

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037649.D
 Acq On : 22 Nov 2022 19:29
 Operator : CG/JU
 Sample : N5577-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9834

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 22:52:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	7095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	22146	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.746	164	13369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	28630	0.400	ng/ul	0.00
17) Chrysene-d12	21.637	240	21876	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	22827	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	54958	6.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.524	152	11931	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.493	212	28939	0.400	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	11.001	128	2752	0.041	ng/ul#	94
7) 2-Methylnaphthalene	12.596	142	1641	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.810	142	1175	0.025	ng/ul	99
12) Fluorene	15.787	166	1648	0.026	ng/ul#	96
14) Pentachlorophenol	17.123	266	184	0.029	ng/ul	95
15) Phenanthrene	17.520	178	16960	0.173	ng/ul	99
16) Anthracene	17.613	178	5098m	0.054	ng/ul	
19) Fluoranthene	19.521	202	36074	0.342	ng/ul#	94
20) Pyrene	19.884	202	32355m	0.295	ng/ul	
21) Benzo(a)anthracene	21.619	228	14269	0.146	ng/ul	98
22) Chrysene	21.675	228	17437	0.180	ng/ul	98
24) Benzo(b)fluoranthene	23.361	252	24569	0.236	ng/ul#	80
25) Benzo(k)fluoranthene	23.408	252	9495m	0.090	ng/ul	
26) Benzo(a)pyrene	24.016	252	15111	0.167	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.721	276	13385	0.112	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.745	278	5081	0.054	ng/ul#	70
29) Benzo(g,h,i)perylene	27.533	276	10555	0.104	ng/ul#	91

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

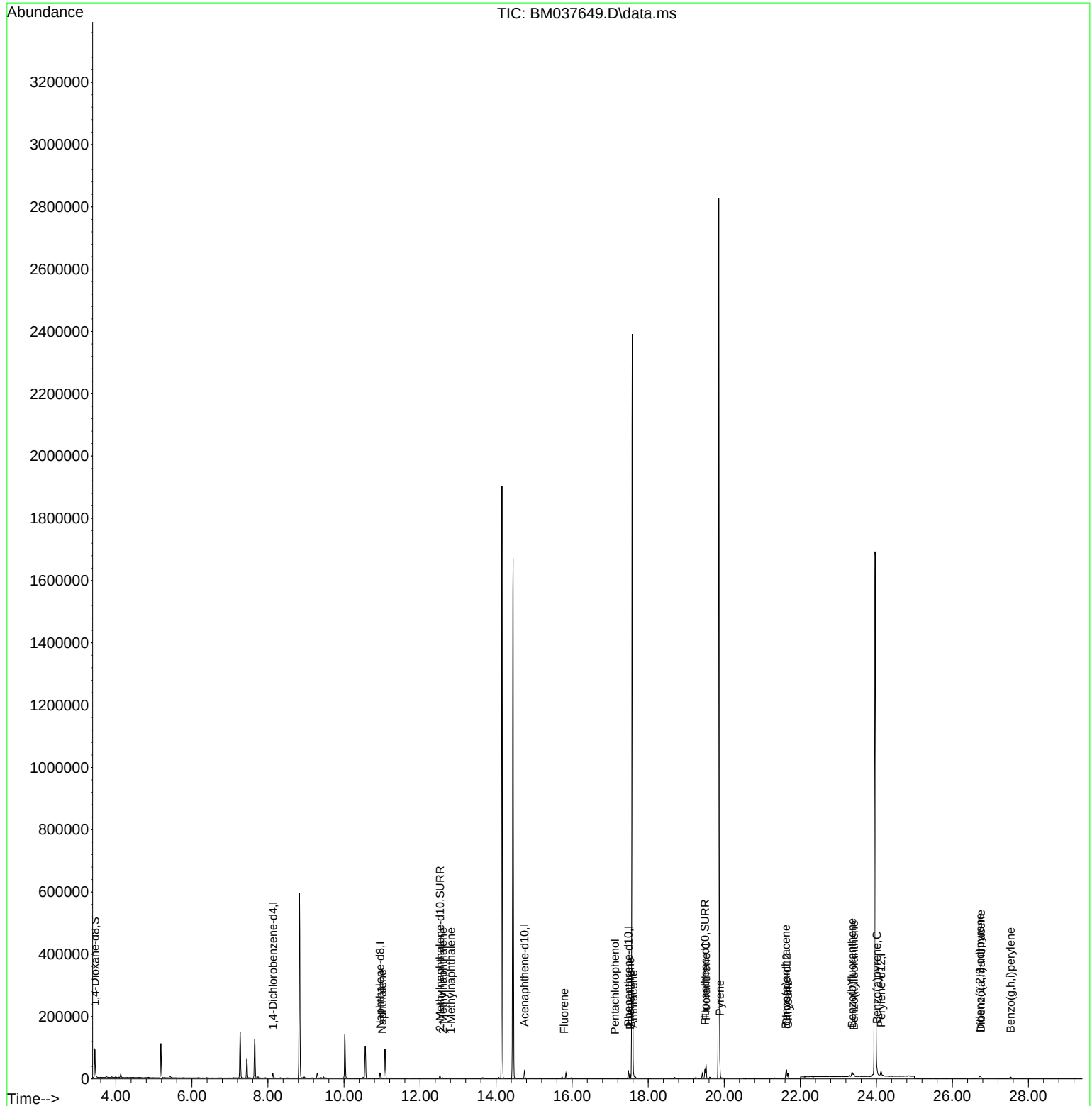
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037649.D
Acq On : 22 Nov 2022 19:29
Operator : CG/JU
Sample : N5577-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

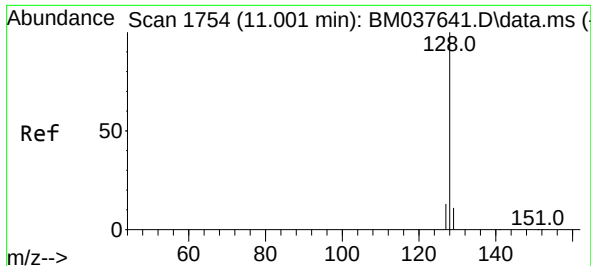
Instrument :
BNA_M
ClientSampleId :
C9834

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

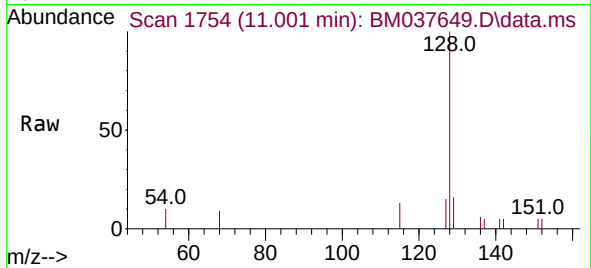
Quant Time: Nov 22 22:52:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 11.001 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

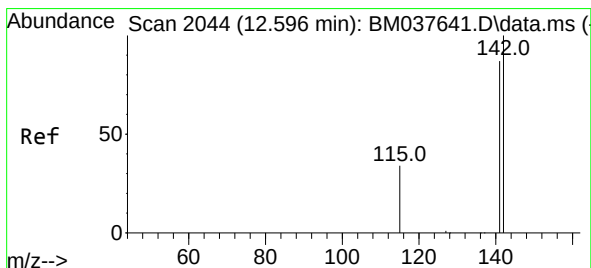
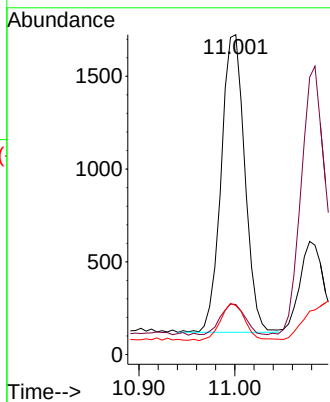
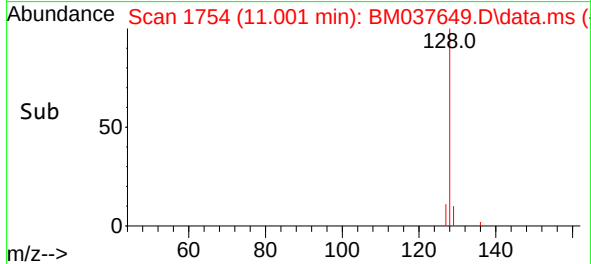
Instrument :
BNA_M
ClientSampleId :
C9834



Tgt Ion:128 Resp: 2752
Ion Ratio Lower Upper
128 100
129 15.7 9.8 14.8
127 15.3 11.0 16.4

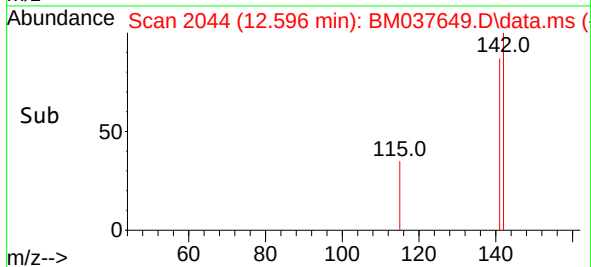
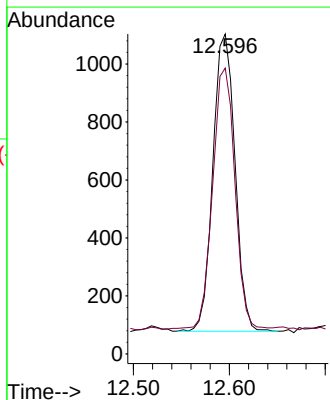
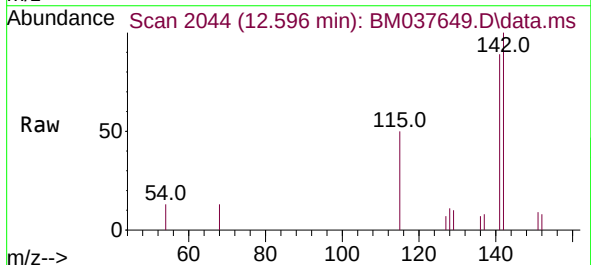
Manual Integrations
APPROVED

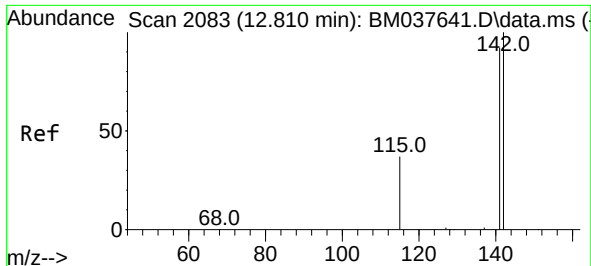
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.596 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

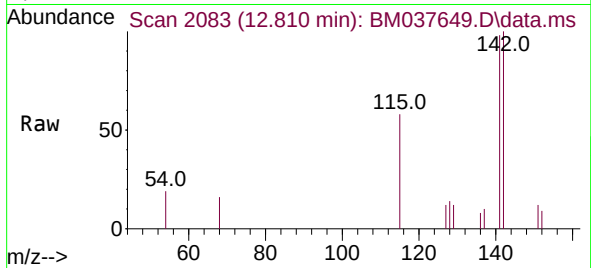
Tgt Ion:142 Resp: 1641
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.810 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

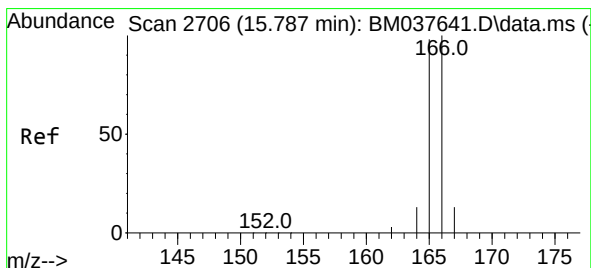
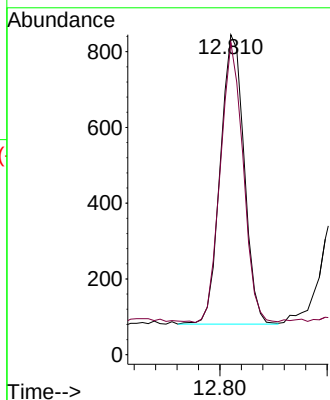
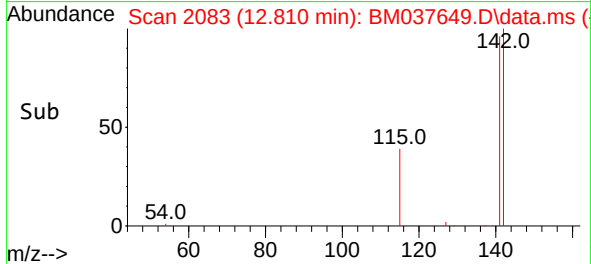
Instrument :
BNA_M
ClientSampleId :
C9834



Tgt Ion:142 Resp: 1175
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0

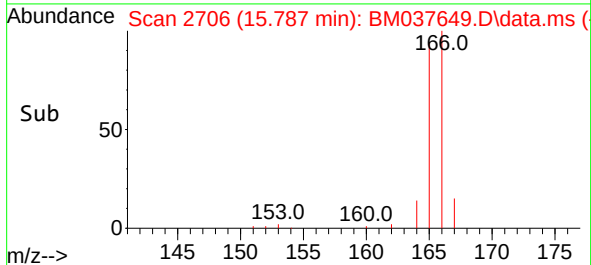
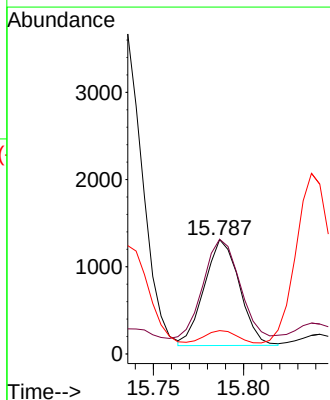
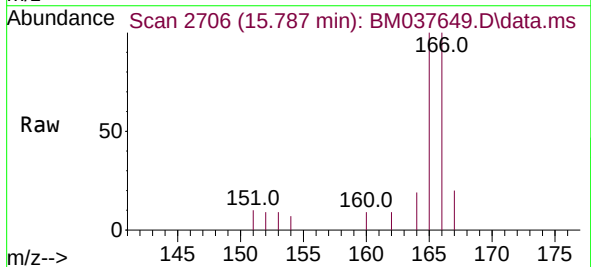
Manual Integrations
APPROVED

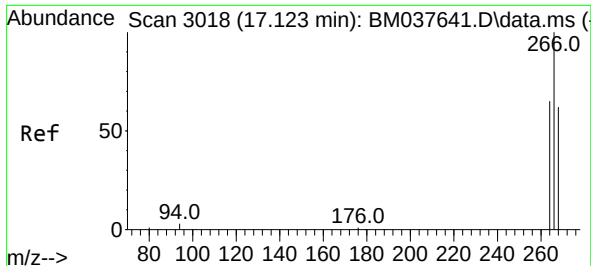
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.787 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

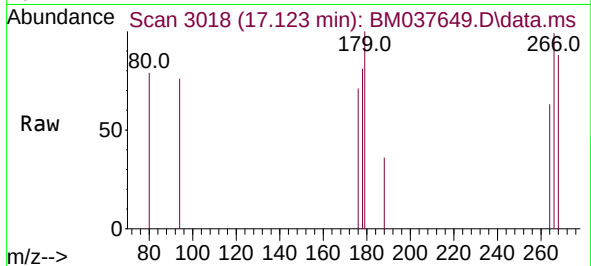
Tgt Ion:166 Resp: 1648
Ion Ratio Lower Upper
166 100
165 100.2 78.7 118.1
167 20.4 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 17.123 min Scan# 3018
Delta R.T. -0.004 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

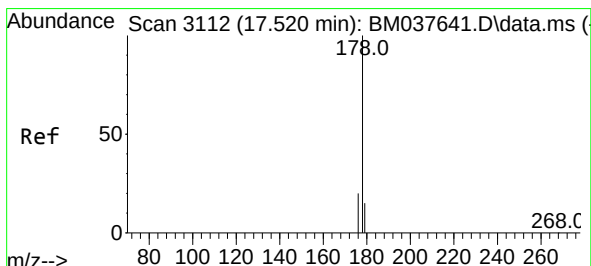
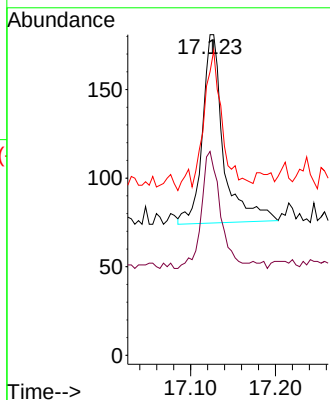
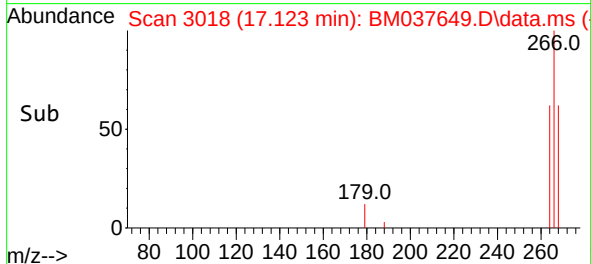
Instrument :
BNA_M
ClientSampleId :
C9834



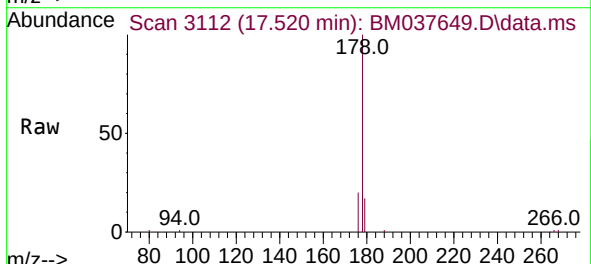
Tgt Ion:	266	Resp:	184
Ion Ratio	Lower	Upper	
266	100		
264	58.7	50.2	75.2
268	68.5	52.0	78.0

Manual Integrations
APPROVED

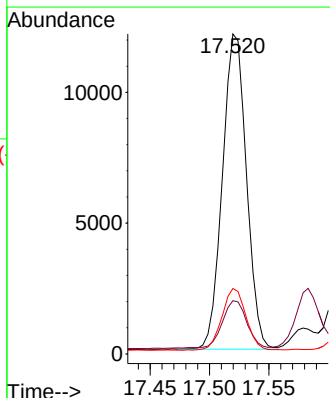
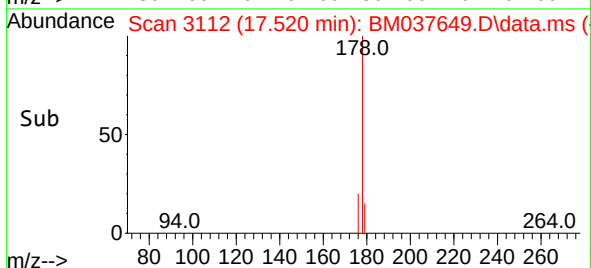
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

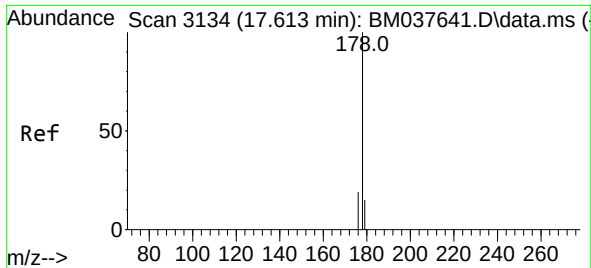


#15
Phenanthrene
Concen: 0.173 ng/ul
RT: 17.520 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29



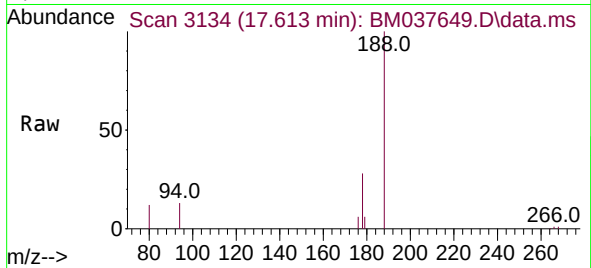
Tgt Ion:	178	Resp:	16960
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.6	18.8
176	20.4	16.0	24.0





#16
 Anthracene
 Concen: 0.054 ng/ul m
 RT: 17.613 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: BM037649.D
 Acq: 22 Nov 2022 19:29

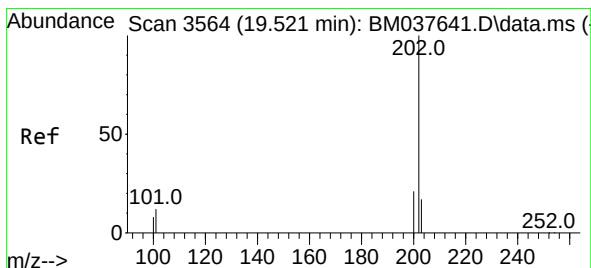
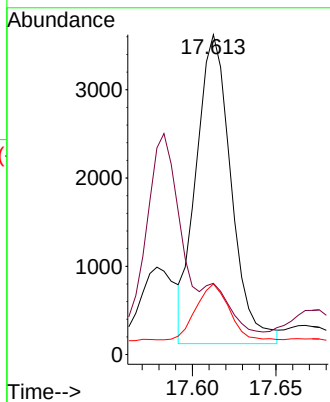
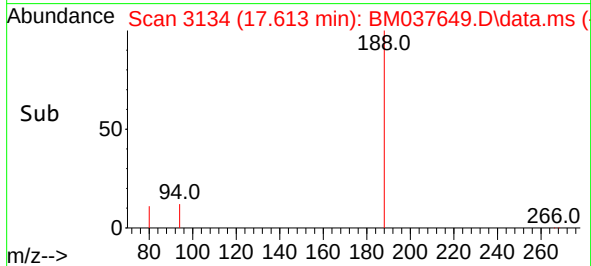
Instrument :
 BNA_M
 ClientSampleId :
 C9834



Tgt Ion:178 Resp: 5098
 Ion Ratio Lower Upper
 178 100
 179 22.3 12.8 19.2
 176 22.1 15.0 22.6

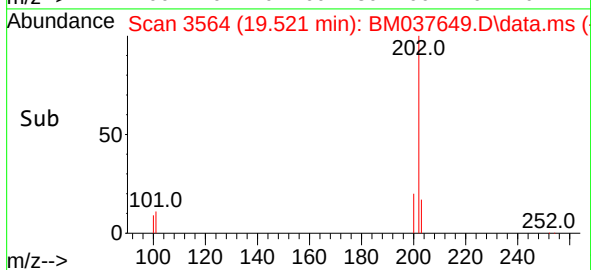
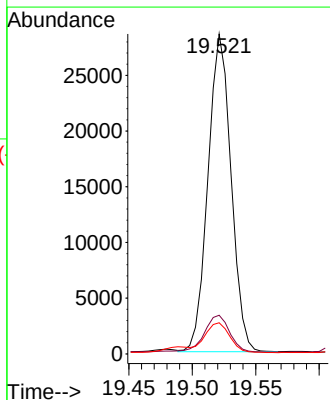
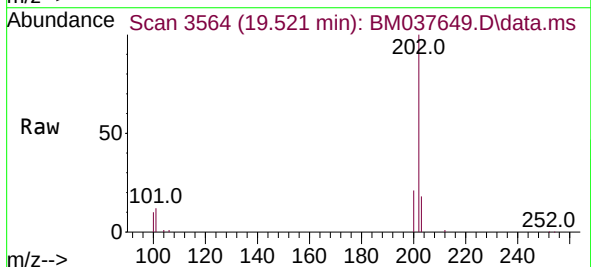
Manual Integrations
 APPROVED

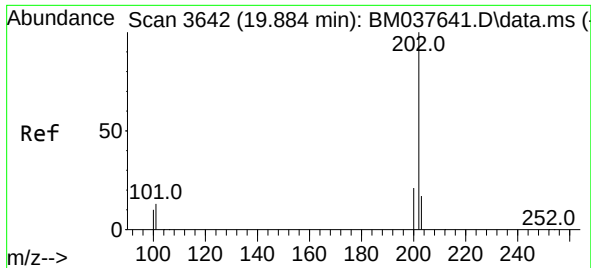
Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022



#19
 Fluoranthene
 Concen: 0.342 ng/ul
 RT: 19.521 min Scan# 3564
 Delta R.T. -0.000 min
 Lab File: BM037649.D
 Acq: 22 Nov 2022 19:29

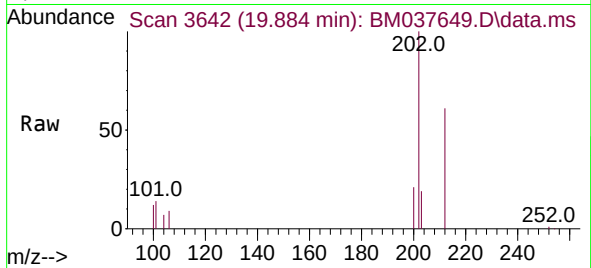
Tgt Ion:202 Resp: 36074
 Ion Ratio Lower Upper
 202 100
 101 12.1 8.2 12.2
 100 9.7 6.1 9.1#





#20
Pyrene
Concen: 0.295 ng/ul m
RT: 19.884 min Scan# 3642
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

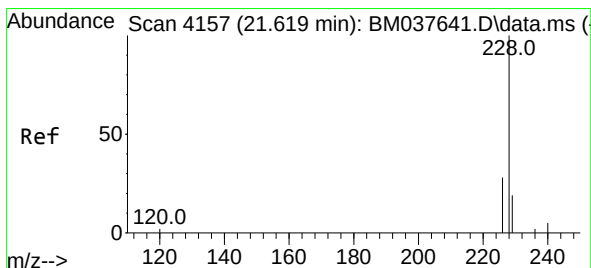
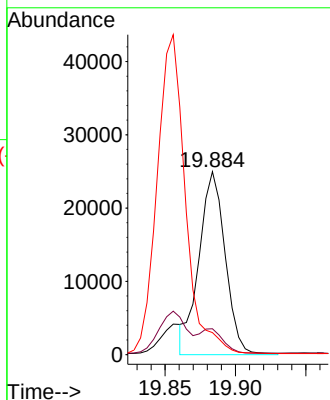
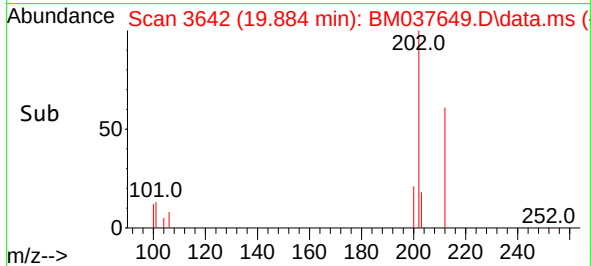
Instrument :
BNA_M
ClientSampleId :
C9834



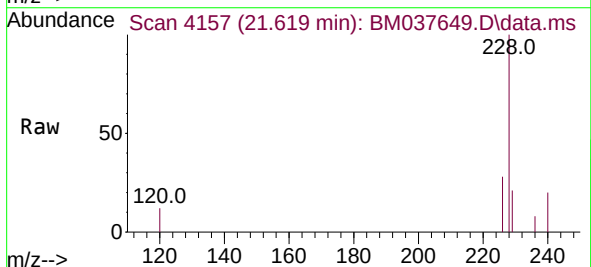
Tgt Ion:202 Resp: 3235
Ion Ratio Lower Upper
202 100
101 14.1 10.1 15.1
100 12.0 8.0 12.0

Manual Integrations
APPROVED

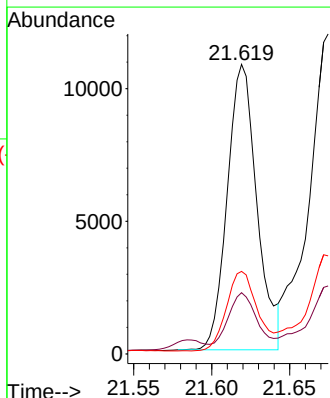
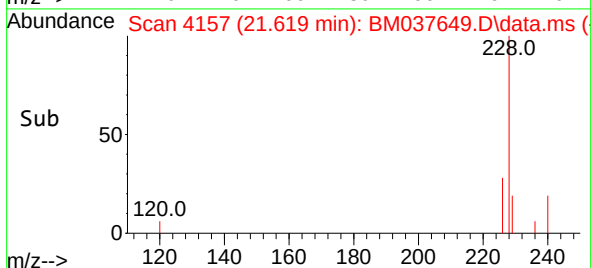
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

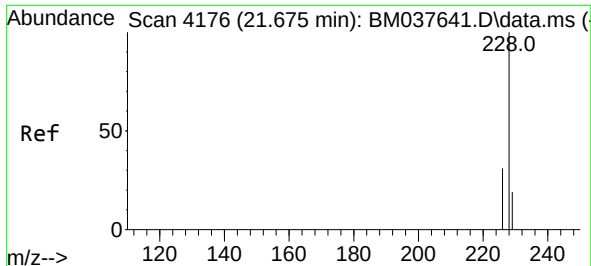


#21
Benzo(a)anthracene
Concen: 0.146 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29



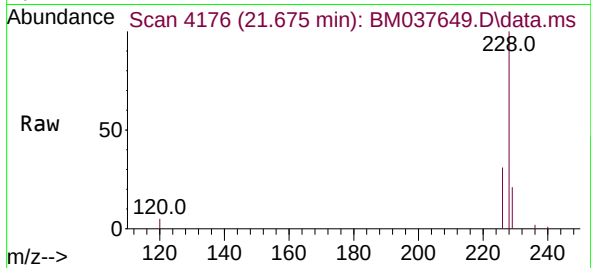
Tgt Ion:228 Resp: 14269
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.5 22.2 33.2





#22
Chrysene
Concen: 0.180 ng/ul
RT: 21.675 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

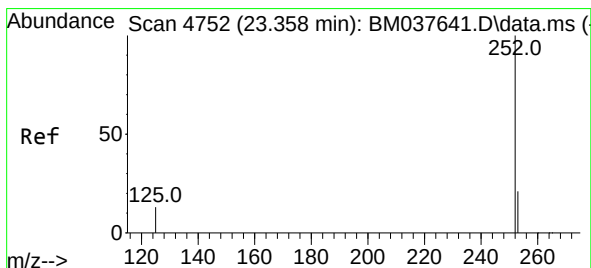
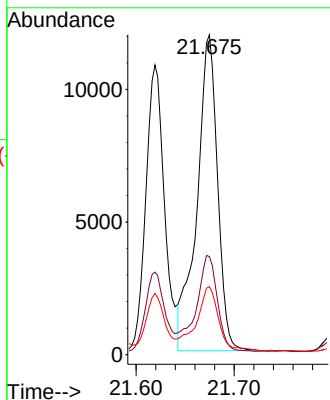
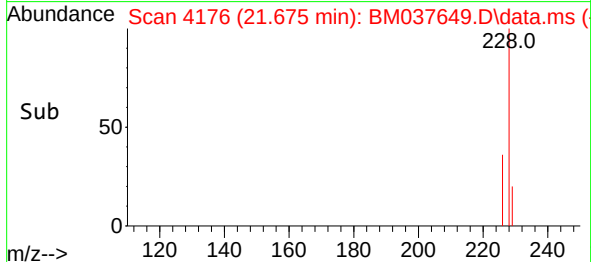
Instrument :
BNA_M
ClientSampleId :
C9834



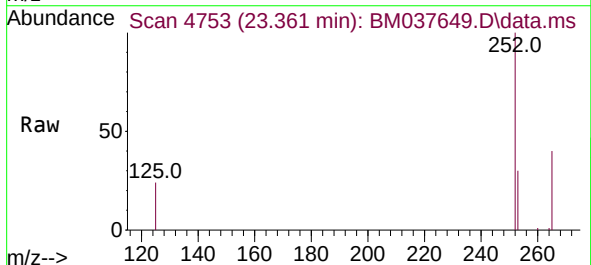
Tgt Ion:228 Resp: 17437
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.2 15.5 23.3

Manual Integrations
APPROVED

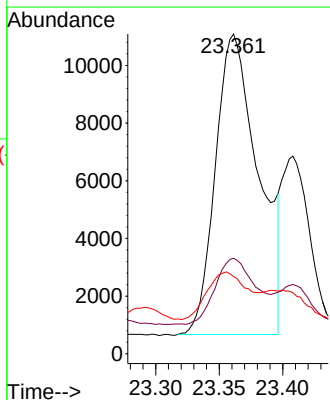
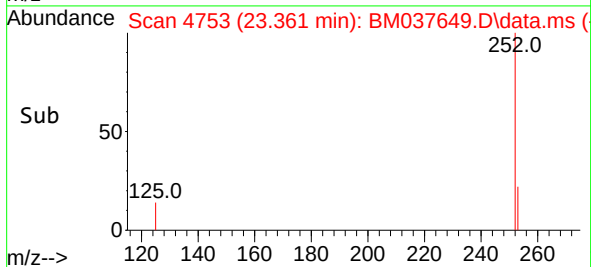
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

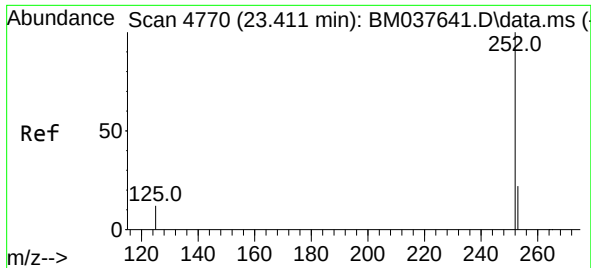


#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul
RT: 23.361 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29



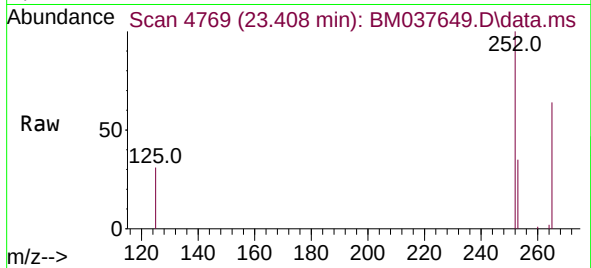
Tgt Ion:252 Resp: 24569
Ion Ratio Lower Upper
252 100
253 29.9 0.0 46.2
125 24.2 0.0 23.4#





#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

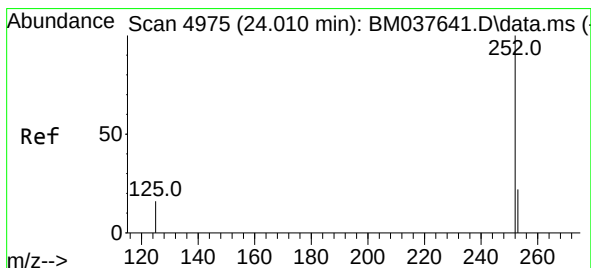
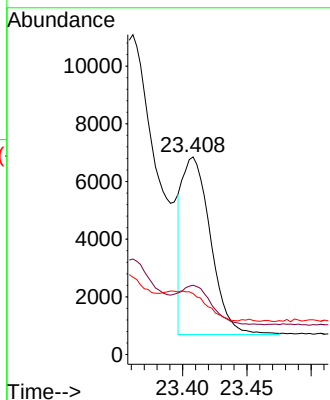
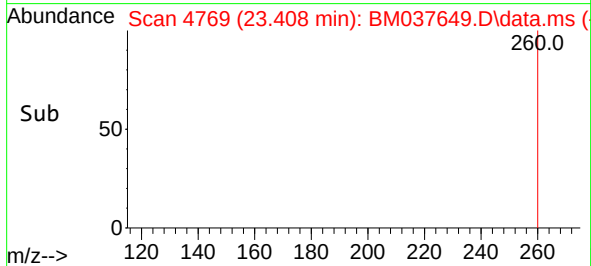
Instrument :
BNA_M
ClientSampleId :
C9834



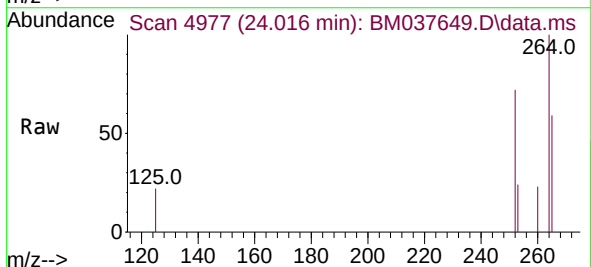
Tgt Ion:252 Resp: 9495
Ion Ratio Lower Upper
252 100
253 35.1 18.8 28.2#
125 30.9 9.8 14.6#

Manual Integrations
APPROVED

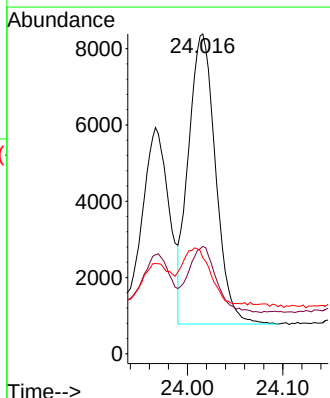
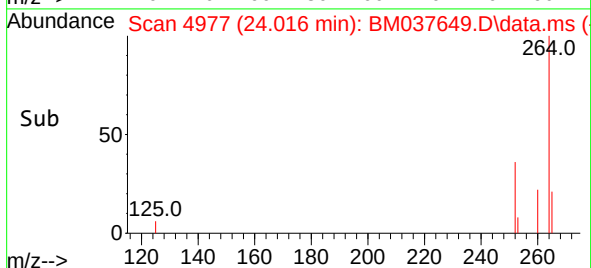
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

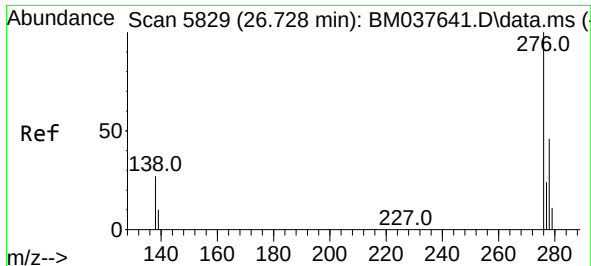


#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 24.016 min Scan# 4977
Delta R.T. 0.003 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29



Tgt Ion:252 Resp: 15111
Ion Ratio Lower Upper
252 100
253 33.6 18.8 28.2#
125 30.0 10.5 15.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.112 ng/ul

RT: 26.721 min Scan# 5829

Delta R.T. -0.007 min

Lab File: BM037649.D

Acq: 22 Nov 2022 19:29

Instrument :

BNA_M

ClientSampleId :

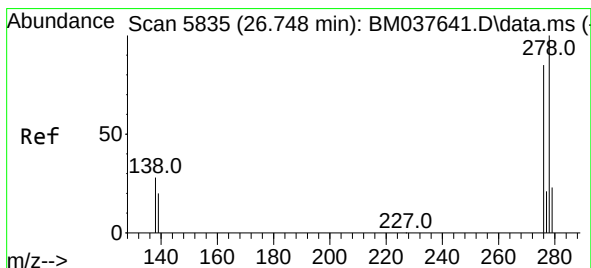
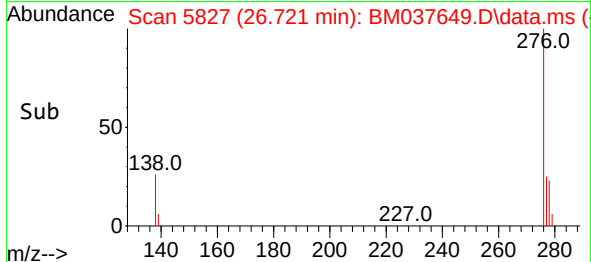
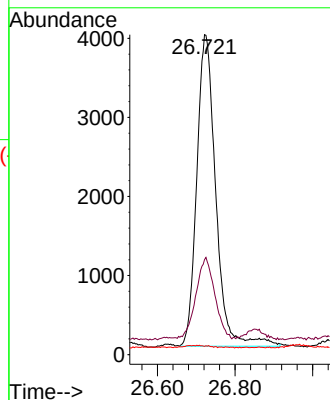
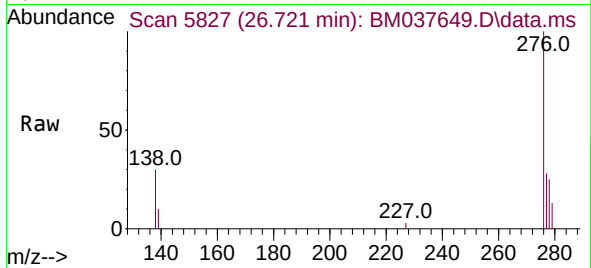
C9834

Tgt Ion:276 Resp: 13385
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.2 31.8
 227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.054 ng/ul

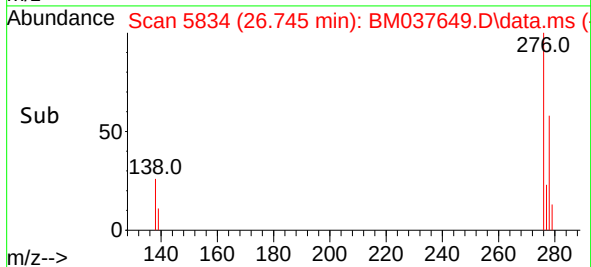
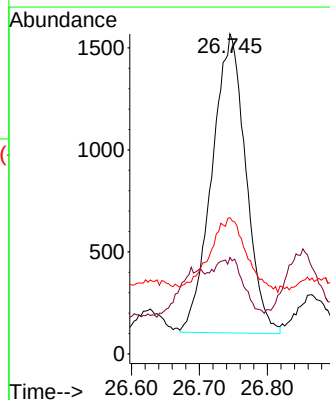
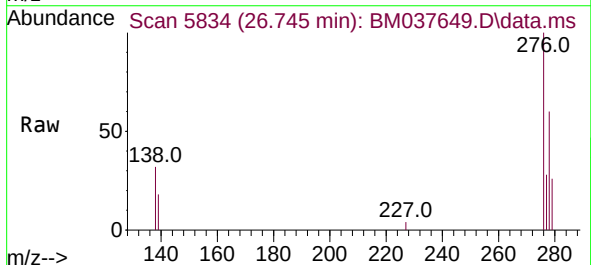
RT: 26.745 min Scan# 5834

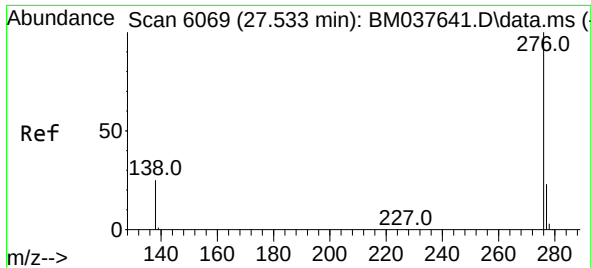
Delta R.T. -0.003 min

Lab File: BM037649.D

Acq: 22 Nov 2022 19:29

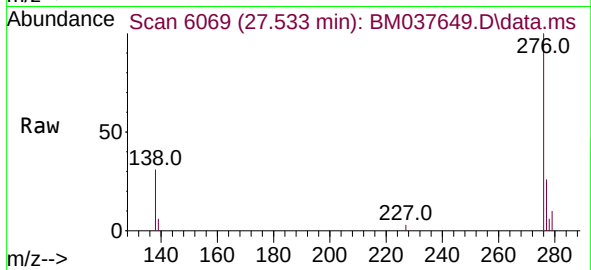
Tgt Ion:278 Resp: 5081
 Ion Ratio Lower Upper
 278 100
 139 30.1 15.2 22.8#
 279 42.6 20.2 30.2#





#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 27.533 min Scan# 6069
Delta R.T. -0.000 min
Lab File: BM037649.D
Acq: 22 Nov 2022 19:29

Instrument :
BNA_M
ClientSampleId :
C9834



Tgt Ion:276 Resp: 1055
Ion Ratio Lower Upper
276 100
138 30.8 19.0 28.4
277 26.0 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

