

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036879.D
 Acq On : 08 Oct 2022 04:26
 Operator : CG/JU
 Sample : N4824-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2022
 Supervised By :mohammad ahmed 10/11/2022

Quant Time: Oct 08 05:03:42 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 : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	9595	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	34068	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.589	164	22632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	38707	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.491	240	23409	0.400	ng/ul	# 0.00
23) Perylene-d12	23.891	264	21811	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	51817	3.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	17897	0.348	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	32201	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.815	128	7053	0.072	ng/ul#	47
7) 2-Methylnaphthalene	12.420	142	2588	0.043	ng/ul	83
8) 1-Methylnaphthalene	12.640	142	4786	0.079	ng/ul	97
10) Acenaphthylene	14.311	152	8677	0.092	ng/ul#	2
11) Acenaphthene	14.649	153	210562	2.579	ng/ul	98
12) Fluorene	15.630	166	154207	1.667	ng/ul	99
15) Phenanthrene	17.364	178	59187	0.479	ng/ul#	93
16) Anthracene	17.457	178	31451m	0.305	ng/ul	
19) Fluoranthene	19.373	202	22681	0.244	ng/ul#	73
20) Pyrene	19.735	202	13439m	0.138	ng/ul	
21) Benzo(a)anthracene	21.474	228	2716	0.032	ng/ul#	16

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

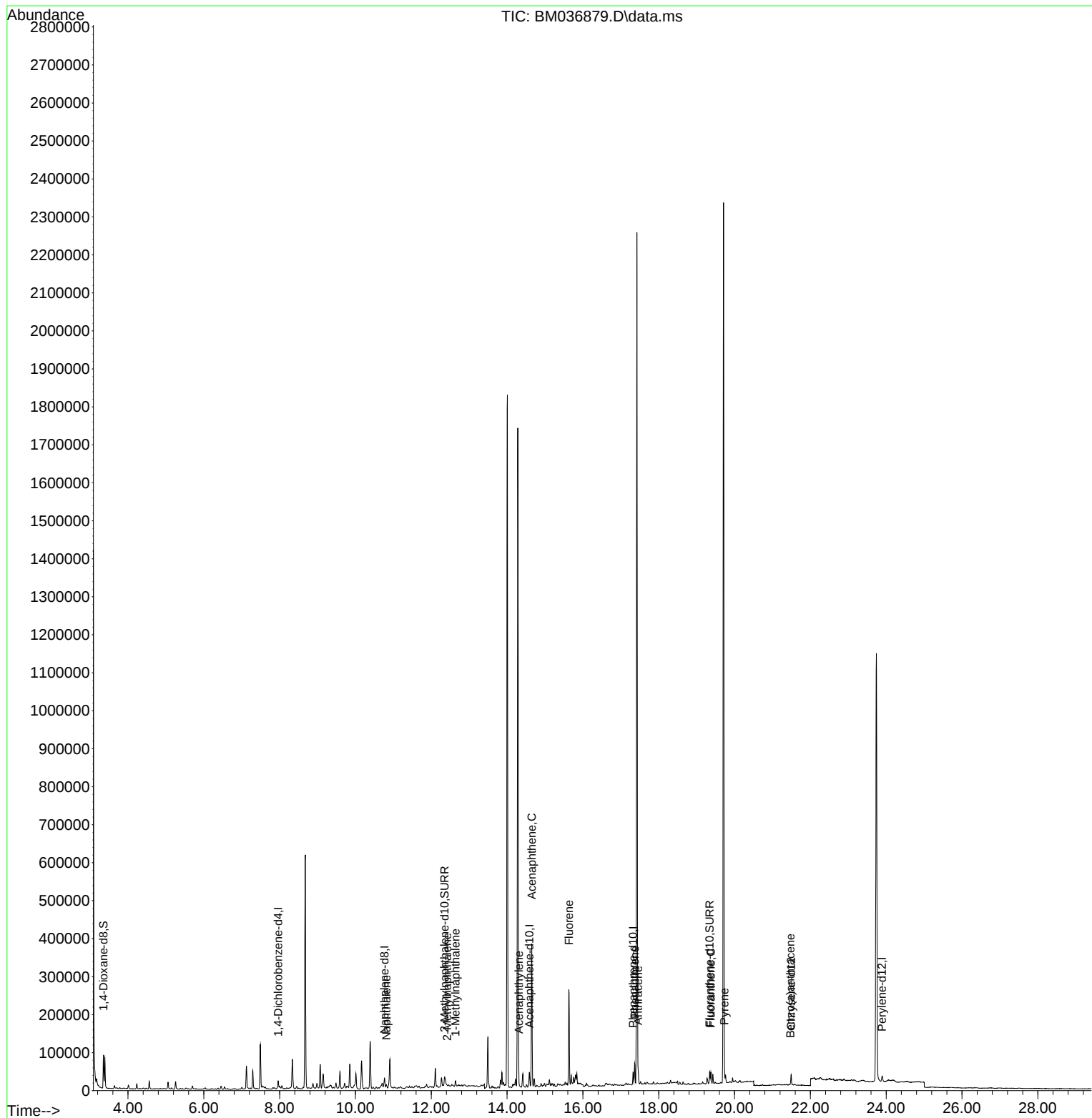
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036879.D
Acq On : 08 Oct 2022 04:26
Operator : CG/JU
Sample : N4824-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

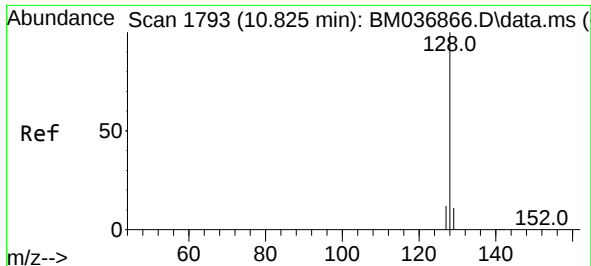
Instrument :
BNA_M
ClientSampleId :
CB8P3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022

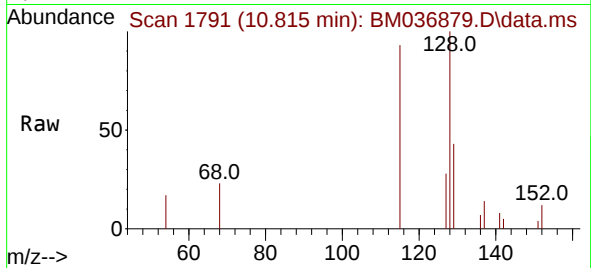
Quant Time: Oct 08 05:03:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.011 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

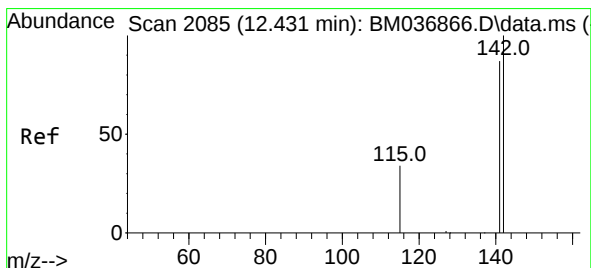
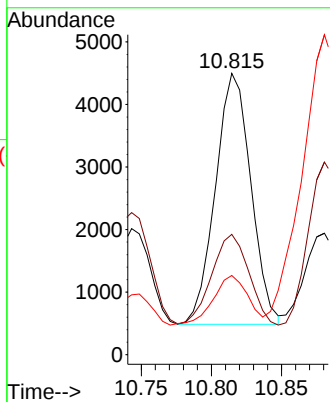
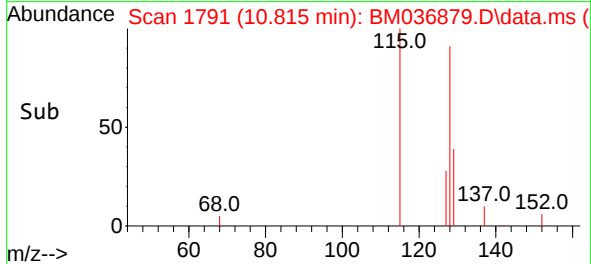
Instrument :
BNA_M
ClientSampleId :
CB8P3



Tgt Ion:128 Resp: 705
Ion Ratio Lower Upper
128 100
129 42.8 10.2 15.2
127 28.1 11.7 17.5

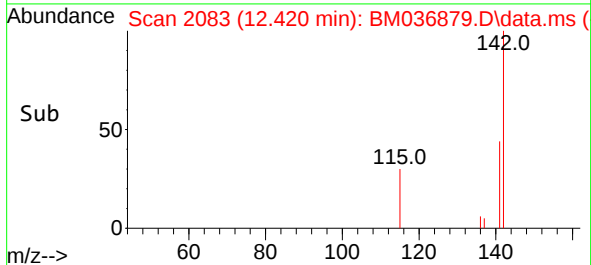
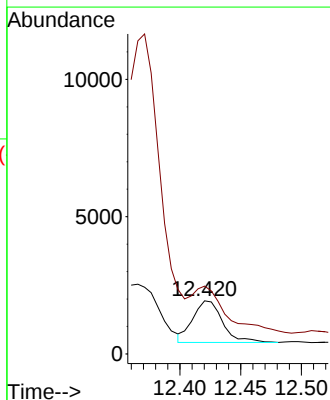
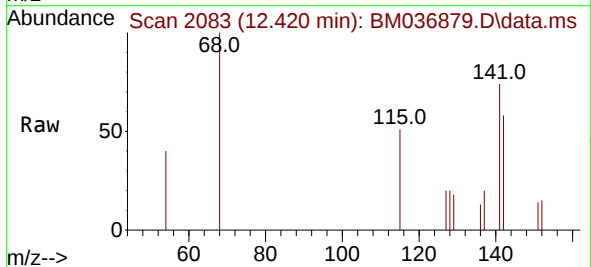
Manual Integrations
APPROVED

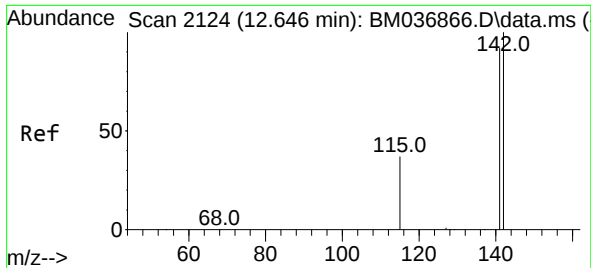
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

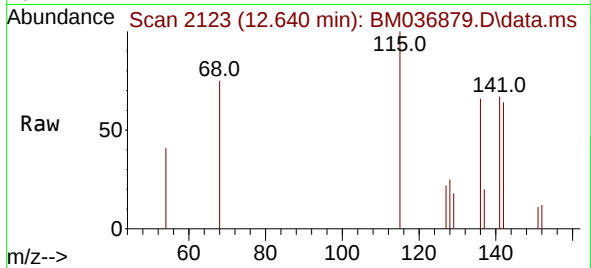
Tgt Ion:142 Resp: 2588
Ion Ratio Lower Upper
142 100
141 113.6 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.079 ng/u1
RT: 12.640 min Scan# 2124
Delta R.T. -0.011 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

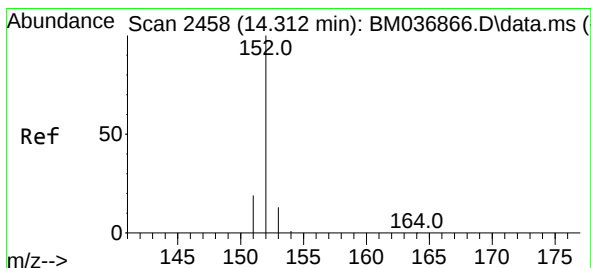
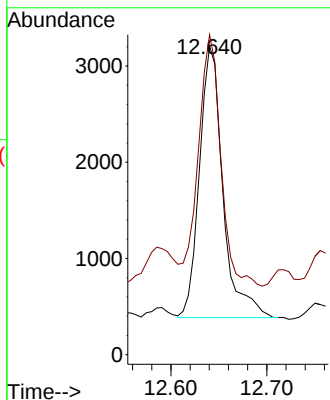
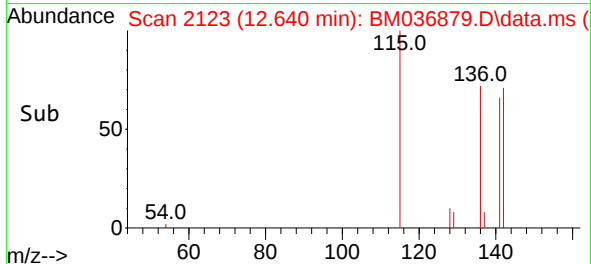
Instrument :
BNA_M
ClientSampleId :
CB8P3



Tgt Ion:142 Resp: 4780
Ion Ratio Lower Upper
142 100
141 89.3 74.1 111.1

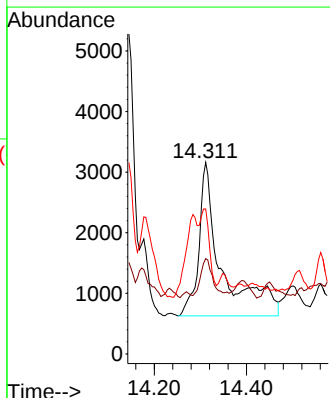
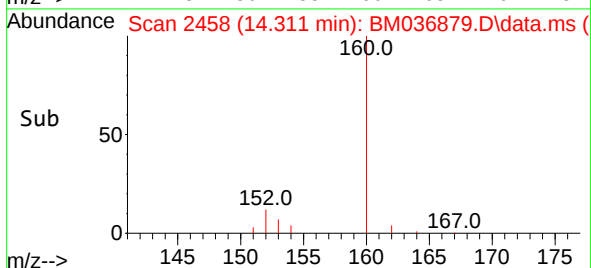
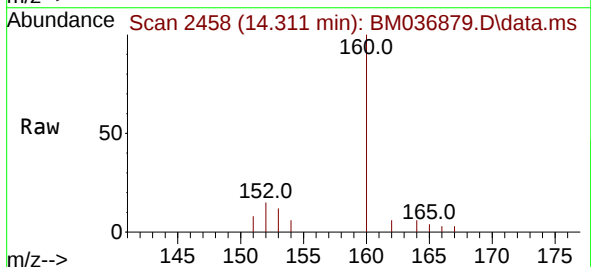
Manual Integrations
APPROVED

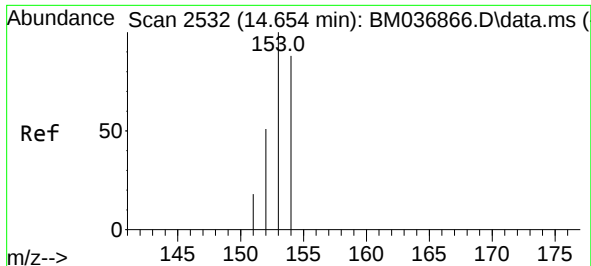
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#10
Acenaphthylene
Concen: 0.092 ng/u1
RT: 14.311 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

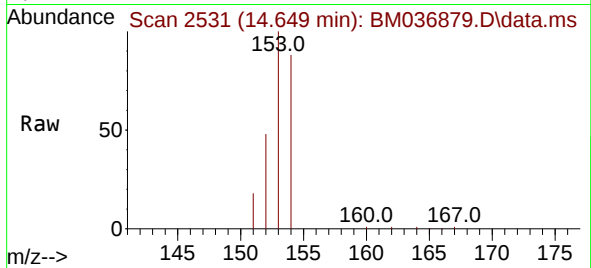
Tgt Ion:152 Resp: 8677
Ion Ratio Lower Upper
152 100
151 49.8 16.6 24.8#
153 75.7 11.4 17.0#





#11
Acenaphthene
Concen: 2.579 ng/ul
RT: 14.649 min Scan# 21056
Delta R.T. -0.005 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

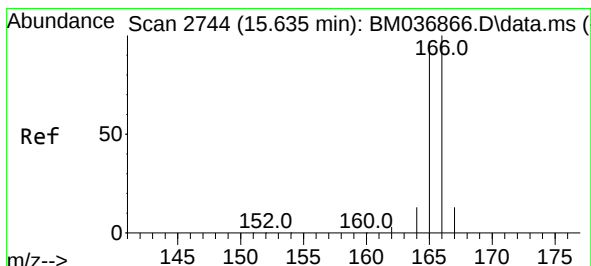
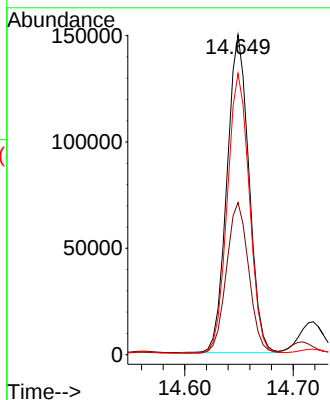
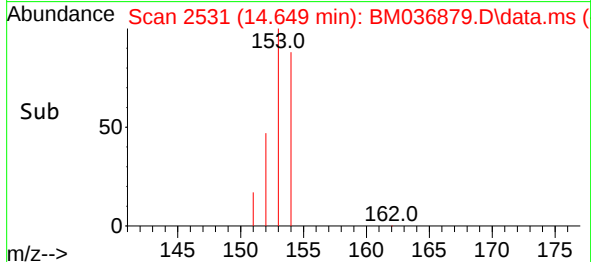
Instrument :
BNA_M
ClientSampleId :
CB8P3



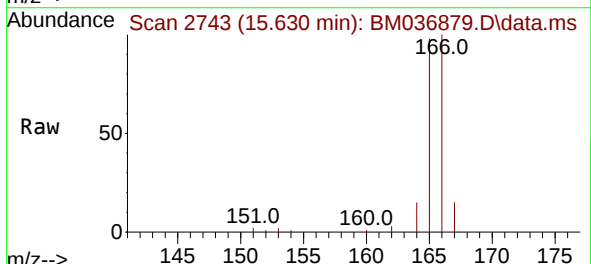
Tgt Ion:153 Resp: 21056
Ion Ratio Lower Upper
153 100
152 47.6 40.2 60.4
154 87.9 69.7 104.5

Manual Integrations
APPROVED

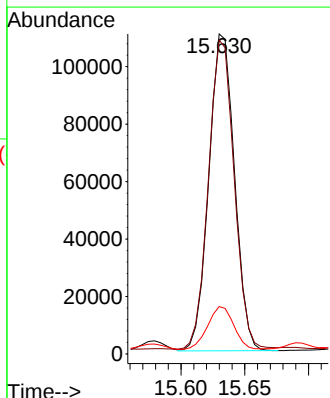
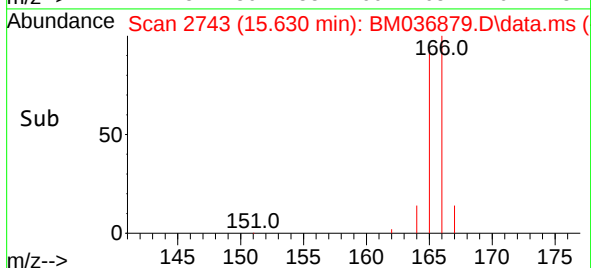
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022

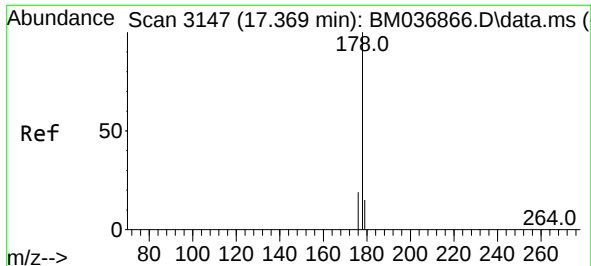


#12
Fluorene
Concen: 1.667 ng/ul
RT: 15.630 min Scan# 2743
Delta R.T. -0.005 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26



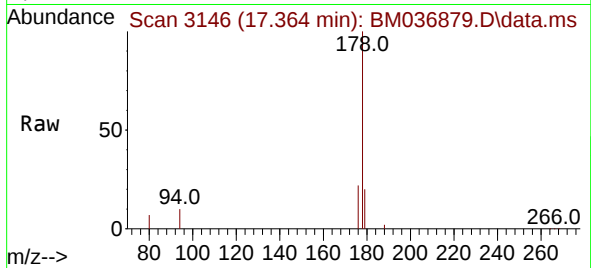
Tgt Ion:166 Resp: 154207
Ion Ratio Lower Upper
166 100
165 98.1 78.9 118.3
167 14.8 11.3 16.9





#15
Phenanthrene
Concen: 0.479 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

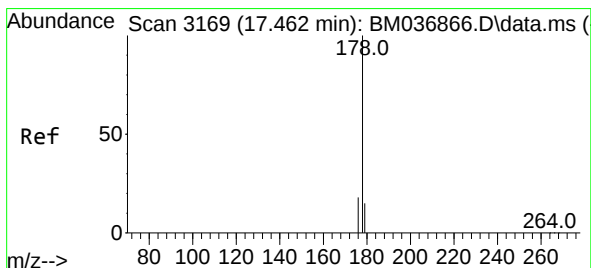
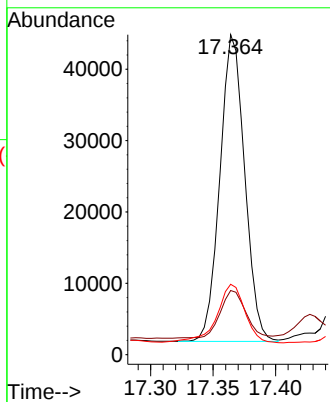
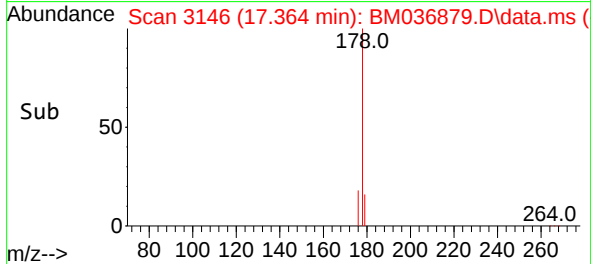
Instrument :
BNA_M
ClientSampleId :
CB8P3



Tgt Ion:178 Resp: 5918
Ion Ratio Lower Upper
178 100
179 20.1 13.0 19.6
176 22.0 15.6 23.4

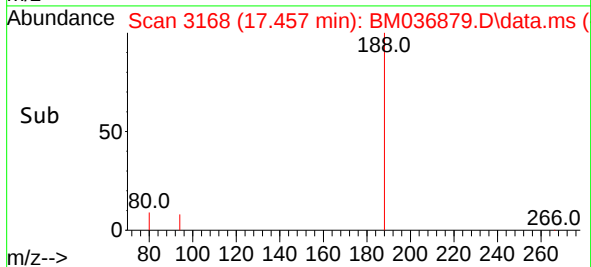
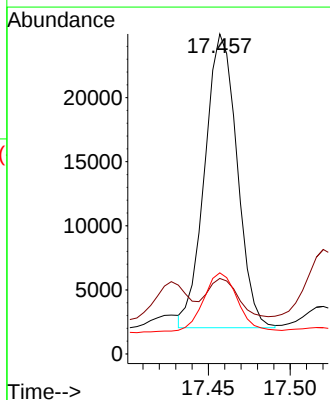
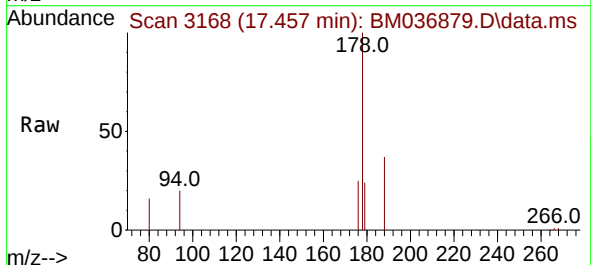
Manual Integrations
APPROVED

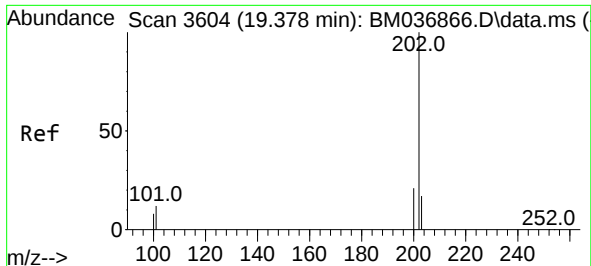
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#16
Anthracene
Concen: 0.305 ng/ul m
RT: 17.457 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

Tgt Ion:178 Resp: 31451
Ion Ratio Lower Upper
178 100
179 23.6 13.6 20.4#
176 25.3 15.6 23.4#





#19

Fluoranthene

Concen: 0.244 ng/ul

RT: 19.373 min Scan# 3603

Delta R.T. -0.005 min

Lab File: BM036879.D

Acq: 08 Oct 2022 04:26

Instrument :

BNA_M

ClientSampleId :

CB8P3

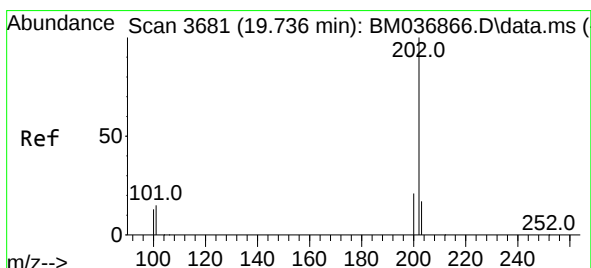
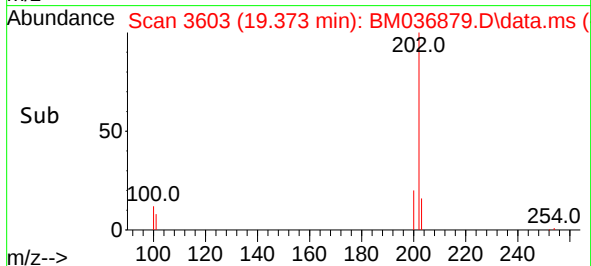
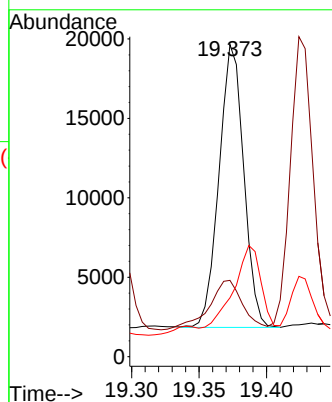
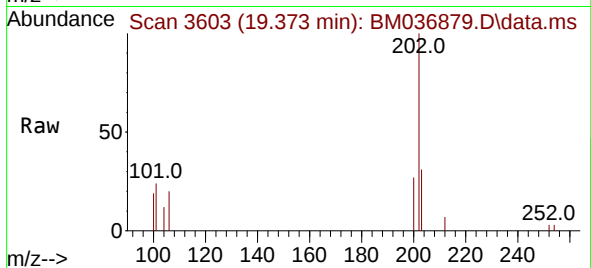
Tgt Ion:202 Resp: 2268

Ion	Ratio	Lower	Upper
202	100		
101	24.4	10.1	15.1
100	18.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#20

Pyrene

Concen: 0.138 ng/ul m

RT: 19.735 min Scan# 3681

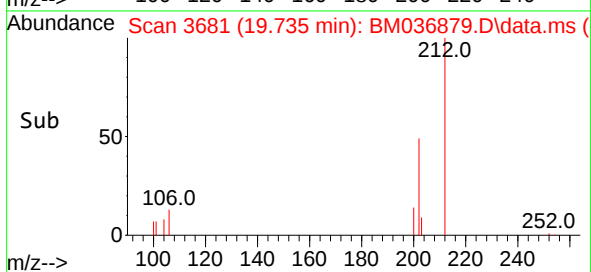
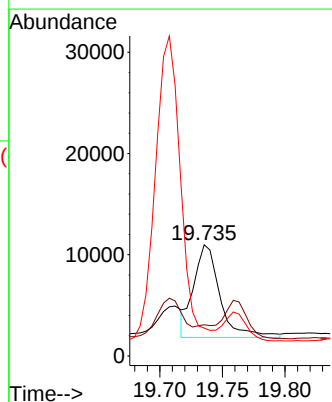
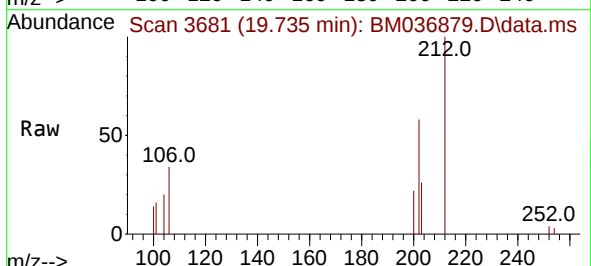
Delta R.T. -0.005 min

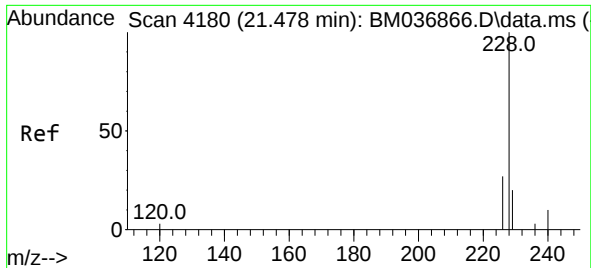
Lab File: BM036879.D

Acq: 08 Oct 2022 04:26

Tgt Ion:202 Resp: 13439

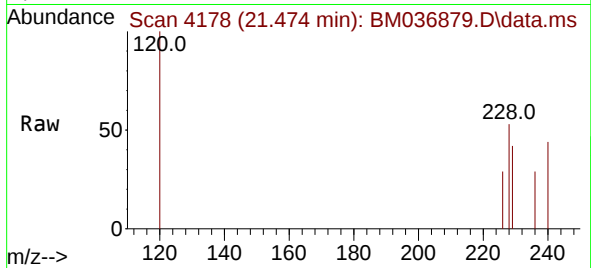
Ion	Ratio	Lower	Upper
202	100		
101	28.0	12.0	18.0#
100	25.0	9.8	14.6#





#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.474 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM036879.D
Acq: 08 Oct 2022 04:26

Instrument :
BNA_M
ClientSampleId :
CB8P3



Tgt Ion:228 Resp: 2710
Ion Ratio Lower Upper
228 100
229 79.8 16.2 24.2
226 55.6 22.5 33.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022

