

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037093.D
 Acq On : 15 Oct 2022 15:47
 Operator : CG/JU
 Sample : N5049-09DL 5X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBM0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:56:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22774	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	12133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	23337	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	14306	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	11372	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	8068	0.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2112	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3563	0.083	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.782	128	12914	0.198	ng/ul	Qvalue 97
7) 2-Methylnaphthalene	12.393	142	10107	0.254	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	7724	0.191	ng/ul	99
10) Acenaphthylene	14.279	152	3322	0.066	ng/ul#	90
15) Phenanthrene	17.339	178	12636	0.170	ng/ul	99
16) Anthracene	17.427	178	8850	0.142	ng/ul	100
19) Fluoranthene	19.349	202	19799	0.348	ng/ul	99
20) Pyrene	19.712	202	21953m	0.370	ng/ul	
21) Benzo(a)anthracene	21.453	228	15767	0.305	ng/ul	97
22) Chrysene	21.502	228	27491	0.495	ng/ul	99
24) Benzo(b)fluoranthene	23.127	252	37995	0.748	ng/ul	93
25) Benzo(k)fluoranthene	23.171	252	11040m	0.223	ng/ul	
26) Benzo(a)pyrene	23.744	252	18496	0.449	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.326	276	17776	0.304	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.333	278	4820	0.102	ng/ul#	90
29) Benzo(g,h,i)perylene	27.094	276	16441	0.320	ng/ul	98

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

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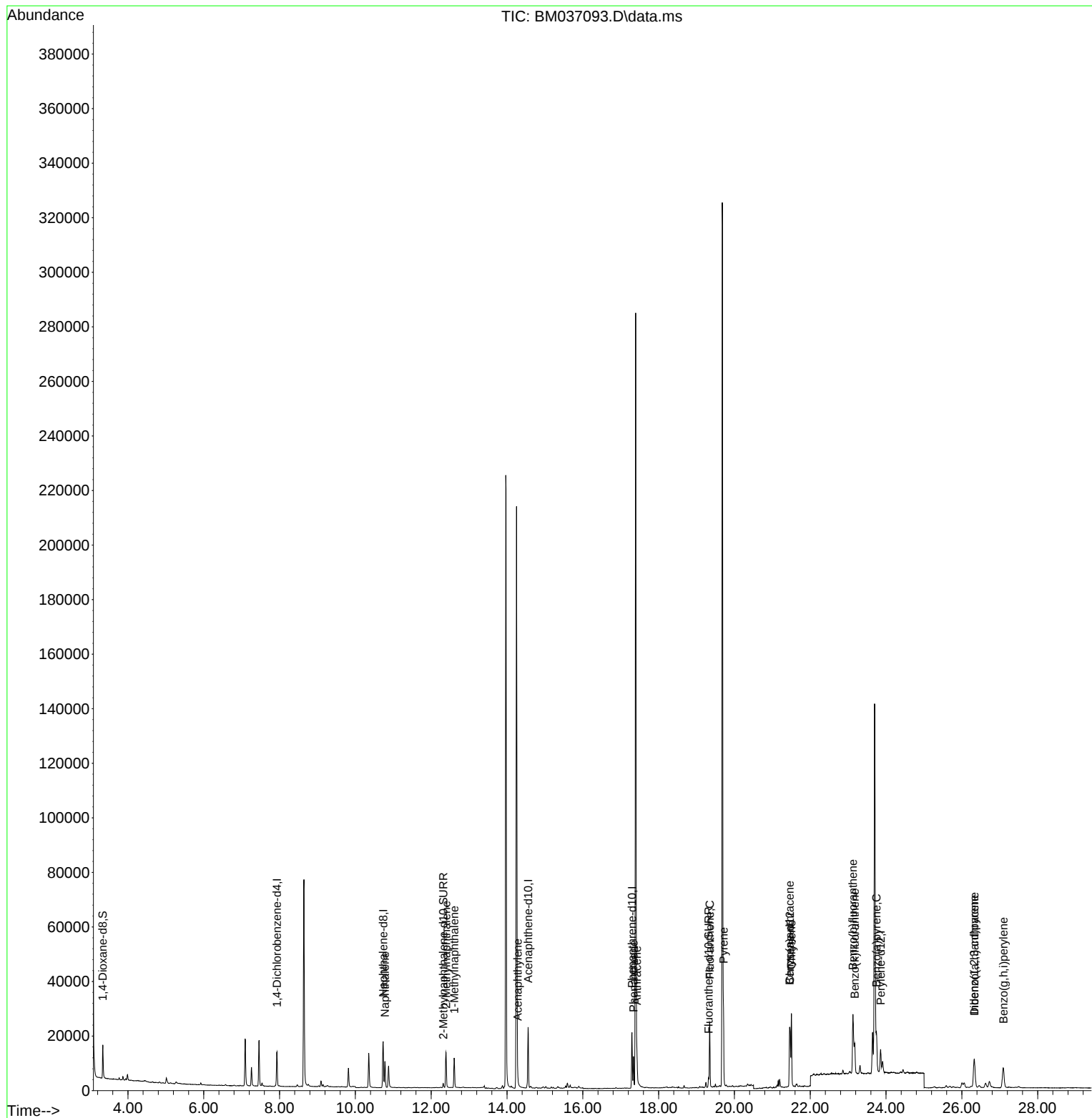
Quant Time: Oct 17 00:56:13 2022

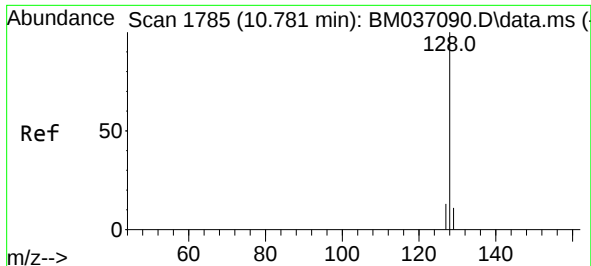
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Oct 15 04:13:53 2022

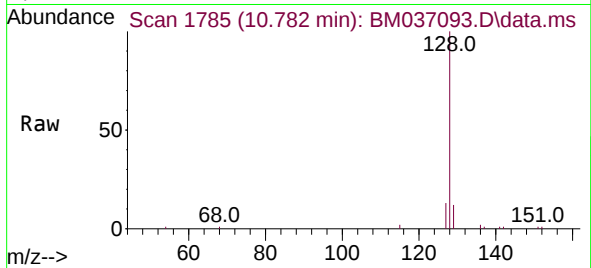
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.782 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

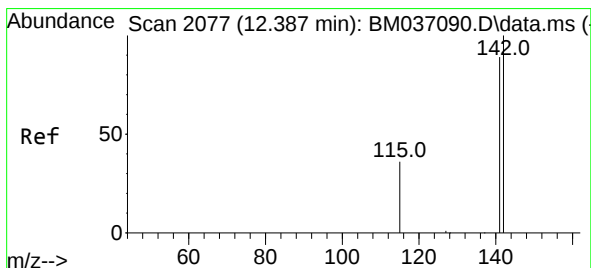
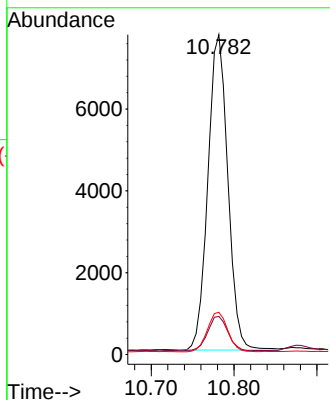
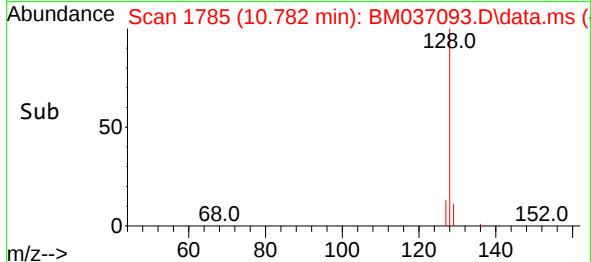
Instrument :
BNA_M
ClientSampleId :
COBM0DL



Tgt Ion:128 Resp: 12914
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.2 11.7 17.5

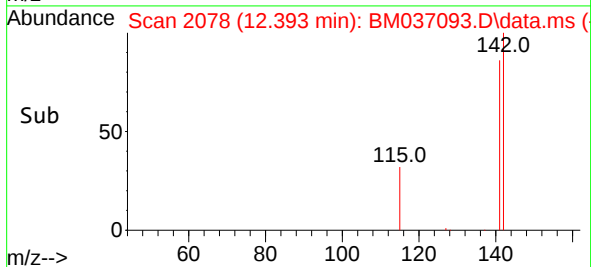
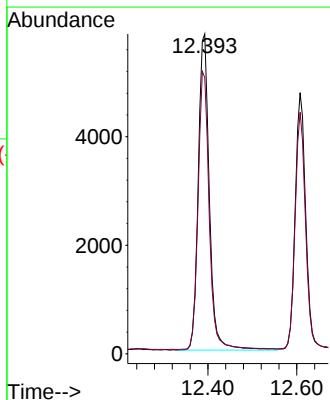
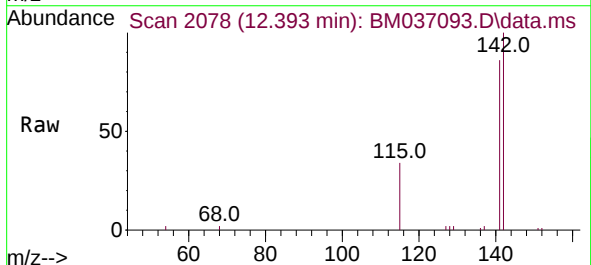
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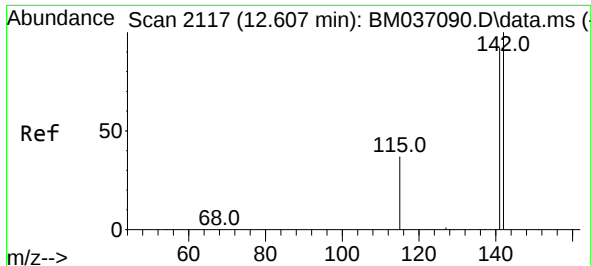
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

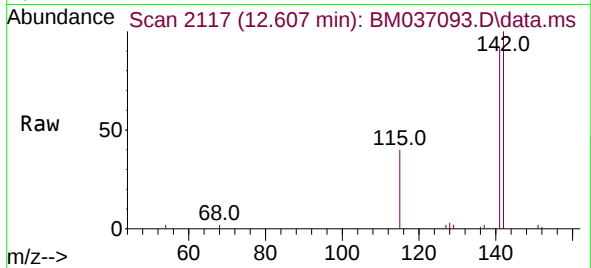
Tgt Ion:142 Resp: 10107
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

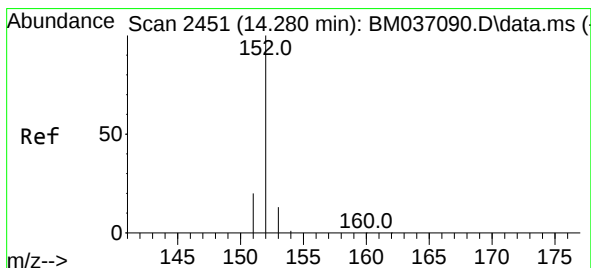
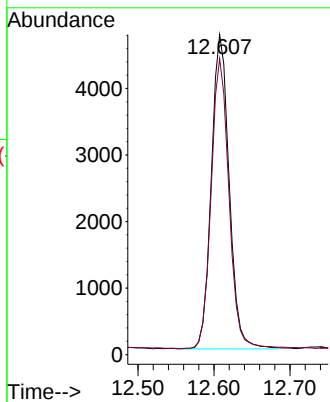
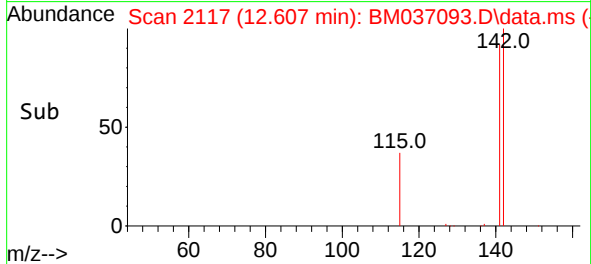
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 7724
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

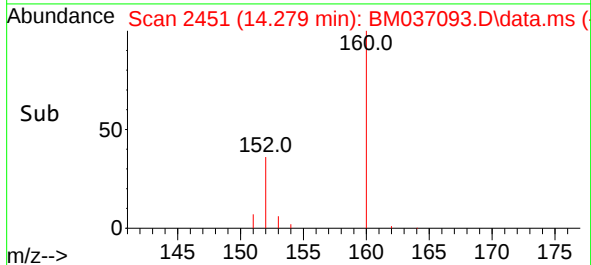
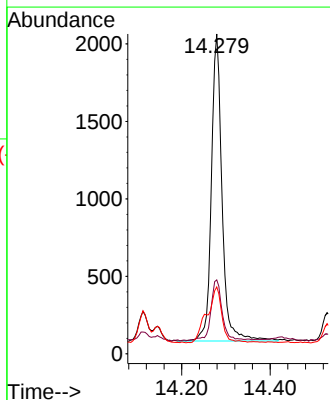
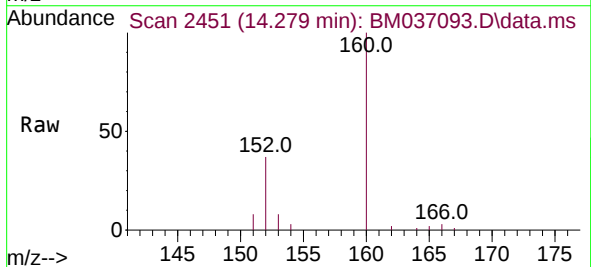
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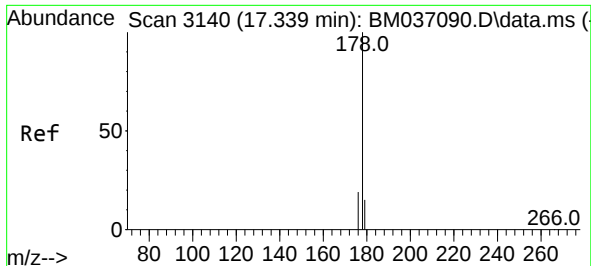
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

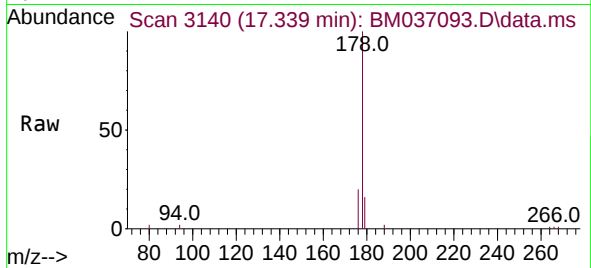
Tgt Ion:152 Resp: 3322
Ion Ratio Lower Upper
152 100
151 23.1 16.6 24.8
153 20.9 11.4 17.0#





#15
Phenanthrene
Concen: 0.170 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

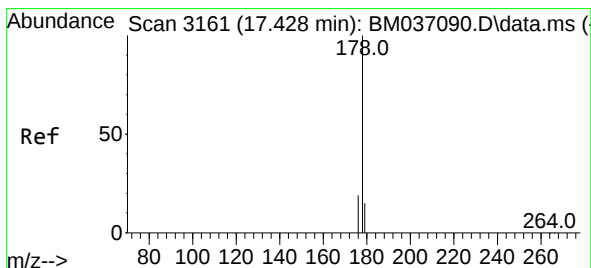
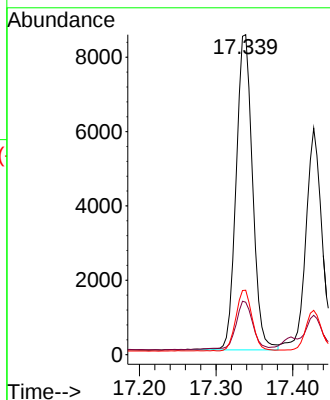
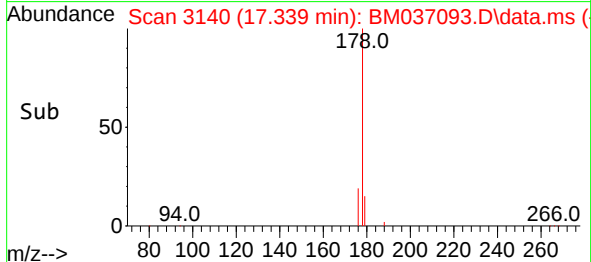
Instrument :
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ClientSampleId :
COBM0DL



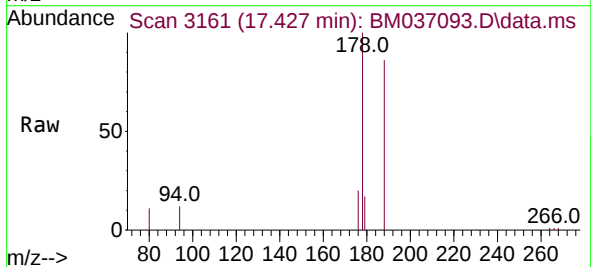
Tgt Ion:178 Resp: 12636
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.1 15.6 23.4

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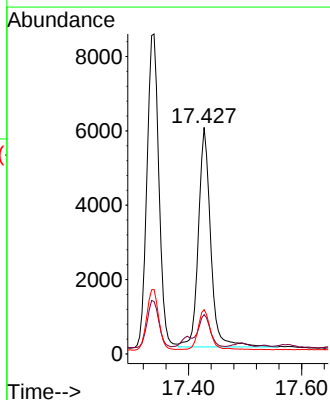
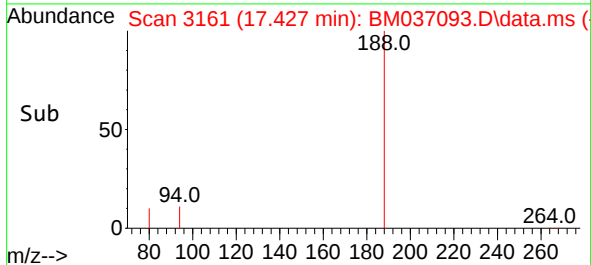
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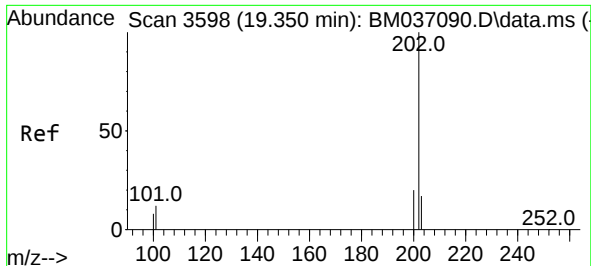


#16
Anthracene
Concen: 0.142 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47



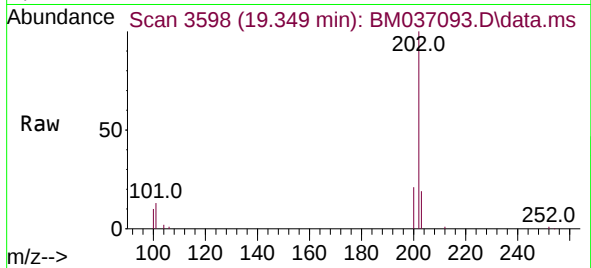
Tgt Ion:178 Resp: 8850
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 19.5 15.6 23.4





#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

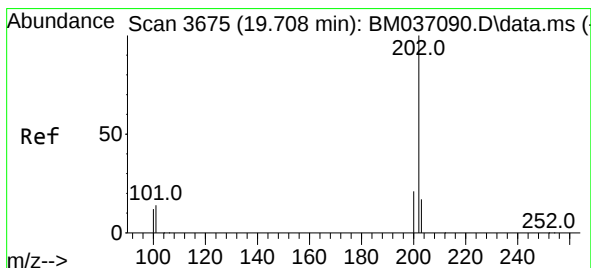
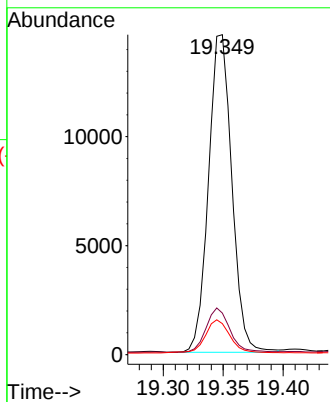
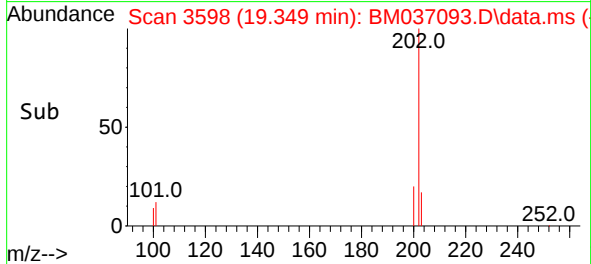
Instrument :
BNA_M
ClientSampleId :
COBM0DL



Tgt Ion:202 Resp: 19799
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.7 7.9 11.9

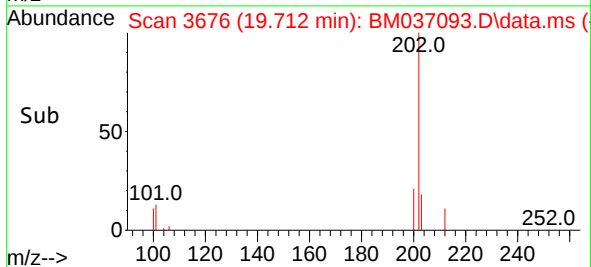
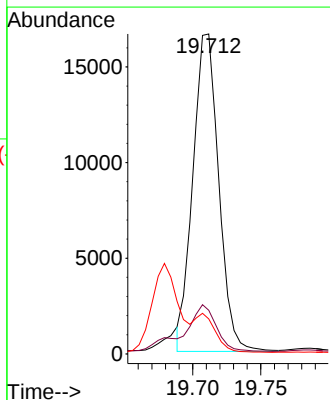
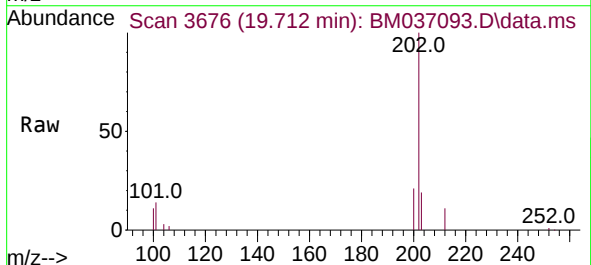
Manual Integrations
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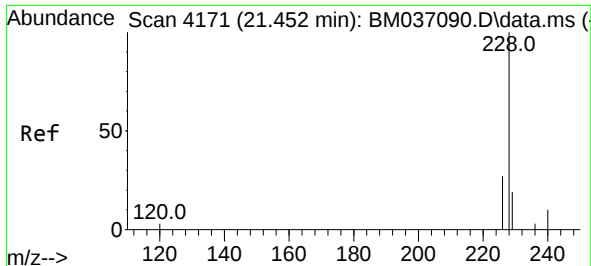
Reviewed By :Jagrut Upadhyay 10/17/2022
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#20
Pyrene
Concen: 0.370 ng/ul m
RT: 19.712 min Scan# 3676
Delta R.T. 0.004 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

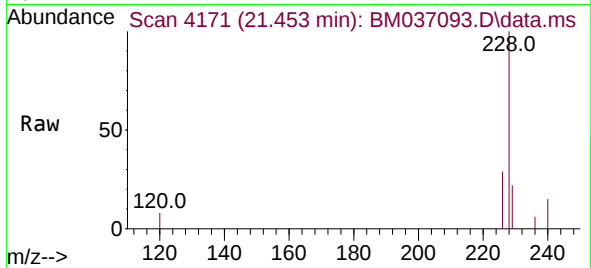
Tgt Ion:202 Resp: 21953
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.305 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

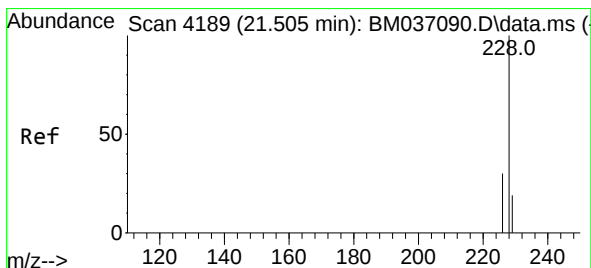
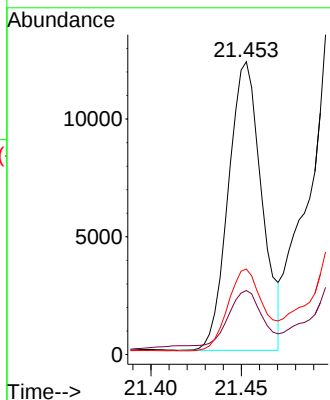
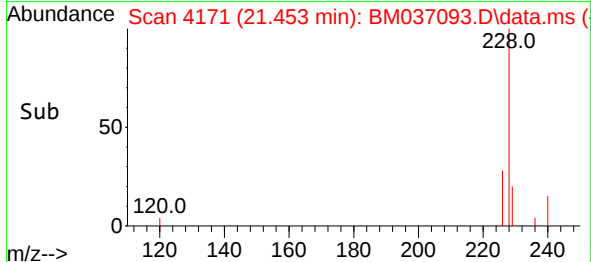
Instrument :
BNA_M
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COBM0DL



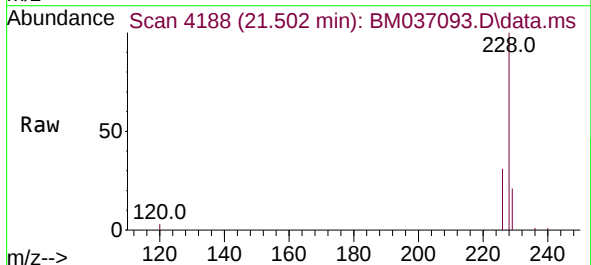
Tgt Ion:228 Resp: 15761
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 29.2 22.5 33.7

Manual Integrations
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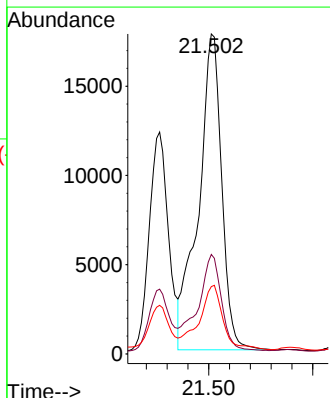
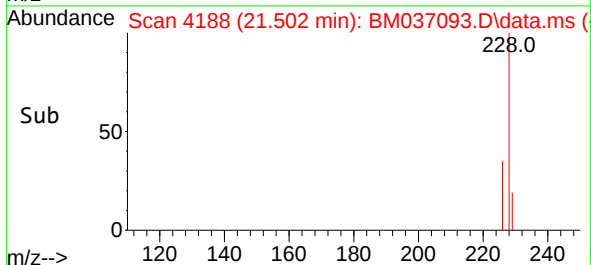
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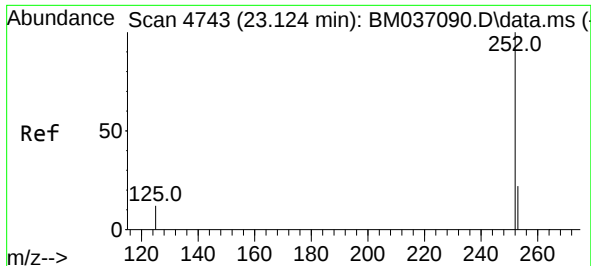


#22
Chrysene
Concen: 0.495 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47



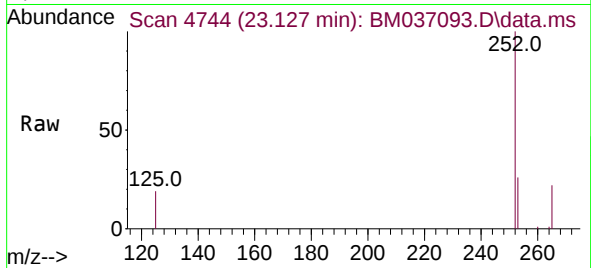
Tgt Ion:228 Resp: 27491
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.748 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

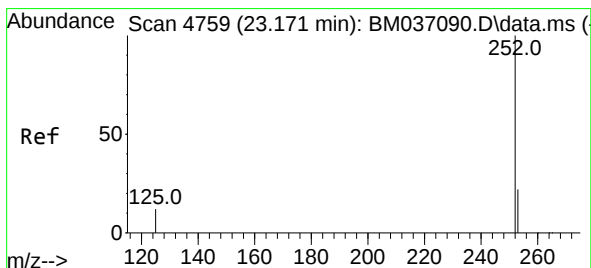
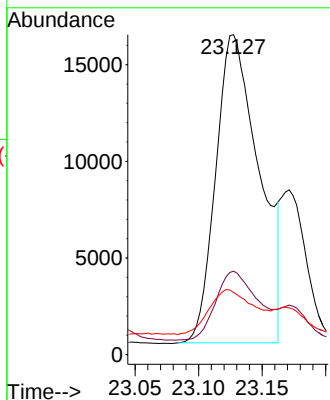
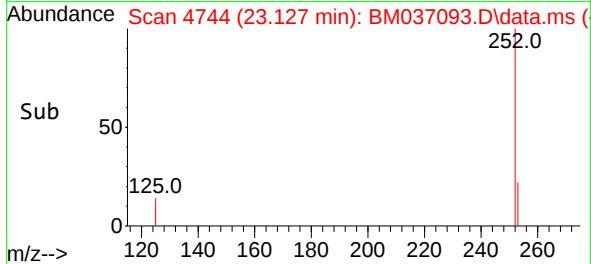
Instrument :
BNA_M
ClientSampleId :
COBM0DL



Tgt Ion:252 Resp: 37995
Ion Ratio Lower Upper
252 100
253 26.1 0.0 61.4
125 19.4 0.0 42.6

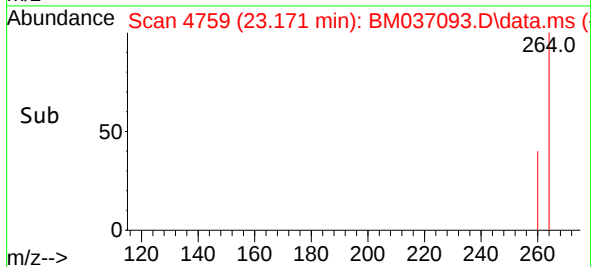
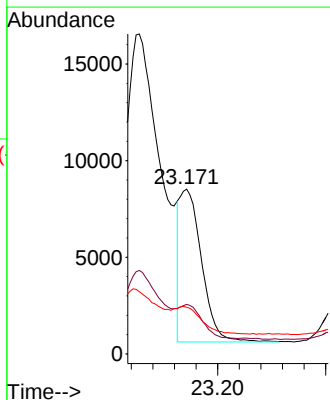
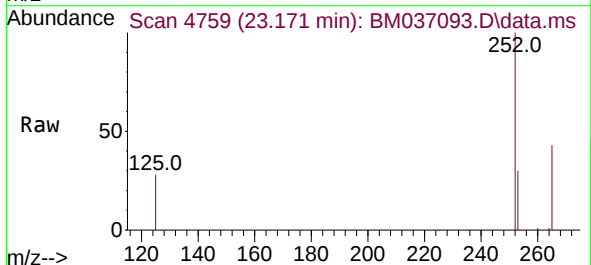
Manual Integrations
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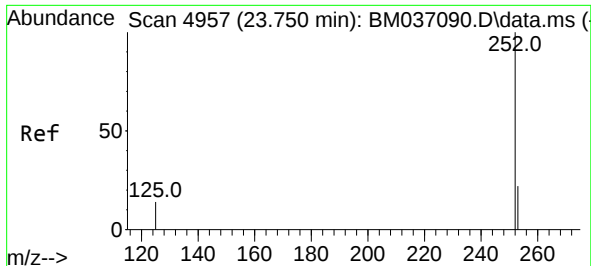
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.223 ng/ul m
RT: 23.171 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

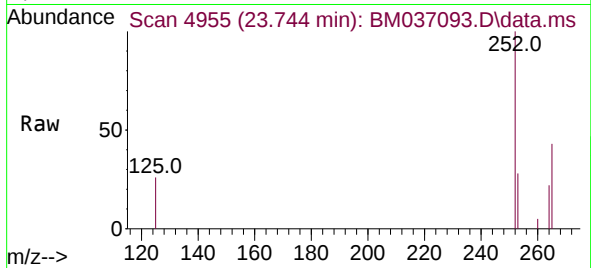
Tgt Ion:252 Resp: 11040
Ion Ratio Lower Upper
252 100
253 30.1 25.2 37.8
125 28.3 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.744 min Scan# 4957
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

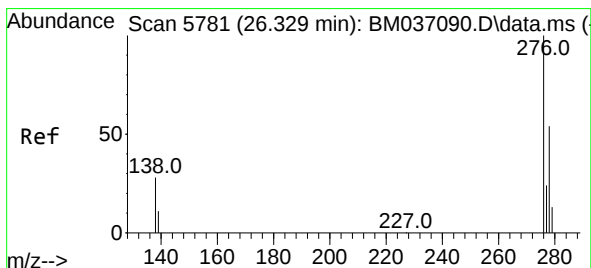
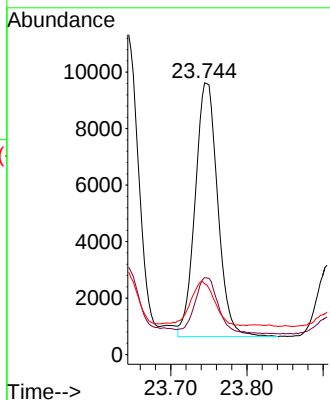
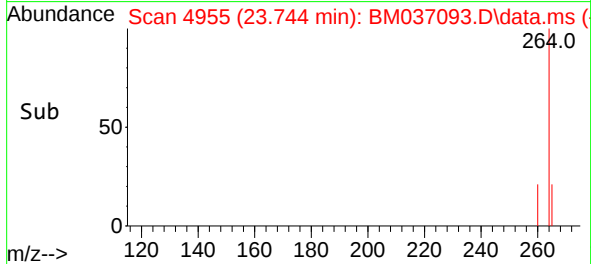
Instrument :
BNA_M
ClientSampleId :
COBM0DL



Tgt Ion:252 Resp: 18496
Ion Ratio Lower Upper
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125 26.1 23.6 35.4

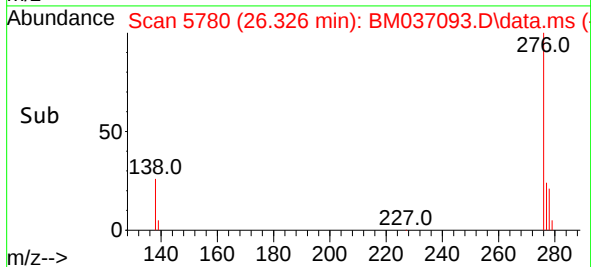
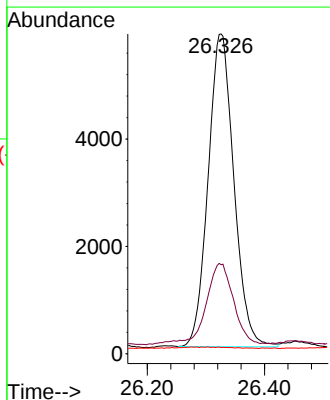
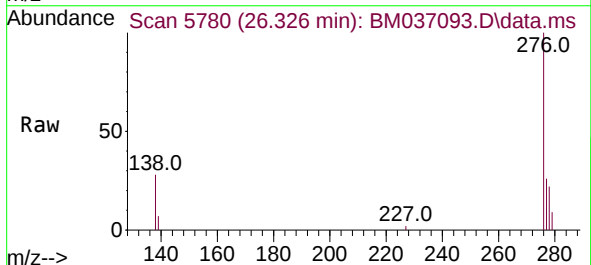
Manual Integrations
APPROVED

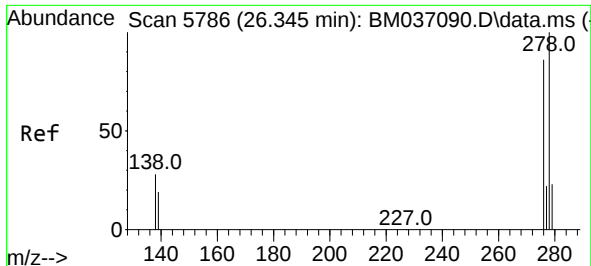
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:276 Resp: 17776
Ion Ratio Lower Upper
276 100
138 28.0 23.9 35.9
227 0.0 0.1 0.1#





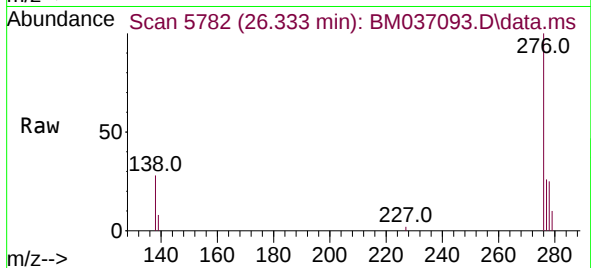
#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.333 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Instrument :

BNA_M

ClientSampleId :

COBM0DL

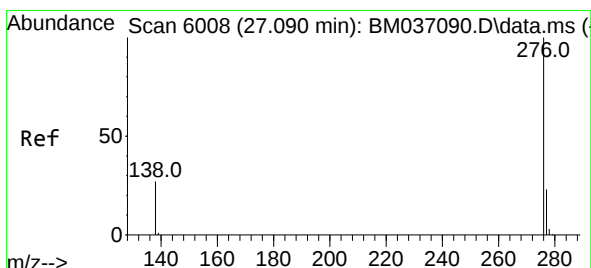
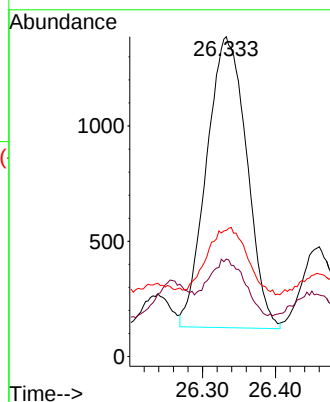


Tgt Ion:278 Resp: 4820
Ion Ratio Lower Upper
278 100
139 30.5 19.8 29.6
279 39.4 27.7 41.5

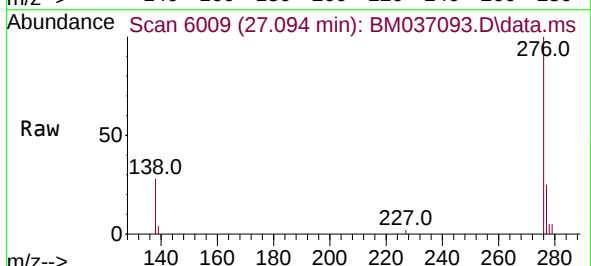
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.006 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47



Tgt Ion:276 Resp: 16441
Ion Ratio Lower Upper
276 100
138 28.2 23.4 35.0
277 25.1 21.0 31.4

