

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045947.D
 Acq On : 10 Jun 2024 12:55
 Operator : MA/JU
 Sample : P2642-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 13:34:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4789	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	15012	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.107	164	7770	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.849	188	15947	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	12708	0.400	ng/ul	#-0.01
23) Perylene-d12	23.148	264	13735m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	14916	2.735	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.842	152	3140	0.145	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	6437	0.169	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.281	128	7295	0.186	ng/ul	97
7) 2-Methylnaphthalene	11.919	142	2239	0.090	ng/ul	98
8) 1-Methylnaphthalene	12.139	142	2051	0.075	ng/ul	98
10) Acenaphthylene	13.821	152	3945	0.112	ng/ul#	94
11) Acenaphthene	14.168	153	11591	0.446	ng/ul	99
12) Fluorene	15.158	166	12790	0.441	ng/ul	99
15) Phenanthrene	16.887	178	215457	4.812	ng/ul	99
16) Anthracene	16.979	178	35412	0.927	ng/ul	96
19) Fluoranthene	18.908	202	265384	5.237	ng/ul	98
20) Pyrene	19.270	202	226714	4.289	ng/ul	97
21) Benzo(a)anthracene	21.023	228	96312	2.065	ng/ul	98
22) Chrysene	21.076	228	96743	1.905	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	117900m	2.588	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	40568m	0.810	ng/ul	
26) Benzo(a)pyrene	23.054	252	85649	1.891	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.209	276	59898	1.022	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.209	278	12479	0.266	ng/ul#	90
29) Benzo(g,h,i)perylene	25.836	276	58281	1.154	ng/ul	97

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

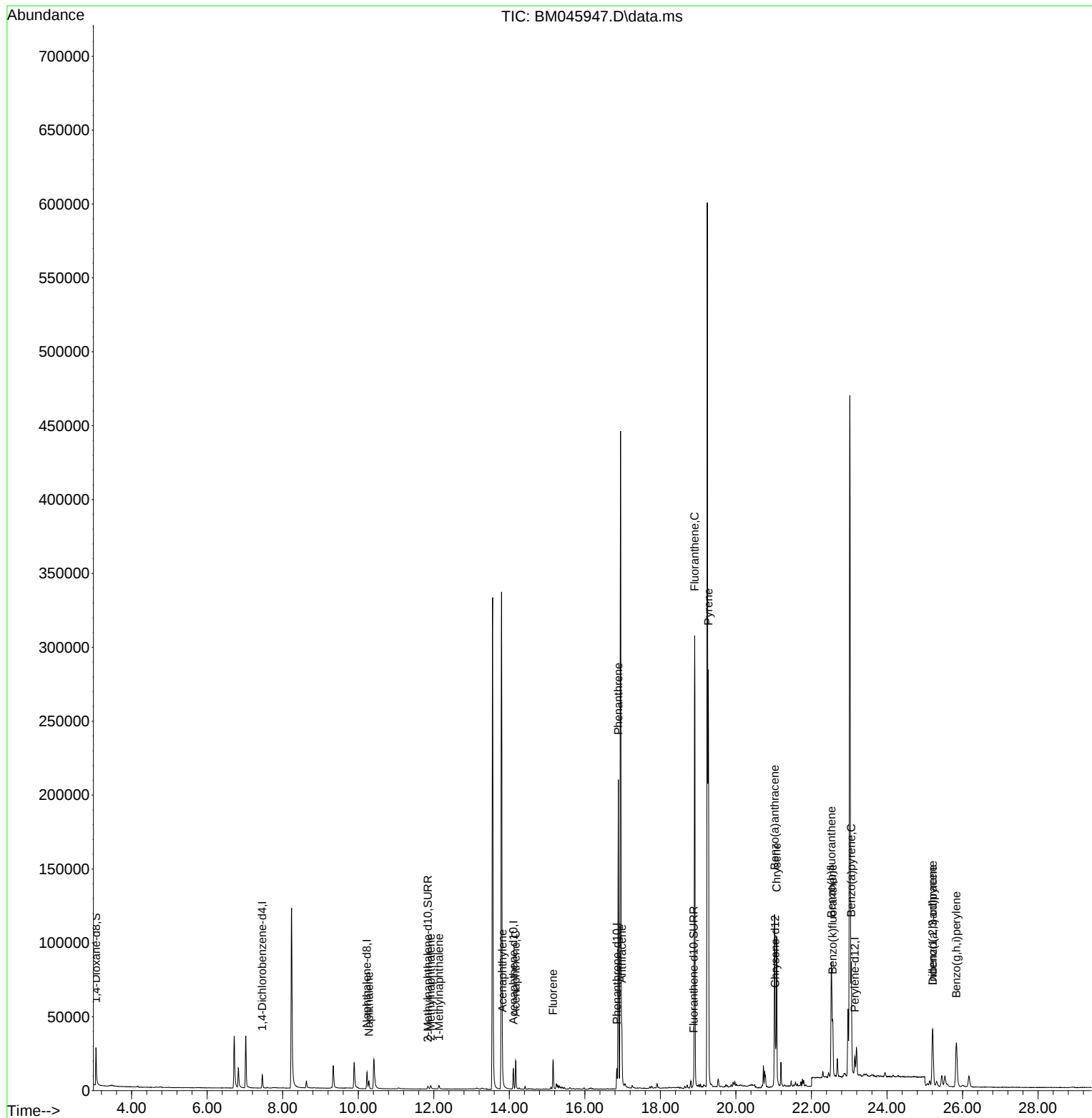
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045947.D
Acq On : 10 Jun 2024 12:55
Operator : MA/JU
Sample : P2642-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

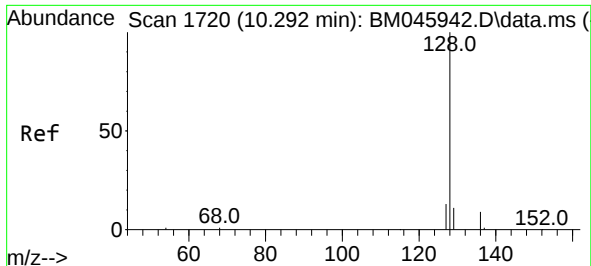
Instrument :
BNA_M
ClientSampleId :
A4BH1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

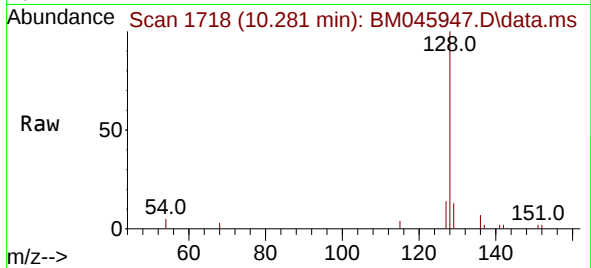
Quant Time: Jun 10 13:34:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.186 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

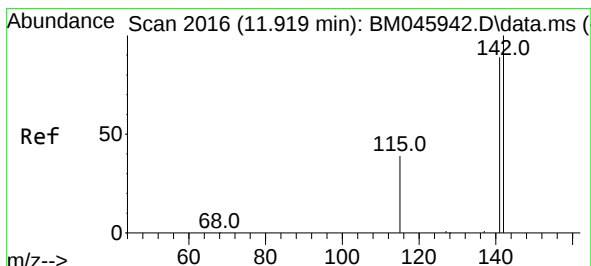
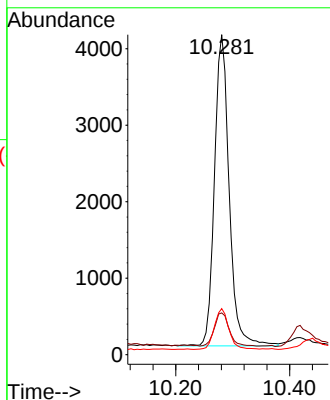
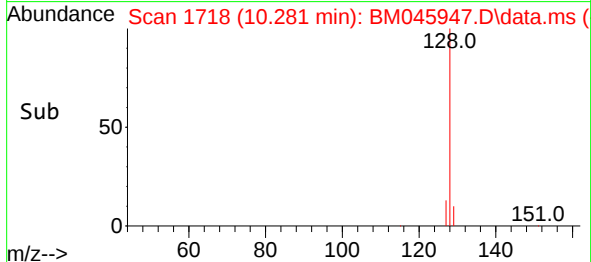
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:128 Resp: 729
Ion Ratio Lower Upper
128 100
129 13.1 9.4 14.0
127 14.4 10.6 15.8

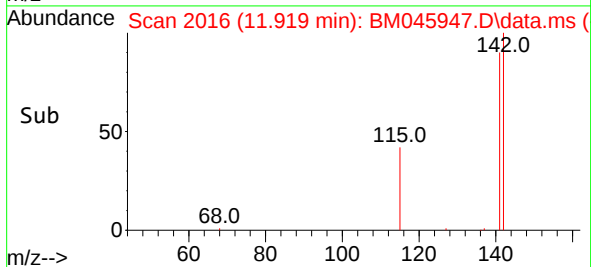
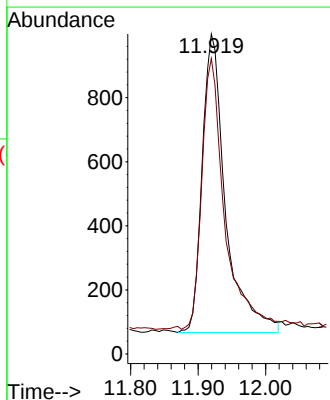
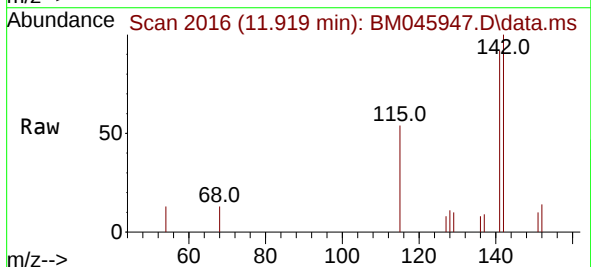
Manual Integrations
APPROVED

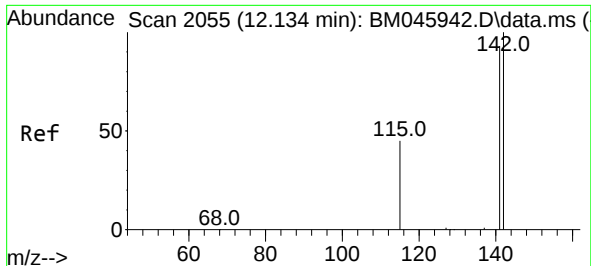
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 11.919 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

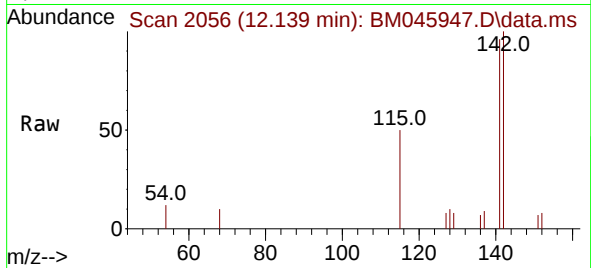
Tgt Ion:142 Resp: 2239
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.139 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

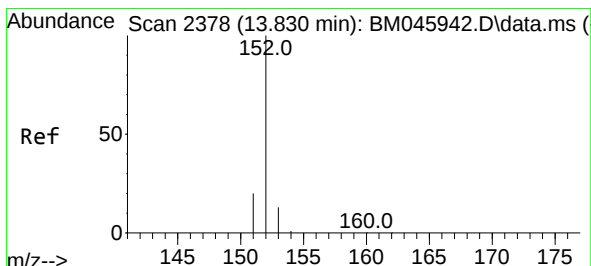
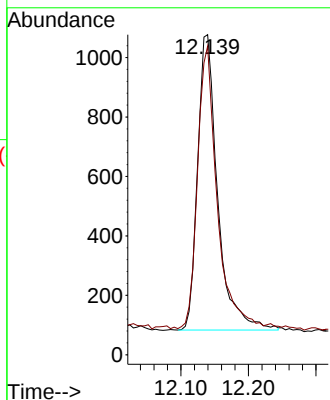
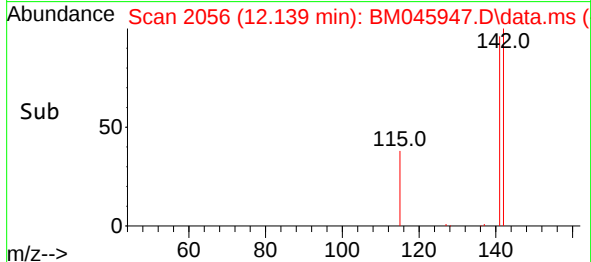
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:142 Resp: 2055
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3

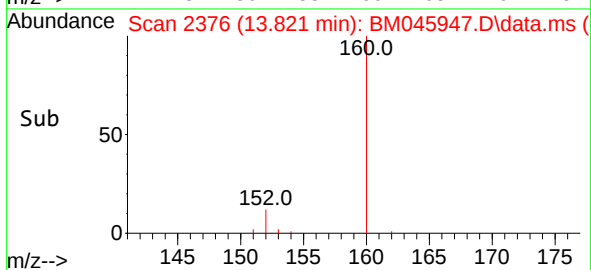
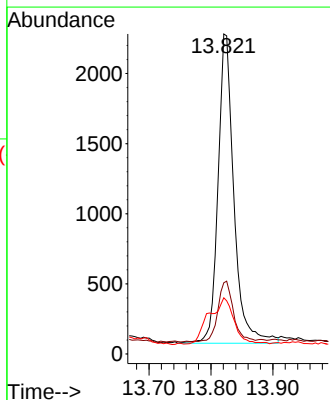
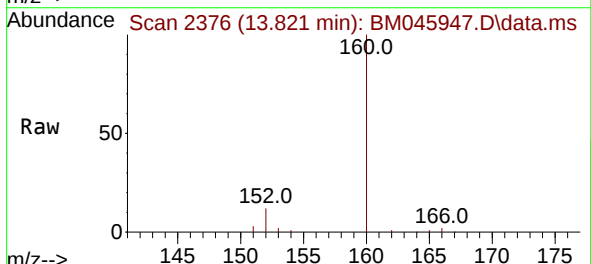
Manual Integrations
APPROVED

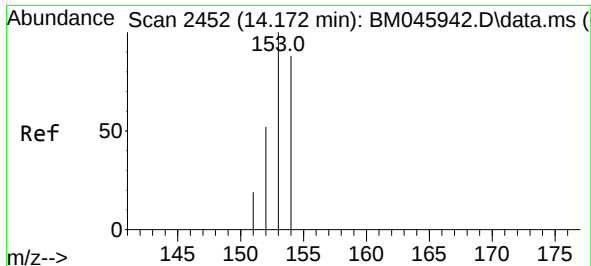
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.112 ng/ul
RT: 13.821 min Scan# 2376
Delta R.T. -0.019 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

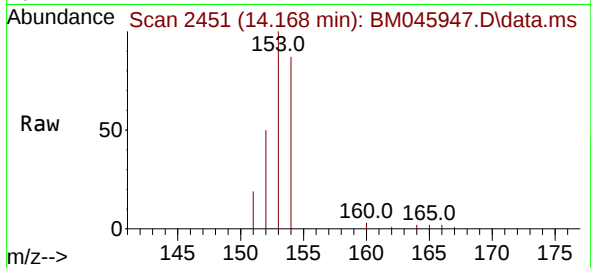
Tgt Ion:152 Resp: 3945
Ion Ratio Lower Upper
152 100
151 22.3 16.4 24.6
153 17.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.446 ng/u1
RT: 14.168 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

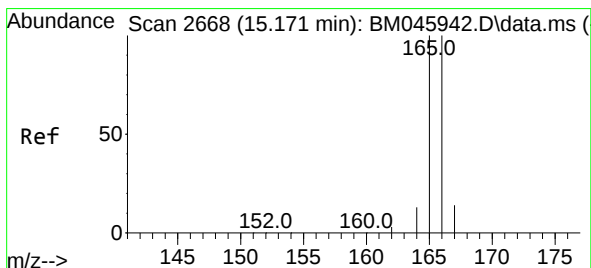
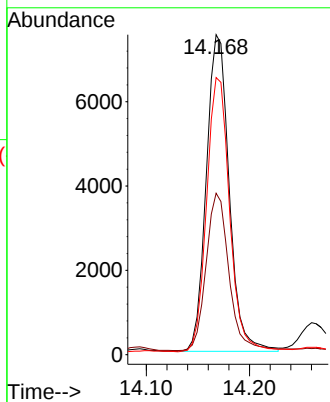
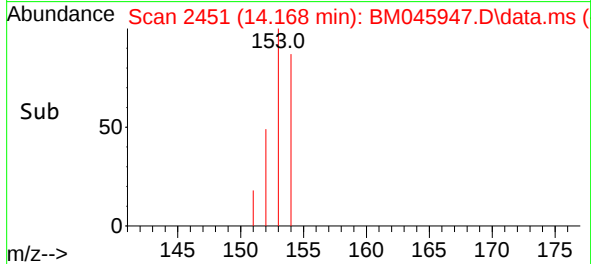
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:153 Resp: 1159
Ion Ratio Lower Upper
153 100
152 50.5 39.0 58.4
154 86.6 69.4 104.2

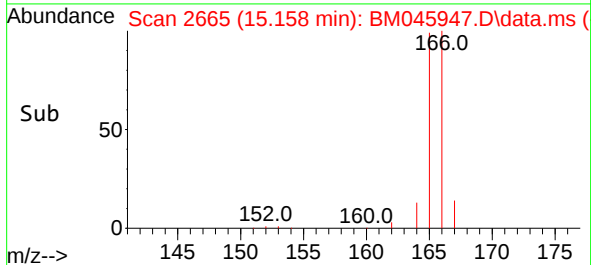
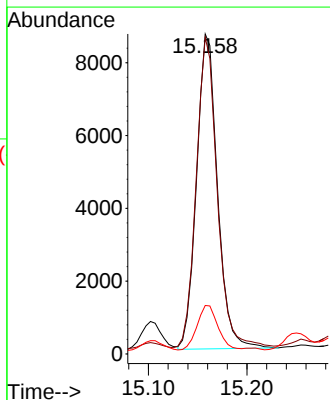
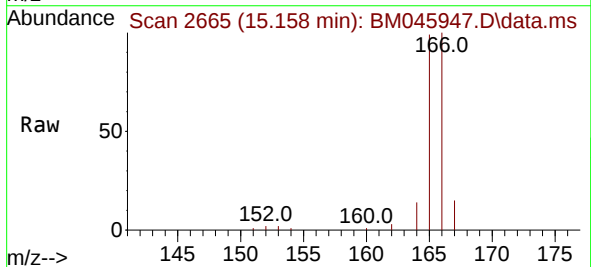
Manual Integrations
APPROVED

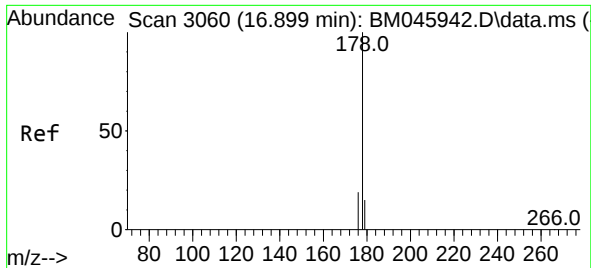
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.441 ng/u1
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

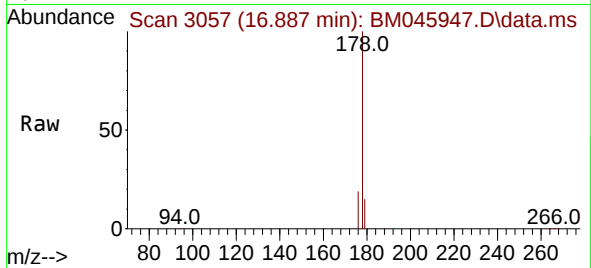
Tgt Ion:166 Resp: 12790
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 15.2 11.3 16.9





#15
Phenanthrene
Concen: 4.812 ng/ul
RT: 16.887 min Scan# 3060
Delta R.T. -0.017 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

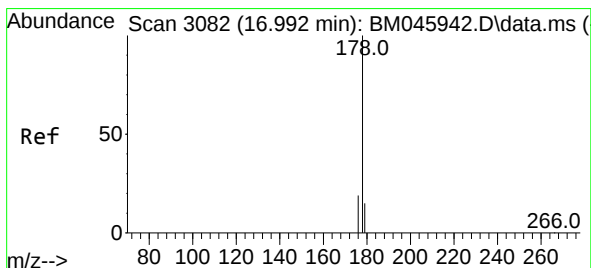
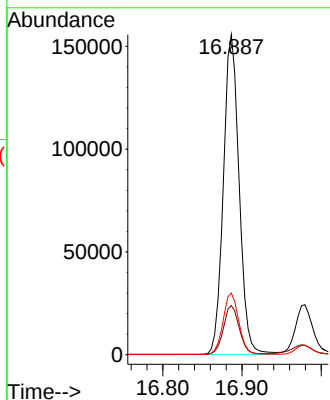
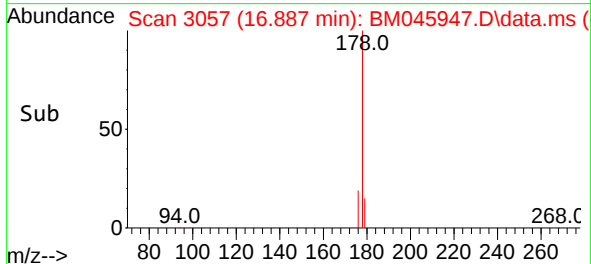
Instrument :
BNA_M
ClientSampleId :
A4BH1



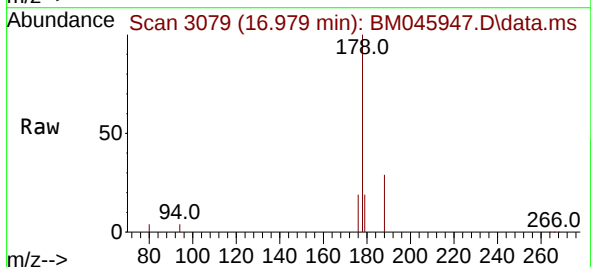
Tgt Ion:178 Resp: 21545
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.6 23.4

Manual Integrations
APPROVED

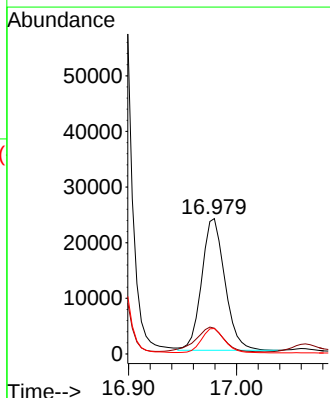
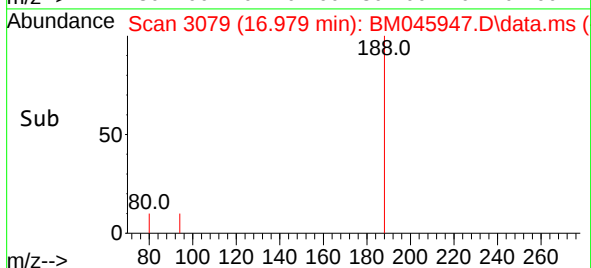
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

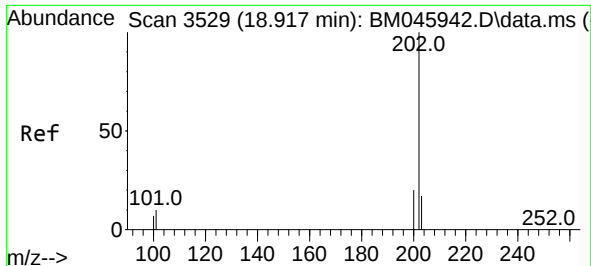


#16
Anthracene
Concen: 0.927 ng/ul
RT: 16.979 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55



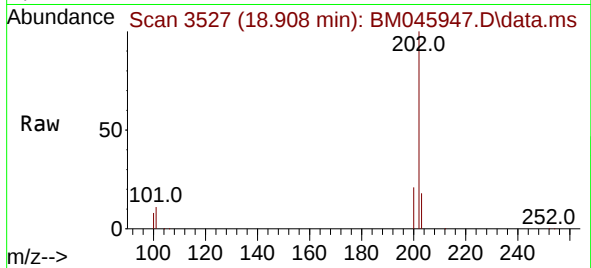
Tgt Ion:178 Resp: 35412
Ion Ratio Lower Upper
178 100
179 19.1 13.1 19.7
176 18.8 15.5 23.3





#19
Fluoranthene
Concen: 5.237 ng/u1
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

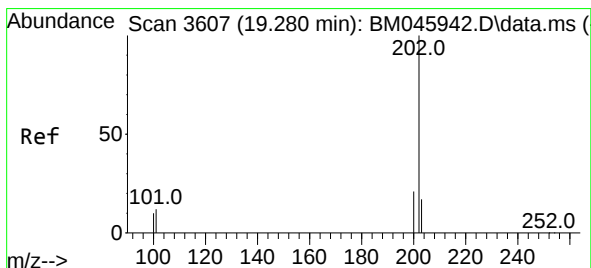
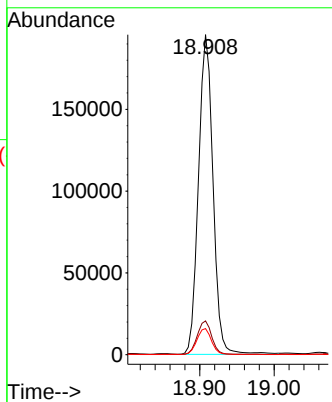
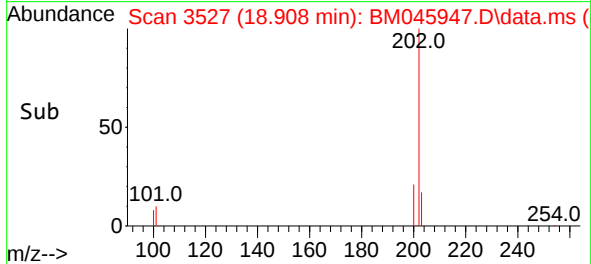
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:202 Resp: 265384
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.2 7.0 10.6

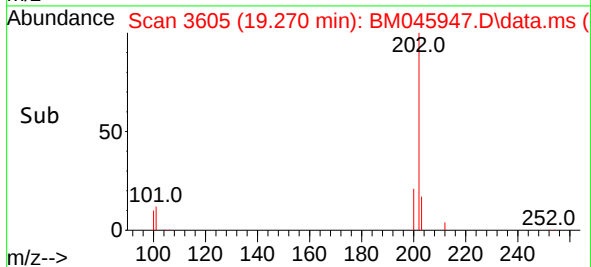
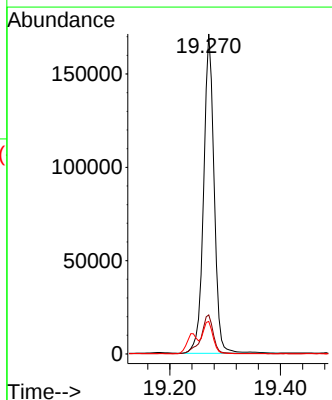
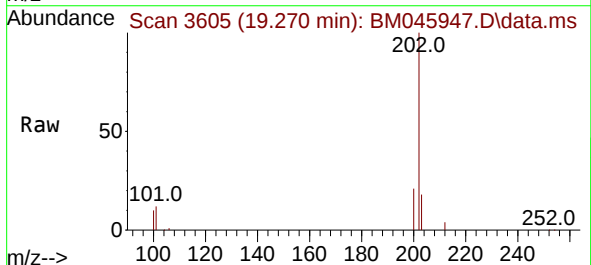
Manual Integrations
APPROVED

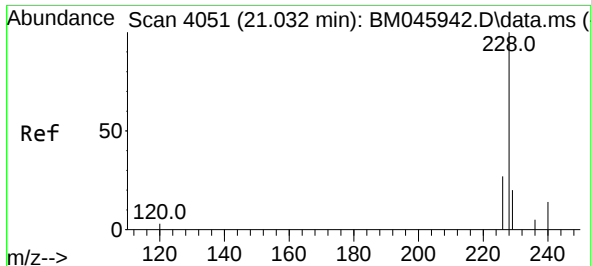
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 4.289 ng/u1
RT: 19.270 min Scan# 3605
Delta R.T. -0.014 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

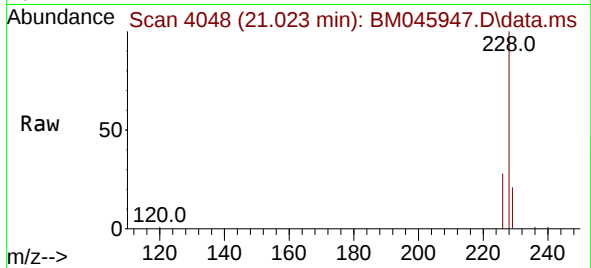
Tgt Ion:202 Resp: 226714
Ion Ratio Lower Upper
202 100
101 12.2 10.6 16.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.065 ng/u1
RT: 21.023 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

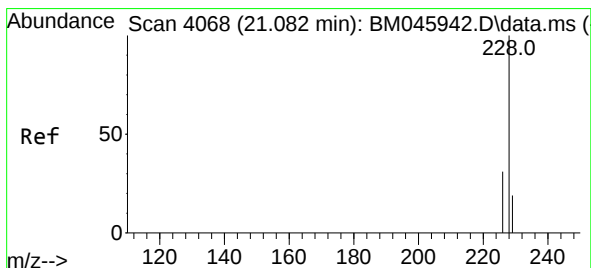
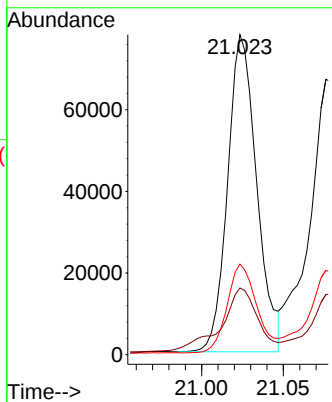
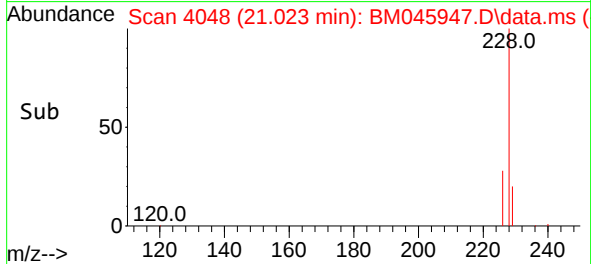
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:228 Resp: 96312
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.3 22.0 33.0

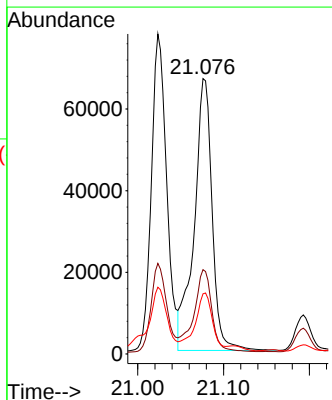
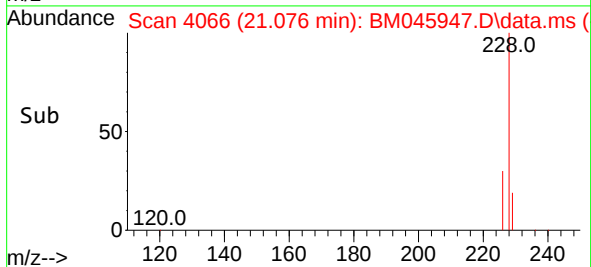
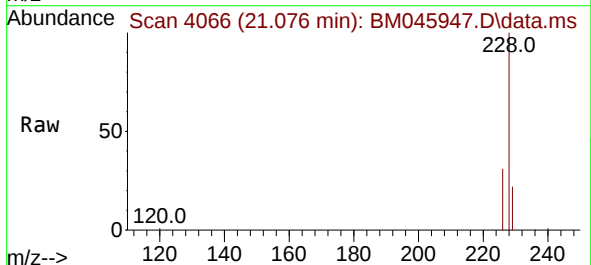
Manual Integrations
APPROVED

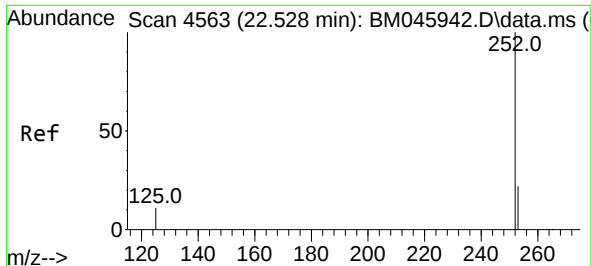
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 1.905 ng/u1
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

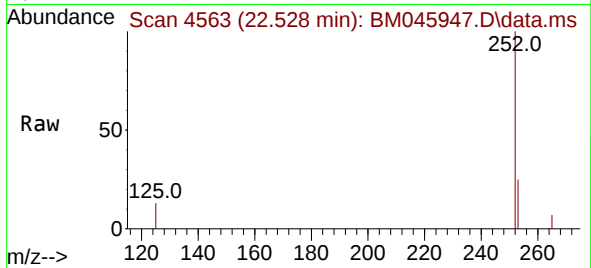
Tgt Ion:228 Resp: 96743
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 2.588 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

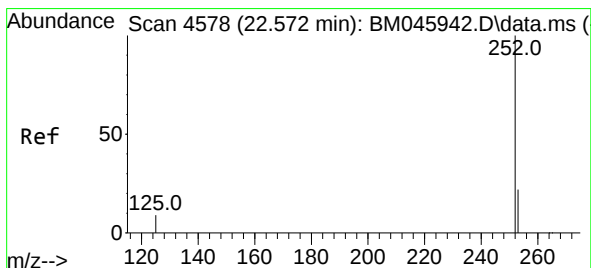
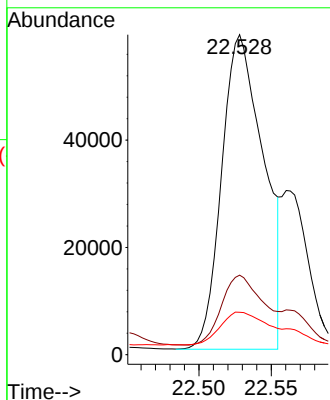
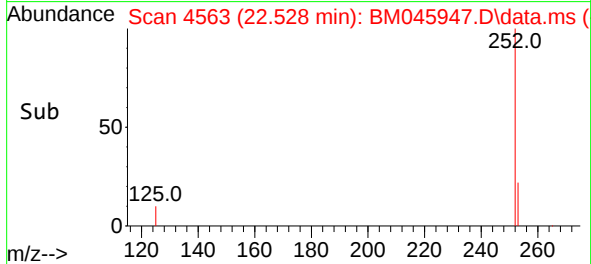
Instrument :
BNA_M
ClientSampleId :
A4BH1



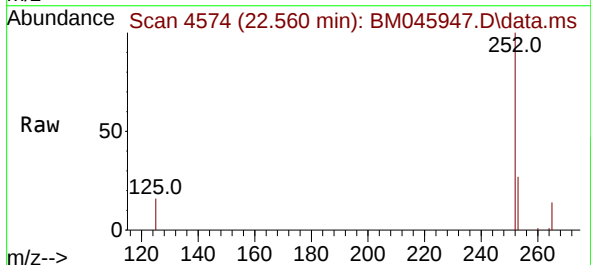
Tgt Ion:252 Resp: 117900
Ion Ratio Lower Upper
252 100
253 24.8 0.0 63.6
125 13.3 0.0 35.8

Manual Integrations
APPROVED

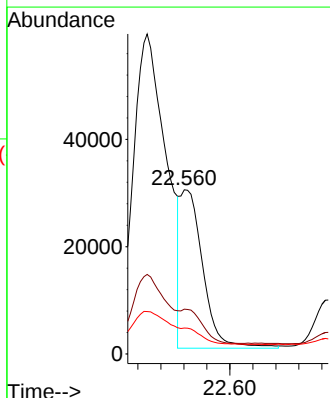
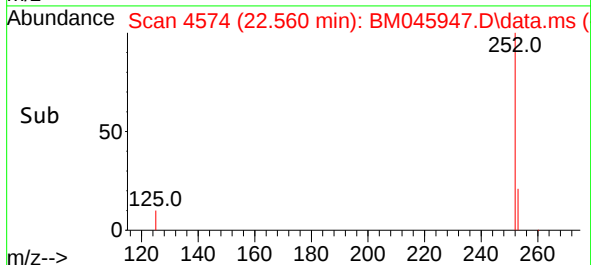
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

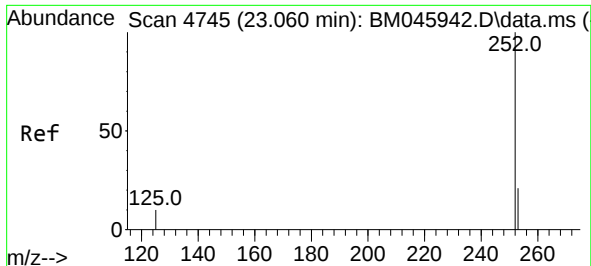


#25
Benzo(k)fluoranthene
Concen: 0.810 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.021 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55



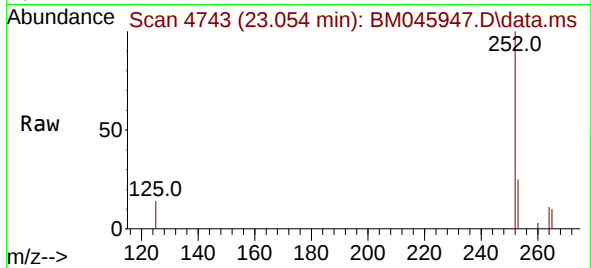
Tgt Ion:252 Resp: 40568
Ion Ratio Lower Upper
252 100
253 27.3 25.0 37.6
125 15.8 14.2 21.2





#26
Benzo(a)pyrene
Concen: 1.891 ng/ul
RT: 23.054 min Scan# 4743
Delta R.T. -0.018 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

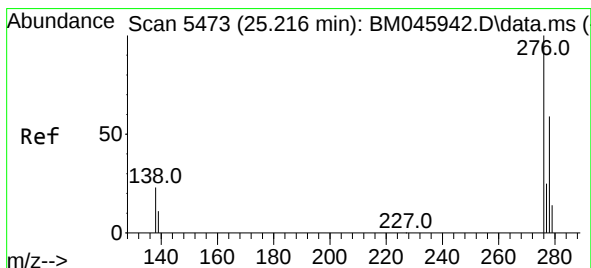
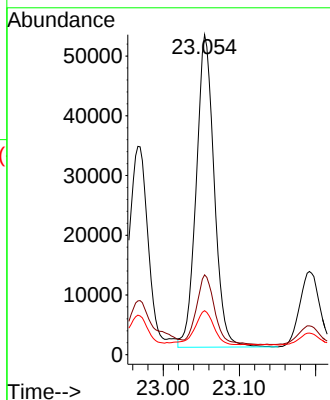
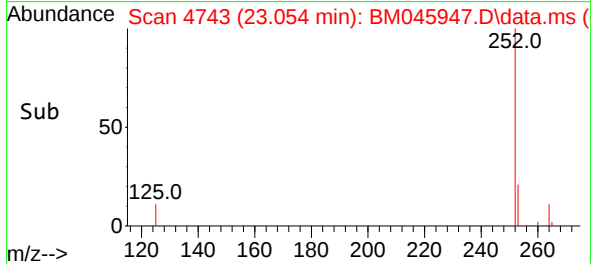
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:252 Resp: 85649
Ion Ratio Lower Upper
252 100
253 25.0 28.8 43.2
125 13.7 17.3 25.9

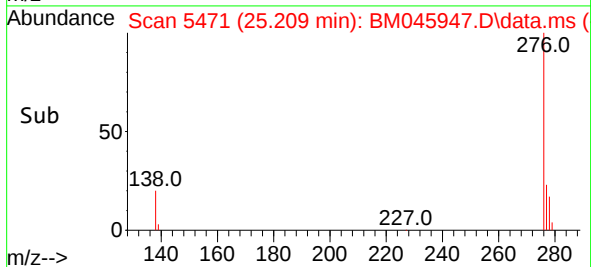
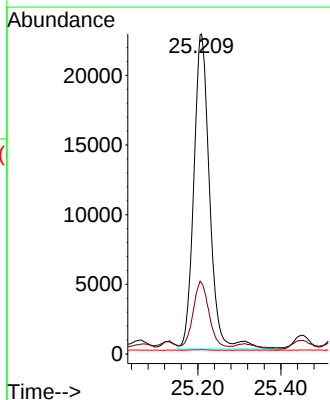
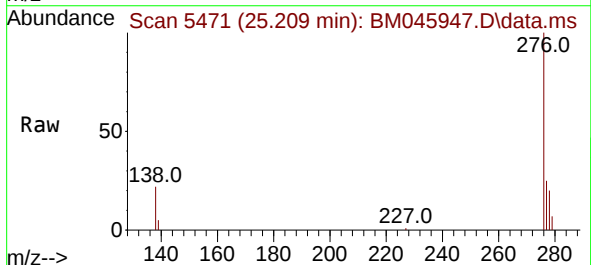
Manual Integrations
APPROVED

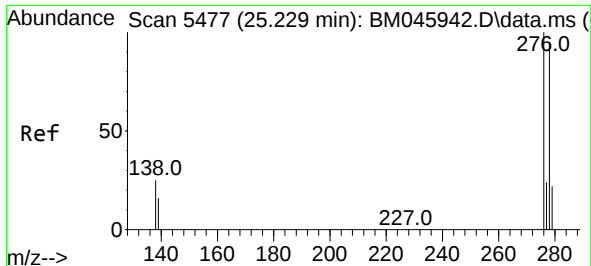
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.022 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

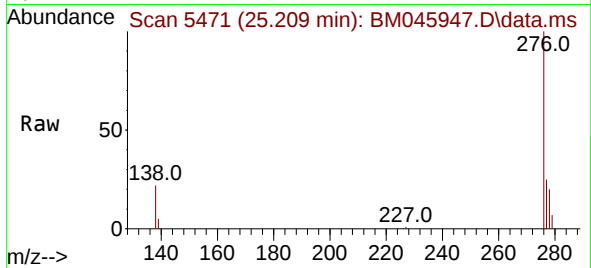
Tgt Ion:276 Resp: 59898
Ion Ratio Lower Upper
276 100
138 20.1 20.7 31.1#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.266 ng/ul
RT: 25.209 min Scan# 5477
Delta R.T. -0.040 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

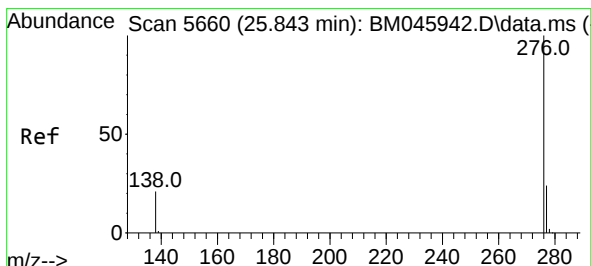
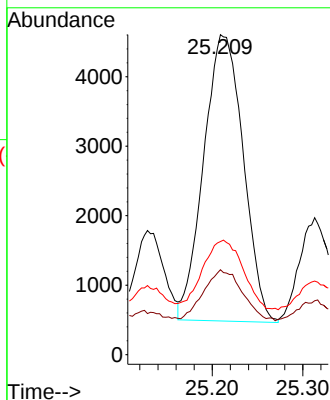
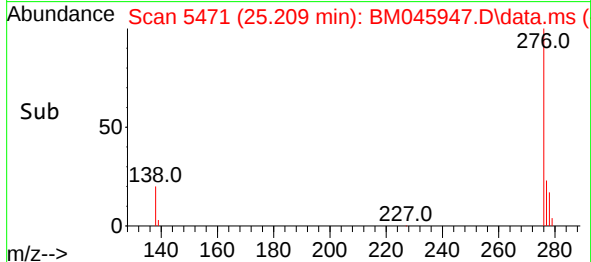
Instrument :
BNA_M
ClientSampleId :
A4BH1



Tgt Ion:278 Resp: 12479
Ion Ratio Lower Upper
278 100
139 26.5 16.6 25.0
279 35.3 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 1.154 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045947.D
Acq: 10 Jun 2024 12:55

Tgt Ion:276 Resp: 58281
Ion Ratio Lower Upper
276 100
138 23.6 21.0 31.4
277 24.9 20.5 30.7

