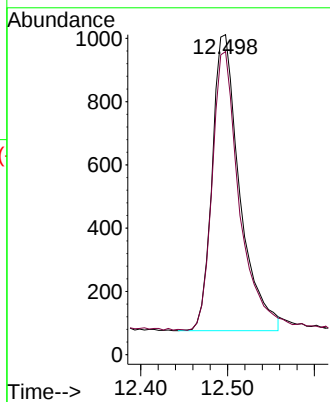
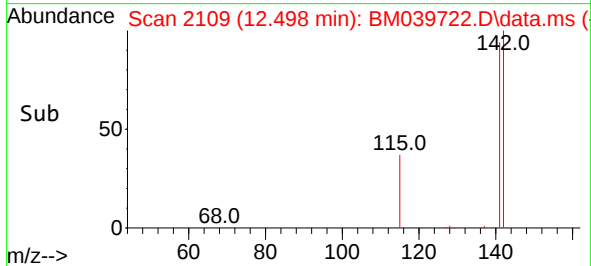
Instrument :
BNA_M
ClientSampleId :
EW8X8



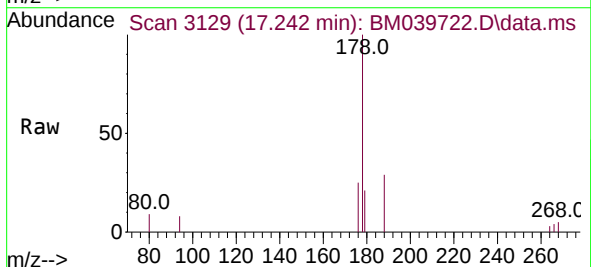
Tgt Ion:142 Resp: 2062
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2

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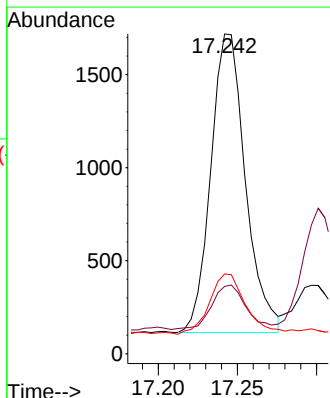
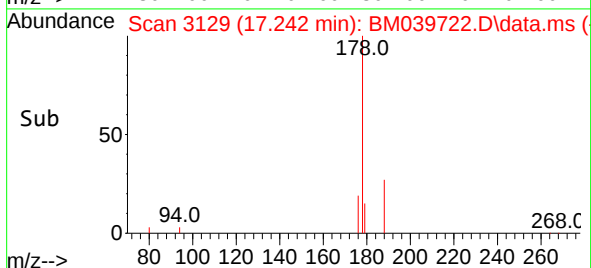
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

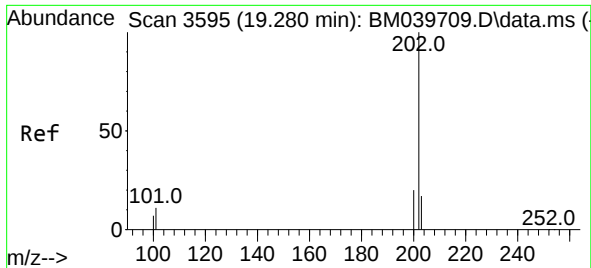


#15
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58



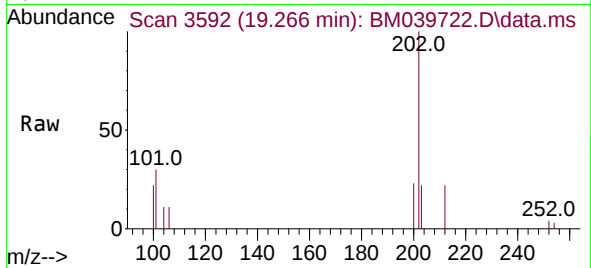
Tgt Ion:178 Resp: 2441
Ion Ratio Lower Upper
178 100
179 21.1 13.0 19.6#
176 25.0 15.8 23.8#





#19
Fluoranthene
Concen: 0.065 ng/u1
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

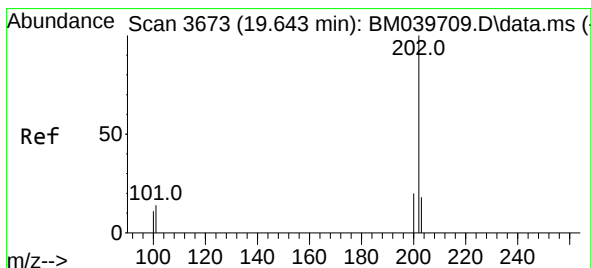
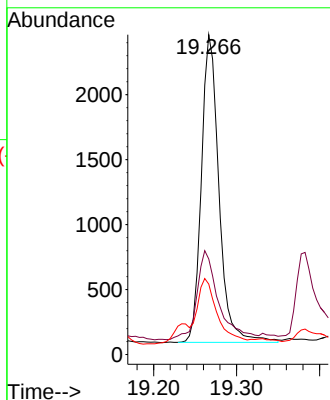
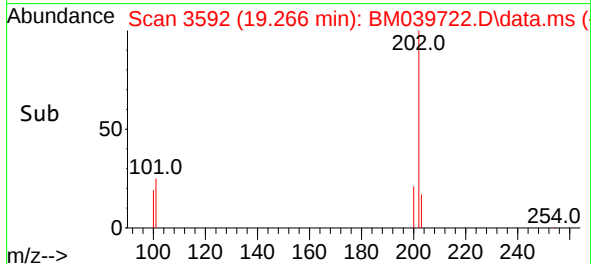
Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion:202 Resp: 3472
Ion Ratio Lower Upper
202 100
101 29.9 9.8 14.8#
100 22.0 7.3 10.9#

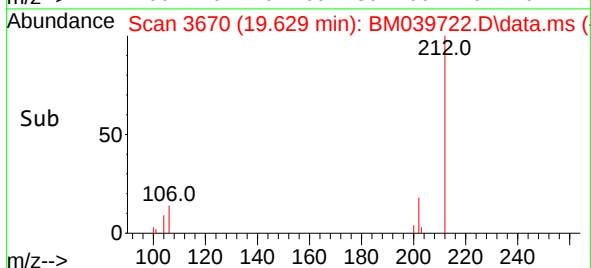
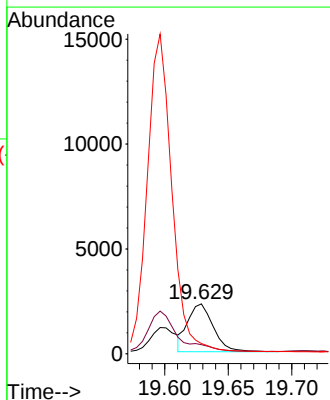
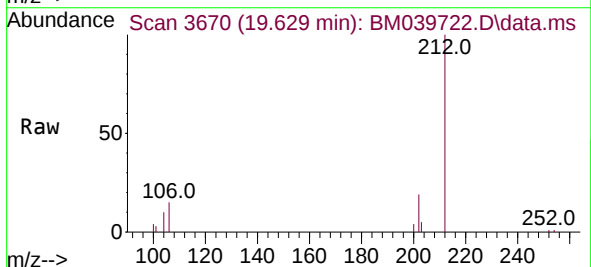
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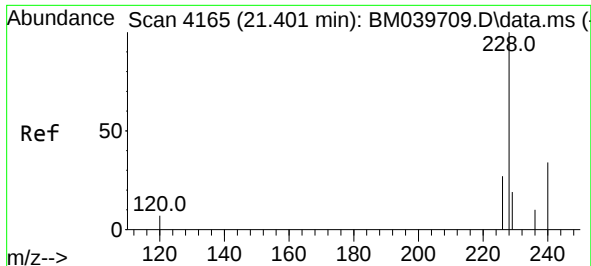
Reviewed By :Christian Giraldo 04/28/2023
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#20
Pyrene
Concen: 0.056 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

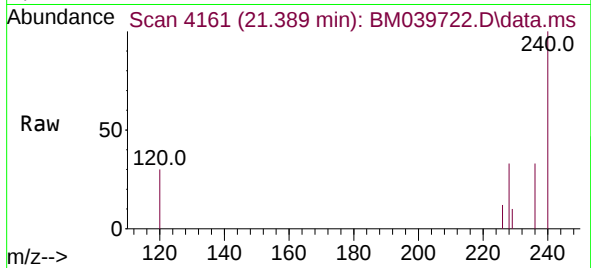
Tgt Ion:202 Resp: 3204
Ion Ratio Lower Upper
202 100
101 18.5 10.9 16.3#
100 20.6 8.9 13.3#





#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.389 min Scan# 4165
Delta R.T. -0.007 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

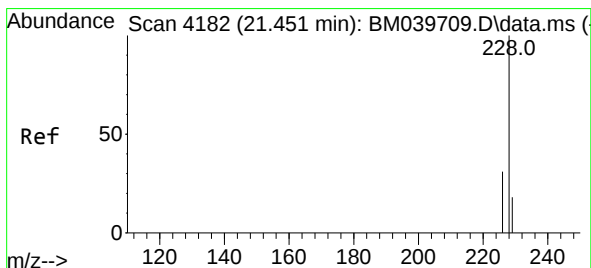
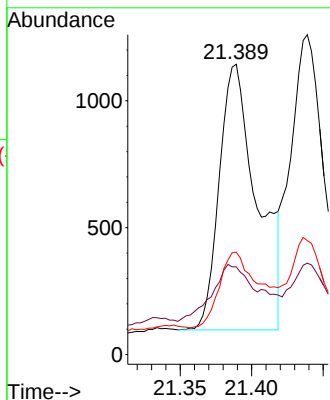
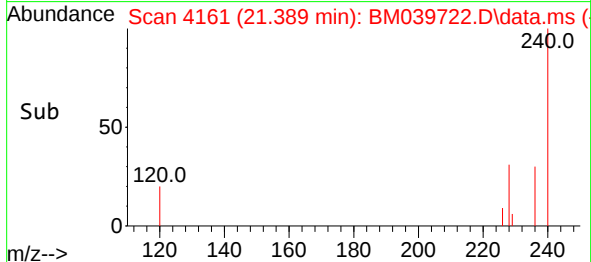
Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion:228 Resp: 1934
Ion Ratio Lower Upper
228 100
229 30.2 16.2 24.2
226 35.3 21.6 32.4

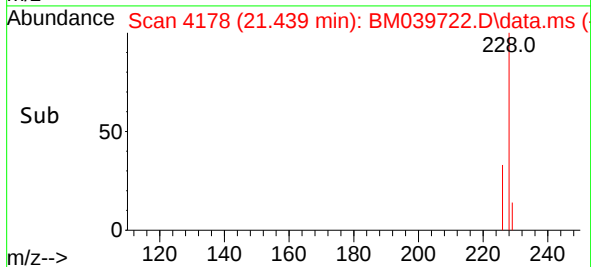
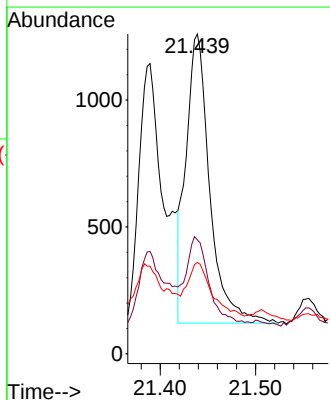
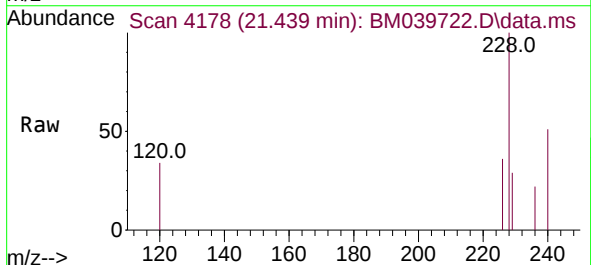
Manual Integrations
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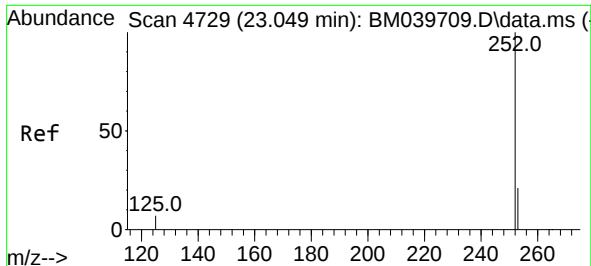
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Chrysene
Concen: 0.041 ng/ul
RT: 21.439 min Scan# 4178
Delta R.T. -0.007 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

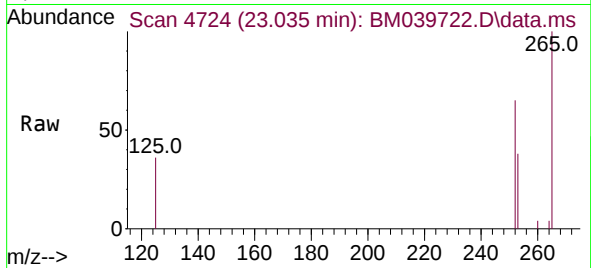
Tgt Ion:228 Resp: 1975
Ion Ratio Lower Upper
228 100
226 35.6 24.3 36.5
229 28.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.059 ng/ul
RT: 23.035 min Scan# 4724
Delta R.T. -0.010 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

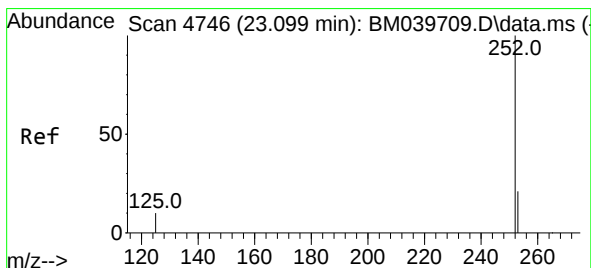
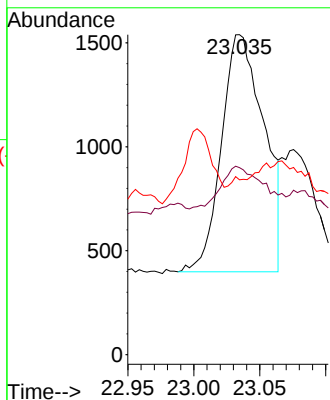
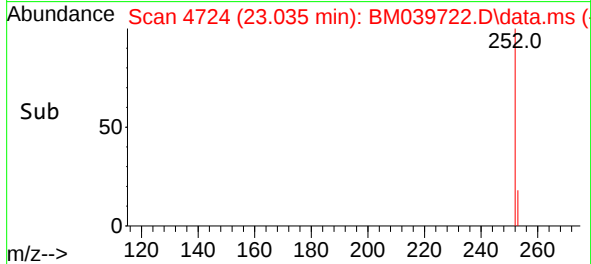
Instrument :
BNA_M
ClientSampleId :
EW8X8



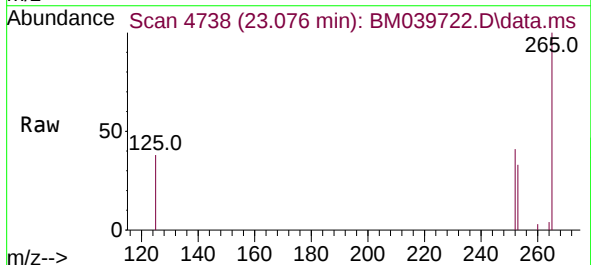
Tgt Ion:252 Resp: 2564
Ion Ratio Lower Upper
252 100
253 58.4 0.0 52.8#
125 54.6 0.0 31.6#

Manual Integrations
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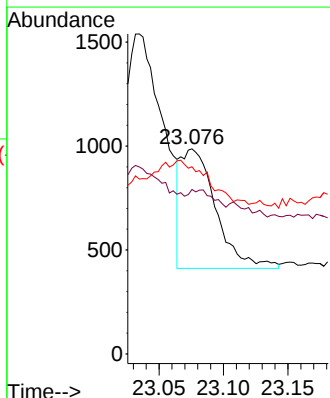
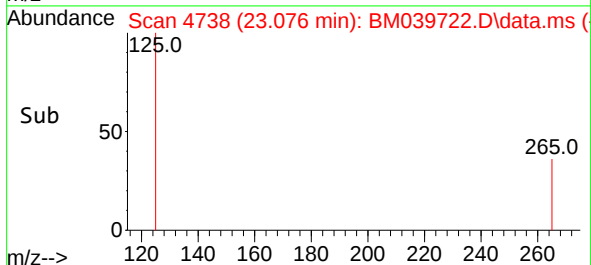
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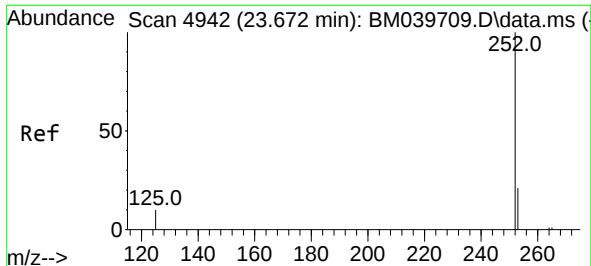


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.076 min Scan# 4738
Delta R.T. -0.019 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58



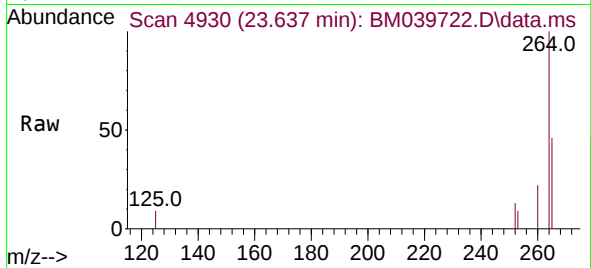
Tgt Ion:252 Resp: 1082
Ion Ratio Lower Upper
252 100
253 80.1 21.3 31.9#
125 91.3 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.637 min Scan# 4942
Delta R.T. -0.028 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

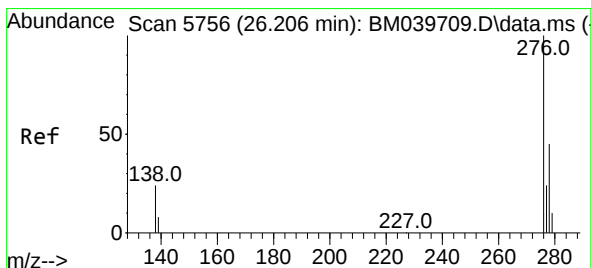
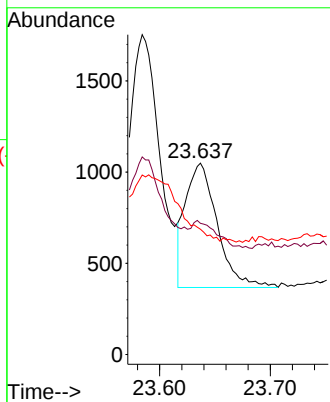
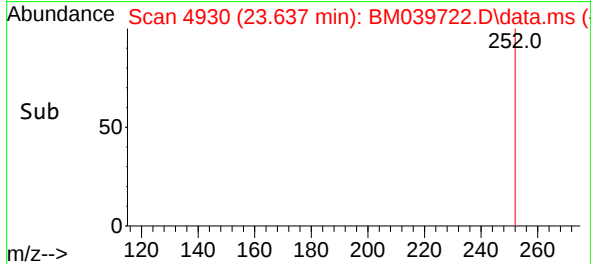
Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion:252 Resp: 1352
Ion Ratio Lower Upper
252 100
253 68.5 24.7 37.1#
125 65.5 16.5 24.7#

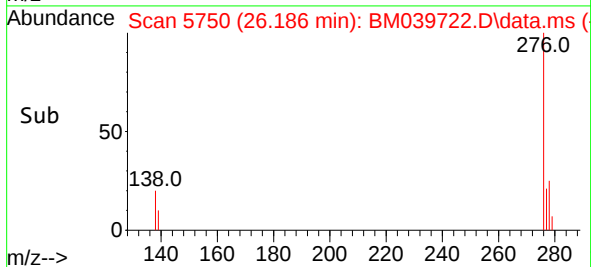
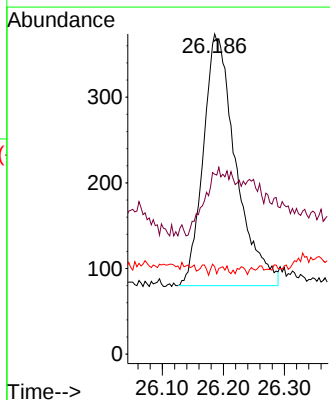
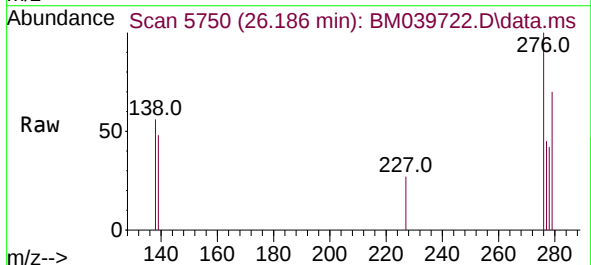
Manual Integrations
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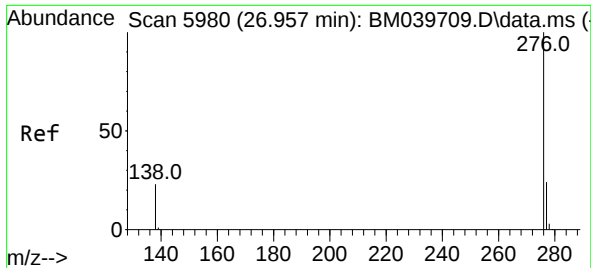
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.186 min Scan# 5750
Delta R.T. -0.015 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

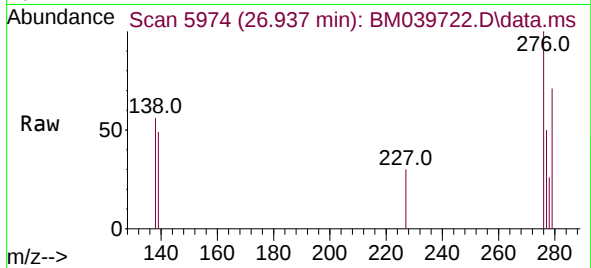
Tgt Ion:276 Resp: 1087
Ion Ratio Lower Upper
276 100
138 51.4 21.1 31.7#
227 0.6 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.937 min Scan# 5980
Delta R.T. -0.012 min
Lab File: BM039722.D
Acq: 28 Apr 2023 00:58

Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion: 276 Resp: 1072
Ion Ratio Lower Upper
276 100
138 55.8 20.1 30.1
277 49.6 20.1 30.1

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