

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038114.D
 Acq On : 19 Dec 2022 22:13
 Operator : CG/JU
 Sample : N5925-20DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC9DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 23:24:46 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	5176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	15918	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.675	164	8860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	17871	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	13278	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	12847	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4767	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1245	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2408	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	4611	0.096	ng/ul	96
7) 2-Methylnaphthalene	12.517	142	1177	0.040	ng/ul	97
8) 1-Methylnaphthalene	12.737	142	812	0.027	ng/ul	99
10) Acenaphthylene	14.398	152	14149	0.305	ng/ul	99
11) Acenaphthene	14.740	153	3304	0.094	ng/ul	98
12) Fluorene	15.721	166	5235	0.134	ng/ul	99
14) Pentachlorophenol	17.071	266	204	0.028	ng/ul	90
15) Phenanthrene	17.455	178	101163	1.681	ng/ul	100
16) Anthracene	17.548	178	14899	0.268	ng/ul	98
19) Fluoranthene	19.459	202	181691	2.649	ng/ul	96
20) Pyrene	19.822	202	131013	1.871	ng/ul	94
21) Benzo(a)anthracene	21.562	228	58511	1.020	ng/ul	99
22) Chrysene	21.615	228	51612	0.892	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	70878	1.163	ng/ul	92
25) Benzo(k)fluoranthene	23.322	252	24846m	0.423	ng/ul	
26) Benzo(a)pyrene	23.918	252	41115	0.801	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.585	276	32386	0.503	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.599	278	7341	0.146	ng/ul#	84
29) Benzo(g,h,i)perylene	27.384	276	24531	0.448	ng/ul	96

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

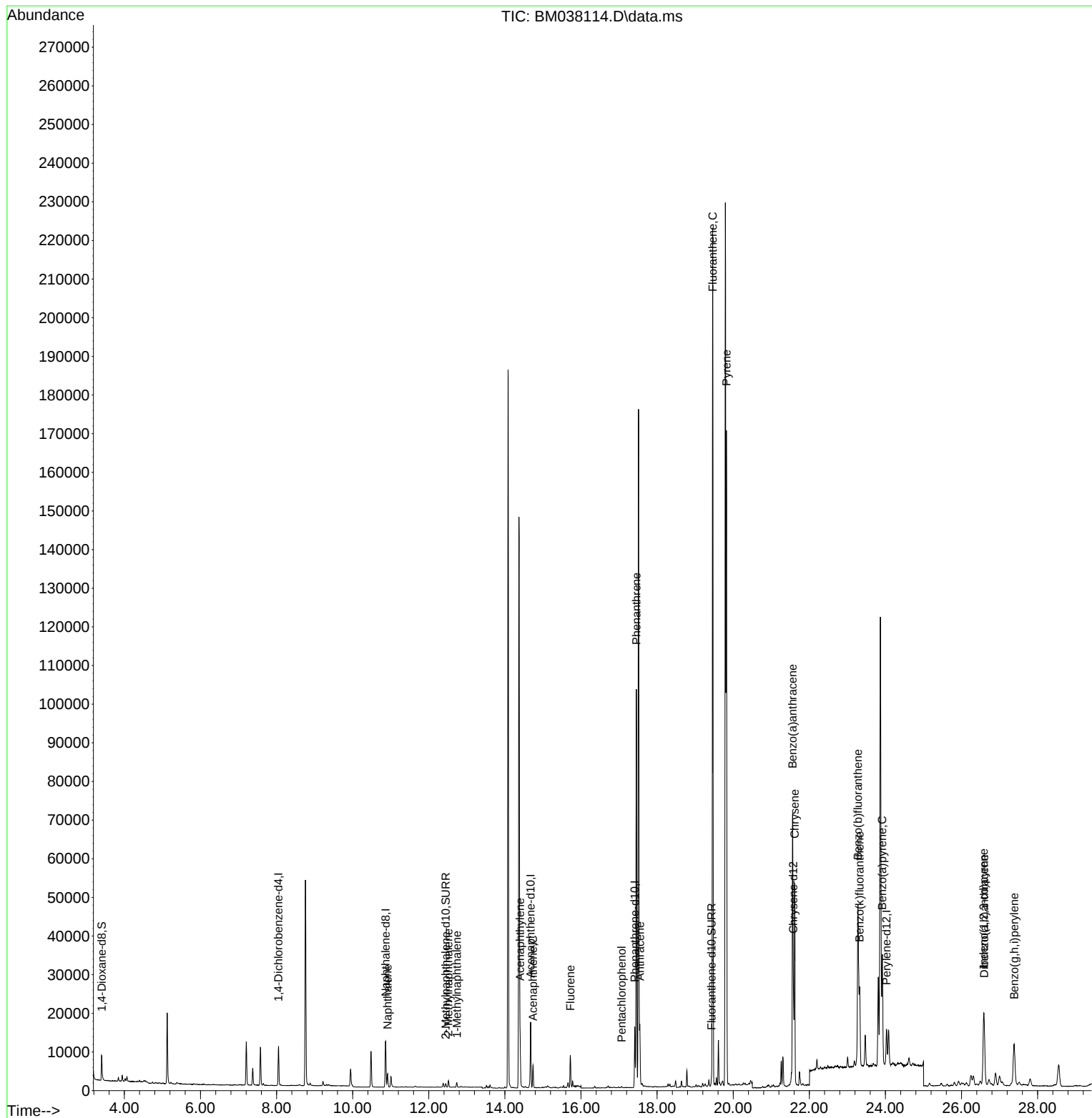
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038114.D
 Acq On : 19 Dec 2022 22:13
 Operator : CG/JU
 Sample : N5925-20DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

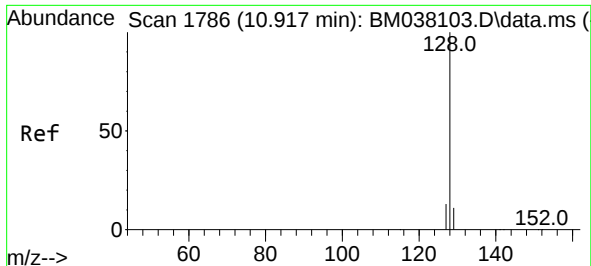
Instrument :
 BNA_M
 ClientSampleId :
 DBYC9DL

Manual Integrations APPROVED

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

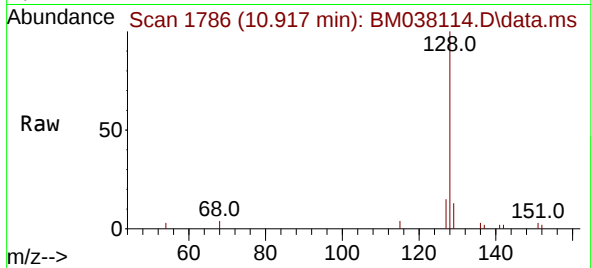
Quant Time: Dec 19 23:24:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

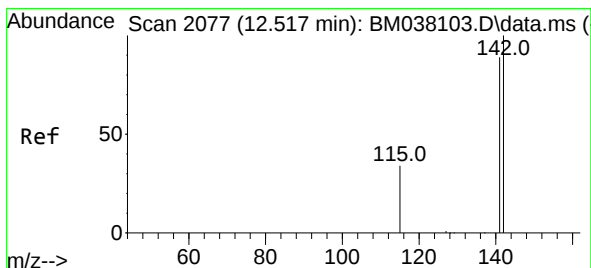
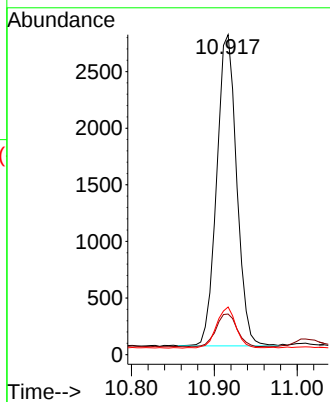
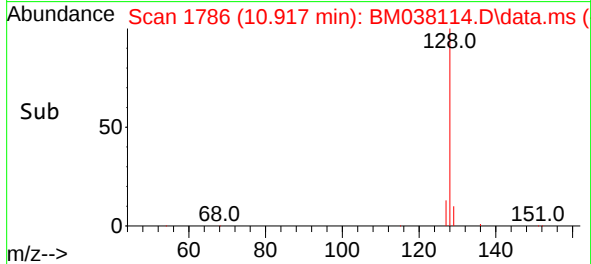
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



Tgt Ion:128 Resp: 461
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.9 10.4 15.6

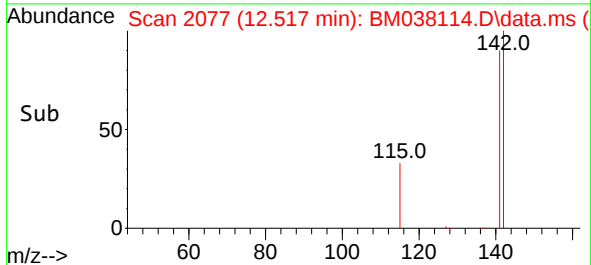
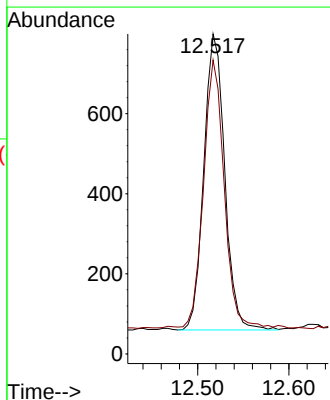
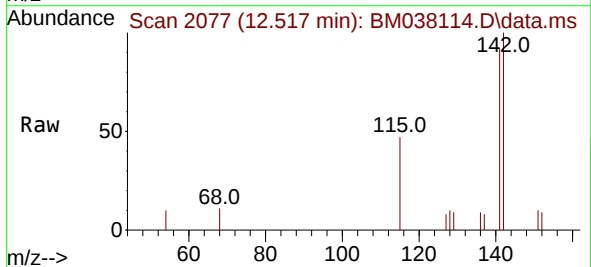
Manual Integrations
APPROVED

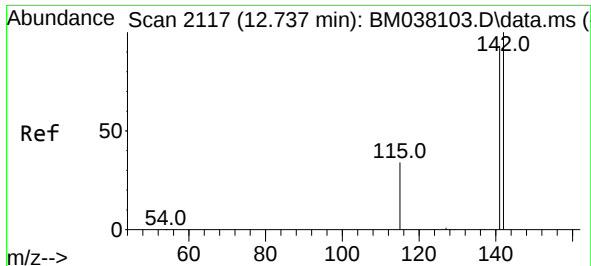
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

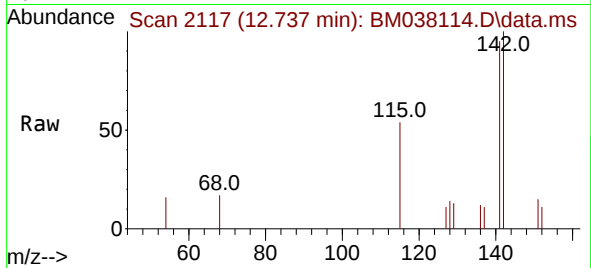
Tgt Ion:142 Resp: 1177
Ion Ratio Lower Upper
142 100
141 91.1 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

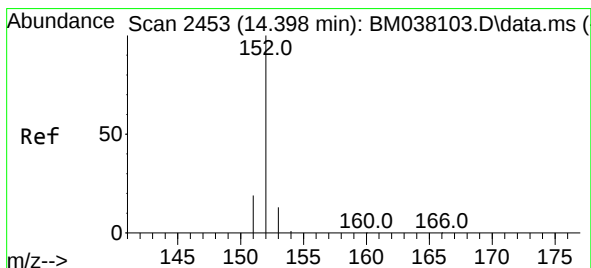
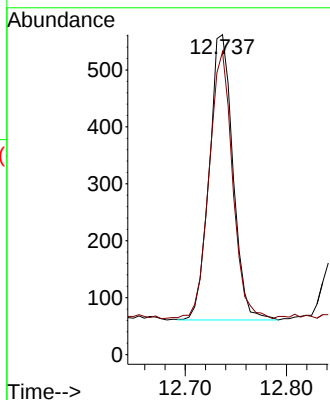
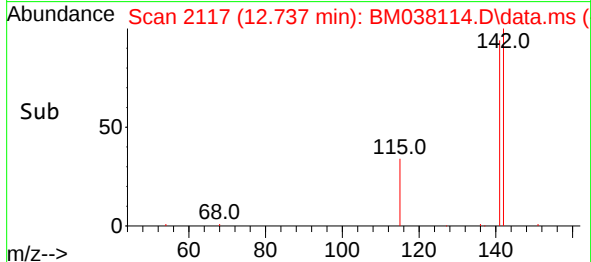
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



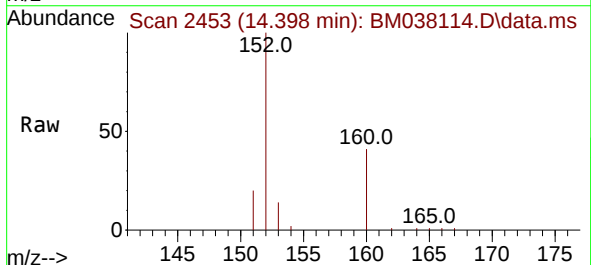
Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
141 93.1 73.6 110.4

Manual Integrations
APPROVED

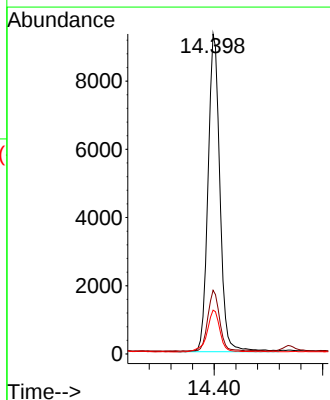
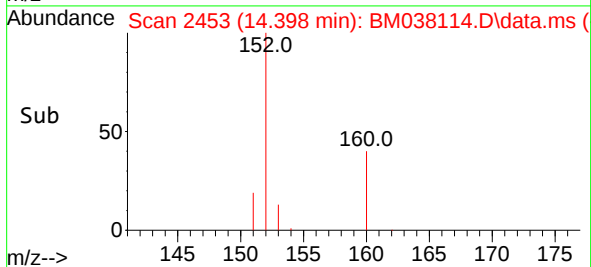
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

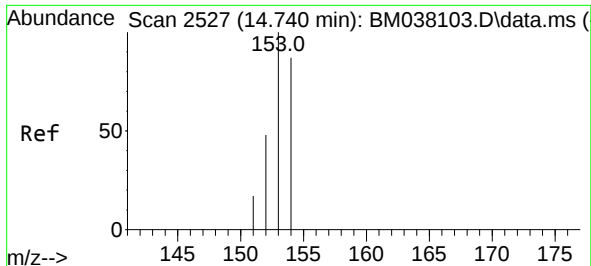


#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13



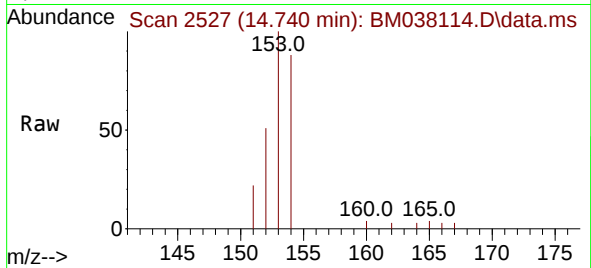
Tgt Ion:152 Resp: 14149
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.7 11.0 16.4





#11
Acenaphthene
Concen: 0.094 ng/u1
RT: 14.740 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

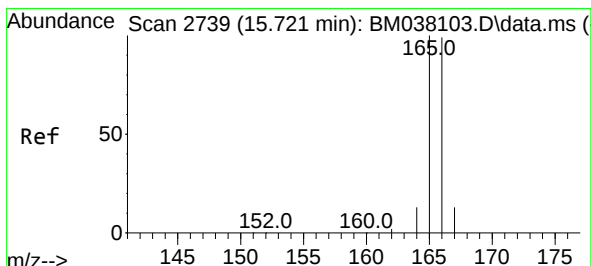
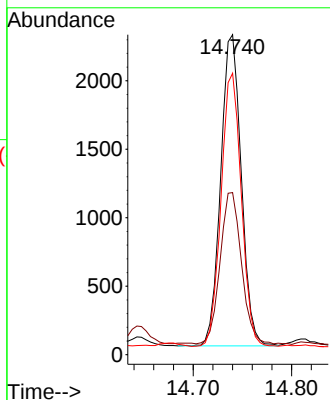
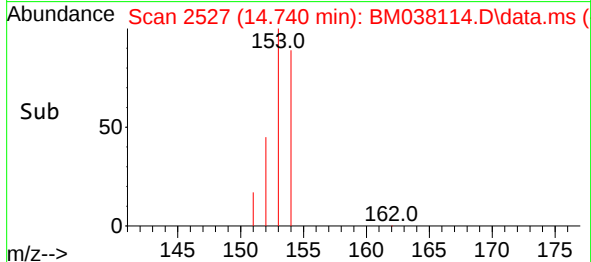
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



Tgt Ion:153 Resp: 3304
Ion Ratio Lower Upper
153 100
152 50.7 39.5 59.3
154 87.9 69.2 103.8

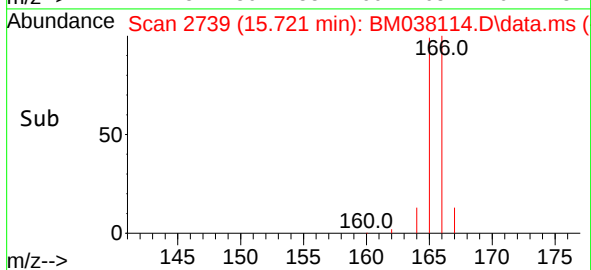
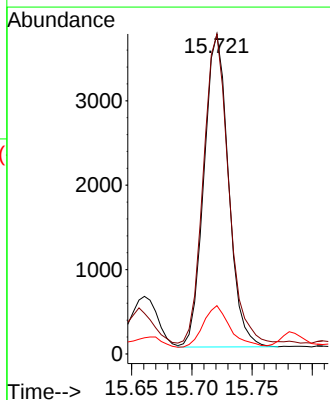
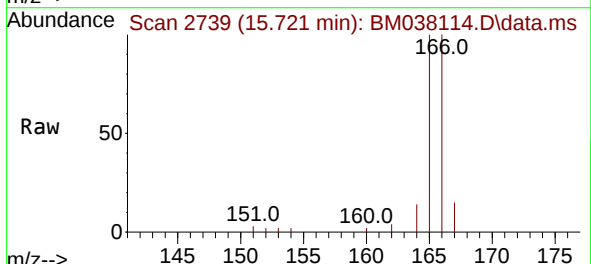
Manual Integrations
APPROVED

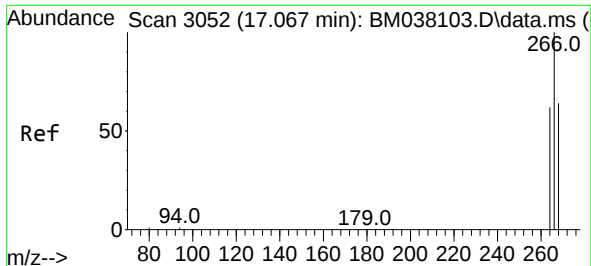
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#12
Fluorene
Concen: 0.134 ng/u1
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

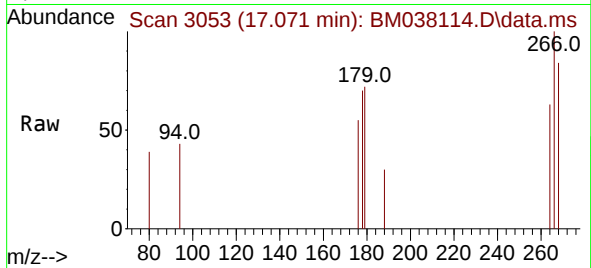
Tgt Ion:166 Resp: 5235
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.4
167 15.1 11.1 16.7





#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.071 min Scan# 3052
Delta R.T. 0.004 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

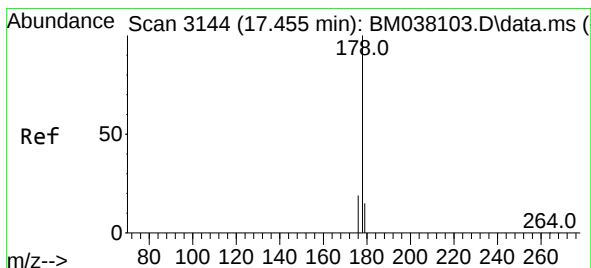
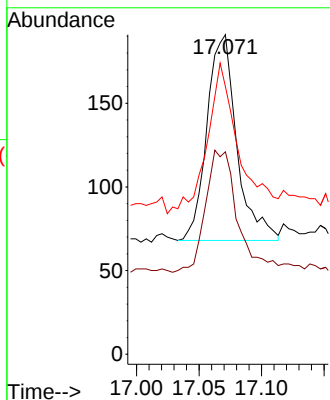
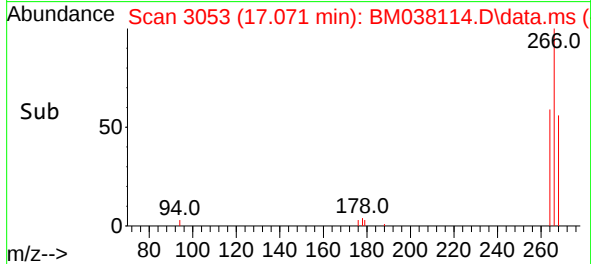
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



Tgt Ion:266 Resp: 204
Ion Ratio Lower Upper
266 100
264 65.7 49.9 74.9
268 77.0 52.0 78.0

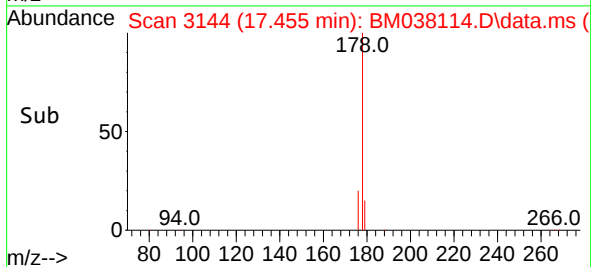
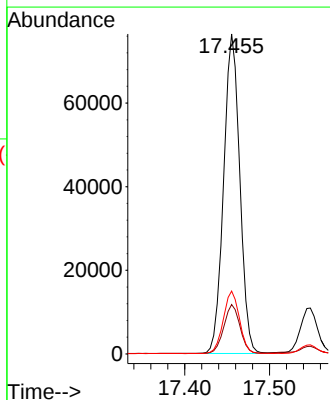
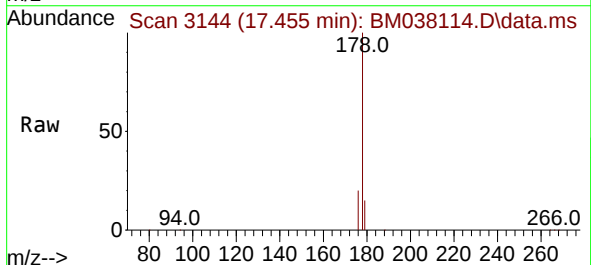
Manual Integrations
APPROVED

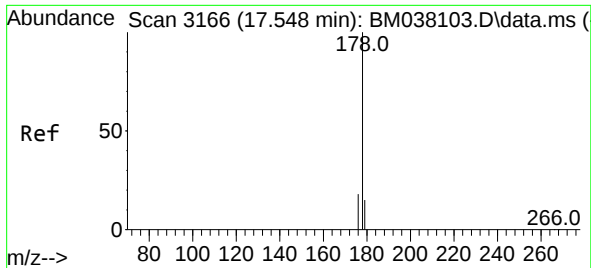
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#15
Phenanthrene
Concen: 1.681 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

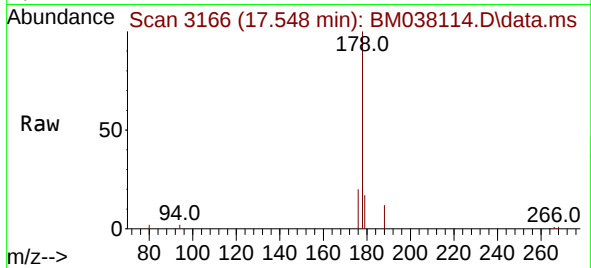
Tgt Ion:178 Resp: 101163
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.7 15.8 23.6





#16
 Anthracene
 Concen: 0.268 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.000 min
 Lab File: BM038114.D
 Acq: 19 Dec 2022 22:13

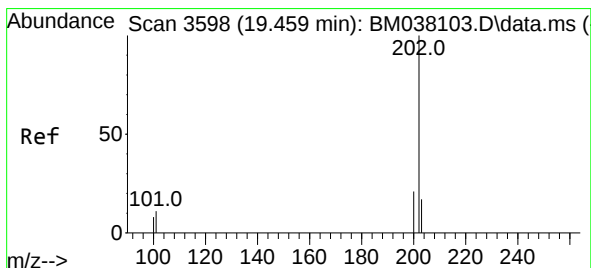
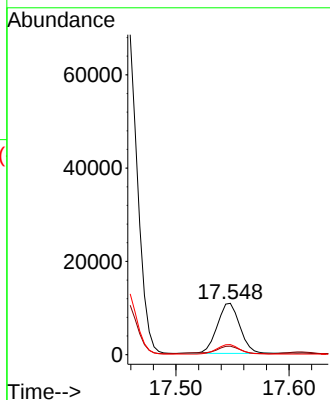
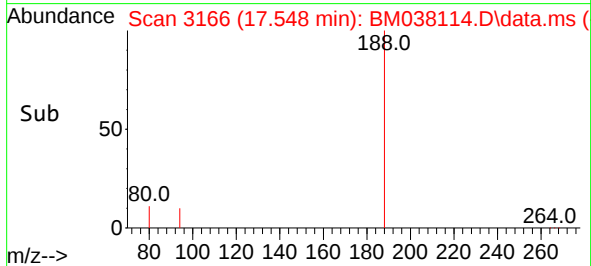
Instrument :
 BNA_M
 ClientSampleId :
 DBYC9DL



Tgt Ion:178 Resp: 14899
 Ion Ratio Lower Upper
 178 100
 179 16.6 13.0 19.4
 176 19.8 15.0 22.4

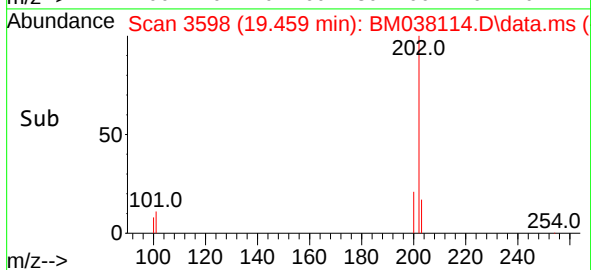
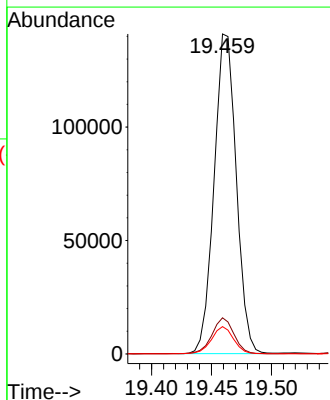
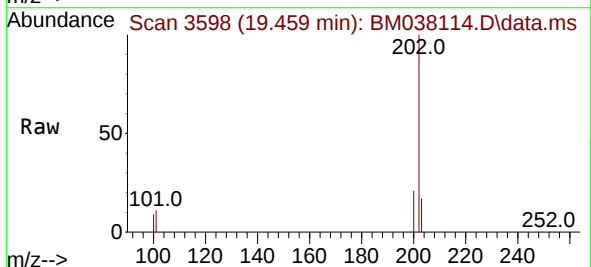
Manual Integrations
 APPROVED

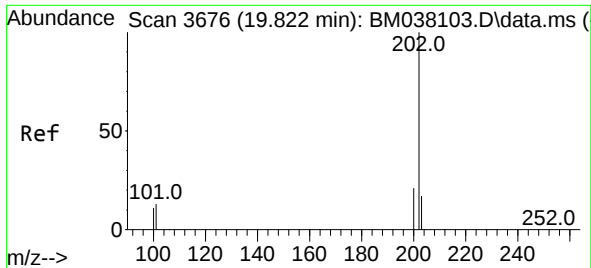
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#19
 Fluoranthene
 Concen: 2.649 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038114.D
 Acq: 19 Dec 2022 22:13

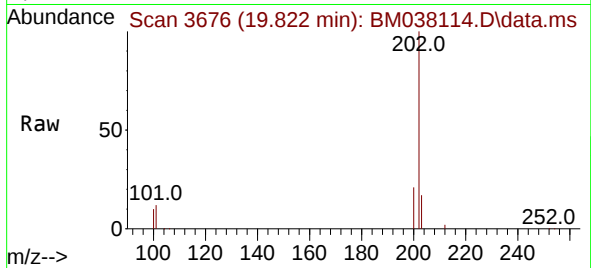
Tgt Ion:202 Resp: 181691
 Ion Ratio Lower Upper
 202 100
 101 11.3 10.6 15.8
 100 8.5 7.9 11.9





#20
Pyrene
Concen: 1.871 ng/ul
RT: 19.822 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

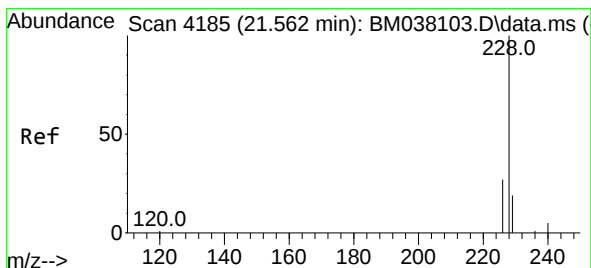
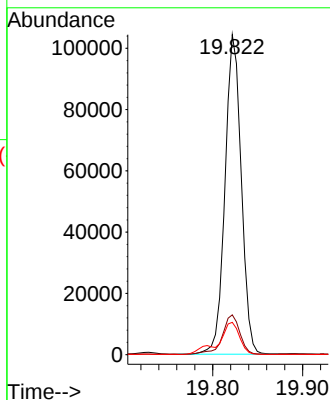
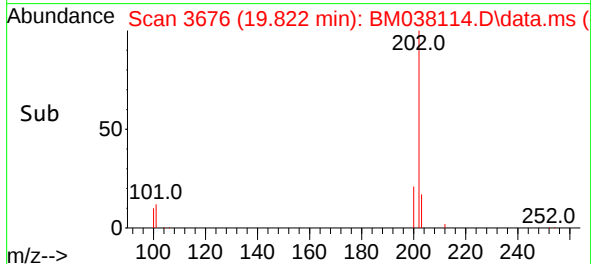
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



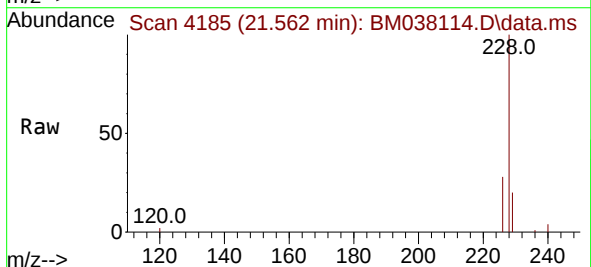
Tgt Ion:202 Resp: 13101
Ion Ratio Lower Upper
202 100
101 12.4 12.1 18.1
100 10.1 9.8 14.6

Manual Integrations
APPROVED

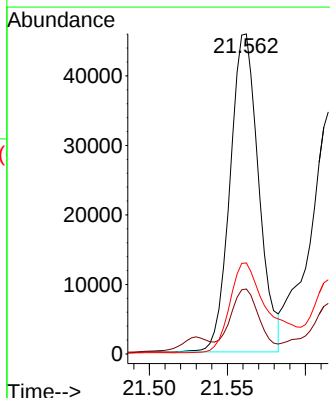
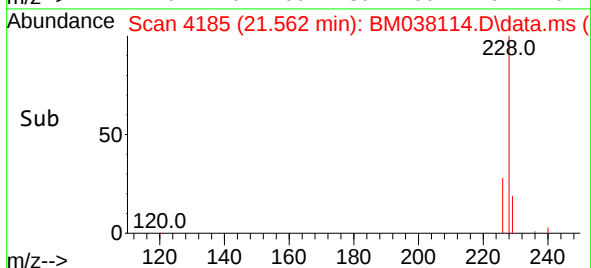
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

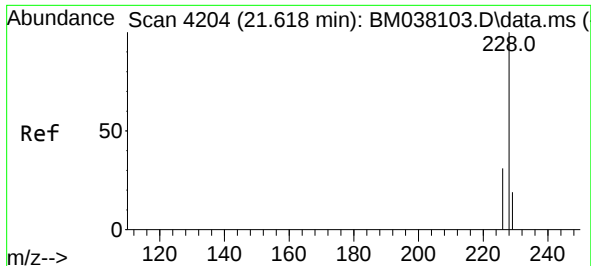


#21
Benzo(a)anthracene
Concen: 1.020 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13



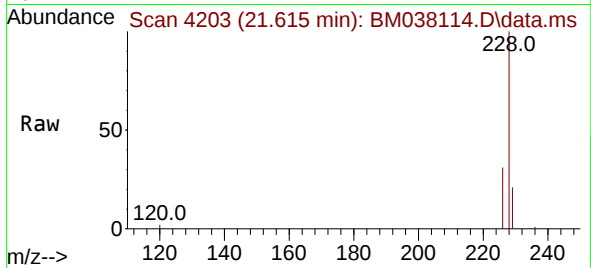
Tgt Ion:228 Resp: 58511
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.4 22.1 33.1





#22
Chrysene
Concen: 0.892 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

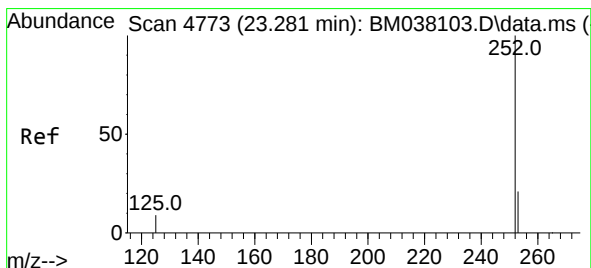
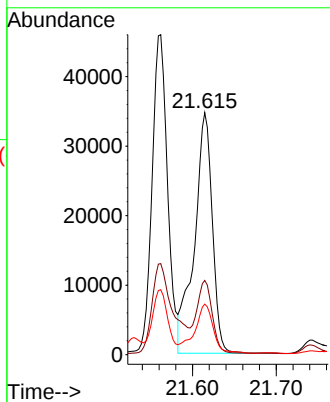
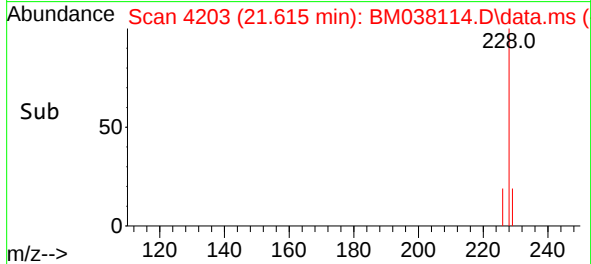
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



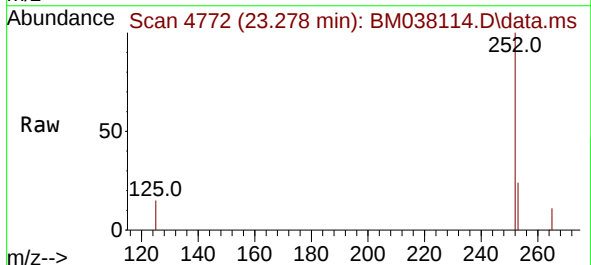
Tgt Ion:228 Resp: 5161
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 20.9 15.7 23.5

Manual Integrations
APPROVED

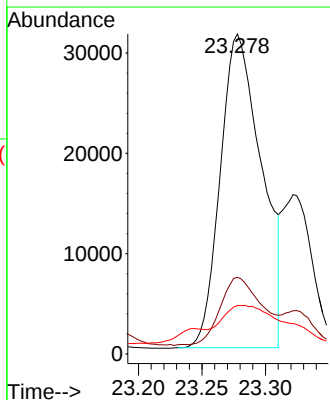
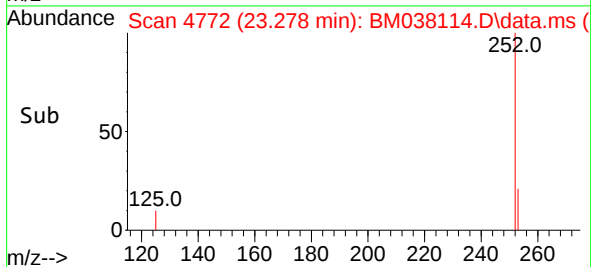
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

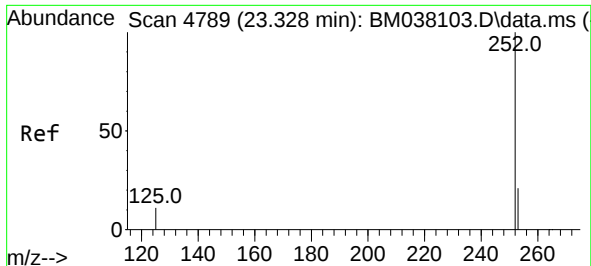


#24
Benzo(b)fluoranthene
Concen: 1.163 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13



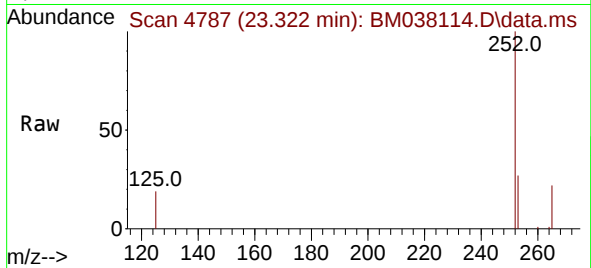
Tgt Ion:252 Resp: 70878
Ion Ratio Lower Upper
252 100
253 24.0 0.0 51.8
125 15.1 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul m
RT: 23.322 min Scan# 4789
Delta R.T. -0.009 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

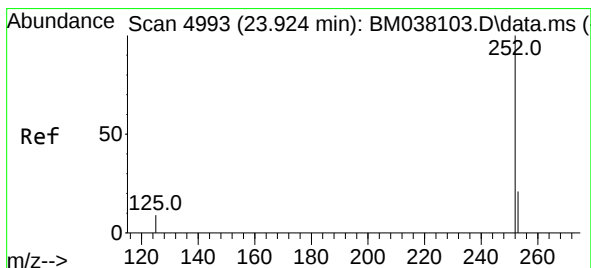
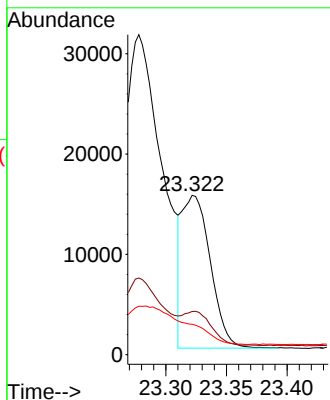
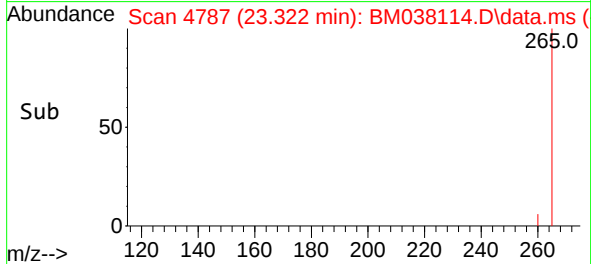
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



Tgt Ion:252 Resp: 24840
Ion Ratio Lower Upper
252 100
253 27.1 20.8 31.2
125 19.0 17.1 25.7

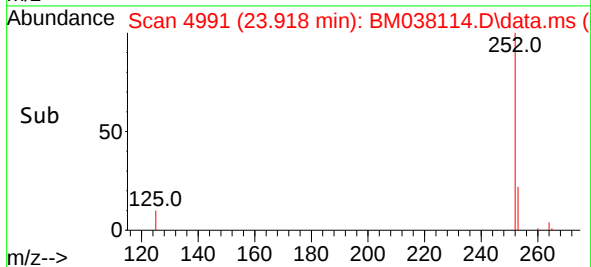
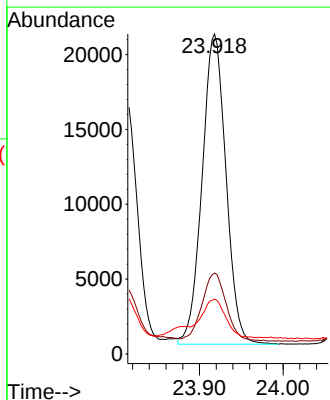
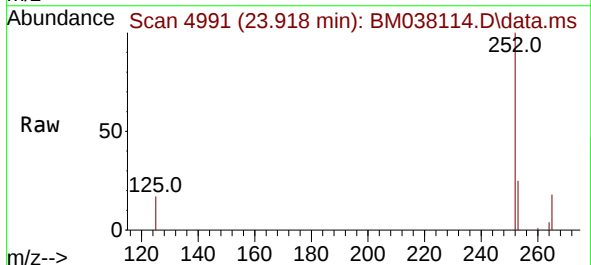
Manual Integrations
APPROVED

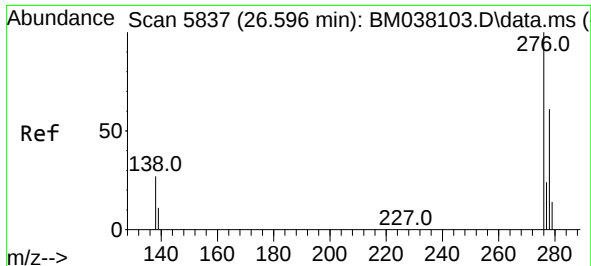
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.801 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

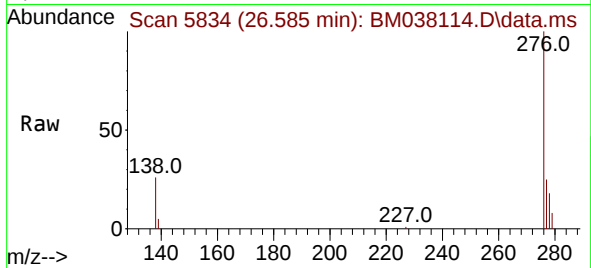
Tgt Ion:252 Resp: 41115
Ion Ratio Lower Upper
252 100
253 25.3 21.9 32.9
125 17.2 20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.013 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

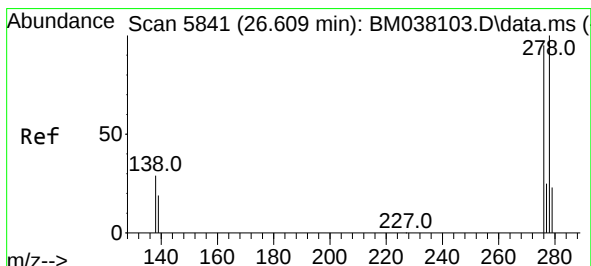
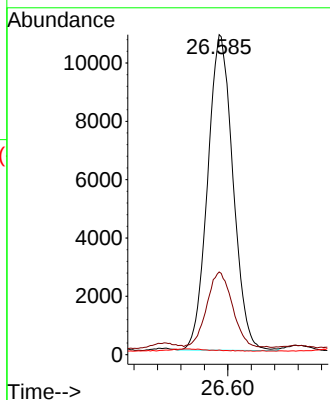
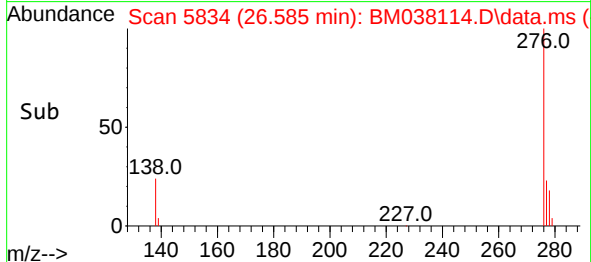
Instrument :
BNA_M
ClientSampleId :
DBYC9DL



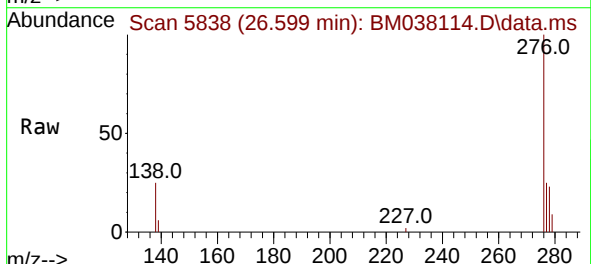
Tgt Ion:276 Resp: 3238
Ion Ratio Lower Upper
276 100
138 25.0 26.6 40.0
227 0.0 0.1 0.1

Manual Integrations
APPROVED

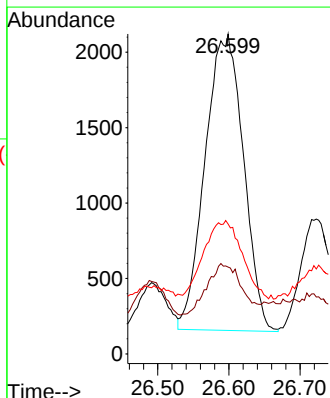
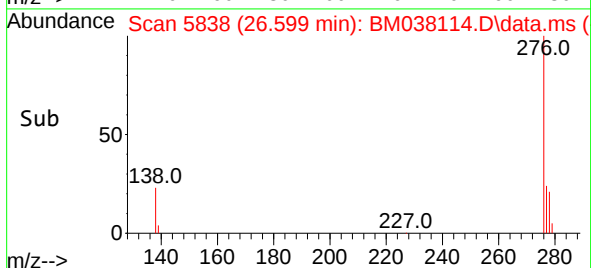
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

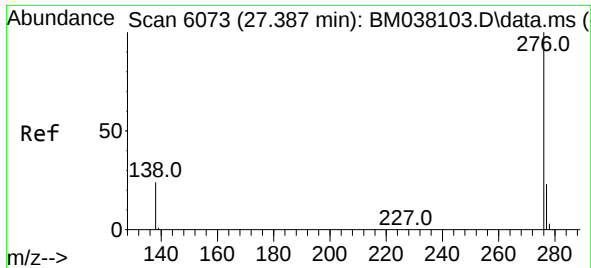


#28
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13



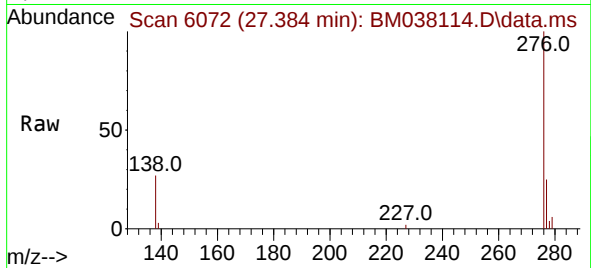
Tgt Ion:278 Resp: 7341
Ion Ratio Lower Upper
278 100
139 27.2 19.0 28.6
279 40.6 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL



Tgt Ion: 276 Resp: 2453
Ion Ratio Lower Upper
276 100
138 27.2 24.1 36.1
277 24.8 19.0 28.6

Manual Integrations
APPROVED

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

