

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038117.D
 Acq On : 20 Dec 2022 00:02
 Operator : CG/JU
 Sample : N6006-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY9DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 00:47:12 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	6291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	19365	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.675	164	10625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	21297	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.577	240	15374	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	14620	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8840	1.028	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	2200	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	4223	0.076	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.917	128	3263	0.056	ng/ul#	93
7) 2-Methylnaphthalene	12.517	142	1323	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	1076	0.029	ng/ul	100
10) Acenaphthylene	14.398	152	6007	0.108	ng/ul	96
11) Acenaphthene	14.740	153	1709	0.040	ng/ul	99
12) Fluorene	15.721	166	1745	0.037	ng/ul#	93
15) Phenanthrene	17.455	178	44631	0.622	ng/ul	100
16) Anthracene	17.544	178	9817	0.148	ng/ul	96
19) Fluoranthene	19.459	202	132246	1.665	ng/ul	95
20) Pyrene	19.822	202	114334m	1.410	ng/ul	
21) Benzo(a)anthracene	21.559	228	60284	0.908	ng/ul	99
22) Chrysene	21.615	228	61938	0.924	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	87195	1.258	ng/ul	91
25) Benzo(k)fluoranthene	23.322	252	30857m	0.461	ng/ul	
26) Benzo(a)pyrene	23.918	252	55959	0.958	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.585	276	41600	0.568	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.595	278	9861	0.173	ng/ul#	90
29) Benzo(g,h,i)perylene	27.380	276	38508	0.618	ng/ul	96

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

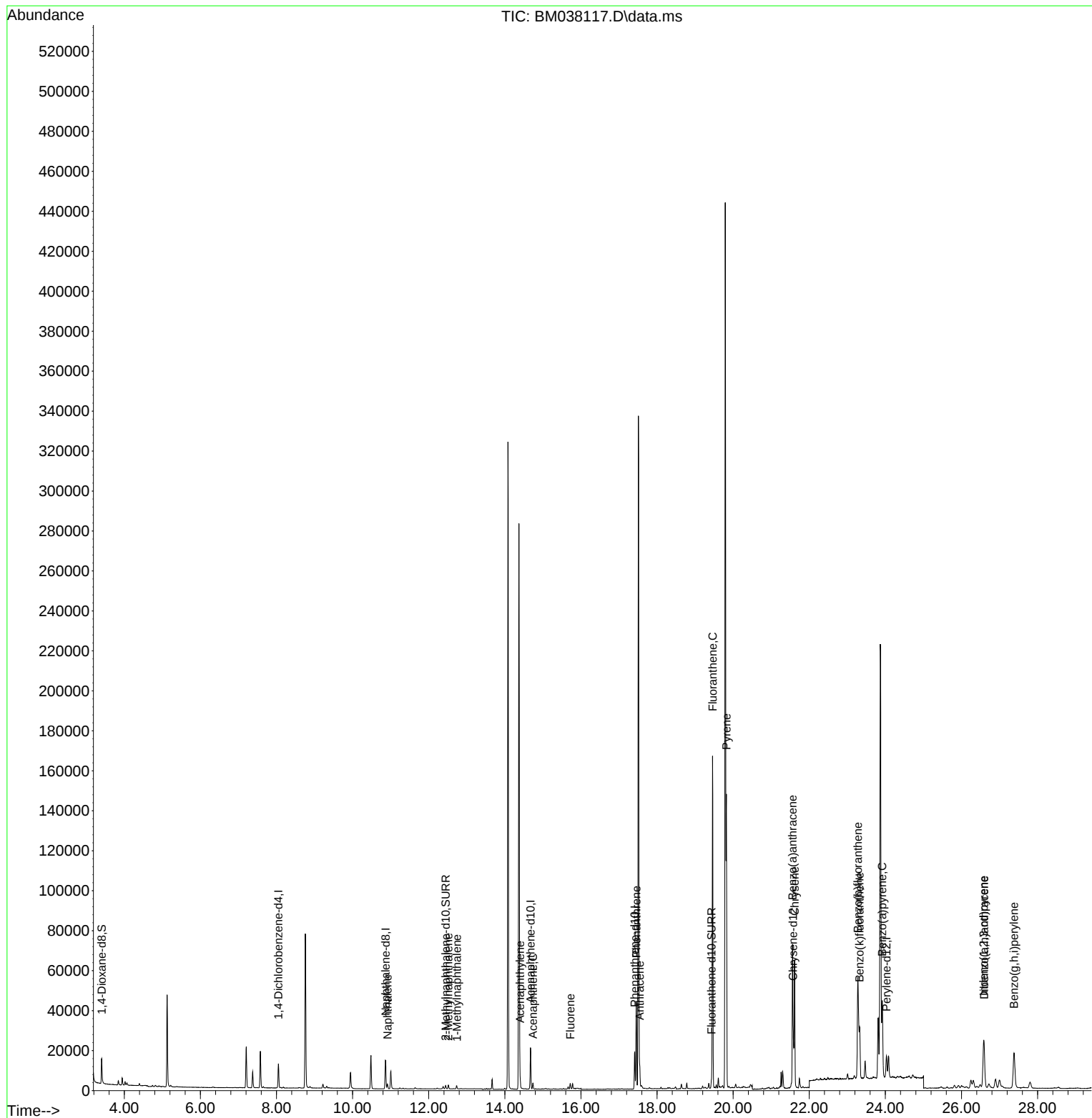
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038117.D
Acq On : 20 Dec 2022 00:02
Operator : CG/JU
Sample : N6006-01DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

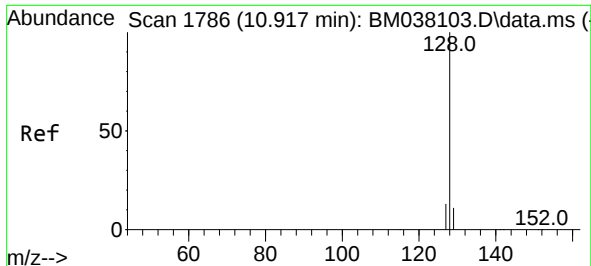
Instrument :
BNA_M
ClientSampleId :
DBXY9DL

Manual Integrations
APPROVED

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

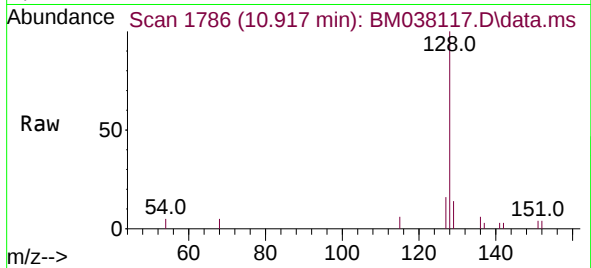
Quant Time: Dec 20 00:47:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

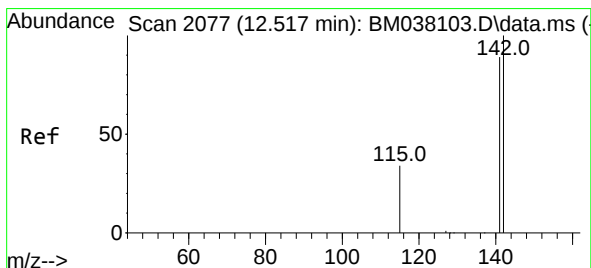
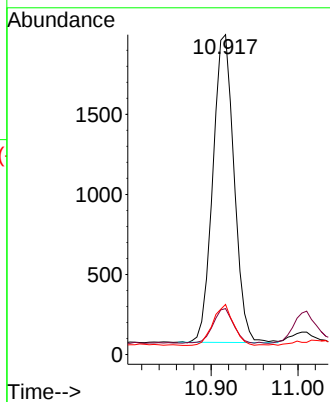
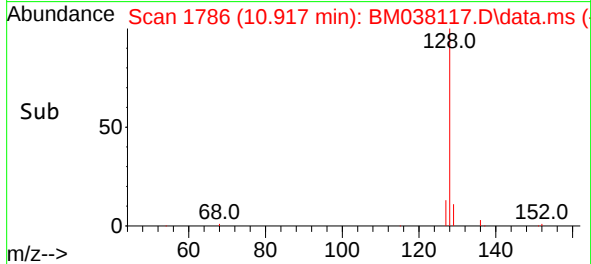
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



Tgt Ion:128 Resp: 3263
Ion Ratio Lower Upper
128 100
129 14.4 9.1 13.7
127 15.7 10.4 15.6

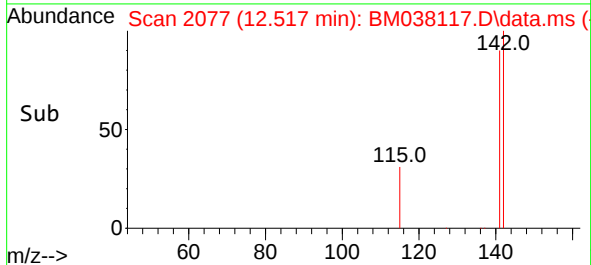
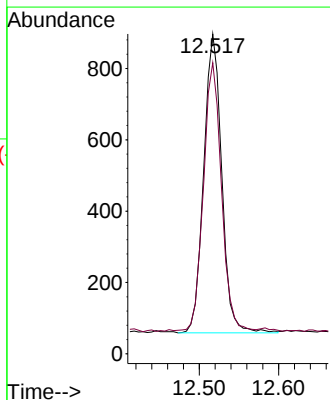
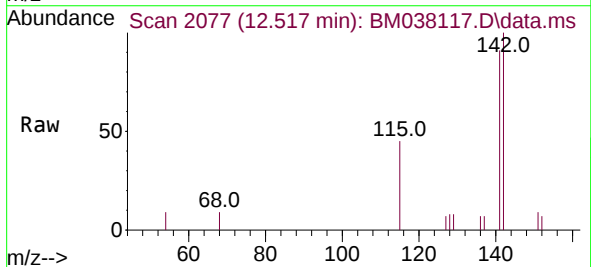
Manual Integrations
APPROVED

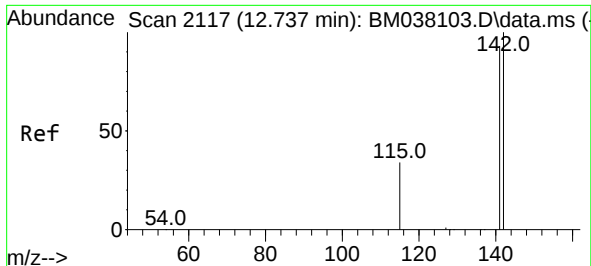
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

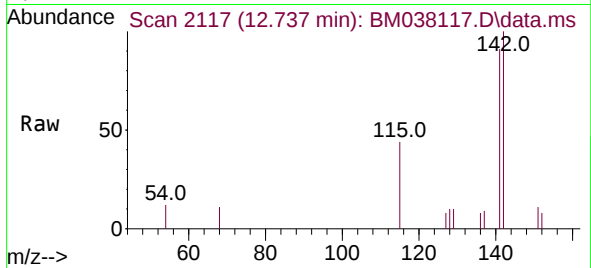
Tgt Ion:142 Resp: 1323
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

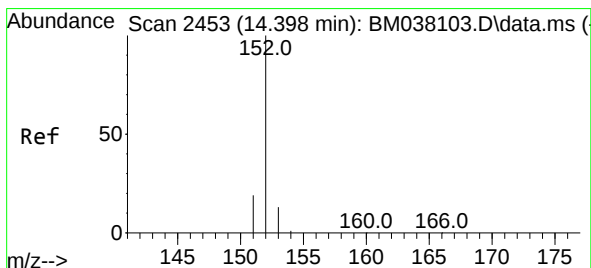
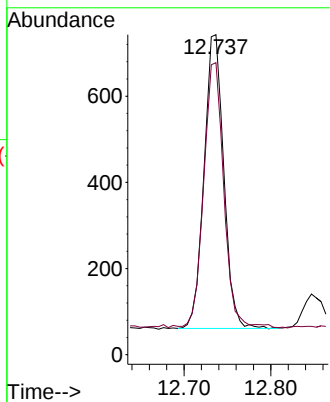
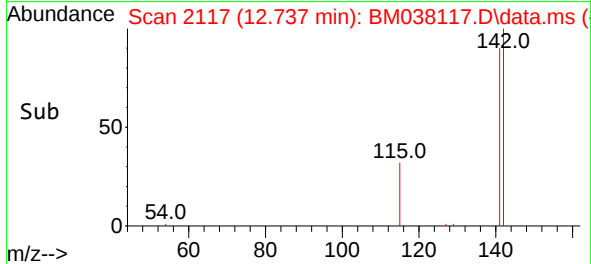
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



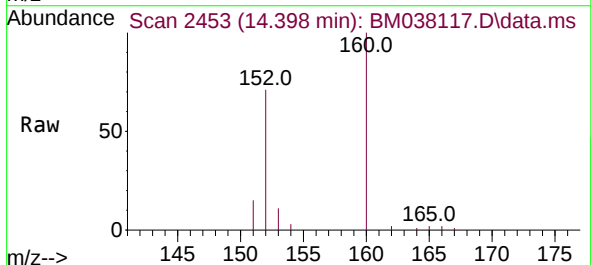
Tgt Ion:142 Resp: 1076
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4

Manual Integrations
APPROVED

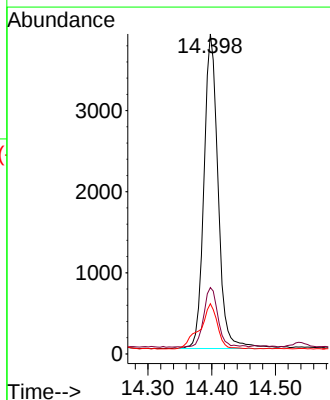
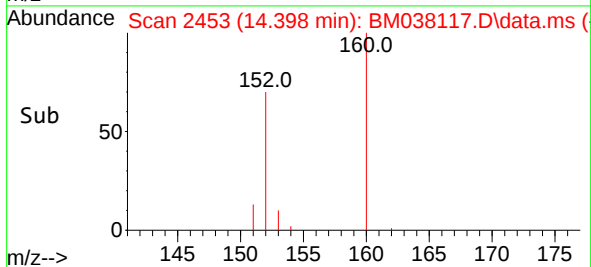
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

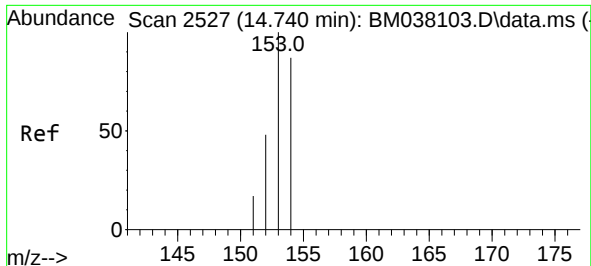


#10
Acenaphthylene
Concen: 0.108 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02



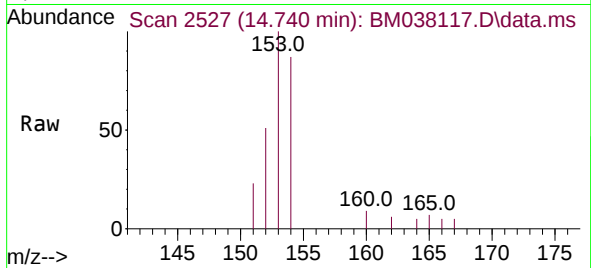
Tgt Ion:152 Resp: 6007
Ion Ratio Lower Upper
152 100
151 20.7 15.5 23.3
153 15.7 11.0 16.4





#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

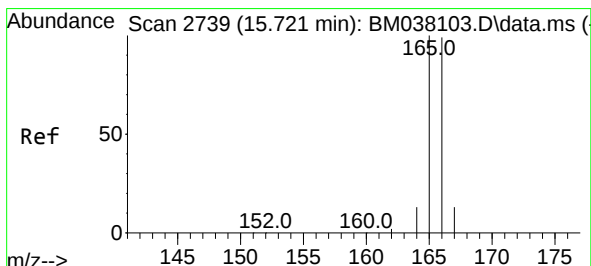
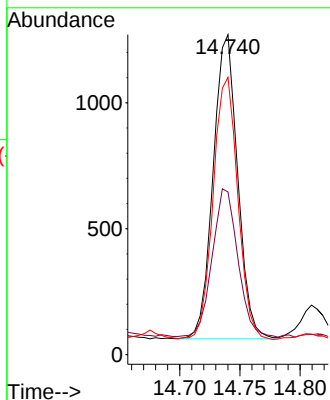
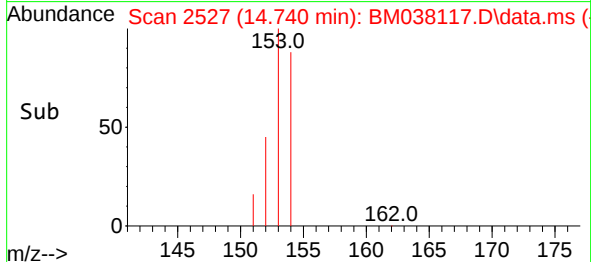
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



Tgt Ion:153 Resp: 1709
Ion Ratio Lower Upper
153 100
152 50.8 39.5 59.3
154 86.6 69.2 103.8

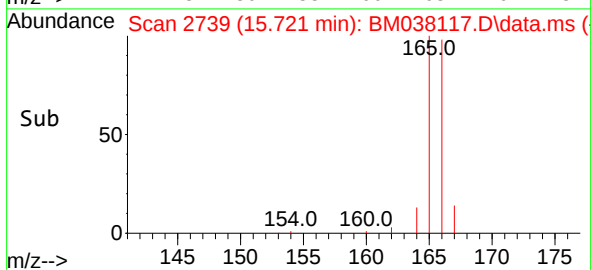
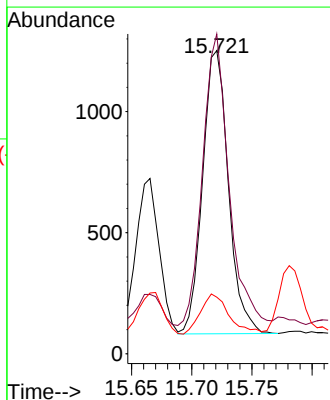
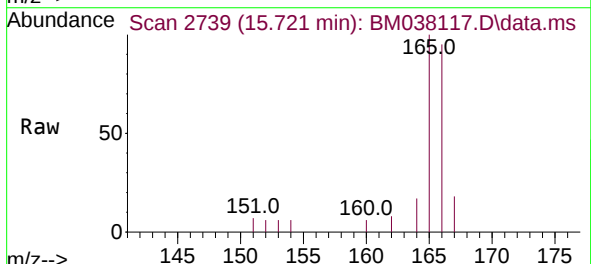
Manual Integrations
APPROVED

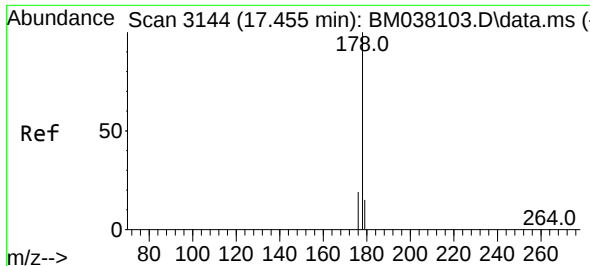
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

Tgt Ion:166 Resp: 1745
Ion Ratio Lower Upper
166 100
165 105.5 79.0 118.4
167 18.7 11.1 16.7#





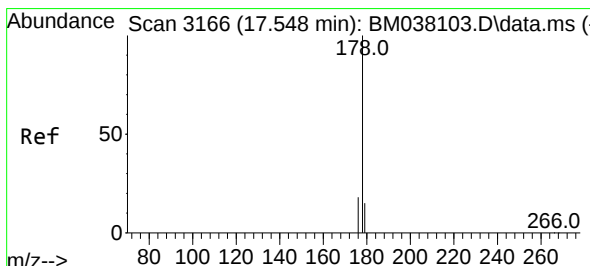
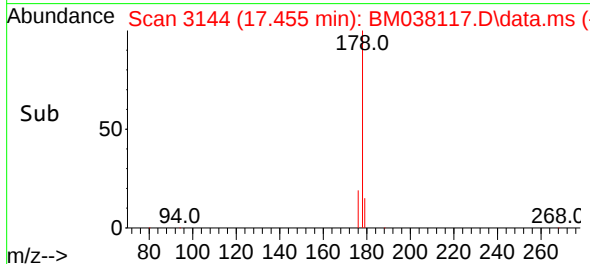
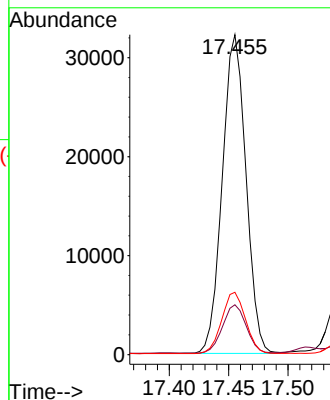
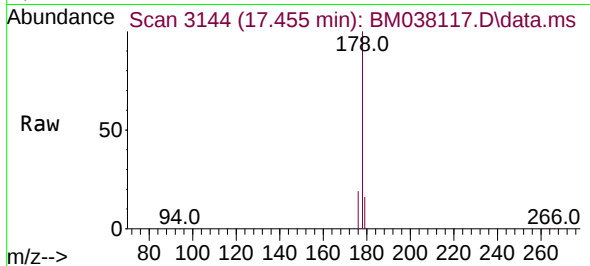
#15
Phenanthrene
Concen: 0.622 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

Instrument :
BNA_M
ClientSampleId :
DBXY9DL

Tgt Ion:178	Resp:	4463
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	19.5	15.8 23.6

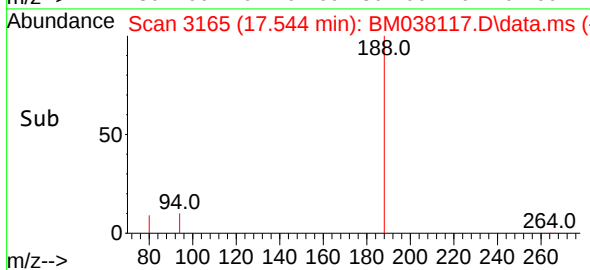
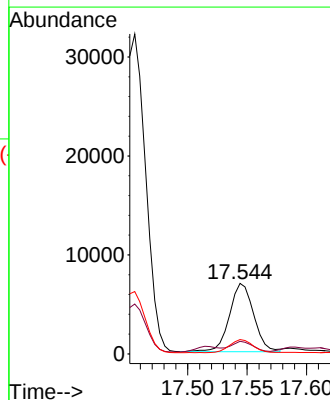
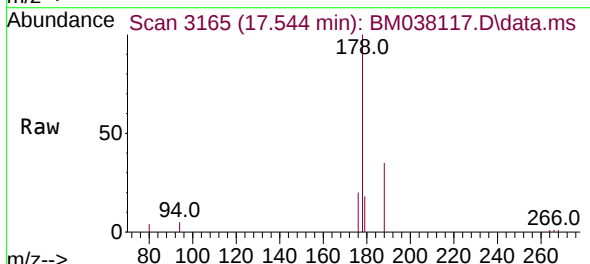
Manual Integrations
APPROVED

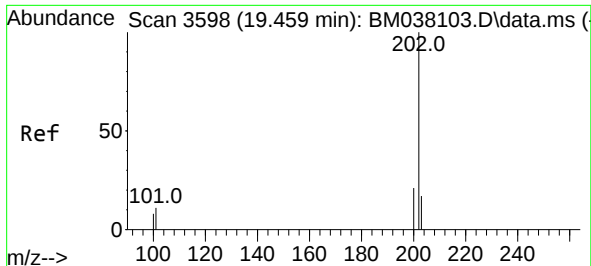
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
Anthracene
Concen: 0.148 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

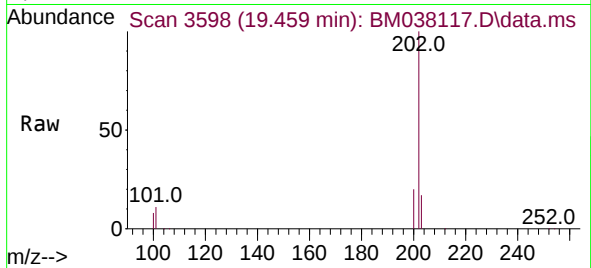
Tgt Ion:178	Resp:	9817
Ion Ratio	Lower	Upper
178	100	
179	17.9	13.0 19.4
176	20.2	15.0 22.4





#19
Fluoranthene
Concen: 1.665 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

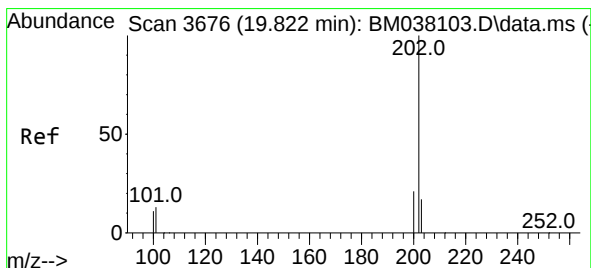
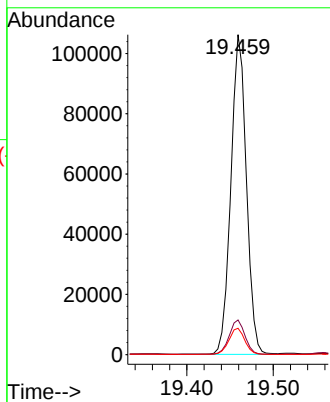
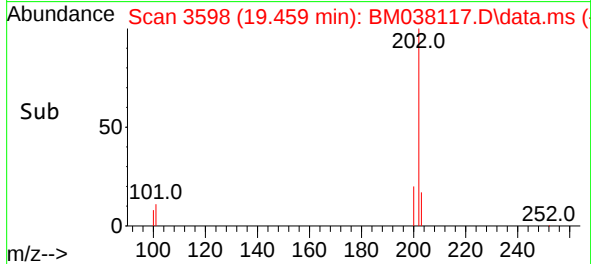
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



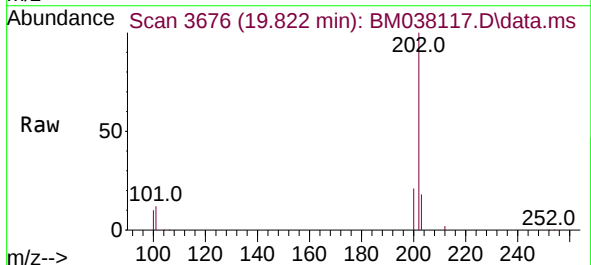
Tgt Ion:202 Resp: 132246
Ion Ratio Lower Upper
202 100
101 10.8 10.6 15.8
100 8.2 7.9 11.9

Manual Integrations
APPROVED

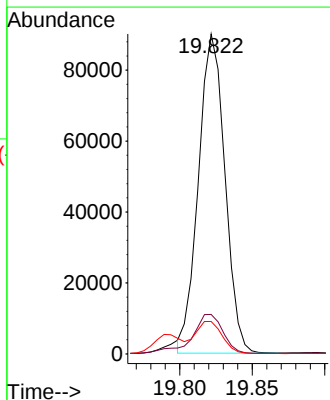
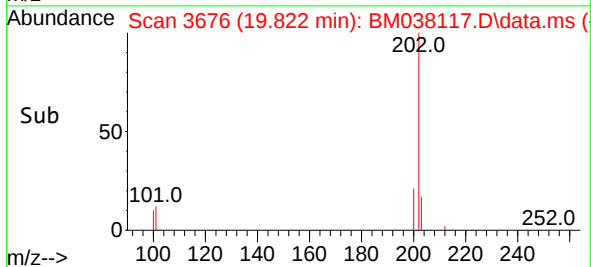
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

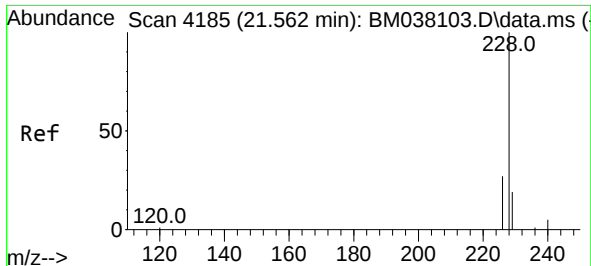


#20
Pyrene
Concen: 1.410 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02



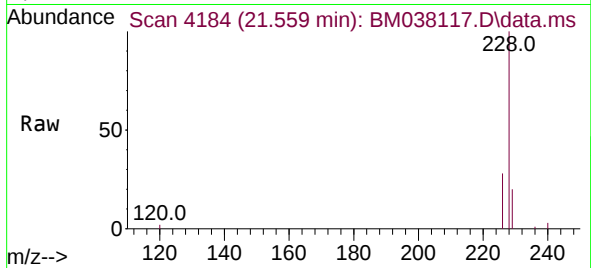
Tgt Ion:202 Resp: 114334
Ion Ratio Lower Upper
202 100
101 12.4 12.1 18.1
100 10.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.908 ng/ul
RT: 21.559 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

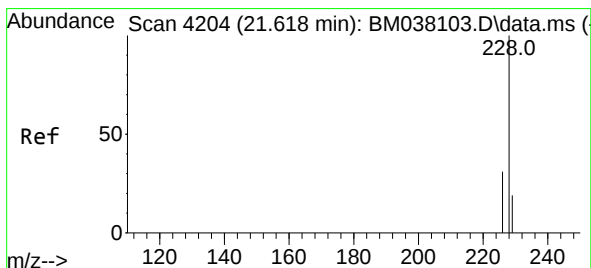
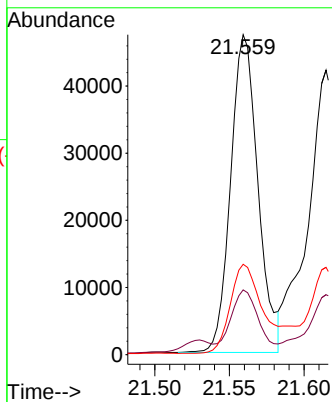
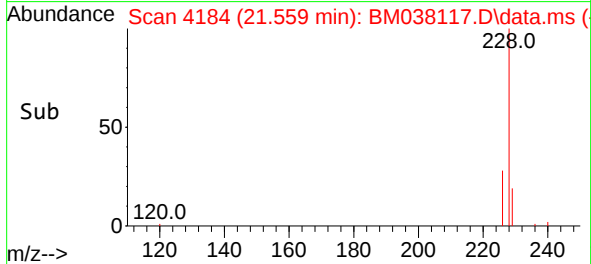
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



Tgt Ion:228 Resp: 60284
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.2 22.1 33.1

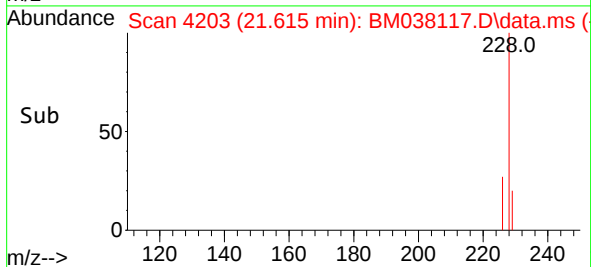
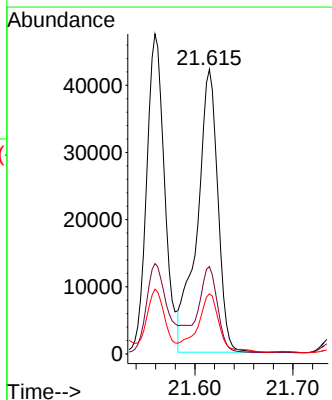
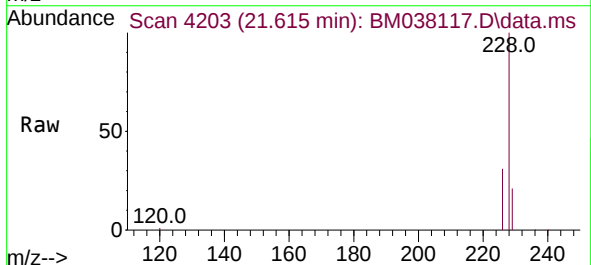
Manual Integrations
APPROVED

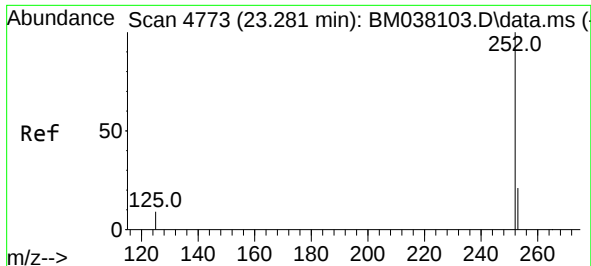
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#22
Chrysene
Concen: 0.924 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

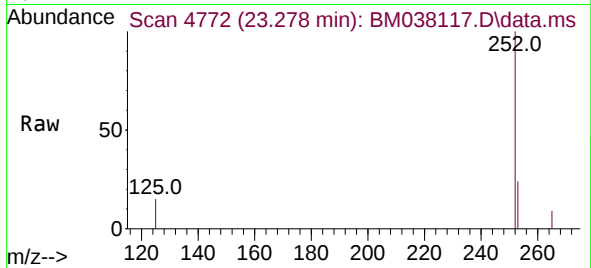
Tgt Ion:228 Resp: 61938
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.258 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

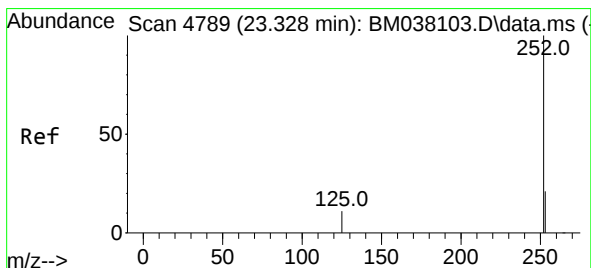
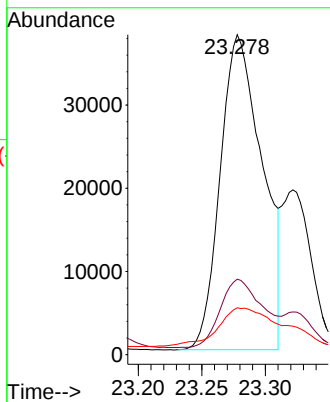
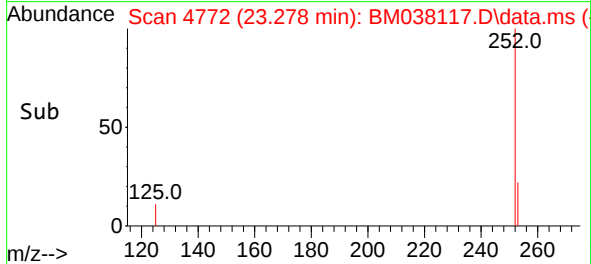
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



Tgt Ion:252 Resp: 87195
Ion Ratio Lower Upper
252 100
253 23.6 0.0 51.8
125 14.6 0.0 42.2

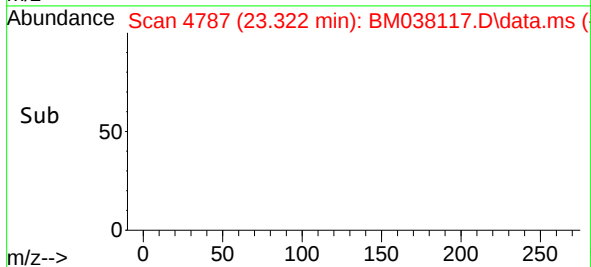
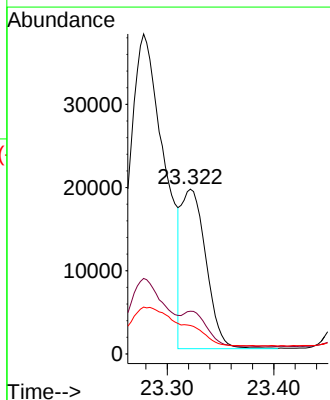
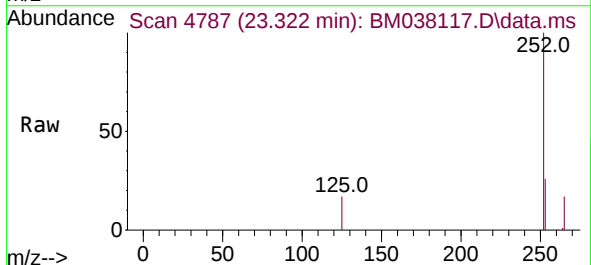
Manual Integrations
APPROVED

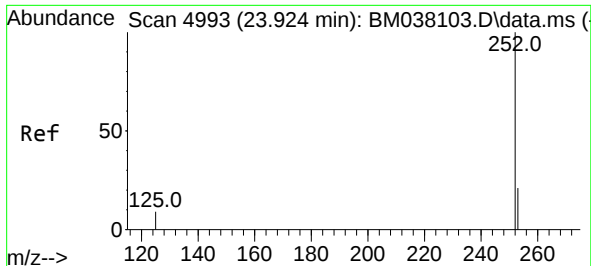
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#25
Benzo(k)fluoranthene
Concen: 0.461 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. -0.009 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

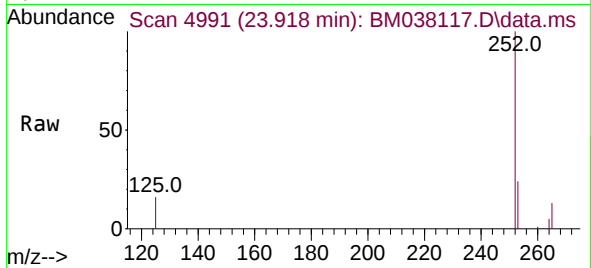
Tgt Ion:252 Resp: 30857
Ion Ratio Lower Upper
252 100
253 25.9 20.8 31.2
125 17.3 17.1 25.7





#26
Benzo(a)pyrene
Concen: 0.958 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

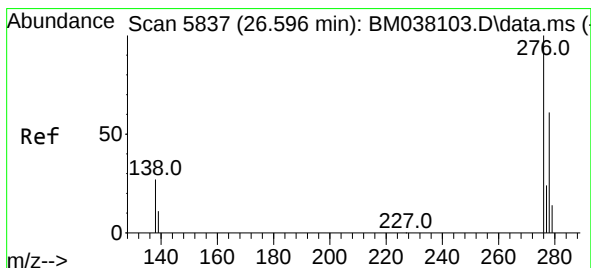
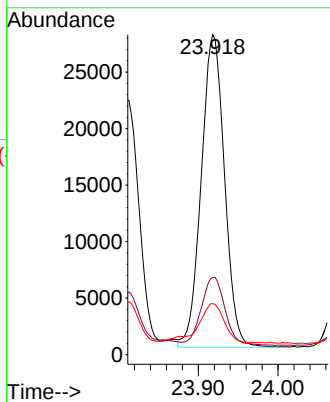
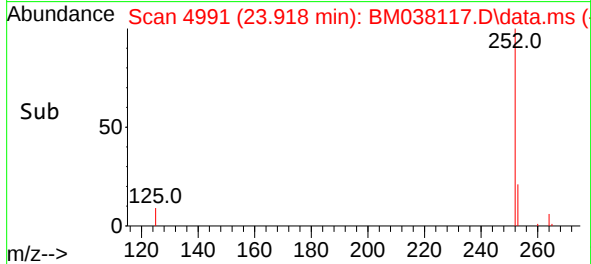
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



Tgt Ion:252 Resp: 55959
Ion Ratio Lower Upper
252 100
253 24.2 21.9 32.9
125 15.9 20.7 31.1

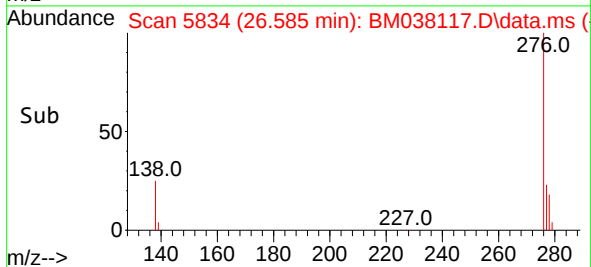
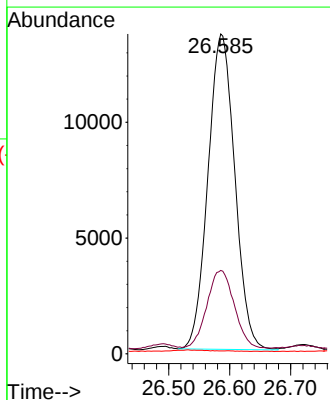
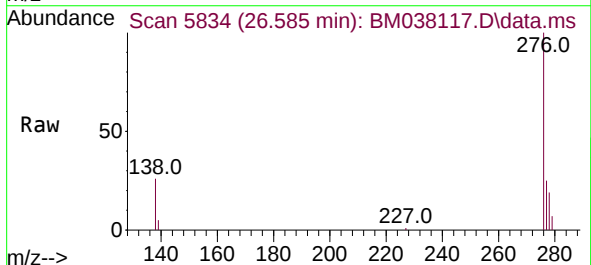
Manual Integrations
APPROVED

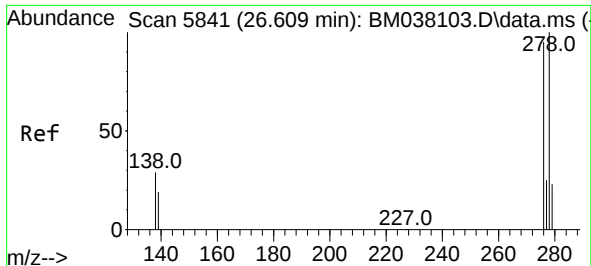
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.568 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.013 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

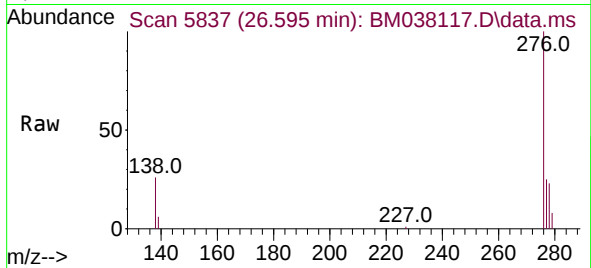
Tgt Ion:276 Resp: 41600
Ion Ratio Lower Upper
276 100
138 25.5 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 26.595 min Scan# 5841
Delta R.T. -0.020 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02

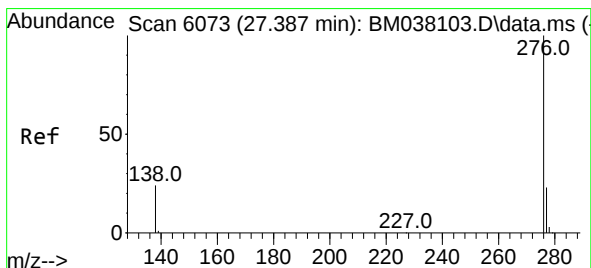
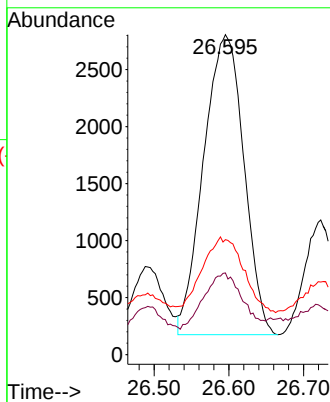
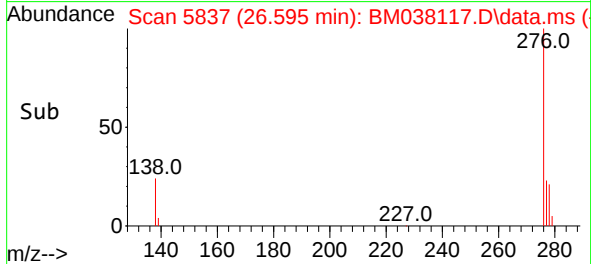
Instrument :
BNA_M
ClientSampleId :
DBXY9DL



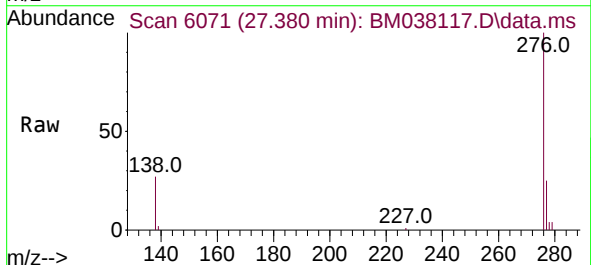
Tgt Ion:278 Resp: 986
Ion Ratio Lower Upper
278 100
139 25.5 19.0 28.6
279 35.9 22.4 33.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.618 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. -0.013 min
Lab File: BM038117.D
Acq: 20 Dec 2022 00:02



Tgt Ion:276 Resp: 38508
Ion Ratio Lower Upper
276 100
138 26.7 24.1 36.1
277 24.7 19.0 28.6

