

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046136.D
 Acq On : 20 Jun 2024 23:04
 Operator : MA/JU
 Sample : P2710-24
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B88

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 02:49:39 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	7.421	152	3090	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	8952	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.070	164	4897	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.815	188	10139m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240	8056m	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	9330m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11958	2.821	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.821	152	2457	0.204	ng/ul	-0.04
18) Fluoranthene-d10	18.847	212	5434	0.225	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.242	128	2165	0.087	ng/ul#	94
7) 2-Methylnaphthalene	11.898	142	804	0.057	ng/ul	94
8) 1-Methylnaphthalene	12.112	142	732	0.047	ng/ul	98
10) Acenaphthylene	13.788	152	4377	0.188	ng/ul	98
11) Acenaphthene	14.135	153	2831	0.169	ng/ul	96
12) Fluorene	15.125	166	4587	0.255	ng/ul	99
15) Phenanthrene	16.853	178	98134m	3.445	ng/ul	
16) Anthracene	16.946	178	18186m	0.857	ng/ul	
19) Fluoranthene	18.875	202	171521	4.917	ng/ul	98
20) Pyrene	19.238	202	139230	3.691	ng/ul	96
21) Benzo(a)anthracene	20.997	228	72596m	2.333	ng/ul	
22) Chrysene	21.050	228	75070	1.890	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	99290m	2.954	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	35399m	0.886	ng/ul	
26) Benzo(a)pyrene	23.016	252	67171m	2.157	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.152	276	50672	0.994	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.159	278	11562	0.305	ng/ul	94
29) Benzo(g,h,i)perylene	25.779	276	48829	1.117	ng/ul	96

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

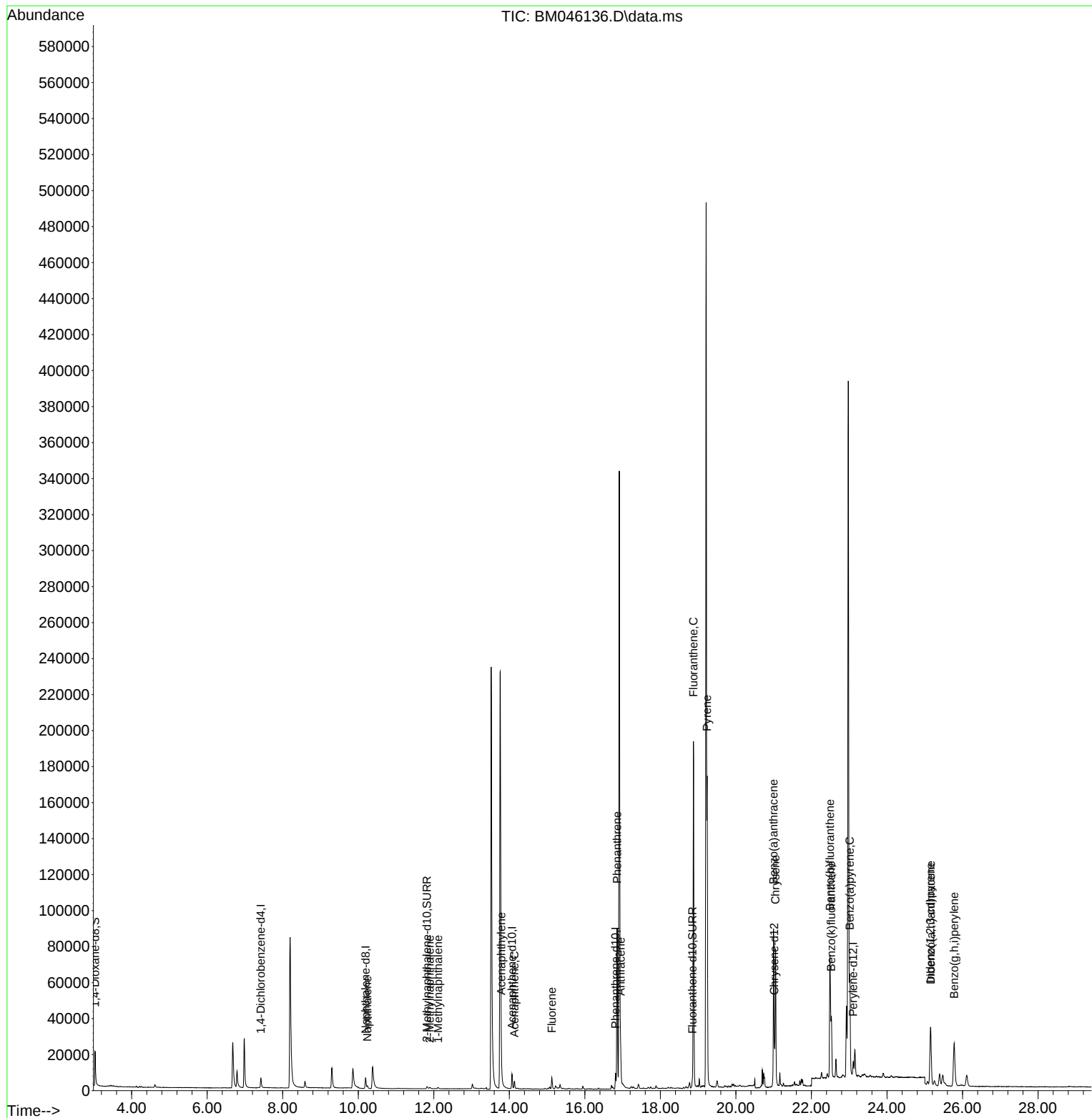
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046136.D
Acq On : 20 Jun 2024 23:04
Operator : MA/JU
Sample : P2710-24
Misc :
ALS Vial : 24 Sample Multiplier: 1

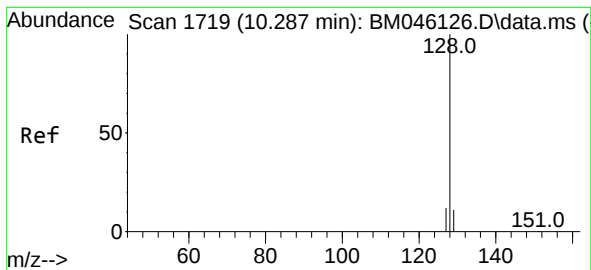
Instrument :
BNA_M
ClientSampleId :
A4B88

Manual Integrations
APPROVED

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

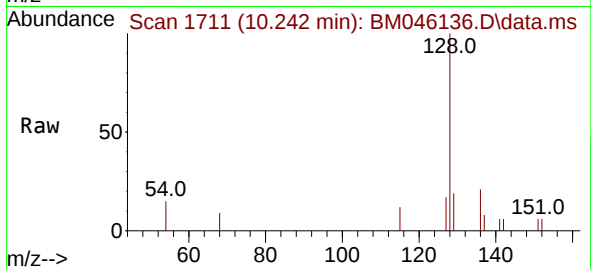
Quant Time: Jun 21 02:49:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.242 min Scan# 1711
Delta R.T. -0.061 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

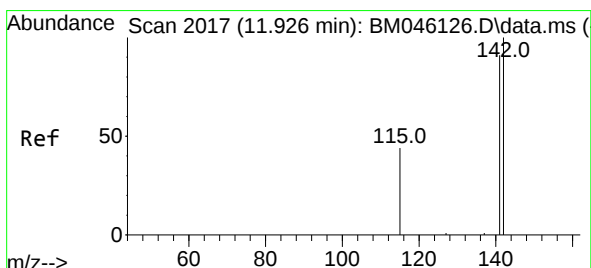
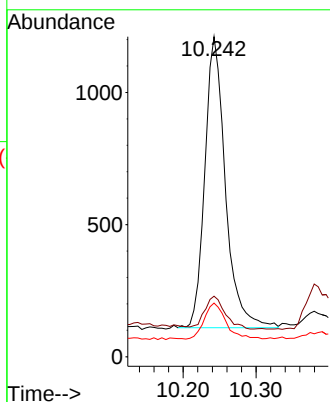
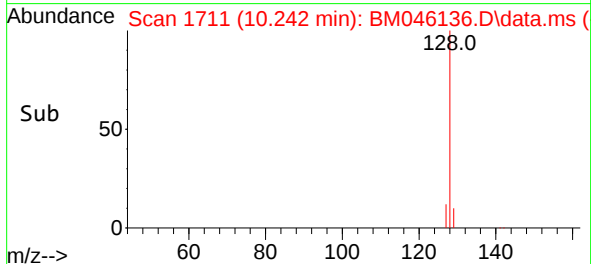
Instrument :
BNA_M
ClientSampleId :
A4B88



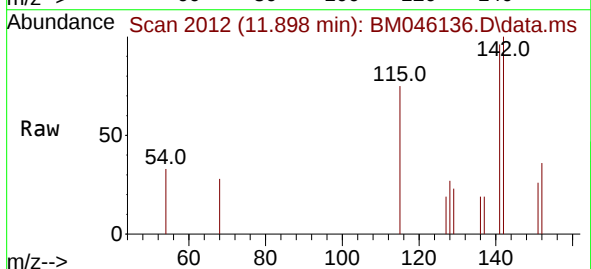
Tgt Ion:128 Resp: 216
Ion Ratio Lower Upper
128 100
129 18.9 11.8 17.6
127 16.8 12.8 19.2

Manual Integrations
APPROVED

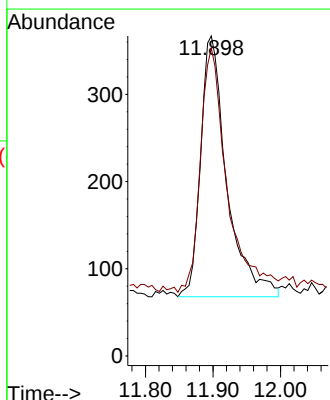
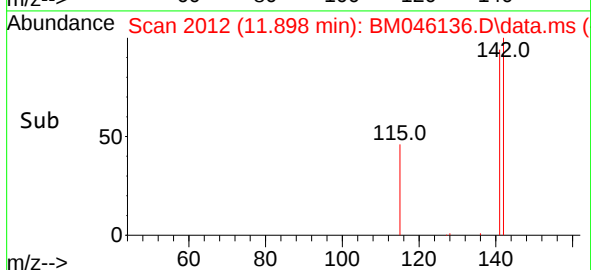
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

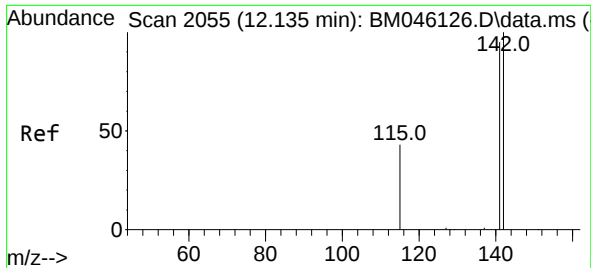


#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04



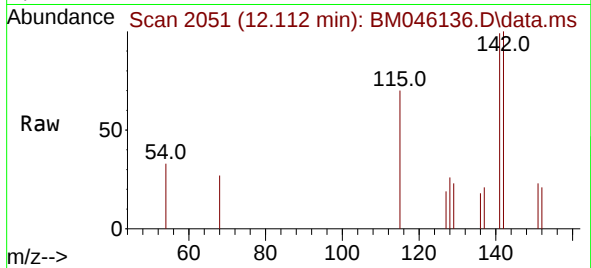
Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
141 99.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.039 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

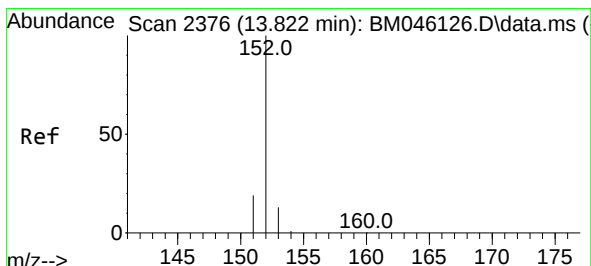
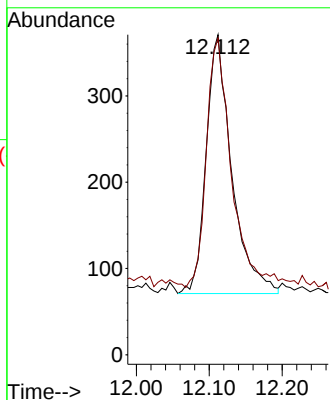
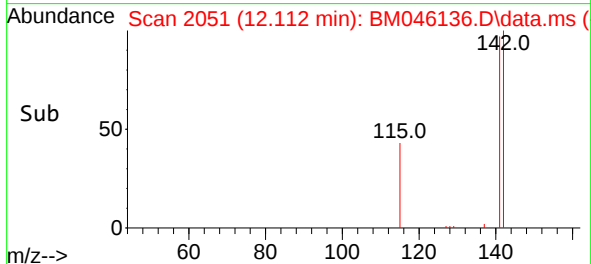
Instrument :
BNA_M
ClientSampleId :
A4B88



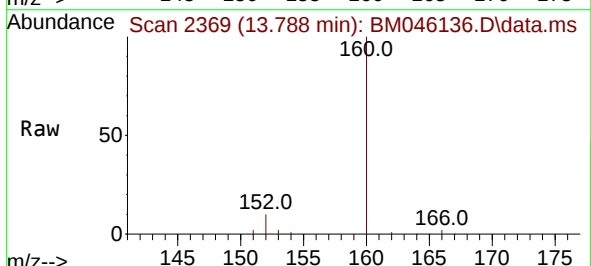
Tgt Ion:142 Resp: 732
Ion Ratio Lower Upper
142 100
141 95.6 75.2 112.8

Manual Integrations
APPROVED

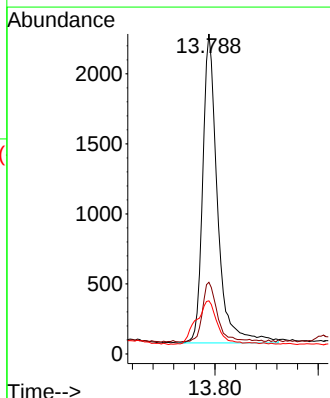
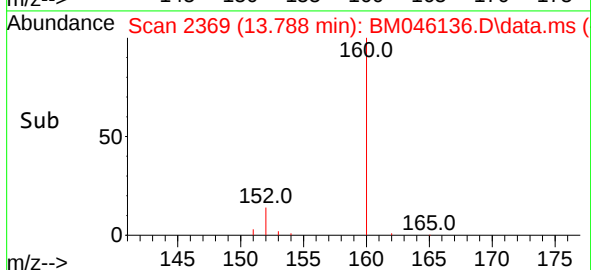
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

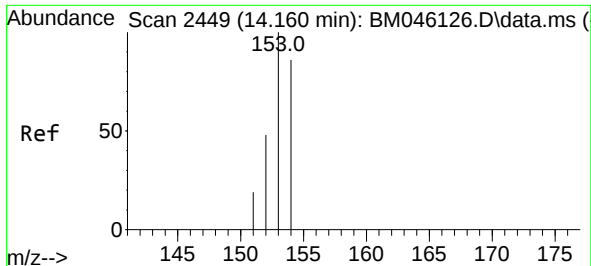


#10
Acenaphthylene
Concen: 0.188 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04



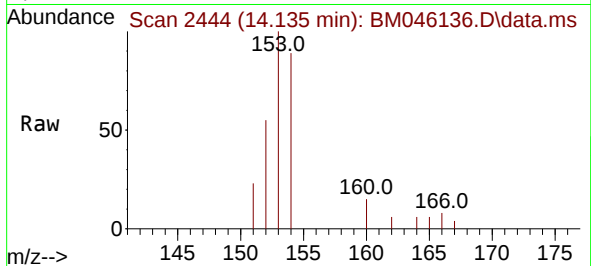
Tgt Ion:152 Resp: 4377
Ion Ratio Lower Upper
152 100
151 22.4 17.4 26.2
153 16.6 11.8 17.8





#11
Acenaphthene
Concen: 0.169 ng/u1
RT: 14.135 min Scan# 2449
Delta R.T. -0.037 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

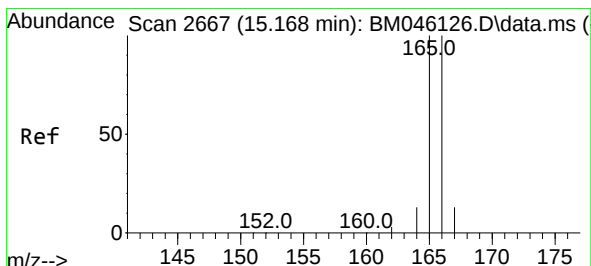
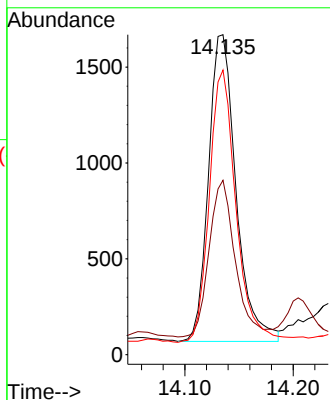
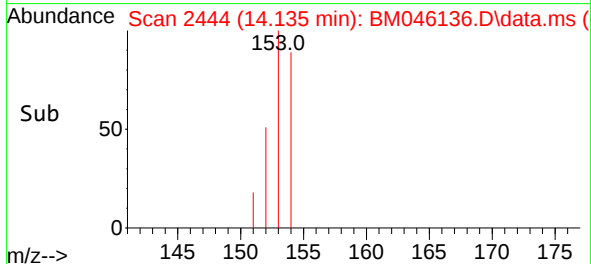
Instrument :
BNA_M
ClientSampleId :
A4B88



Tgt Ion:153 Resp: 283
Ion Ratio Lower Upper
153 100
152 54.5 41.3 61.9
154 89.0 68.2 102.4

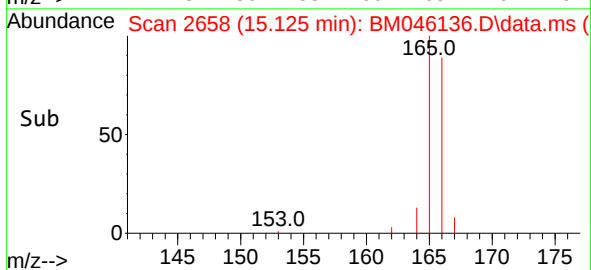
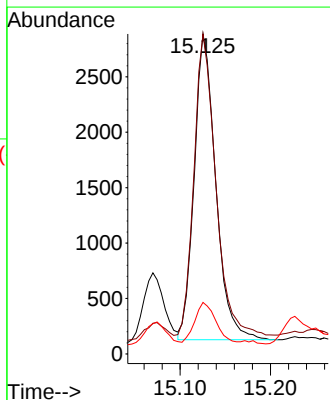
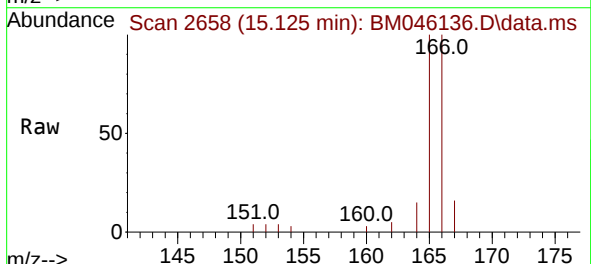
Manual Integrations
APPROVED

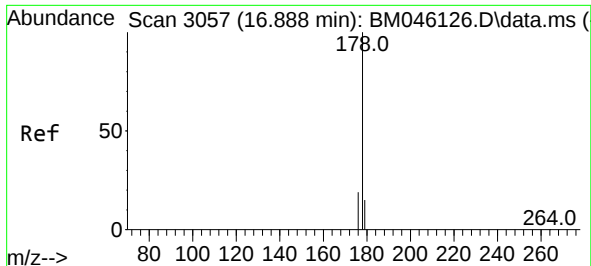
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.255 ng/u1
RT: 15.125 min Scan# 2658
Delta R.T. -0.056 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

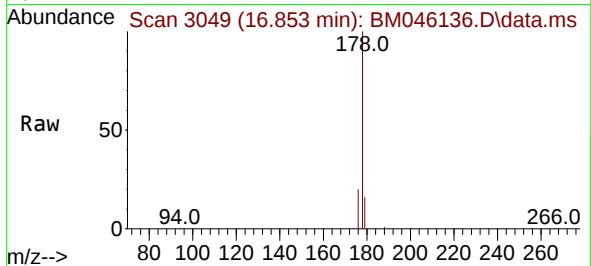
Tgt Ion:166 Resp: 4587
Ion Ratio Lower Upper
166 100
165 100.0 80.4 120.6
167 16.1 12.4 18.6





#15
Phenanthrene
Concen: 3.445 ng/ul m
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

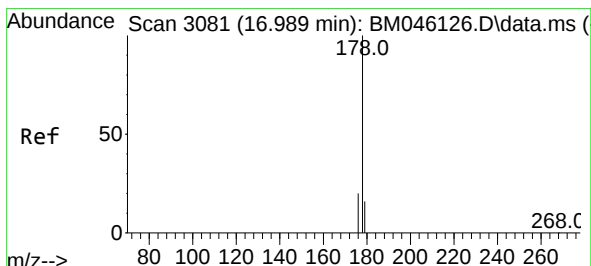
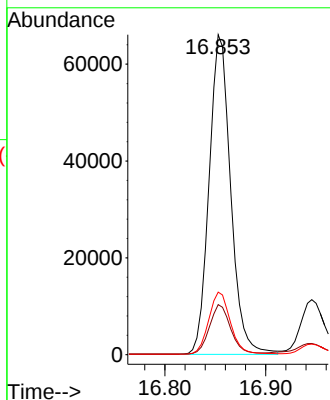
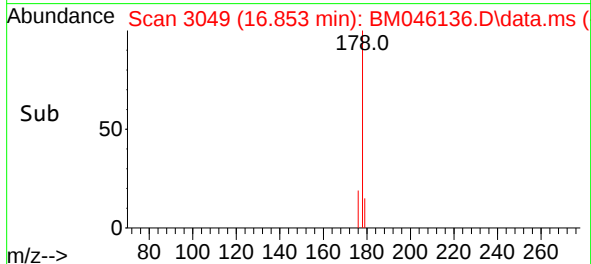
Instrument :
BNA_M
ClientSampleId :
A4B88



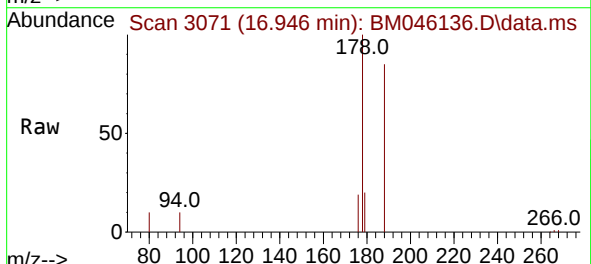
Tgt Ion:178 Resp: 98134
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.5 17.1 25.7

Manual Integrations
APPROVED

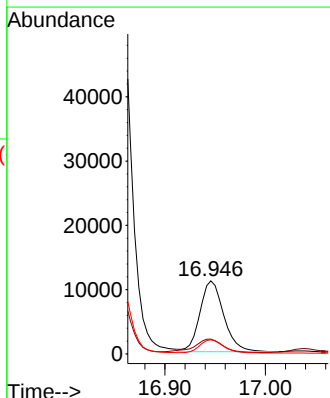
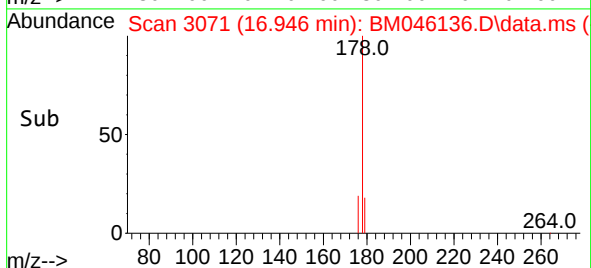
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

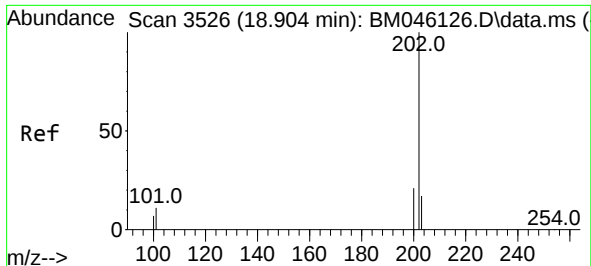


#16
Anthracene
Concen: 0.857 ng/ul m
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04



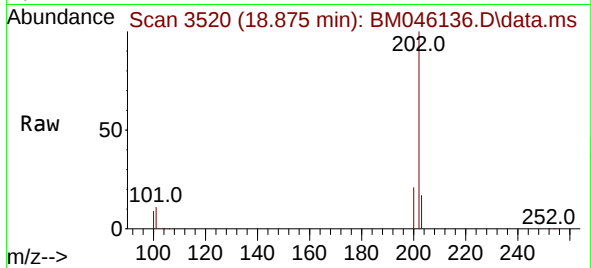
Tgt Ion:178 Resp: 18186
Ion Ratio Lower Upper
178 100
179 20.4 14.9 22.3
176 19.2 17.0 25.4





#19
Fluoranthene
Concen: 4.917 ng/u1
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

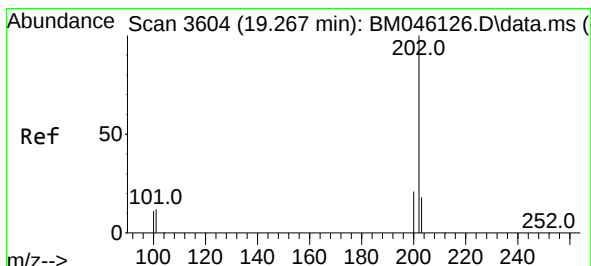
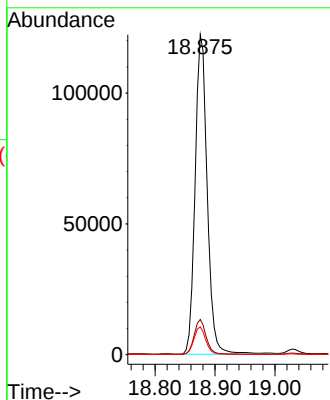
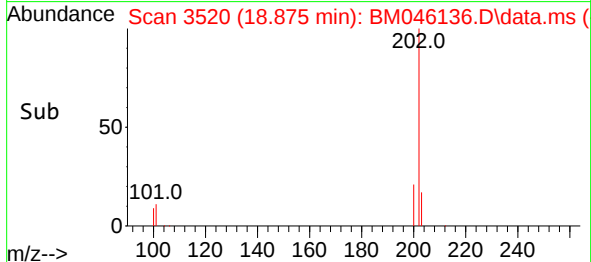
Instrument :
BNA_M
ClientSampleId :
A4B88



Tgt Ion:202 Resp: 17152
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.7 7.6 11.4

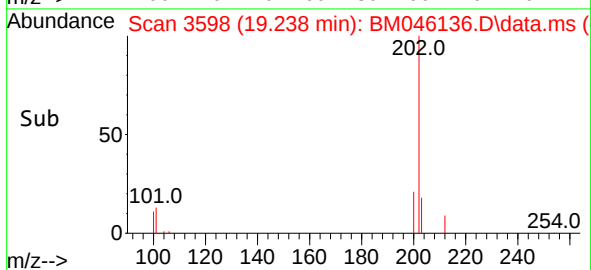
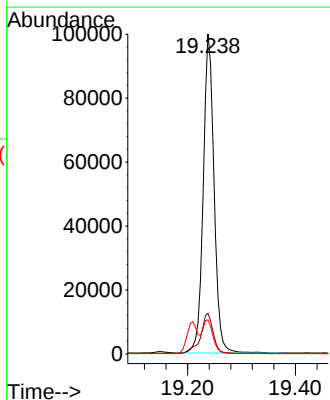
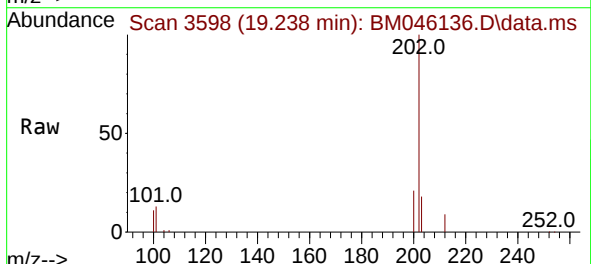
Manual Integrations
APPROVED

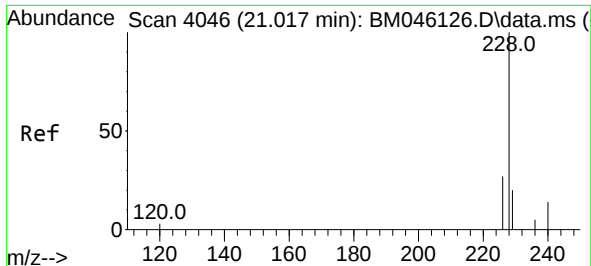
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 3.691 ng/u1
RT: 19.238 min Scan# 3598
Delta R.T. -0.037 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

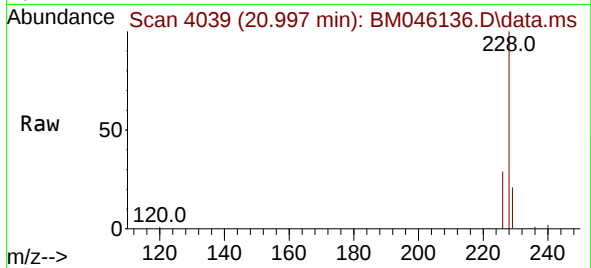
Tgt Ion:202 Resp: 139230
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.333 ng/ul m
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

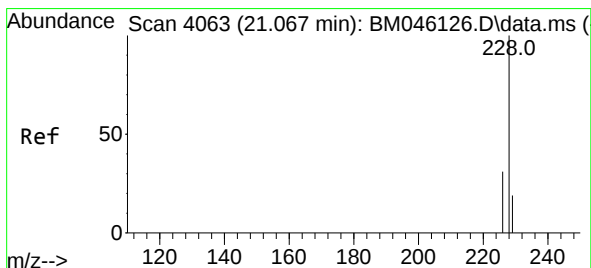
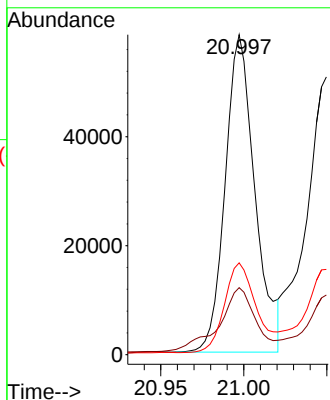
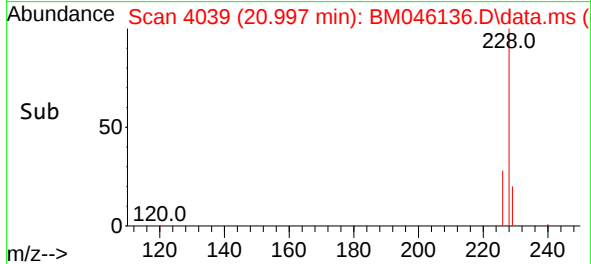
Instrument :
BNA_M
ClientSampleId :
A4B88



Tgt Ion:228 Resp: 72590
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 28.7 23.4 35.2

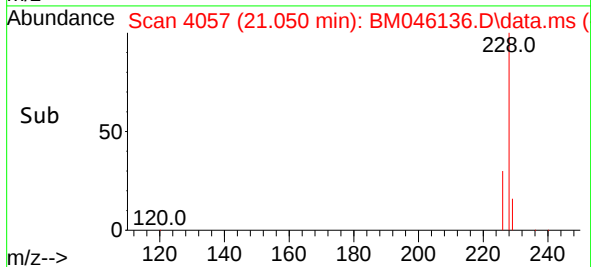
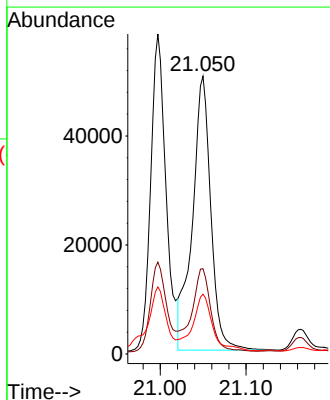
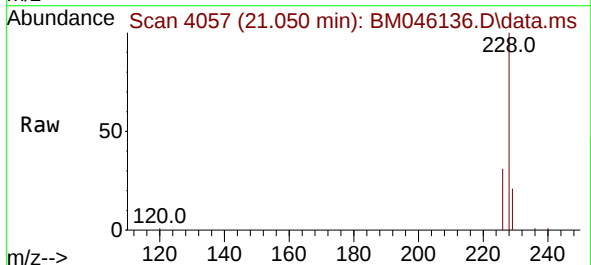
Manual Integrations
APPROVED

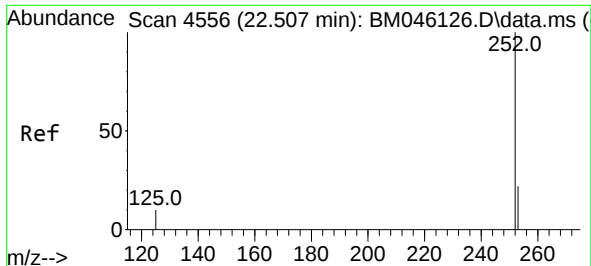
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 1.890 ng/ul
RT: 21.050 min Scan# 4057
Delta R.T. -0.026 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

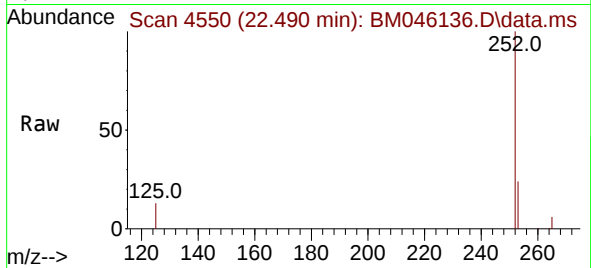
Tgt Ion:228 Resp: 75070
Ion Ratio Lower Upper
228 100
226 30.7 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.954 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

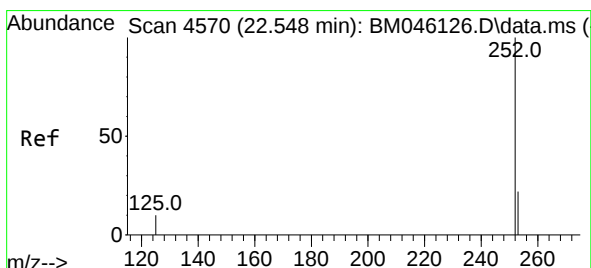
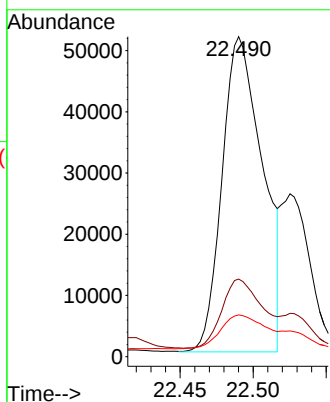
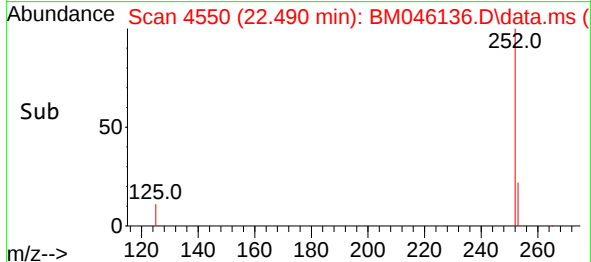
Instrument :
BNA_M
ClientSampleId :
A4B88



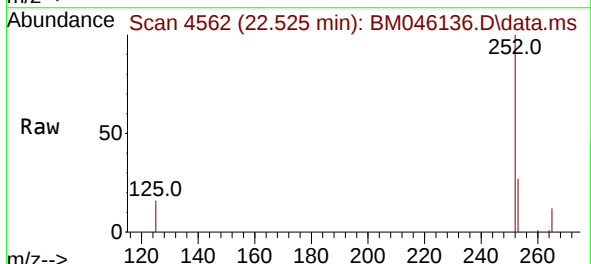
Tgt Ion:252 Resp: 99290
Ion Ratio Lower Upper
252 100
253 24.3 0.0 65.8
125 13.0 0.0 40.2

Manual Integrations
APPROVED

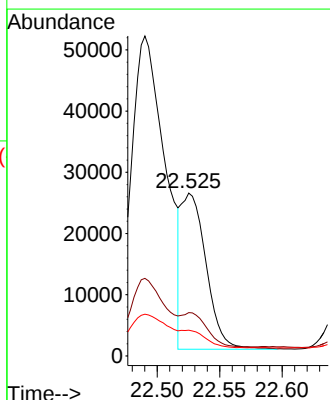
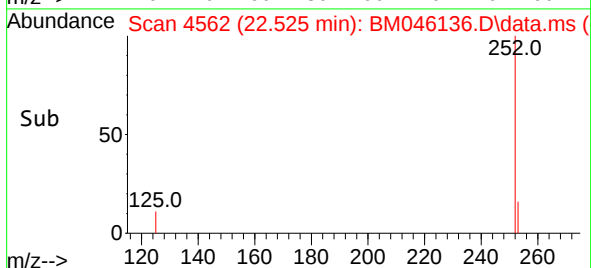
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

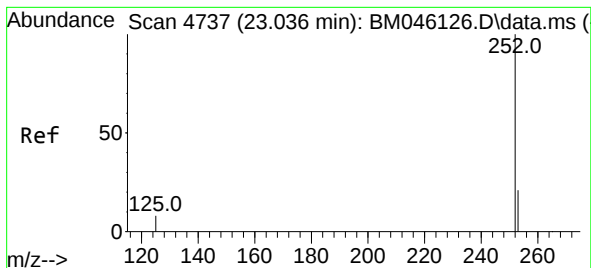


#25
Benzo(k)fluoranthene
Concen: 0.886 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04



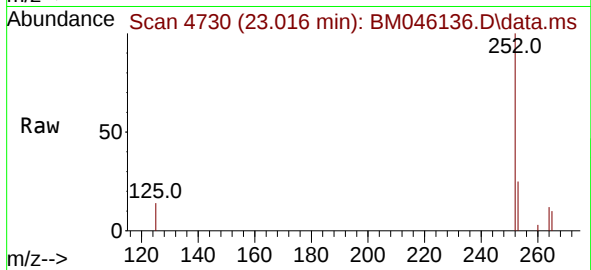
Tgt Ion:252 Resp: 35399
Ion Ratio Lower Upper
252 100
253 26.6 27.2 40.8#
125 15.8 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.157 ng/ul m
RT: 23.016 min Scan# 4
Delta R.T. -0.038 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

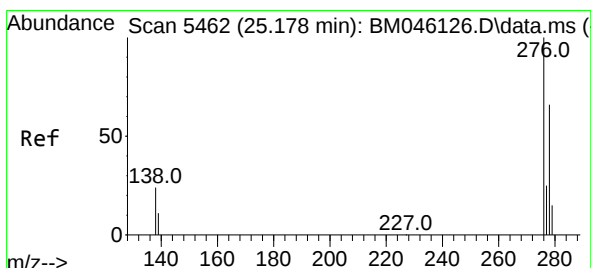
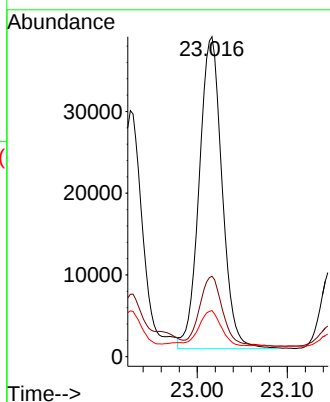
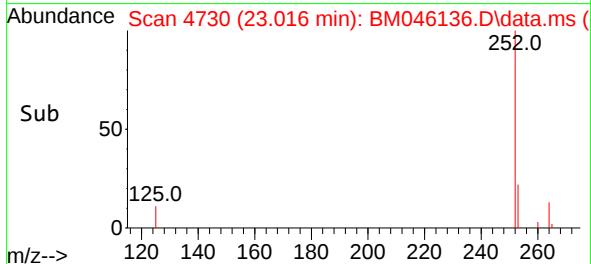
Instrument :
BNA_M
ClientSampleId :
A4B88



Tgt Ion:252 Resp: 6717
Ion Ratio Lower Upper
252 100
253 25.2 32.1 48.1
125 14.4 21.2 31.8

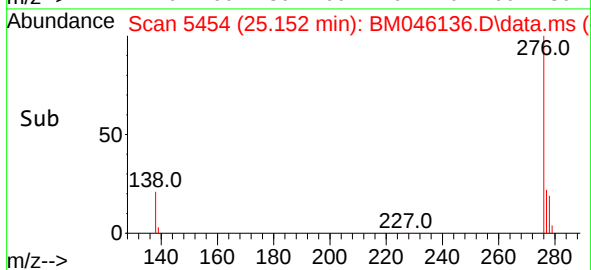
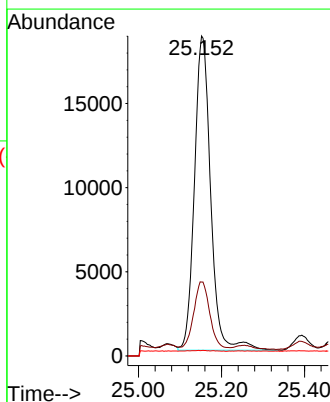
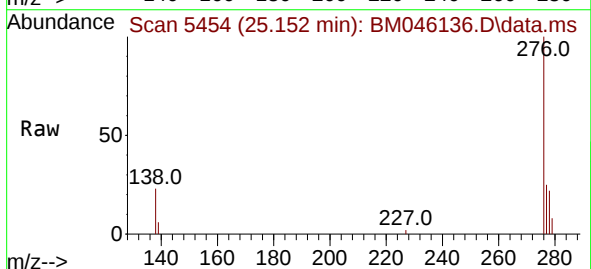
Manual Integrations
APPROVED

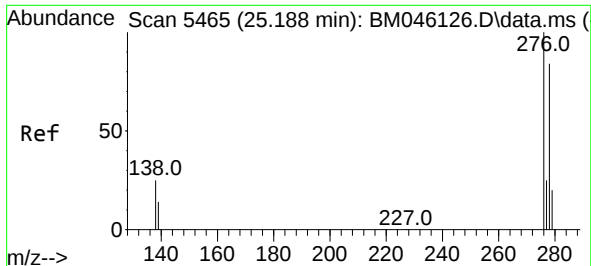
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.994 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.050 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

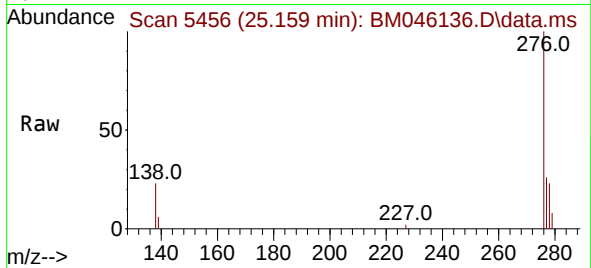
Tgt Ion:276 Resp: 50672
Ion Ratio Lower Upper
276 100
138 20.5 21.0 31.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 25.159 min Scan# 5465
Delta R.T. -0.057 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

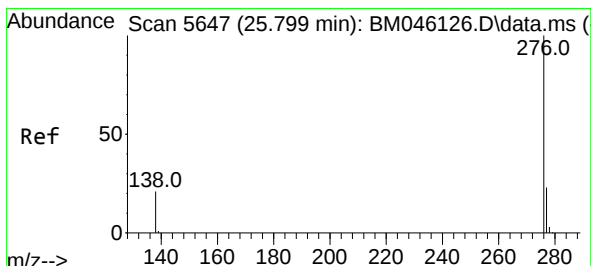
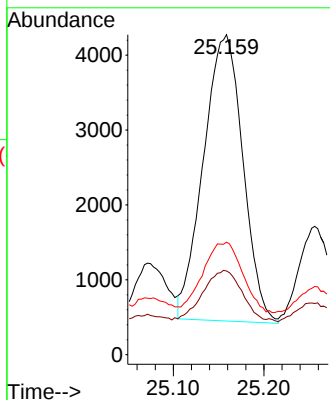
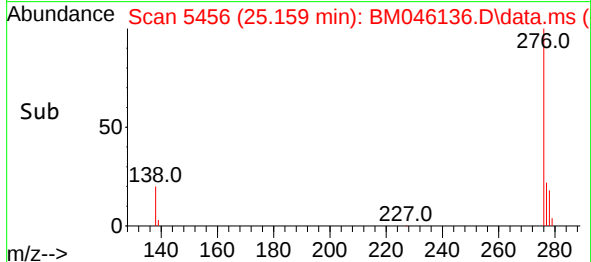
Instrument :
BNA_M
ClientSampleId :
A4B88



Tgt Ion:278 Resp: 11562
Ion Ratio Lower Upper
278 100
139 26.1 17.6 26.4
279 35.1 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.117 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.050 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

Tgt Ion:276 Resp: 48829
Ion Ratio Lower Upper
276 100
138 23.4 21.7 32.5
277 25.0 20.4 30.6

