

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039758.D
 Acq On : 29 Apr 2023 04:56
 Operator : CG/JU
 Sample : 02417-14
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y0

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 05:43:15 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 Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	3445	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.594	136	13629	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.445	164	8472	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	18710	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	14724	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	12978	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	12071	2.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3465	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	8765	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.643	128	16029	0.468	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	12193	0.617	ng/ul	97
8) 1-Methylnaphthalene	12.486	142	10082	0.476	ng/ul	99
10) Acenaphthylene	14.167	152	9614	0.293	ng/ul#	95
11) Acenaphthene	14.510	153	6836	0.265	ng/ul	98
12) Fluorene	15.500	166	8040	0.281	ng/ul#	99
15) Phenanthrene	17.241	178	195363	3.963	ng/ul	98
16) Anthracene	17.334	178	51003	1.205	ng/ul	98
19) Fluoranthene	19.261	202	433034	8.244	ng/ul	100
20) Pyrene	19.628	202	394618	6.957	ng/ul	98
21) Benzo(a)anthracene	21.376	228	212459	5.019	ng/ul	99
22) Chrysene	21.429	228	205350	4.286	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	291307	6.391	ng/ul	93
25) Benzo(k)fluoranthene	23.069	252	75478m	1.626	ng/ul	
26) Benzo(a)pyrene	23.633	252	175592	4.291	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.161	276	123857	2.394	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.164	278	30245	0.753	ng/ul	99
29) Benzo(g,h,i)perylene	26.909	276	119677	2.654	ng/ul	97

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

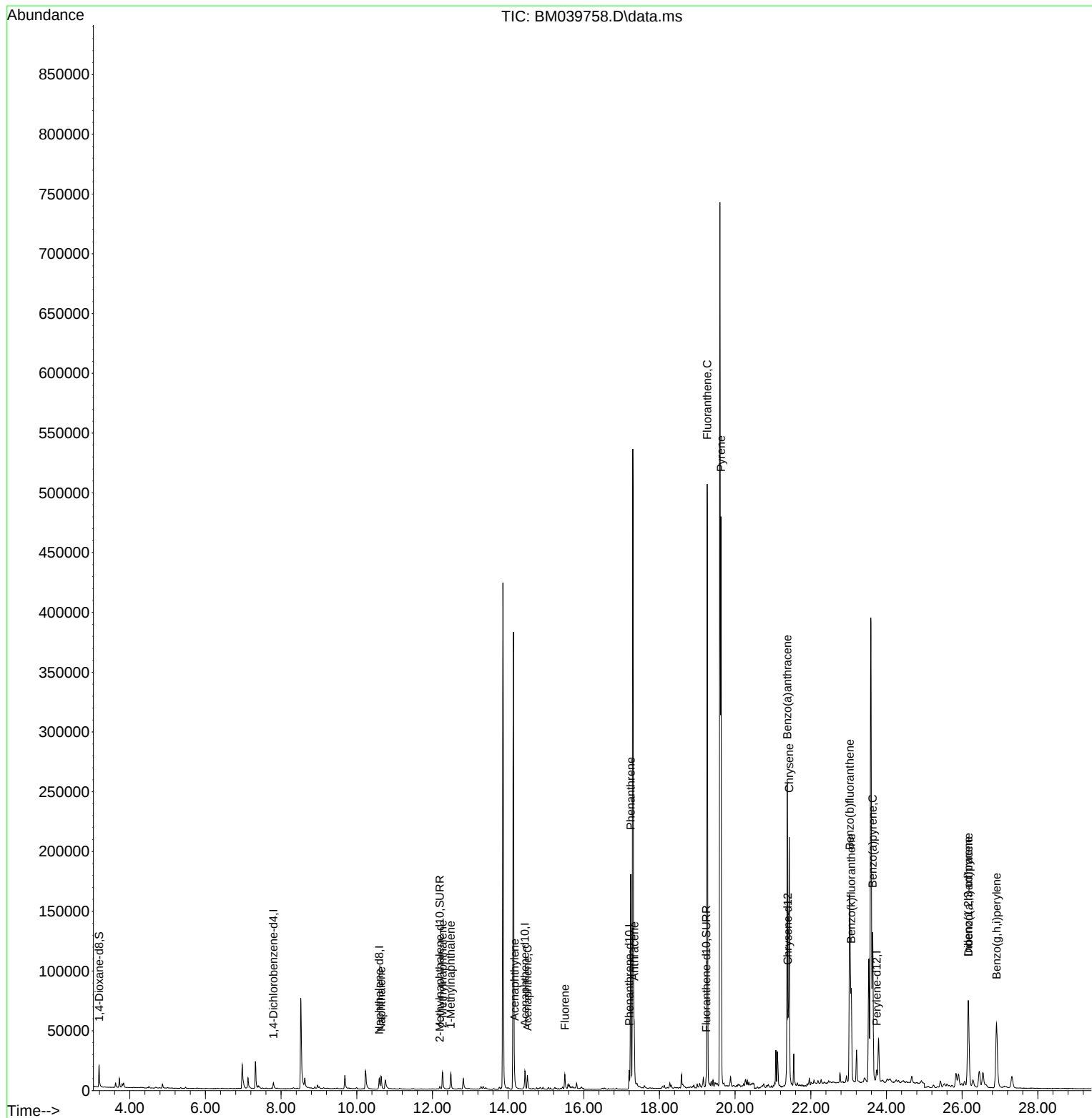
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039758.D
Acq On : 29 Apr 2023 04:56
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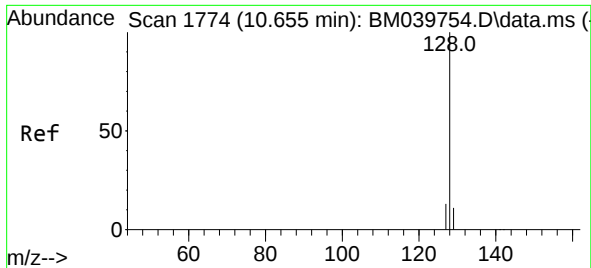
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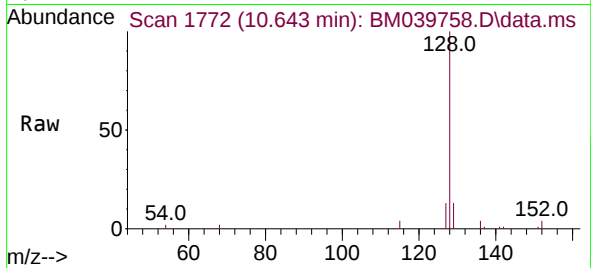
Quant Time: Apr 29 05:43:15 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.468 ng/ul
RT: 10.643 min Scan# 1772
Delta R.T. -0.012 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

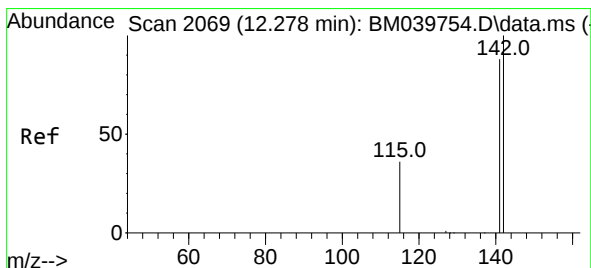
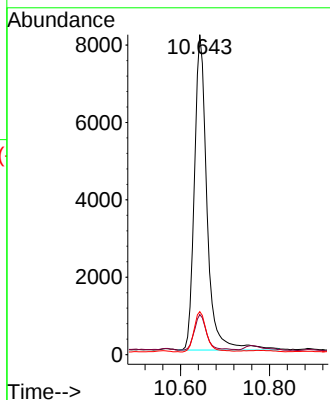
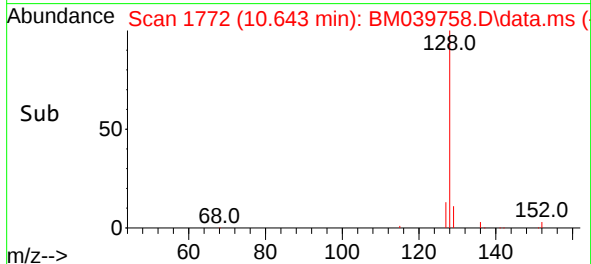
Instrument :
BNA_M
ClientSampleId :
EW8Y0



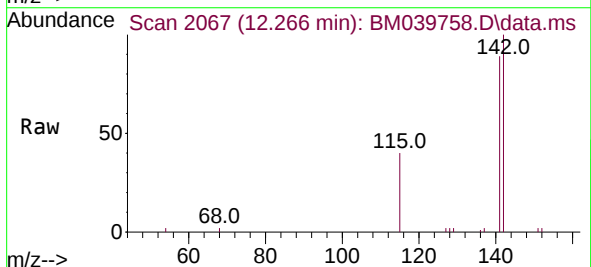
Tgt Ion:128 Resp: 16029
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 13.4 11.1 16.7

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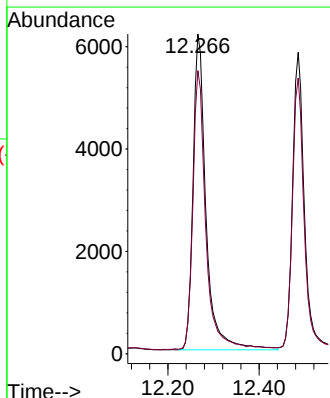
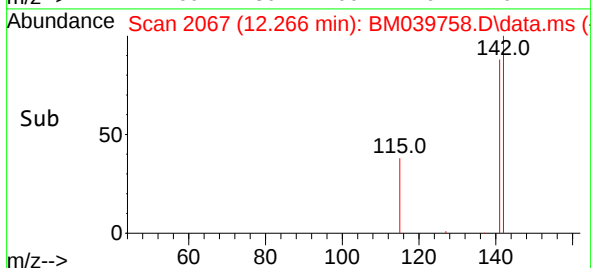
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

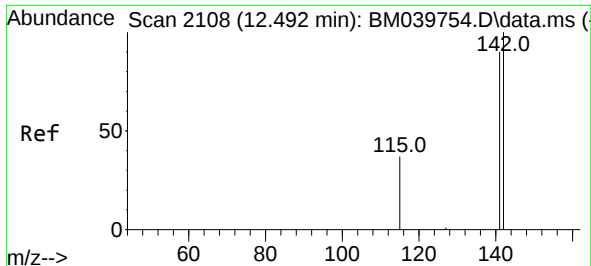


#7
2-Methylnaphthalene
Concen: 0.617 ng/ul
RT: 12.266 min Scan# 2067
Delta R.T. -0.012 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56



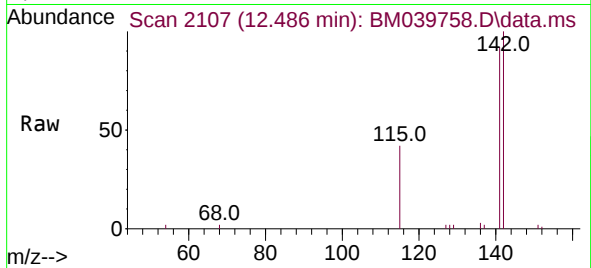
Tgt Ion:142 Resp: 12193
Ion Ratio Lower Upper
142 100
141 89.0 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.476 ng/ul
RT: 12.486 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

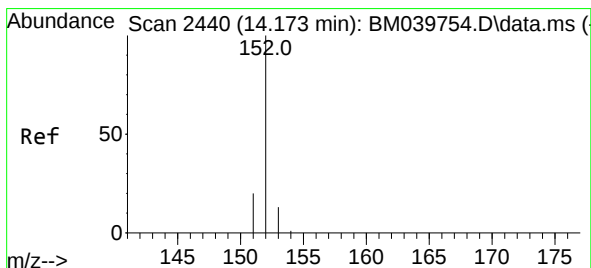
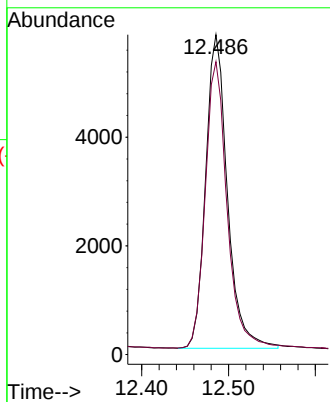
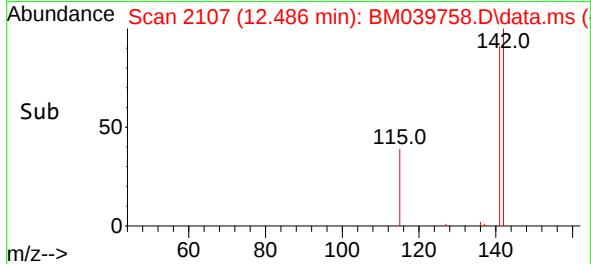
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Tgt Ion:142 Resp: 10082
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2

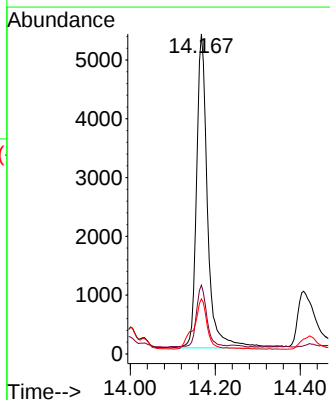
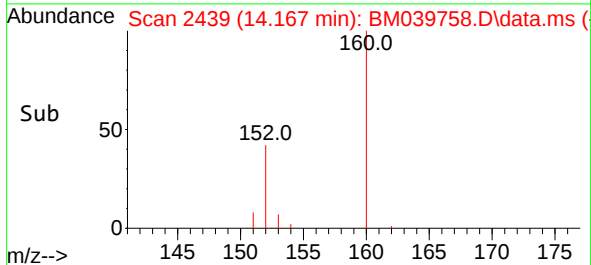
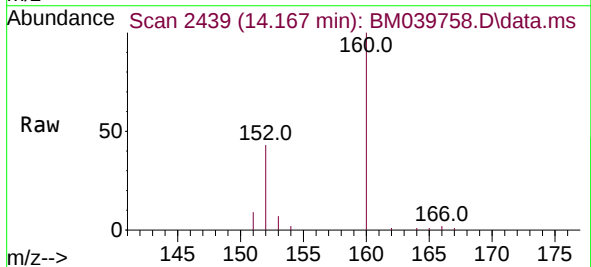
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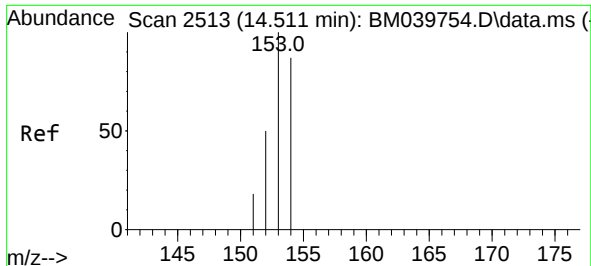
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

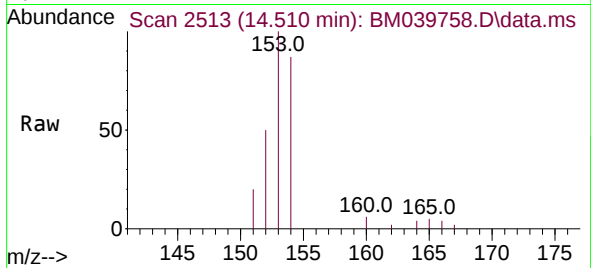
Tgt Ion:152 Resp: 9614
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 17.2 11.2 16.8#





#11
Acenaphthene
Concen: 0.265 ng/ul
RT: 14.510 min Scan# 2513
Delta R.T. -0.001 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

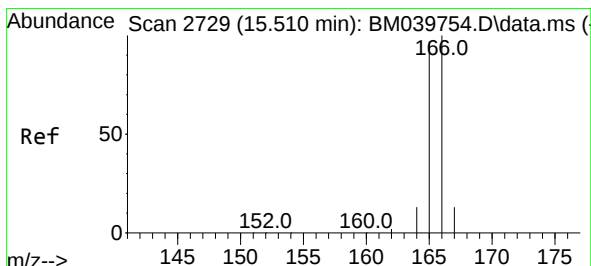
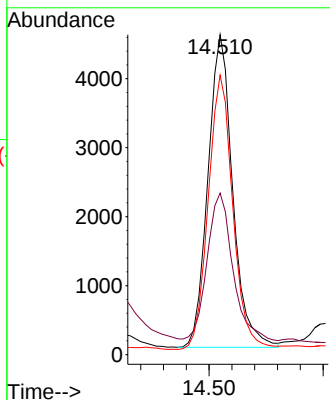
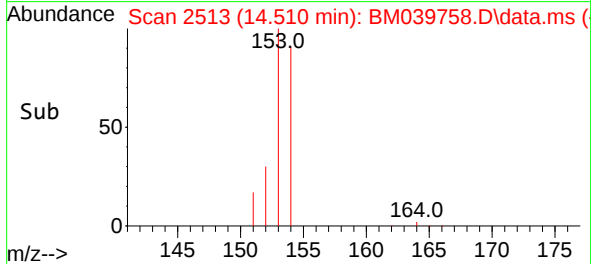
Instrument :
BNA_M
ClientSampleId :
EW8Y0



Tgt Ion:153 Resp: 6836
Ion Ratio Lower Upper
153 100
152 50.5 40.6 61.0
154 87.3 71.9 107.9

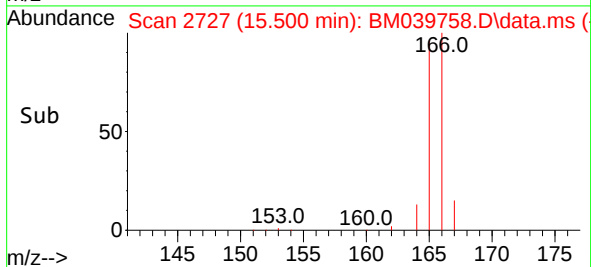
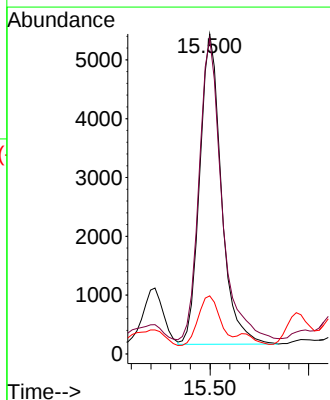
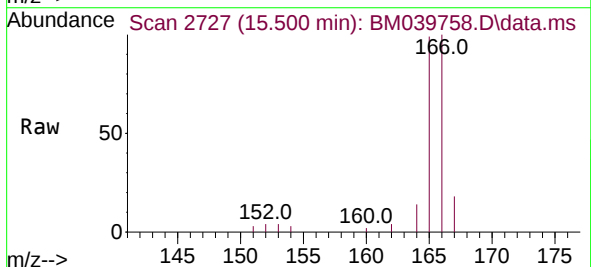
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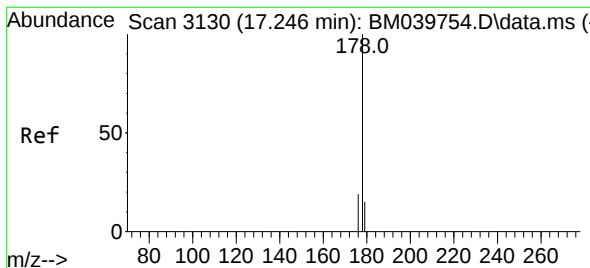
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.500 min Scan# 2727
Delta R.T. -0.010 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

Tgt Ion:166 Resp: 8040
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.6
167 18.2 11.8 17.6#





#15

Phenanthrene

Concen: 3.963 ng/ul

RT: 17.241 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM039758.D

Acq: 29 Apr 2023 04:56

Instrument :

BNA_M

ClientSampleId :

EW8Y0

Tgt Ion:178 Resp: 19536

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

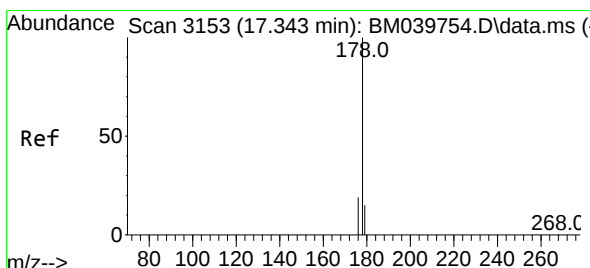
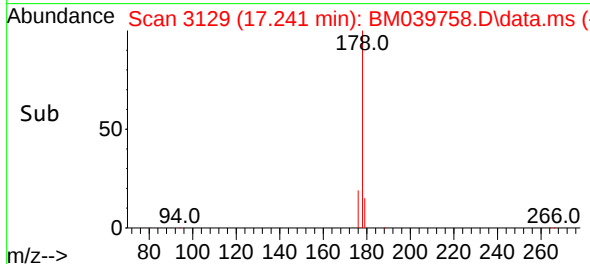
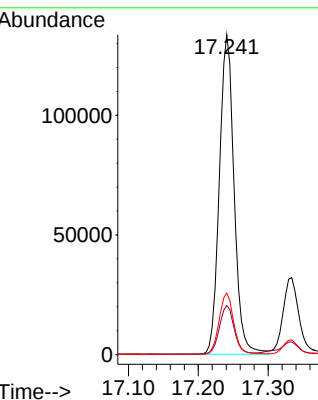
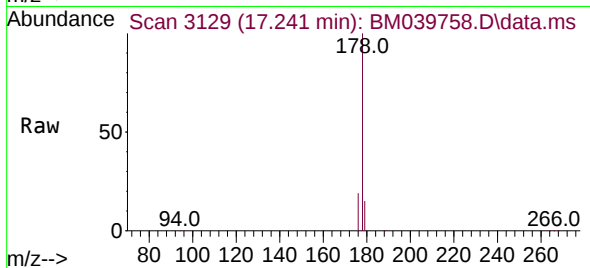
176 19.3 15.8 23.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/01/2023



#16

Anthracene

Concen: 1.205 ng/ul

RT: 17.334 min Scan# 3151

Delta R.T. -0.009 min

Lab File: BM039758.D

Acq: 29 Apr 2023 04:56

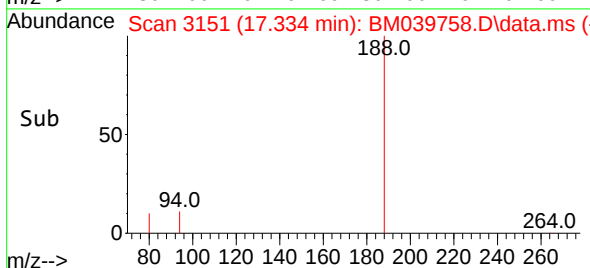
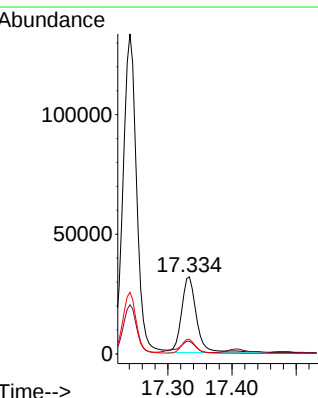
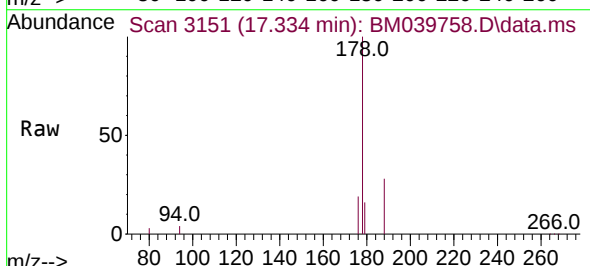
Tgt Ion:178 Resp: 51003

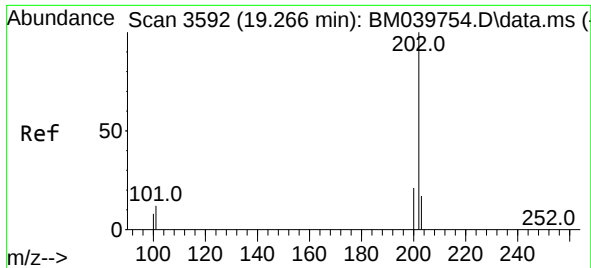
Ion Ratio Lower Upper

178 100

179 16.3 13.8 20.6

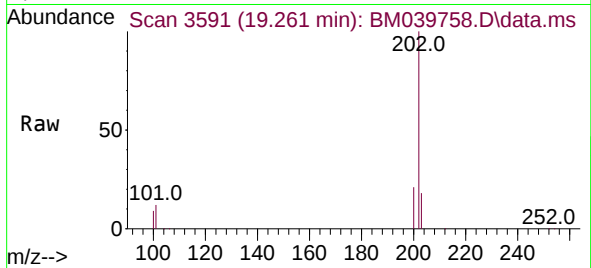
176 18.9 15.8 23.8





#19
Fluoranthene
Concen: 8.244 ng/ul
RT: 19.261 min Scan# 3591
Delta R.T. -0.006 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

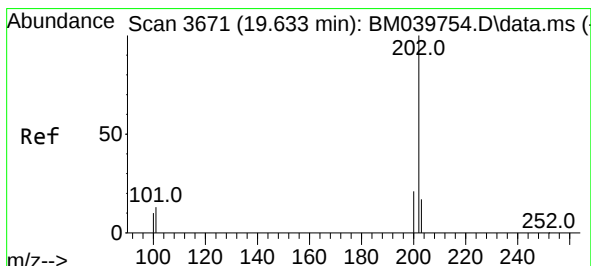
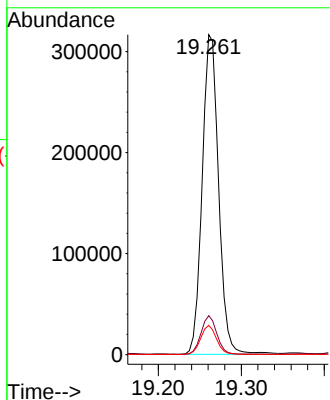
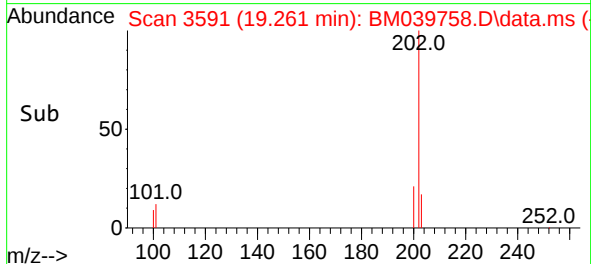
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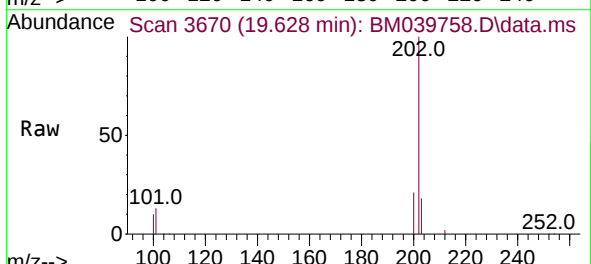
Tgt Ion:202 Resp: 433034
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
100 9.1 7.3 10.9

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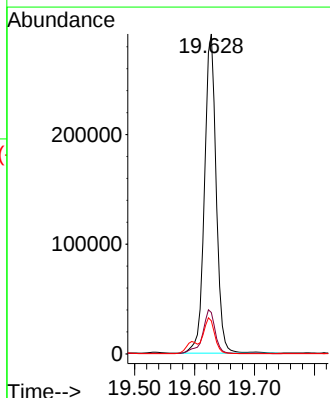
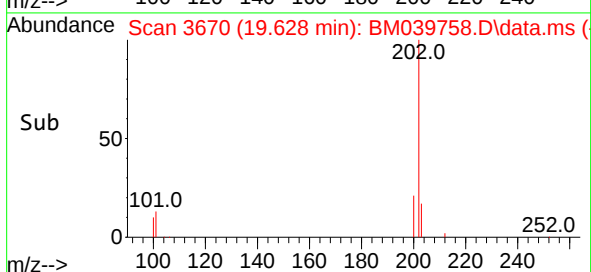
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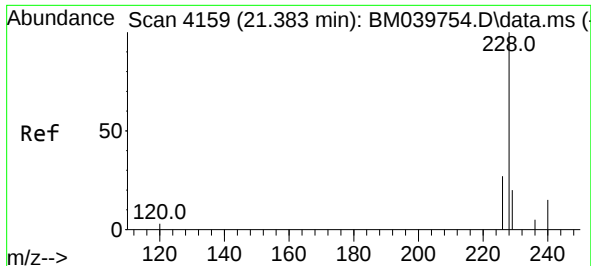


#20
Pyrene
Concen: 6.957 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56



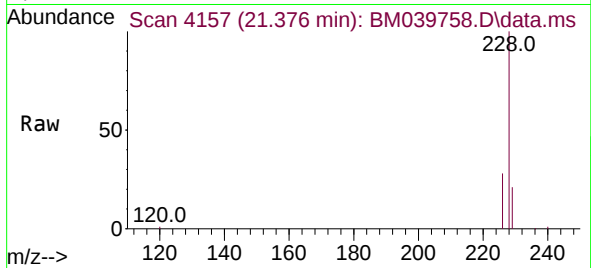
Tgt Ion:202 Resp: 394618
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.3 8.9 13.3





#21
Benzo(a)anthracene
Concen: 5.019 ng/ul
RT: 21.376 min Scan# 4159
Delta R.T. -0.007 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

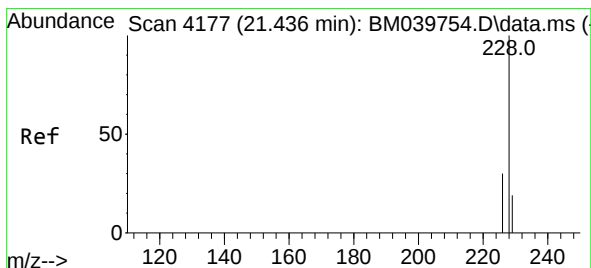
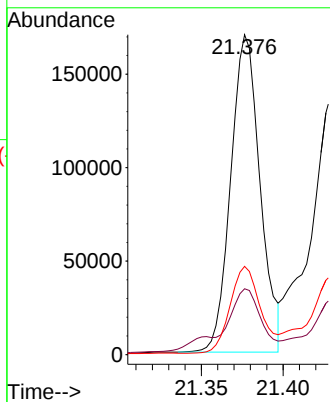
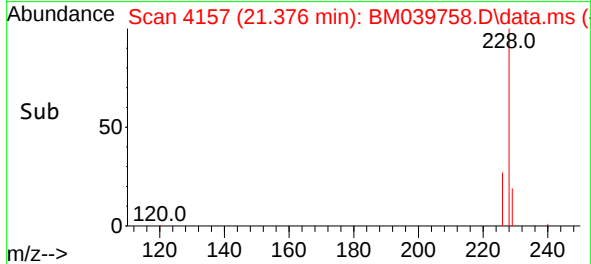
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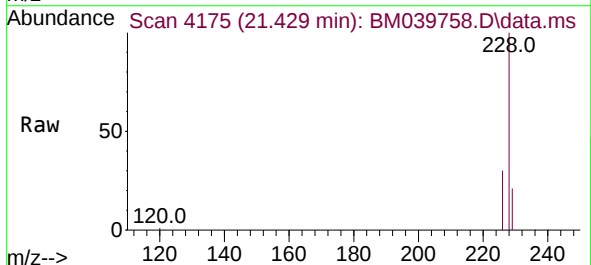
Tgt Ion:228 Resp: 212459
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.6 21.6 32.4

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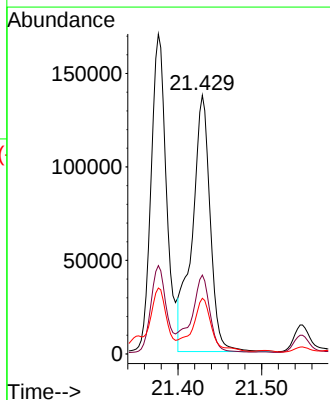
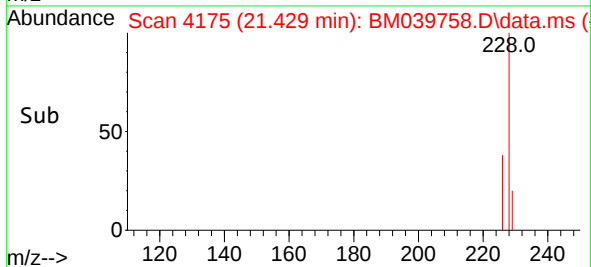
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

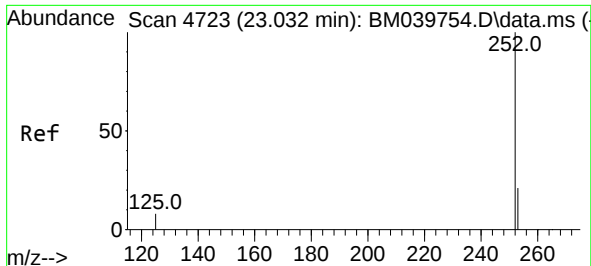


#22
Chrysene
Concen: 4.286 ng/ul
RT: 21.429 min Scan# 4175
Delta R.T. -0.007 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56



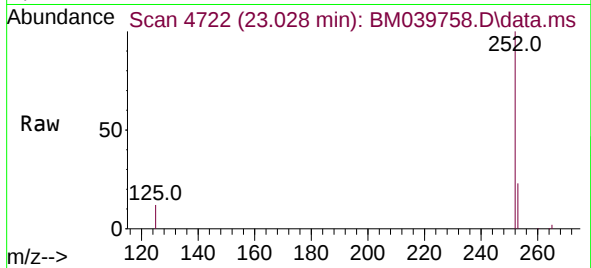
Tgt Ion:228 Resp: 205350
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 6.391 ng/ul
RT: 23.028 min Scan# 4722
Delta R.T. -0.004 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

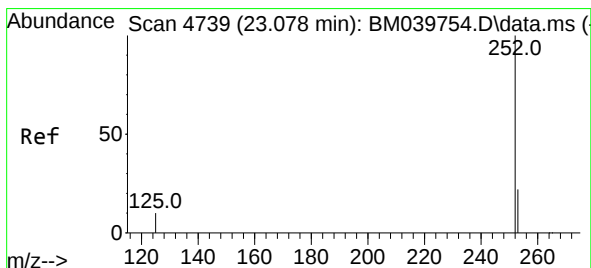
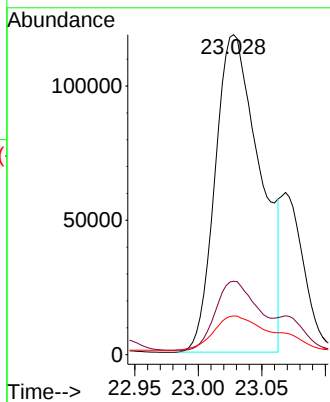
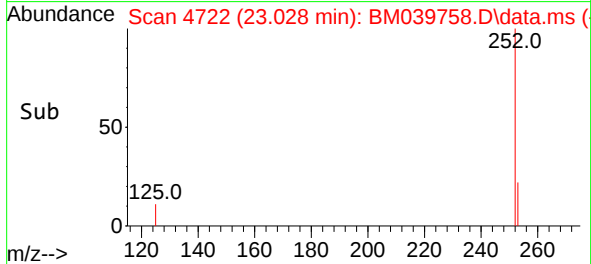
Instrument :
BNA_M
ClientSampleId :
EW8Y0



Tgt Ion:252 Resp: 291307
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.1 0.0 31.6

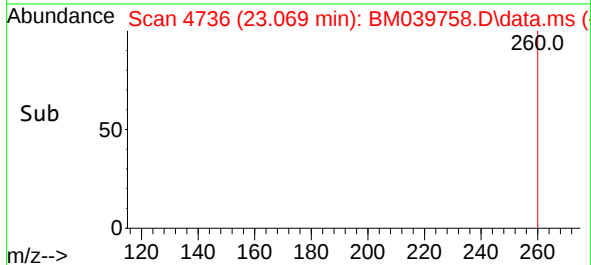
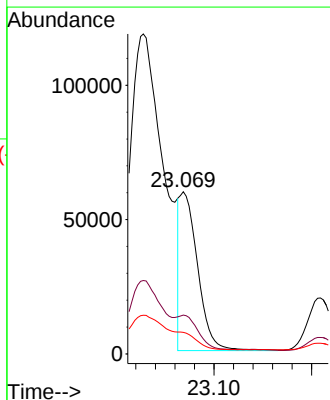
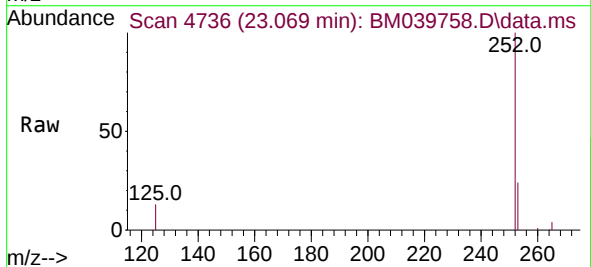
Manual Integrations
APPROVED

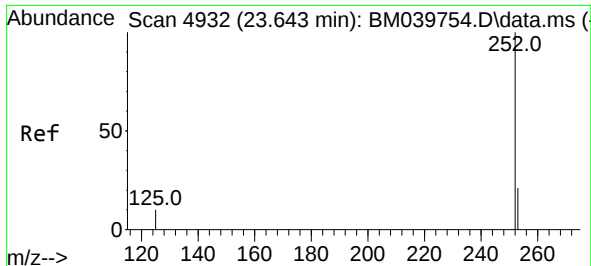
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 1.626 ng/ul m
RT: 23.069 min Scan# 4736
Delta R.T. -0.010 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

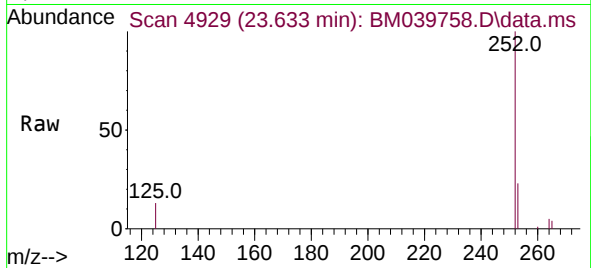
Tgt Ion:252 Resp: 75478
Ion Ratio Lower Upper
252 100
253 23.9 21.3 31.9
125 13.3 13.0 19.6





#26
Benzo(a)pyrene
Concen: 4.291 ng/ul
RT: 23.633 min Scan# 4932
Delta R.T. -0.010 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

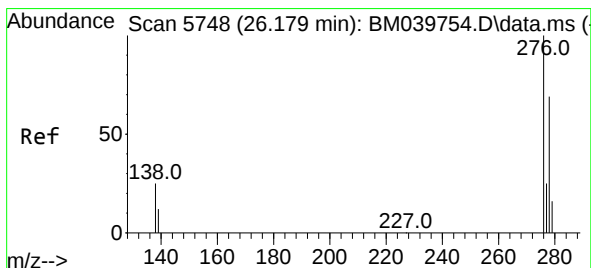
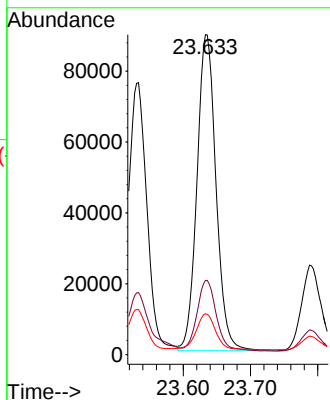
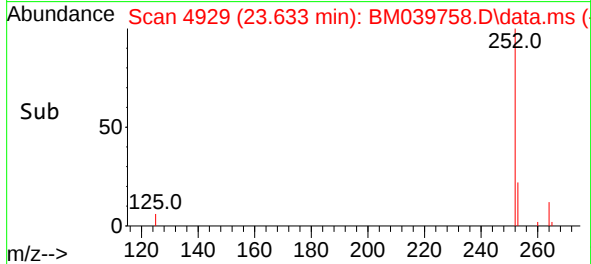
Instrument :
BNA_M
ClientSampleId :
EW8Y0



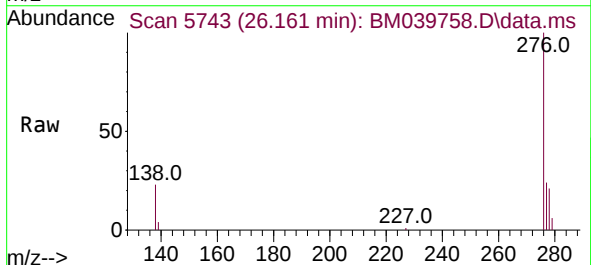
Tgt Ion:252 Resp: 175592
Ion Ratio Lower Upper
252 100
253 23.2 24.7 37.1#
125 12.8 16.5 24.7#

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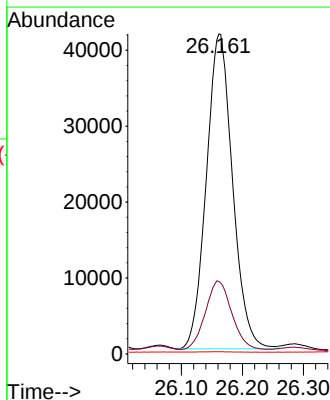
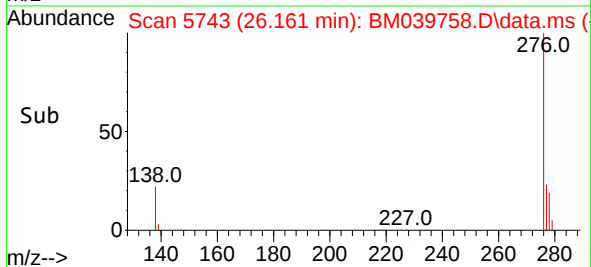
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

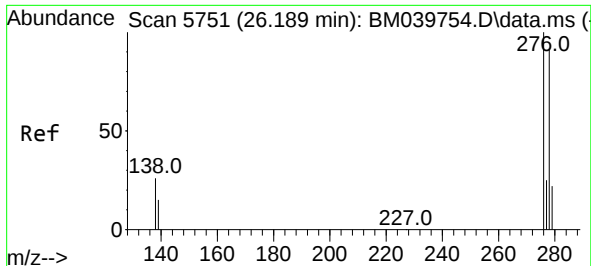


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.394 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.018 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56



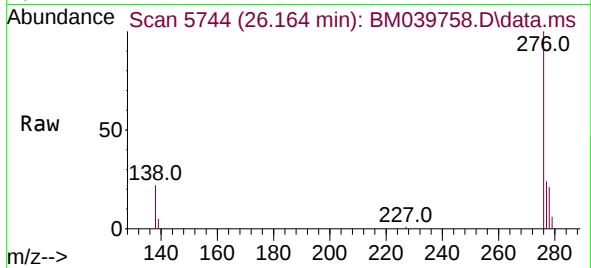
Tgt Ion:276 Resp: 123857
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.753 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.025 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

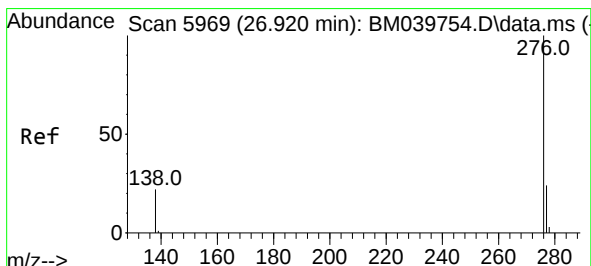
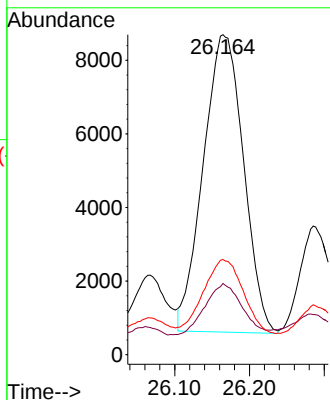
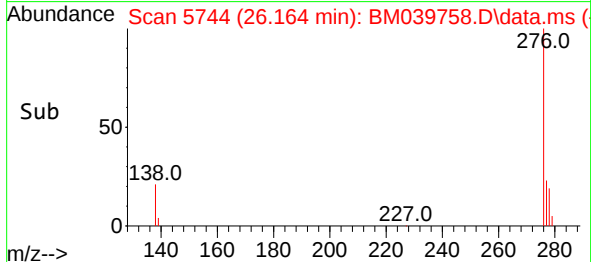
Instrument :
BNA_M
ClientSampleId :
EW8Y0



Tgt Ion:278 Resp: 30245
Ion Ratio Lower Upper
278 100
139 22.2 17.0 25.6
279 29.7 23.4 35.2

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



#29
Benzo(g,h,i)perylene
Concen: 2.654 ng/ul
RT: 26.909 min Scan# 5966
Delta R.T. -0.011 min
Lab File: BM039758.D
Acq: 29 Apr 2023 04:56

Tgt Ion:276 Resp: 119677
Ion Ratio Lower Upper
276 100
138 23.2 20.1 30.1
277 24.4 20.1 30.1

