

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039742.D
 Acq On : 28 Apr 2023 18:43
 Operator : CG/JU
 Sample : 02417-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 02:25:26 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	7.796	152	3877	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	14938	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8717	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19600	0.400	ng/ul	-0.02
17) Chrysene-d12	21.399	240	15133	0.400	ng/ul	0.00
23) Perylene-d12	23.743	264	12473	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	19918	3.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	5005	0.261	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	12743	0.313	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.645	128	763	0.020	ng/ul#	63
7) 2-Methylnaphthalene	12.278	142	1053	0.049	ng/ul	95
8) 1-Methylnaphthalene	12.487	142	2116	0.091	ng/ul	100
15) Phenanthrene	17.242	178	2590	0.050	ng/ul#	89
19) Fluoranthene	19.266	202	3769	0.070	ng/ul#	57
20) Pyrene	19.624	202	3437	0.059	ng/ul#	79
21) Benzo(a)anthracene	21.385	228	2098	0.048	ng/ul#	76
22) Chrysene	21.437	228	1999	0.041	ng/ul#	82
24) Benzo(b)fluoranthene	23.036	252	2536	0.058	ng/ul#	14
25) Benzo(k)fluoranthene	23.071	252	1065m	0.024	ng/ul	
26) Benzo(a)pyrene	23.635	252	1411	0.036	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	26.177	276	1249	0.025	ng/ul#	92
29) Benzo(g,h,i)perylene	26.925	276	1065	0.025	ng/ul#	36

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

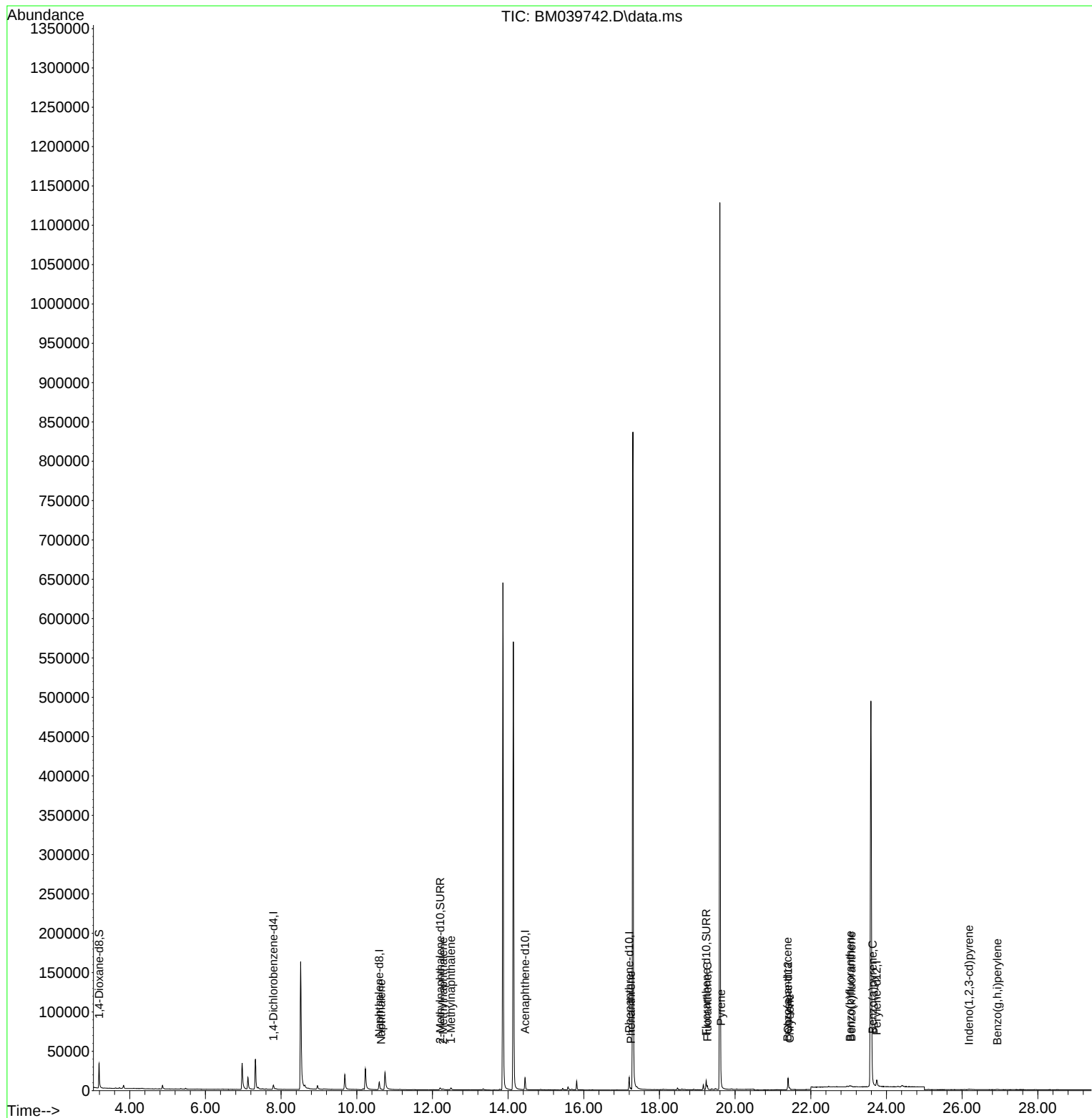
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039742.D
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Operator : CG/JU
Sample : 02417-12
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ALS Vial : 45 Sample Multiplier: 1

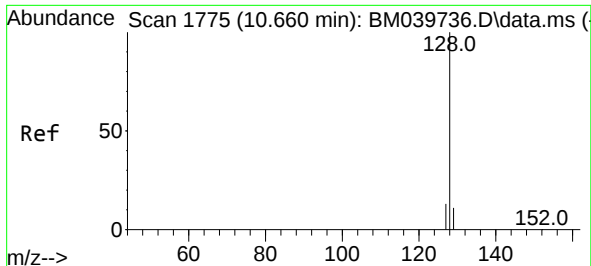
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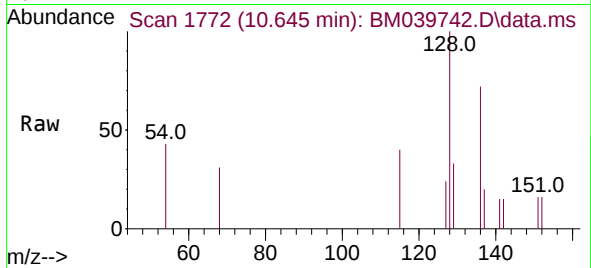
Quant Time: Apr 29 02:25:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.645 min Scan# 1772
Delta R.T. -0.017 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

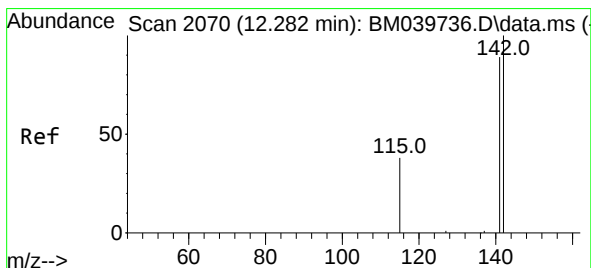
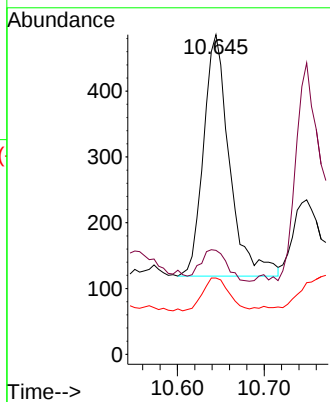
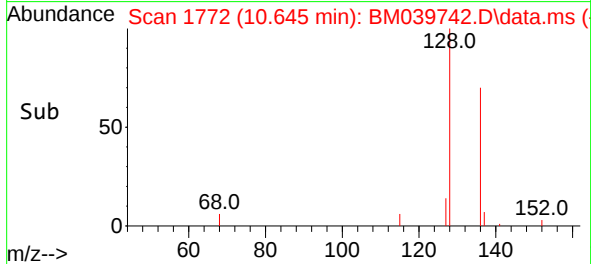
Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion:128 Resp: 763
Ion Ratio Lower Upper
128 100
129 32.5 9.8 14.6
127 23.9 11.1 16.7

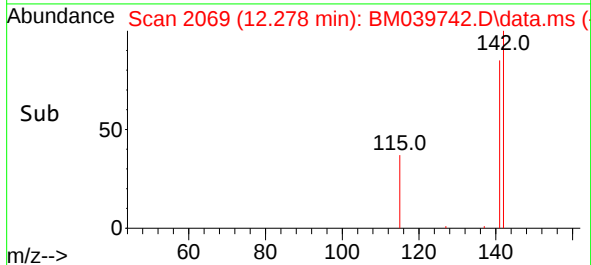
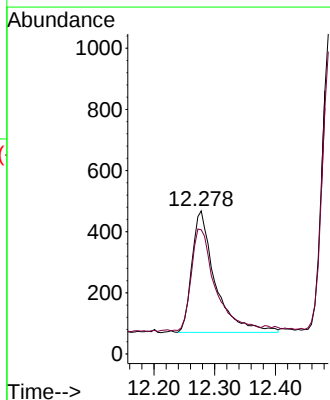
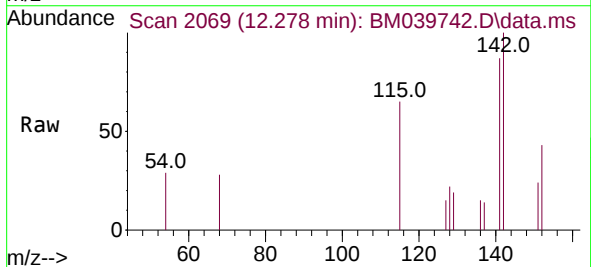
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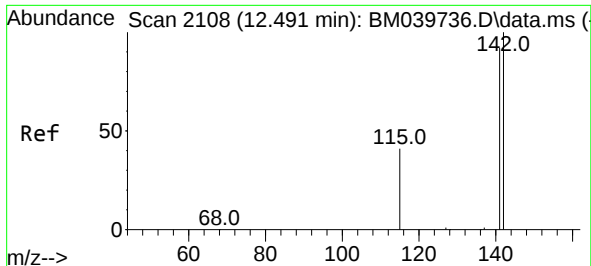
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

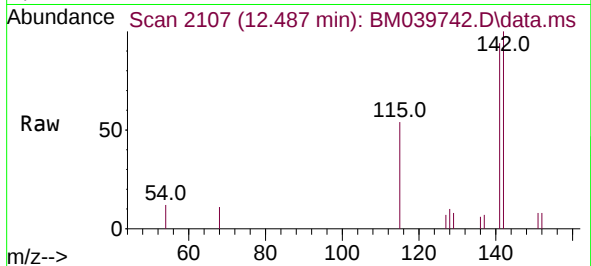
Tgt Ion:142 Resp: 1053
Ion Ratio Lower Upper
142 100
141 86.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

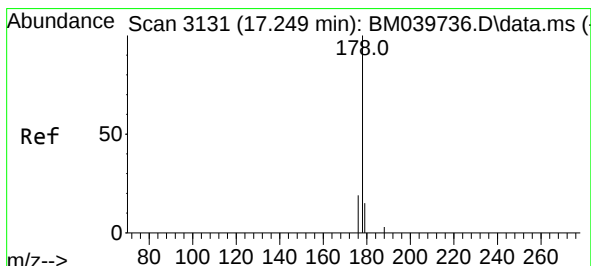
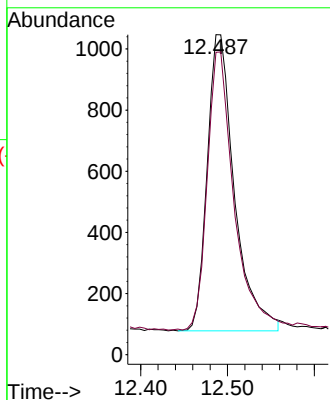
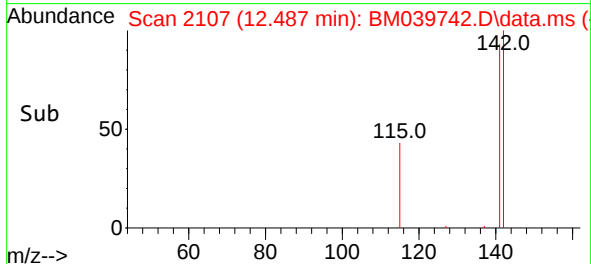
Instrument :
BNA_M
ClientSampleId :
EW8X8



Tgt Ion:142 Resp: 2116
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

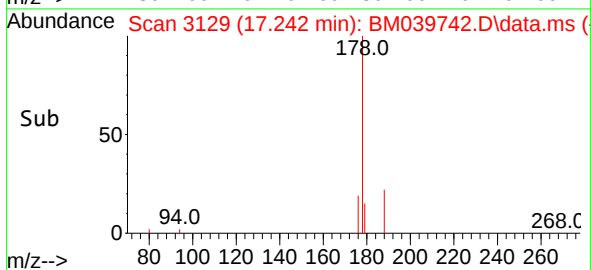
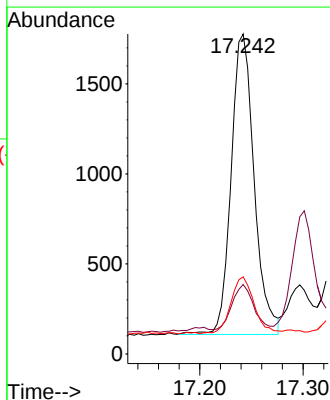
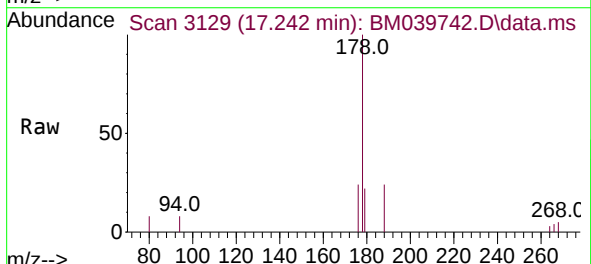
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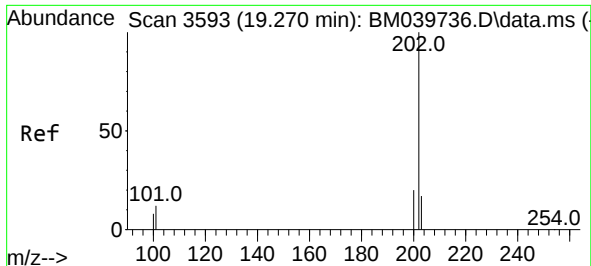
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

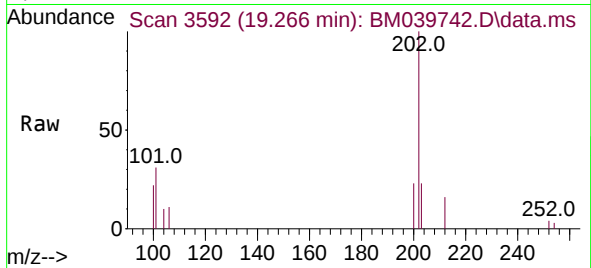
Tgt Ion:178 Resp: 2590
Ion Ratio Lower Upper
178 100
179 21.7 13.0 19.6#
176 24.1 15.8 23.8#





#19
Fluoranthene
Concen: 0.070 ng/u1
RT: 19.266 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

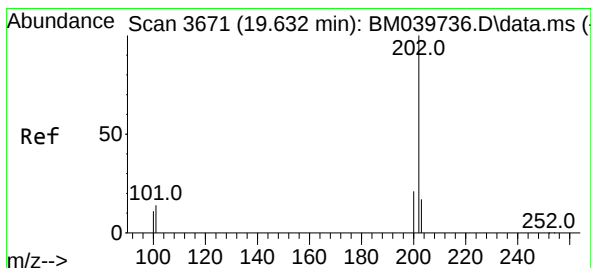
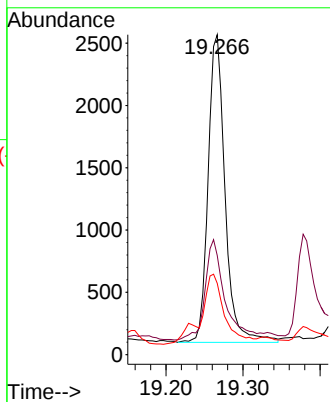
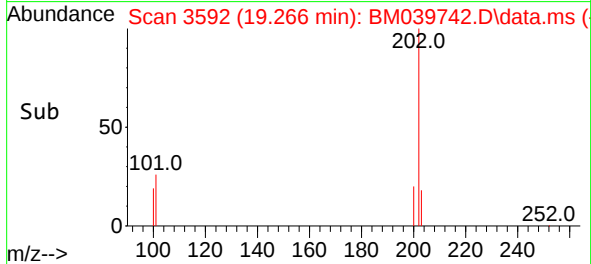
Instrument :
BNA_M
ClientSampleId :
EW8X8



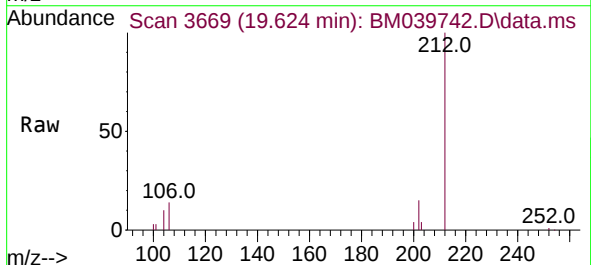
Tgt Ion:202 Resp: 3769
Ion Ratio Lower Upper
202 100
101 31.0 9.8 14.8#
100 22.3 7.3 10.9#

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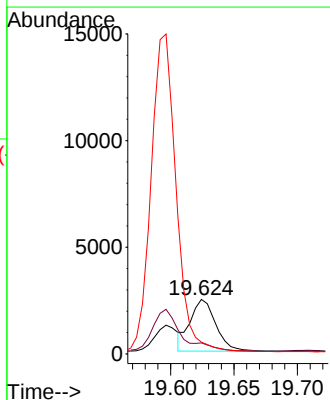
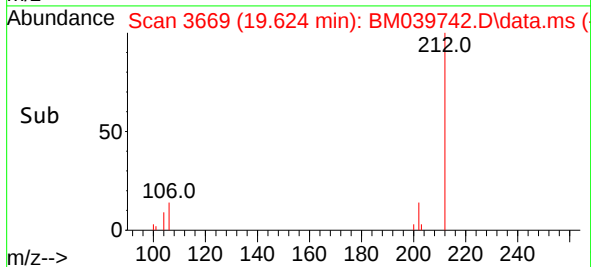
Reviewed By :Christian Giraldo 05/01/2023
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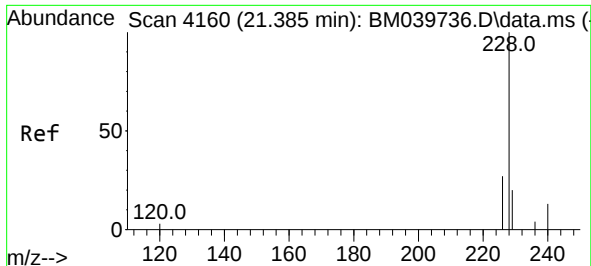


#20
Pyrene
Concen: 0.059 ng/u1
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43



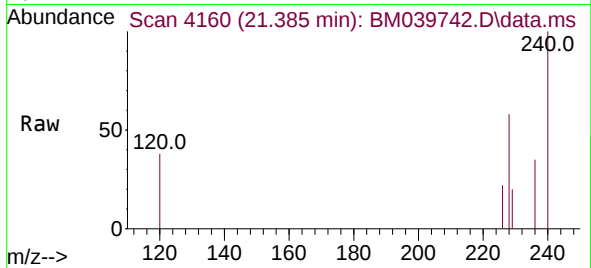
Tgt Ion:202 Resp: 3437
Ion Ratio Lower Upper
202 100
101 20.1 10.9 16.3#
100 21.7 8.9 13.3#





#21
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.385 min Scan# 4160
Delta R.T. -0.012 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

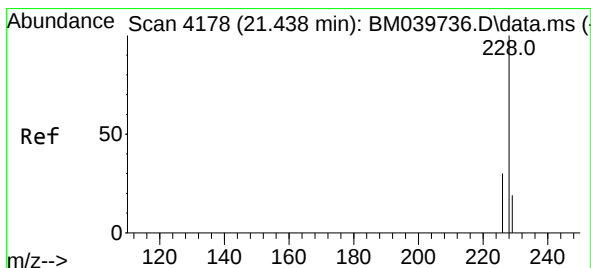
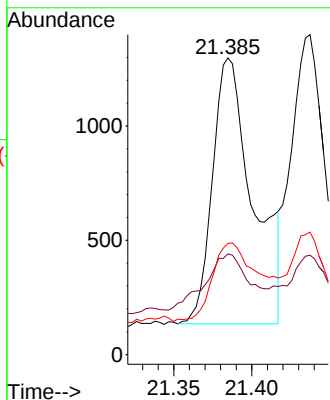
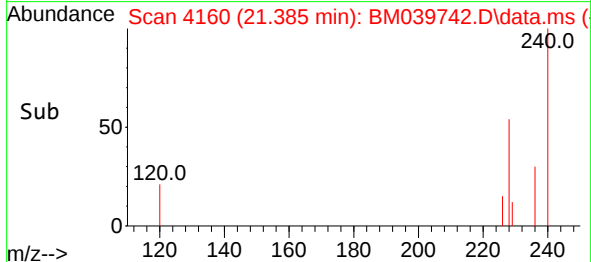
Instrument :
BNA_M
ClientSampleId :
EW8X8



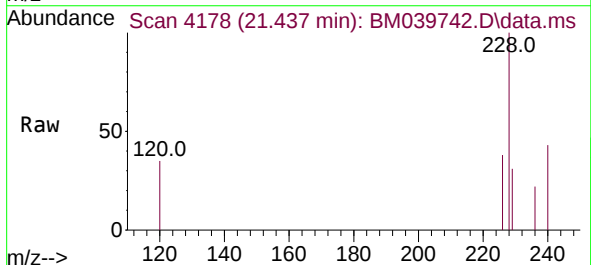
Tgt Ion:228 Resp: 2098
Ion Ratio Lower Upper
228 100
229 34.0 16.2 24.2#
226 37.5 21.6 32.4#

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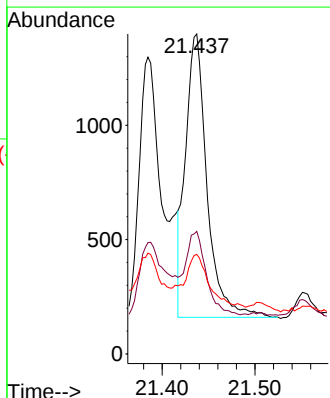
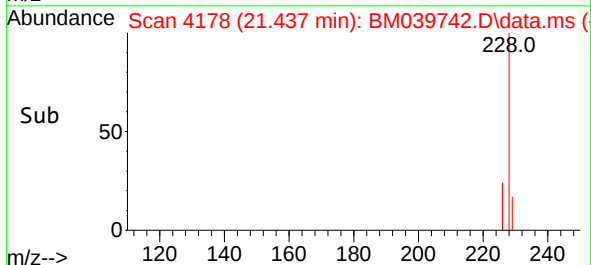
Reviewed By :Christian Giraldo 05/01/2023
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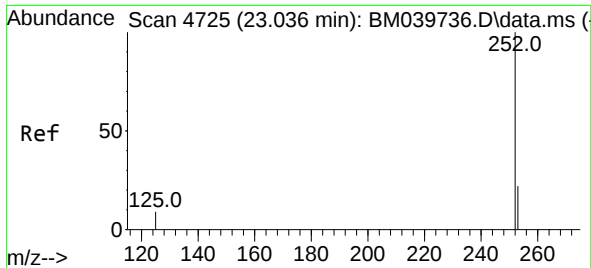


#22
Chrysene
Concen: 0.041 ng/ul
RT: 21.437 min Scan# 4178
Delta R.T. -0.009 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43



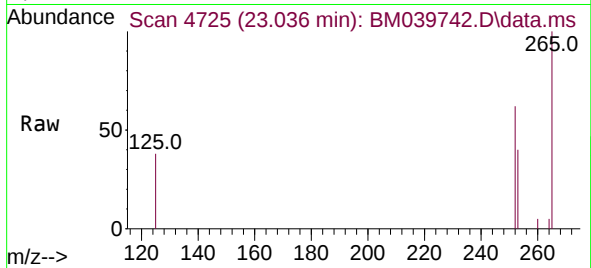
Tgt Ion:228 Resp: 1999
Ion Ratio Lower Upper
228 100
226 38.3 24.3 36.5#
229 31.1 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 0.058 ng/ul
RT: 23.036 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43

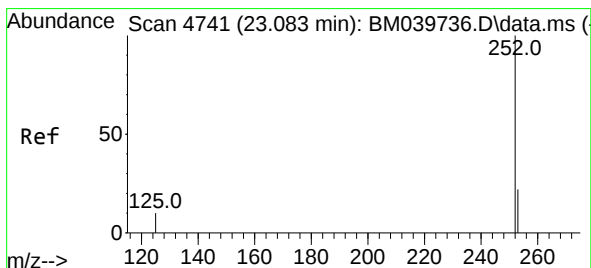
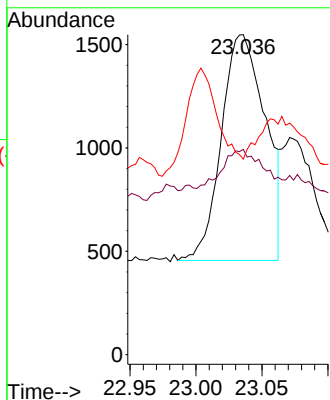
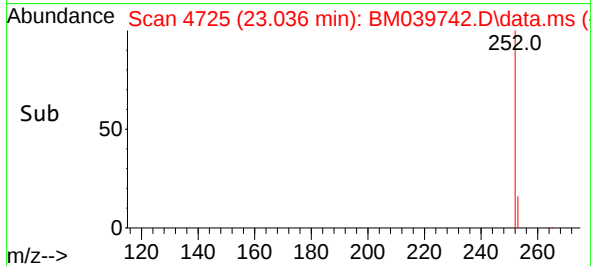
Instrument :
BNA_M
ClientSampleId :
EW8X8



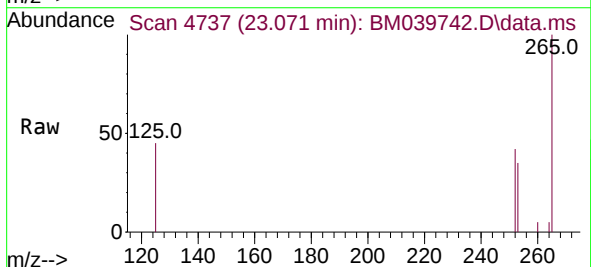
Tgt Ion:252 Resp: 2536
Ion Ratio Lower Upper
252 100
253 64.1 0.0 52.8#
125 61.1 0.0 31.6#

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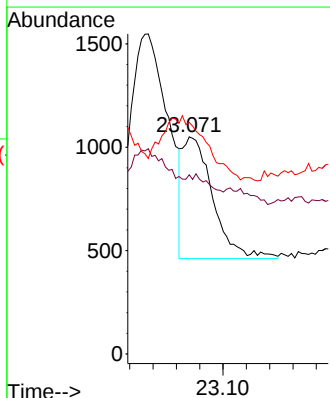
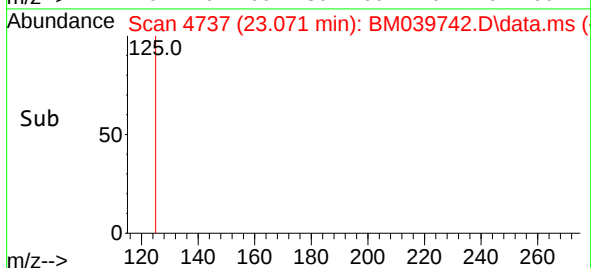
Reviewed By :Christian Giraldo 05/01/2023
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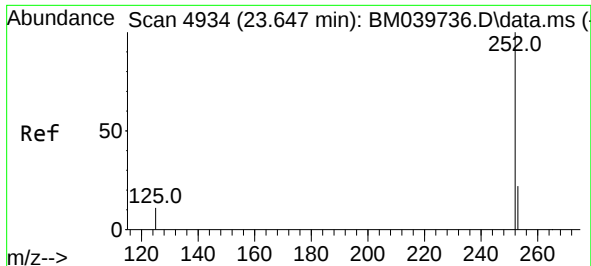


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.071 min Scan# 4737
Delta R.T. -0.023 min
Lab File: BM039742.D
Acq: 28 Apr 2023 18:43



Tgt Ion:252 Resp: 1065
Ion Ratio Lower Upper
252 100
253 82.6 21.3 31.9#
125 106.7 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 0.036 ng/ul

RT: 23.635 min Scan# 4934

Delta R.T. -0.029 min

Lab File: BM039742.D

Acq: 28 Apr 2023 18:43

Instrument :

BNA_M

ClientSampleId :

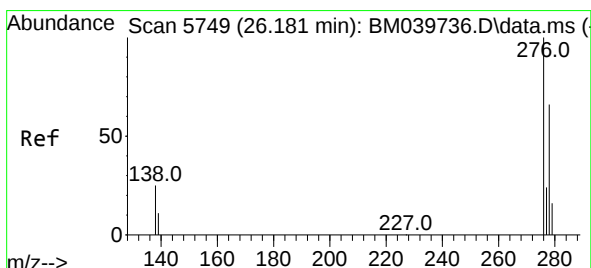
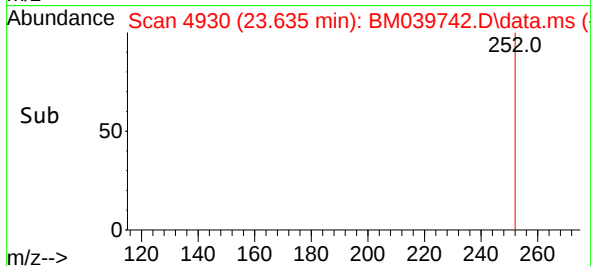
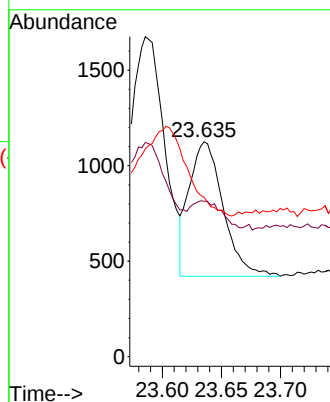
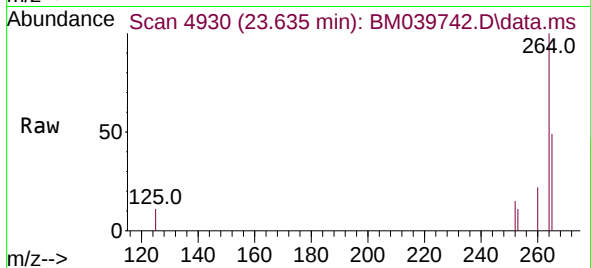
EW8X8

Tgt Ion:	252	Resp:	141
Ion Ratio	Lower	Upper	
252	100		
253	72.4	24.7	37.1
125	74.1	16.5	24.7

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul

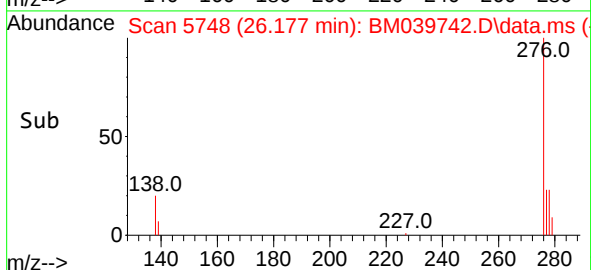
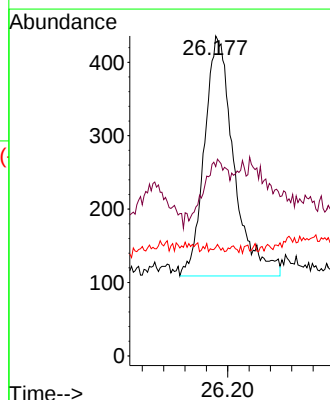
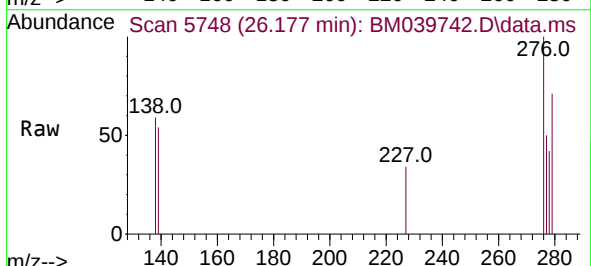
RT: 26.177 min Scan# 5748

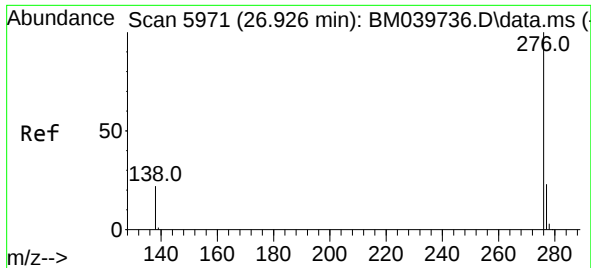
Delta R.T. -0.024 min

Lab File: BM039742.D

Acq: 28 Apr 2023 18:43

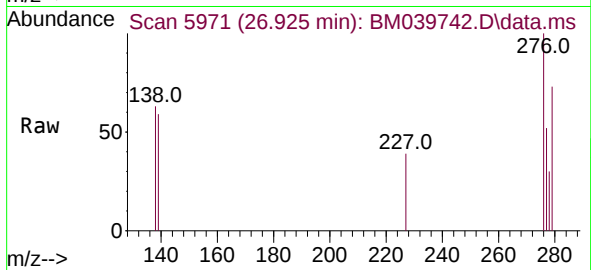
Tgt Ion:	276	Resp:	1249
Ion Ratio	Lower	Upper	
276	100		
138	30.3	21.1	31.7
227	0.4	0.1	0.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 26.925 min Scan# 5971
 Delta R.T. -0.024 min
 Lab File: BM039742.D
 Acq: 28 Apr 2023 18:43

Instrument :
 BNA_M
 ClientSampleId :
 EW8X8



Tgt Ion:	276	Resp:	1065
Ion	Ratio	Lower	Upper
276	100		
138	62.5	20.1	30.1
277	52.2	20.1	30.1

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