

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037174.D
 Acq On : 21 Oct 2022 15:12
 Operator : CG/JU
 Sample : N4984-20DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 02:33:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	3938	0.400	ng/ul	0.00
4) Naphthalene-d8	10.705	136	12617	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.534	164	7365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.275	188	15688	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	14387	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	12234	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3857	0.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	912	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.299	212	2447	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.754	128	2224	0.060	ng/ul#	88
10) Acenaphthylene	14.256	152	3869	0.122	ng/ul	97
11) Acenaphthene	14.598	153	696	0.024	ng/ul	99
12) Fluorene	15.584	166	3076	0.092	ng/ul#	99
15) Phenanthrene	17.318	178	73258	1.383	ng/ul	98
16) Anthracene	17.406	178	35694	0.851	ng/ul	99
19) Fluoranthene	19.327	202	215912	3.455	ng/ul	100
20) Pyrene	19.689	202	180889m	2.855	ng/ul	
21) Benzo(a)anthracene	21.433	228	124092	2.223	ng/ul	97
22) Chrysene	21.485	228	105788	1.647	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	116440	1.797	ng/ul	95
25) Benzo(k)fluoranthene	23.145	252	46929m	0.749	ng/ul	
26) Benzo(a)pyrene	23.719	252	92854	1.785	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.279	276	42093	0.579	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.296	278	11675	0.204	ng/ul#	91
29) Benzo(g,h,i)perylene	27.041	276	27564	0.431	ng/ul	99

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

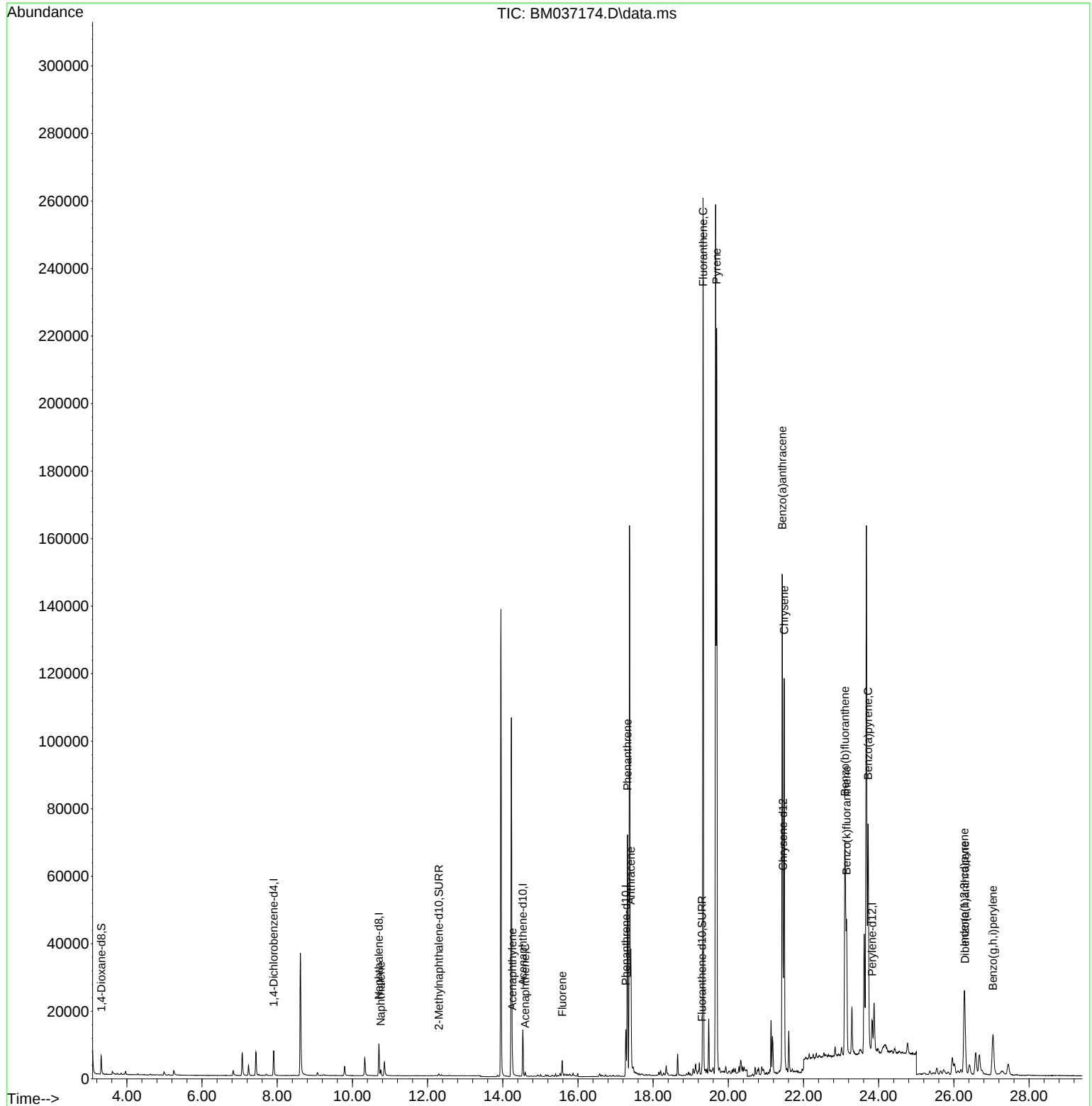
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037174.D
Acq On : 21 Oct 2022 15:12
Operator : CG/JU
Sample : N4984-20DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

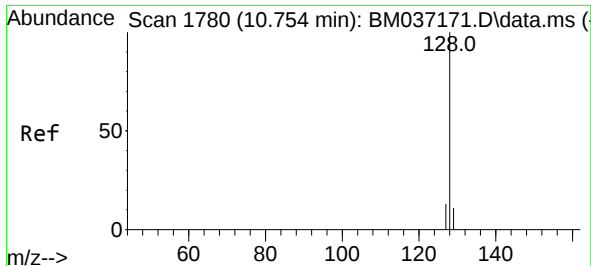
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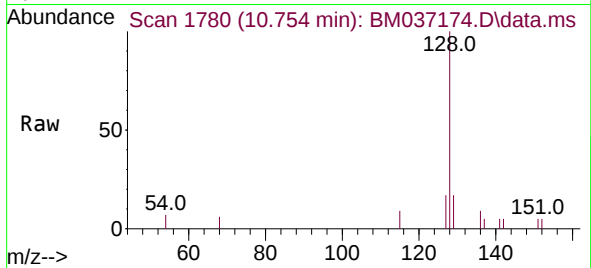
Quant Time: Oct 22 02:33:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/u1
RT: 10.754 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

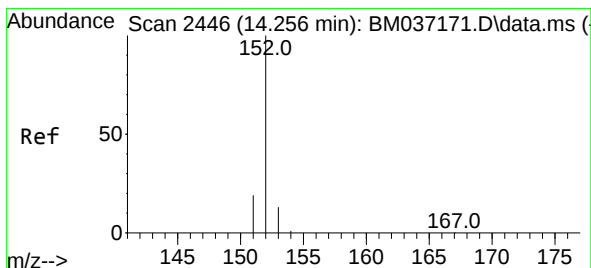
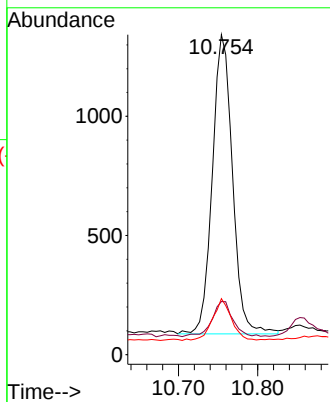
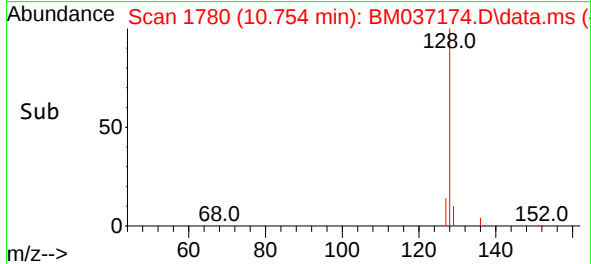
Instrument :
BNA_M
ClientSampleId :
BGNC6DL



Tgt Ion:128 Resp: 2224
Ion Ratio Lower Upper
128 100
129 16.6 9.3 13.9
127 17.5 10.5 15.7

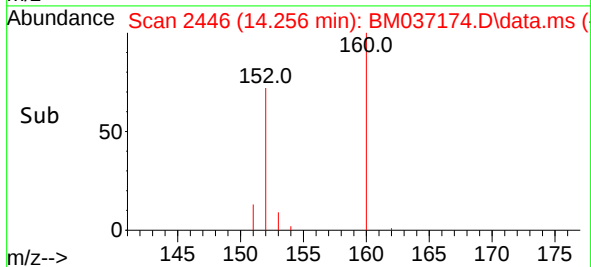
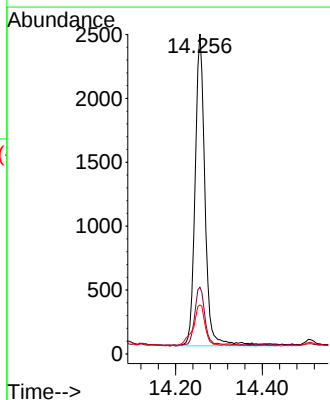
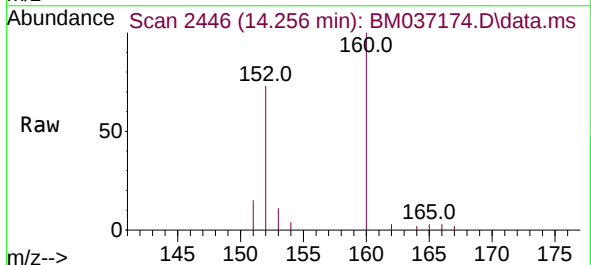
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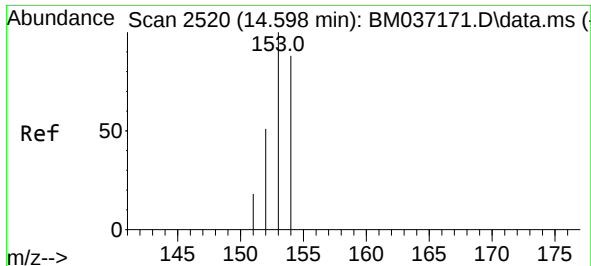
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.122 ng/u1
RT: 14.256 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

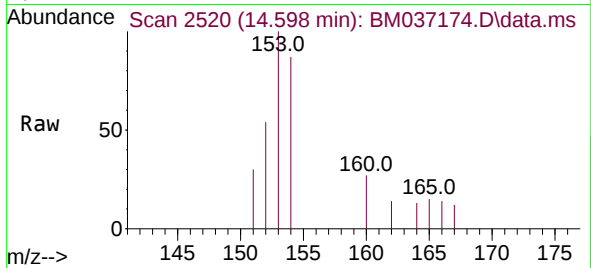
Tgt Ion:152 Resp: 3869
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.3 10.8 16.2





#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.598 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

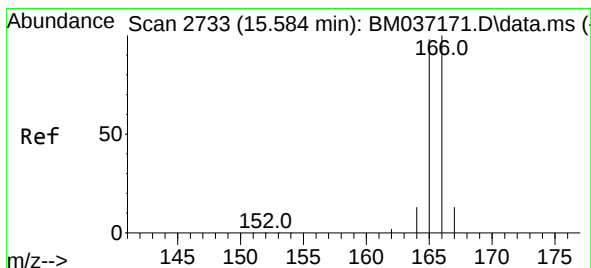
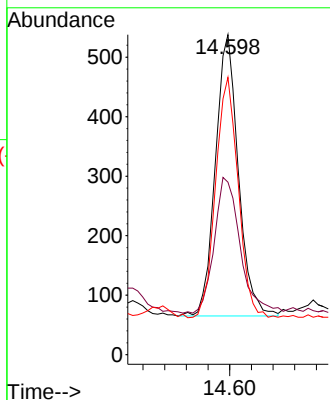
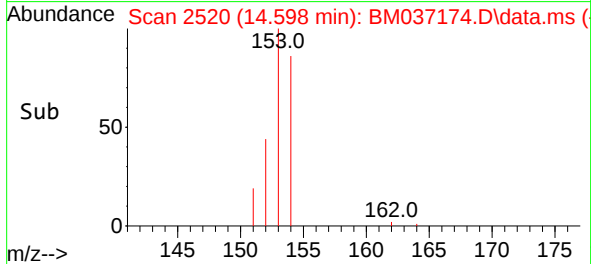
Instrument :
BNA_M
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BGNC6DL



Tgt Ion:153 Resp: 696
Ion Ratio Lower Upper
153 100
152 53.9 43.3 64.9
154 86.6 70.0 105.0

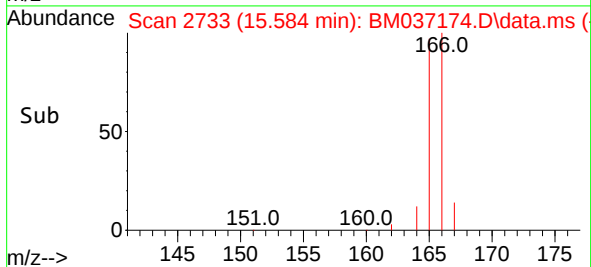
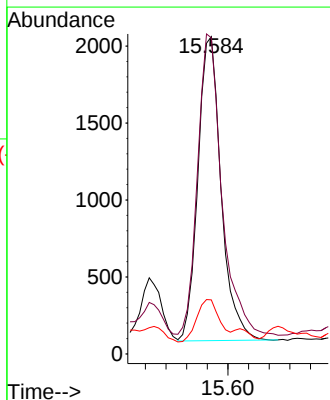
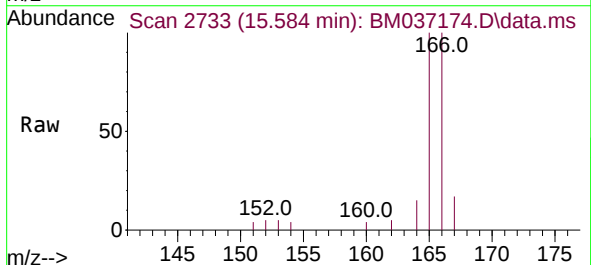
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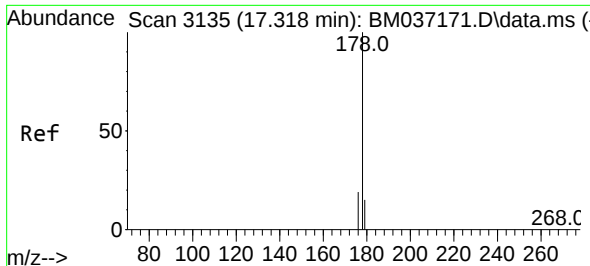
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.584 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

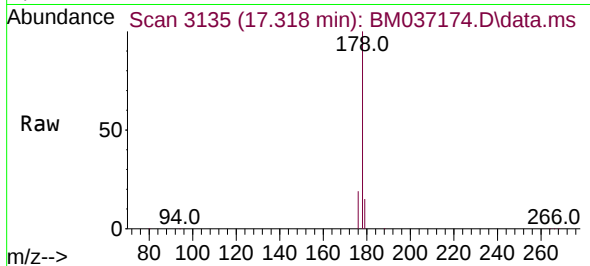
Tgt Ion:166 Resp: 3076
Ion Ratio Lower Upper
166 100
165 99.7 79.4 119.2
167 17.0 11.3 16.9#





#15
Phenanthrene
Concen: 1.383 ng/u1
RT: 17.318 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

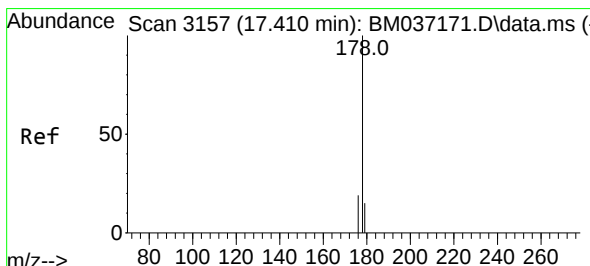
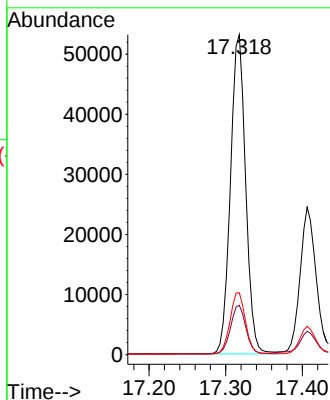
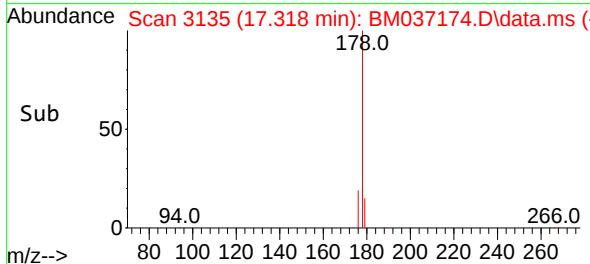
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 73258
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 16.1 24.1

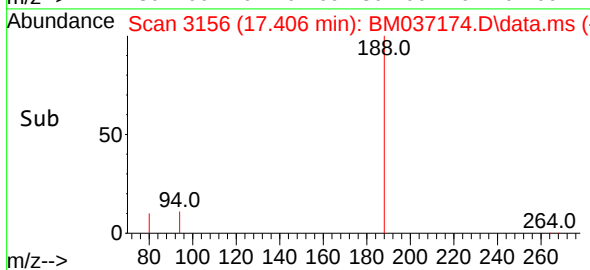
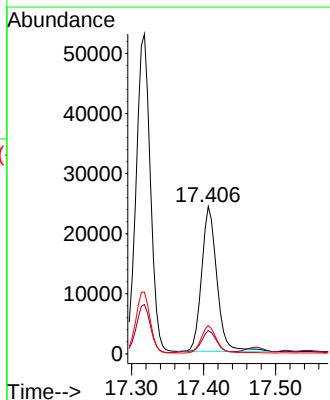
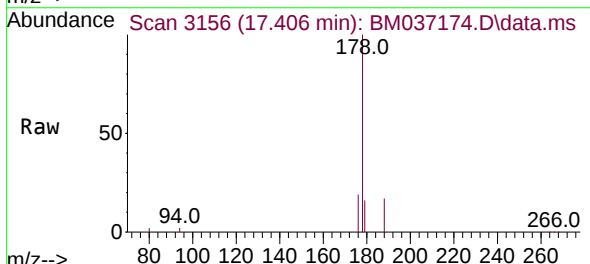
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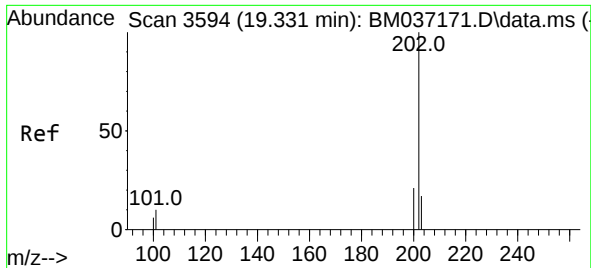
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.851 ng/u1
RT: 17.406 min Scan# 3156
Delta R.T. -0.008 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

Tgt Ion:178 Resp: 35694
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.2 15.3 22.9





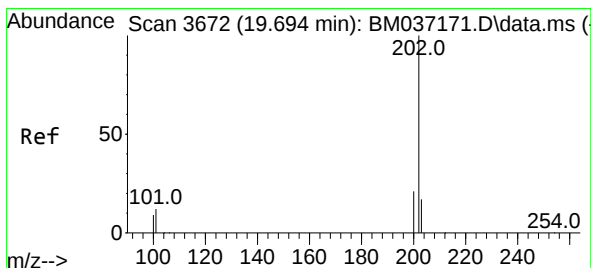
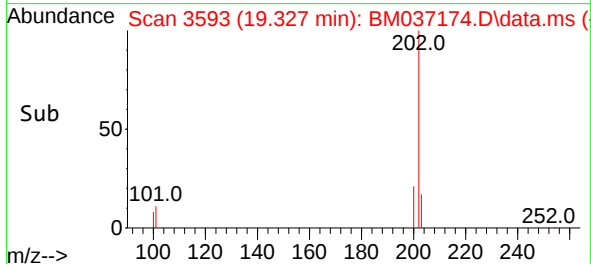
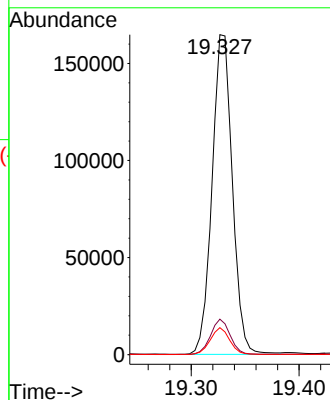
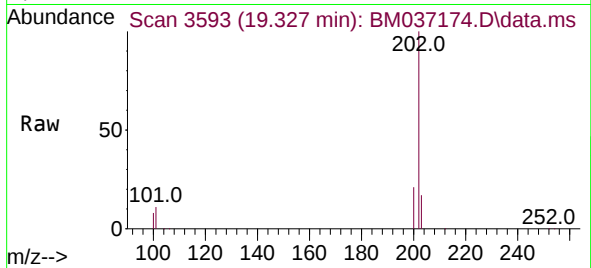
#19
Fluoranthene
Concen: 3.455 ng/ul
RT: 19.327 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

Instrument :
BNA_M
ClientSampleId :
BGNC6DL

Tgt Ion:202 Resp: 215912
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.4 6.9 10.3

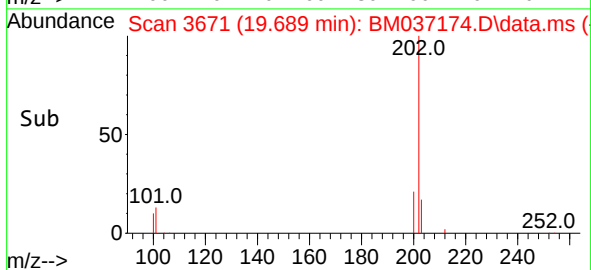
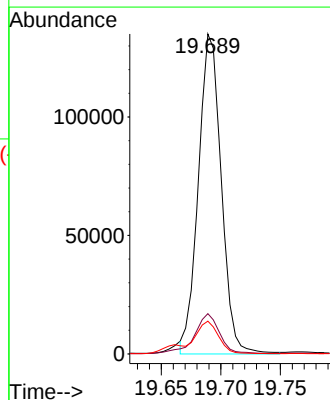
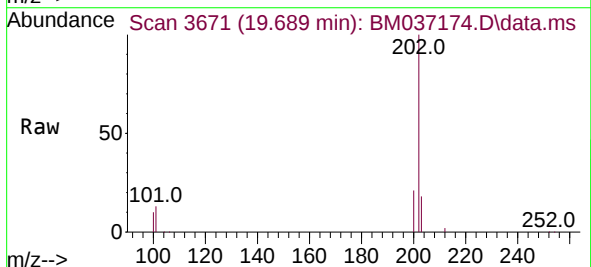
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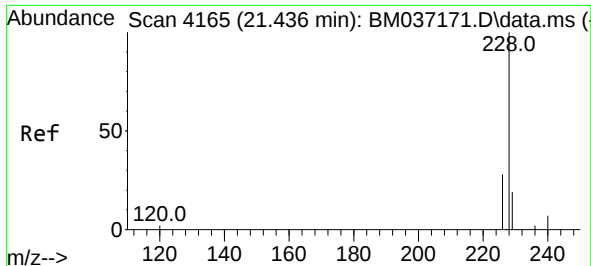
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 2.855 ng/ul m
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

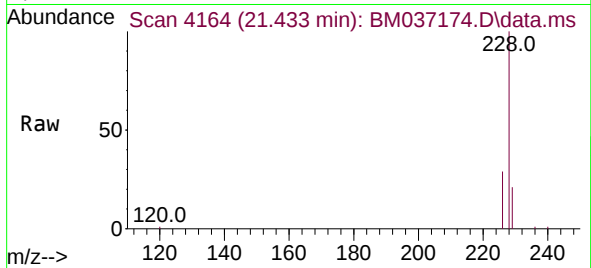
Tgt Ion:202 Resp: 180889
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 10.2 7.8 11.8





#21
Benzo(a)anthracene
Concen: 2.223 ng/ul
RT: 21.433 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

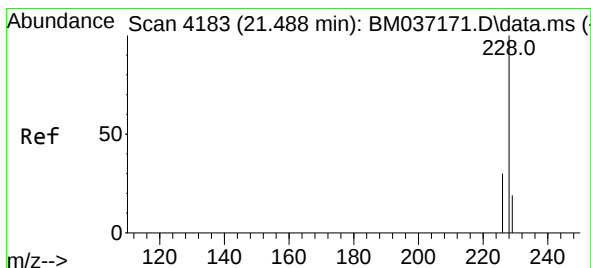
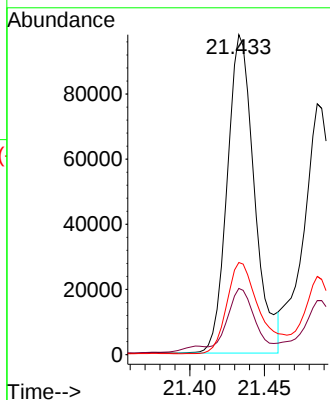
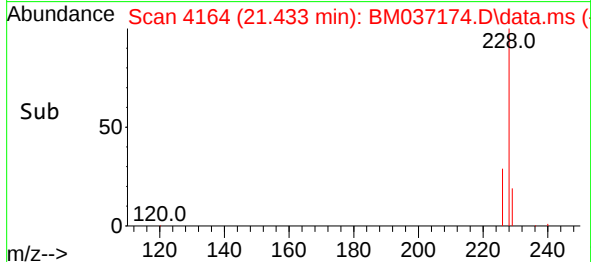
Instrument :
BNA_M
ClientSampleId :
BGNC6DL



Tgt Ion:228 Resp: 124092
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.8 21.8 32.8

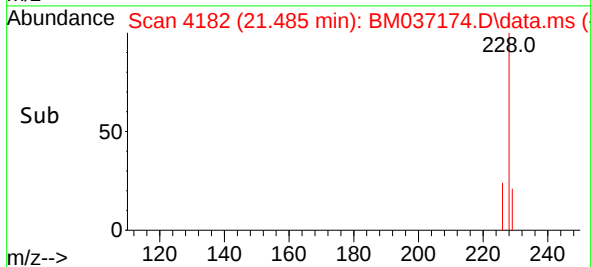
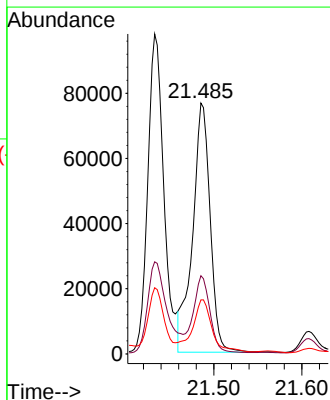
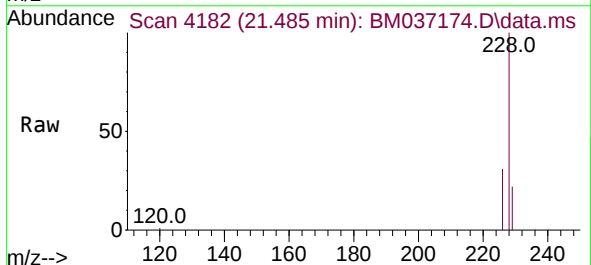
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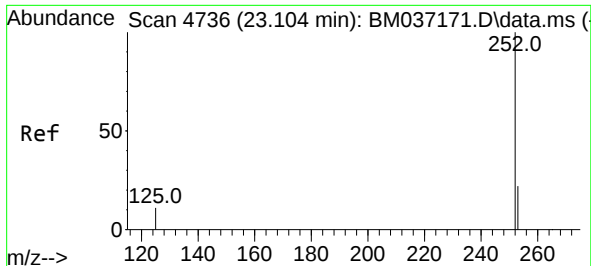
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 1.647 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

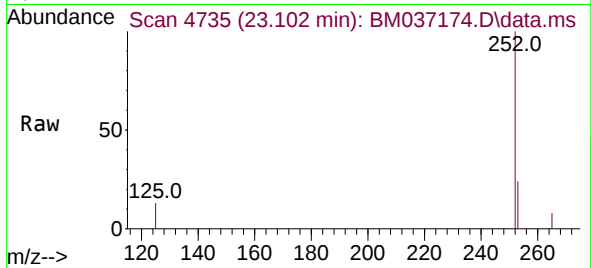
Tgt Ion:228 Resp: 105788
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 21.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.797 ng/ul
RT: 23.102 min Scan# 4735
Delta R.T. -0.009 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

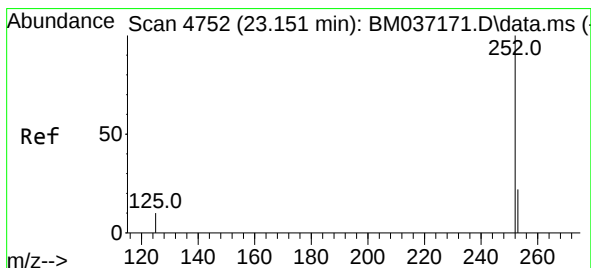
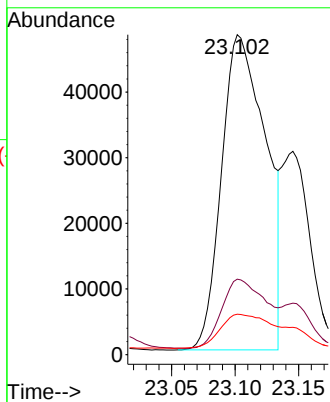
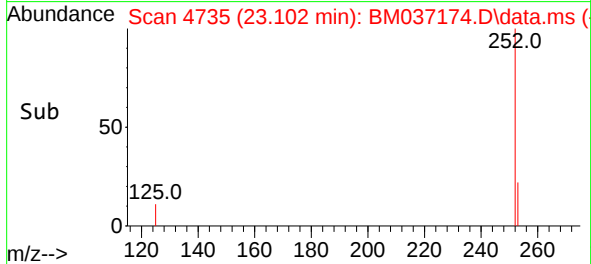
Instrument :
BNA_M
ClientSampleId :
BGNC6DL



Tgt Ion:252 Resp: 116440
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.6
125 12.6 0.0 32.6

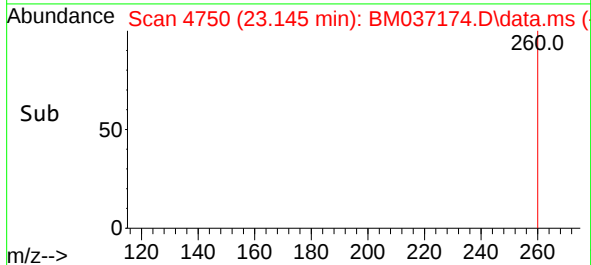
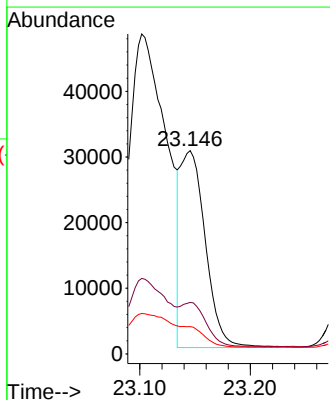
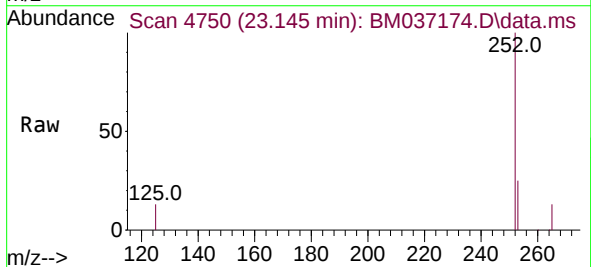
Manual Integrations
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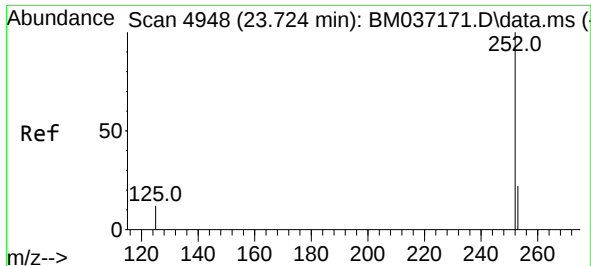
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.749 ng/ul m
RT: 23.145 min Scan# 4750
Delta R.T. -0.011 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

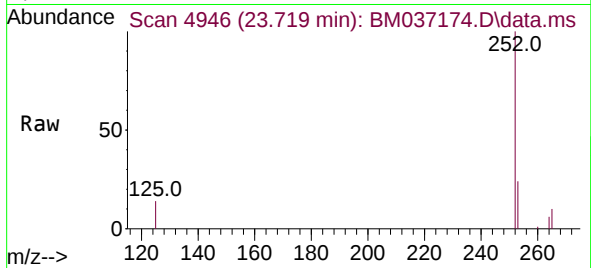
Tgt Ion:252 Resp: 46929
Ion Ratio Lower Upper
252 100
253 25.3 20.6 30.8
125 13.4 13.3 19.9





#26
Benzo(a)pyrene
Concen: 1.785 ng/ul
RT: 23.719 min Scan# 4948
Delta R.T. -0.011 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

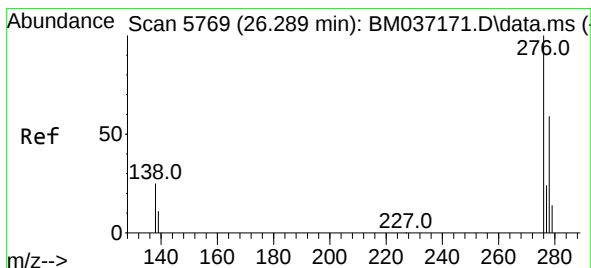
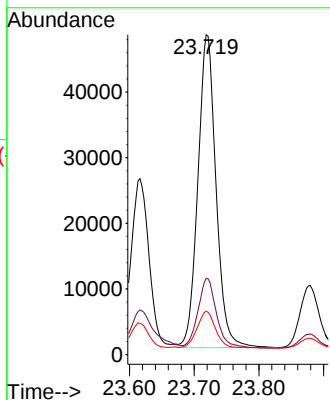
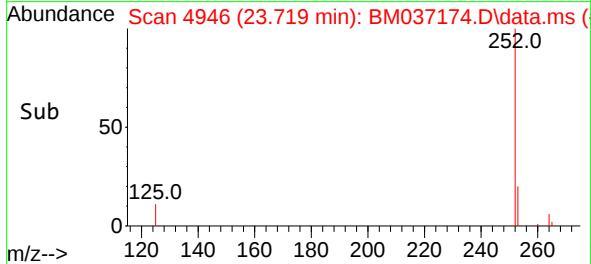
Instrument :
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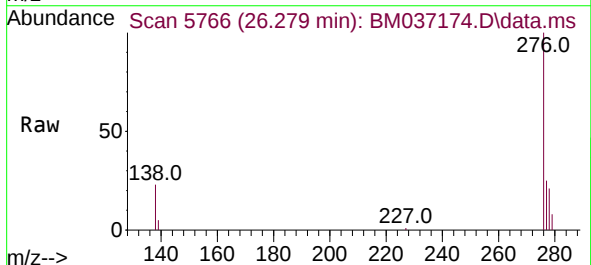
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Ion Ratio Lower Upper
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253 23.8 22.1 33.1
125 13.6 17.6 26.4

Manual Integrations
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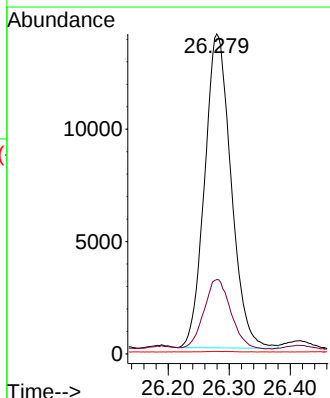
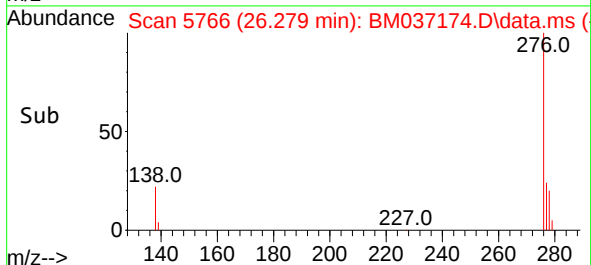
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

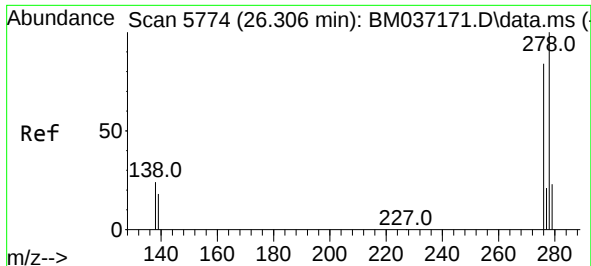


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.579 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12



Tgt Ion:276 Resp: 42093
Ion Ratio Lower Upper
276 100
138 22.7 21.4 32.0
227 0.2 0.1 0.1





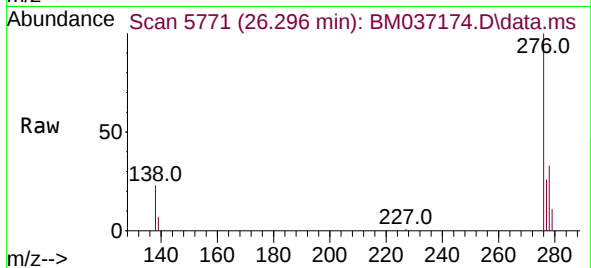
#28
Dibenzo(a,h)anthracene
Concen: 0.204 ng/ul
RT: 26.296 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12

Instrument :

BNA_M

ClientSampleId :

BGNC6DL

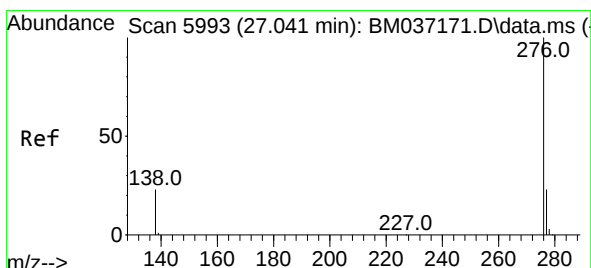
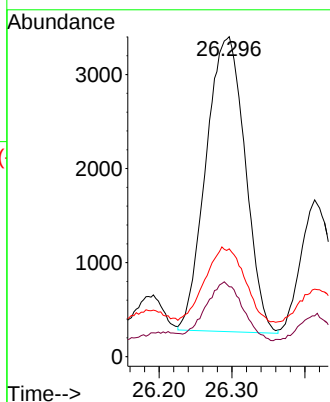
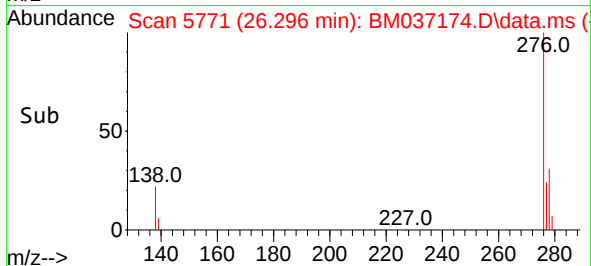


Tgt Ion:278 Resp: 11675
Ion Ratio Lower Upper
278 100
139 21.8 16.3 24.5
279 33.7 21.5 32.3

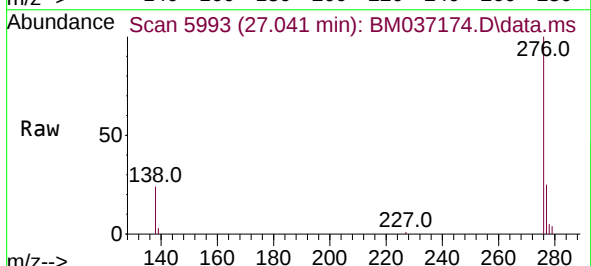
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.041 min Scan# 5993
Delta R.T. -0.017 min
Lab File: BM037174.D
Acq: 21 Oct 2022 15:12



Tgt Ion:276 Resp: 27564
Ion Ratio Lower Upper
276 100
138 23.7 19.8 29.8
277 25.0 20.1 30.1

