

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039746.D
 Acq On : 28 Apr 2023 21:06
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8W8

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:26:00 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	7.792	152	3513	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.590	136	13723	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	11426	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19159	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.394	240	12846	0.400	ng/ul	#-0.01
23) Perylene-d12	23.738	264	11677	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	10857	2.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3340	0.190	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	8048	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	336489	9.765	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	89516	4.501	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	59954	2.810	ng/ul	99
10) Acenaphthylene	14.164	152	23661	0.535	ng/ul#	96
11) Acenaphthene	14.506	153	92612	2.666	ng/ul	98
12) Fluorene	15.496	166	109411	2.839	ng/ul	99
15) Phenanthrene	17.238	178	1708059	33.839	ng/ul	99
16) Anthracene	17.331	178	341093	7.870	ng/ul	97
19) Fluoranthene	19.262	202	2373132	51.782	ng/ul	100
20) Pyrene	19.629	202	1922870	38.853	ng/ul	99
21) Benzo(a)anthracene	21.379	228	1003413	27.168	ng/ul	99
22) Chrysene	21.432	228	877481	20.994	ng/ul	97
24) Benzo(b)fluoranthene	23.030	252	1090034	26.580	ng/ul	92
25) Benzo(k)fluoranthene	23.068	252	378747m	9.071	ng/ul	
26) Benzo(a)pyrene	23.635	252	771573	20.956	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.161	276	503284	10.810	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.164	278	113316	3.136	ng/ul	97
29) Benzo(g,h,i)perylene	26.909	276	453465	11.178	ng/ul	97

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

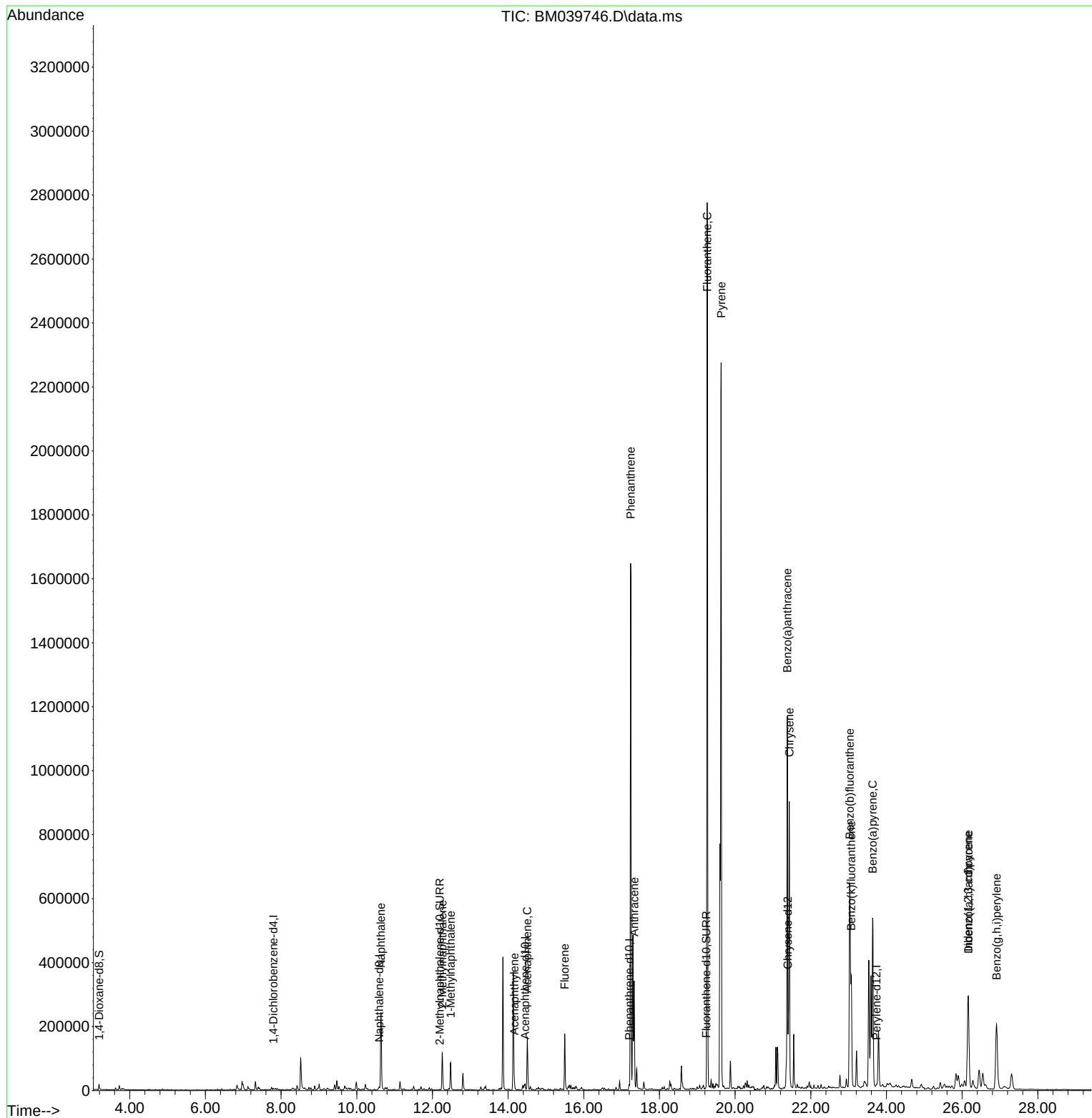
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039746.D
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Operator : CG/JU
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ALS Vial : 49 Sample Multiplier: 1

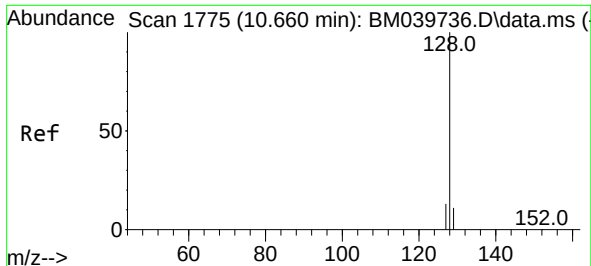
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Apr 29 02:26:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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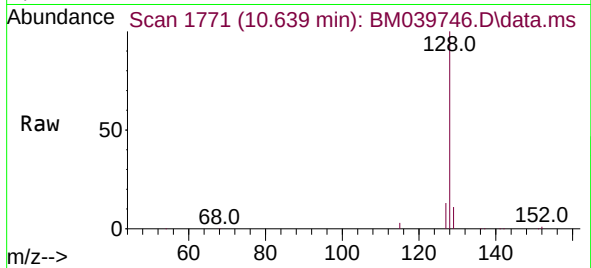
Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023





#5
Naphthalene
Concen: 9.765 ng/ul
RT: 10.639 min Scan# 1775
Delta R.T. -0.022 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

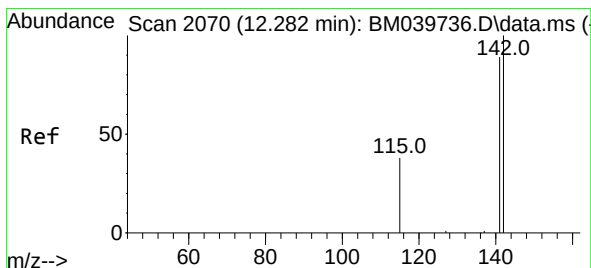
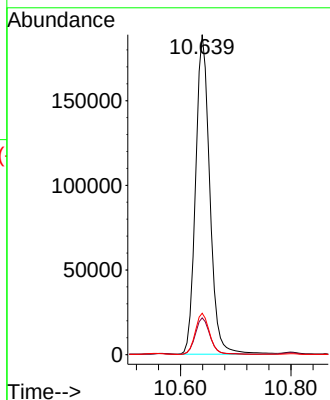
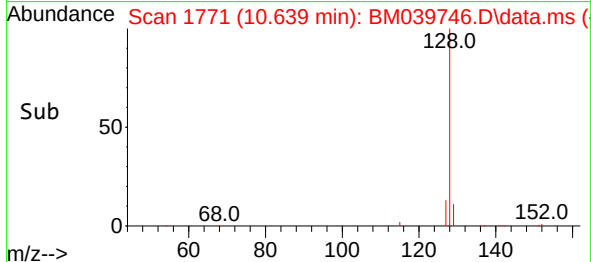
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:128 Resp: 336489
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 12.9 11.1 16.7

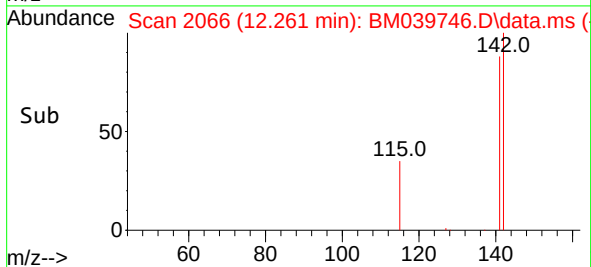
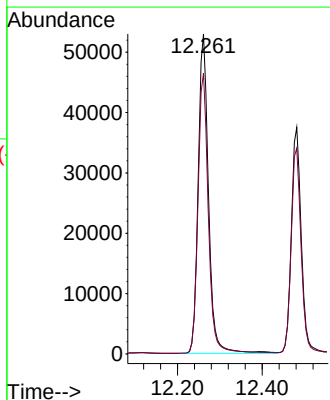
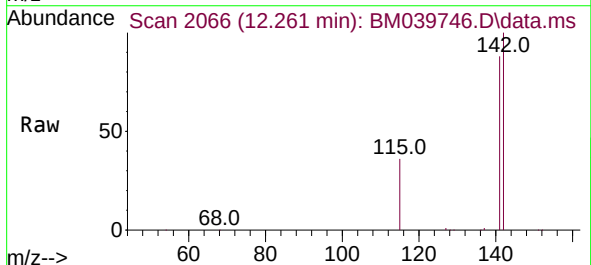
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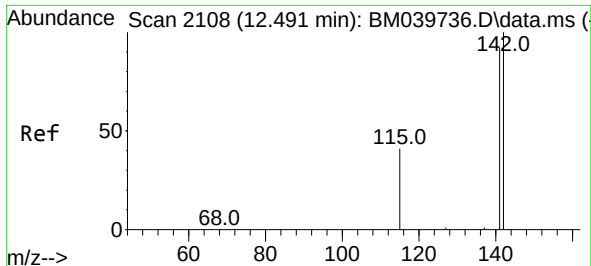
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 4.501 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.027 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

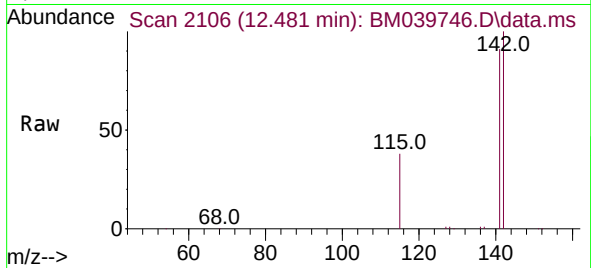
Tgt Ion:142 Resp: 89516
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8





#8
1-Methylnaphthalene
Concen: 2.810 ng/ul
RT: 12.481 min Scan# 2108
Delta R.T. -0.016 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

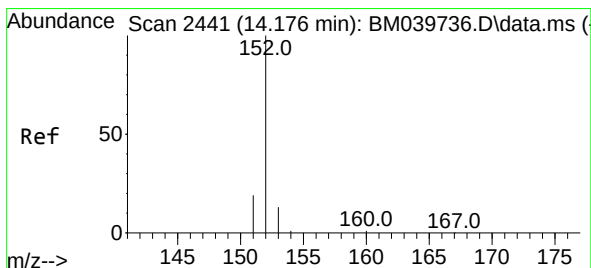
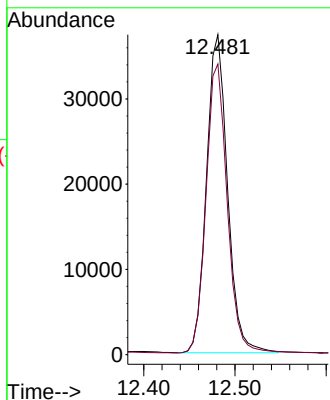
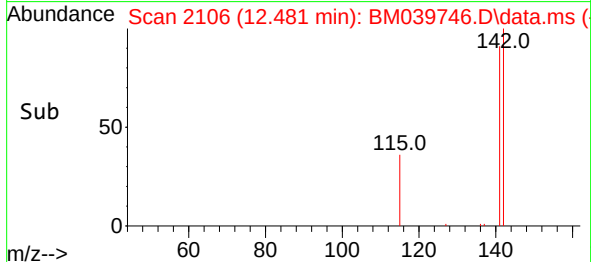
Instrument :
BNA_M
ClientSampleId :
EW8W8



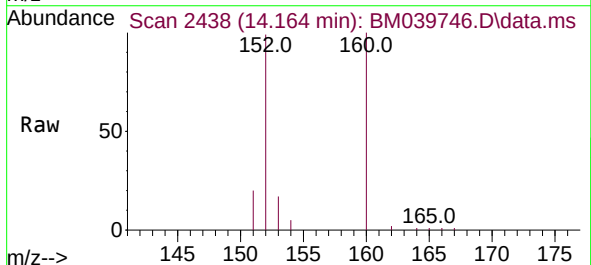
Tgt Ion:142 Resp: 59954
Ion Ratio Lower Upper
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141 91.1 73.4 110.2

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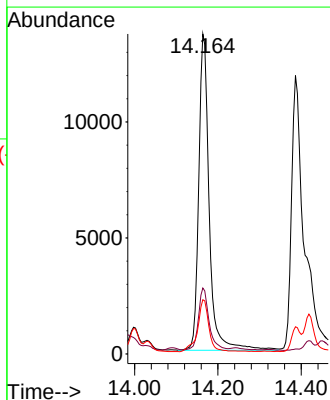
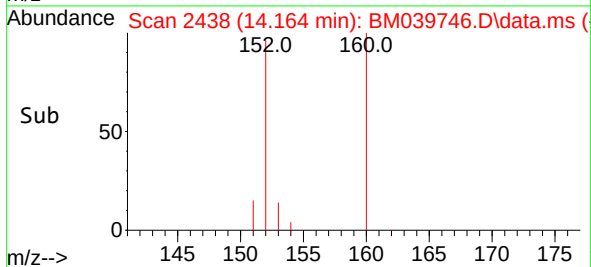
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

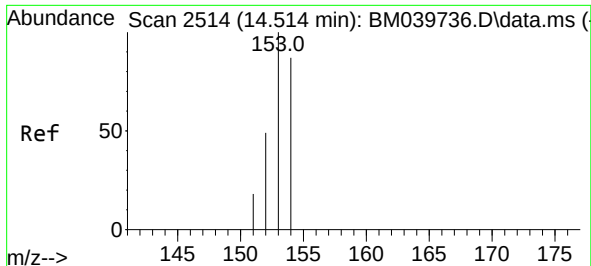


#10
Acenaphthylene
Concen: 0.535 ng/ul
RT: 14.164 min Scan# 2438
Delta R.T. -0.018 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06



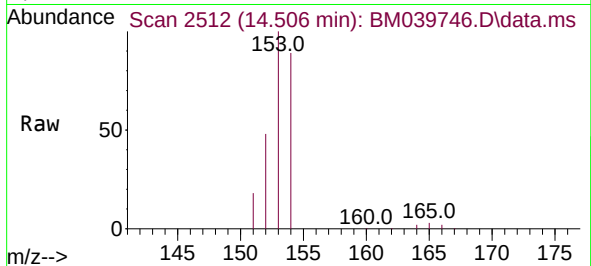
Tgt Ion:152 Resp: 23661
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 16.9 11.2 16.8#





#11
Acenaphthene
Concen: 2.666 ng/ul
RT: 14.506 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

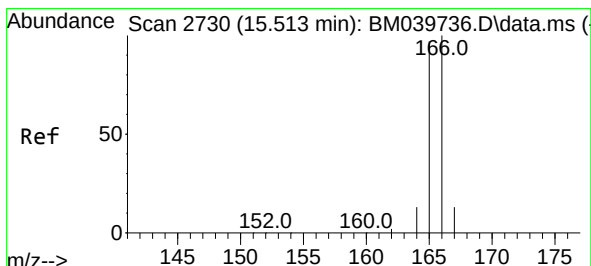
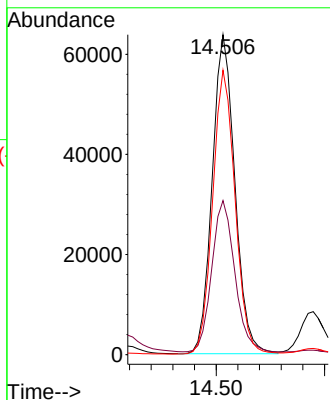
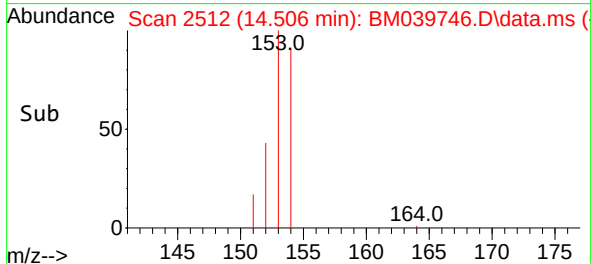
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:153 Resp: 92612
Ion Ratio Lower Upper
153 100
152 48.1 40.6 61.0
154 88.9 71.9 107.9

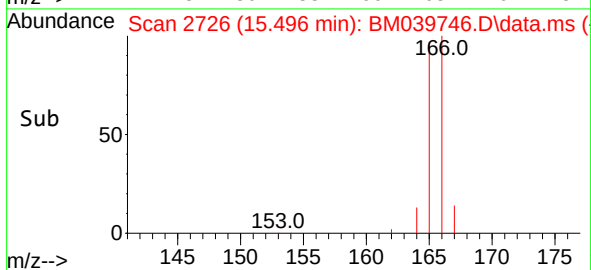
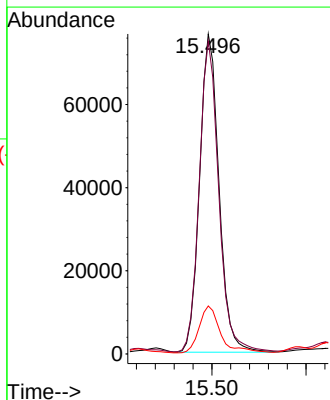
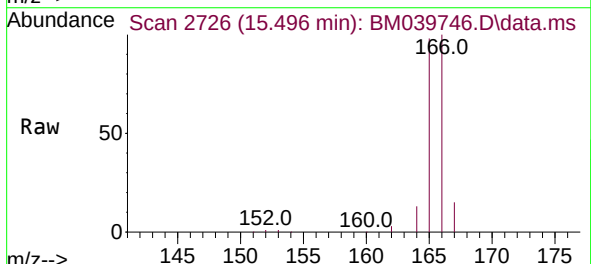
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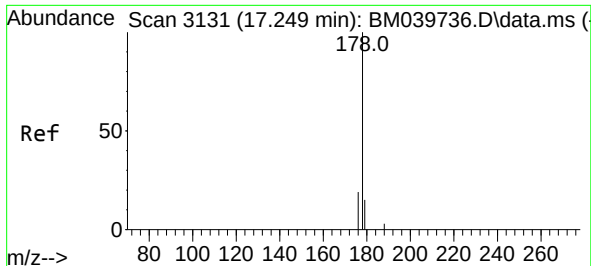
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 2.839 ng/ul
RT: 15.496 min Scan# 2726
Delta R.T. -0.023 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

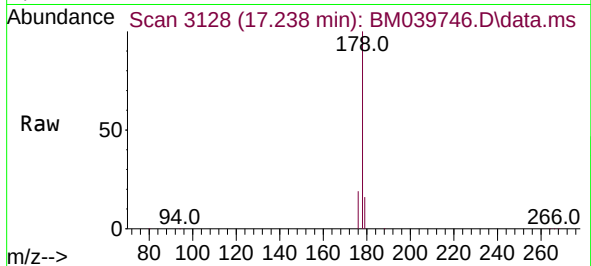
Tgt Ion:166 Resp: 109411
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 15.0 11.8 17.6





#15
Phenanthrene
Concen: 33.839 ng/ul
RT: 17.238 min Scan# 3131
Delta R.T. -0.017 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

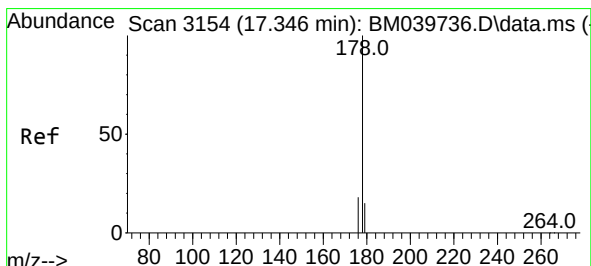
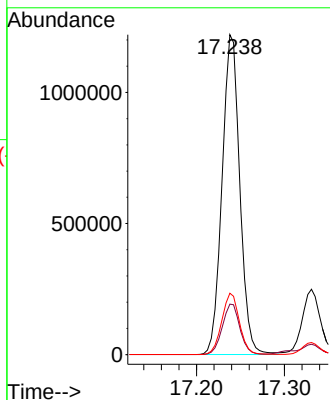
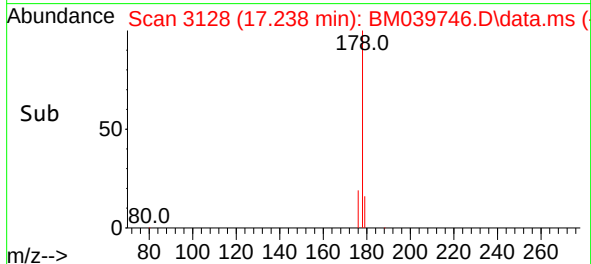
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:178 Resp: 1708059
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.2 15.8 23.8

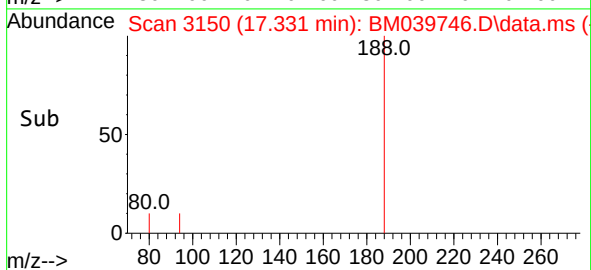
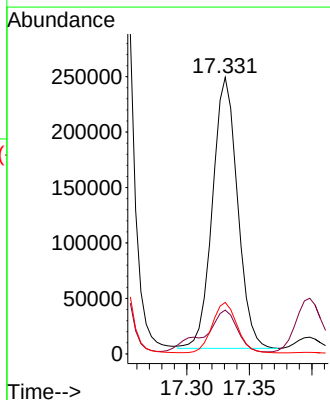
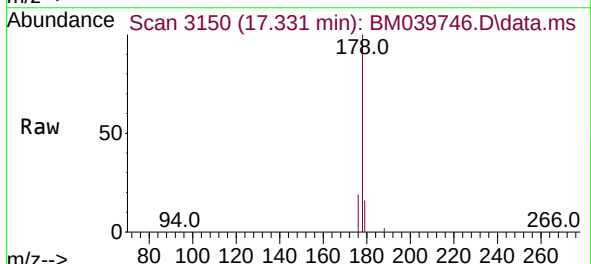
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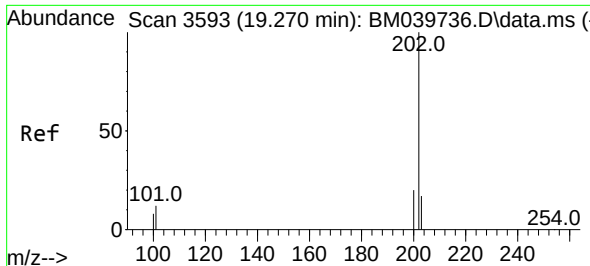
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 7.870 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.025 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

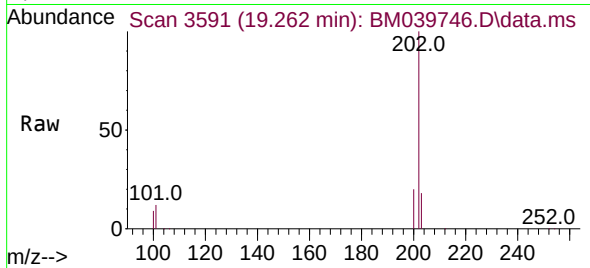
Tgt Ion:178 Resp: 341093
Ion Ratio Lower Upper
178 100
179 15.9 13.8 20.6
176 18.6 15.8 23.8





#19
Fluoranthene
Concen: 51.782 ng/u1
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

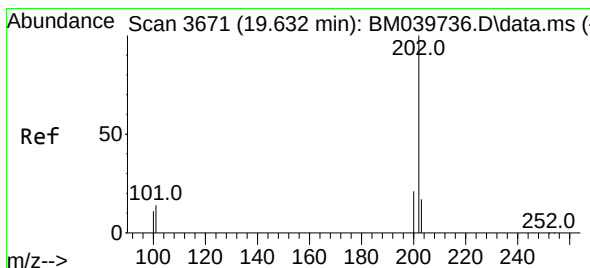
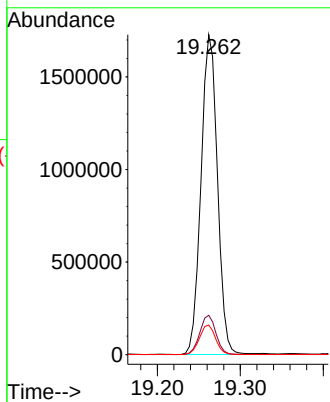
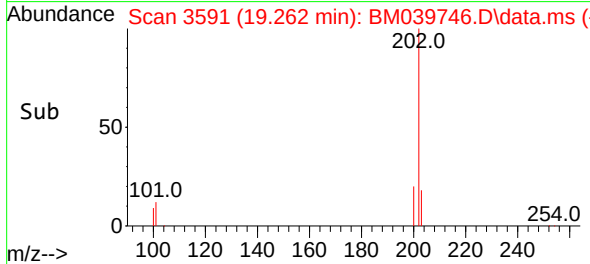
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:202 Resp: 2373132
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.3 7.3 10.9

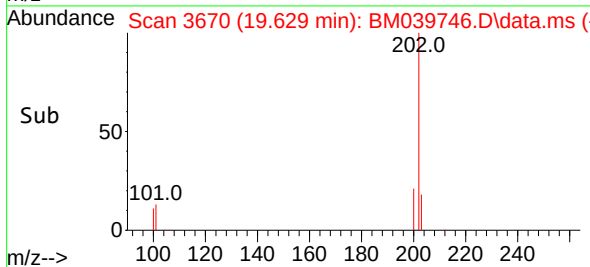
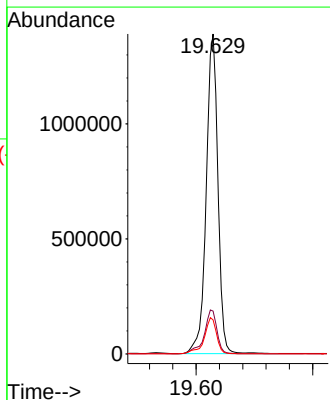
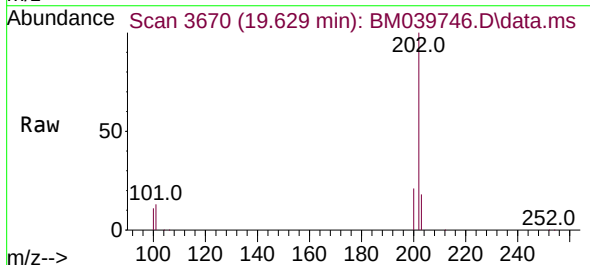
Manual Integrations
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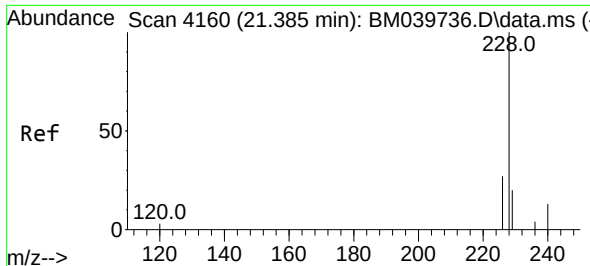
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 38.853 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

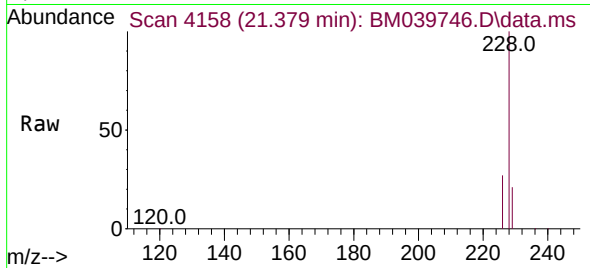
Tgt Ion:202 Resp: 1922870
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.6 8.9 13.3





#21
Benzo(a)anthracene
Concen: 27.168 ng/ul
RT: 21.379 min Scan# 4160
Delta R.T. -0.018 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

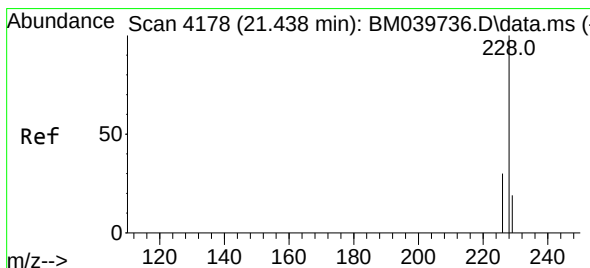
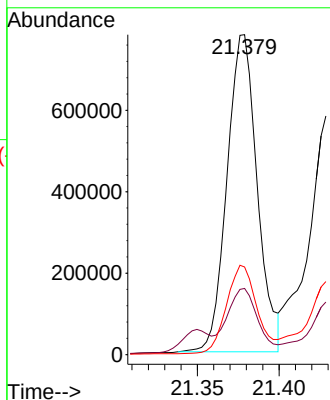
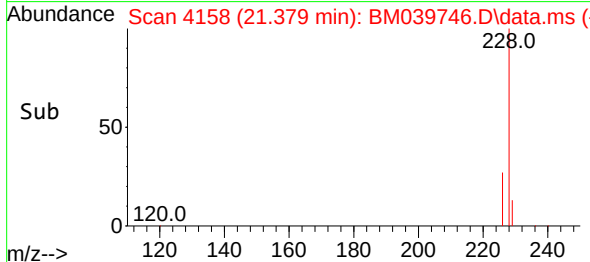
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:228 Resp: 1003413
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 27.4 21.6 32.4

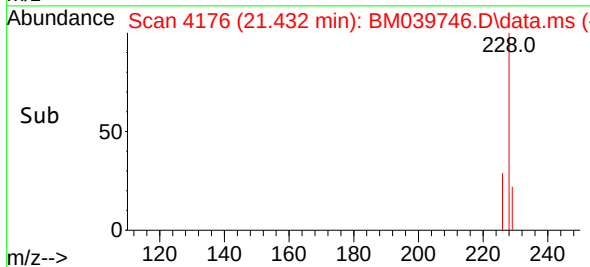
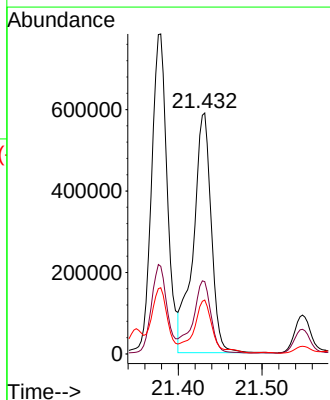
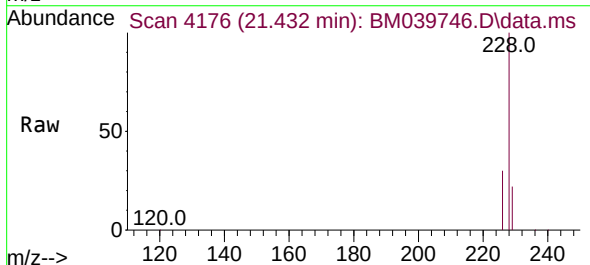
Manual Integrations
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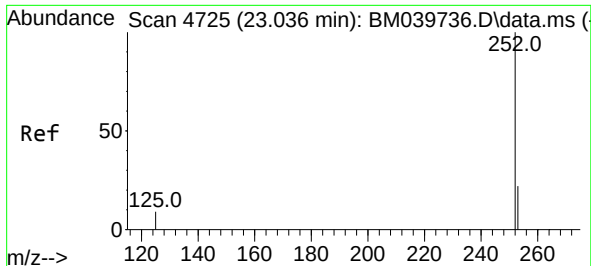
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 20.994 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.015 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

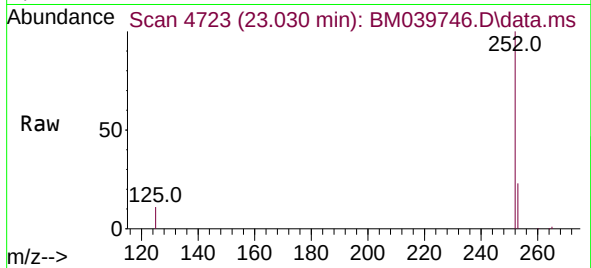
Tgt Ion:228 Resp: 877481
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 26.580 ng/ul
RT: 23.030 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

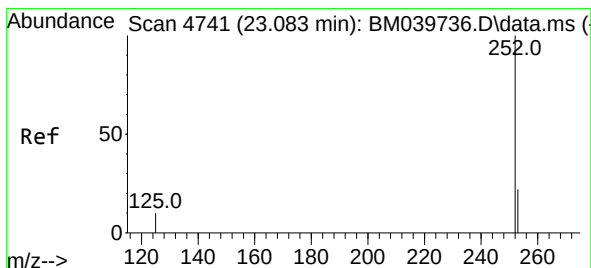
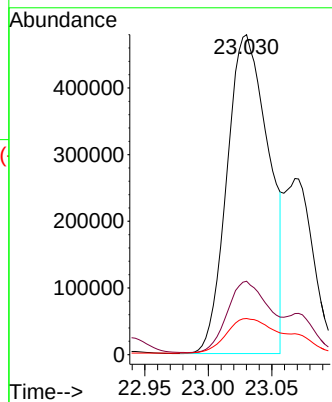
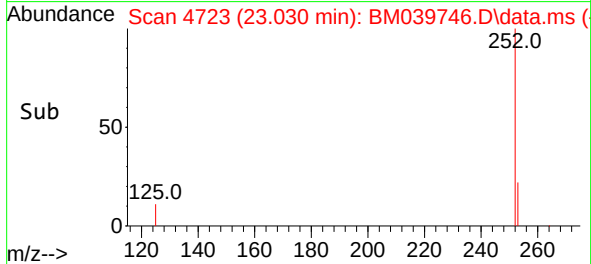
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:252 Resp: 1090034
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.3 0.0 31.6

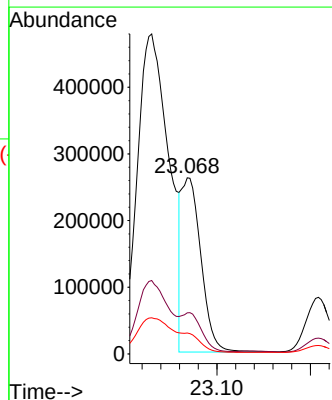
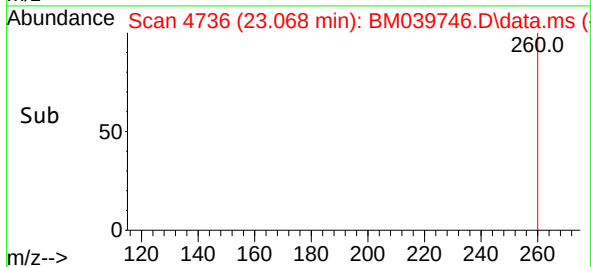
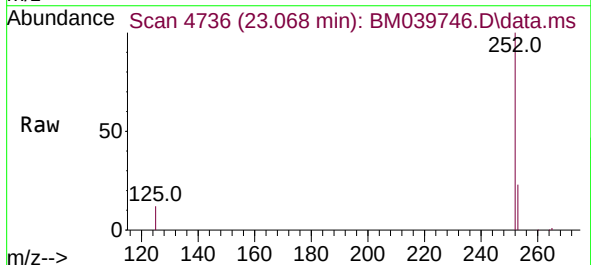
Manual Integrations
APPROVED

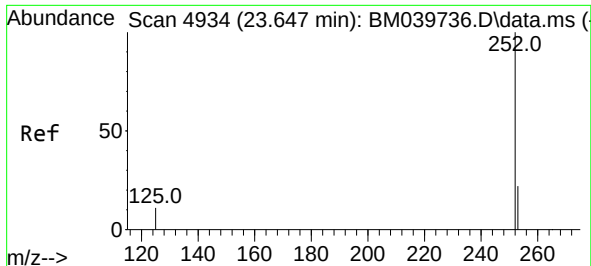
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 9.071 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.026 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

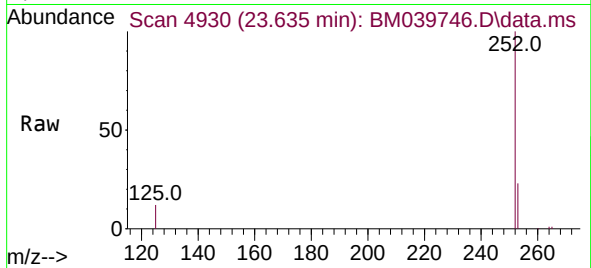
Tgt Ion:252 Resp: 378747
Ion Ratio Lower Upper
252 100
253 23.3 21.3 31.9
125 11.8 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 20.956 ng/ul
RT: 23.635 min Scan# 4934
Delta R.T. -0.029 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

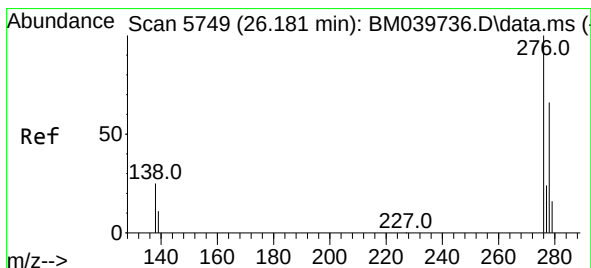
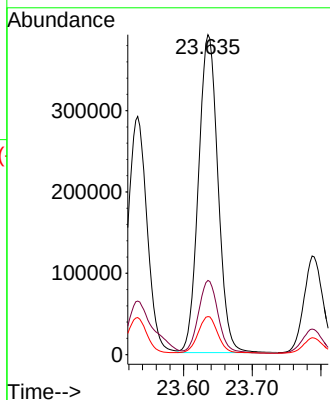
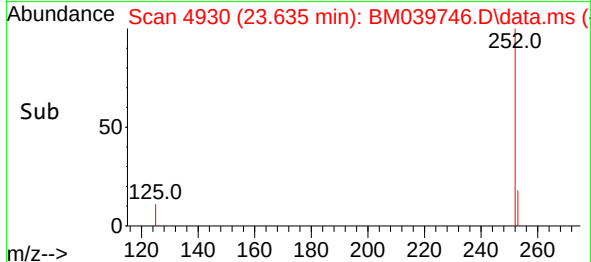
Instrument :
BNA_M
ClientSampleId :
EW8W8



Tgt Ion:252 Resp: 771573
Ion Ratio Lower Upper
252 100
253 23.2 24.7 37.1#
125 11.9 16.5 24.7#

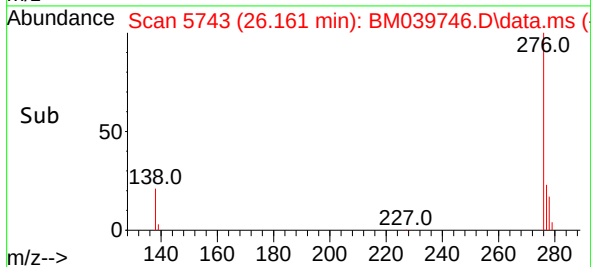
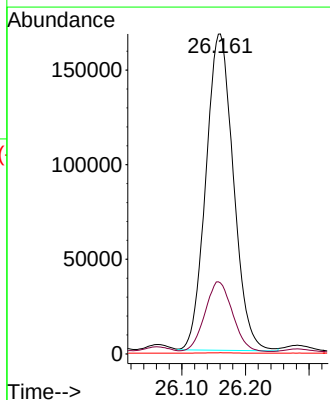
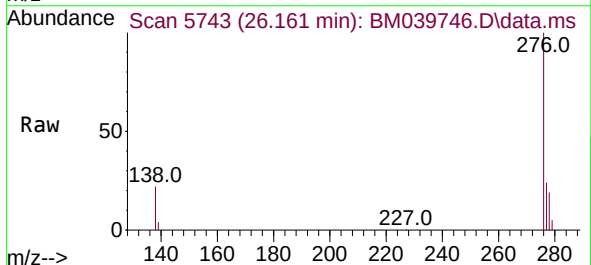
Manual Integrations
APPROVED

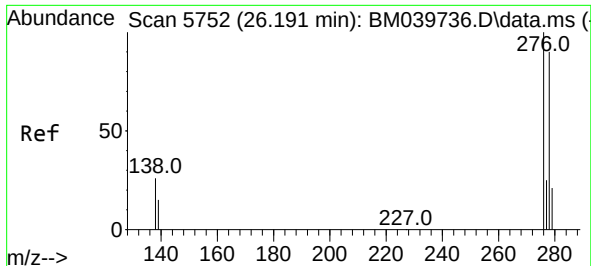
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.810 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.040 min
Lab File: BM039746.D
Acq: 28 Apr 2023 21:06

Tgt Ion:276 Resp: 503284
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 3.136 ng/ul

RT: 26.164 min Scan# 51

Delta R.T. -0.054 min

Lab File: BM039746.D

Acq: 28 Apr 2023 21:06

Instrument :

BNA_M

ClientSampleId :

EW8W8

Tgt Ion:278 Resp: 113316

Ion Ratio Lower Upper

278 100

139 19.6 17.0 25.6

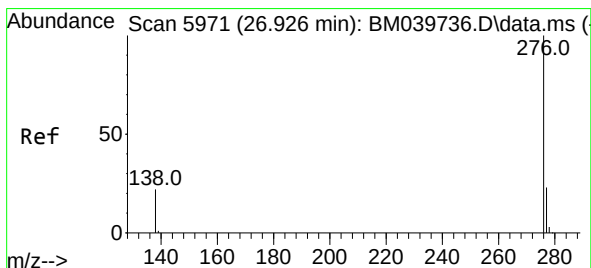
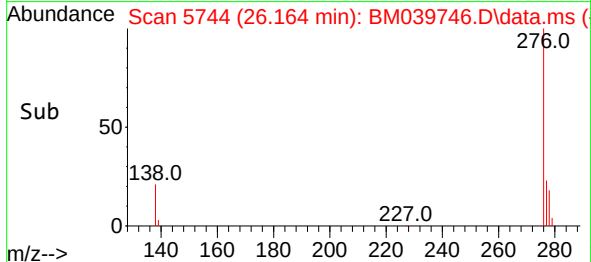
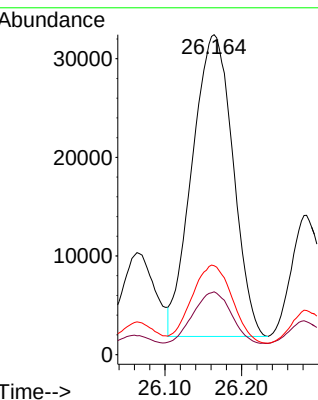
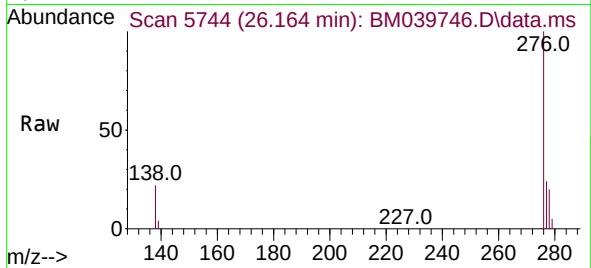
279 27.8 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#29

Benzo(g,h,i)perylene

Concen: 11.178 ng/ul

RT: 26.909 min Scan# 5966

Delta R.T. -0.040 min

Lab File: BM039746.D

Acq: 28 Apr 2023 21:06

Tgt Ion:276 Resp: 453465

Ion Ratio Lower Upper

276 100

138 23.2 20.1 30.1

277 23.9 20.1 30.1

