

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037130.D
 Acq On : 18 Oct 2022 01:55
 Operator : CG/JU
 Sample : N4984-10DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNM2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 02:37:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	5074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	18587	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.552	164	9836	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	19139	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	11872	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	9509	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	9429	1.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	2100	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	3756	0.106	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.771	128	20830	0.392	ng/ul	97
7) 2-Methylnaphthalene	12.382	142	14558	0.448	ng/ul	92
8) 1-Methylnaphthalene	12.602	142	11711	0.355	ng/ul	99
10) Acenaphthylene	14.270	152	3667	0.090	ng/ul#	84
11) Acenaphthene	14.612	153	6793	0.191	ng/ul	100
12) Fluorene	15.593	166	7229	0.180	ng/ul#	95
15) Phenanthrene	17.330	178	133576	2.186	ng/ul	99
16) Anthracene	17.423	178	18392	0.360	ng/ul	99
19) Fluoranthene	19.340	202	135551	2.871	ng/ul	98
20) Pyrene	19.703	202	108635m	2.206	ng/ul	
21) Benzo(a)anthracene	21.447	228	42793	0.998	ng/ul	99
22) Chrysene	21.497	228	44256	0.961	ng/ul	98
24) Benzo(b)fluoranthene	23.119	252	52441	1.234	ng/ul	91
25) Benzo(k)fluoranthene	23.163	252	18127m	0.438	ng/ul	
26) Benzo(a)pyrene	23.739	252	34962	1.014	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.316	276	24369	0.499	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.326	278	5872	0.149	ng/ul#	92
29) Benzo(g,h,i)perylene	27.081	276	18616	0.433	ng/ul	98

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

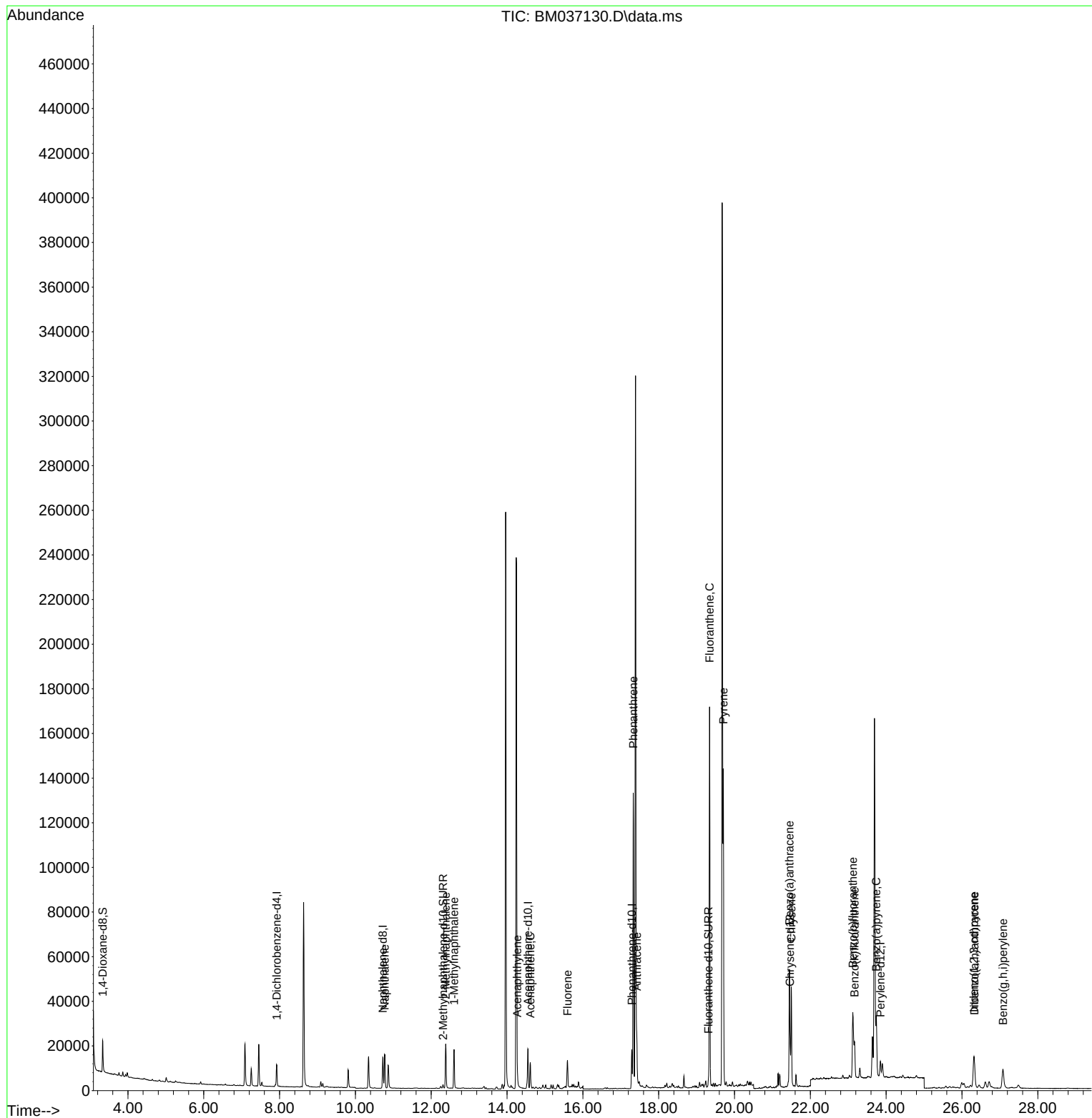
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037130.D
Acq On : 18 Oct 2022 01:55
Operator : CG/JU
Sample : N4984-10DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

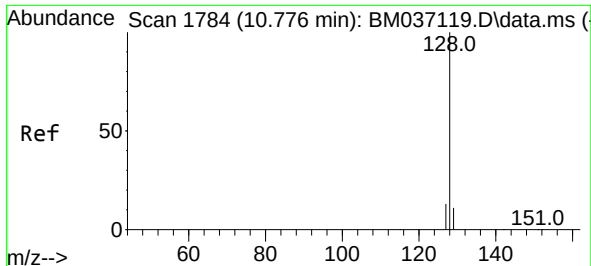
Instrument :
BNA_M
ClientSampleId :
BGNM2DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

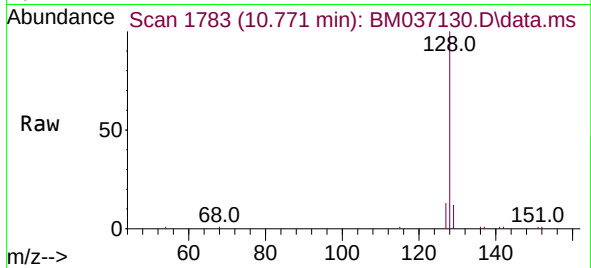
Quant Time: Oct 18 02:37:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.771 min Scan# 1784
Delta R.T. -0.011 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

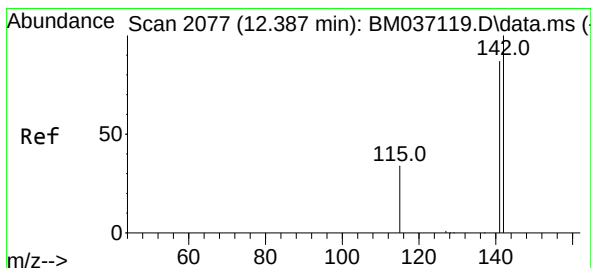
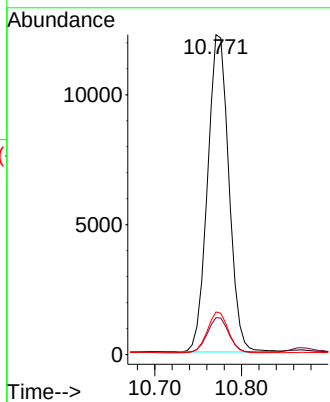
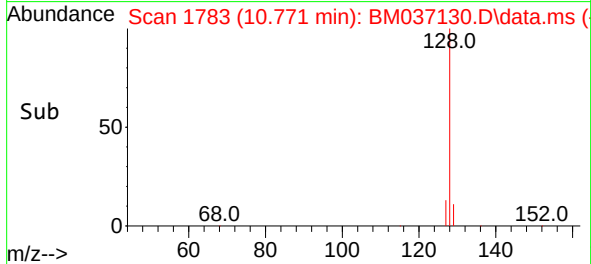
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



Tgt Ion:128 Resp: 20830
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.3 11.7 17.5

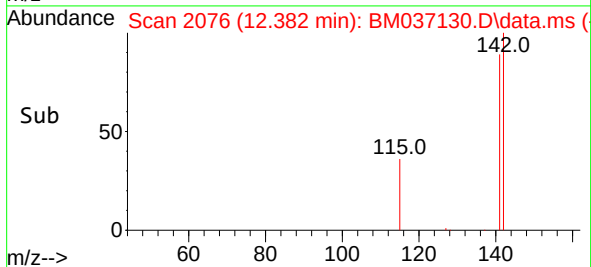
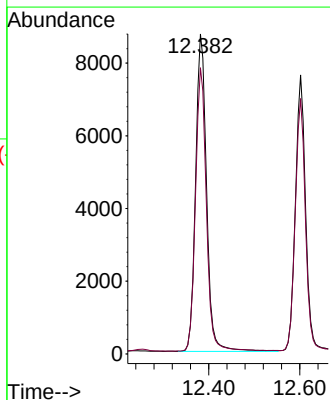
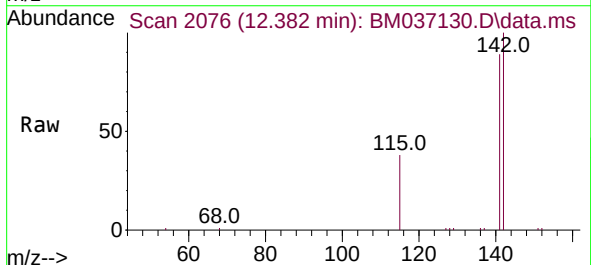
Manual Integrations
APPROVED

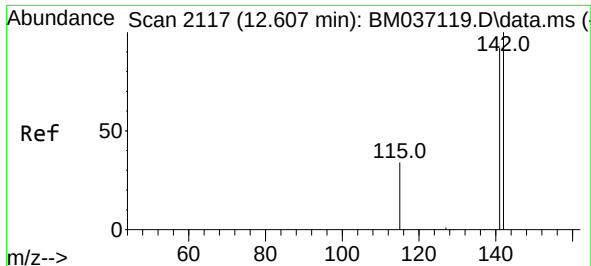
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

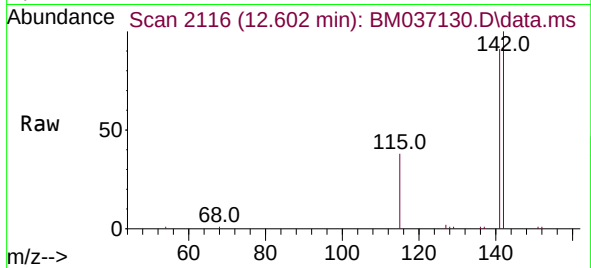
Tgt Ion:142 Resp: 14558
Ion Ratio Lower Upper
142 100
141 88.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.602 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

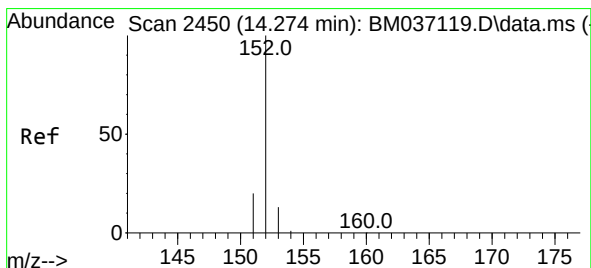
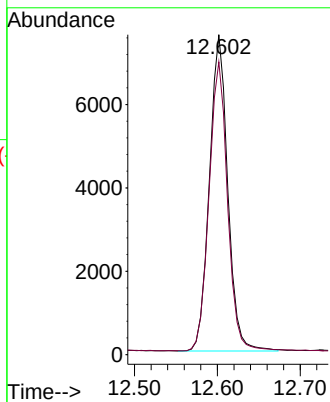
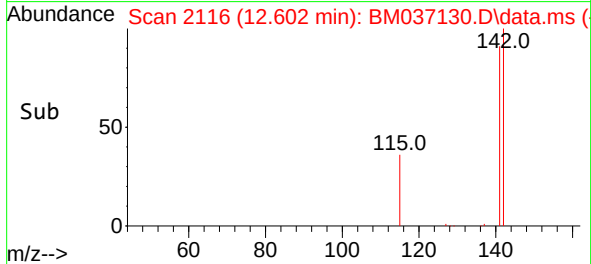
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



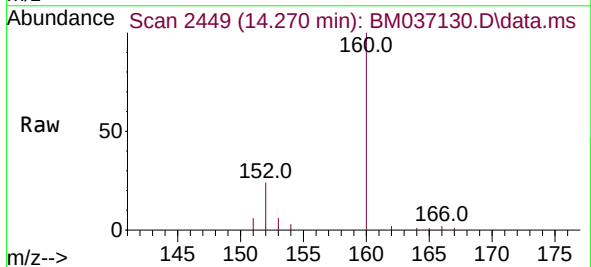
Tgt Ion:142 Resp: 1171
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

Manual Integrations
APPROVED

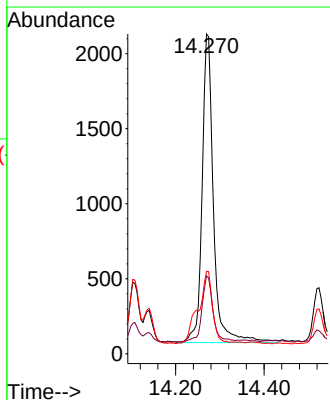
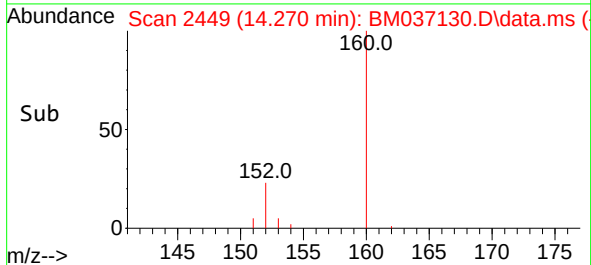
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

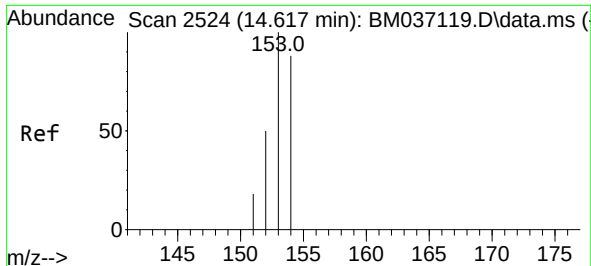


#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55



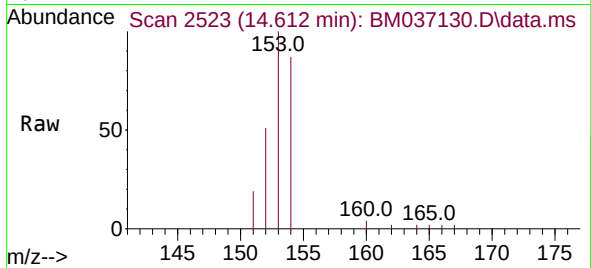
Tgt Ion:152 Resp: 3667
Ion Ratio Lower Upper
152 100
151 24.4 16.6 24.8
153 25.8 11.4 17.0#





#11
Acenaphthene
Concen: 0.191 ng/uI
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

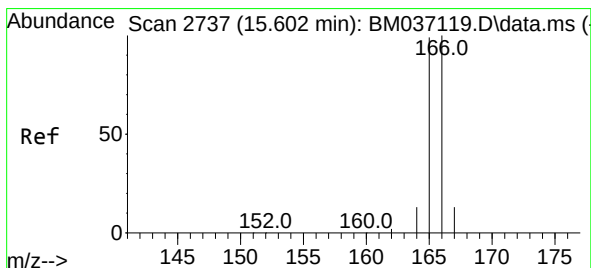
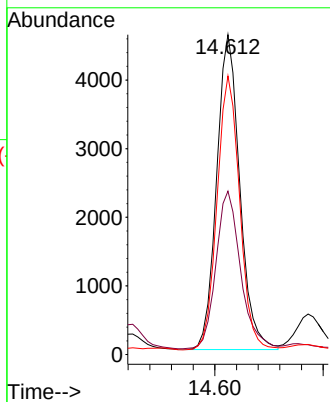
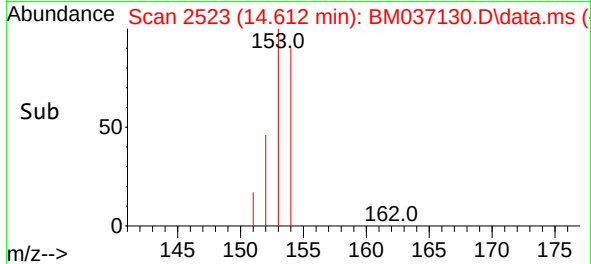
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



Tgt Ion:153 Resp: 6793
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 87.1 69.7 104.5

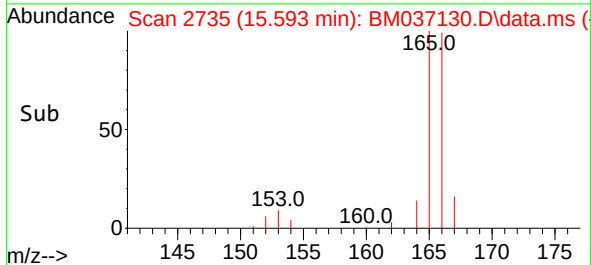
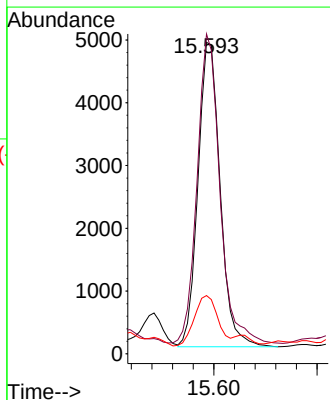
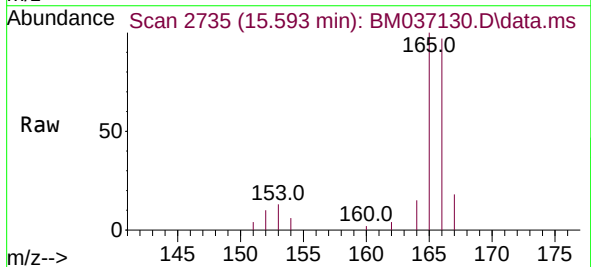
Manual Integrations
APPROVED

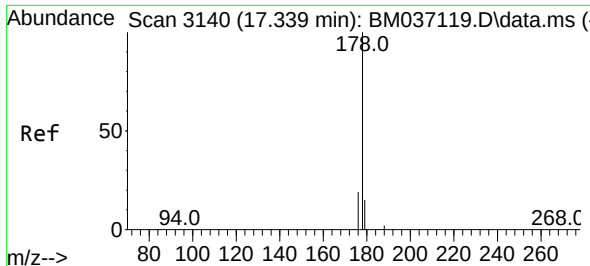
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#12
Fluorene
Concen: 0.180 ng/uI
RT: 15.593 min Scan# 2735
Delta R.T. -0.009 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

Tgt Ion:166 Resp: 7229
Ion Ratio Lower Upper
166 100
165 102.7 78.9 118.3
167 18.7 11.3 16.9#





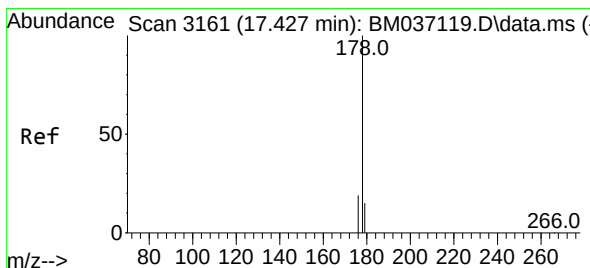
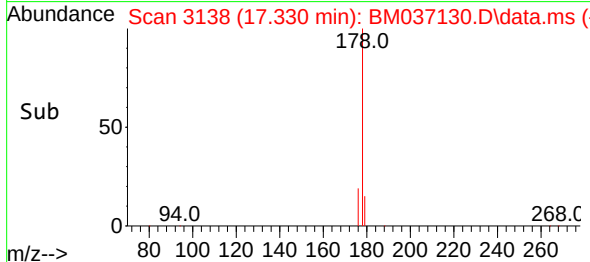
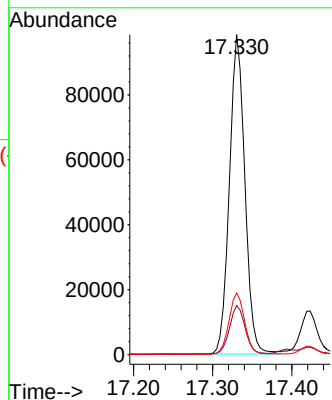
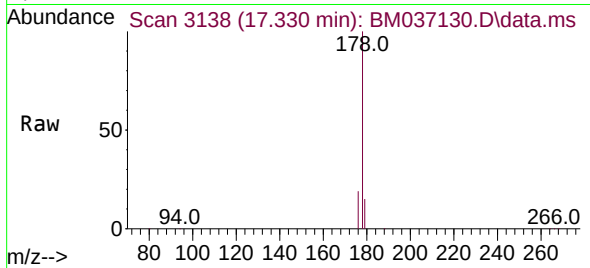
#15
Phenanthrene
Concen: 2.186 ng/ul
RT: 17.330 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

Instrument :
BNA_M
ClientSampleId :
BGNM2DL

Tgt Ion:178 Resp: 133576
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.3 15.6 23.4

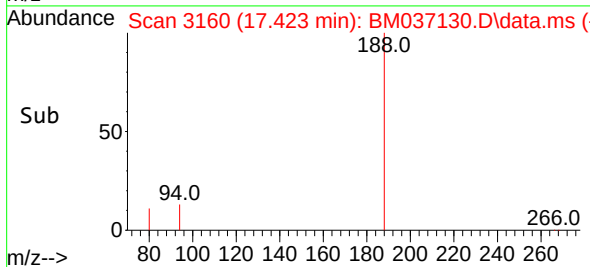
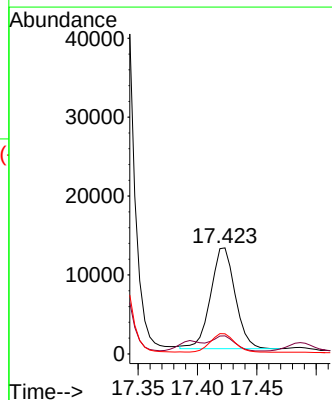
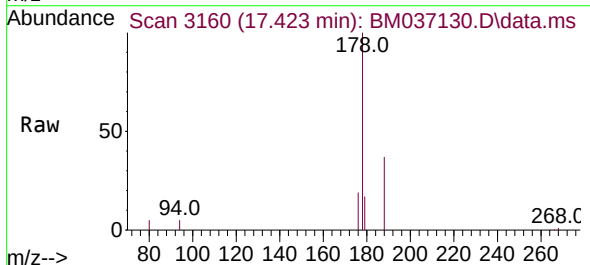
Manual Integrations
APPROVED

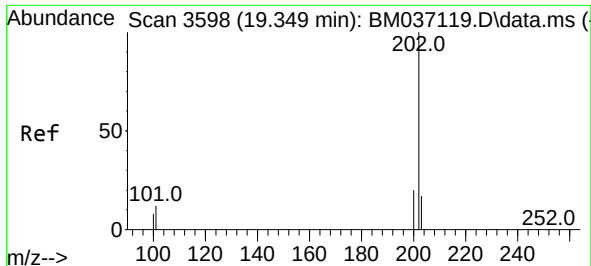
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

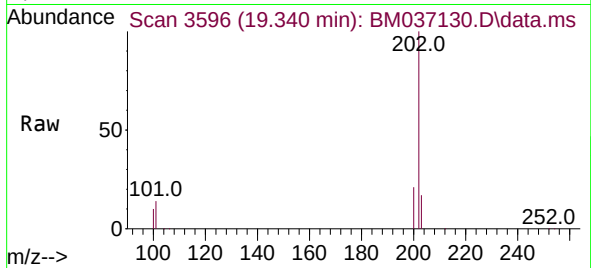
Tgt Ion:178 Resp: 18392
Ion Ratio Lower Upper
178 100
179 17.0 13.6 20.4
176 19.0 15.6 23.4





#19
Fluoranthene
Concen: 2.871 ng/ul
RT: 19.340 min Scan# 3596
Delta R.T. -0.009 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

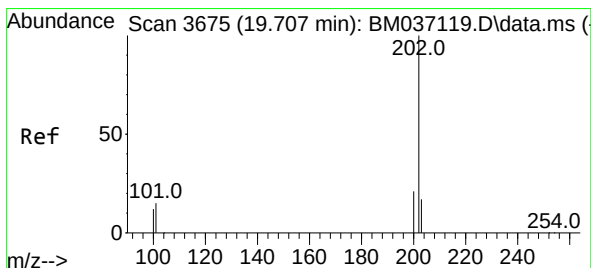
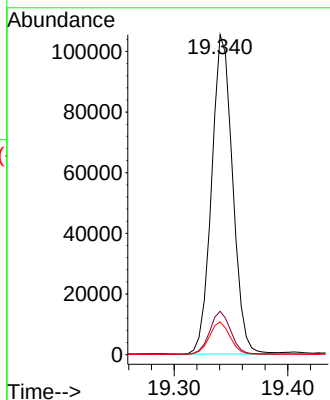
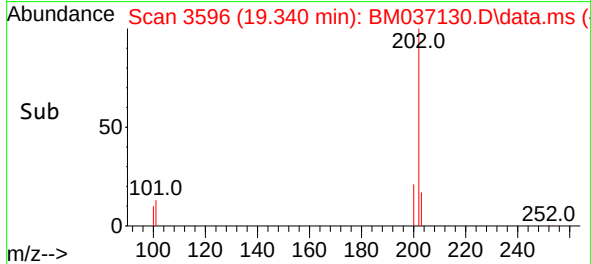
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



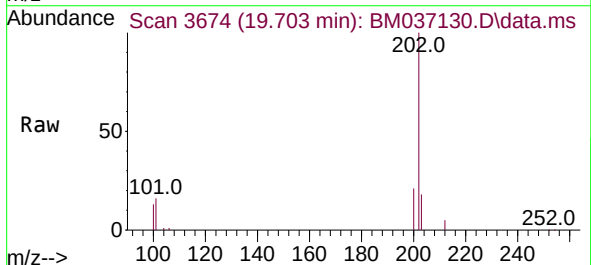
Tgt Ion:202 Resp: 13555
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 10.2 7.9 11.9

Manual Integrations
APPROVED

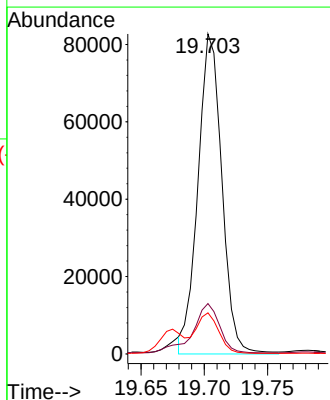
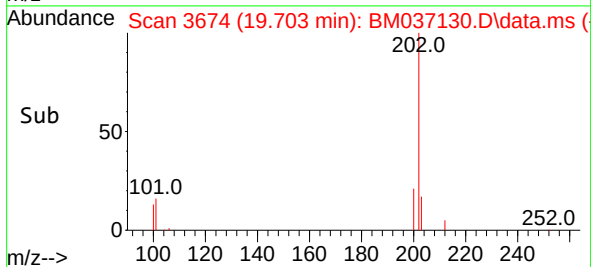
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

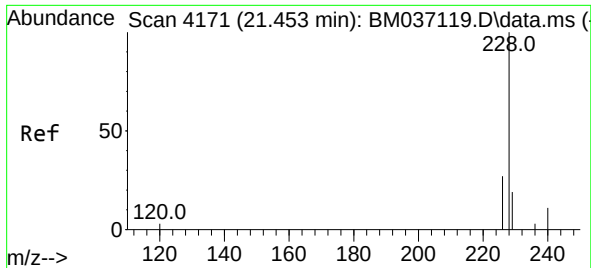


#20
Pyrene
Concen: 2.206 ng/ul m
RT: 19.703 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55



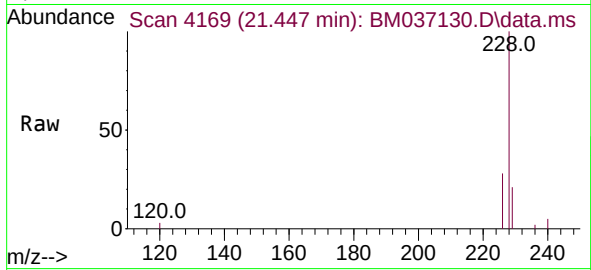
Tgt Ion:202 Resp: 108635
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 12.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.998 ng/ul
RT: 21.447 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

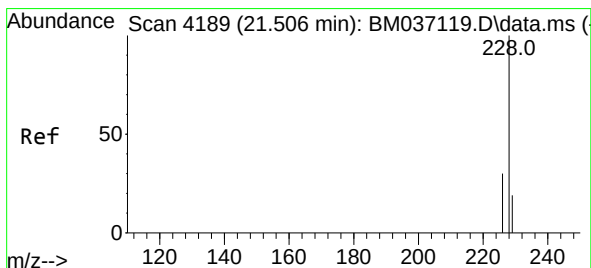
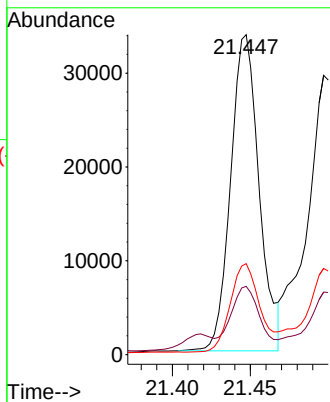
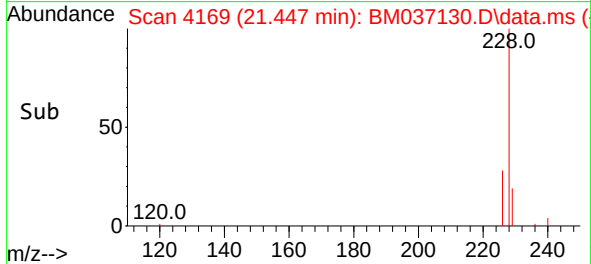
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



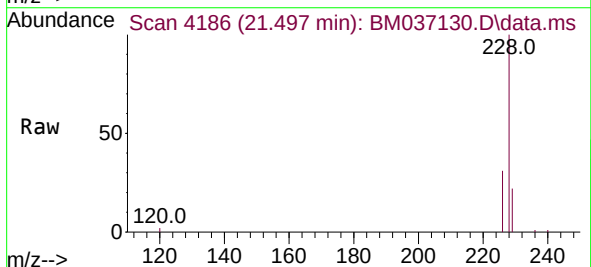
Tgt Ion:228 Resp: 42793
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 28.4 22.5 33.7

Manual Integrations
APPROVED

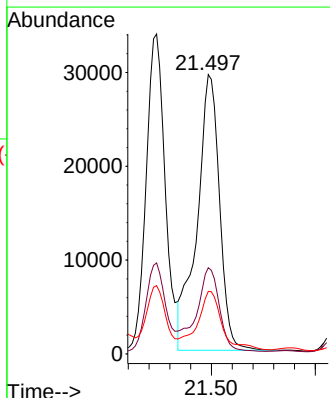
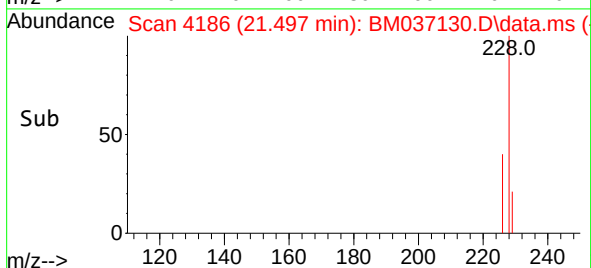
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

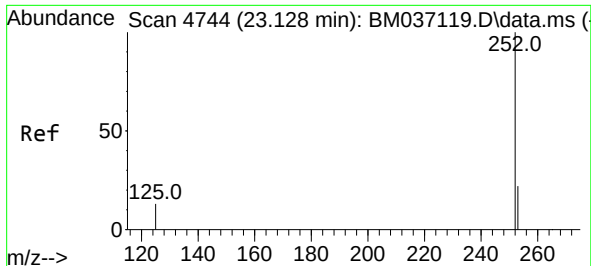


#22
Chrysene
Concen: 0.961 ng/ul
RT: 21.497 min Scan# 4186
Delta R.T. -0.006 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55



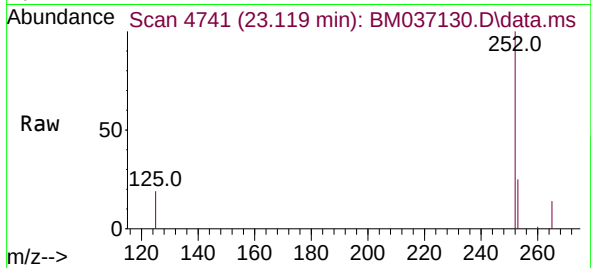
Tgt Ion:228 Resp: 44256
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.234 ng/ul
RT: 23.119 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

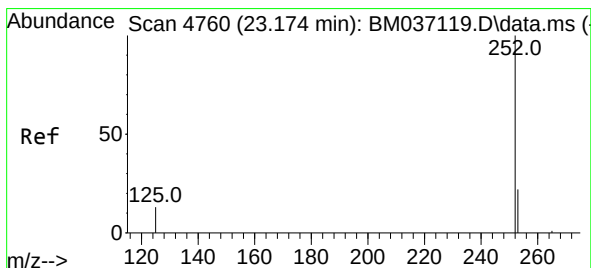
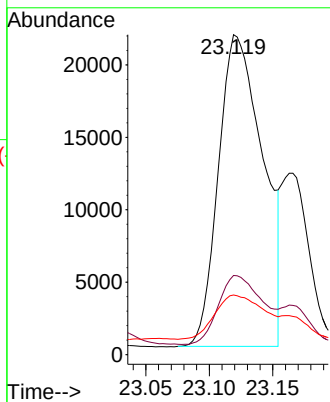
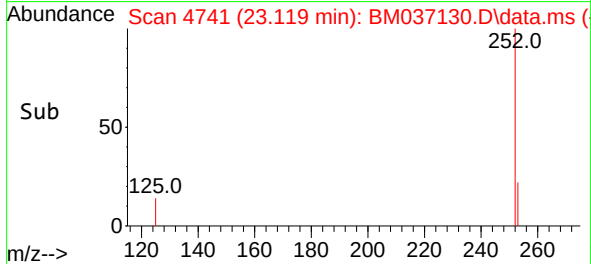
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



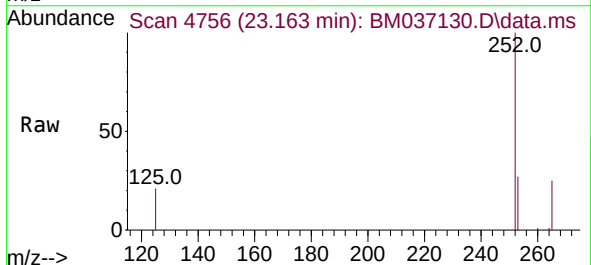
Tgt Ion:252 Resp: 5244
Ion Ratio Lower Upper
252 100
253 24.8 0.0 61.4
125 18.6 0.0 42.6

Manual Integrations
APPROVED

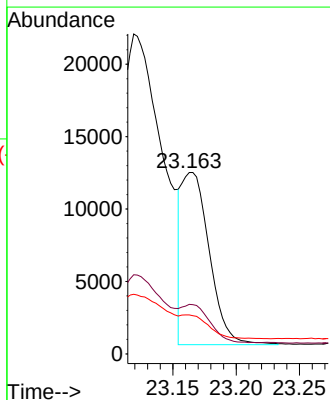
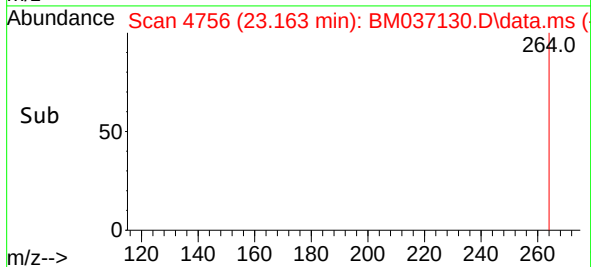
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

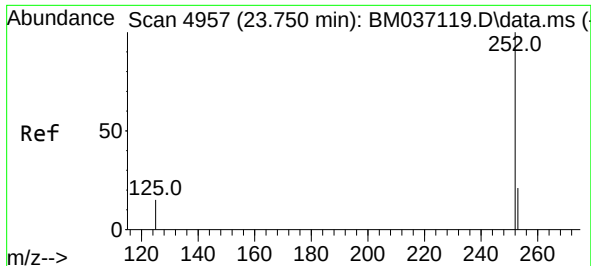


#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul m
RT: 23.163 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55



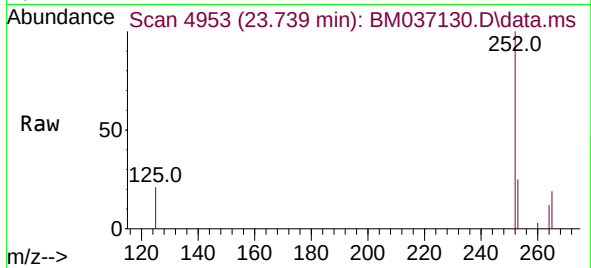
Tgt Ion:252 Resp: 18127
Ion Ratio Lower Upper
252 100
253 27.3 25.2 37.8
125 21.5 18.3 27.5





#26
Benzo(a)pyrene
Concen: 1.014 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

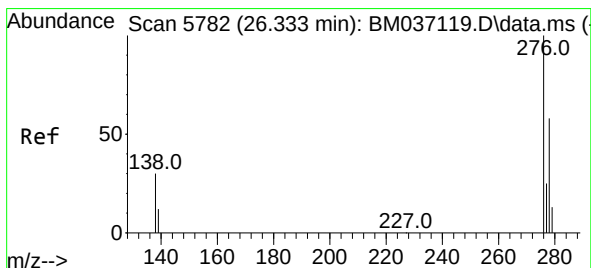
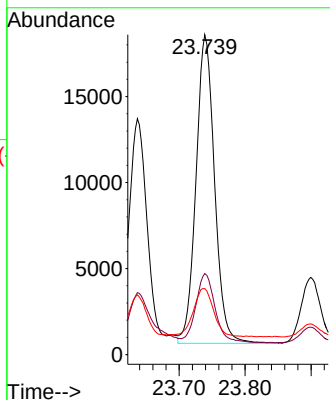
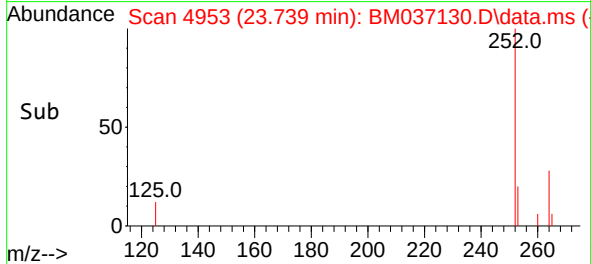
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



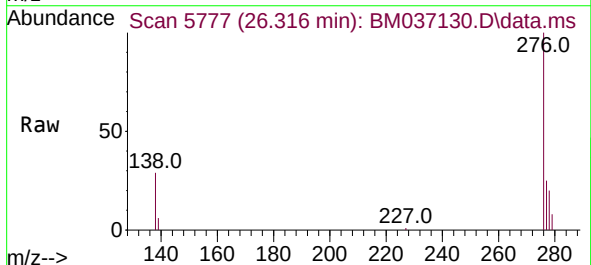
Tgt Ion:252 Resp: 34962
Ion Ratio Lower Upper
252 100
253 25.3 29.7 44.5
125 20.6 23.6 35.4

Manual Integrations
APPROVED

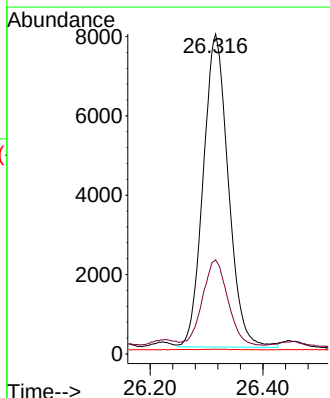
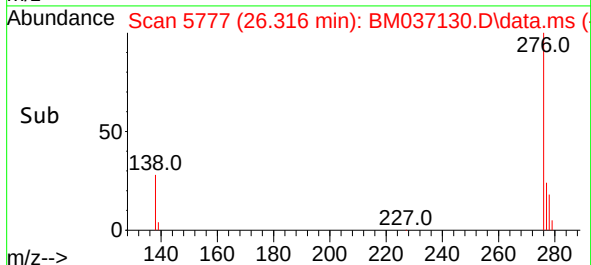
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

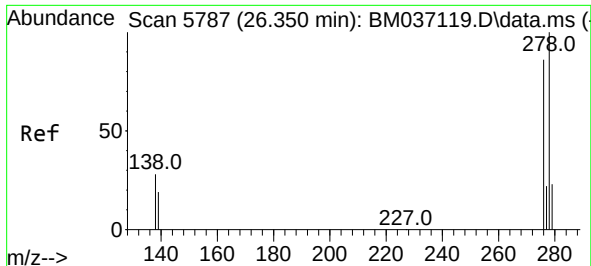


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.499 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55



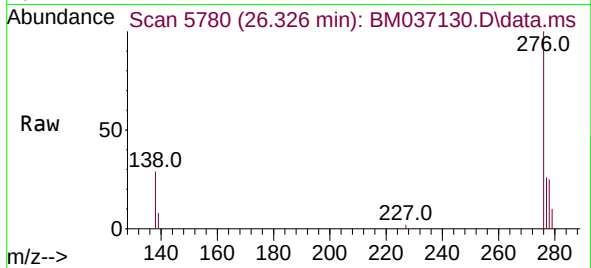
Tgt Ion:276 Resp: 24369
Ion Ratio Lower Upper
276 100
138 27.7 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 26.326 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55

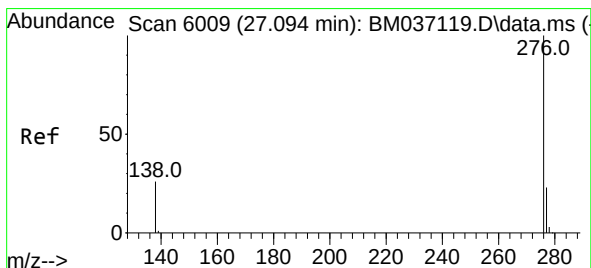
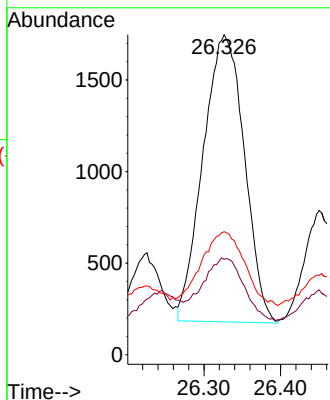
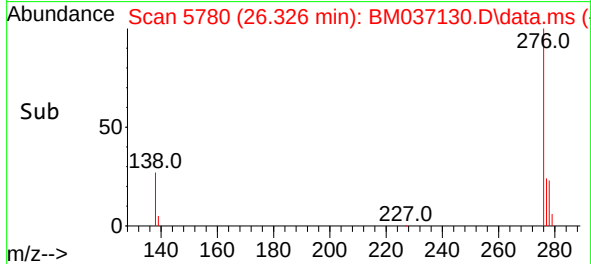
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



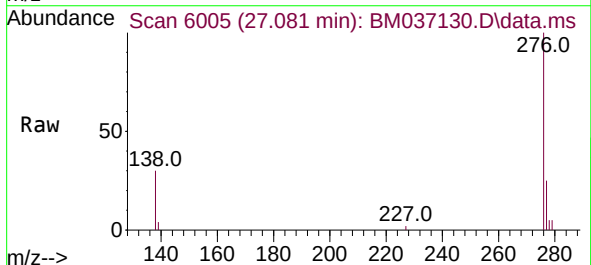
Tgt Ion:278 Resp: 5872
Ion Ratio Lower Upper
278 100
139 29.8 19.8 29.6
279 38.4 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.007 min
Lab File: BM037130.D
Acq: 18 Oct 2022 01:55



Tgt Ion:276 Resp: 18616
Ion Ratio Lower Upper
276 100
138 30.4 23.4 35.0
277 25.3 21.0 31.4

