

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046924.D
 Acq On : 30 Jul 2024 18:10
 Operator : MA/JU
 Sample : P3336-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E43

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 00:00:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	2101	0.400	ng/ul	0.00
4) Naphthalene-d8	10.204	136	5843	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.098	164	7029	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	8531	0.400	ng/ul	0.00
17) Chrysene-d12	21.070	240	6645	0.400	ng/ul	# 0.00
23) Perylene-d12	23.192	264	7092	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3592	2.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	1410	0.152	ng/ul	0.00
18) Fluoranthene-d10	18.894	212	3327	0.154	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	7022	0.475	ng/ul	98
7) 2-Methylnaphthalene	11.881	142	3764	0.370	ng/ul	98
8) 1-Methylnaphthalene	12.101	142	2663	0.253	ng/ul	99
10) Acenaphthylene	13.811	152	24780	0.770	ng/ul	99
11) Acenaphthene	14.158	153	1688	0.077	ng/ul	95
12) Fluorene	15.158	166	2594	0.095	ng/ul#	89
15) Phenanthrene	16.895	178	45519	1.856	ng/ul	98
16) Anthracene	16.984	178	55804	2.445	ng/ul	99
19) Fluoranthene	18.926	202	210437	7.211	ng/ul	98
20) Pyrene	19.293	202	132841	4.400	ng/ul	97
21) Benzo(a)anthracene	21.053	228	158948	5.740	ng/ul	98
22) Chrysene	21.105	228	246792	8.774	ng/ul	99
24) Benzo(b)fluoranthene	22.569	252	364087m	11.693	ng/ul	
25) Benzo(k)fluoranthene	22.607	252	117712m	3.752	ng/ul	
26) Benzo(a)pyrene	23.101	252	53644	2.400	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.289	276	66769	1.941	ng/ul	99
28) Dibenzo(a,h)anthracene	25.293	278	29448	1.169	ng/ul	96
29) Benzo(g,h,i)perylene	25.923	276	8033	0.265	ng/ul#	89

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

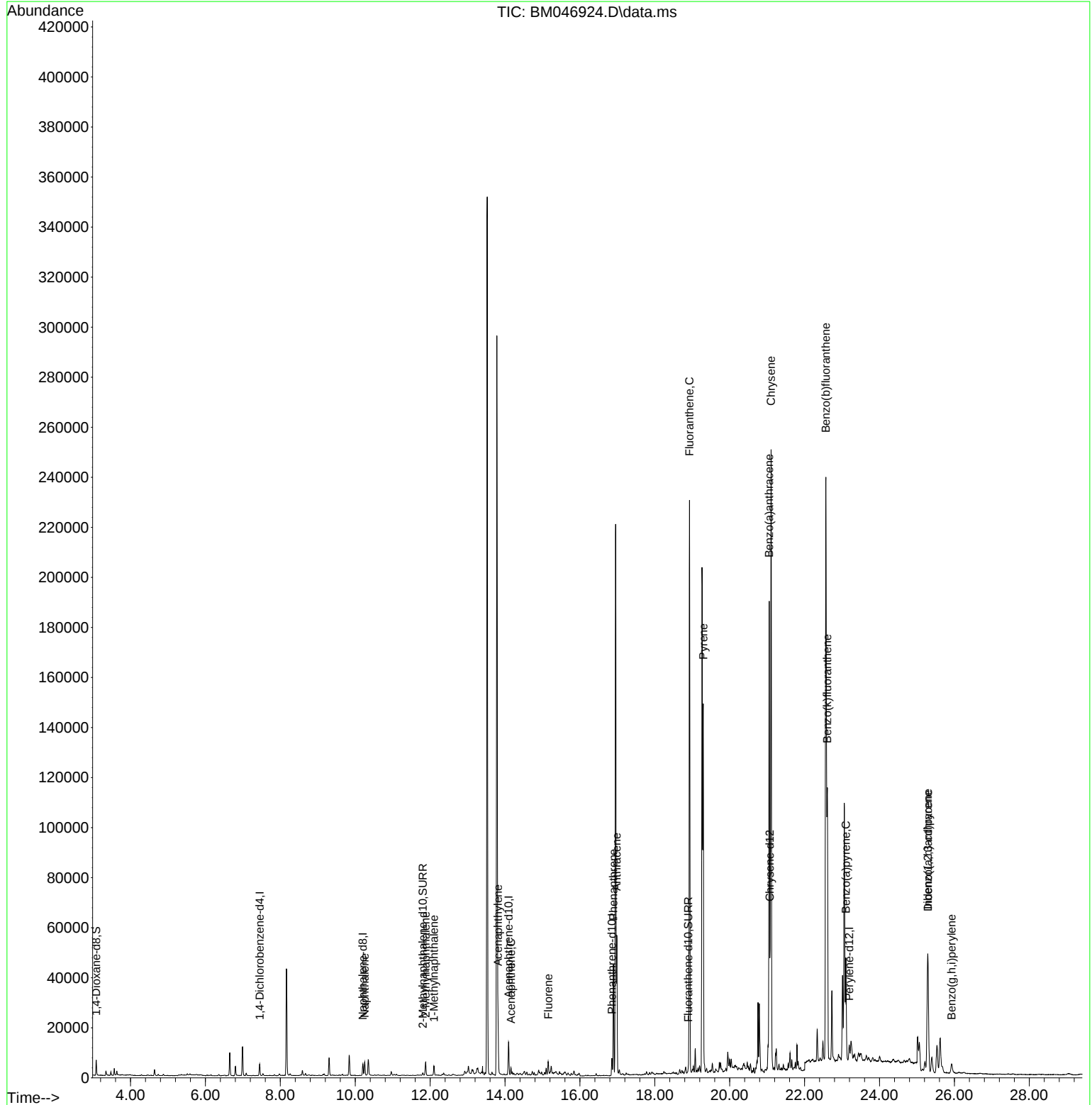
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046924.D
Acq On : 30 Jul 2024 18:10
Operator : MA/JU
Sample : P3336-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

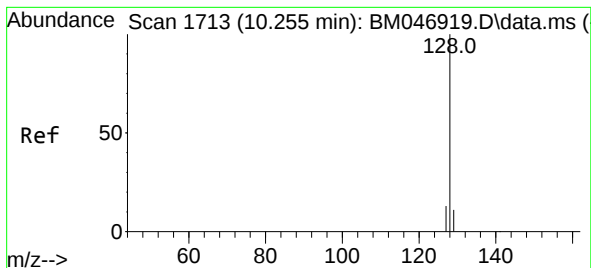
Instrument :
BNA_M
ClientSampleId :
F7E43

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

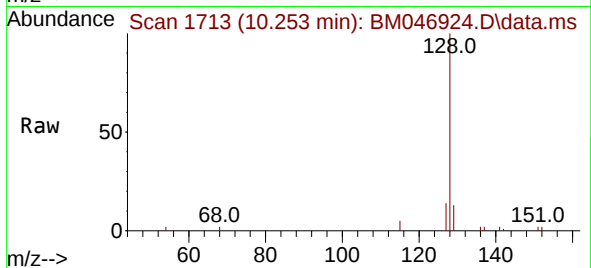
Quant Time: Jul 31 00:00:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.475 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.007 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

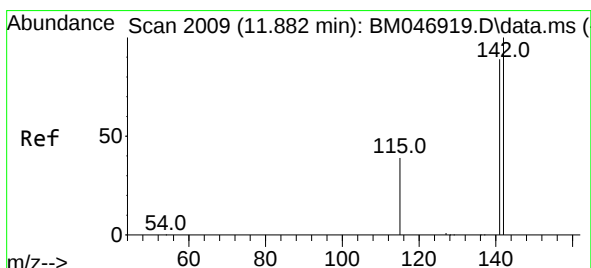
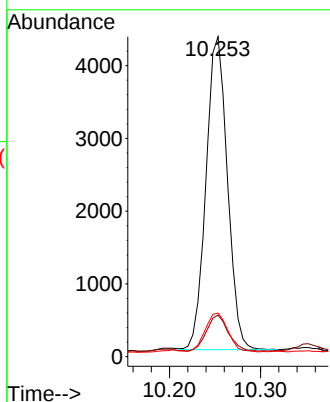
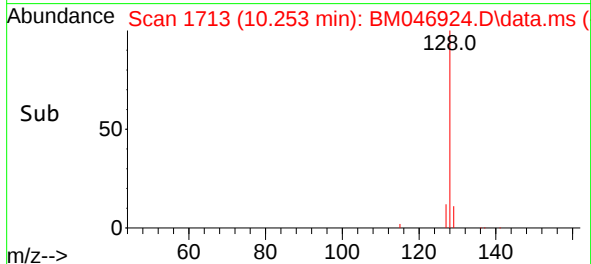
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:128 Resp: 702
Ion Ratio Lower Upper
128 100
129 13.0 10.1 15.1
127 13.6 11.5 17.3

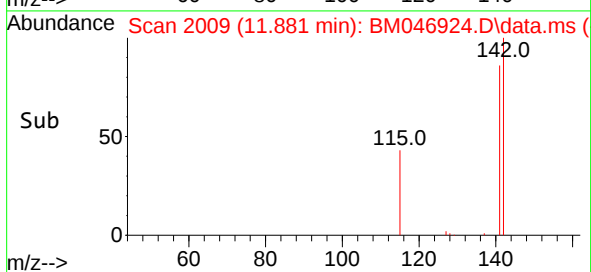
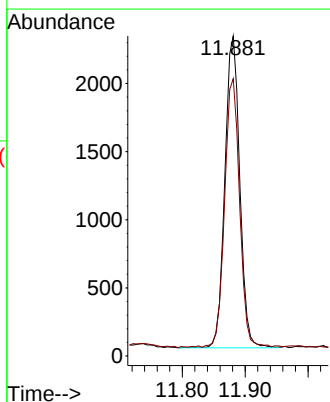
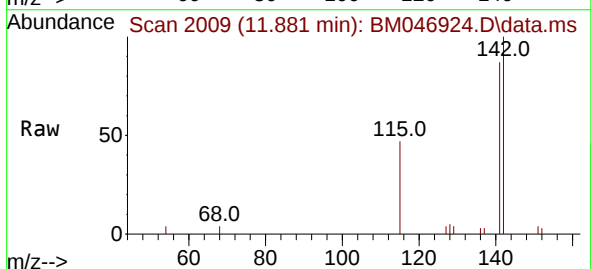
Manual Integrations
APPROVED

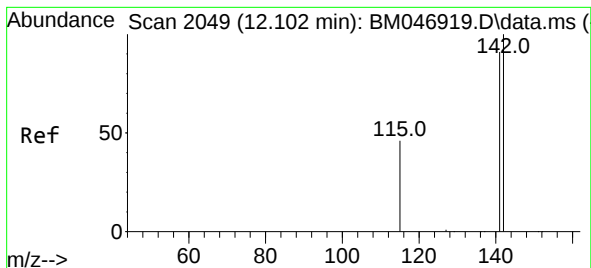
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 11.881 min Scan# 2009
Delta R.T. -0.007 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

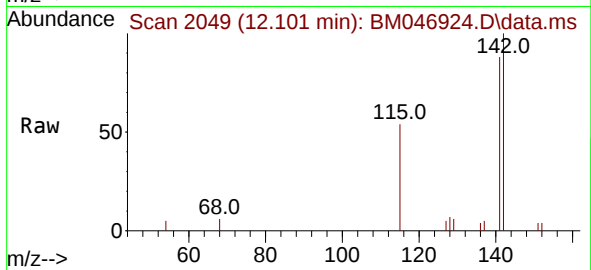
Tgt Ion:142 Resp: 3764
Ion Ratio Lower Upper
142 100
141 86.5 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.253 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.007 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

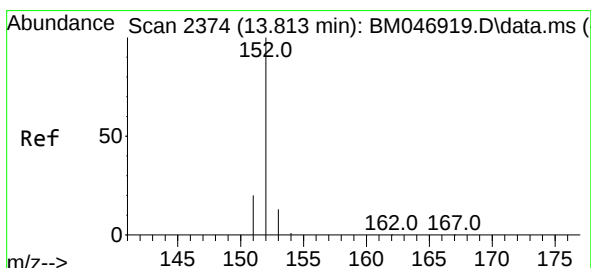
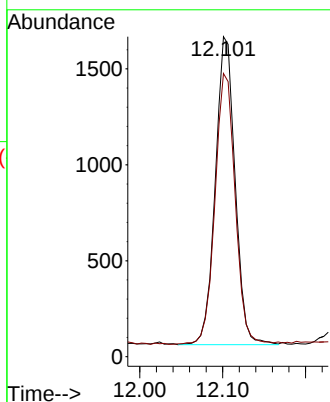
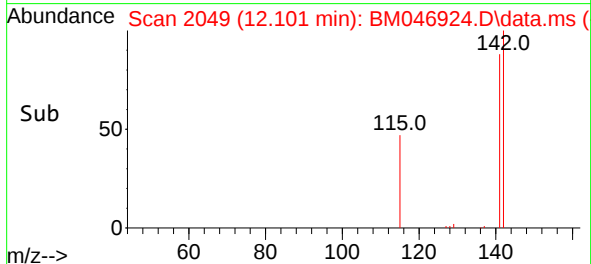
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7

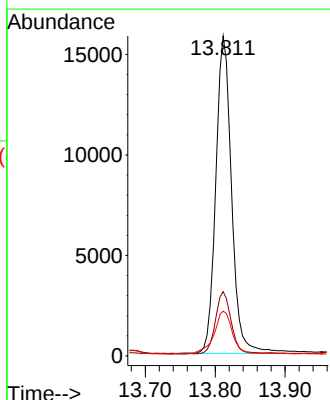
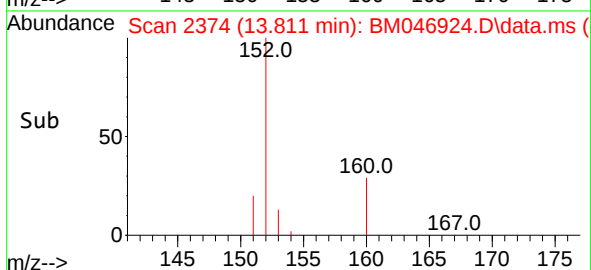
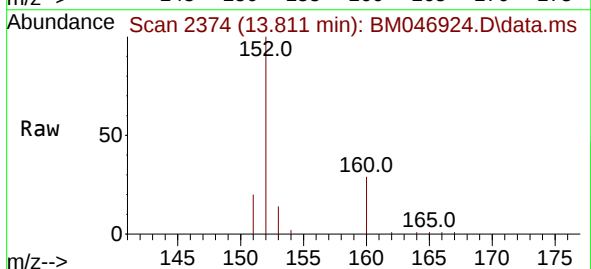
Manual Integrations
APPROVED

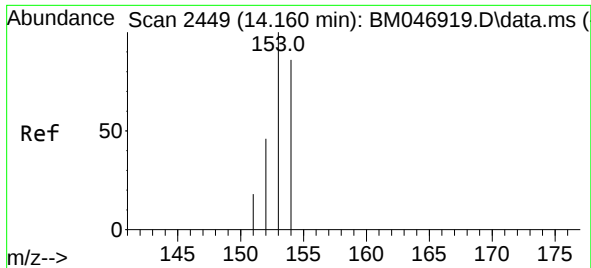
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.770 ng/ul
RT: 13.811 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

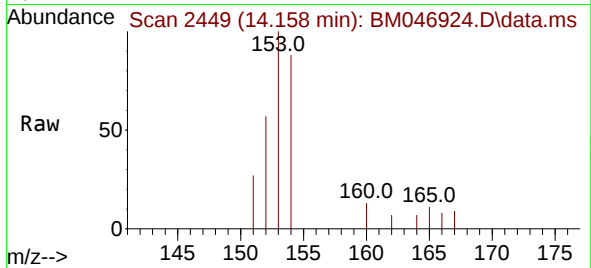
Tgt Ion:152 Resp: 24780
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.158 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

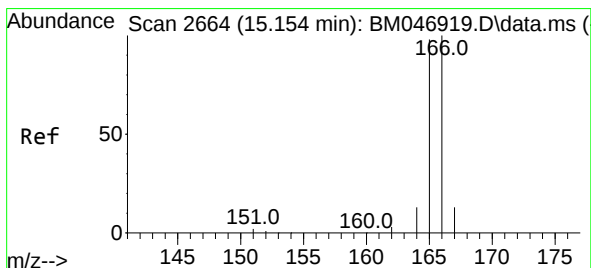
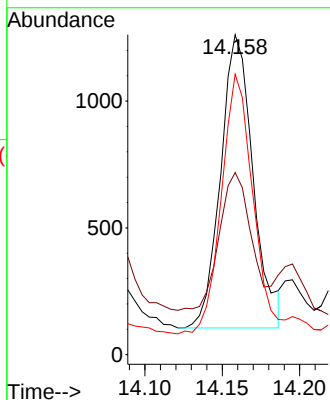
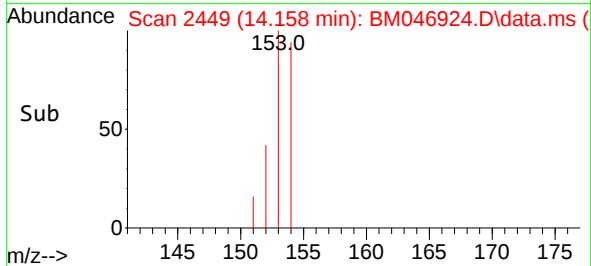
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:153 Resp: 1688
Ion Ratio Lower Upper
153 100
152 56.9 38.6 57.8
154 87.6 70.8 106.2

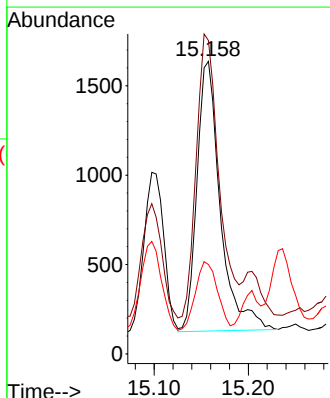
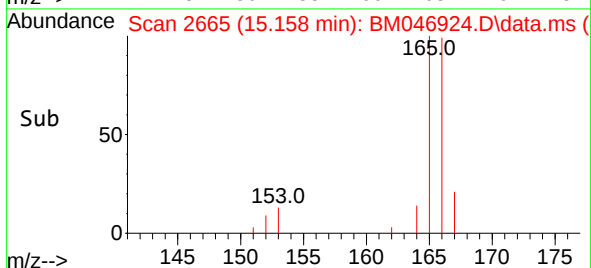
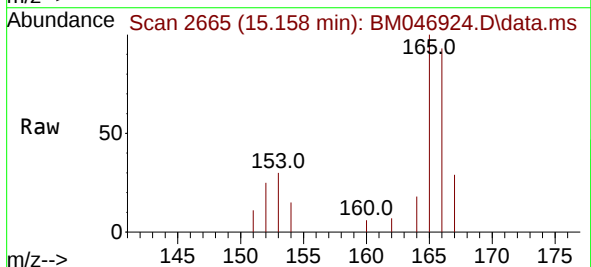
Manual Integrations
APPROVED

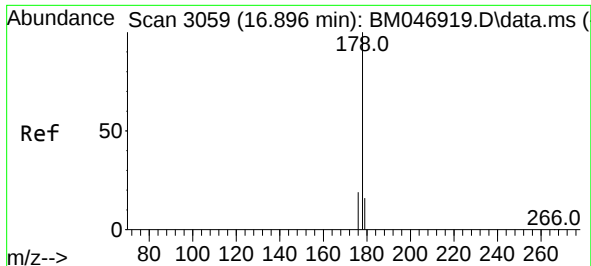
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.095 ng/ul
RT: 15.158 min Scan# 2665
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

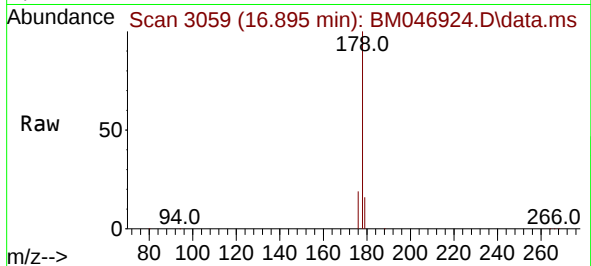
Tgt Ion:166 Resp: 2594
Ion Ratio Lower Upper
166 100
165 107.1 79.8 119.6
167 30.5 12.3 18.5#





#15
Phenanthrene
Concen: 1.856 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

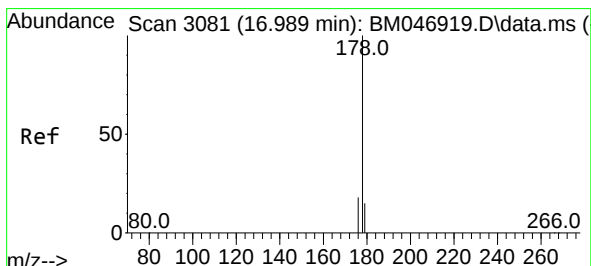
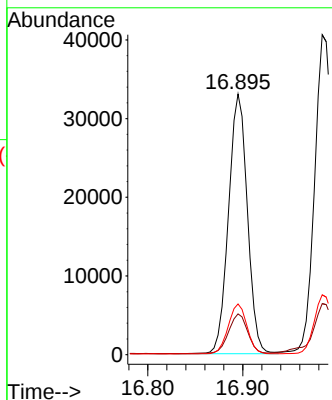
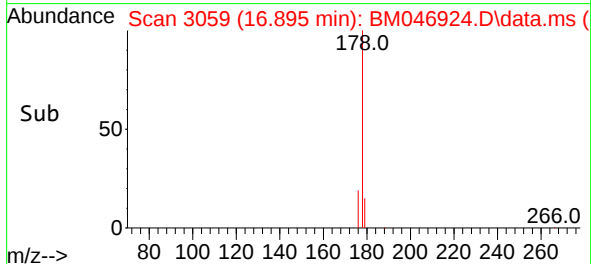
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:178 Resp: 45519
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.4 16.1 24.1

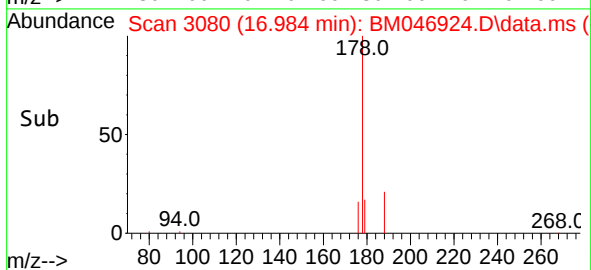
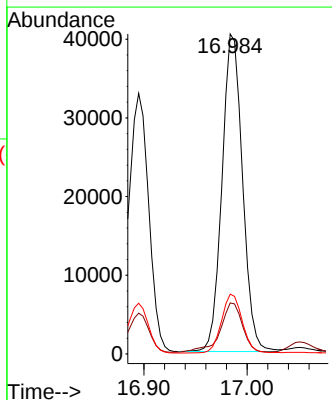
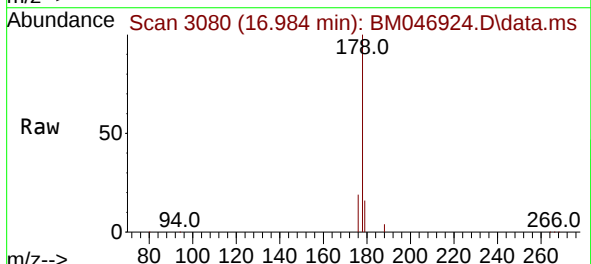
Manual Integrations
APPROVED

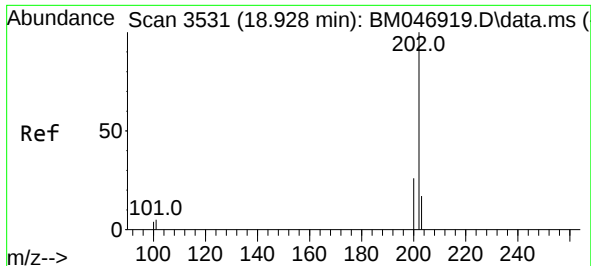
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 2.445 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.010 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

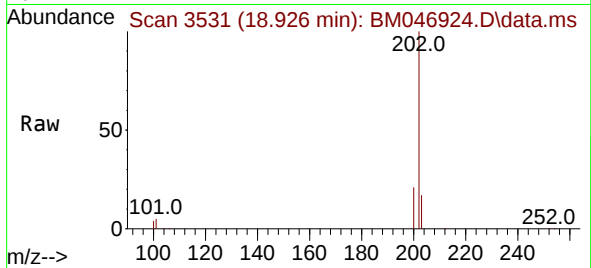
Tgt Ion:178 Resp: 55804
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 7.211 ng/ul
RT: 18.926 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

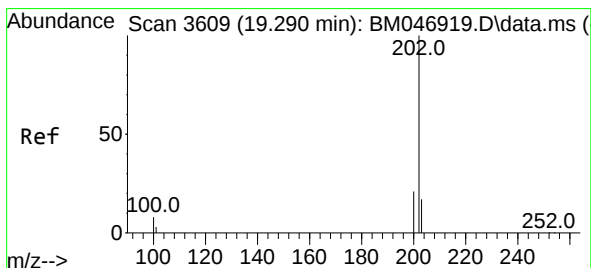
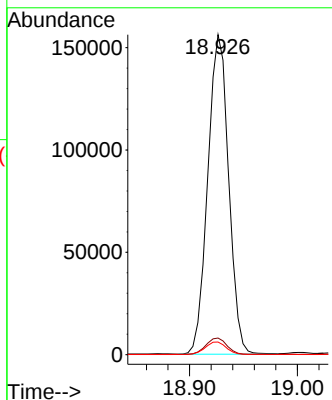
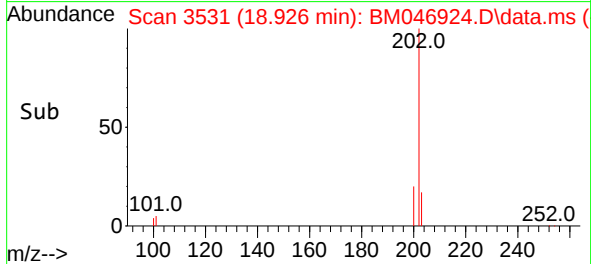
Instrument :
BNA_M
ClientSampleId :
F7E43



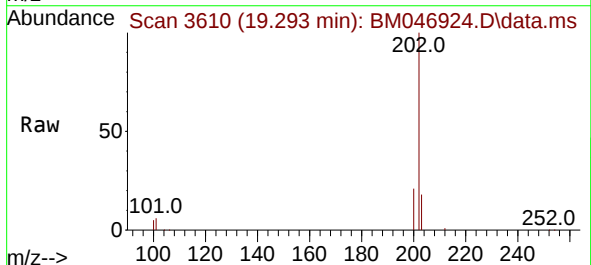
Tgt Ion:202 Resp: 21043
Ion Ratio Lower Upper
202 100
101 5.2 4.7 7.1
100 3.9 3.4 5.2

Manual Integrations
APPROVED

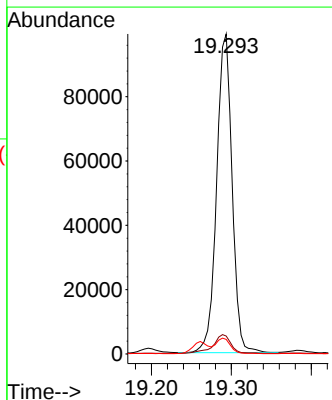
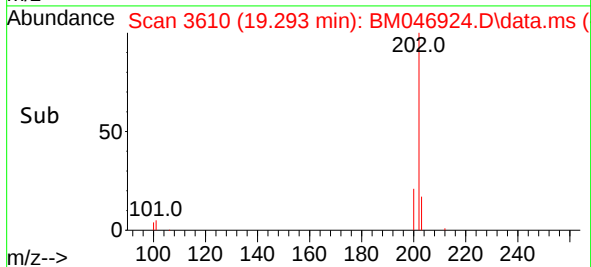
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

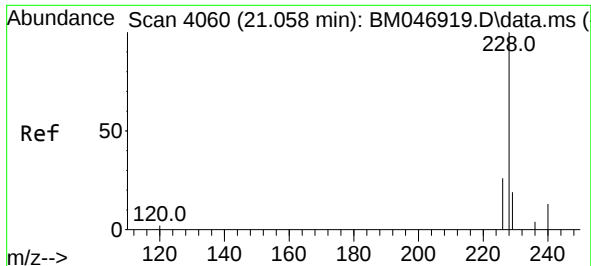


#20
Pyrene
Concen: 4.400 ng/ul
RT: 19.293 min Scan# 3610
Delta R.T. -0.001 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10



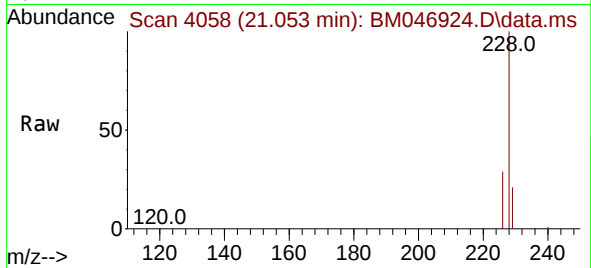
Tgt Ion:202 Resp: 132841
Ion Ratio Lower Upper
202 100
101 5.6 5.2 7.8
100 4.6 4.3 6.5





#21
Benzo(a)anthracene
Concen: 5.740 ng/ul
RT: 21.053 min Scan# 4060
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

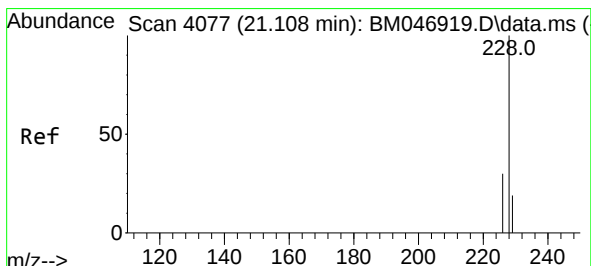
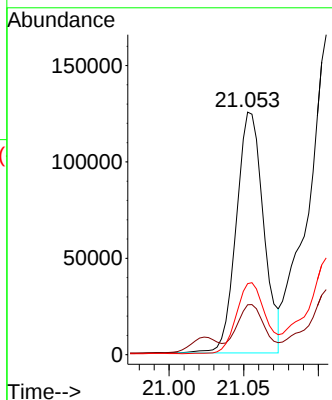
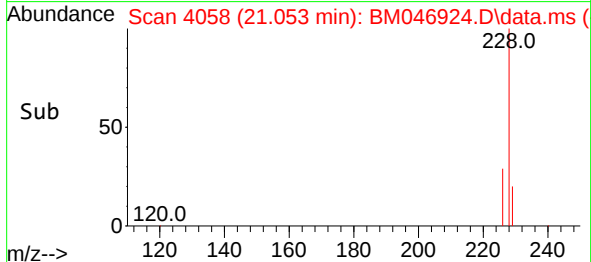
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:228 Resp: 158948
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 29.3 22.3 33.5

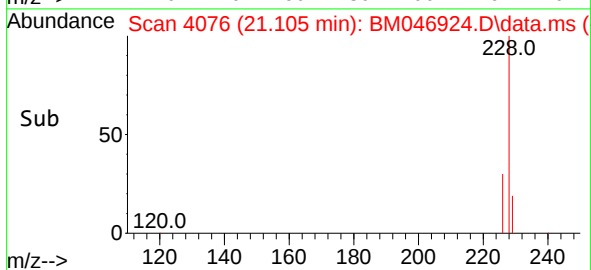
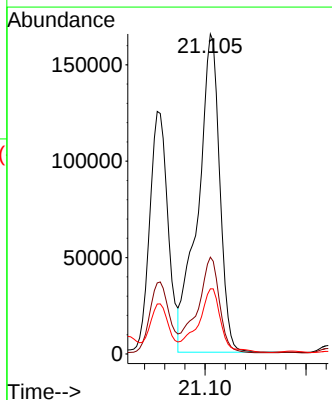
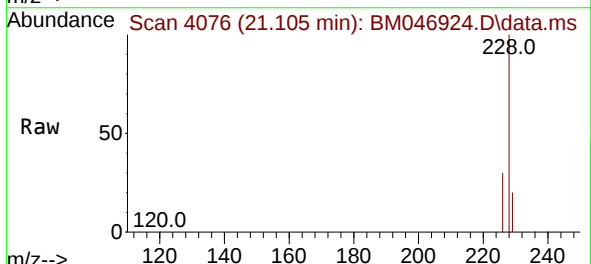
Manual Integrations
APPROVED

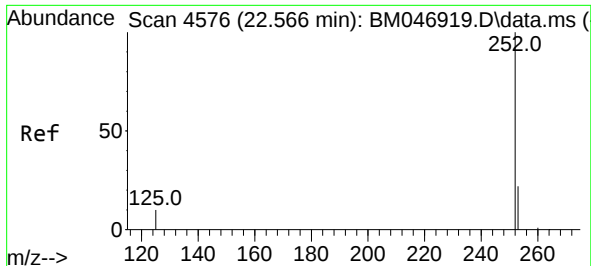
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 8.774 ng/ul
RT: 21.105 min Scan# 4076
Delta R.T. -0.003 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

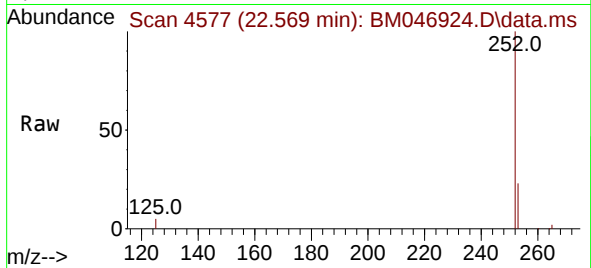
Tgt Ion:228 Resp: 246792
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 20.4 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 11.693 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. 0.000 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

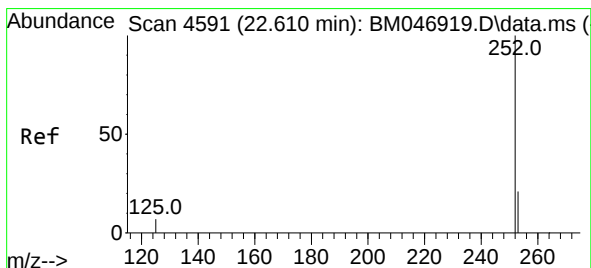
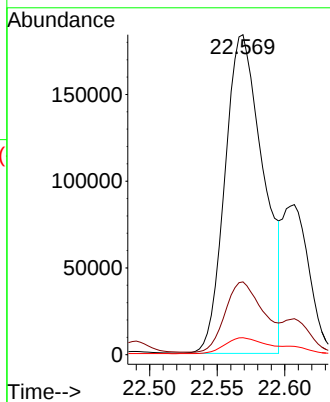
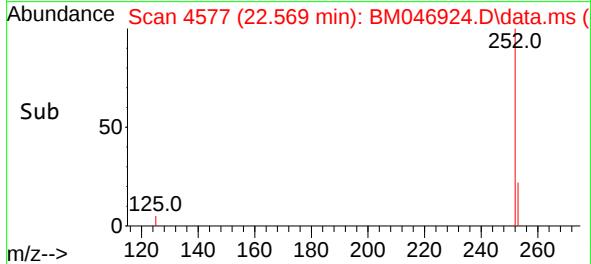
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:252 Resp: 36408
Ion Ratio Lower Upper
252 100
253 22.8 0.0 56.4
125 5.3 0.0 15.8

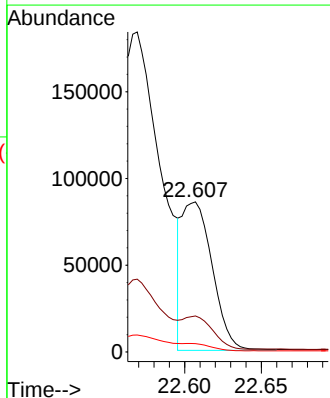
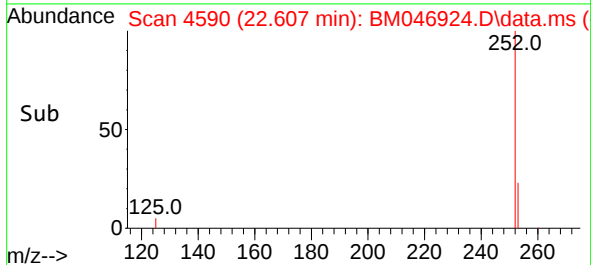
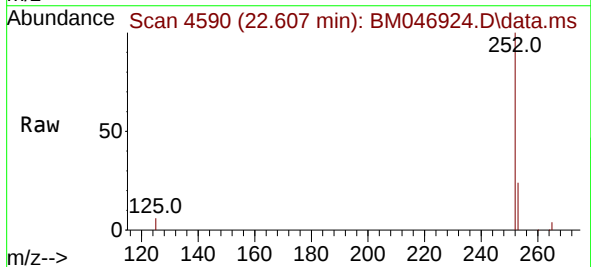
Manual Integrations
APPROVED

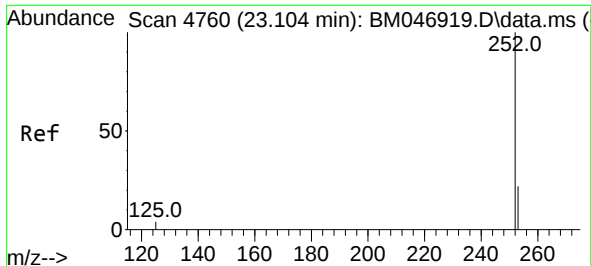
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 3.752 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

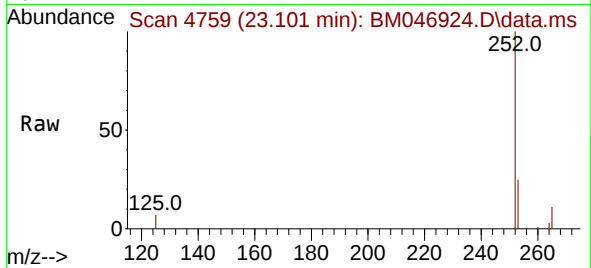
Tgt Ion:252 Resp: 117712
Ion Ratio Lower Upper
252 100
253 24.0 23.5 35.3
125 5.6 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 2.400 ng/ul
RT: 23.101 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

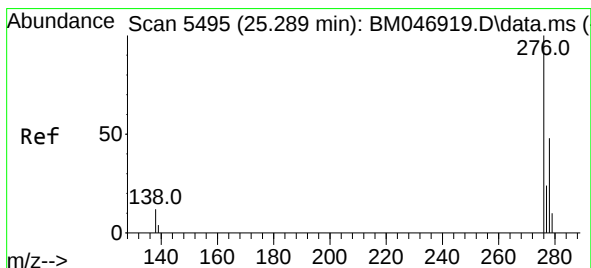
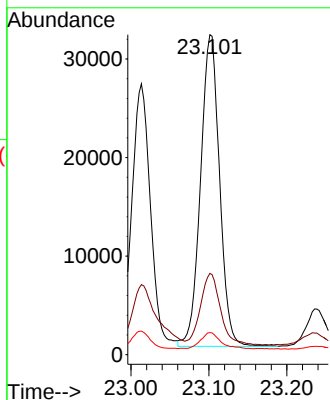
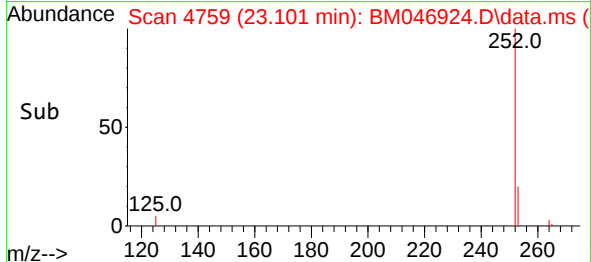
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:252 Resp: 53644
Ion Ratio Lower Upper
252 100
253 25.4 26.0 39.0
125 6.9 7.8 11.8

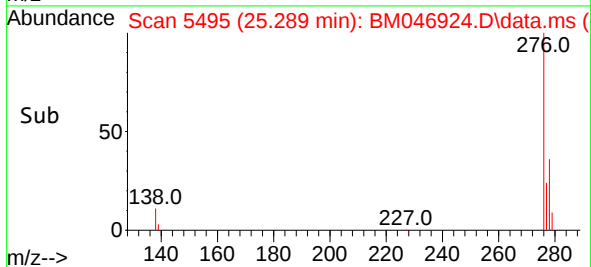
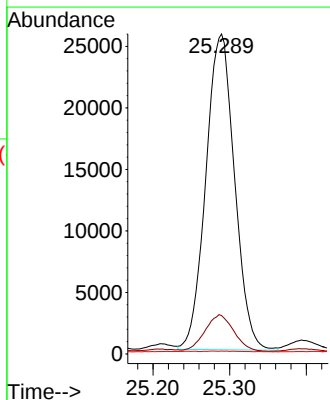
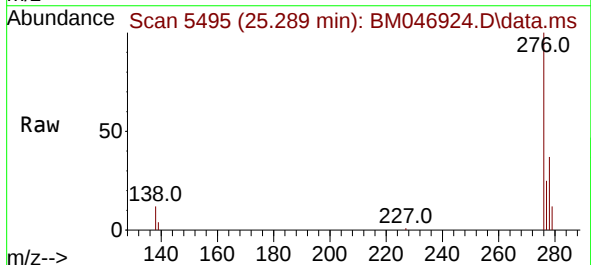
Manual Integrations
APPROVED

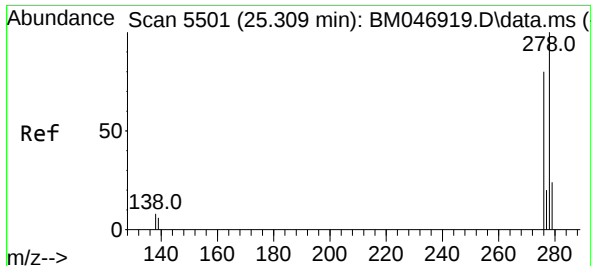
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.941 ng/ul
RT: 25.289 min Scan# 5495
Delta R.T. -0.006 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

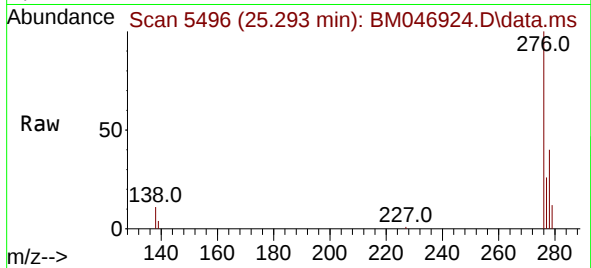
Tgt Ion:276 Resp: 66769
Ion Ratio Lower Upper
276 100
138 11.6 9.7 14.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.169 ng/ul
RT: 25.293 min Scan# 5496
Delta R.T. -0.016 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

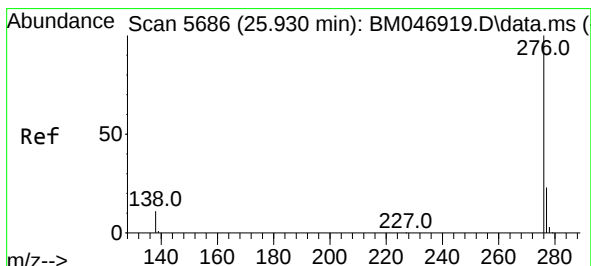
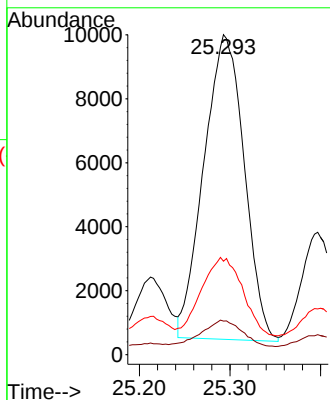
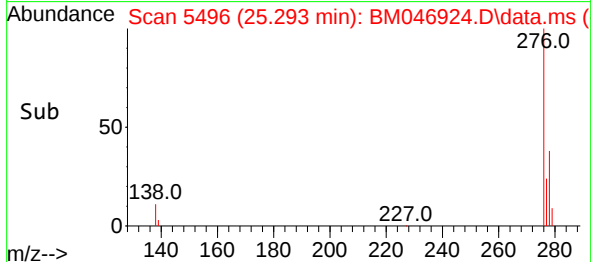
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:278 Resp: 2944
Ion Ratio Lower Upper
278 100
139 10.5 9.8 14.8
279 29.2 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.265 ng/ul
RT: 25.923 min Scan# 5684
Delta R.T. -0.010 min
Lab File: BM046924.D
Acq: 30 Jul 2024 18:10

Tgt Ion:276 Resp: 8033
Ion Ratio Lower Upper
276 100
138 17.4 9.5 14.3#
277 30.8 20.9 31.3

