

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037167.D
 Acq On : 21 Oct 2022 09:50
 Operator : CG/JU
 Sample : N5015-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C1BG4

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 02:31:14 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	5150	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	16703	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.534	164	10215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	21529	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	17475	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	14234	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	26599	4.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	6188	0.261	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	14725	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	8550	0.173	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	6012	0.203	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	4202	0.139	ng/ul	100
10) Acenaphthylene	14.257	152	2457	0.056	ng/ul#	87
11) Acenaphthene	14.594	153	1654	0.042	ng/ul	99
12) Fluorene	15.580	166	2811	0.061	ng/ul#	97
15) Phenanthrene	17.314	178	42426	0.584	ng/ul	99
16) Anthracene	17.407	178	8491	0.148	ng/ul	97
19) Fluoranthene	19.327	202	105977	1.396	ng/ul	98
20) Pyrene	19.690	202	88678m	1.152	ng/ul	
21) Benzo(a)anthracene	21.432	228	40807	0.602	ng/ul	99
22) Chrysene	21.484	228	50954	0.653	ng/ul	99
24) Benzo(b)fluoranthene	23.101	252	60494	0.802	ng/ul	98
25) Benzo(k)fluoranthene	23.141	252	21399m	0.294	ng/ul	
26) Benzo(a)pyrene	23.717	252	33883	0.560	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.278	276	21406	0.253	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.292	278	4947	0.074	ng/ul#	80
29) Benzo(g,h,i)perylene	27.033	276	18016	0.242	ng/ul	99

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

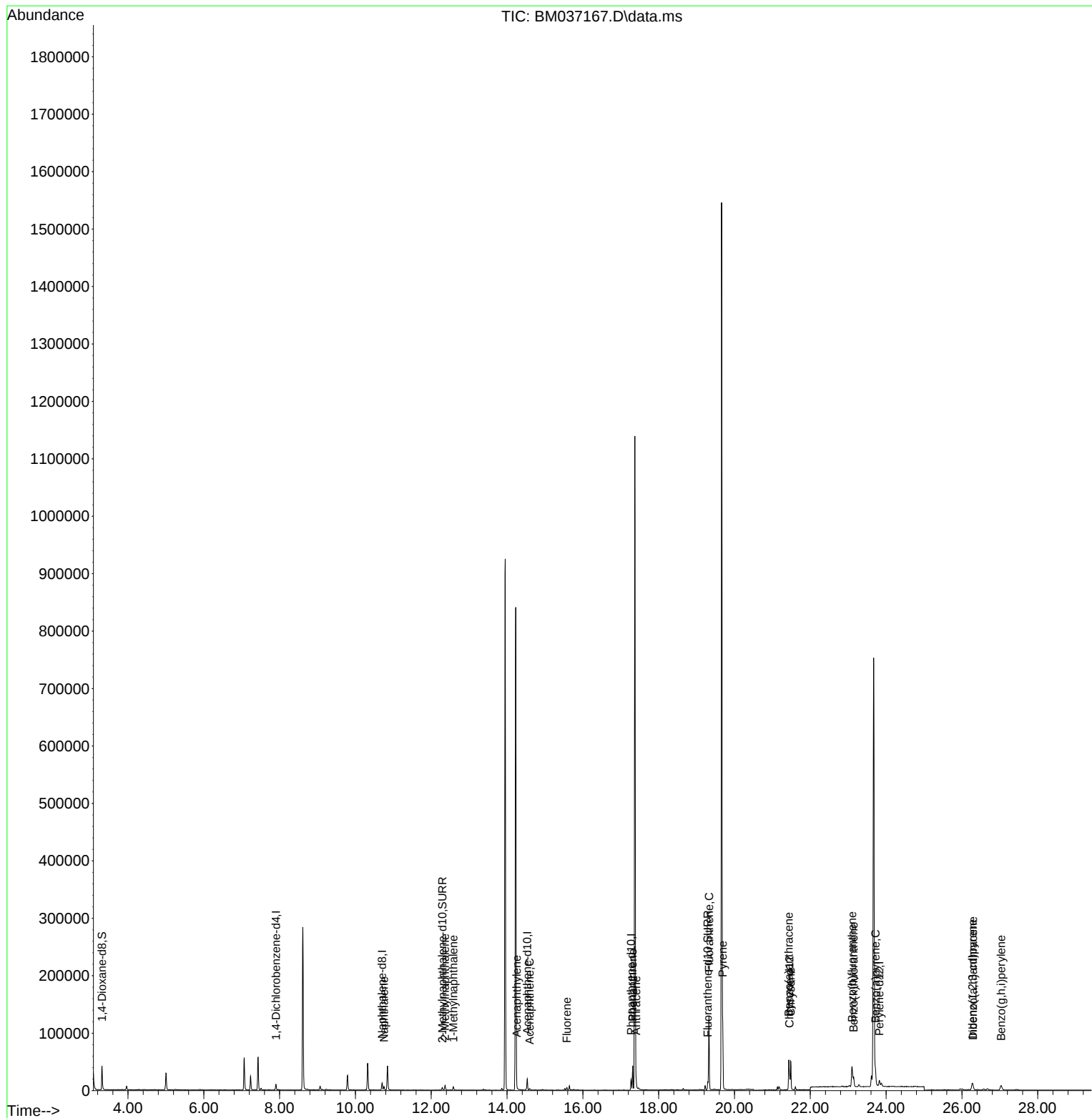
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037167.D
Acq On : 21 Oct 2022 09:50
Operator : CG/JU
Sample : N5015-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

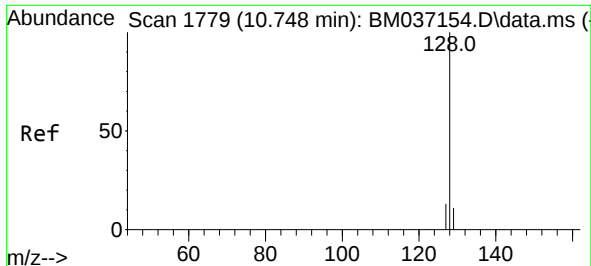
Instrument :
BNA_M
ClientSampleId :
C1BG4

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Supervised By :mohammad ahmed 10/24/2022

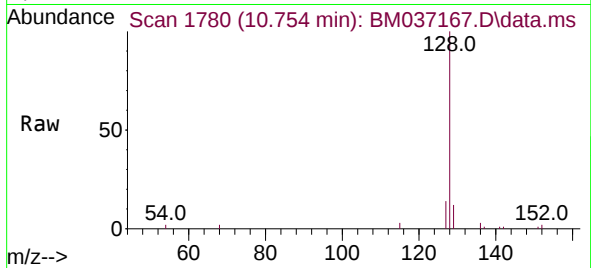
Quant Time: Oct 22 02:31:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

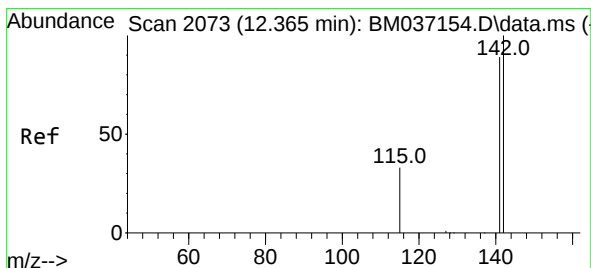
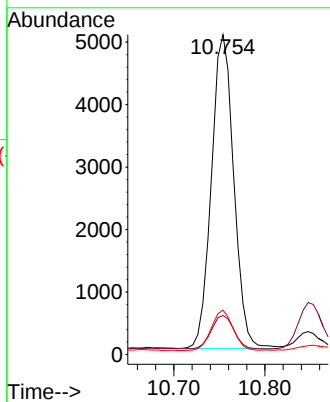
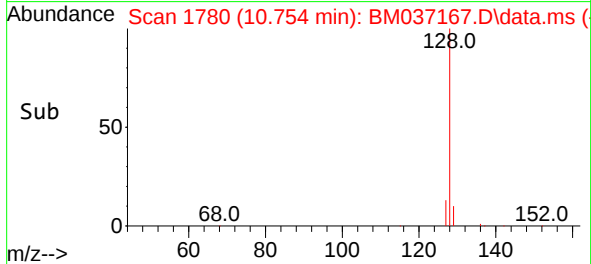
Instrument :
BNA_M
ClientSampleId :
C1BG4



Tgt Ion:128 Resp: 8550
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 13.9 10.5 15.7

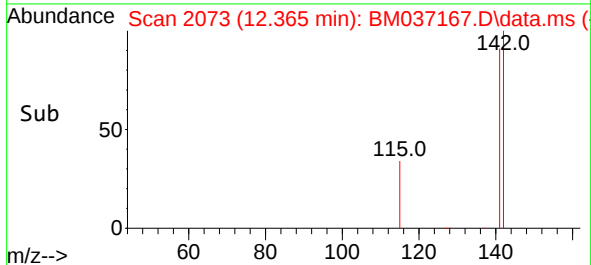
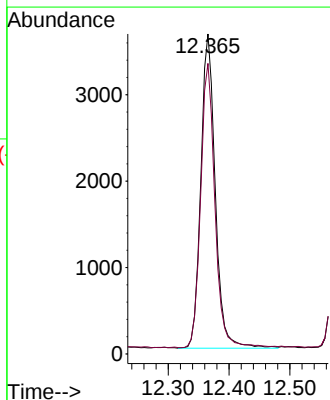
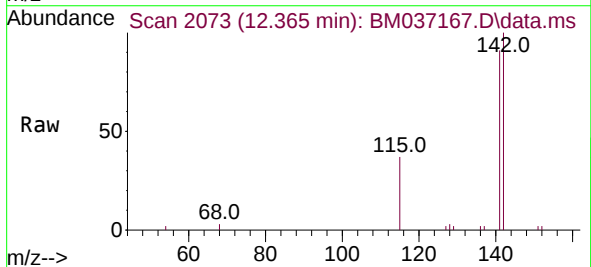
Manual Integrations
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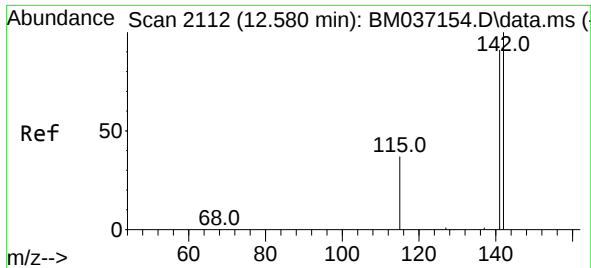
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

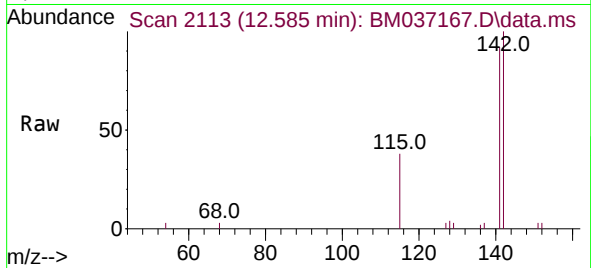
Tgt Ion:142 Resp: 6012
Ion Ratio Lower Upper
142 100
141 89.9 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.585 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

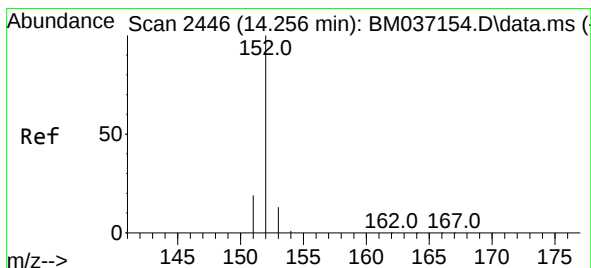
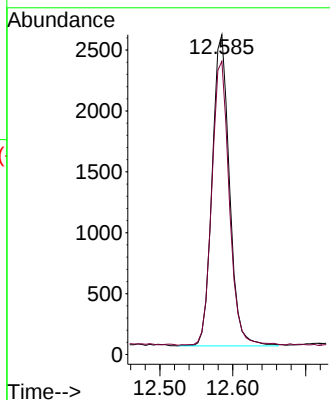
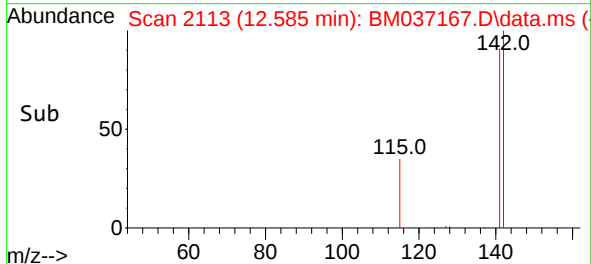
Instrument :
BNA_M
ClientSampleId :
C1BG4



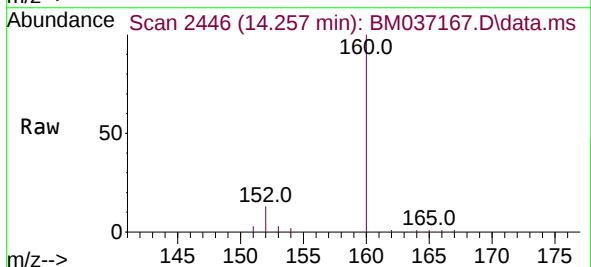
Tgt Ion:142 Resp: 4202
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4

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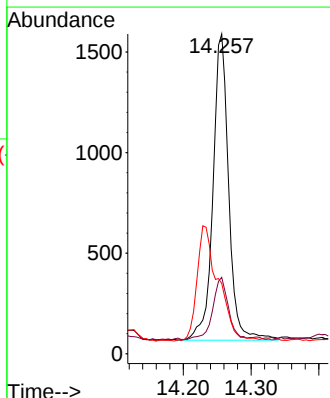
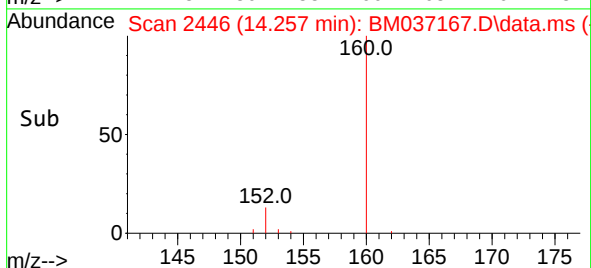
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

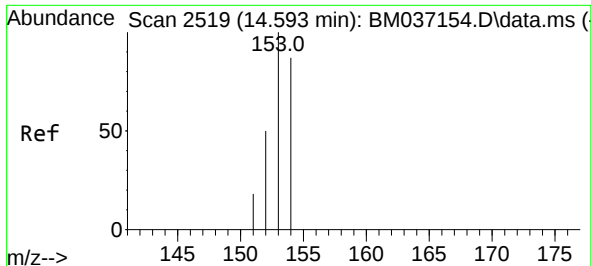


#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 14.257 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50



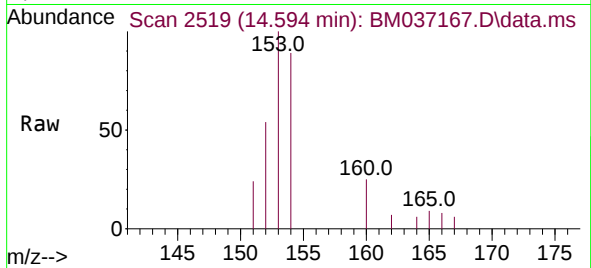
Tgt Ion:152 Resp: 2457
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.2
153 22.0 10.8 16.2#





#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.004 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

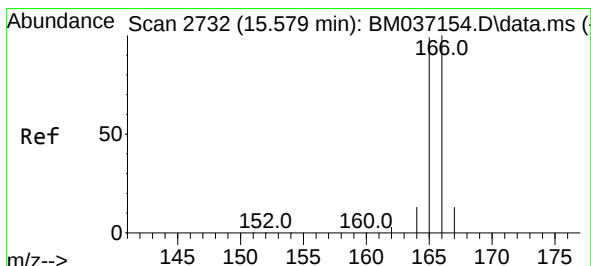
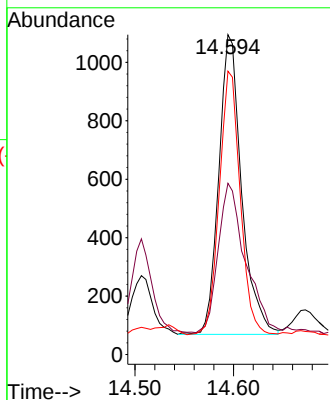
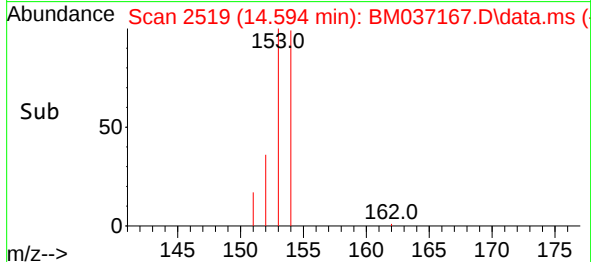
Instrument :
BNA_M
ClientSampleId :
C1BG4



Tgt Ion:153 Resp: 1654
Ion Ratio Lower Upper
153 100
152 53.5 43.3 64.9
154 88.6 70.0 105.0

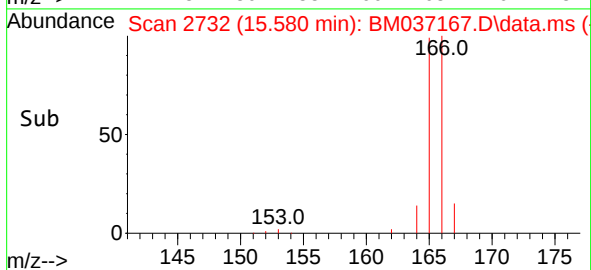
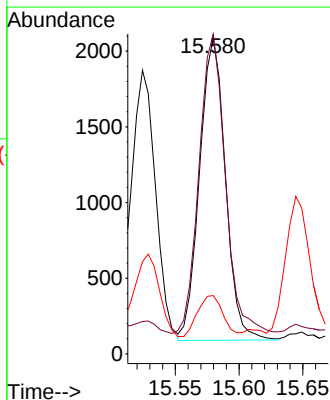
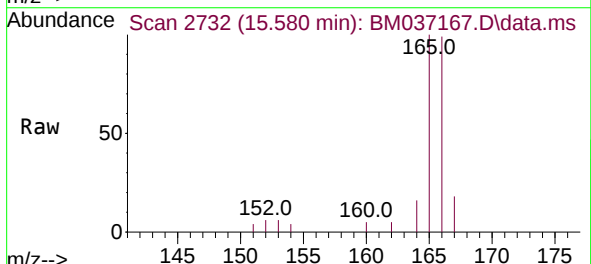
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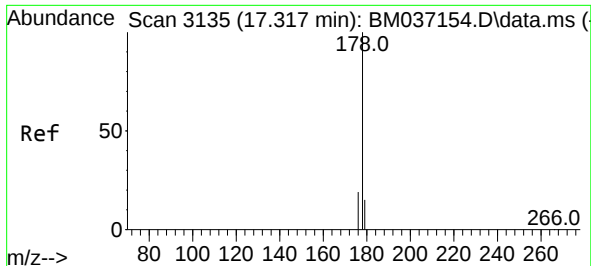
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.580 min Scan# 2732
Delta R.T. -0.004 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

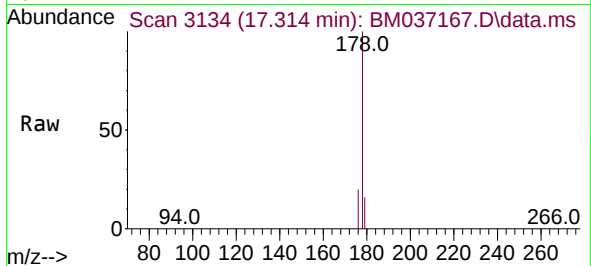
Tgt Ion:166 Resp: 2811
Ion Ratio Lower Upper
166 100
165 101.1 79.4 119.2
167 18.5 11.3 16.9#





#15
Phenanthrene
Concen: 0.584 ng/ul
RT: 17.314 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

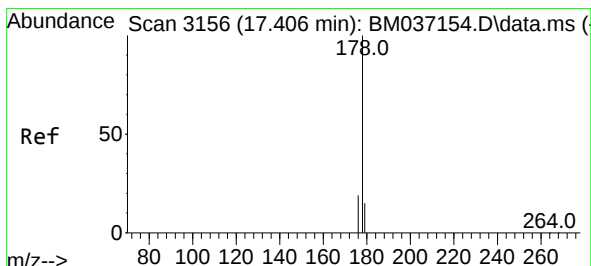
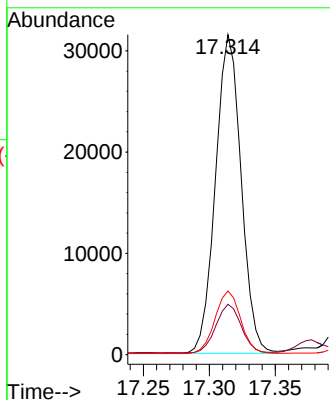
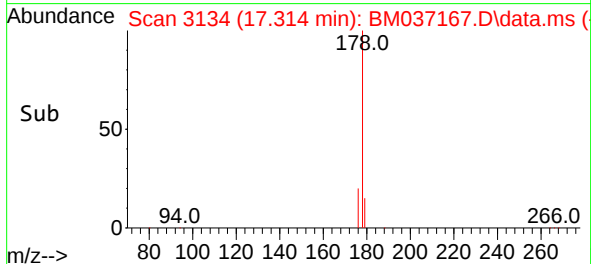
Instrument :
BNA_M
ClientSampleId :
C1BG4



Tgt Ion:178 Resp: 42426
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.9 16.1 24.1

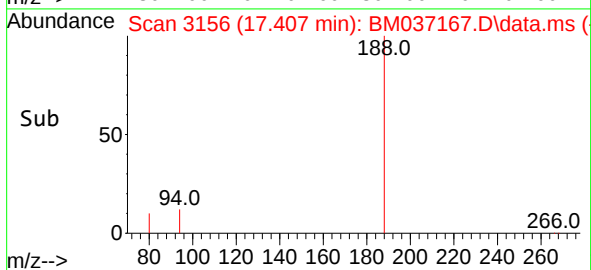
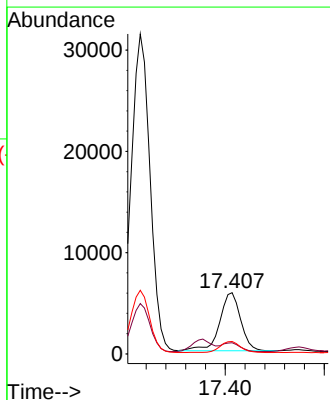
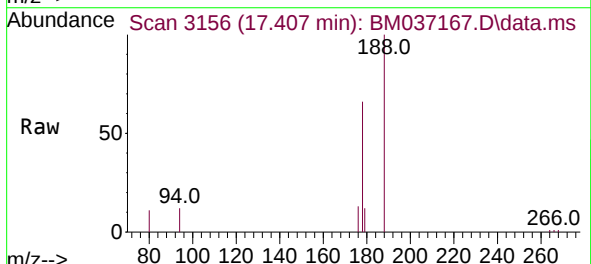
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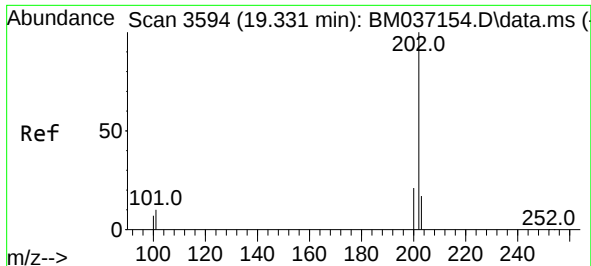
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.148 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. -0.008 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

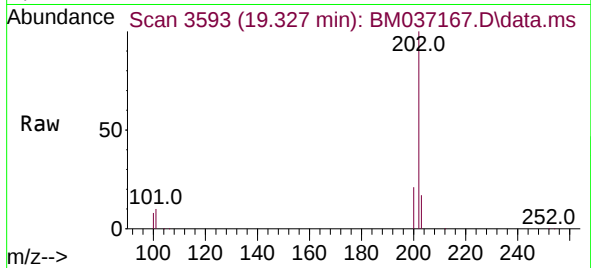
Tgt Ion:178 Resp: 8491
Ion Ratio Lower Upper
178 100
179 18.1 13.1 19.7
176 20.3 15.3 22.9





#19
Fluoranthene
Concen: 1.396 ng/ul
RT: 19.327 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

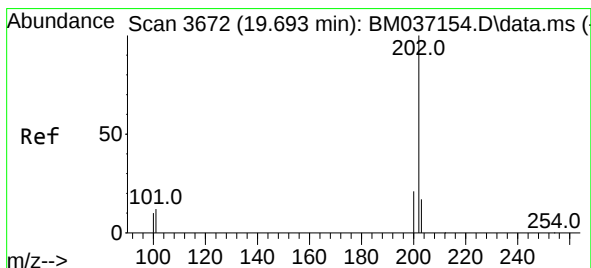
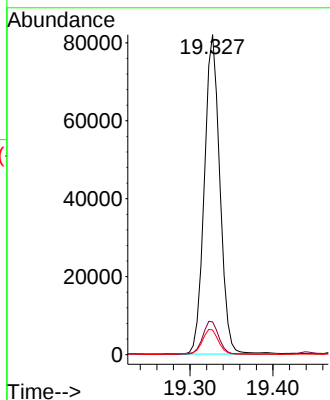
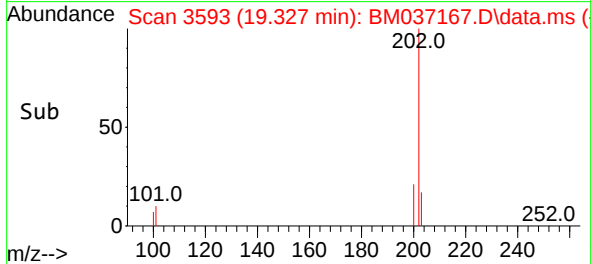
Instrument :
BNA_M
ClientSampleId :
C1BG4



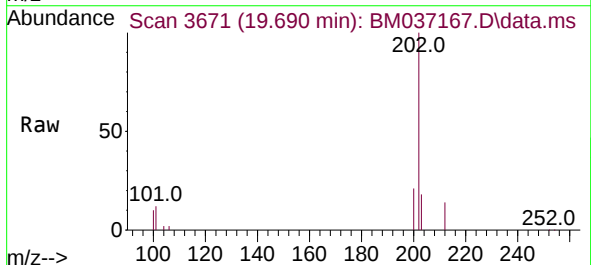
Tgt Ion:202 Resp: 10597
Ion Ratio Lower Upper
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101 10.2 8.9 13.3
100 7.7 6.9 10.3

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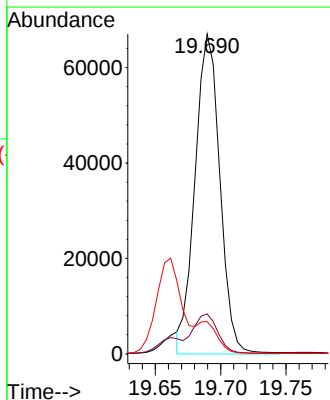
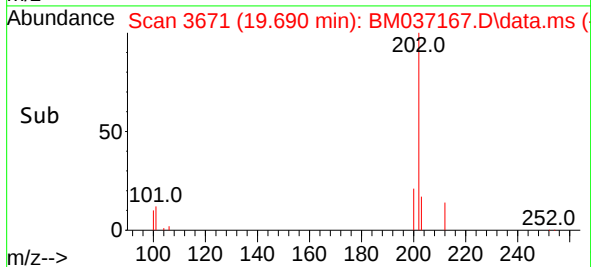
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

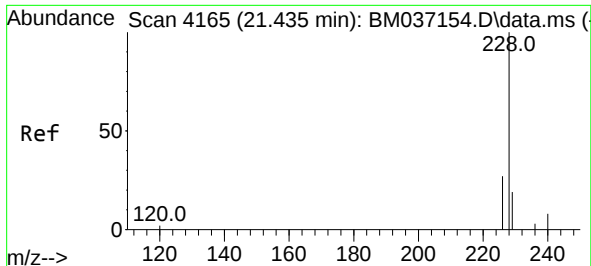


#20
Pyrene
Concen: 1.152 ng/ul m
RT: 19.690 min Scan# 3671
Delta R.T. -0.008 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50



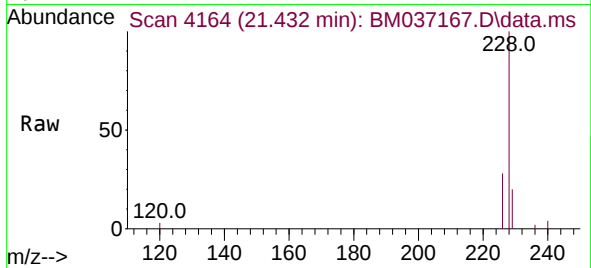
Tgt Ion:202 Resp: 88678
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 10.1 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.602 ng/u1
RT: 21.432 min Scan# 4165
Delta R.T. -0.010 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

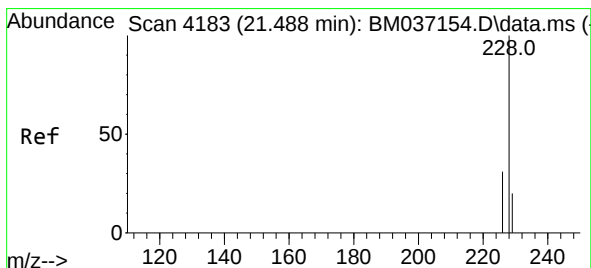
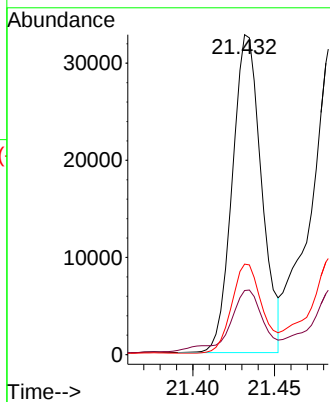
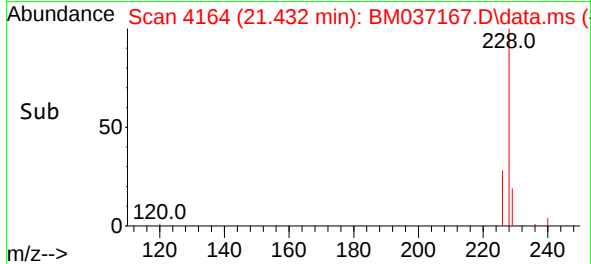
Instrument :
BNA_M
ClientSampleId :
C1BG4



Tgt Ion:228 Resp: 40807
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 28.3 21.8 32.8

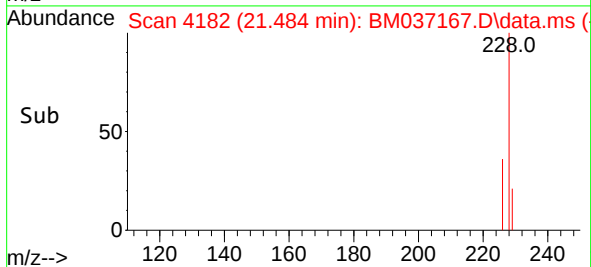
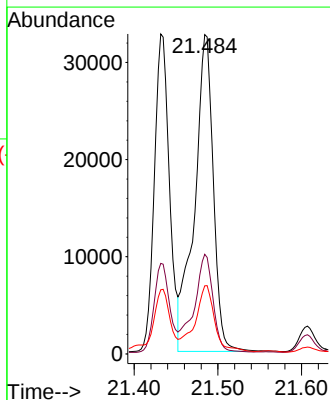
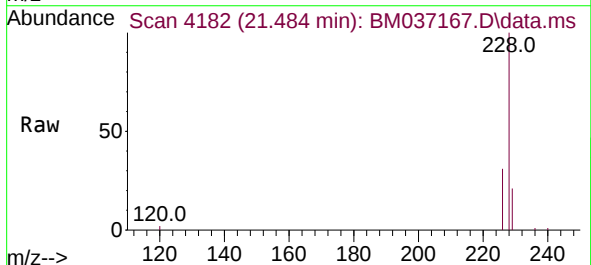
Manual Integrations
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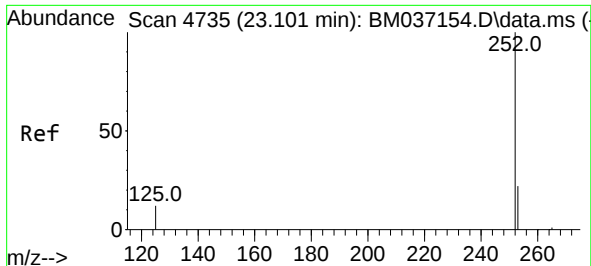
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.653 ng/u1
RT: 21.484 min Scan# 4182
Delta R.T. -0.007 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

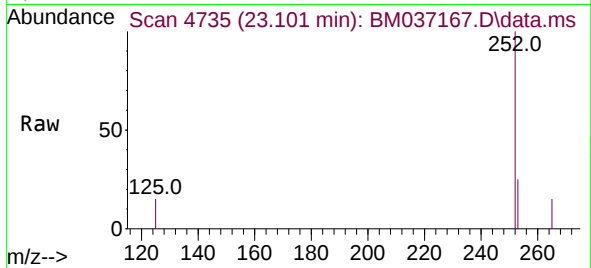
Tgt Ion:228 Resp: 50954
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 21.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.802 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.010 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

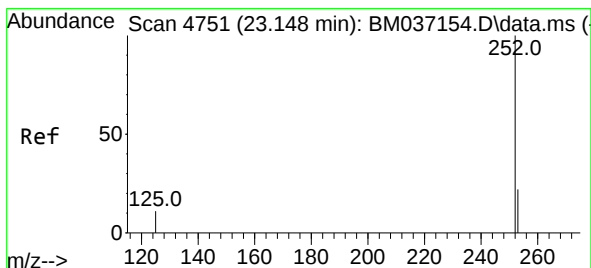
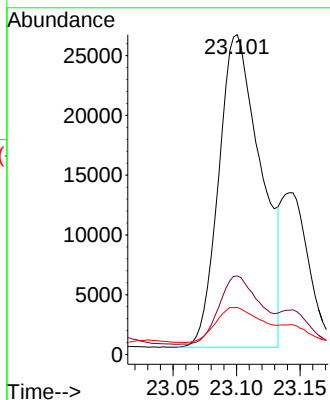
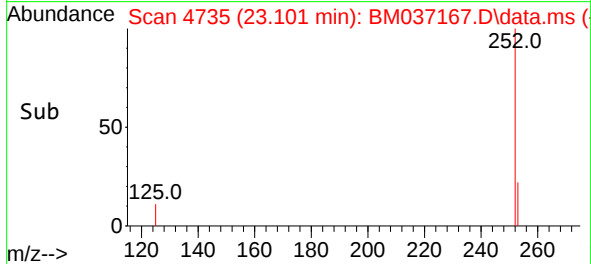
Instrument :
BNA_M
ClientSampleId :
C1BG4



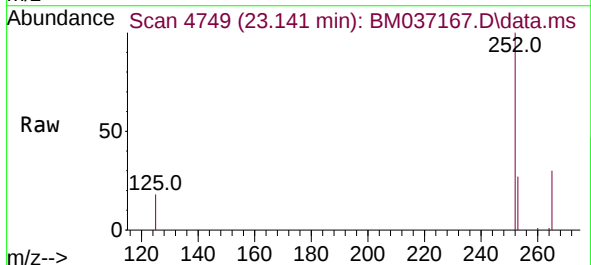
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Ion Ratio Lower Upper
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253 24.6 0.0 50.6
125 14.7 0.0 32.6

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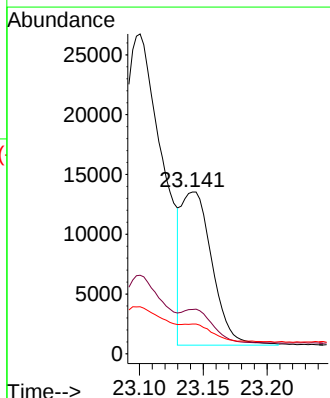
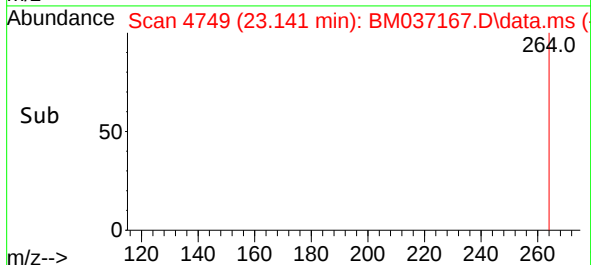
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

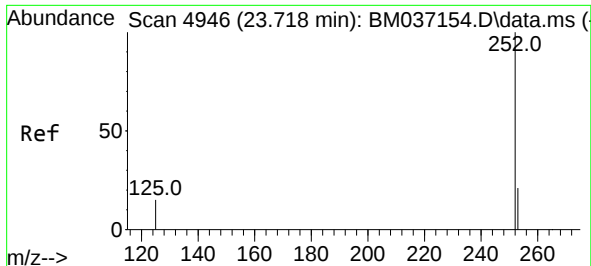


#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 23.141 min Scan# 4749
Delta R.T. -0.016 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50



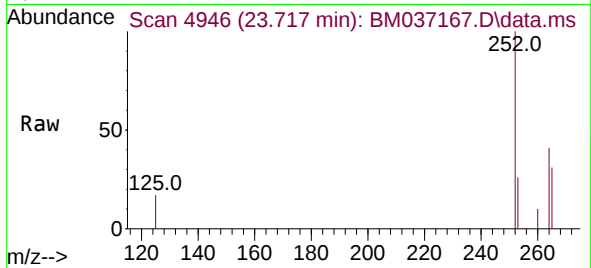
Tgt Ion:252 Resp: 21399
Ion Ratio Lower Upper
252 100
253 27.4 20.6 30.8
125 18.4 13.3 19.9





#26
Benzo(a)pyrene
Concen: 0.560 ng/ul
RT: 23.717 min Scan# 4946
Delta R.T. -0.013 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

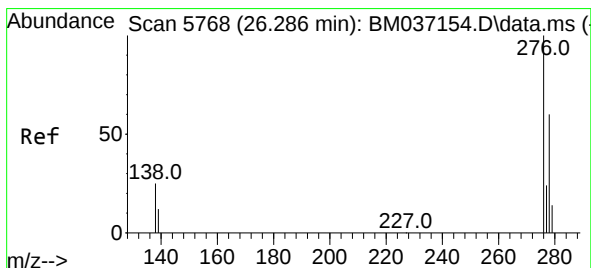
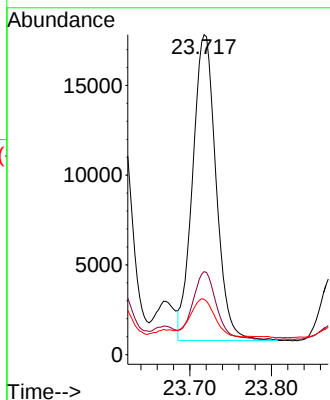
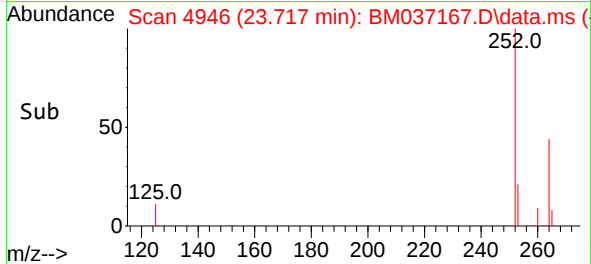
Instrument :
BNA_M
ClientSampleId :
C1BG4



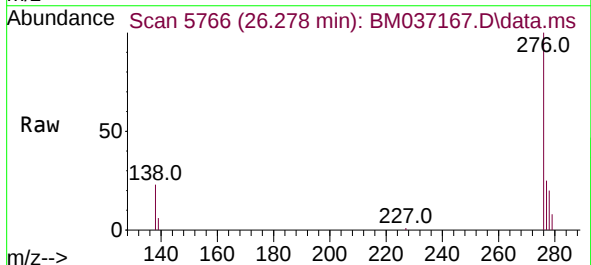
Tgt Ion:252 Resp: 3388
Ion Ratio Lower Upper
252 100
253 25.9 22.1 33.1
125 17.3 17.6 26.4

Manual Integrations
APPROVED

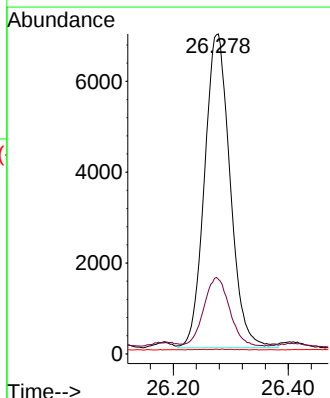
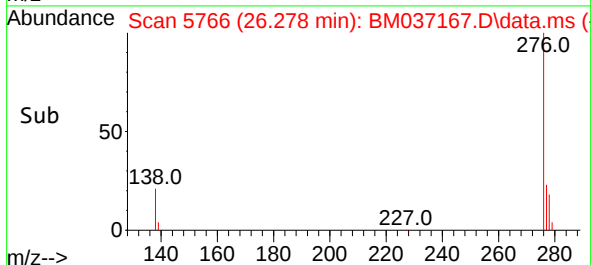
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

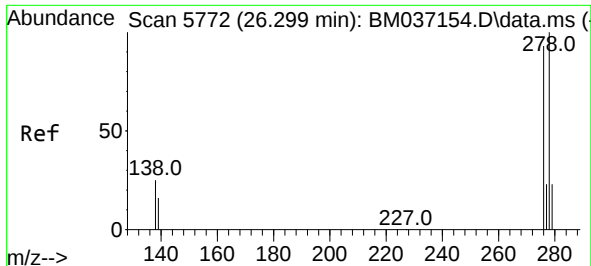


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng/ul
RT: 26.278 min Scan# 5766
Delta R.T. -0.021 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50



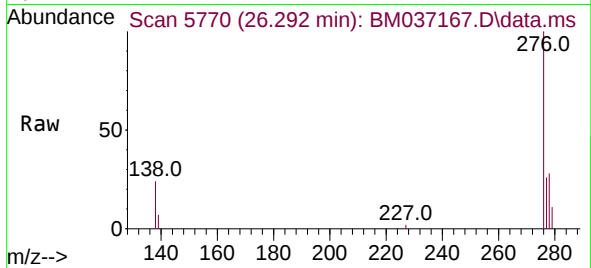
Tgt Ion:276 Resp: 21406
Ion Ratio Lower Upper
276 100
138 22.2 21.4 32.0
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.292 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50

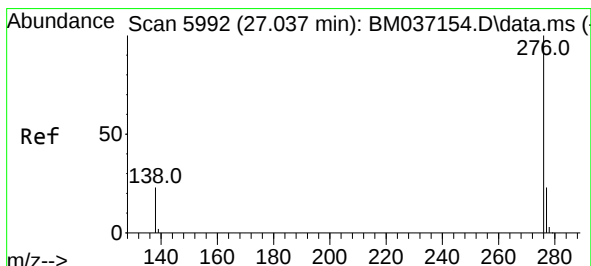
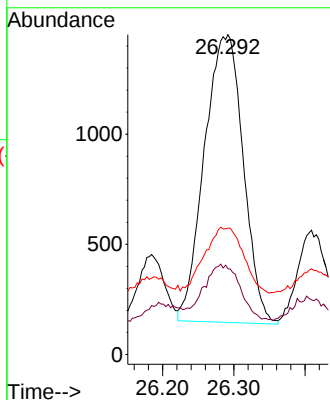
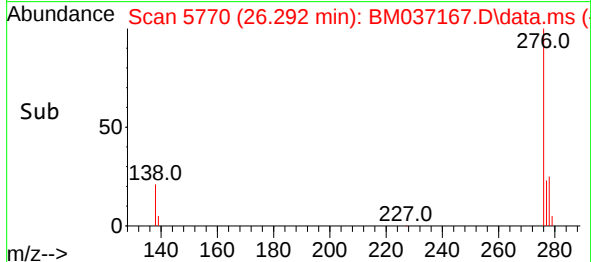
Instrument :
BNA_M
ClientSampleId :
C1BG4



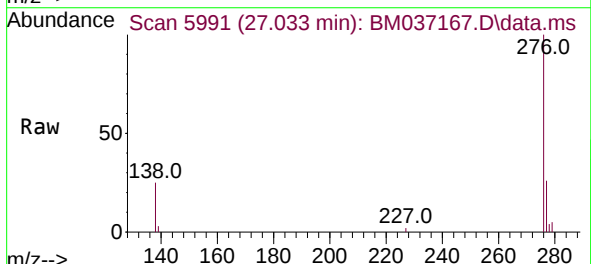
Tgt Ion: 278 Resp: 494
Ion Ratio Lower Upper
278 100
139 26.8 16.3 24.5
279 39.5 21.5 32.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 27.033 min Scan# 5991
Delta R.T. -0.024 min
Lab File: BM037167.D
Acq: 21 Oct 2022 09:50



Tgt Ion: 276 Resp: 18016
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.8
277 25.7 20.1 30.1

