

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037671.D
 Acq On : 23 Nov 2022 09:29
 Operator : CG/JU
 Sample : N5591-14
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9826

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 24 01:48:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	8262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	25020	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.746	164	15090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	33743	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.637	240	25073	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	24161	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	54153	5.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	11662	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.489	212	29813	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.996	128	3745	0.049	ng/ul#	95
7) 2-Methylnaphthalene	12.590	142	2414	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.805	142	1760	0.033	ng/ul	100
15) Phenanthrene	17.520	178	22985	0.199	ng/ul	99
16) Anthracene	17.608	178	4363m	0.039	ng/ul	
19) Fluoranthene	19.517	202	48178	0.398	ng/ul#	93
20) Pyrene	19.884	202	36873m	0.293	ng/ul	
21) Benzo(a)anthracene	21.619	228	18851	0.168	ng/ul	99
22) Chrysene	21.675	228	18771	0.169	ng/ul	97
24) Benzo(b)fluoranthene	23.361	252	21837	0.198	ng/ul#	73
25) Benzo(k)fluoranthene	23.405	252	7470m	0.067	ng/ul	
26) Benzo(a)pyrene	24.013	252	13510	0.141	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.725	276	8172	0.064	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.732	278	2264	0.023	ng/ul#	26
29) Benzo(g,h,i)perylene	27.526	276	6233	0.058	ng/ul#	85

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

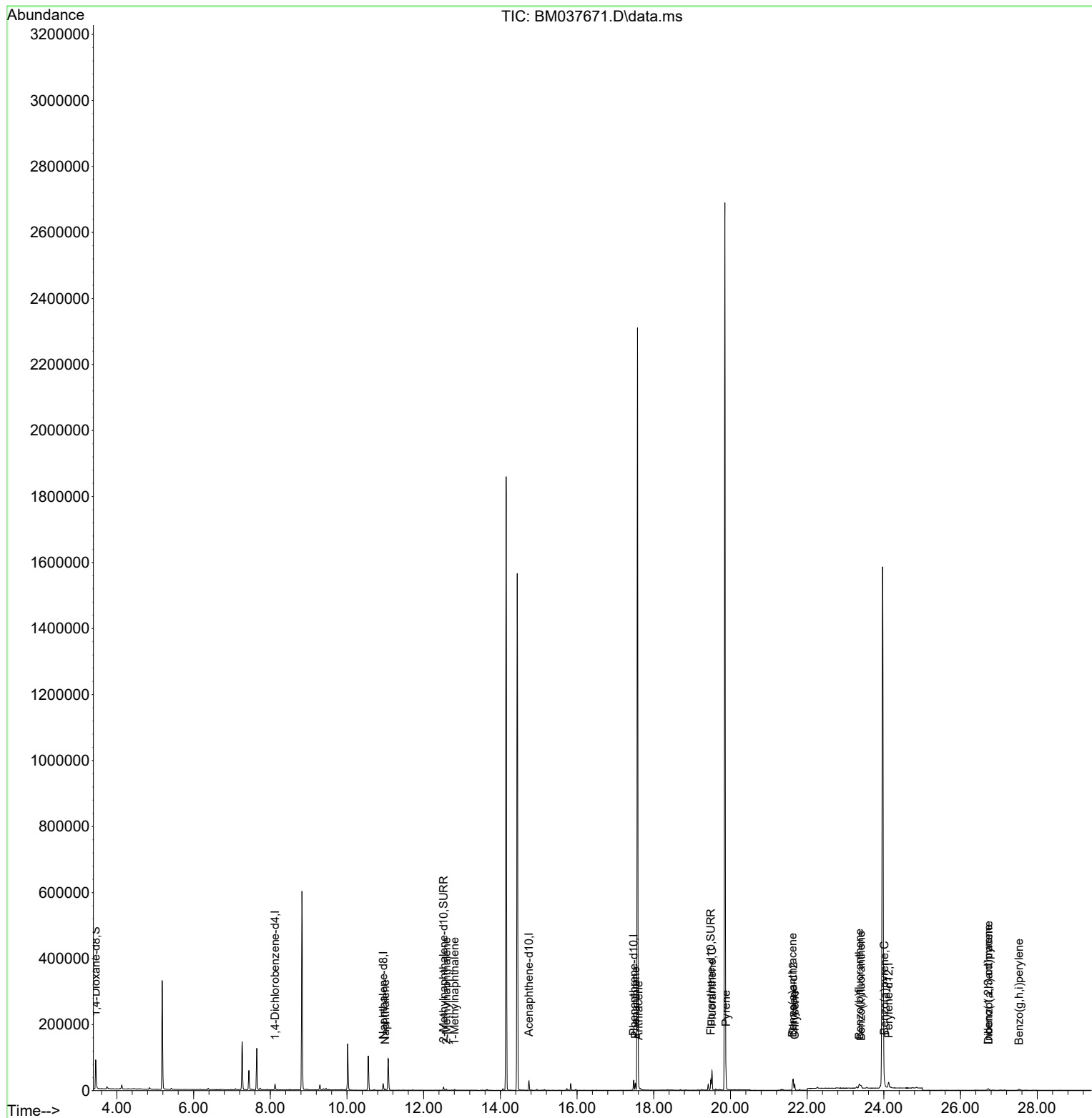
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037671.D
Acq On : 23 Nov 2022 09:29
Operator : CG/JU
Sample : N5591-14
Misc :
ALS Vial : 72 Sample Multiplier: 1

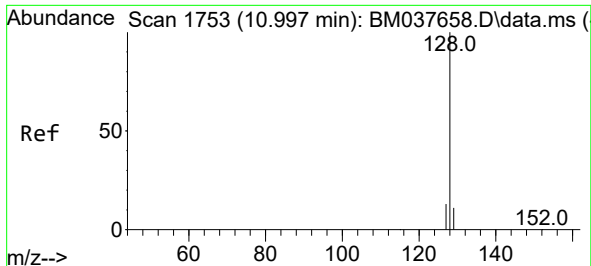
Instrument :
BNA_M
ClientSampleId :
C9826

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022

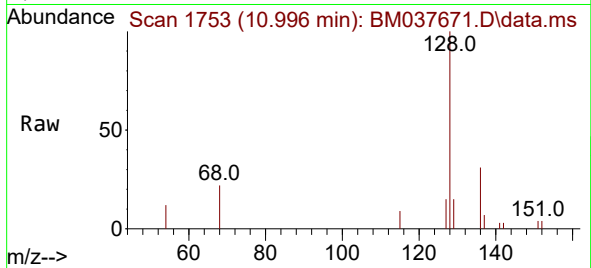
Quant Time: Nov 24 01:48:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.996 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

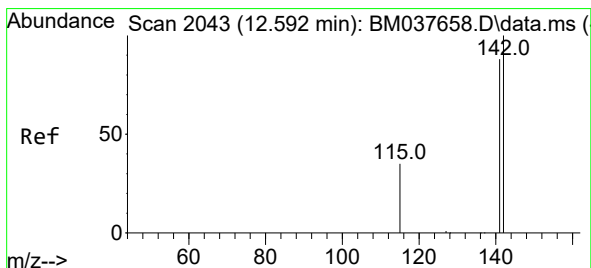
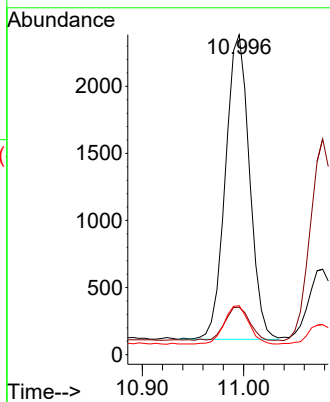
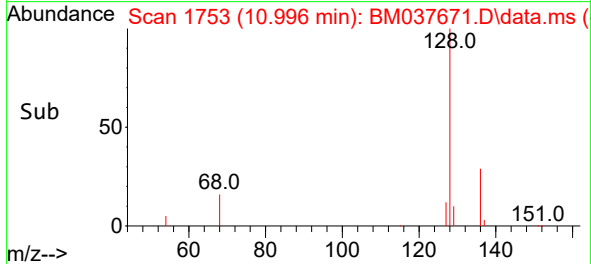
Instrument :
BNA_M
ClientSampleId :
C9826



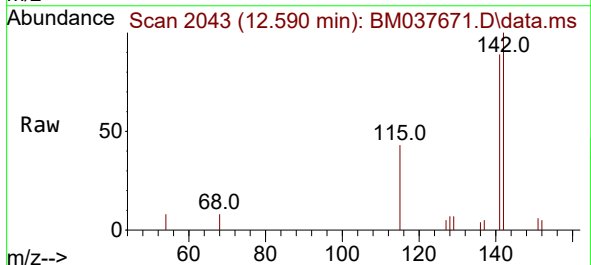
Tgt Ion:128 Resp: 3745
Ion Ratio Lower Upper
128 100
129 14.8 9.8 14.8
127 15.3 11.0 16.4

Manual Integrations
APPROVED

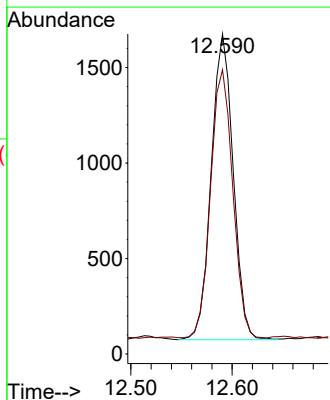
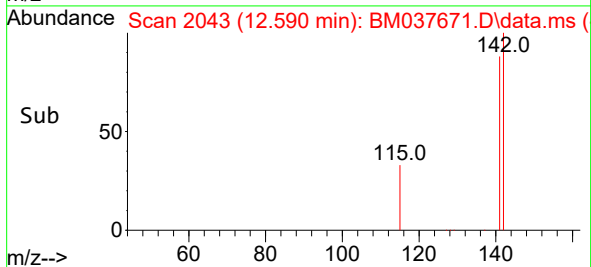
Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022

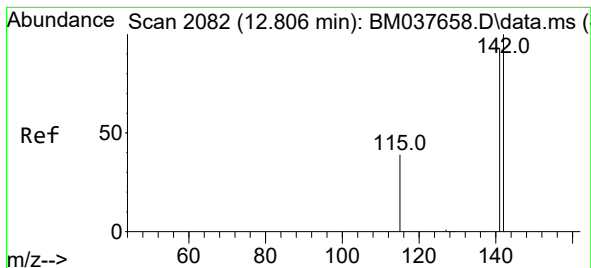


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.590 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29



Tgt Ion:142 Resp: 2414
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4





#8

1-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.805 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BM037671.D

Acq: 23 Nov 2022 09:29

Instrument :

BNA_M

ClientSampleId :

C9826

Tgt Ion:142 Resp: 1760

Ion Ratio Lower Upper

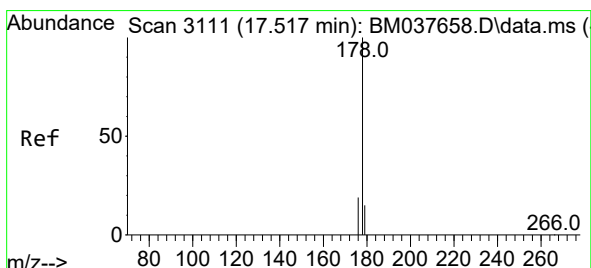
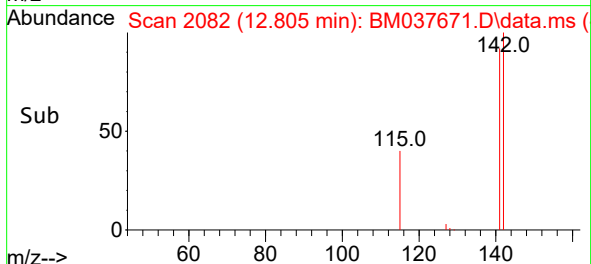
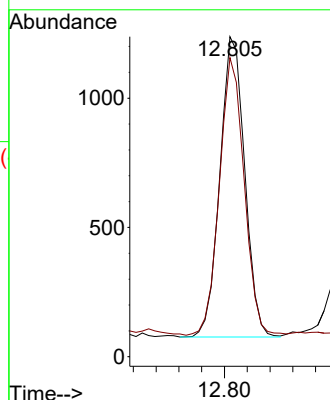
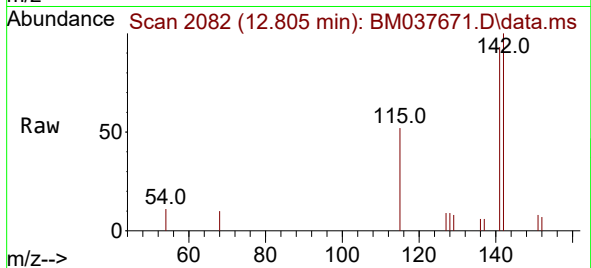
142 100

141 91.9 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022



#15

Phenanthrene

Concen: 0.199 ng/ul

RT: 17.520 min Scan# 3112

Delta R.T. -0.004 min

Lab File: BM037671.D

Acq: 23 Nov 2022 09:29

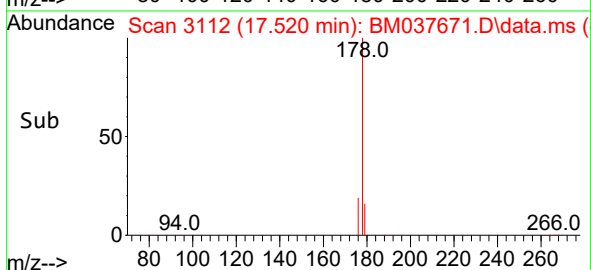
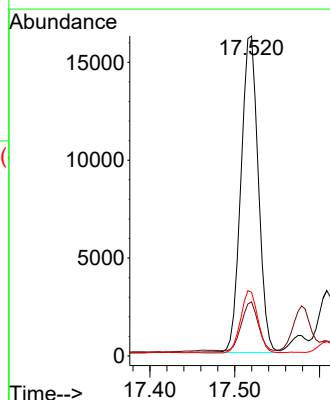
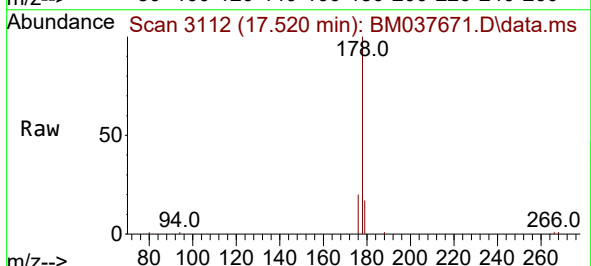
Tgt Ion:178 Resp: 22985

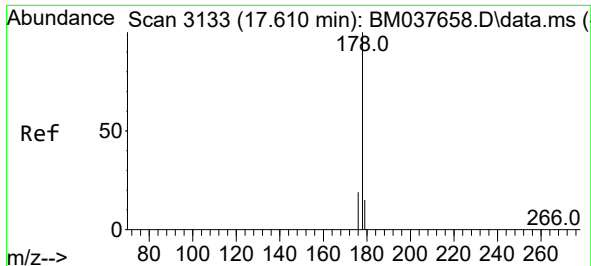
Ion Ratio Lower Upper

178 100

179 16.9 12.6 18.8

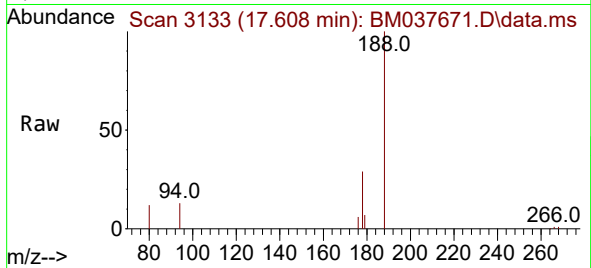
176 19.9 16.0 24.0





#16
 Anthracene
 Concen: 0.039 ng/ul m
 RT: 17.608 min Scan# 3133
 Delta R.T. -0.004 min
 Lab File: BM037671.D
 Acq: 23 Nov 2022 09:29

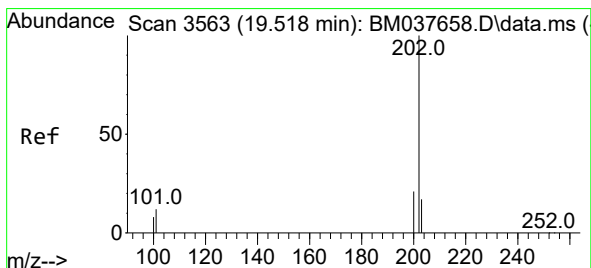
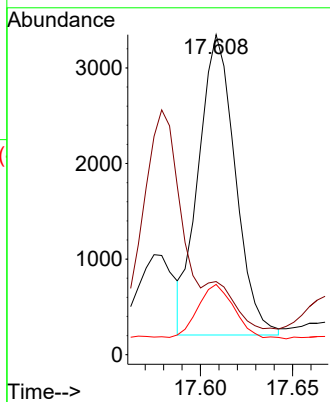
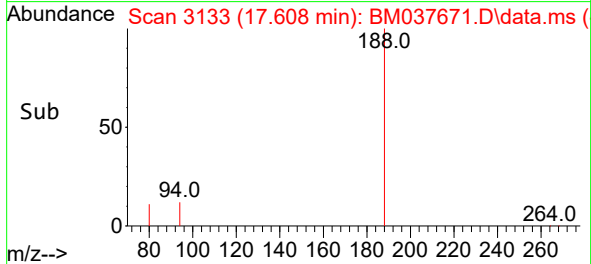
Instrument :
 BNA_M
 ClientSampleId :
 C9826



Tgt Ion:178 Resp: 436
 Ion Ratio Lower Upper
 178 100
 179 22.9 12.8 19.2
 176 22.0 15.0 22.6

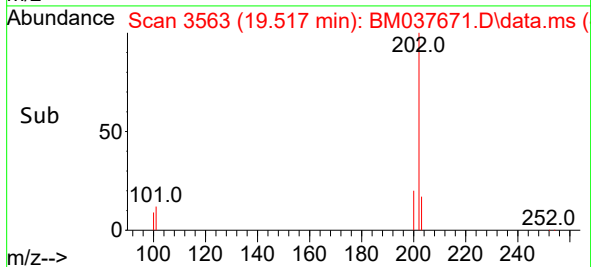
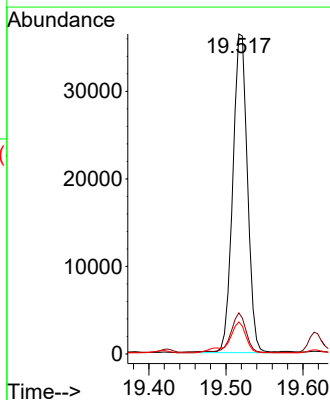
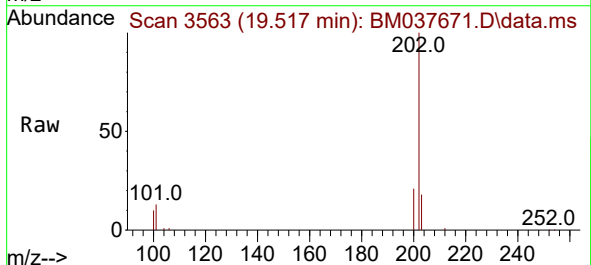
Manual Integrations
 APPROVED

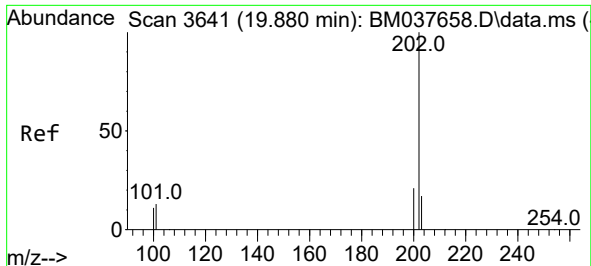
Reviewed By :Jagrut Upadhyay 11/25/2022
 Supervised By :mohammad ahmed 11/25/2022



#19
 Fluoranthene
 Concen: 0.398 ng/ul
 RT: 19.517 min Scan# 3563
 Delta R.T. -0.005 min
 Lab File: BM037671.D
 Acq: 23 Nov 2022 09:29

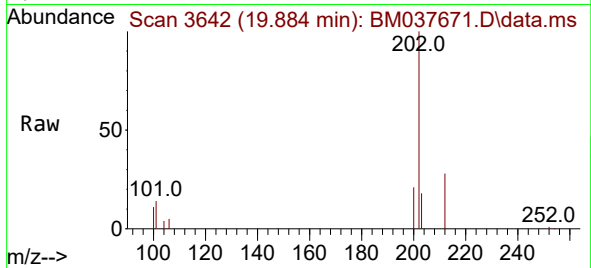
Tgt Ion:202 Resp: 48178
 Ion Ratio Lower Upper
 202 100
 101 12.9 8.2 12.2#
 100 10.0 6.1 9.1#





#20
Pyrene
Concen: 0.293 ng/ul m
RT: 19.884 min Scan# 3642
Delta R.T. 0.000 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

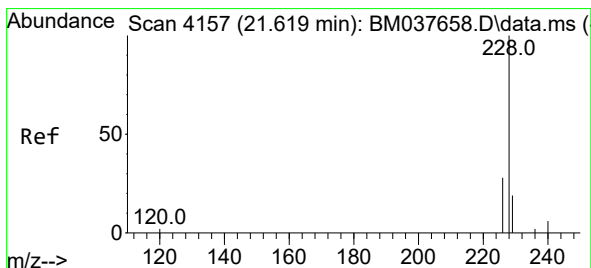
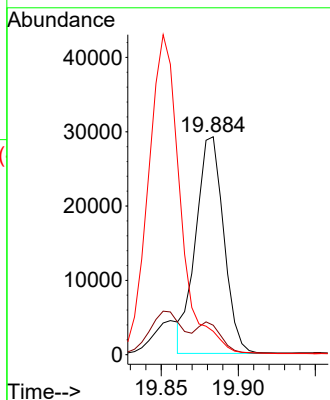
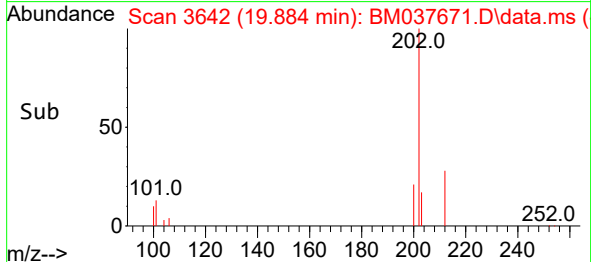
Instrument :
BNA_M
ClientSampleId :
C9826



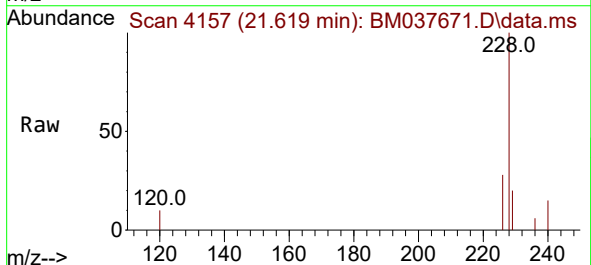
Tgt Ion:202 Resp: 3687
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.7 8.0 12.0

Manual Integrations
APPROVED

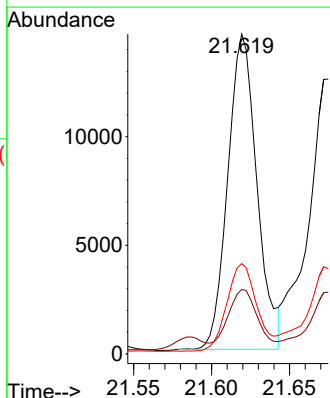
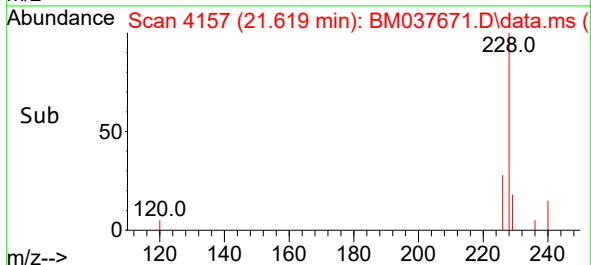
Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022

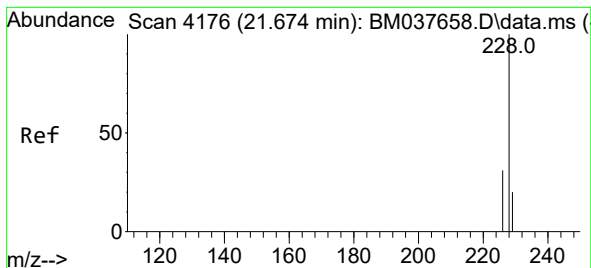


#21
Benzo(a)anthracene
Concen: 0.168 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29



Tgt Ion:228 Resp: 18851
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.3 22.2 33.2





#22

Chrysene

Concen: 0.169 ng/ul

RT: 21.675 min Scan# 4176

Delta R.T. 0.000 min

Lab File: BM037671.D

Acq: 23 Nov 2022 09:29

Instrument :

BNA_M

ClientSampleId :

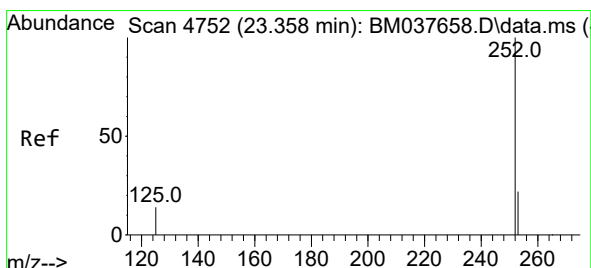
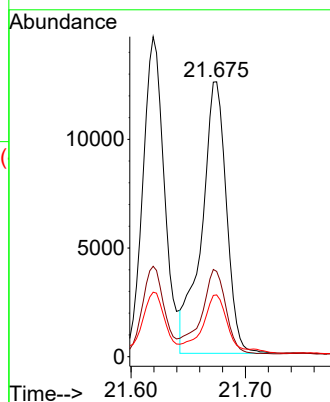
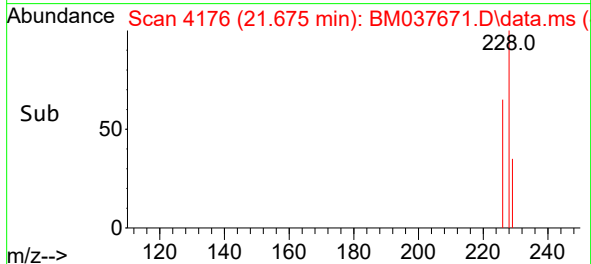
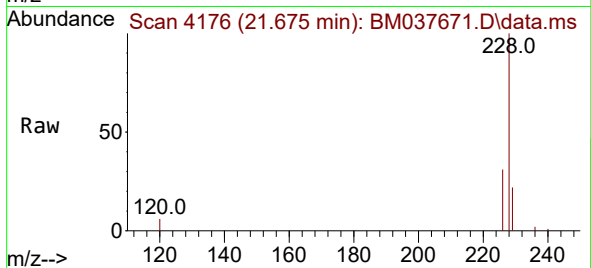
C9826

Tgt Ion:	228	Resp:	1877
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.6	37.0
229	22.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022



#24

Benzo(b)fluoranthene

Concen: 0.198 ng/ul

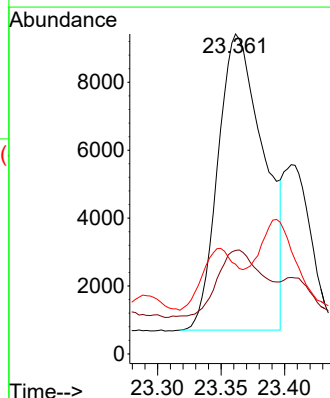
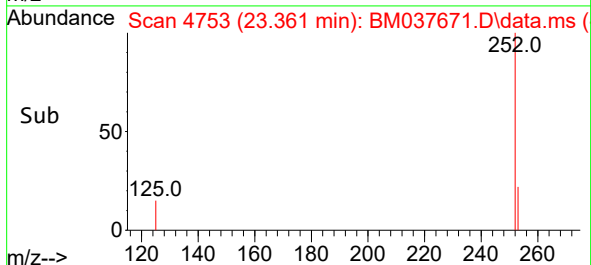
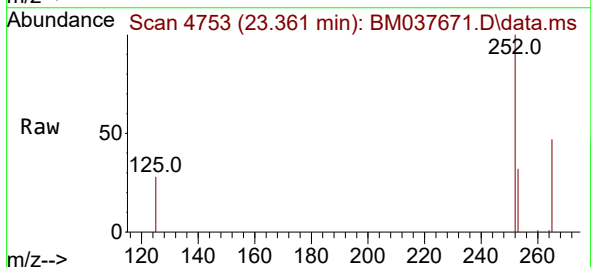
RT: 23.361 min Scan# 4753

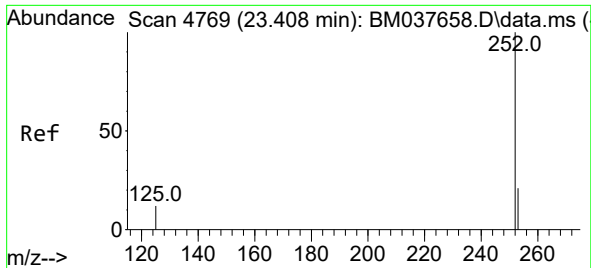
Delta R.T. 0.000 min

Lab File: BM037671.D

Acq: 23 Nov 2022 09:29

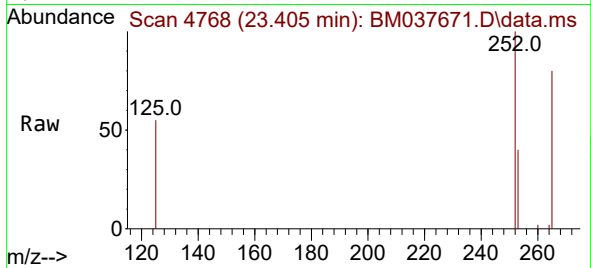
Tgt Ion:	252	Resp:	21837
Ion Ratio	Lower	Upper	
252	100		
253	32.4	0.0	46.2
125	28.0	0.0	23.4





#25
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.405 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

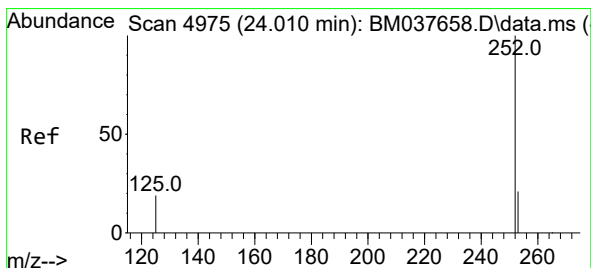
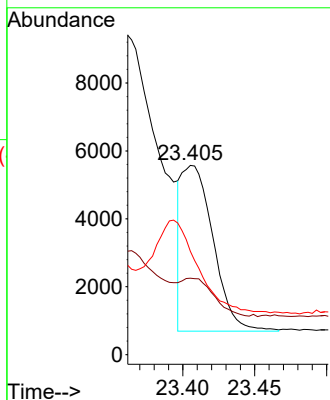
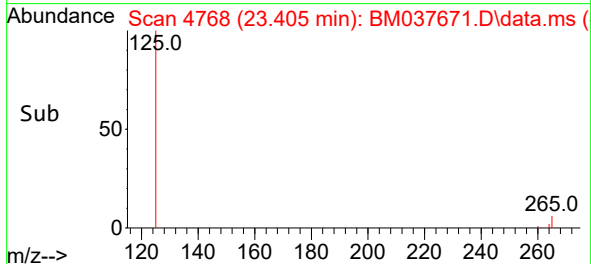
Instrument :
BNA_M
ClientSampleId :
C9826



Tgt Ion:252 Resp: 7470
Ion Ratio Lower Upper
252 100
253 40.4 18.8 28.2#
125 54.6 9.8 14.6#

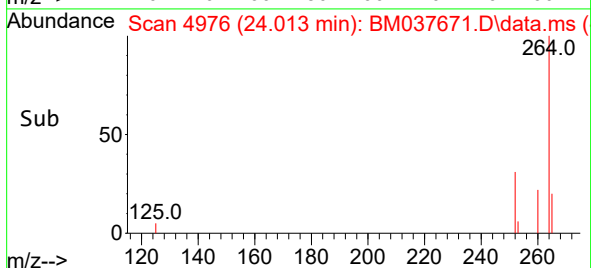
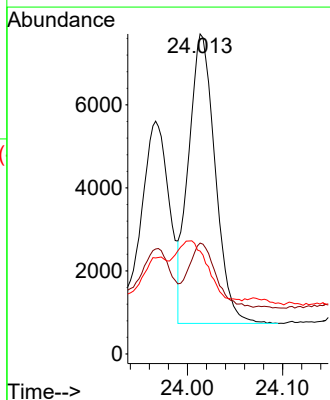
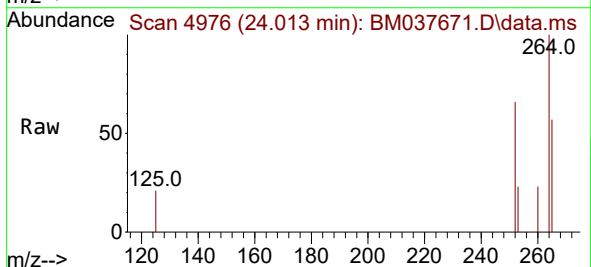
Manual Integrations
APPROVED

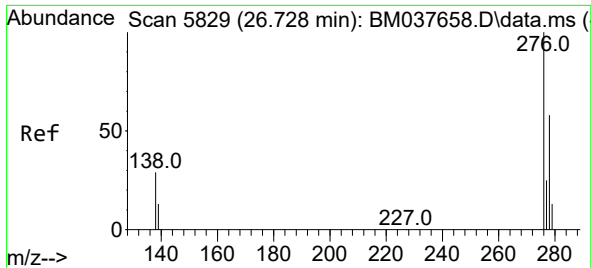
Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022



#26
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 24.013 min Scan# 4976
Delta R.T. 0.000 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

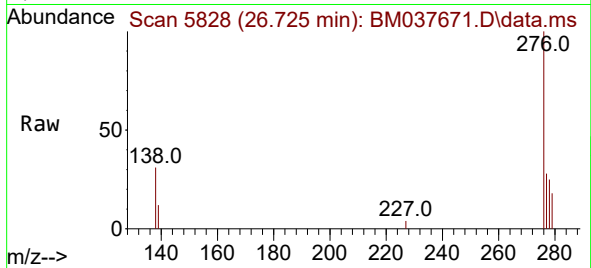
Tgt Ion:252 Resp: 13510
Ion Ratio Lower Upper
252 100
253 34.6 18.8 28.2#
125 32.2 10.5 15.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 26.725 min Scan# 5829
Delta R.T. -0.003 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

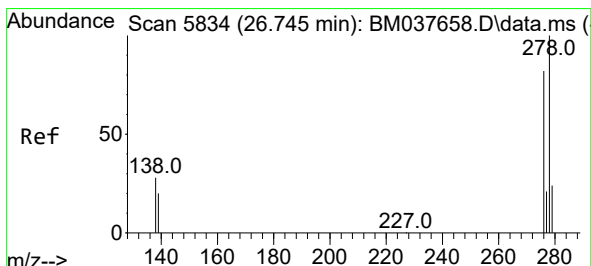
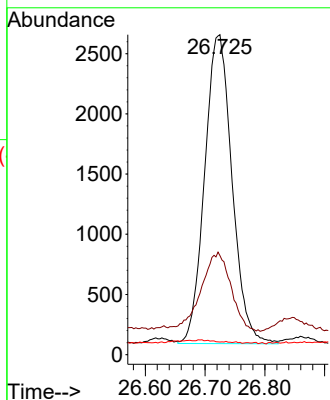
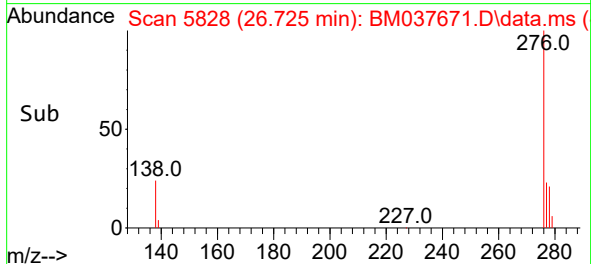
Instrument :
BNA_M
ClientSampleId :
C9826



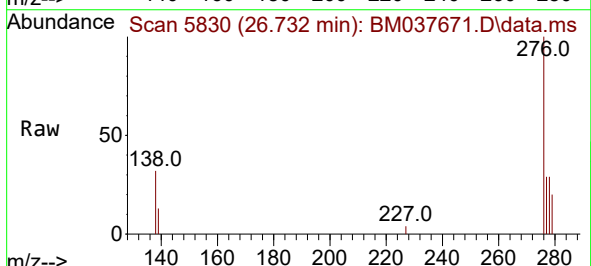
Tgt Ion:276 Resp: 817
Ion Ratio Lower Upper
276 100
138 27.9 21.2 31.8
227 0.0 0.1 0.1

Manual Integrations
APPROVED

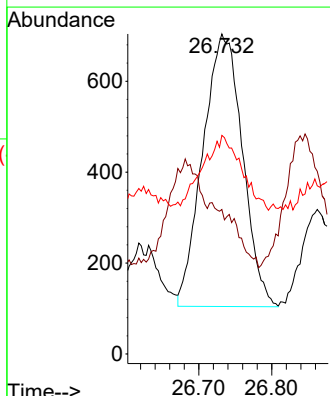
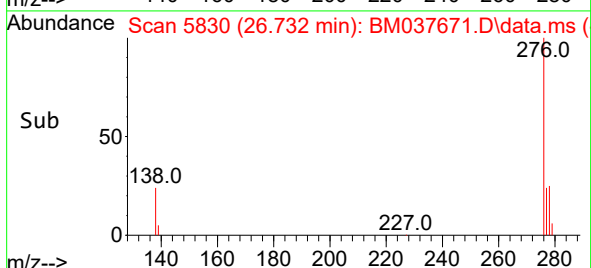
Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022

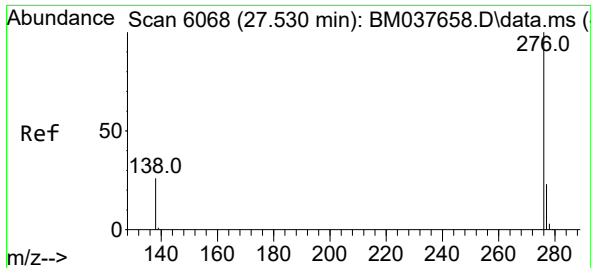


#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.732 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29



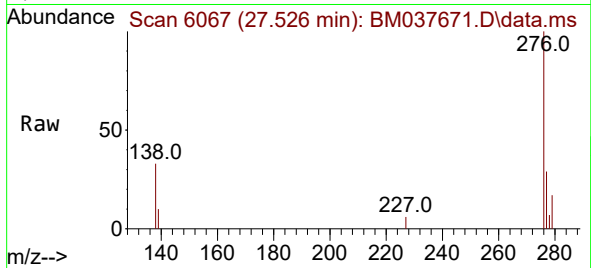
Tgt Ion:278 Resp: 2264
Ion Ratio Lower Upper
278 100
139 45.2 15.2 22.8#
279 68.3 20.2 30.2#





#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826



Tgt Ion:276 Resp: 623
Ion Ratio Lower Upper
276 100
138 33.4 19.0 28.4
277 29.5 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/25/2022

