

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038068.D
 Acq On : 16 Dec 2022 15:46
 Operator : CG/JU
 Sample : N5925-11
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:20:51 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 : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5529	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	17963	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	22052	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	16271	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	14730	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	24859	3.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9021	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	20577	0.349	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	9930	0.182	ng/ul	97
7) 2-Methylnaphthalene	12.522	142	3245	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	2069	0.060	ng/ul	99
10) Acenaphthylene	14.407	152	20801	0.383	ng/ul	99
11) Acenaphthene	14.745	153	4920	0.119	ng/ul	99
12) Fluorene	15.726	166	5097	0.112	ng/ul	97
14) Pentachlorophenol	17.071	266	1202	0.132	ng/ul	98
15) Phenanthrene	17.460	178	136868	1.843	ng/ul	99
16) Anthracene	17.552	178	41344	0.602	ng/ul	100
19) Fluoranthene	19.464	202	410951	4.890	ng/ul	98
20) Pyrene	19.831	202	351737m	4.100	ng/ul	
21) Benzo(a)anthracene	21.568	228	213155	3.032	ng/ul	99
22) Chrysene	21.624	228	267450	3.771	ng/ul	98
24) Benzo(b)fluoranthene	23.290	252	369914	5.295	ng/ul	90
25) Benzo(k)fluoranthene	23.333	252	125687m	1.864	ng/ul	
26) Benzo(a)pyrene	23.933	252	212041	3.604	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.606	276	154089	2.087	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.616	278	37336	0.649	ng/ul	99
29) Benzo(g,h,i)perylene	27.404	276	128154	2.043	ng/ul	96

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

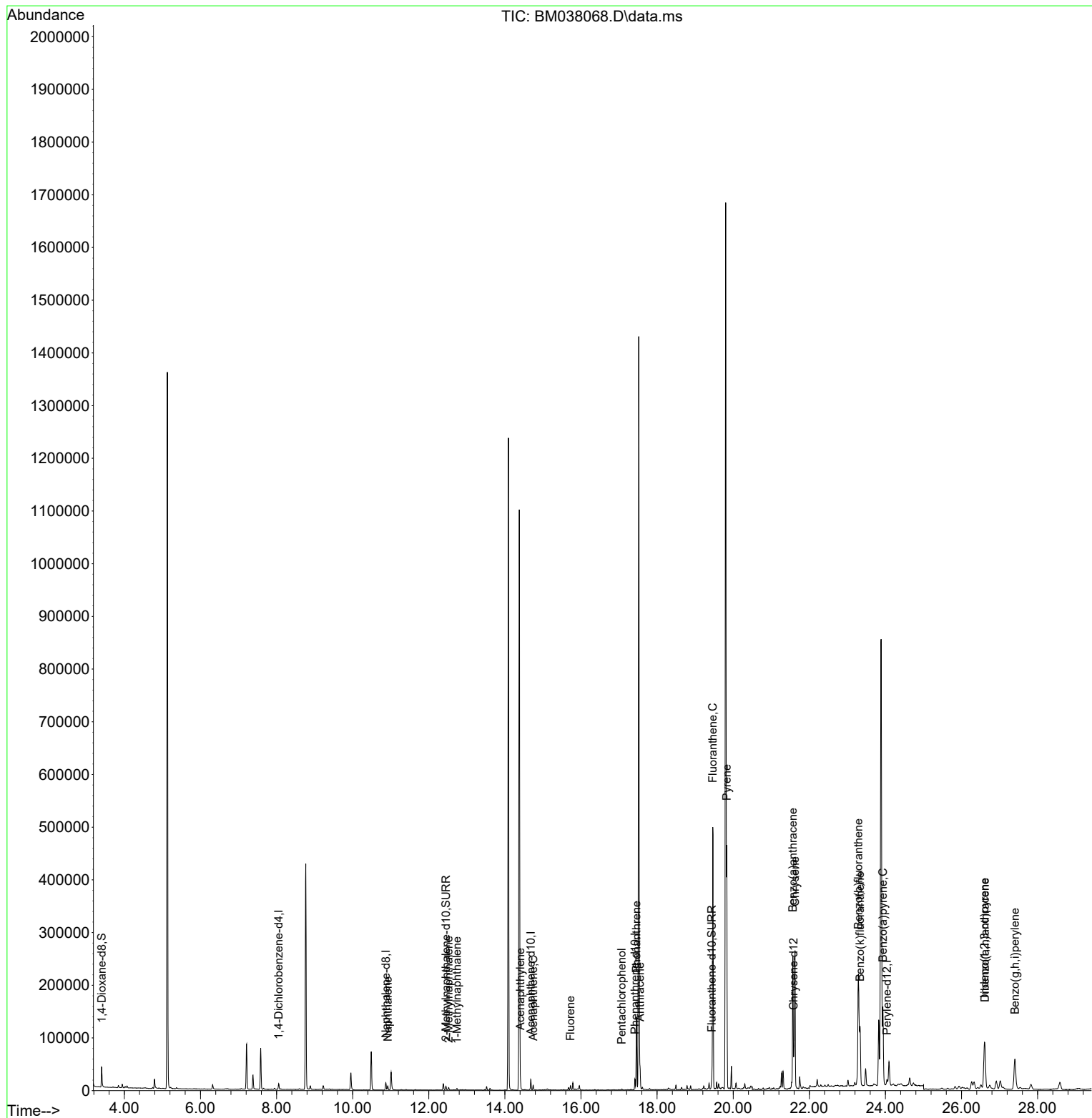
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038068.D
Acq On : 16 Dec 2022 15:46
Operator : CG/JU
Sample : N5925-11
Misc :
ALS Vial : 49 Sample Multiplier: 1

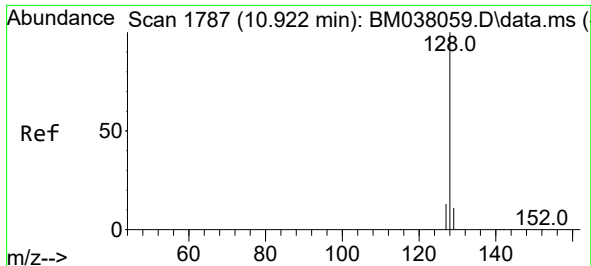
Instrument :
BNA_M
ClientSampleId :
DBXV7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

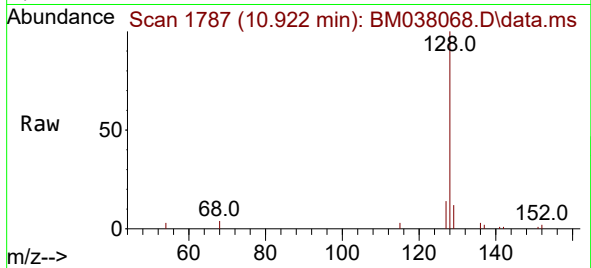
Quant Time: Dec 16 23:20:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.182 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

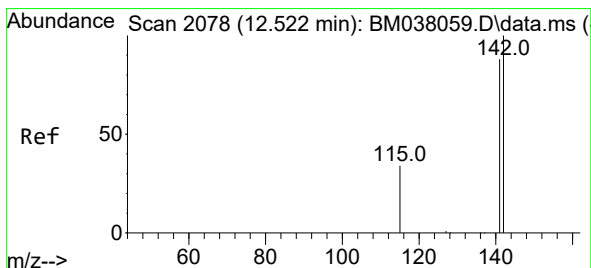
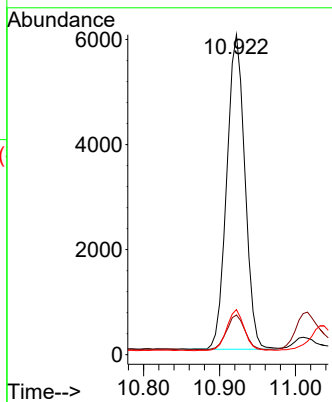
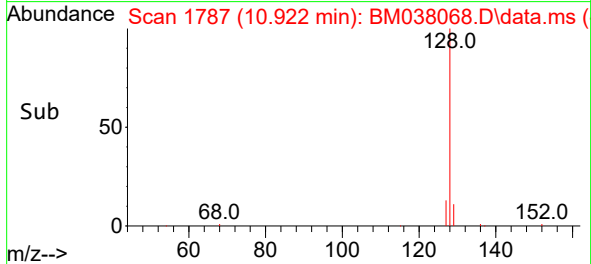
Instrument :
BNA_M
ClientSampleId :
DBXV7



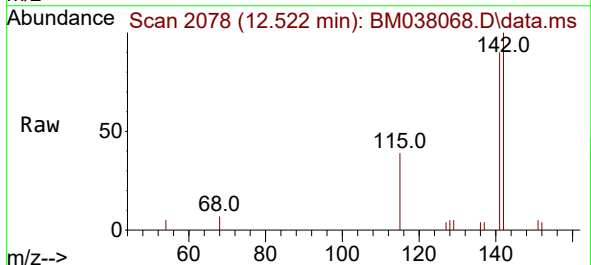
Tgt Ion:128 Resp: 9930
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.1 10.4 15.6

Manual Integrations
APPROVED

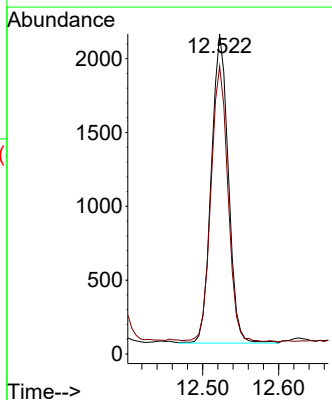
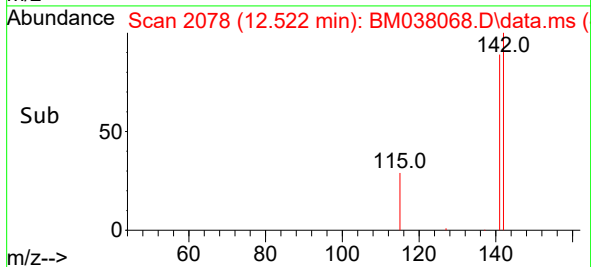
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

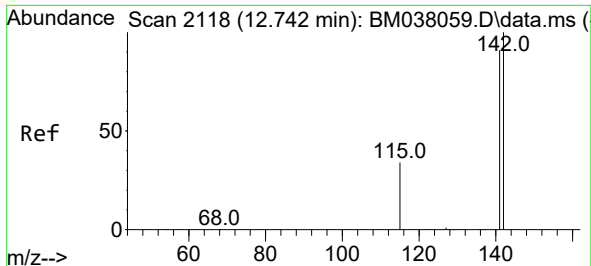


#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46



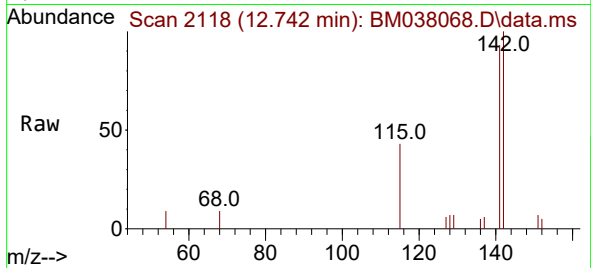
Tgt Ion:142 Resp: 3245
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

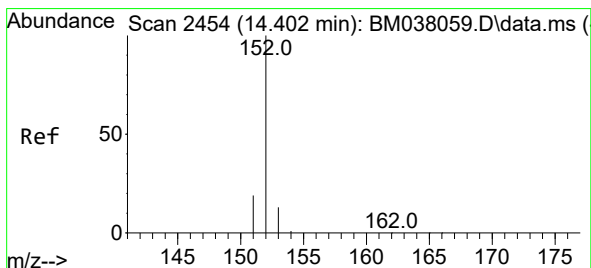
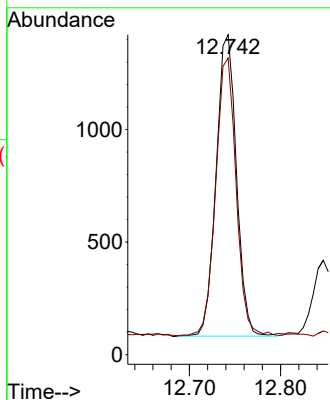
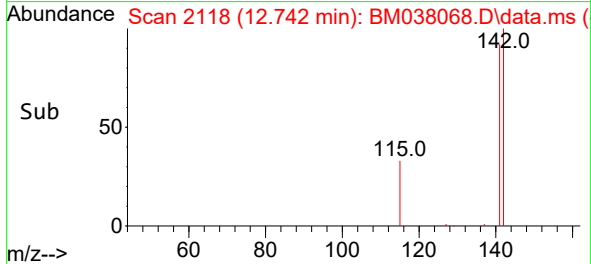
Instrument :
BNA_M
ClientSampleId :
DBXV7



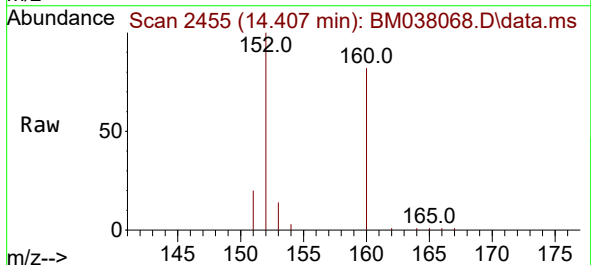
Tgt Ion:142 Resp: 2069
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4

Manual Integrations
APPROVED

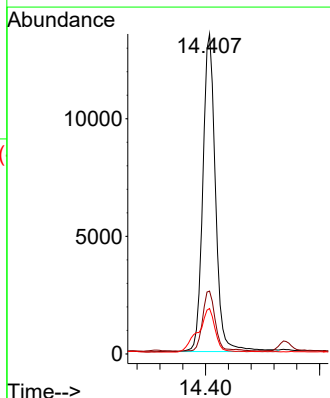
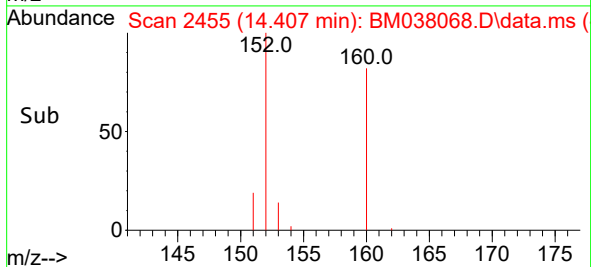
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

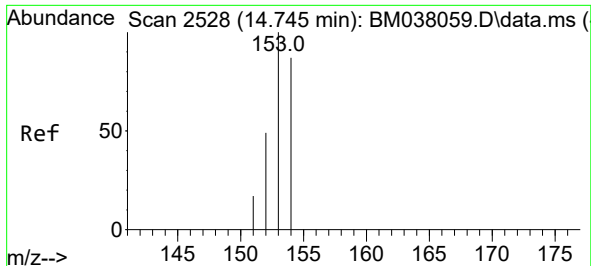


#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46



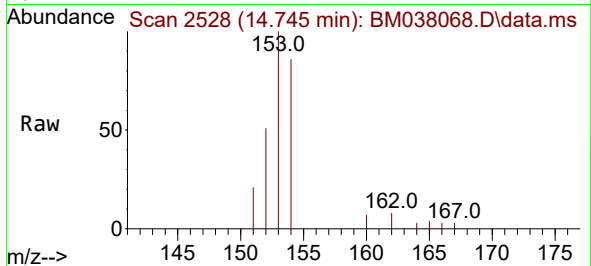
Tgt Ion:152 Resp: 20801
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 14.2 11.0 16.4





#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

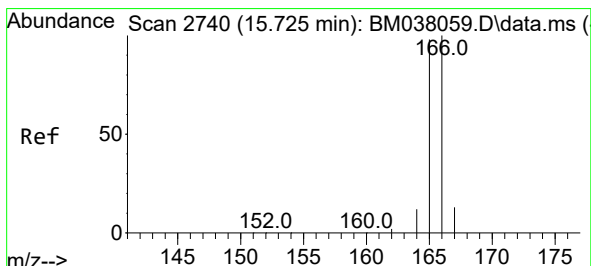
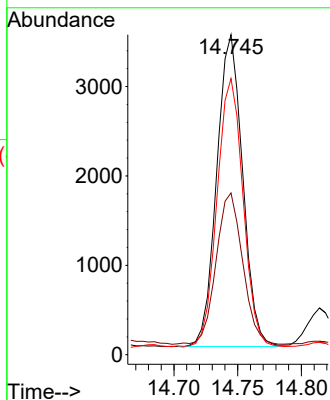
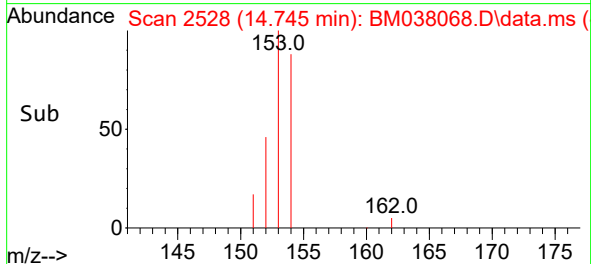
Instrument :
BNA_M
ClientSampleId :
DBXV7



Tgt Ion:153 Resp: 4920
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 86.3 69.2 103.8

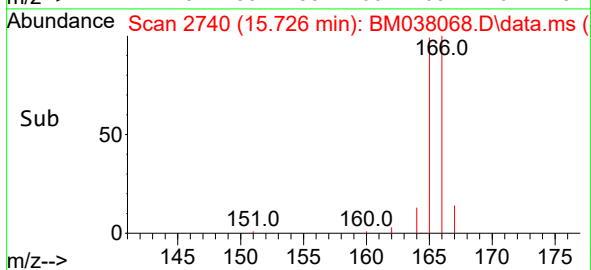
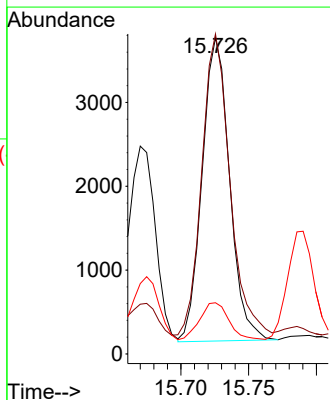
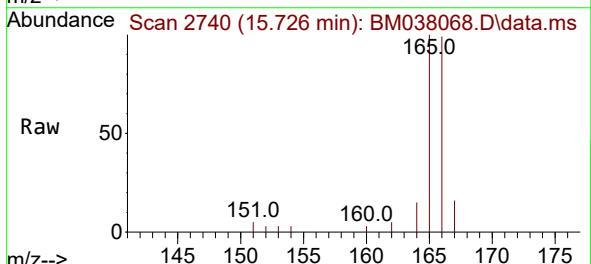
Manual Integrations
APPROVED

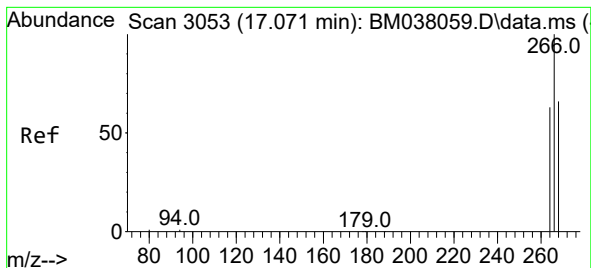
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.726 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

Tgt Ion:166 Resp: 5097
Ion Ratio Lower Upper
166 100
165 101.2 79.0 118.4
167 16.2 11.1 16.7





#14

Pentachlorophenol

Concen: 0.132 ng/ul

RT: 17.071 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BM038068.D

Acq: 16 Dec 2022 15:46

Instrument :

BNA_M

ClientSampleId :

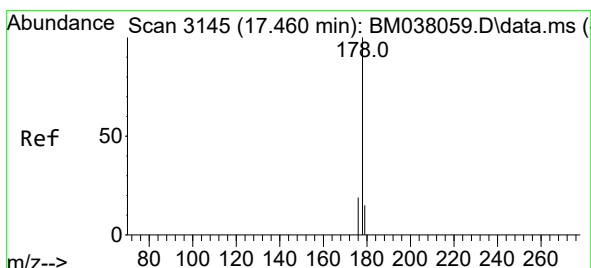
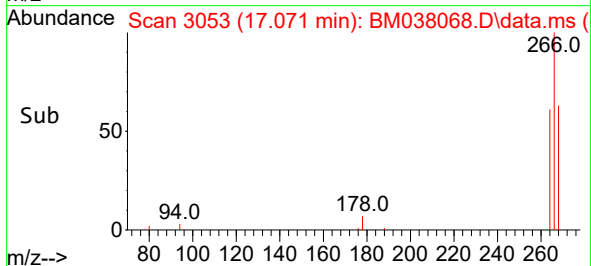
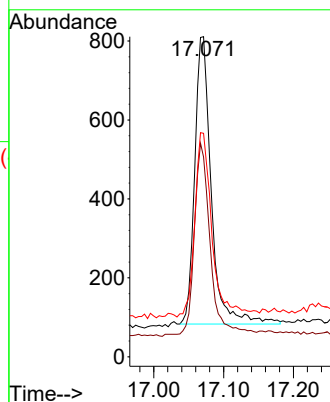
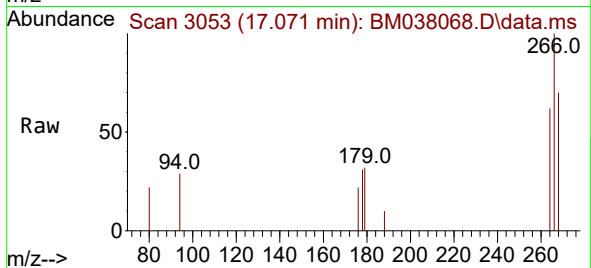
DBXV7

Tgt Ion:	266	Resp:	120
Ion Ratio	Lower	Upper	
266	100		
264	63.2	49.9	74.9
268	67.1	52.0	78.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#15

Phenanthrene

Concen: 1.843 ng/ul

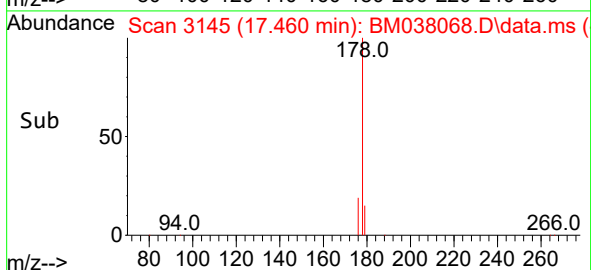
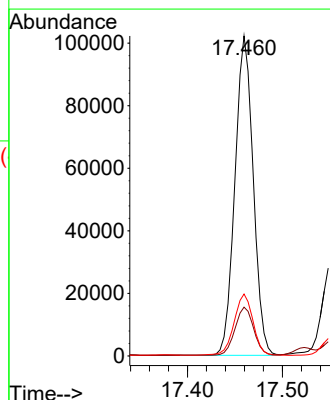
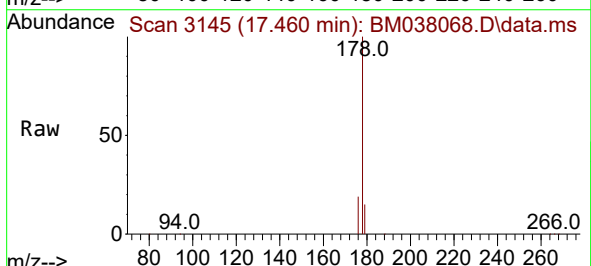
RT: 17.460 min Scan# 3145

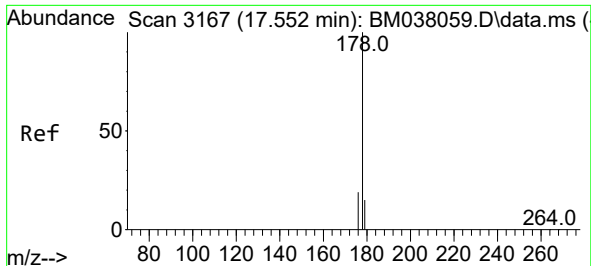
Delta R.T. -0.004 min

Lab File: BM038068.D

Acq: 16 Dec 2022 15:46

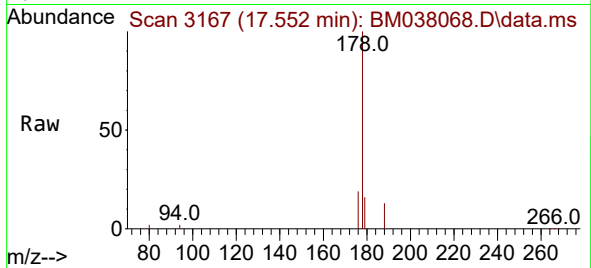
Tgt Ion:	178	Resp:	136868
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	19.3	15.8	23.6





#16
 Anthracene
 Concen: 0.602 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038068.D
 Acq: 16 Dec 2022 15:46

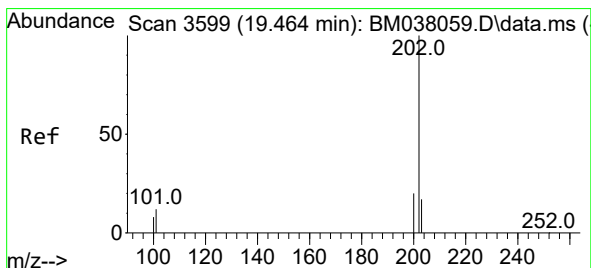
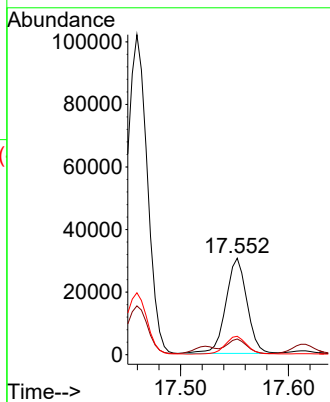
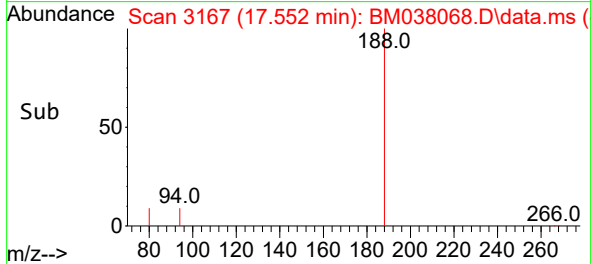
Instrument :
 BNA_M
 ClientSampleId :
 DBXV7



Tgt Ion:178 Resp: 41344
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.4
 176 19.1 15.0 22.4

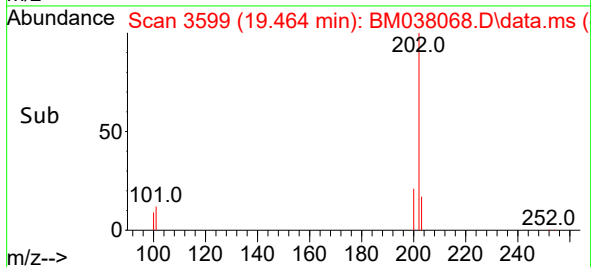
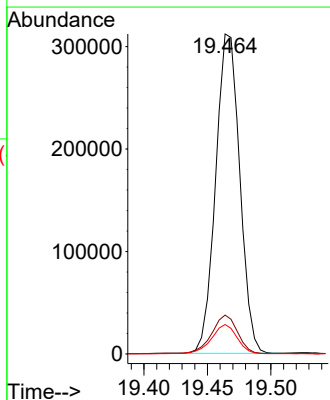
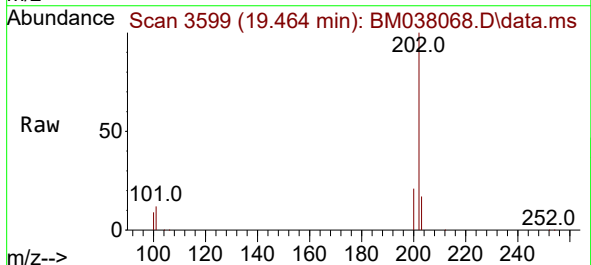
Manual Integrations
 APPROVED

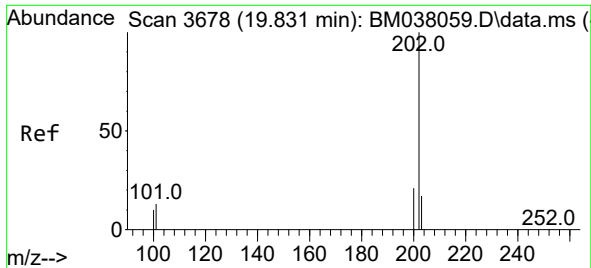
Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#19
 Fluoranthene
 Concen: 4.890 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038068.D
 Acq: 16 Dec 2022 15:46

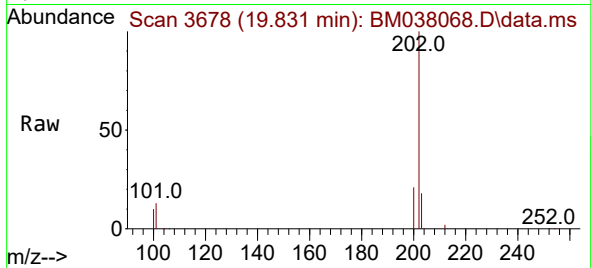
Tgt Ion:202 Resp: 410951
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.6 15.8
 100 9.2 7.9 11.9





#20
Pyrene
Concen: 4.100 ng/ul m
RT: 19.831 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

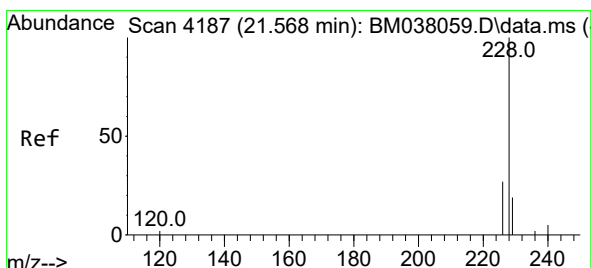
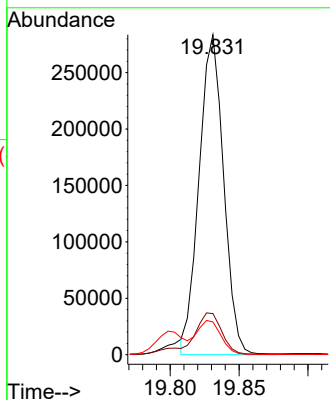
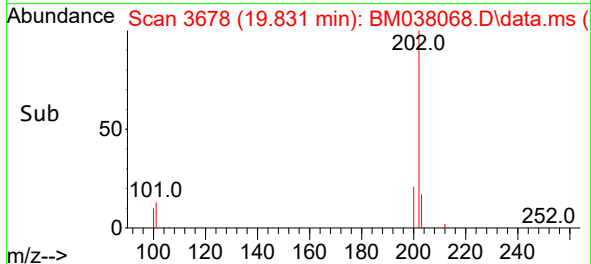
Instrument :
BNA_M
ClientSampleId :
DBXV7



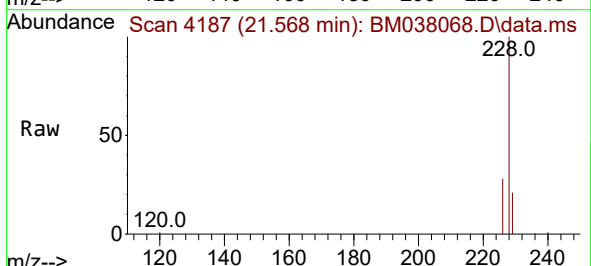
Tgt Ion:202 Resp: 35173
Ion Ratio Lower Upper
202 100
101 12.8 12.1 18.1
100 10.3 9.8 14.6

Manual Integrations
APPROVED

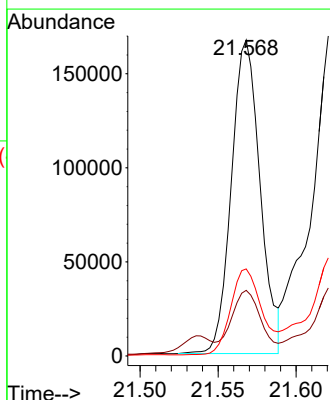
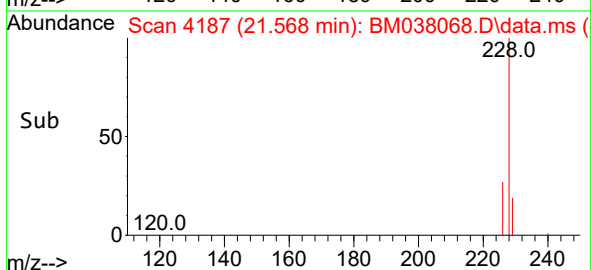
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

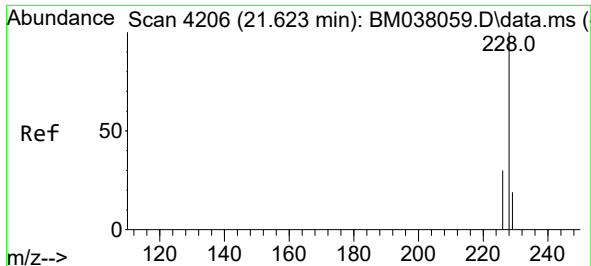


#21
Benzo(a)anthracene
Concen: 3.032 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46



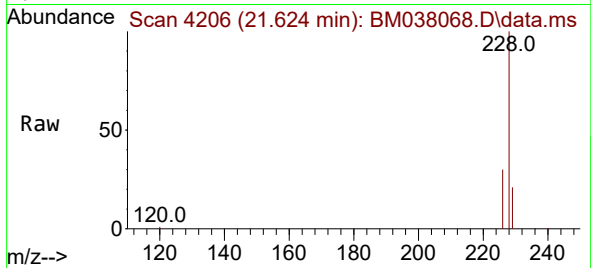
Tgt Ion:228 Resp: 213155
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 27.6 22.1 33.1





#22
Chrysene
Concen: 3.771 ng/ul
RT: 21.624 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

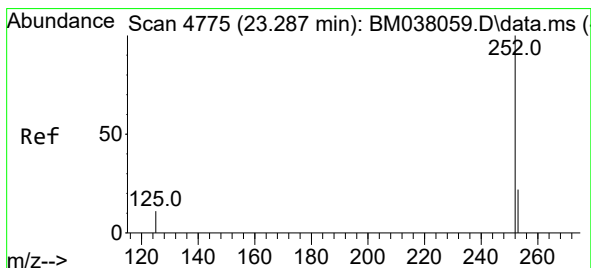
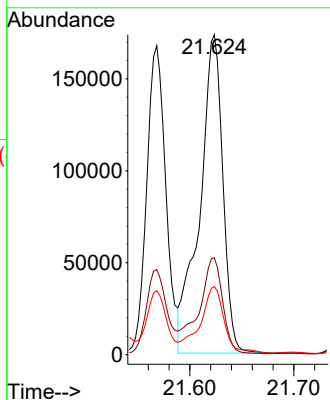
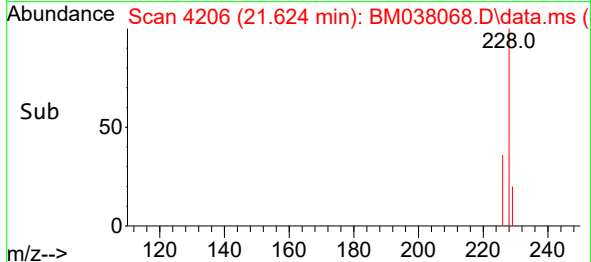
Instrument :
BNA_M
ClientSampleId :
DBXV7



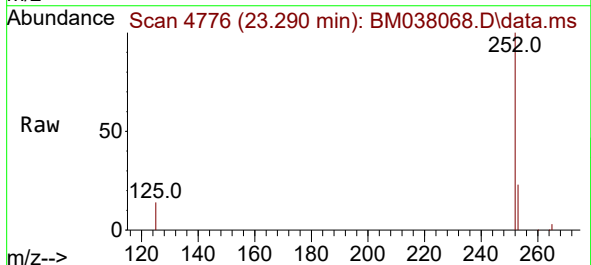
Tgt Ion:228 Resp: 267450
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 21.3 15.7 23.5

Manual Integrations
APPROVED

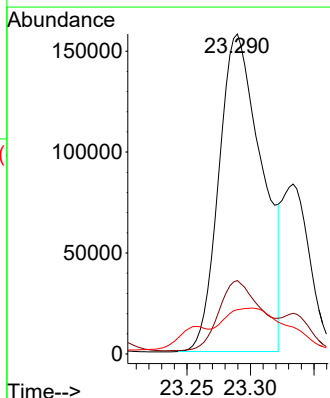
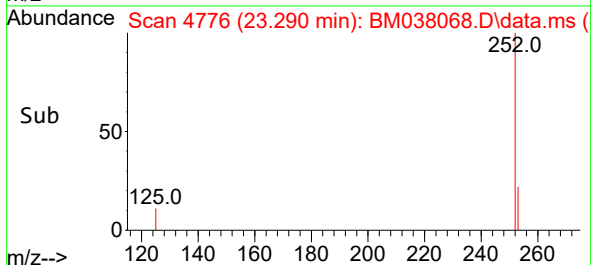
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

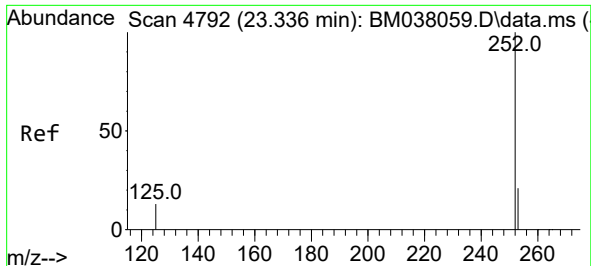


#24
Benzo(b)fluoranthene
Concen: 5.295 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. 0.003 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46



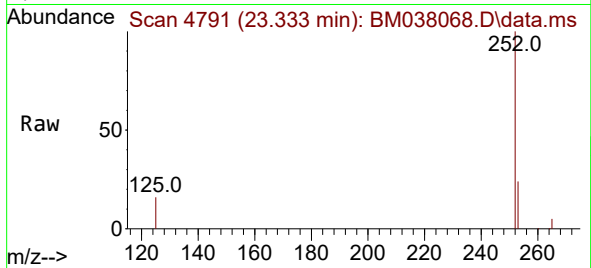
Tgt Ion:252 Resp: 369914
Ion Ratio Lower Upper
252 100
253 23.0 0.0 51.8
125 13.9 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 1.864 ng/ul m
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

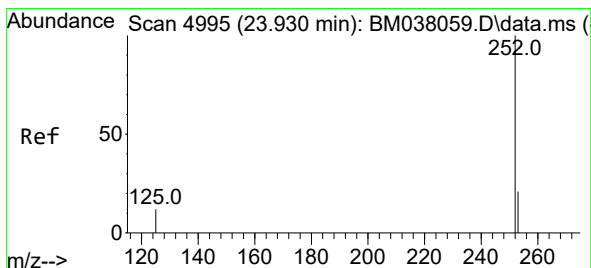
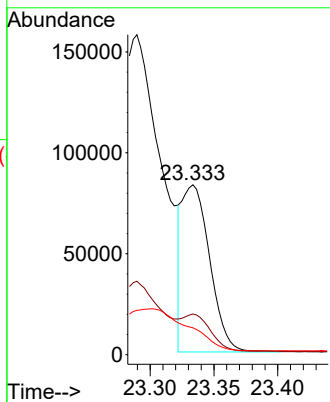
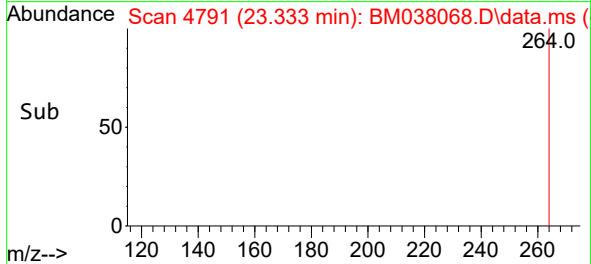
Instrument :
BNA_M
ClientSampleId :
DBXV7



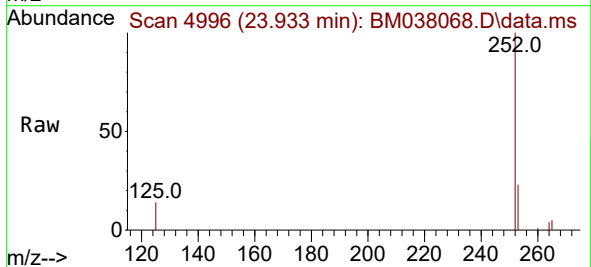
Tgt Ion:252 Resp: 12568
Ion Ratio Lower Upper
252 100
253 23.9 20.8 31.2
125 15.8 17.1 25.7

Manual Integrations
APPROVED

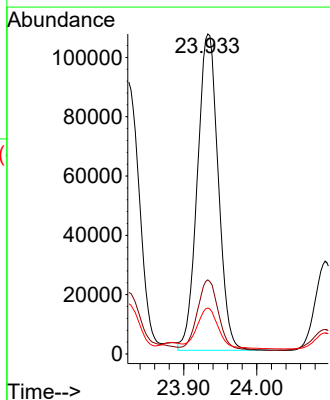
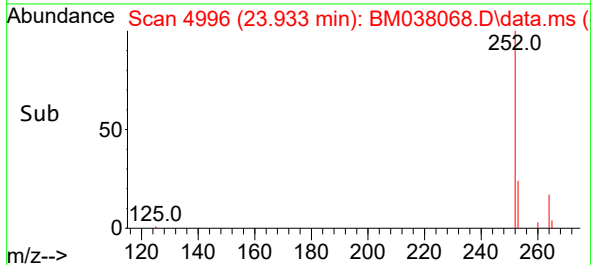
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

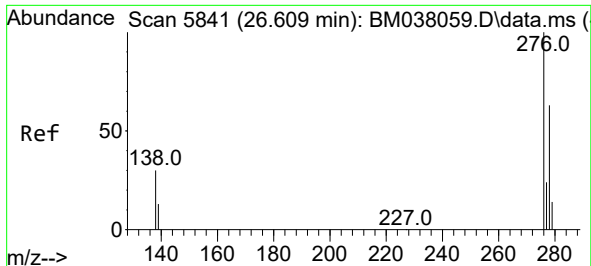


#26
Benzo(a)pyrene
Concen: 3.604 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46



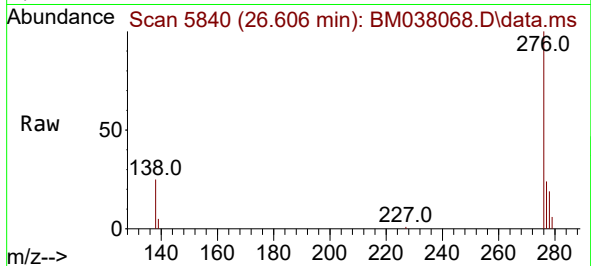
Tgt Ion:252 Resp: 212041
Ion Ratio Lower Upper
252 100
253 23.2 21.9 32.9
125 14.3 20.7 31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.087 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

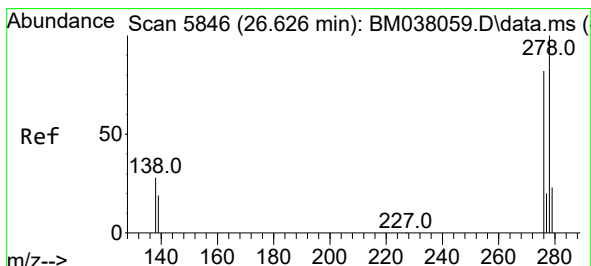
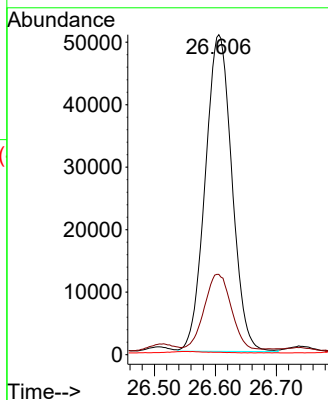
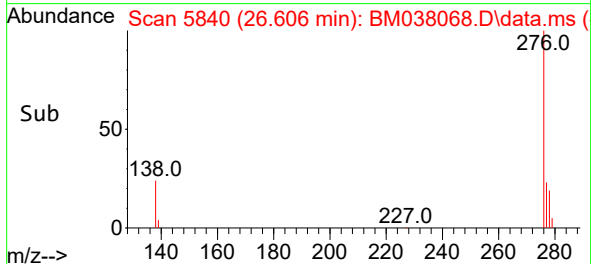
Instrument :
BNA_M
ClientSampleId :
DBXV7



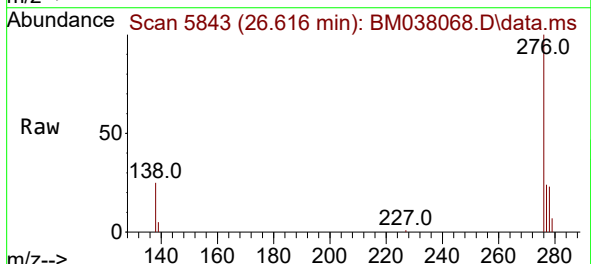
Tgt Ion:276 Resp: 154089
Ion Ratio Lower Upper
276 100
138 25.2 26.6 40.0
227 0.0 0.1 0.1

Manual Integrations
APPROVED

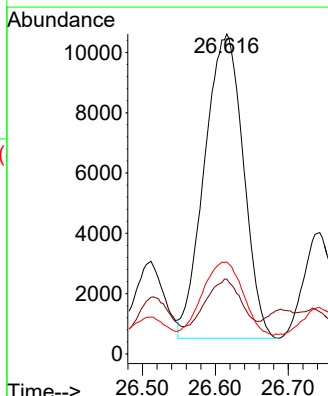
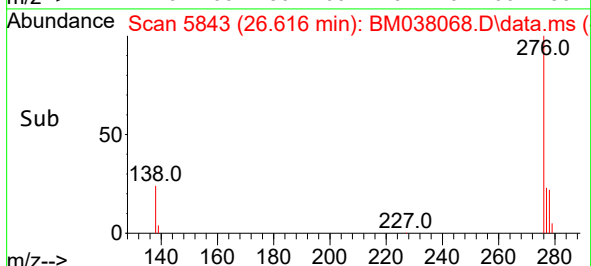
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

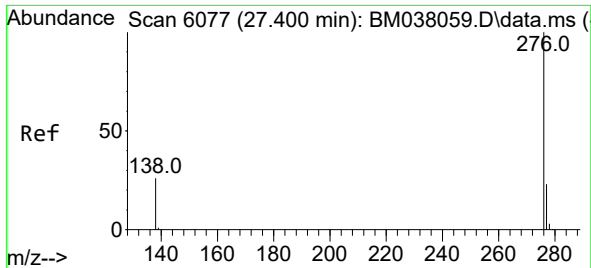


#28
Dibenzo(a,h)anthracene
Concen: 0.649 ng/ul
RT: 26.616 min Scan# 5843
Delta R.T. -0.007 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46



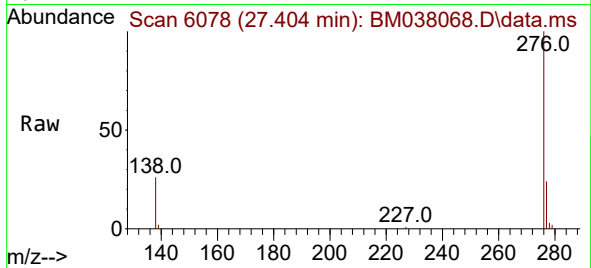
Tgt Ion:278 Resp: 37336
Ion Ratio Lower Upper
278 100
139 23.4 19.0 28.6
279 28.8 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 2.043 ng/ul
RT: 27.404 min Scan# 6077
Delta R.T. 0.004 min
Lab File: BM038068.D
Acq: 16 Dec 2022 15:46

Instrument :
BNA_M
ClientSampleId :
DBXV7



Tgt Ion:276 Resp: 128154
Ion Ratio Lower Upper
276 100
138 26.3 24.1 36.1
277 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

