

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046137.D
 Acq On : 20 Jun 2024 23:40
 Operator : MA/JU
 Sample : P2710-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B89

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:49:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.422	152	2603	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	7646	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.072	164	4175	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	8720m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	6944m	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	7697m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10675	2.989	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.828	152	2180	0.212	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	4884	0.235	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.790	152	643	0.032	ng/ul#	56
11) Acenaphthene	14.132	153	527	0.037	ng/ul#	92
12) Fluorene	15.127	166	570	0.037	ng/ul#	94
15) Phenanthrene	16.854	178	10360m	0.423	ng/ul	
16) Anthracene	16.947	178	2393m	0.131	ng/ul	
19) Fluoranthene	18.881	202	20120	0.669	ng/ul	98
20) Pyrene	19.239	202	18827	0.579	ng/ul	97
21) Benzo(a)anthracene	21.006	228	10580	0.394	ng/ul	95
22) Chrysene	21.055	228	9865	0.288	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252	14570m	0.525	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	5257m	0.159	ng/ul	
26) Benzo(a)pyrene	23.016	252	9878	0.384	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.162	276	7830	0.186	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.169	278	1899	0.061	ng/ul#	27
29) Benzo(g,h,i)perylene	25.789	276	8189	0.227	ng/ul#	91

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

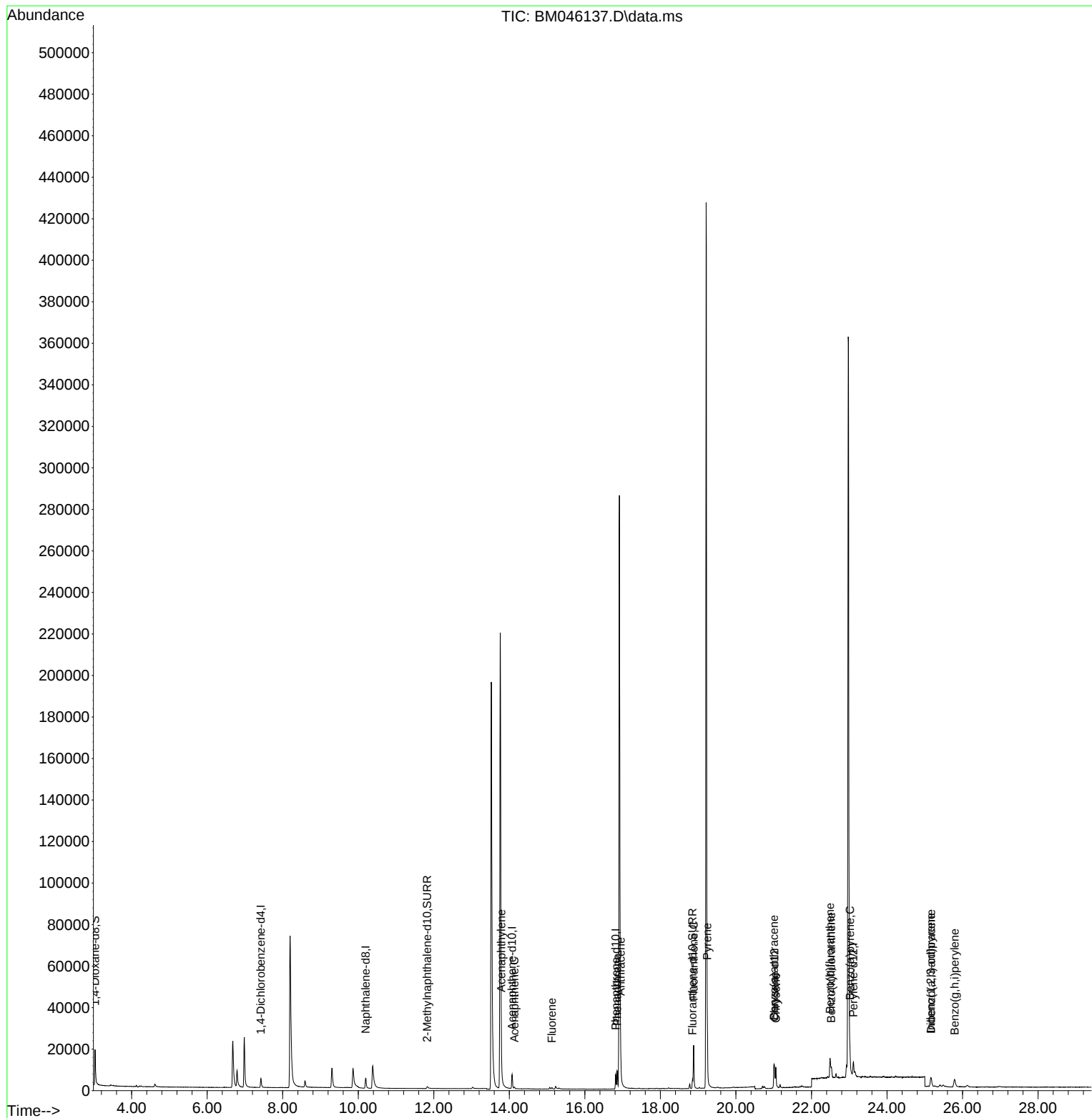
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

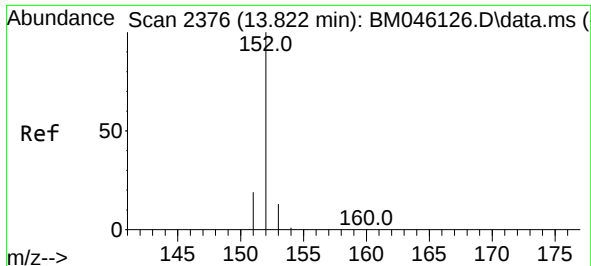
Instrument :
BNA_M
ClientSampleId :
A4B89

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

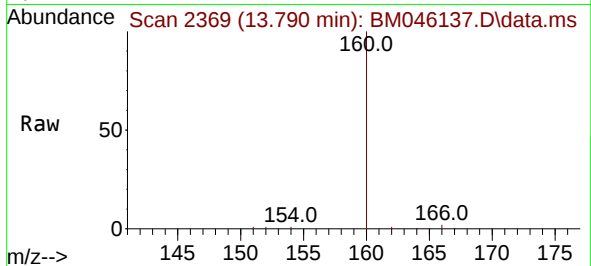
Quant Time: Jun 21 02:49:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.790 min Scan# 21
Delta R.T. -0.045 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

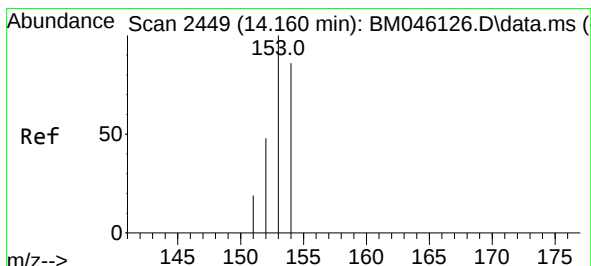
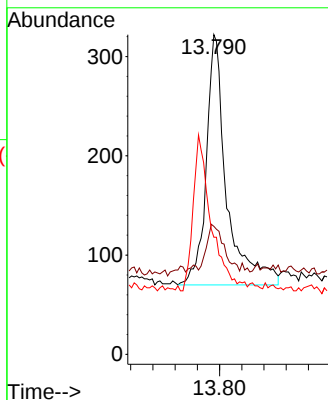
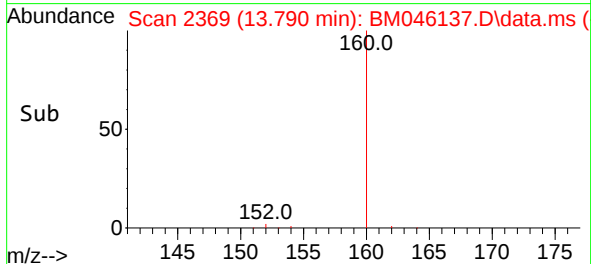
Instrument :
BNA_M
ClientSampleId :
A4B89



Tgt Ion:152 Resp: 64
Ion Ratio Lower Upper
152 100
151 40.1 17.4 26.2
153 36.6 11.8 17.8

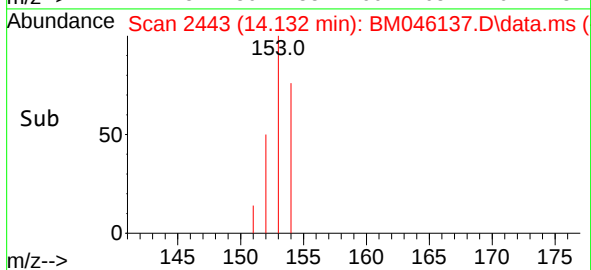
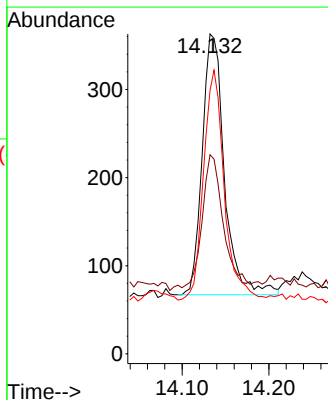
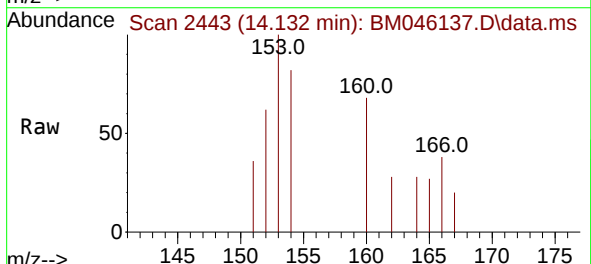
Manual Integrations
APPROVED

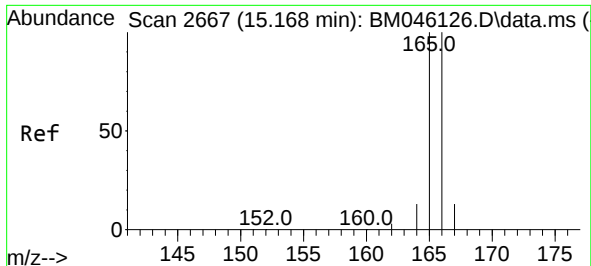
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.132 min Scan# 2443
Delta R.T. -0.040 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

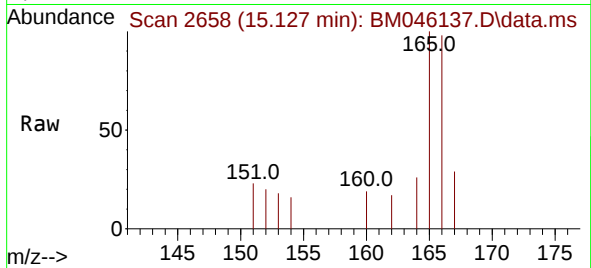
Tgt Ion:153 Resp: 527
Ion Ratio Lower Upper
153 100
152 62.3 41.3 61.9#
154 82.4 68.2 102.4





#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.127 min Scan# 20
Delta R.T. -0.054 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

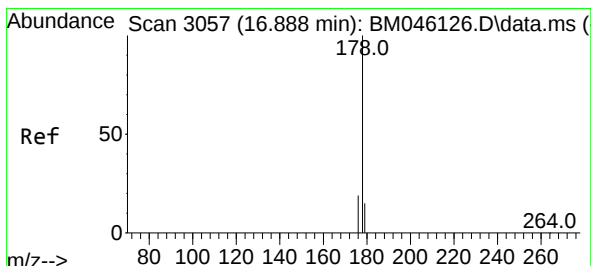
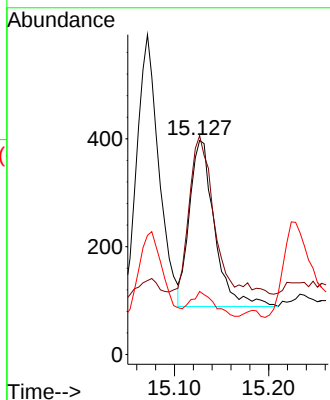
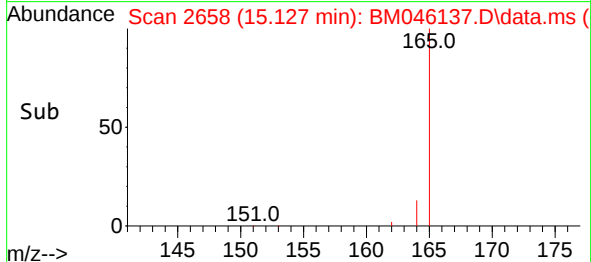
Instrument :
BNA_M
ClientSampleId :
A4B89



Tgt Ion:166 Resp: 570
Ion Ratio Lower Upper
166 100
165 102.3 80.4 120.6
167 29.5 12.4 18.6

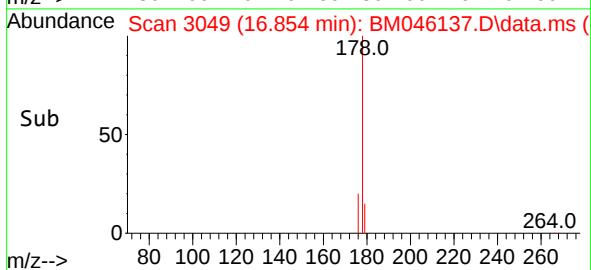
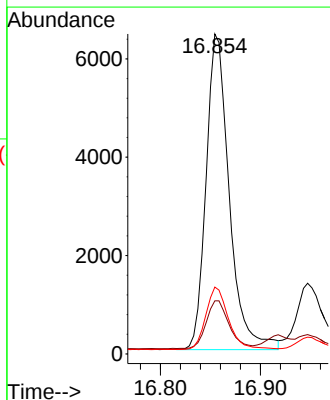
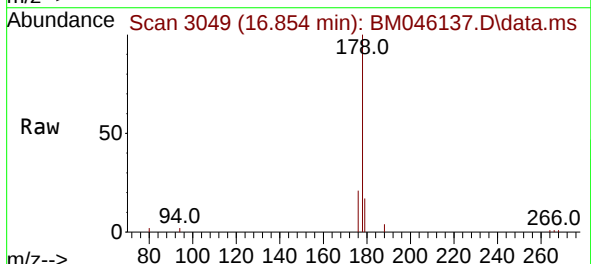
Manual Integrations
APPROVED

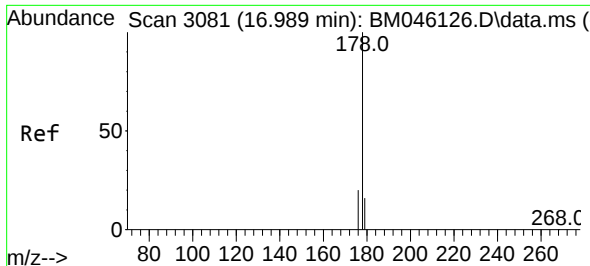
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#15
Phenanthrene
Concen: 0.423 ng/ul m
RT: 16.854 min Scan# 3049
Delta R.T. -0.049 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

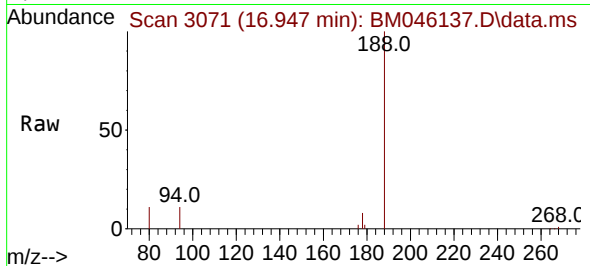
Tgt Ion:178 Resp: 10360
Ion Ratio Lower Upper
178 100
179 16.6 14.2 21.2
176 20.9 17.1 25.7





#16
 Anthracene
 Concen: 0.131 ng/ul m
 RT: 16.947 min Scan# 3081
 Delta R.T. -0.058 min
 Lab File: BM046137.D
 Acq: 20 Jun 2024 23:40

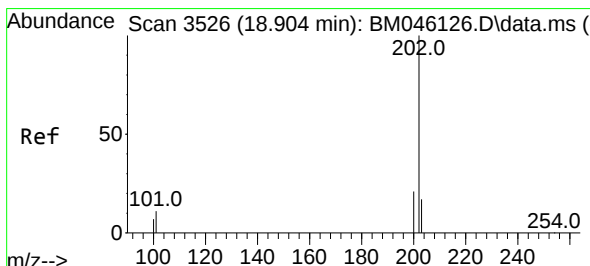
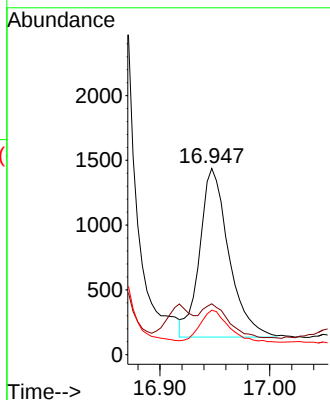
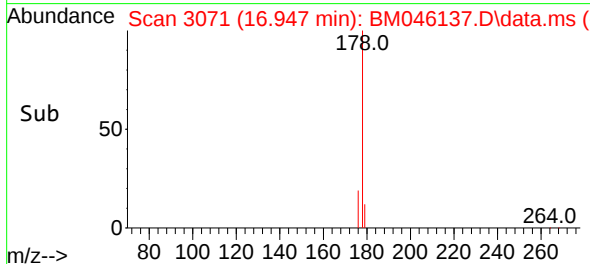
Instrument :
 BNA_M
 ClientSampleId :
 A4B89



Tgt Ion:178 Resp: 239
 Ion Ratio Lower Upper
 178 100
 179 27.3 14.9 22.3
 176 23.9 17.0 25.4

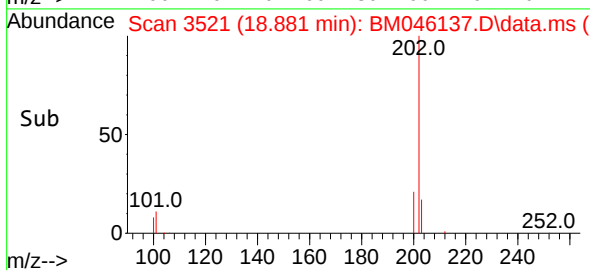
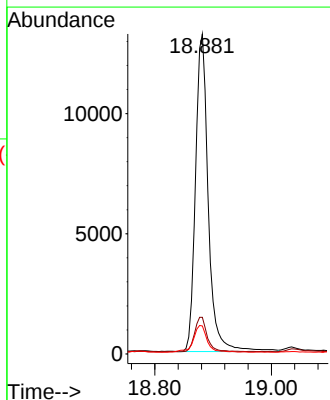
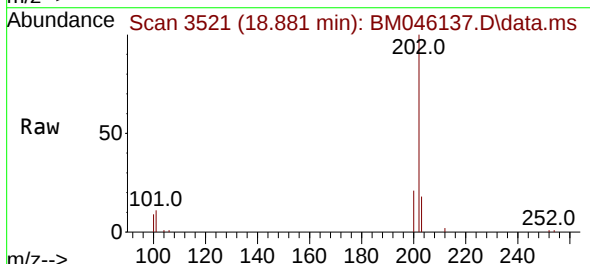
Manual Integrations
 APPROVED

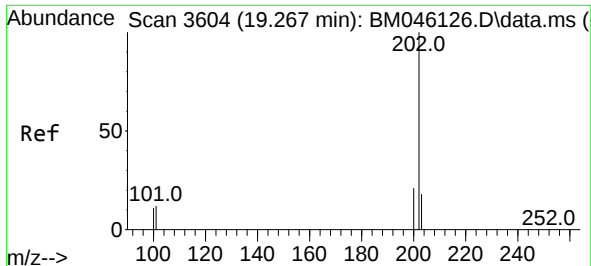
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 0.669 ng/ul
 RT: 18.881 min Scan# 3521
 Delta R.T. -0.036 min
 Lab File: BM046137.D
 Acq: 20 Jun 2024 23:40

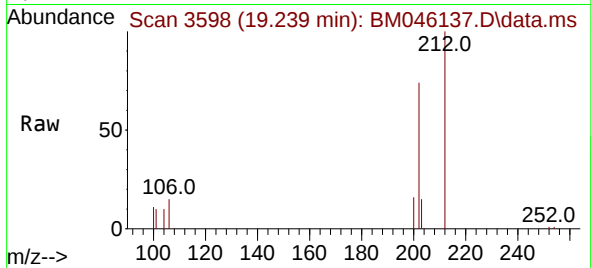
Tgt Ion:202 Resp: 20120
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.6 14.4
 100 8.8 7.6 11.4





#20
Pyrene
Concen: 0.579 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

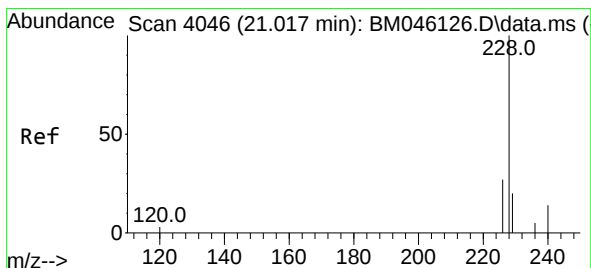
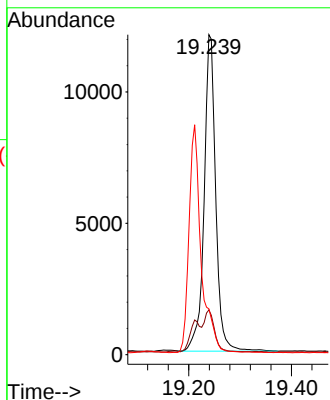
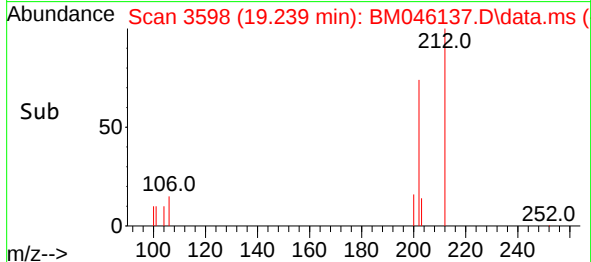
Instrument :
BNA_M
ClientSampleId :
A4B89



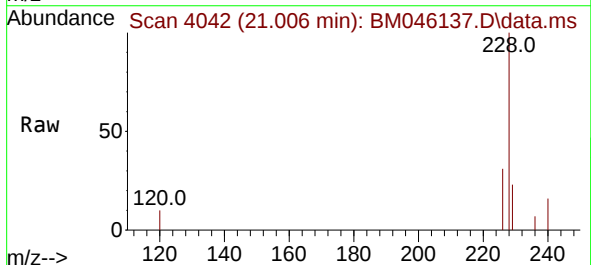
Tgt Ion:202 Resp: 1882
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 14.3 9.8 14.6

Manual Integrations
APPROVED

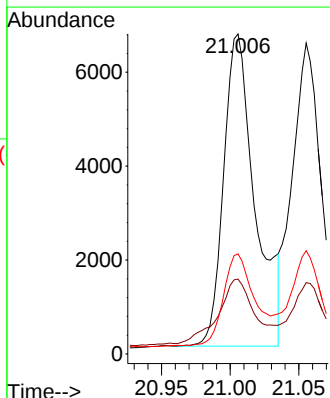
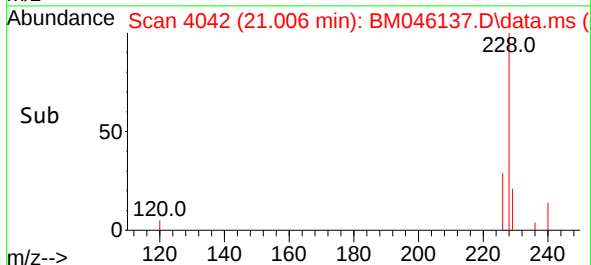
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

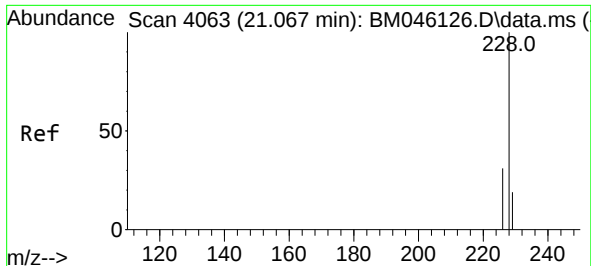


#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.006 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40



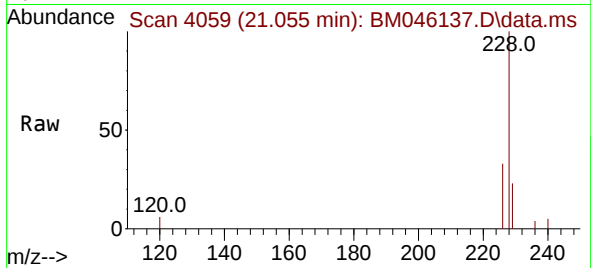
Tgt Ion:228 Resp: 10580
Ion Ratio Lower Upper
228 100
229 23.4 16.4 24.6
226 31.3 23.4 35.2





#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

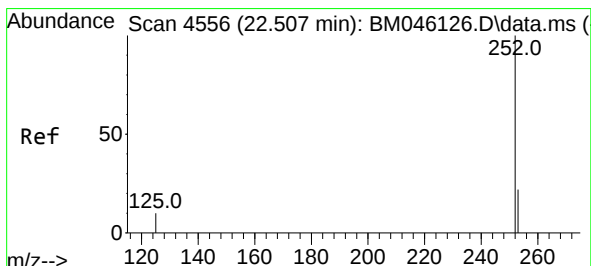
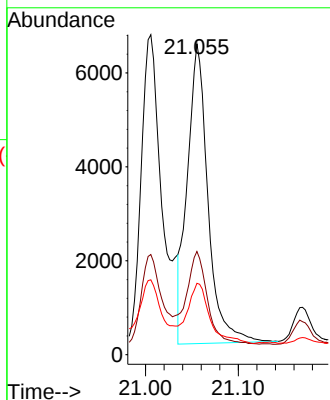
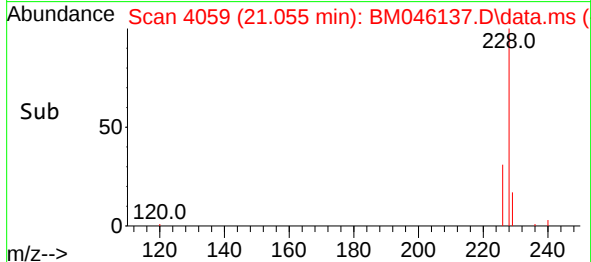
Instrument :
BNA_M
ClientSampleId :
A4B89



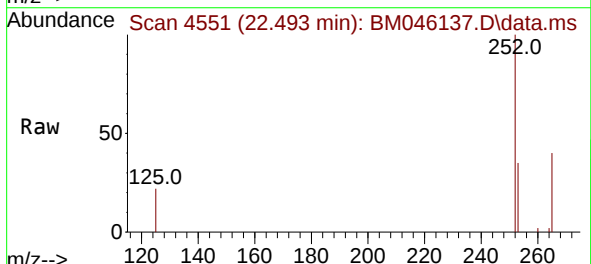
Tgt Ion:228 Resp: 986
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 22.9 16.3 24.5

Manual Integrations
APPROVED

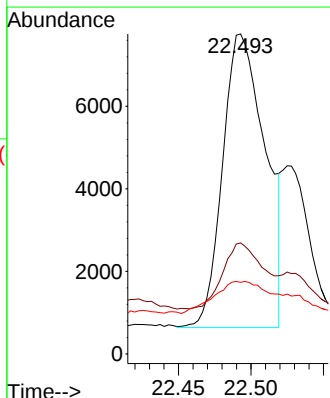
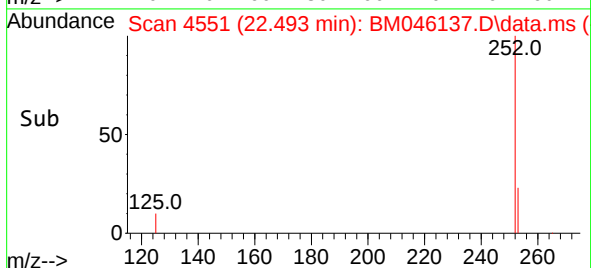
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

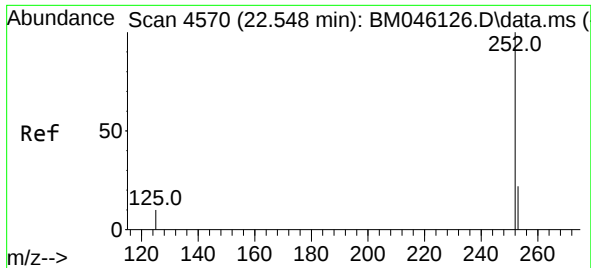


#24
Benzo(b)fluoranthene
Concen: 0.525 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40



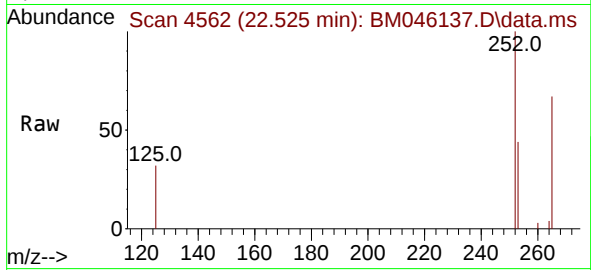
Tgt Ion:252 Resp: 14570
Ion Ratio Lower Upper
252 100
253 34.7 0.0 65.8
125 22.4 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

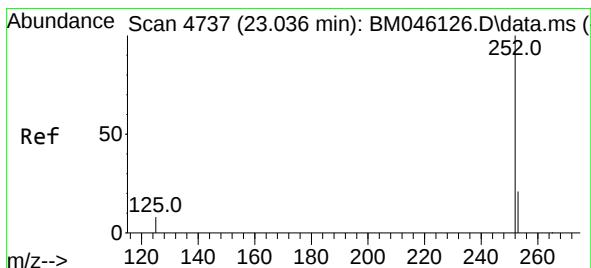
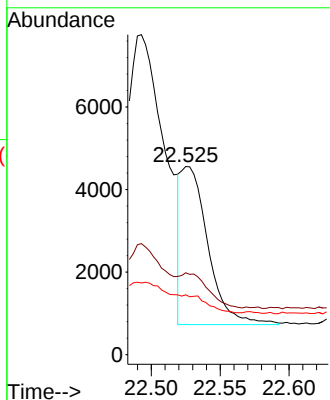
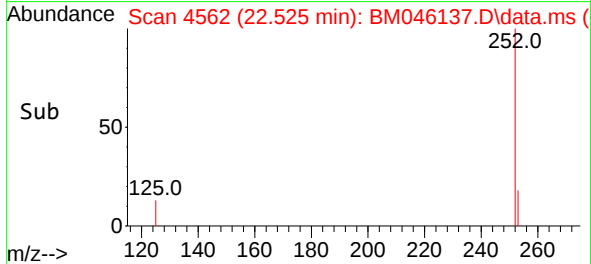
Instrument :
BNA_M
ClientSampleId :
A4B89



Tgt Ion:252 Resp: 525
Ion Ratio Lower Upper
252 100
253 43.5 27.2 40.8
125 31.8 16.6 25.0

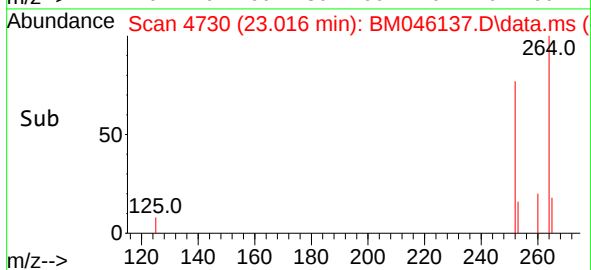
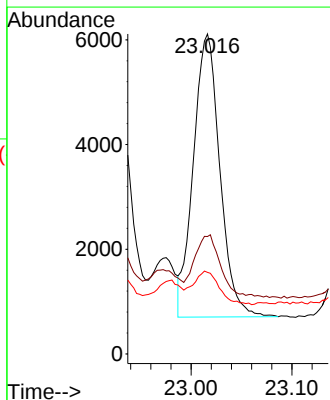
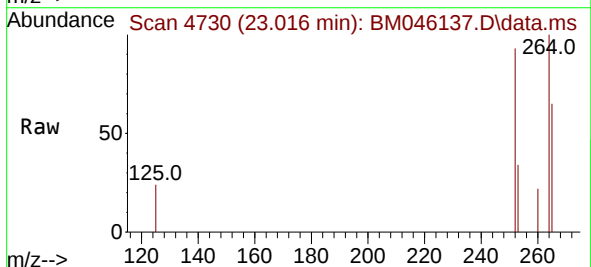
Manual Integrations
APPROVED

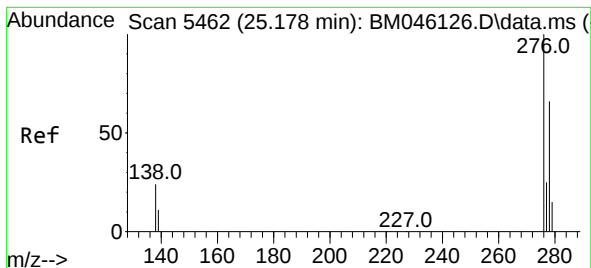
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.016 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Tgt Ion:252 Resp: 9878
Ion Ratio Lower Upper
252 100
253 36.7 32.1 48.1
125 25.5 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.186 ng/ul

RT: 25.162 min Scan# 5457

Delta R.T. -0.041 min

Lab File: BM046137.D

Acq: 20 Jun 2024 23:40

Instrument :

BNA_M

ClientSampleId :

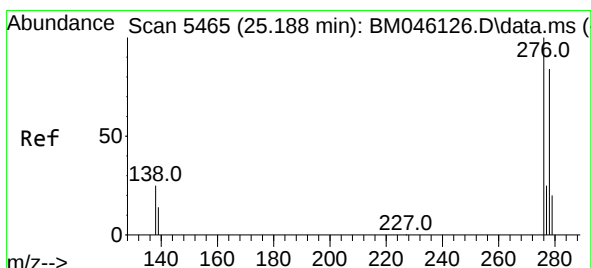
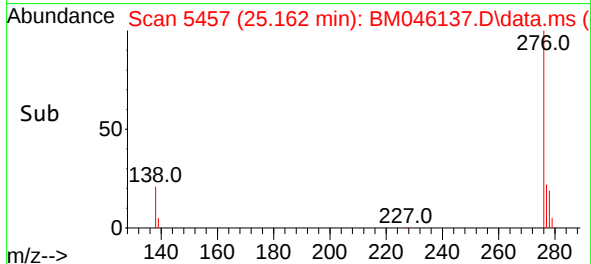
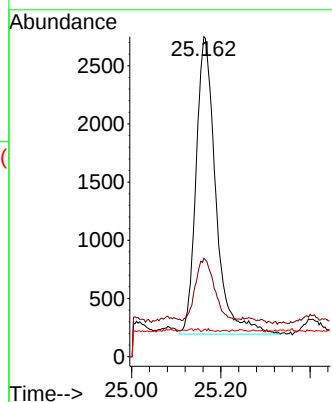
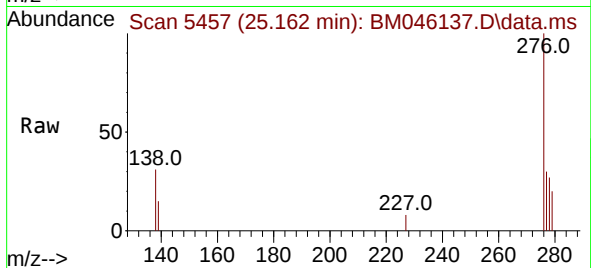
A4B89

Tgt Ion:	276	Resp:	7830
Ion Ratio	Lower	Upper	
276	100		
138	20.3	21.0	31.4#
227	0.1	0.0	0.0#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

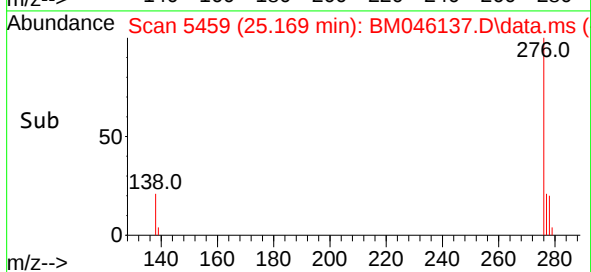
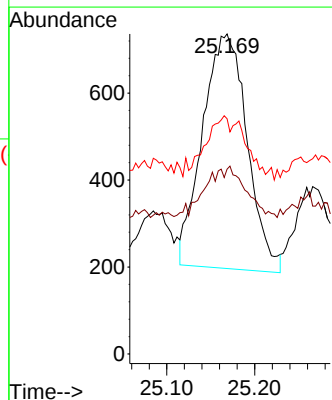
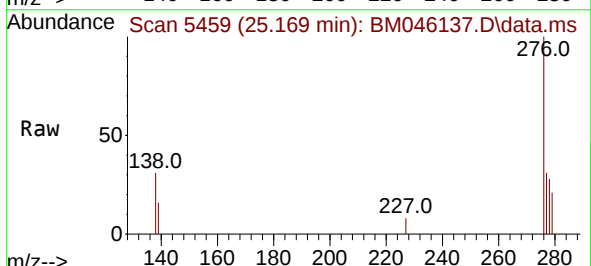
RT: 25.169 min Scan# 5459

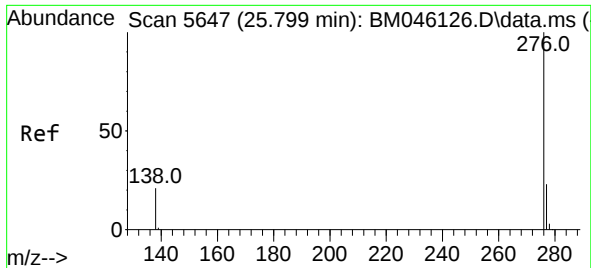
Delta R.T. -0.047 min

Lab File: BM046137.D

Acq: 20 Jun 2024 23:40

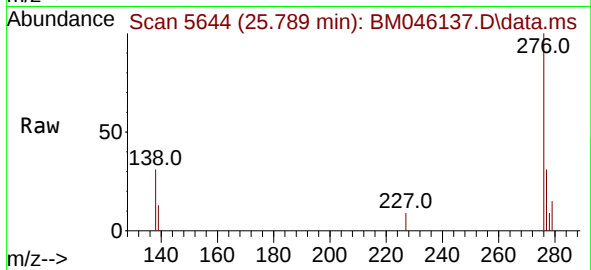
Tgt Ion:	278	Resp:	1899
Ion Ratio	Lower	Upper	
278	100		
139	57.7	17.6	26.4#
279	73.5	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.227 ng/ul
RT: 25.789 min Scan# 50
Delta R.T. -0.041 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Instrument :
BNA_M
ClientSampleId :
A4B89



Tgt Ion:276 Resp: 8189
Ion Ratio Lower Upper
276 100
138 30.8 21.7 32.5
277 30.6 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

