

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039848.D
 Acq On : 05 May 2023 16:56
 Operator : CG/JU
 Sample : 02479-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW943

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:47:57 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 : Sat May 06 02:22:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2159m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.577	136	8527	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.431	164	6067m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.186	188	16183	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.393	240	7868	0.400	ng/ul	#-0.01
23) Perylene-d12	23.740	264	10325	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	4979	1.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.177	152	2050	0.187	ng/ul	-0.04
18) Fluoranthene-d10	19.227	212	4944	0.234	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.627	128	61882	2.890	ng/ul	98
7) 2-Methylnaphthalene	12.249	142	56403	4.564	ng/ul	97
8) 1-Methylnaphthalene	12.469	142	35026	2.642	ng/ul	100
10) Acenaphthylene	14.153	152	86517	3.684	ng/ul	100
11) Acenaphthene	14.496	153	138660	7.518	ng/ul	98
12) Fluorene	15.486	166	271770	13.280	ng/ul	98
14) Pentachlorophenol	16.865	266	481	0.136	ng/ul	97
15) Phenanthrene	17.232	178	2401399	56.325	ng/ul	99
16) Anthracene	17.321	178	616414	16.838	ng/ul	97
19) Fluoranthene	19.260	202	3295793	117.414	ng/ul	99
20) Pyrene	19.622	202	2443460	80.609	ng/ul	97
21) Benzo(a)anthracene	21.376	228	1481339	65.483	ng/ul	98
22) Chrysene	21.428	228	1377138	53.794	ng/ul	97
24) Benzo(b)fluoranthene	23.030	252	1567939	43.241	ng/ul	93
25) Benzo(k)fluoranthene	23.068	252	523333m	14.174	ng/ul	
26) Benzo(a)pyrene	23.641	252	922433	28.334	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.167	276	587385	14.269	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.171	278	187490	5.868	ng/ul	99
29) Benzo(g,h,i)perylene	26.918	276	502911	14.020	ng/ul	97

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

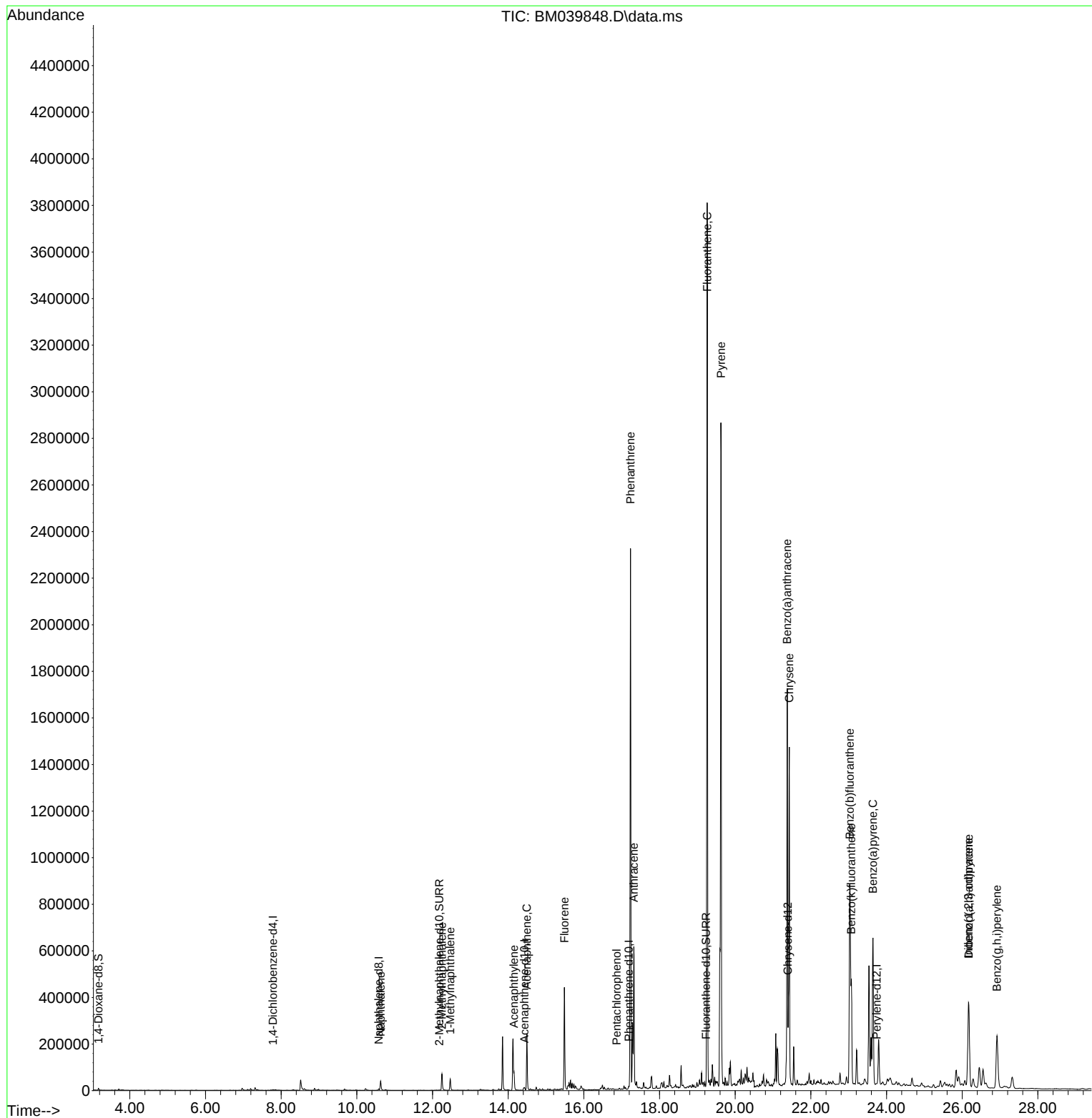
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039848.D
Acq On : 05 May 2023 16:56
Operator : CG/JU
Sample : 02479-02
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ALS Vial : 14 Sample Multiplier: 1

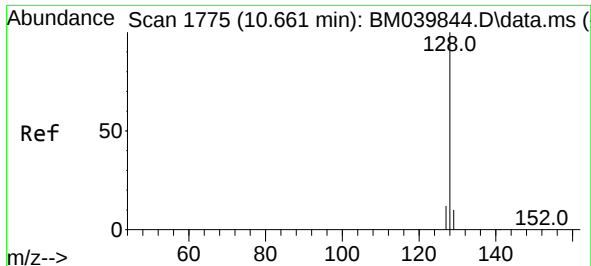
Instrument :
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Supervised By :Jagrut Upadhyay 05/08/2023

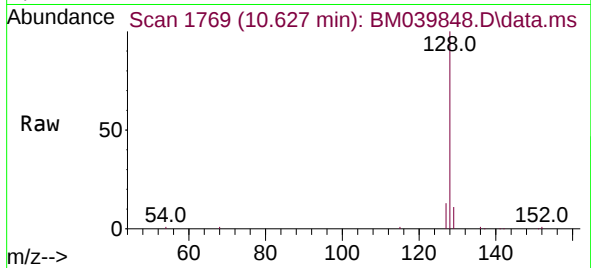
Quant Time: May 06 02:47:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 06 02:22:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.890 ng/ul
RT: 10.627 min Scan# 1769
Delta R.T. -0.034 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

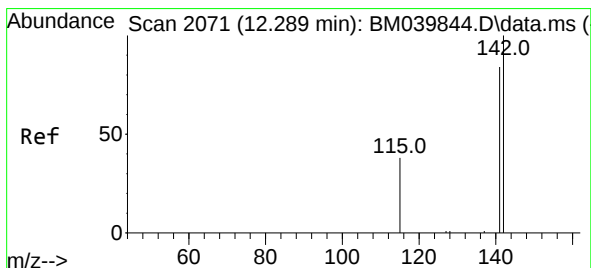
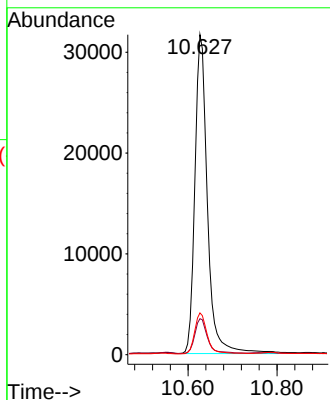
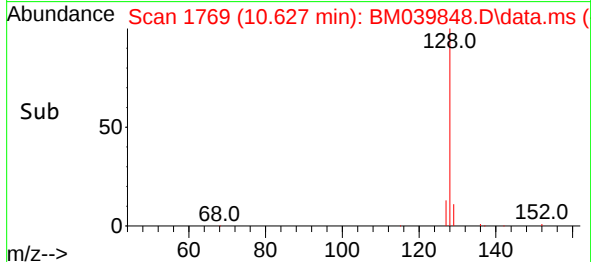
Instrument :
BNA_M
ClientSampleId :
EW943



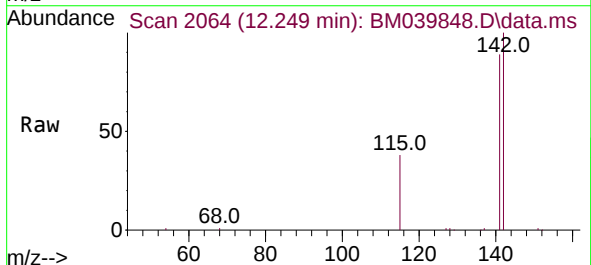
Tgt Ion:128 Resp: 6188
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.6
127 13.1 11.1 16.7

Manual Integrations
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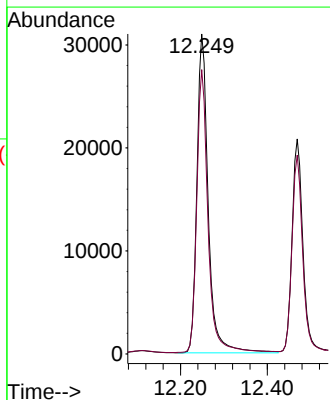
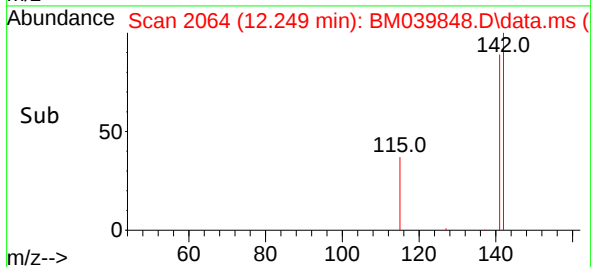
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

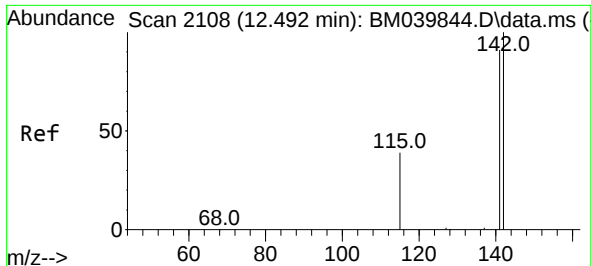


#7
2-Methylnaphthalene
Concen: 4.564 ng/ul
RT: 12.249 min Scan# 2064
Delta R.T. -0.040 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56



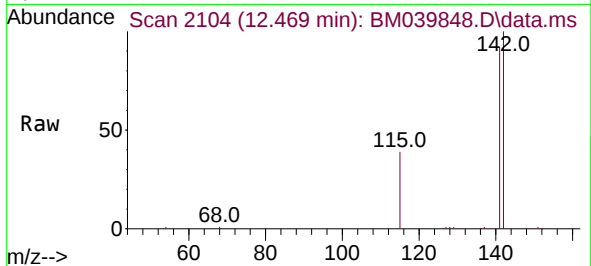
Tgt Ion:142 Resp: 56403
Ion Ratio Lower Upper
142 100
141 88.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 2.642 ng/ul
RT: 12.469 min Scan# 2104
Delta R.T. -0.023 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

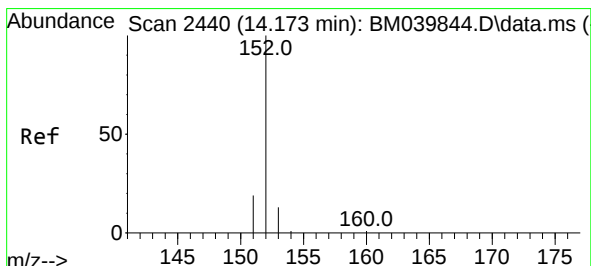
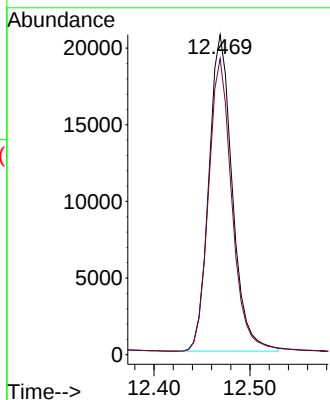
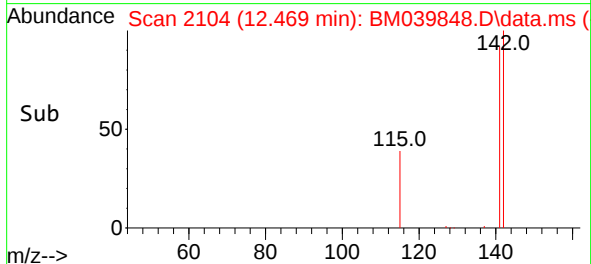
Instrument :
BNA_M
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Tgt Ion:142 Resp: 35020
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

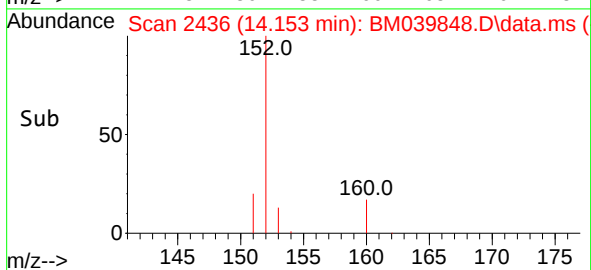
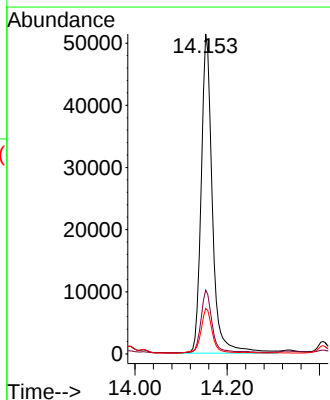
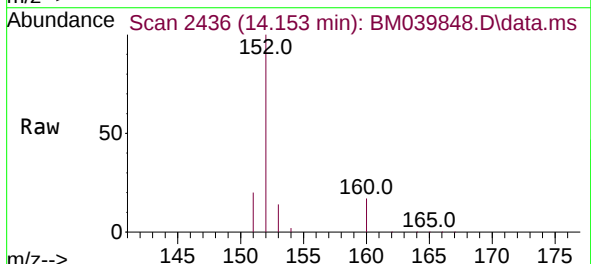
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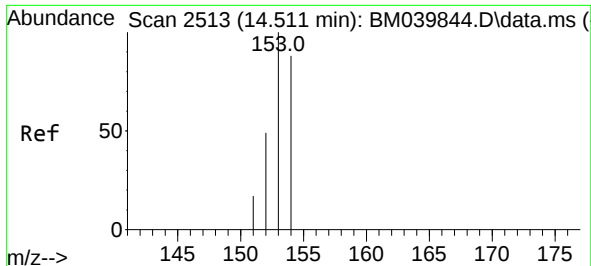
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 3.684 ng/ul
RT: 14.153 min Scan# 2436
Delta R.T. -0.020 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

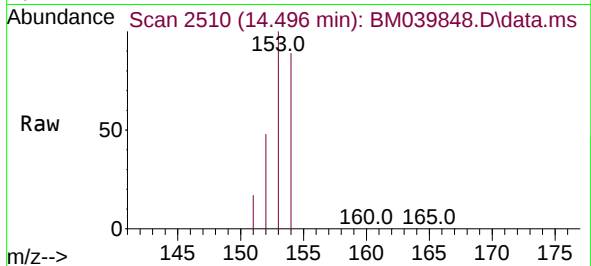
Tgt Ion:152 Resp: 86517
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.2 11.2 16.8





#11
Acenaphthene
Concen: 7.518 ng/ul
RT: 14.496 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

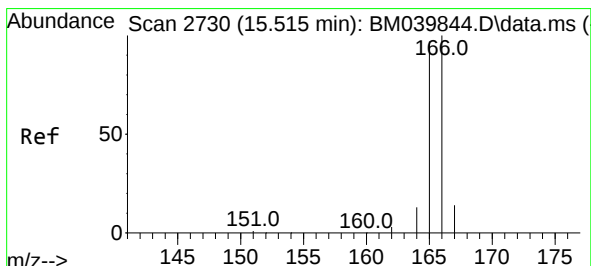
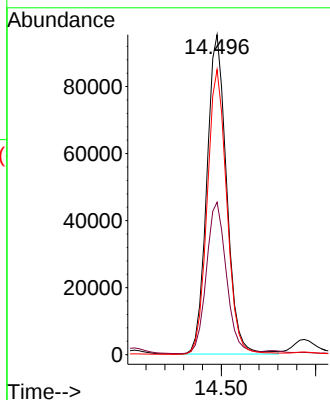
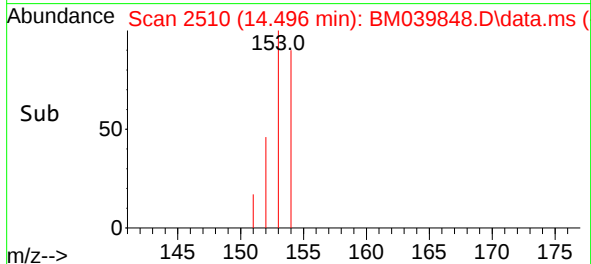
Instrument :
BNA_M
ClientSampleId :
EW943



Tgt Ion:153 Resp: 138660
Ion Ratio Lower Upper
153 100
152 47.6 40.6 61.0
154 89.1 71.9 107.9

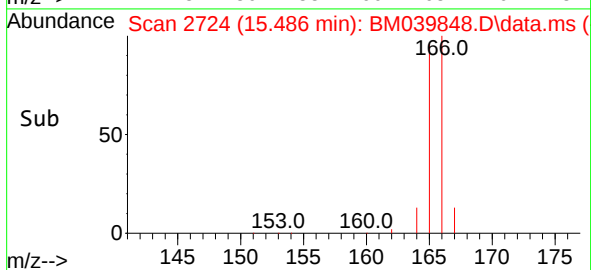
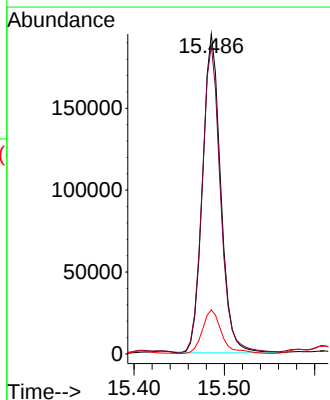
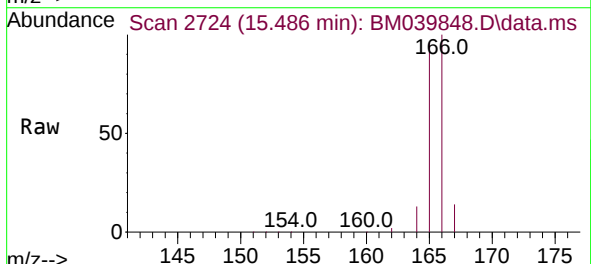
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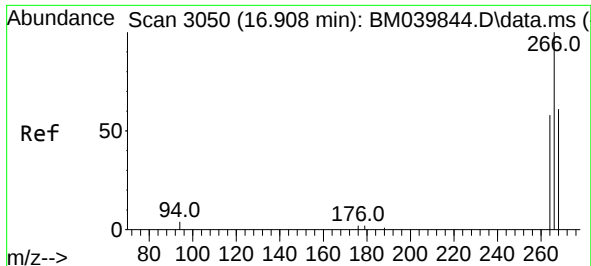
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#12
Fluorene
Concen: 13.280 ng/ul
RT: 15.486 min Scan# 2724
Delta R.T. -0.029 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

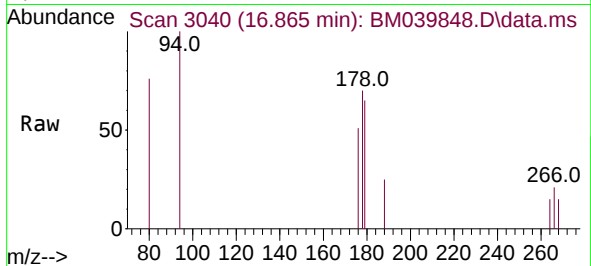
Tgt Ion:166 Resp: 271770
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 13.8 11.8 17.6





#14
 Pentachlorophenol
 Concen: 0.136 ng/ul
 RT: 16.865 min Scan# 3050
 Delta R.T. -0.044 min
 Lab File: BM039848.D
 Acq: 05 May 2023 16:56

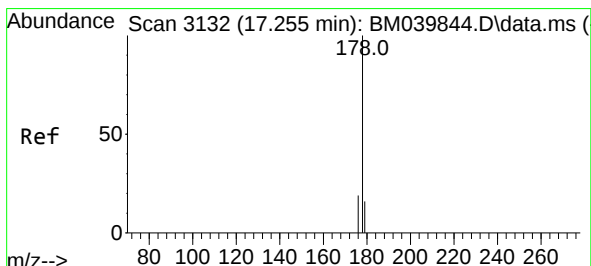
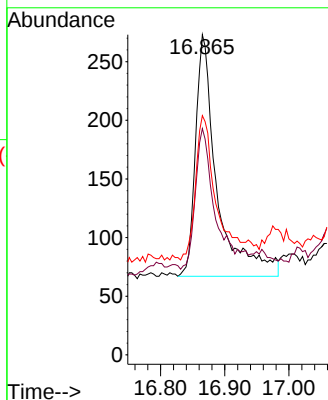
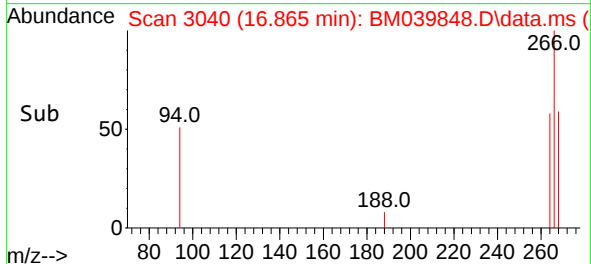
Instrument :
 BNA_M
 ClientSampleId :
 EW943



Tgt Ion:266 Resp: 488
 Ion Ratio Lower Upper
 266 100
 264 62.2 48.8 73.2
 268 60.1 50.4 75.6

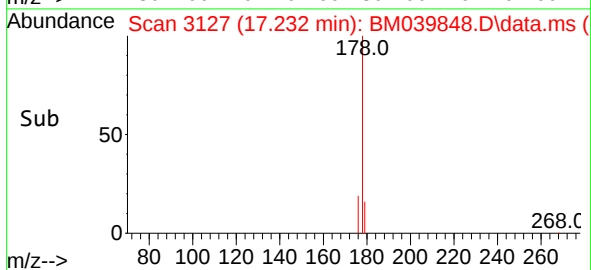
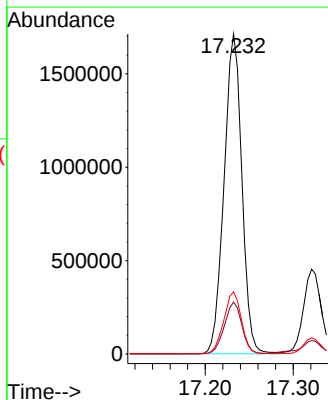
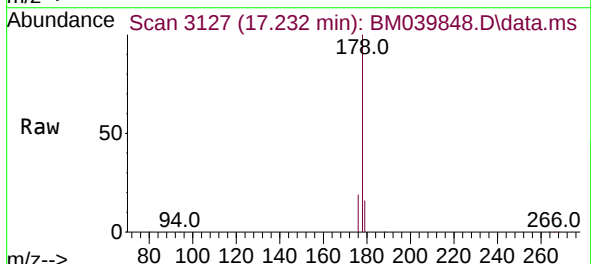
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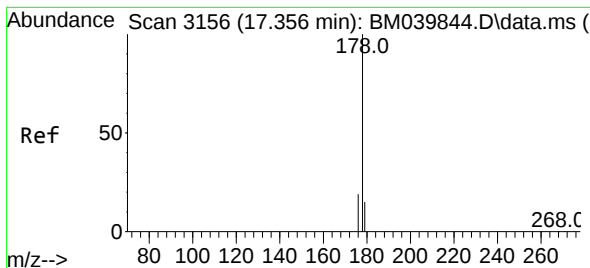
Reviewed By :Christian Giraldo 05/08/2023
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#15
 Phenanthrene
 Concen: 56.325 ng/ul
 RT: 17.232 min Scan# 3127
 Delta R.T. -0.022 min
 Lab File: BM039848.D
 Acq: 05 May 2023 16:56

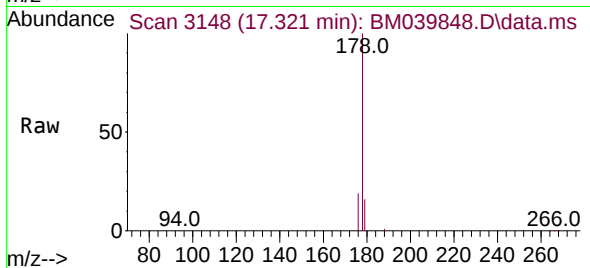
Tgt Ion:178 Resp: 2401399
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.6
 176 19.4 15.8 23.8





#16
 Anthracene
 Concen: 16.838 ng/ul
 RT: 17.321 min Scan# 3156
 Delta R.T. -0.035 min
 Lab File: BM039848.D
 Acq: 05 May 2023 16:56

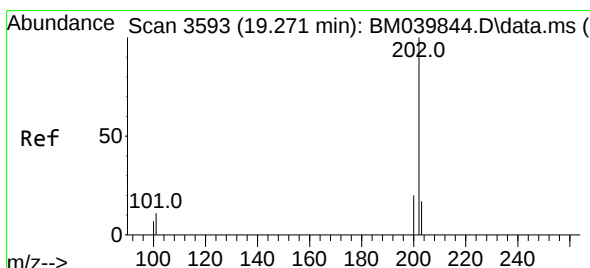
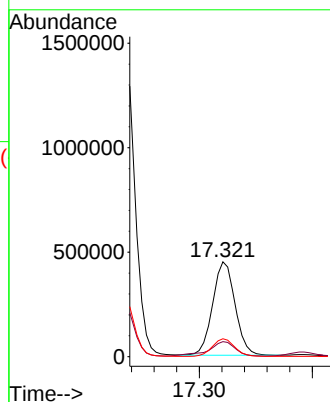
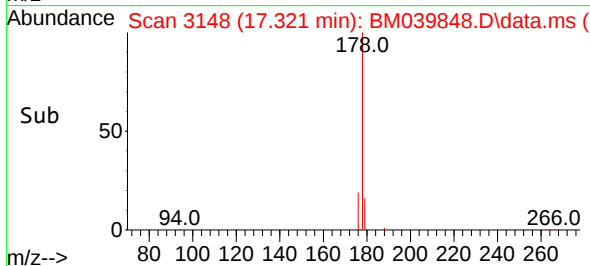
Instrument :
 BNA_M
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 EW943



Tgt Ion:178 Resp: 616414
 Ion Ratio Lower Upper
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 179 15.9 13.8 20.6
 176 18.8 15.8 23.8

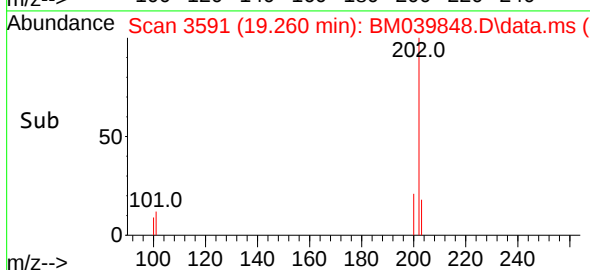
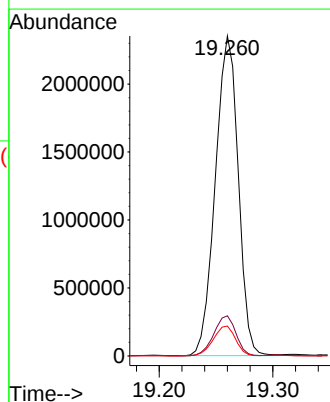
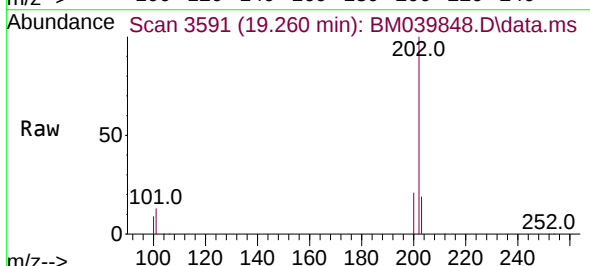
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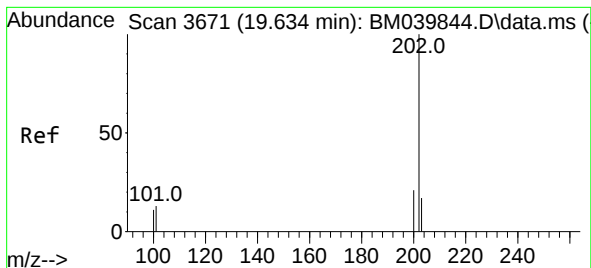
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#19
 Fluoranthene
 Concen: 117.414 ng/ul
 RT: 19.260 min Scan# 3591
 Delta R.T. -0.011 min
 Lab File: BM039848.D
 Acq: 05 May 2023 16:56

Tgt Ion:202 Resp: 3295793
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.8 14.8
 100 9.4 7.3 10.9





#20

Pyrene

Concen: 80.609 ng/ul

RT: 19.622 min Scan# 30

Delta R.T. -0.011 min

Lab File: BM039848.D

Acq: 05 May 2023 16:56

Instrument :

BNA_M

ClientSampleId :

EW943

Tgt Ion:202 Resp: 2443460

Ion Ratio Lower Upper

202 100

101 14.8 10.9 16.3

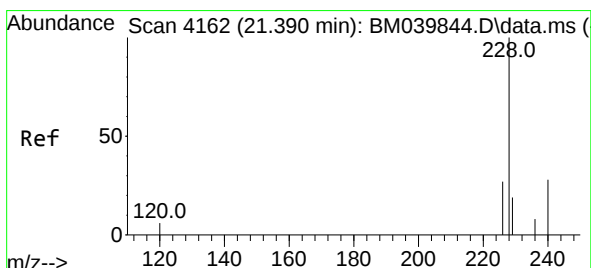
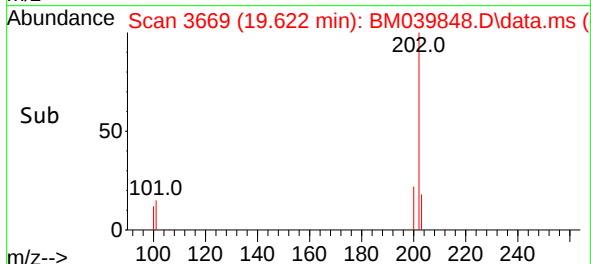
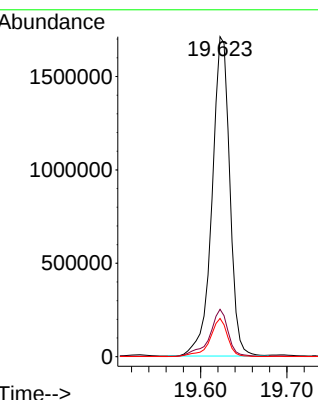
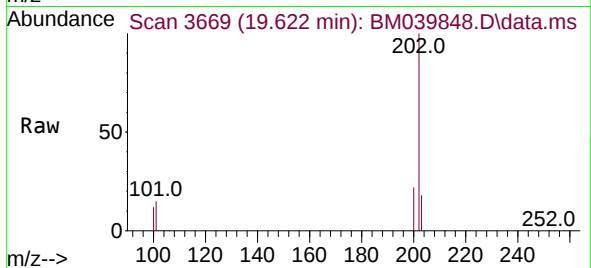
100 12.0 8.9 13.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/08/2023



#21

Benzo(a)anthracene

Concen: 65.483 ng/ul

RT: 21.376 min Scan# 4157

Delta R.T. -0.015 min

Lab File: BM039848.D

Acq: 05 May 2023 16:56

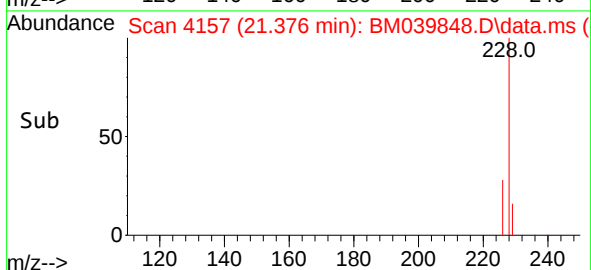
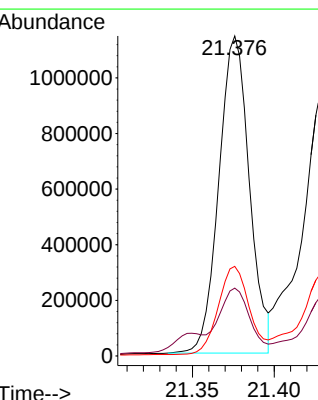
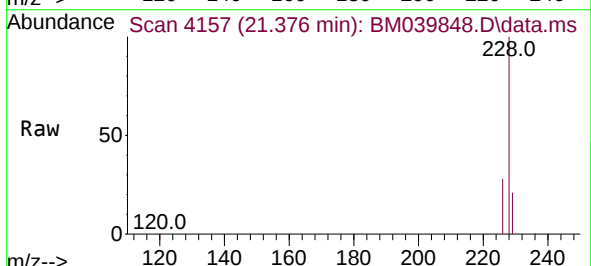
Tgt Ion:228 Resp: 1481339

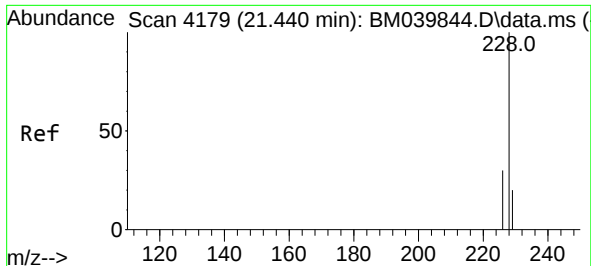
Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.2

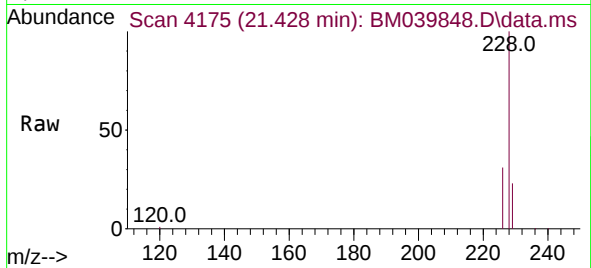
226 28.0 21.6 32.4





#22
Chrysene
Concen: 53.794 ng/ul
RT: 21.428 min Scan# 4175
Delta R.T. -0.012 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

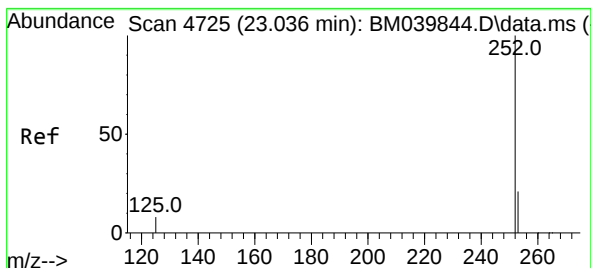
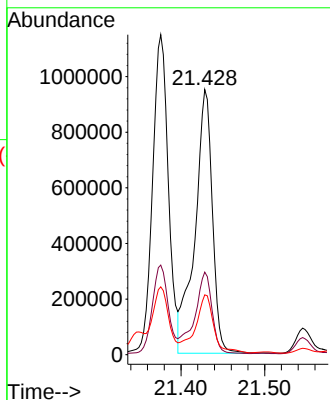
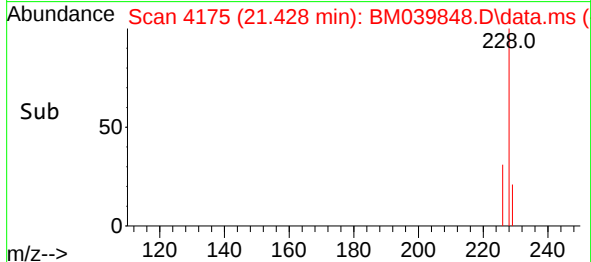
Instrument :
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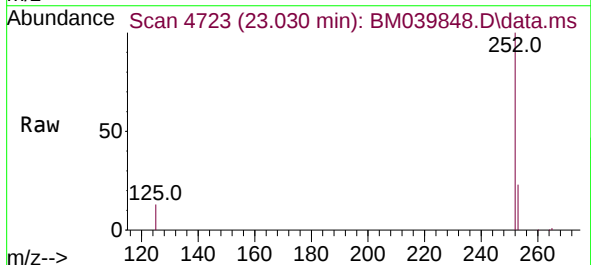
Tgt Ion:228 Resp: 1377138
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.6 15.9 23.9

Manual Integrations
APPROVED

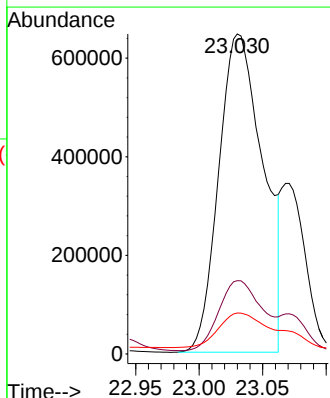
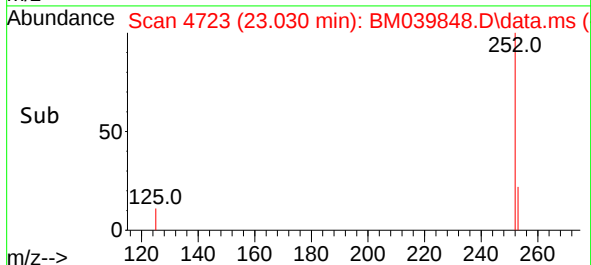
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

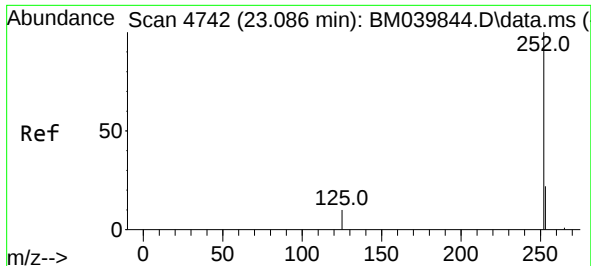


#24
Benzo(b)fluoranthene
Concen: 43.241 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.006 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56



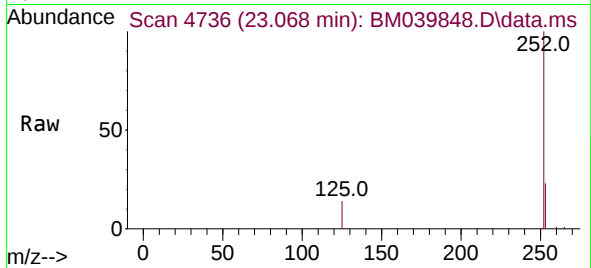
Tgt Ion:252 Resp: 1567939
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 12.8 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 14.174 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.018 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

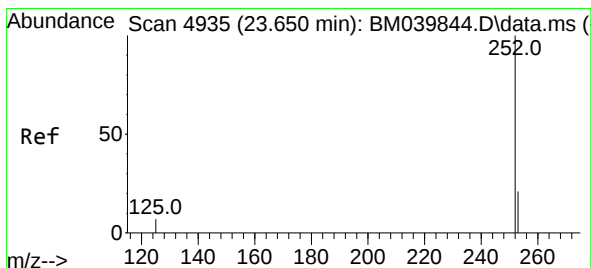
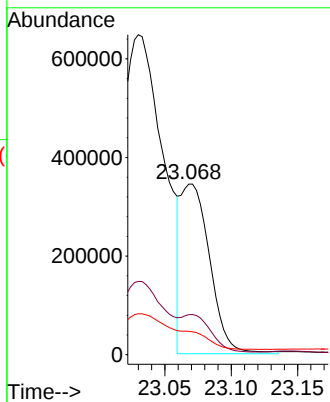
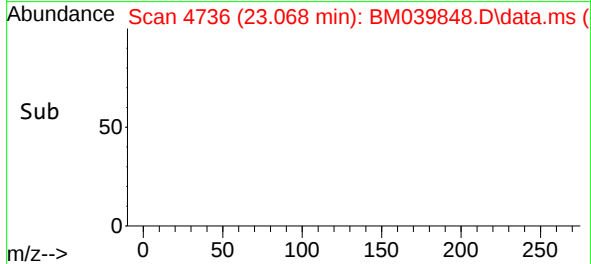
Instrument :
BNA_M
ClientSampleId :
EW943



Tgt Ion:252 Resp: 52333
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 13.7 13.0 19.6

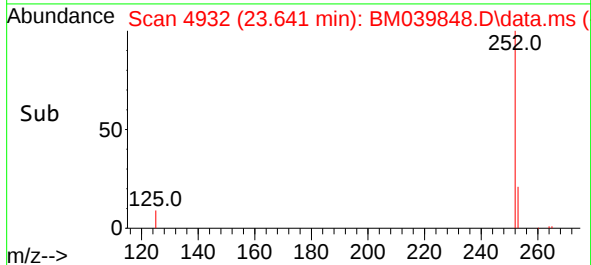
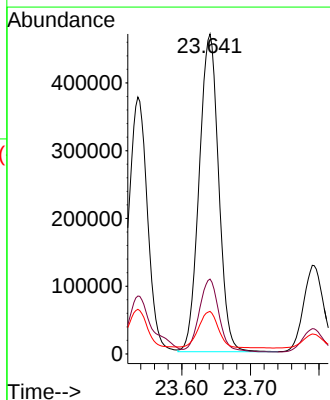
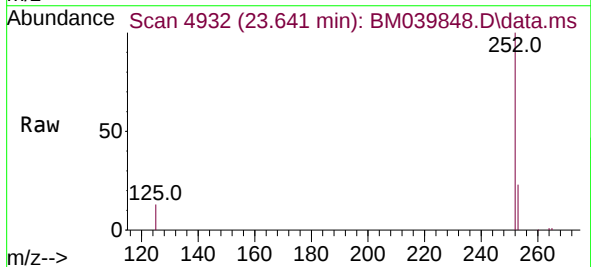
Manual Integrations
APPROVED

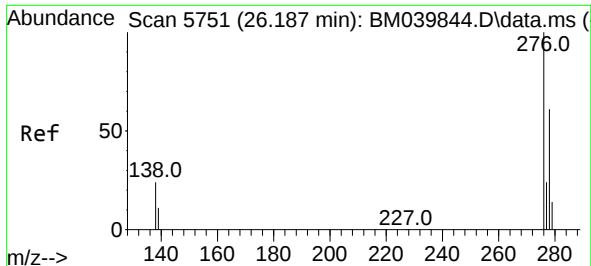
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#26
Benzo(a)pyrene
Concen: 28.334 ng/ul
RT: 23.641 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

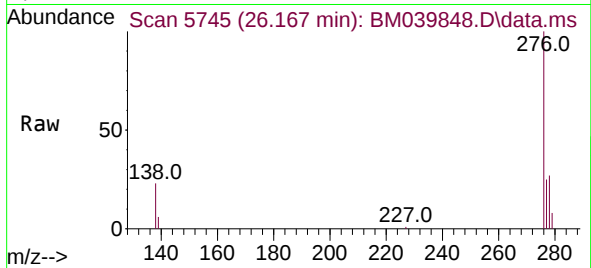
Tgt Ion:252 Resp: 922433
Ion Ratio Lower Upper
252 100
253 23.4 24.7 37.1#
125 13.3 16.5 24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 14.269 ng/ul
RT: 26.167 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

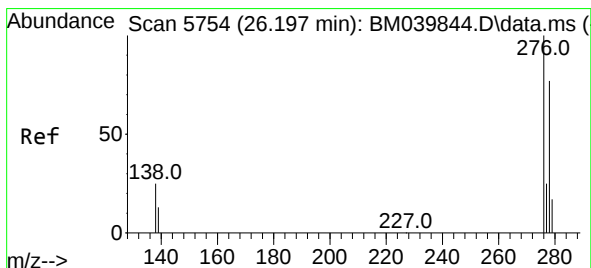
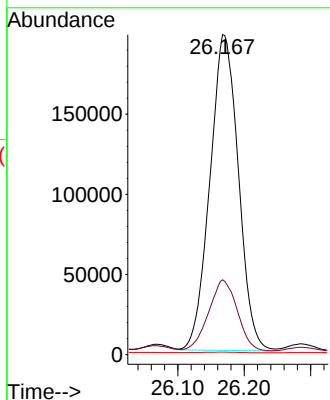
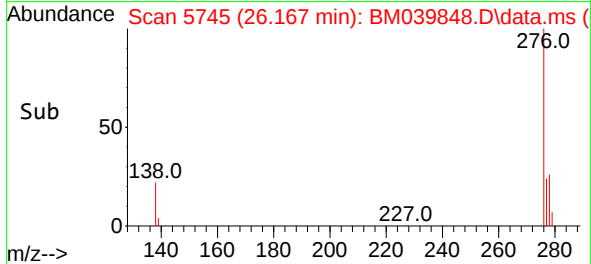
Instrument :
BNA_M
ClientSampleId :
EW943



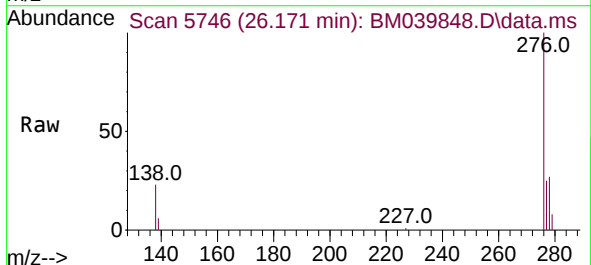
Tgt Ion:276 Resp: 58738
Ion Ratio Lower Upper
276 100
138 22.6 21.1 31.7
227 0.2 0.1 0.1

Manual Integrations
APPROVED

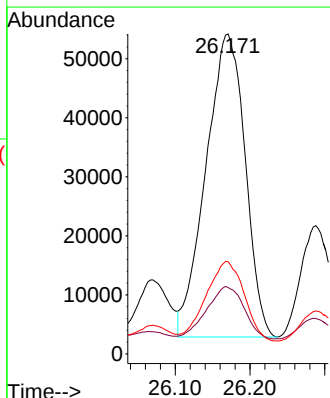
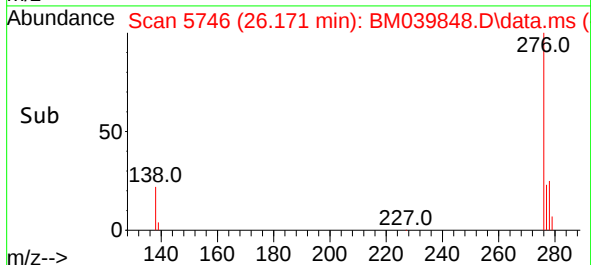
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

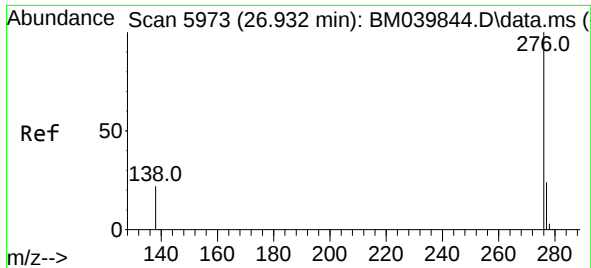


#28
Dibenzo(a,h)anthracene
Concen: 5.868 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.027 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56



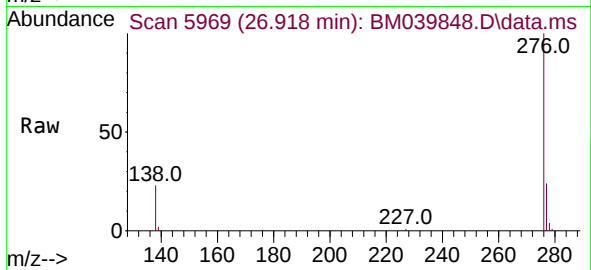
Tgt Ion:278 Resp: 187490
Ion Ratio Lower Upper
278 100
139 20.7 17.0 25.6
279 28.8 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 14.020 ng/ul
RT: 26.918 min Scan# 5969
Delta R.T. -0.013 min
Lab File: BM039848.D
Acq: 05 May 2023 16:56

Instrument :
BNA_M
ClientSampleId :
EW943



Tgt Ion:276 Resp: 502911
Ion Ratio Lower Upper
276 100
138 23.2 20.1 30.1
277 24.4 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

