

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038100.D
 Acq On : 19 Dec 2022 13:38
 Operator : CG/JU
 Sample : N6006-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 19 14:21:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	4687	0.400	ng/u1	0.00
4) Naphthalene-d8	10.867	136	14977	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.680	164	8410	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.413	188	17709	0.400	ng/u1	0.00
17) Chrysene-d12	21.583	240	15540	0.400	ng/u1	0.00
23) Perylene-d12	24.035	264	14751	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	33990	5.306	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.445	152	8681	0.397	ng/u1	0.00
18) Fluoranthene-d10	19.431	212	20093	0.357	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	13043	0.287	ng/u1	100
7) 2-Methylnaphthalene	12.517	142	5229	0.188	ng/u1	98
8) 1-Methylnaphthalene	12.737	142	4215	0.148	ng/u1	99
10) Acenaphthylene	14.402	152	27830	0.631	ng/u1	100
11) Acenaphthene	14.740	153	6875	0.206	ng/u1	99
12) Fluorene	15.721	166	7191	0.194	ng/u1	99
14) Pentachlorophenol	17.067	266	273	0.037	ng/u1	94
15) Phenanthrene	17.455	178	196994	3.303	ng/u1	99
16) Anthracene	17.548	178	45333	0.822	ng/u1	99
19) Fluoranthene	19.464	202	637319	7.940	ng/u1	96
20) Pyrene	19.826	202	548022m	6.688	ng/u1	
21) Benzo(a)anthracene	21.565	228	311065	4.633	ng/u1	99
22) Chrysene	21.618	228	323644	4.779	ng/u1	98
24) Benzo(b)fluoranthene	23.284	252	486675	6.957	ng/u1	89
25) Benzo(k)fluoranthene	23.328	252	166150m	2.461	ng/u1	
26) Benzo(a)pyrene	23.927	252	307619	5.221	ng/u1#	84
27) Indeno(1,2,3-cd)pyrene	26.592	276	229593	3.105	ng/u1#	88
28) Dibenzo(a,h)anthracene	26.599	278	54059	0.938	ng/u1	99
29) Benzo(g,h,i)perylene	27.387	276	216239	3.442	ng/u1	97

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

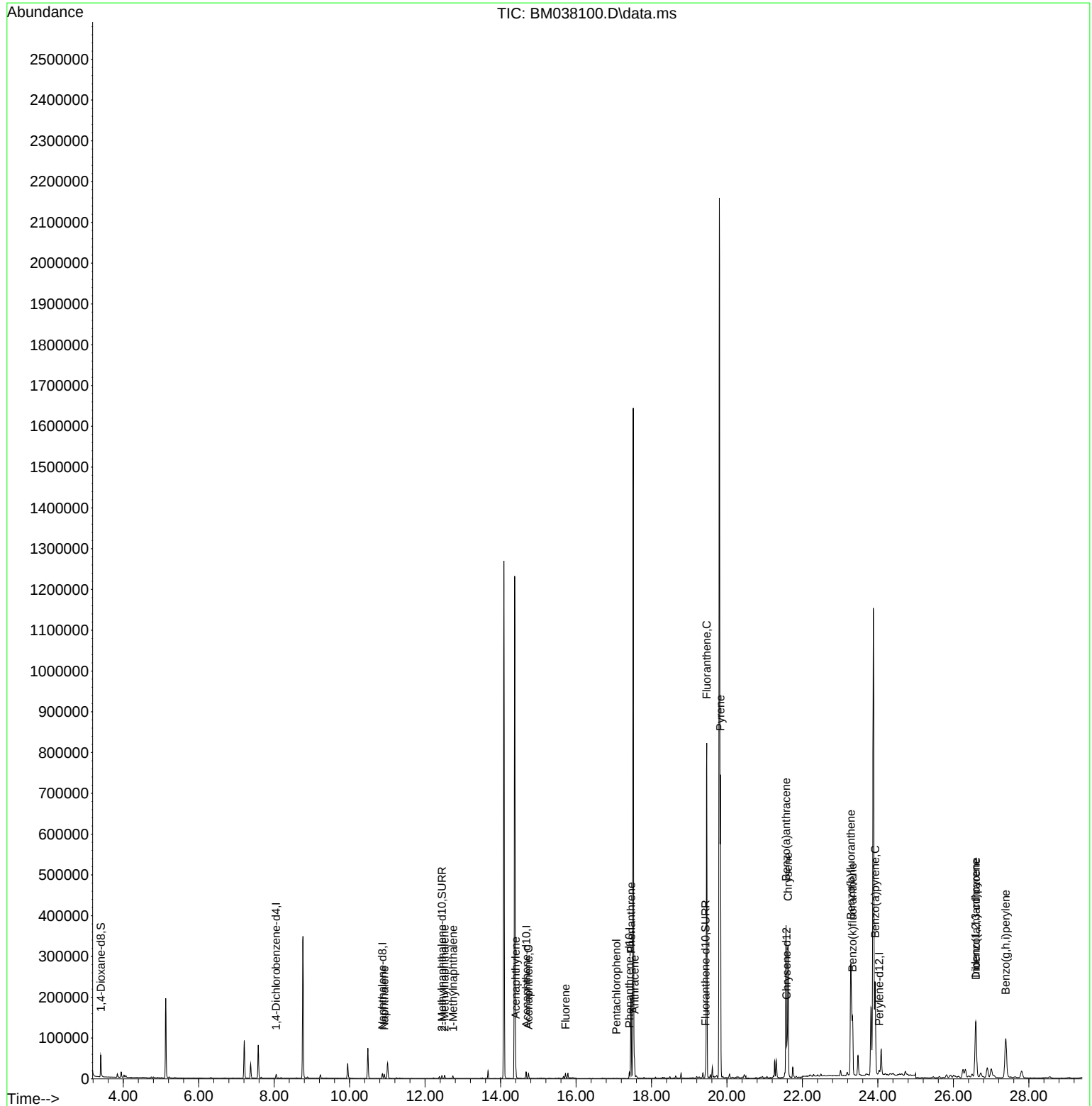
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038100.D
Acq On : 19 Dec 2022 13:38
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

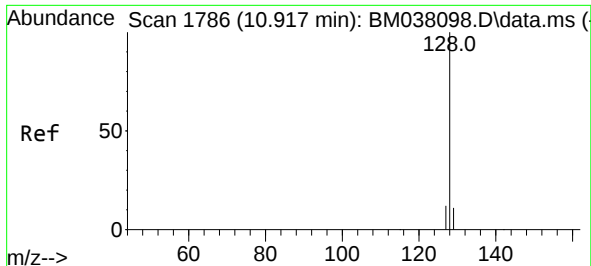
Instrument :
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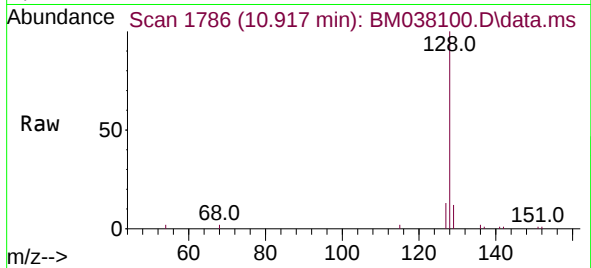
Quant Time: Dec 19 14:21:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

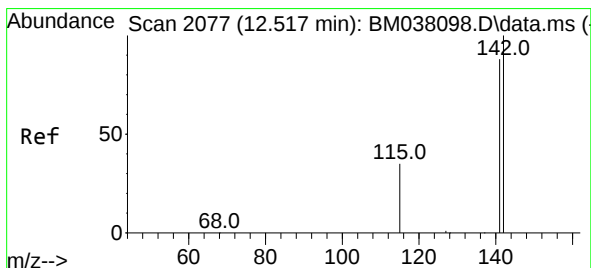
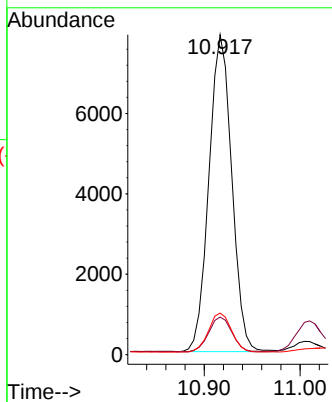
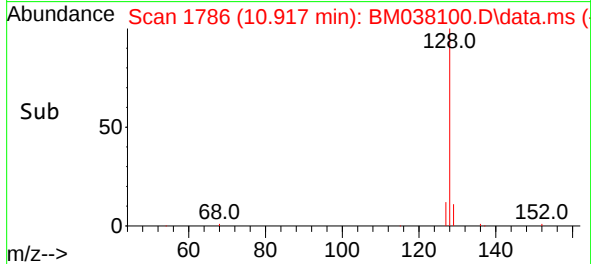
Instrument :
BNA_M
ClientSampleId :
DBXY9



Tgt Ion:128 Resp: 13043
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.0 10.4 15.6

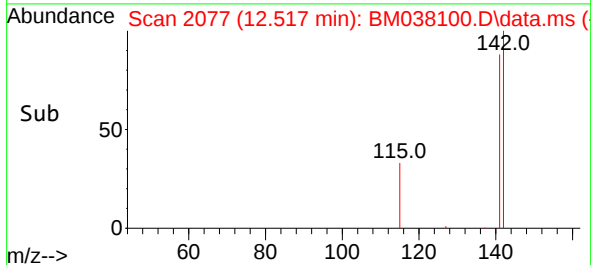
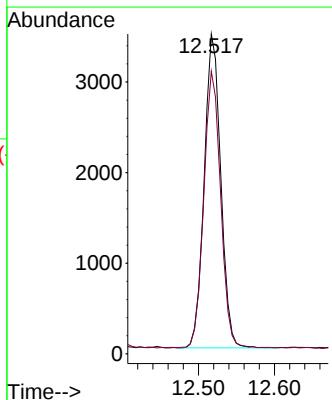
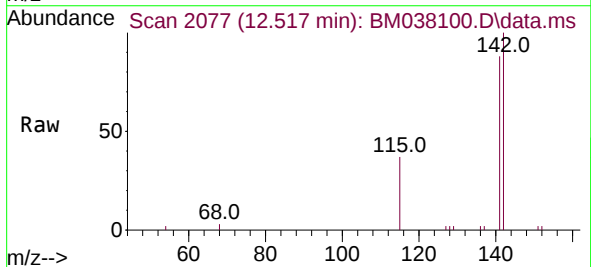
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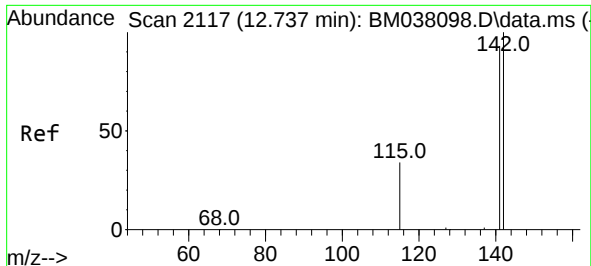
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

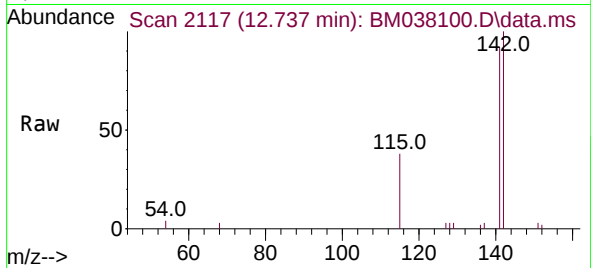
Tgt Ion:142 Resp: 5229
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

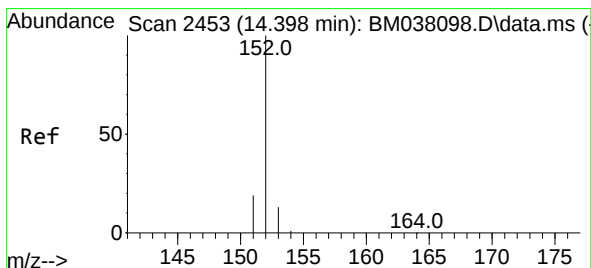
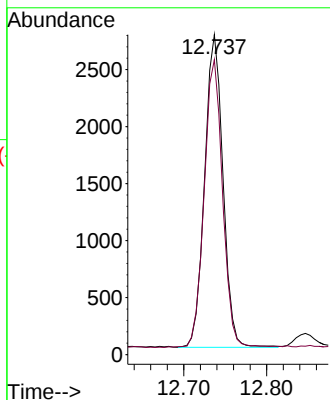
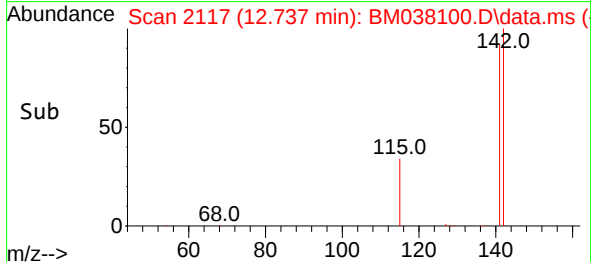
Instrument :
BNA_M
ClientSampleId :
DBXY9



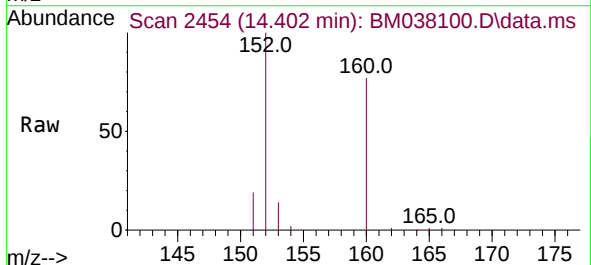
Tgt Ion:142 Resp: 4215
Ion Ratio Lower Upper
142 100
141 92.5 73.6 110.4

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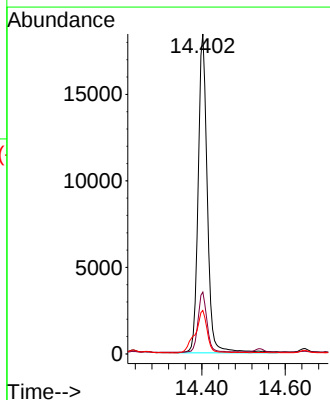
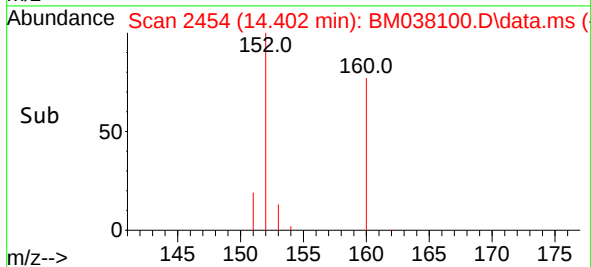
Reviewed By :Jagrut Upadhyay 12/20/2022
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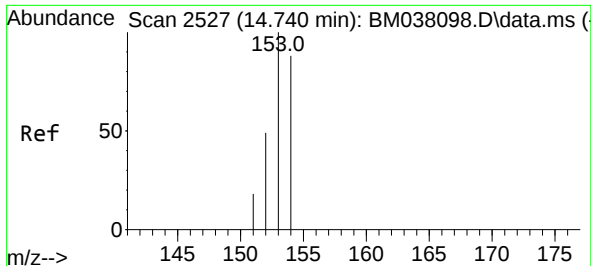


#10
Acenaphthylene
Concen: 0.631 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38



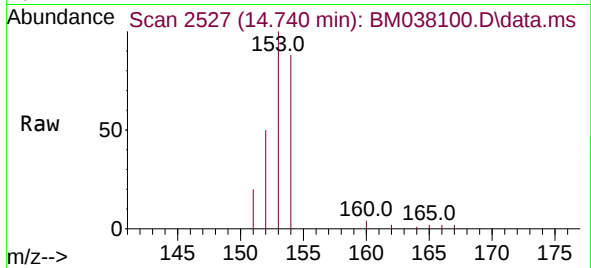
Tgt Ion:152 Resp: 27830
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.6 11.0 16.4





#11
Acenaphthene
Concen: 0.206 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

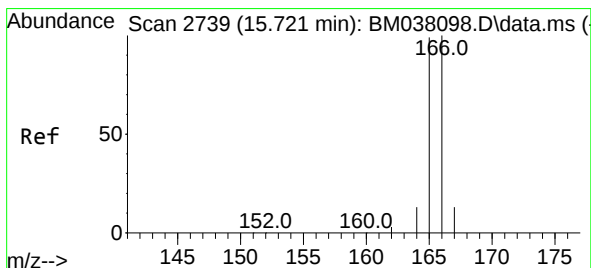
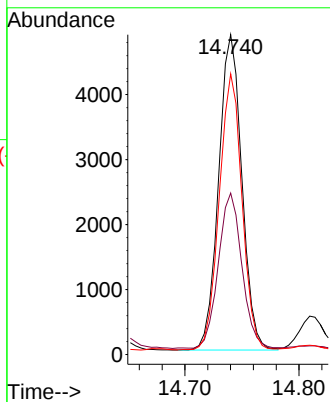
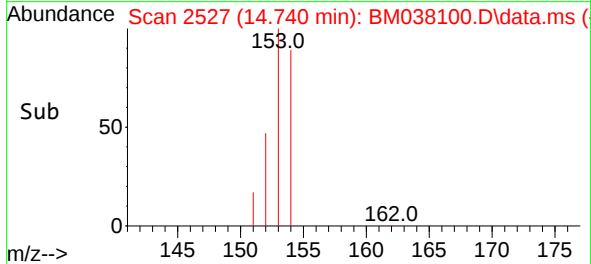
Instrument :
BNA_M
ClientSampleId :
DBXY9



Tgt Ion:153 Resp: 6875
Ion Ratio Lower Upper
153 100
152 50.5 39.5 59.3
154 87.7 69.2 103.8

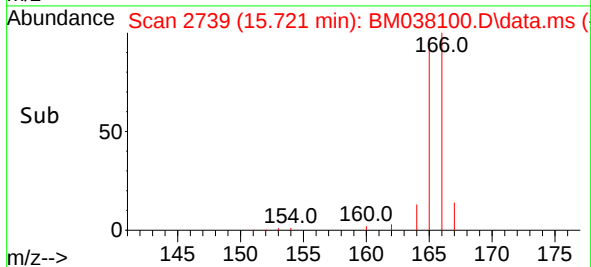
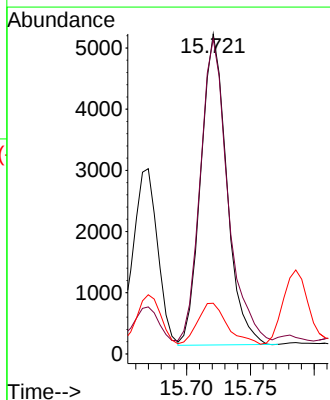
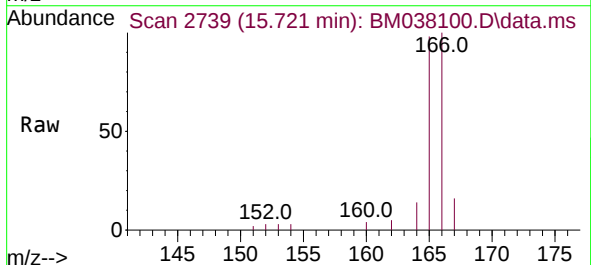
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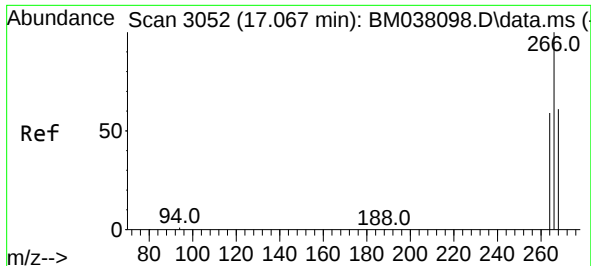
Reviewed By :Jagrut Upadhyay 12/20/2022
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#12
Fluorene
Concen: 0.194 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

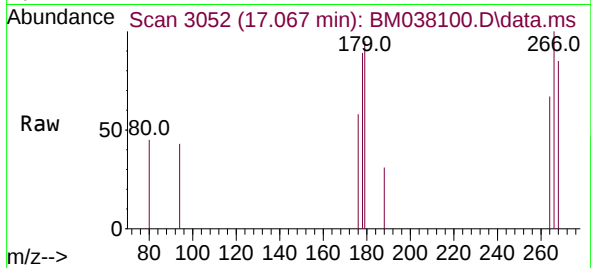
Tgt Ion:166 Resp: 7191
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 15.8 11.1 16.7





#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 17.067 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: BM038100.D
 Acq: 19 Dec 2022 13:38

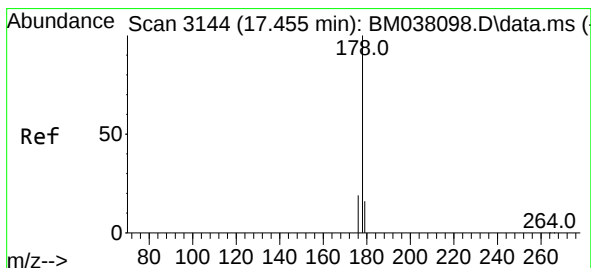
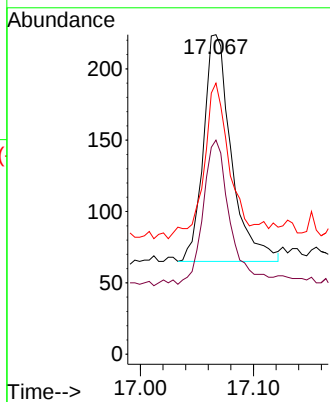
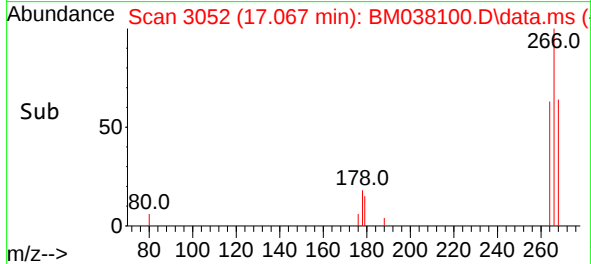
Instrument :
 BNA_M
 ClientSampleId :
 DBXY9



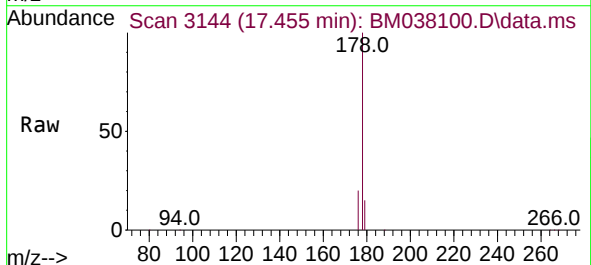
Tgt Ion:266 Resp: 273
 Ion Ratio Lower Upper
 266 100
 264 65.9 49.9 74.9
 268 70.3 52.0 78.0

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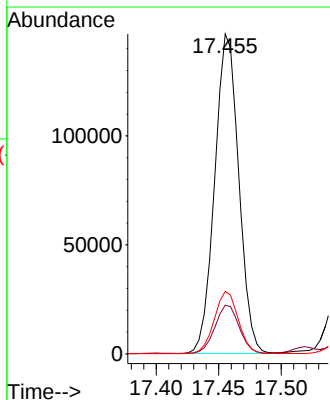
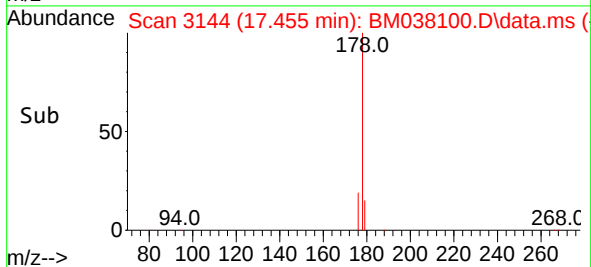
Reviewed By :Jagrut Upadhyay 12/20/2022
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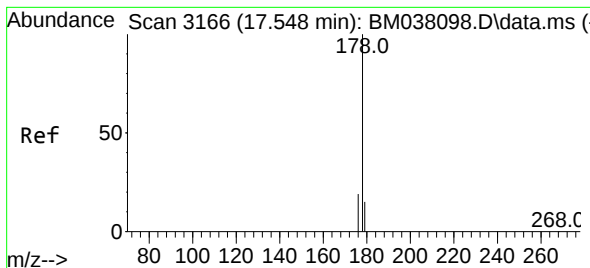


#15
 Phenanthrene
 Concen: 3.303 ng/ul
 RT: 17.455 min Scan# 3144
 Delta R.T. -0.004 min
 Lab File: BM038100.D
 Acq: 19 Dec 2022 13:38



Tgt Ion:178 Resp: 196994
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.6 19.0
 176 19.5 15.8 23.6





#16

Anthracene

Concen: 0.822 ng/ul

RT: 17.548 min Scan# 3166

Delta R.T. -0.000 min

Lab File: BM038100.D

Acq: 19 Dec 2022 13:38

Instrument :

BNA_M

ClientSampleId :

DBXY9

Tgt Ion:178 Resp: 45333

Ion Ratio Lower Upper

178 100

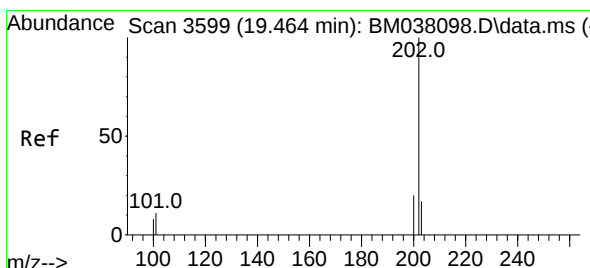
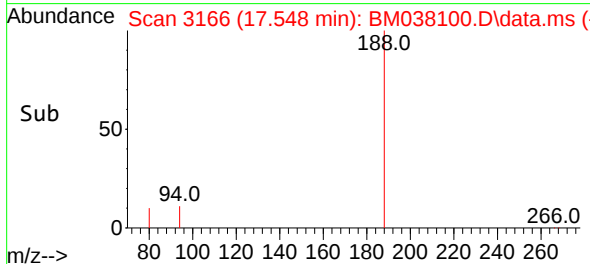
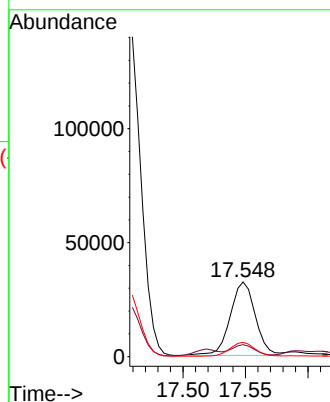
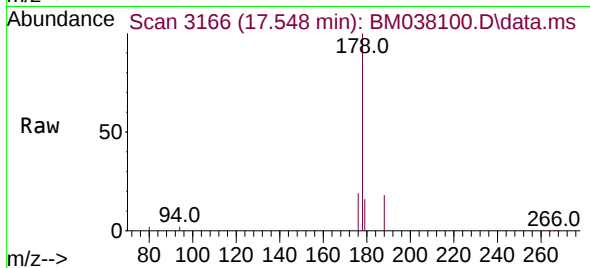
179 16.0 13.0 19.4

176 19.1 15.0 22.4

Manual Integrations

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#19

Fluoranthene

Concen: 7.940 ng/ul

RT: 19.464 min Scan# 3599

Delta R.T. -0.000 min

Lab File: BM038100.D

Acq: 19 Dec 2022 13:38

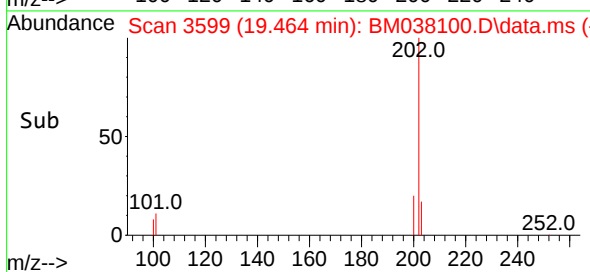
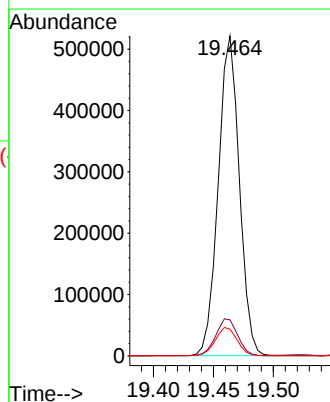
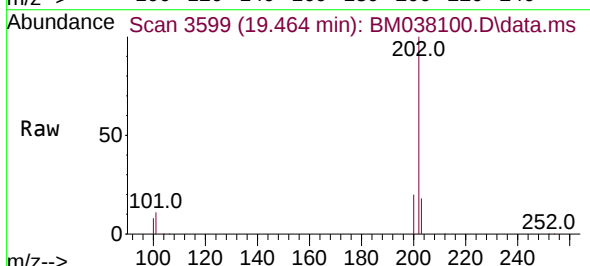
Tgt Ion:202 Resp: 637319

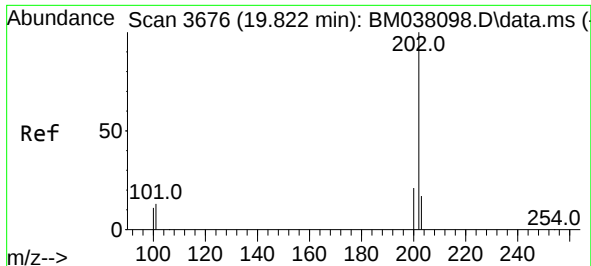
Ion Ratio Lower Upper

202 100

101 11.3 10.6 15.8

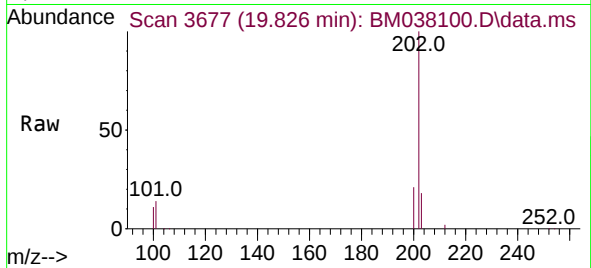
100 8.4 7.9 11.9





#20
Pyrene
Concen: 6.688 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

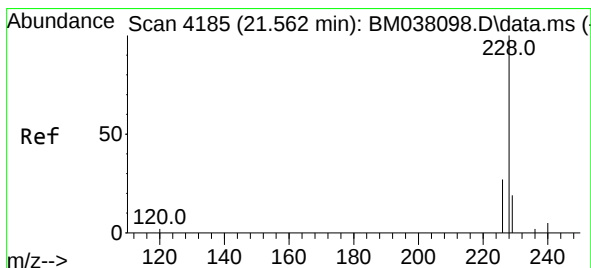
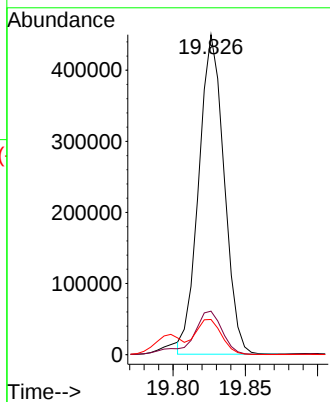
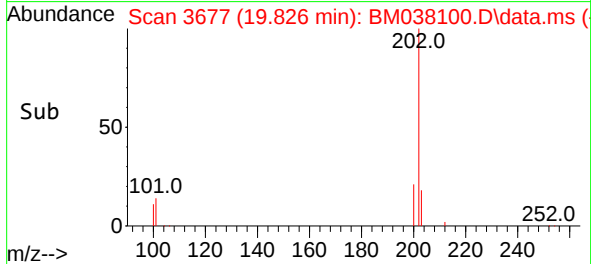
Instrument :
BNA_M
ClientSampleId :
DBXY9



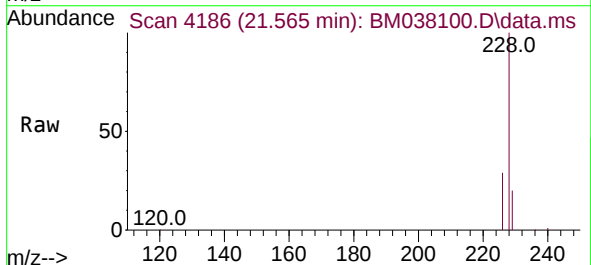
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Ion Ratio Lower Upper
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101 13.6 12.1 18.1
100 11.0 9.8 14.6

Manual Integrations
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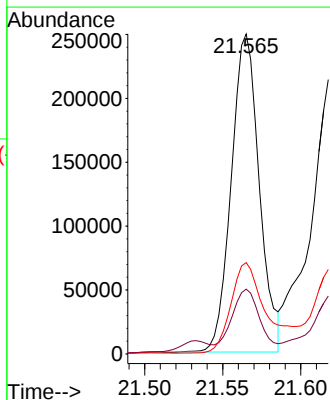
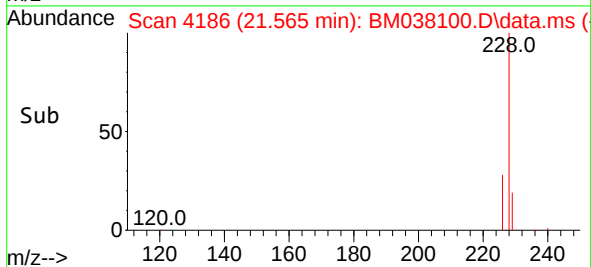
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

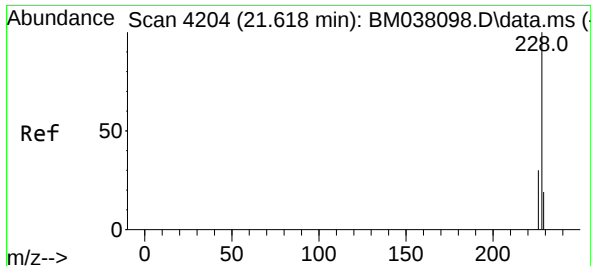


#21
Benzo(a)anthracene
Concen: 4.633 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38



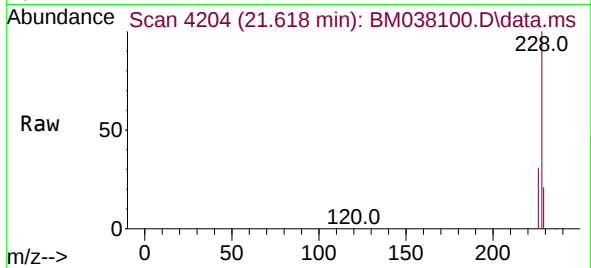
Tgt Ion:228 Resp: 311065
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.5 22.1 33.1





#22
Chrysene
Concen: 4.779 ng/ul
RT: 21.618 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

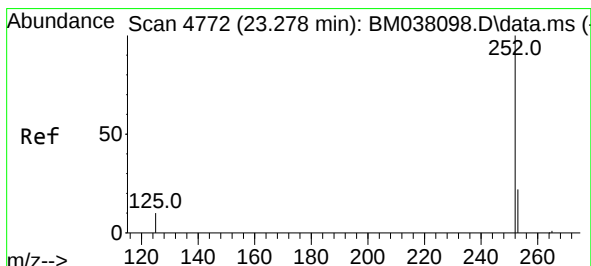
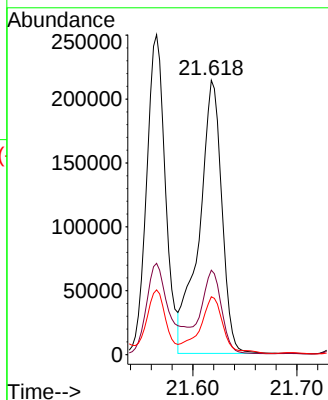
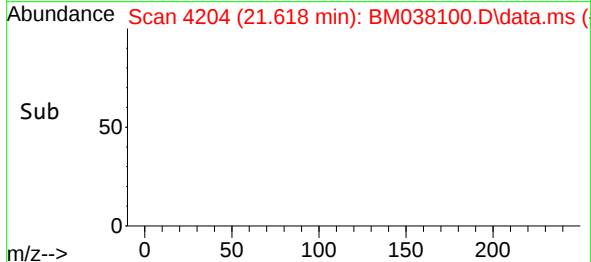
Instrument :
BNA_M
ClientSampleId :
DBXY9



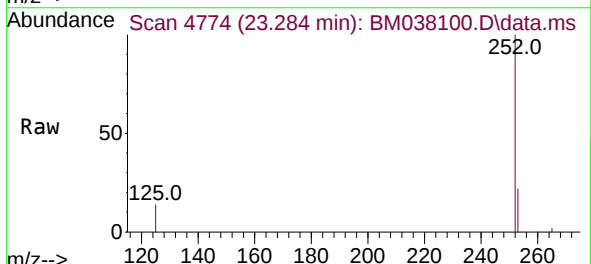
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Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.1 15.7 23.5

Manual Integrations
APPROVED

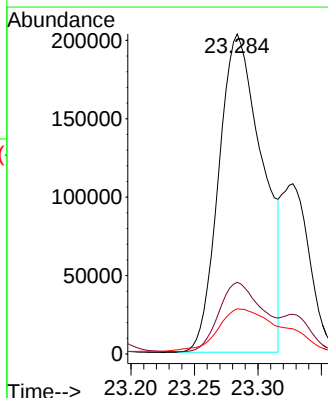
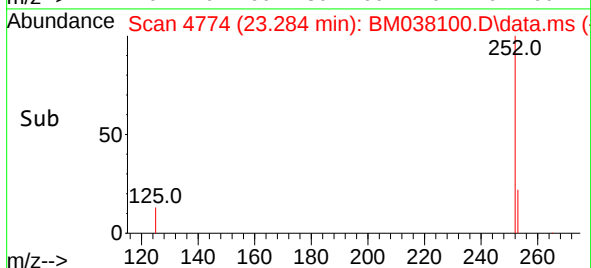
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

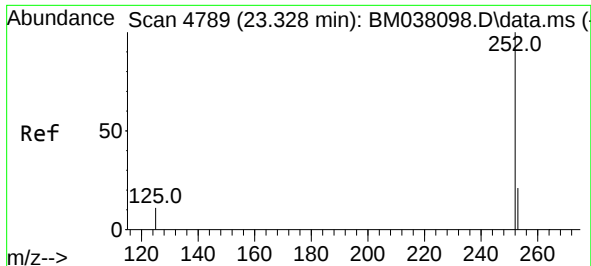


#24
Benzo(b)fluoranthene
Concen: 6.957 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38



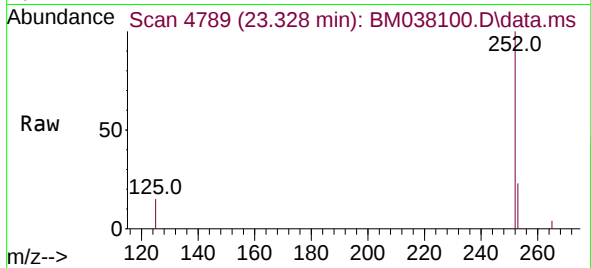
Tgt Ion:252 Resp: 486675
Ion Ratio Lower Upper
252 100
253 22.4 0.0 51.8
125 14.1 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 2.461 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

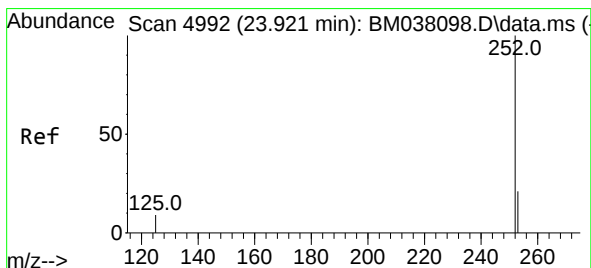
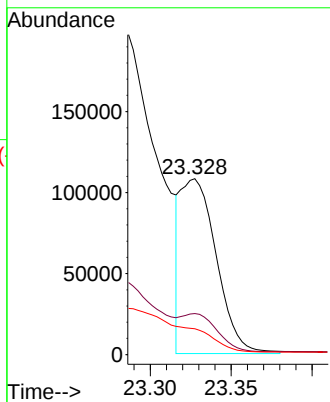
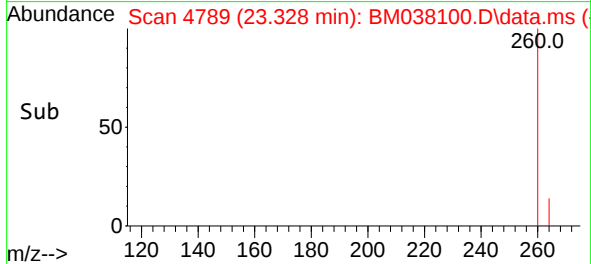
Instrument :
BNA_M
ClientSampleId :
DBXY9



Tgt Ion:252 Resp: 166150
Ion Ratio Lower Upper
252 100
253 23.3 20.8 31.2
125 14.7 17.1 25.7

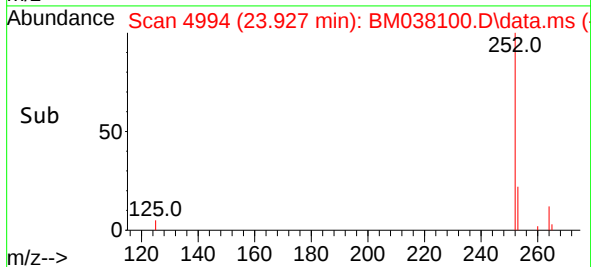
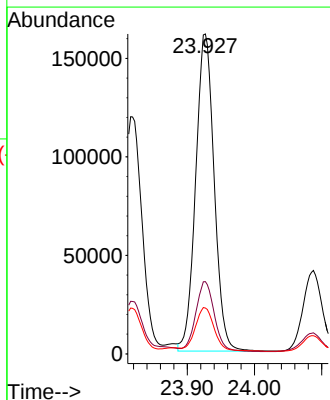
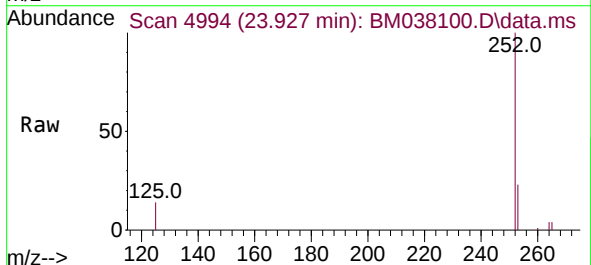
Manual Integrations
APPROVED

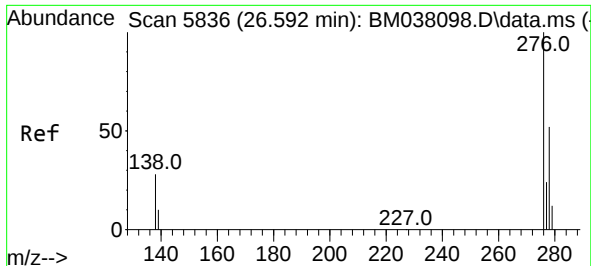
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 5.221 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. 0.003 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

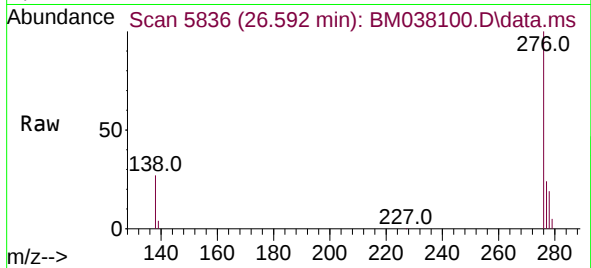
Tgt Ion:252 Resp: 307619
Ion Ratio Lower Upper
252 100
253 22.6 21.9 32.9
125 14.3 20.7 31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.105 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

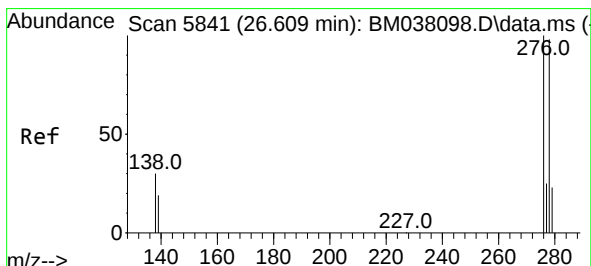
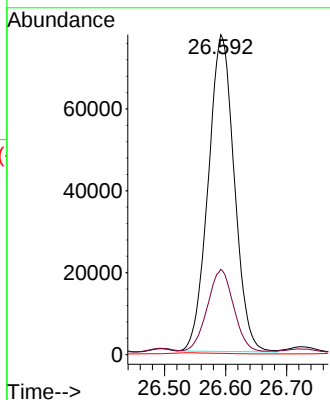
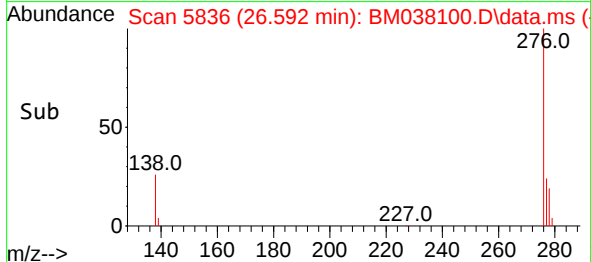
Instrument :
BNA_M
ClientSampleId :
DBXY9



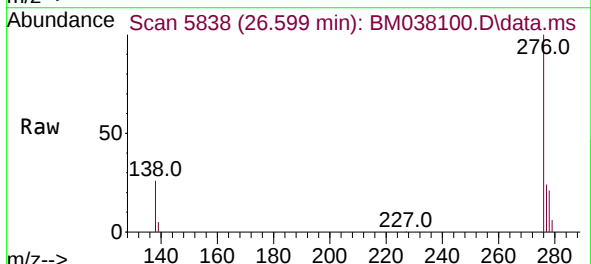
Tgt Ion:276 Resp: 229593
Ion Ratio Lower Upper
276 100
138 26.5 26.6 40.0
227 0.0 0.1 0.1

Manual Integrations
APPROVED

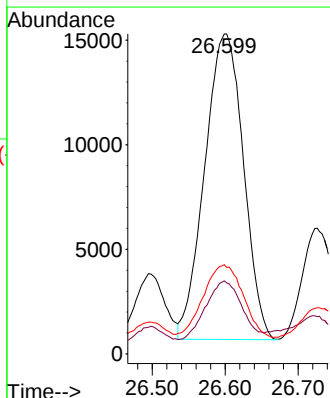
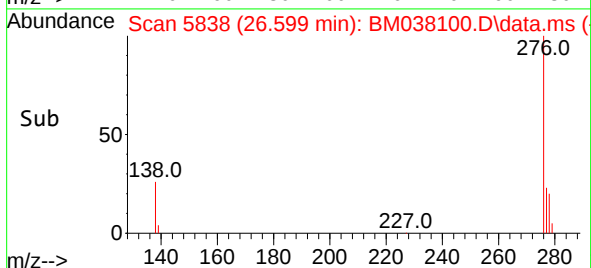
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

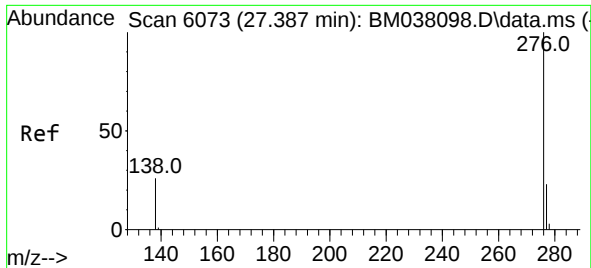


#28
Dibenzo(a,h)anthracene
Concen: 0.938 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38



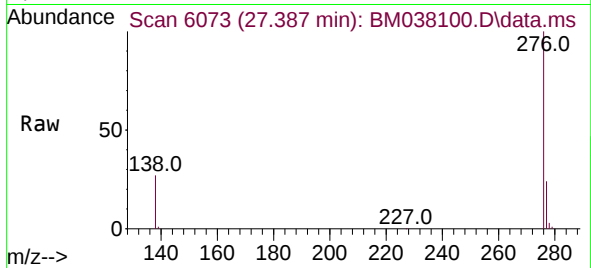
Tgt Ion:278 Resp: 54059
Ion Ratio Lower Upper
278 100
139 22.8 19.0 28.6
279 27.9 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 3.442 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9



Tgt Ion:276 Resp: 216239
Ion Ratio Lower Upper
276 100
138 27.2 24.1 36.1
277 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

