

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046889.D
 Acq On : 29 Jul 2024 18:31
 Operator : MA/JU
 Sample : P3263-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 00:01:42 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 : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	3570	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.215	136	10115	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	6191	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.866	188	11643	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	8259	0.400	ng/ul	# 0.00
23) Perylene-d12	23.210	264	8727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1592	0.637	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	727	0.045	ng/ul	-0.01
18) Fluoranthene-d10	18.908	212	1245	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.264	128	4586	0.179	ng/ul	99
7) 2-Methylnaphthalene	11.887	142	1838	0.104	ng/ul	100
8) 1-Methylnaphthalene	12.112	142	1058	0.058	ng/ul	100
10) Acenaphthylene	13.821	152	6012	0.212	ng/ul	99
11) Acenaphthene	14.168	153	1100	0.057	ng/ul	94
12) Fluorene	15.167	166	1709	0.071	ng/ul#	97
15) Phenanthrene	16.904	178	37392	1.117	ng/ul	98
16) Anthracene	16.997	178	7917	0.254	ng/ul	97
19) Fluoranthene	18.936	202	81177	2.238	ng/ul	99
20) Pyrene	19.303	202	57340	1.528	ng/ul	99
21) Benzo(a)anthracene	21.065	228	35630	1.035	ng/ul	94
22) Chrysene	21.114	228	46328	1.325	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	66532m	1.736	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	22183m	0.575	ng/ul	
26) Benzo(a)pyrene	23.116	252	19677	0.715	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.310	276	23255	0.549	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.323	278	7748	0.250	ng/ul#	75
29) Benzo(g,h,i)perylene	25.950	276	3451	0.093	ng/ul#	61

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

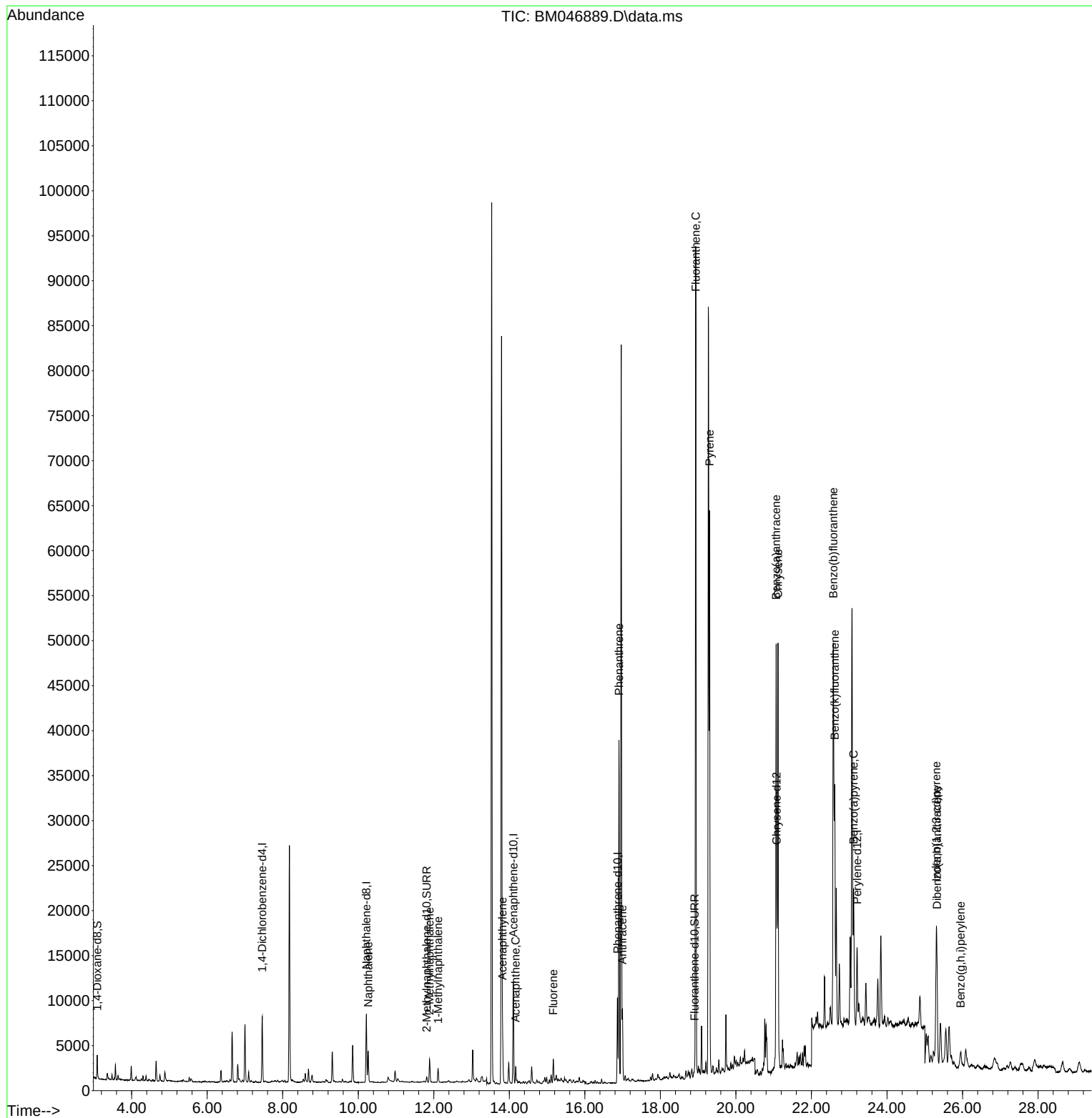
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046889.D
Acq On : 29 Jul 2024 18:31
Operator : MA/JU
Sample : P3263-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

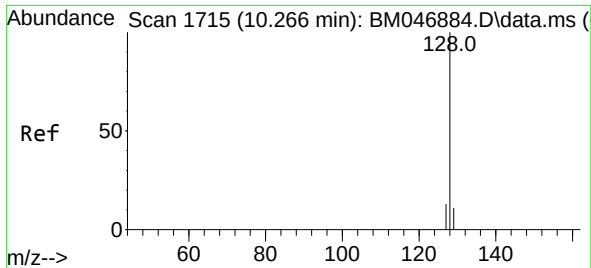
Instrument :
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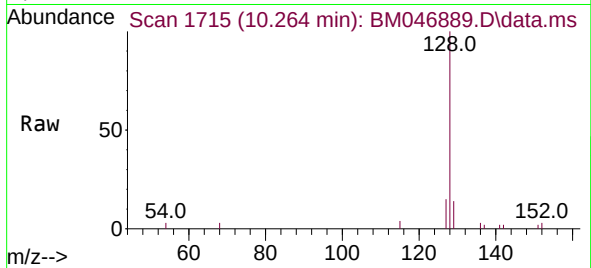
Quant Time: Jul 30 00:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.179 ng/ul
RT: 10.264 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

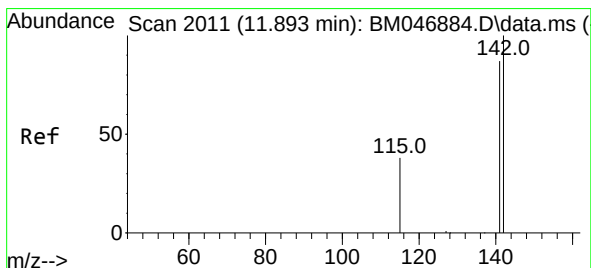
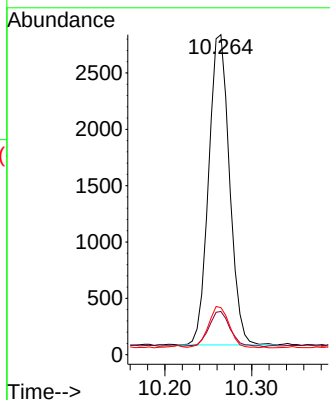
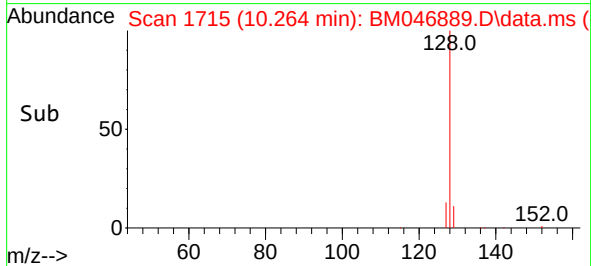
Instrument :
BNA_M
ClientSampleId :
A4CG6DL



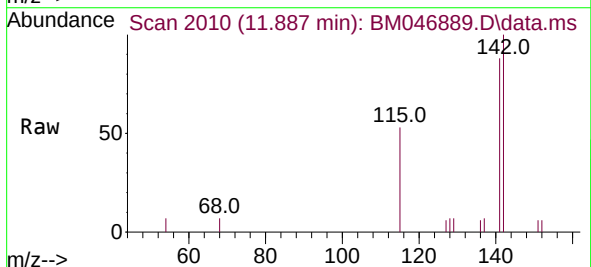
Tgt Ion:128 Resp: 4580
Ion Ratio Lower Upper
128 100
129 13.5 10.1 15.1
127 14.7 11.5 17.3

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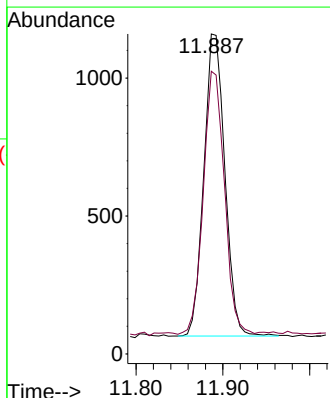
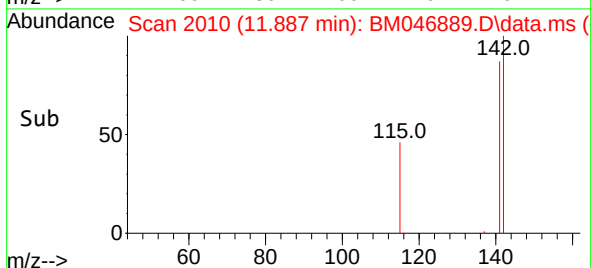
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

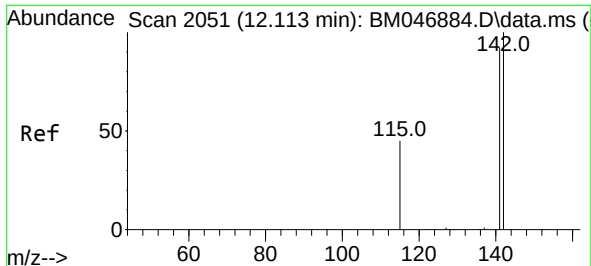


#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 11.887 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31



Tgt Ion:142 Resp: 1838
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7





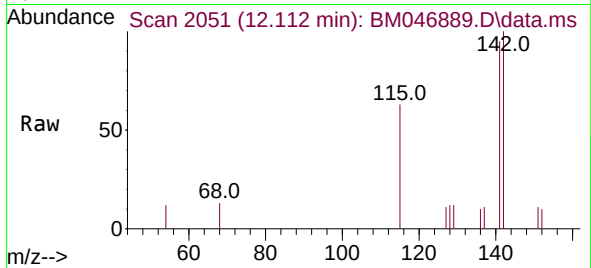
#8
1-Methylnaphthalene
Concen: 0.058 ng/u1
RT: 12.112 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

Instrument :

BNA_M

ClientSampleId :

A4CG6DL



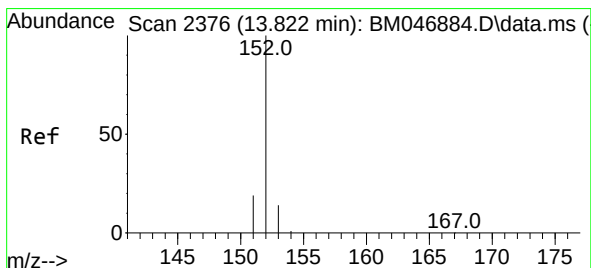
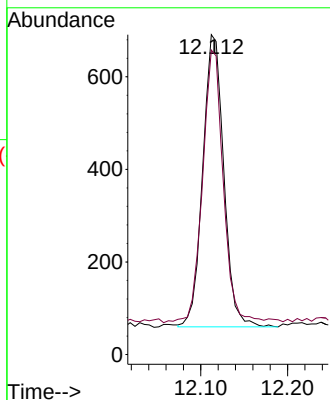
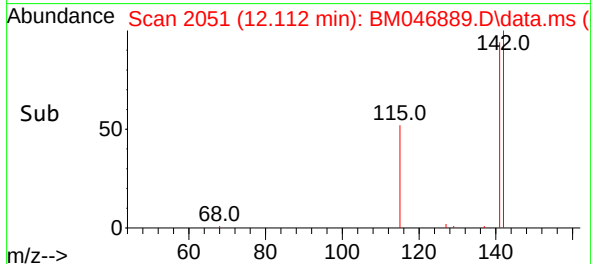
Tgt Ion:142 Resp: 1058
Ion Ratio Lower Upper
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141 91.9 73.1 109.7

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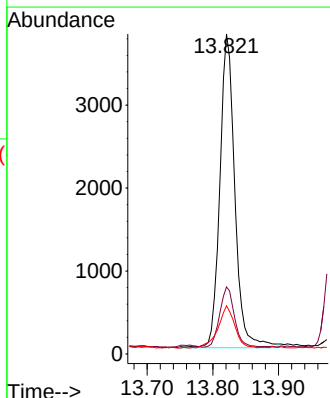
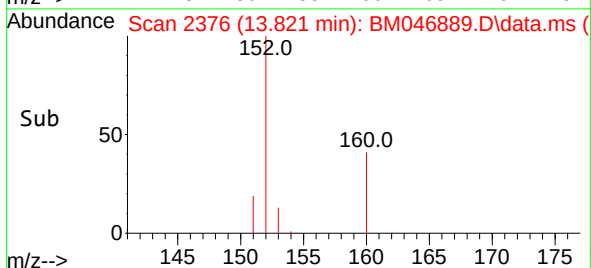
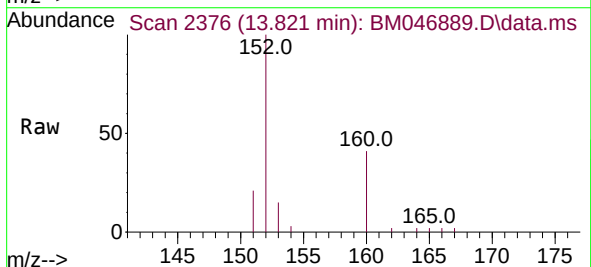
Reviewed By :Yogesh Patel 07/30/2024

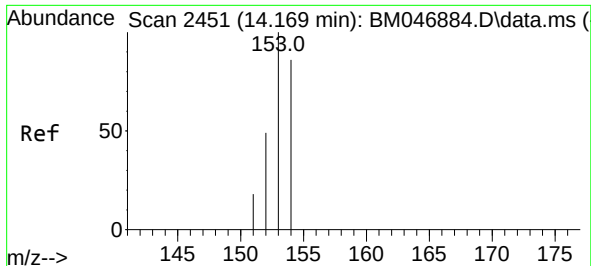
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.212 ng/u1
RT: 13.821 min Scan# 2376
Delta R.T. -0.010 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

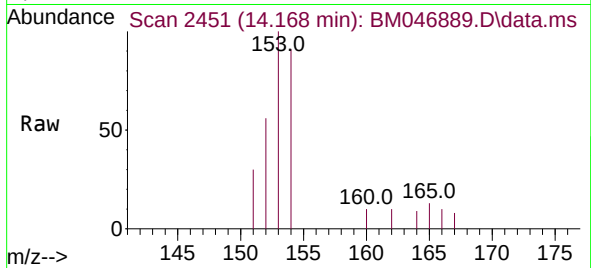
Tgt Ion:152 Resp: 6012
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 15.0 11.0 16.6





#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.015 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

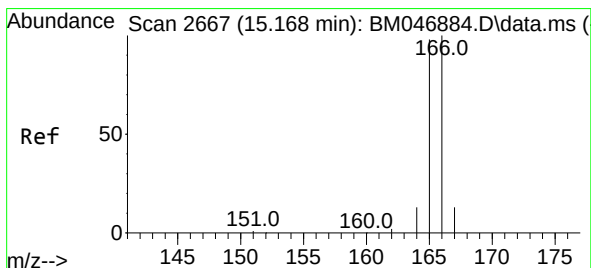
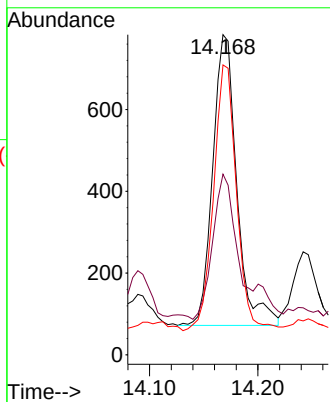
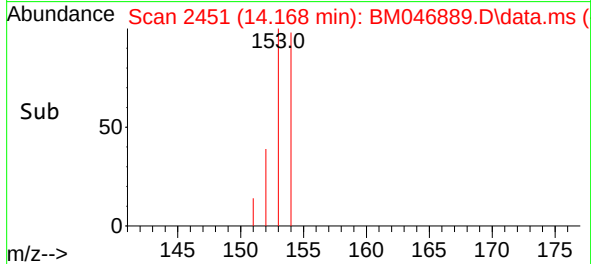
Instrument :
BNA_M
ClientSampleId :
A4CG6DL



Tgt Ion:153 Resp: 1100
Ion Ratio Lower Upper
153 100
152 56.4 38.6 57.8
154 90.5 70.8 106.2

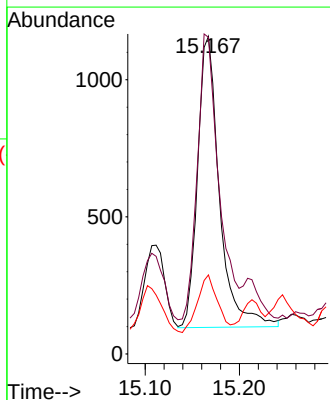
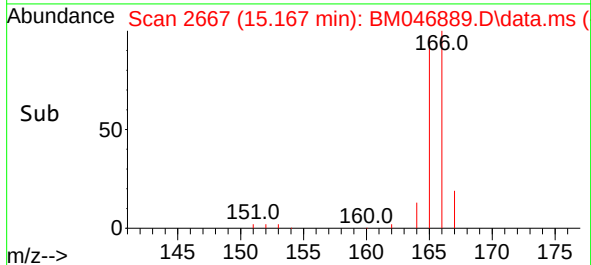
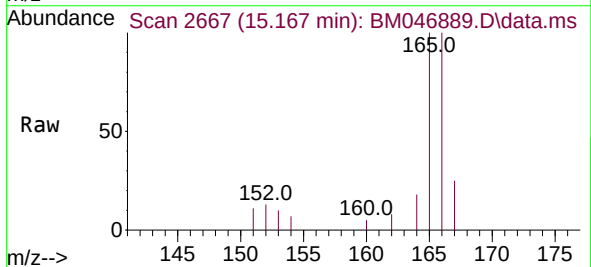
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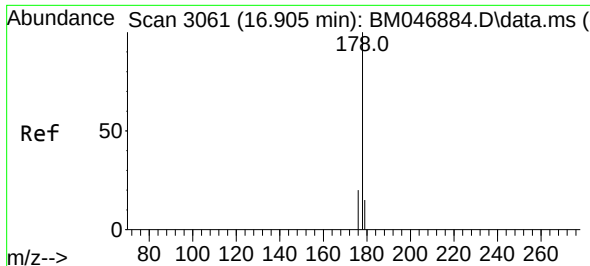
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.010 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

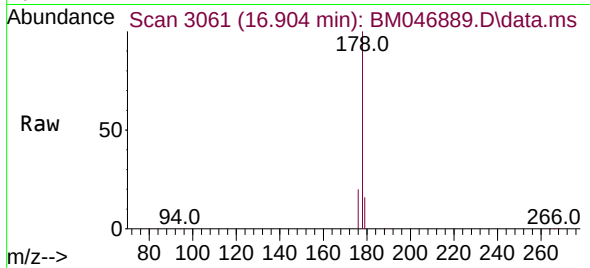
Tgt Ion:166 Resp: 1709
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.6
167 24.9 12.3 18.5#





#15
Phenanthrene
Concen: 1.117 ng/u1
RT: 16.904 min Scan# 3061
Delta R.T. -0.010 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

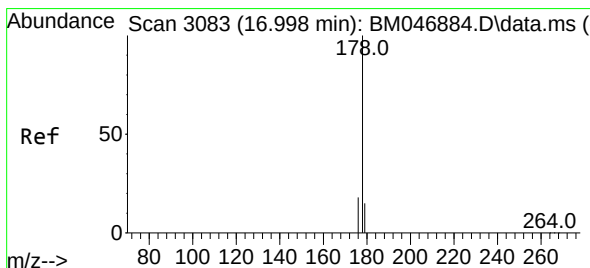
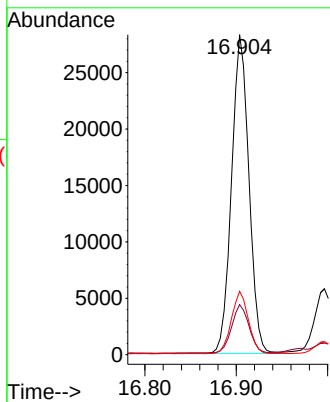
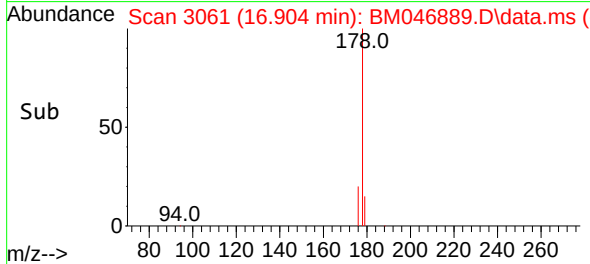
Instrument :
BNA_M
ClientSampleId :
A4CG6DL



Tgt Ion:178 Resp: 37392
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.8 16.1 24.1

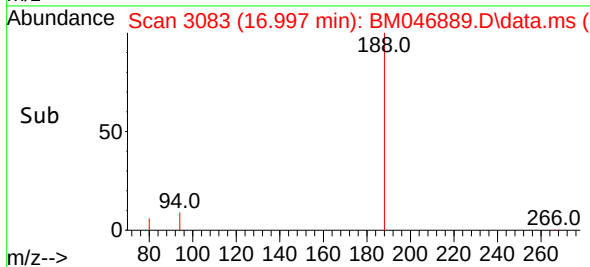
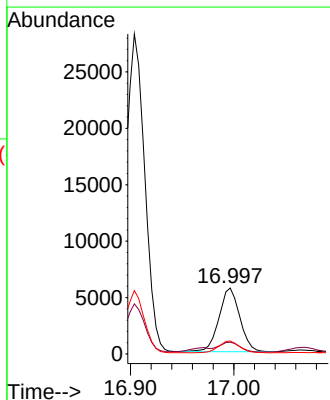
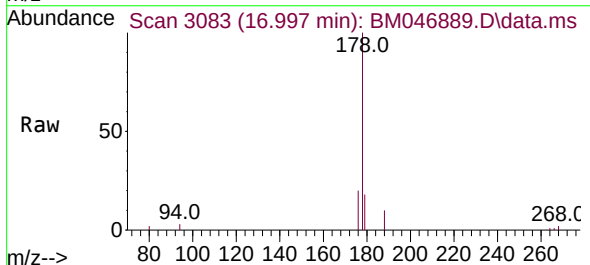
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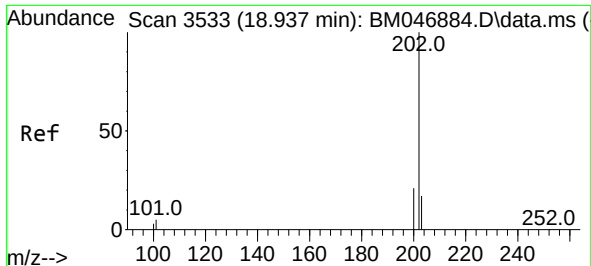
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.254 ng/u1
RT: 16.997 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

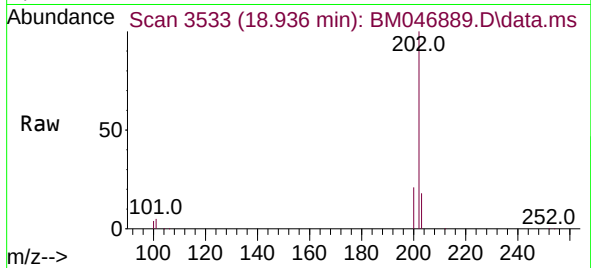
Tgt Ion:178 Resp: 7917
Ion Ratio Lower Upper
178 100
179 17.8 13.1 19.7
176 19.8 15.0 22.6





#19
Fluoranthene
Concen: 2.238 ng/ul
RT: 18.936 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

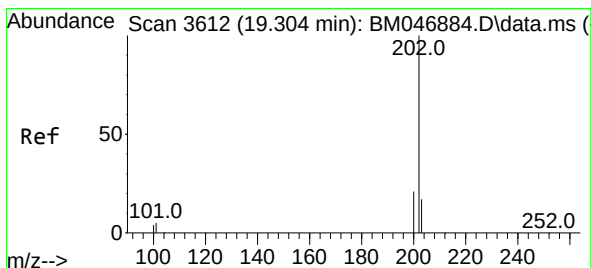
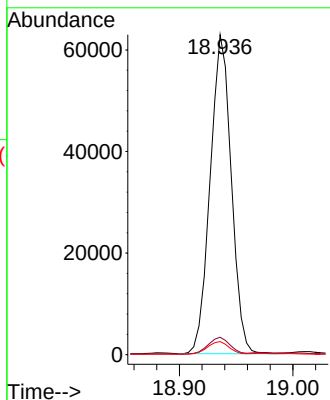
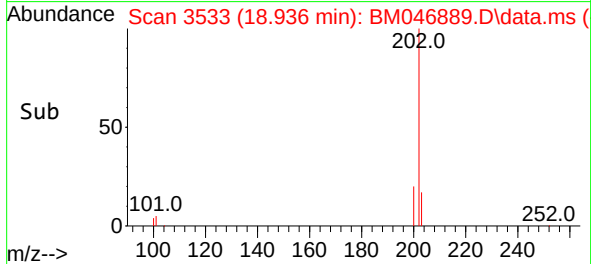
Instrument :
BNA_M
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A4CG6DL



Tgt Ion:202 Resp: 8117
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.1 3.4 5.2

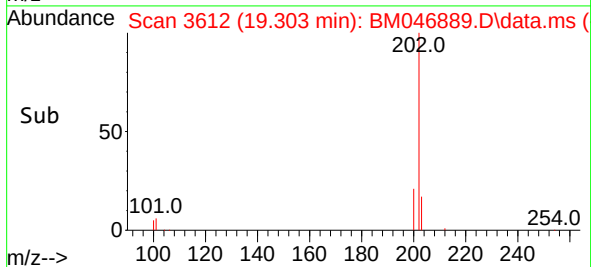
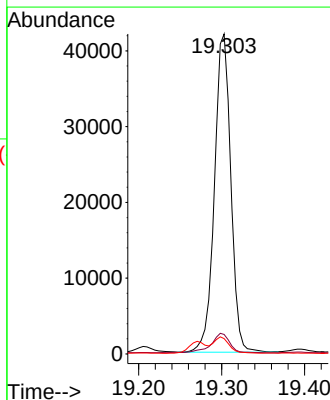
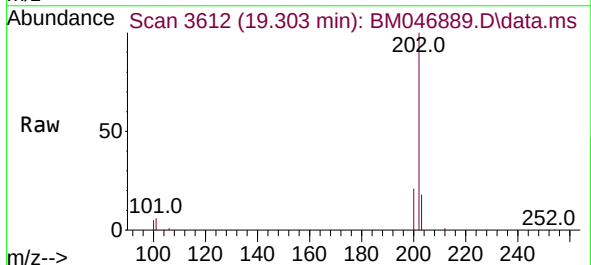
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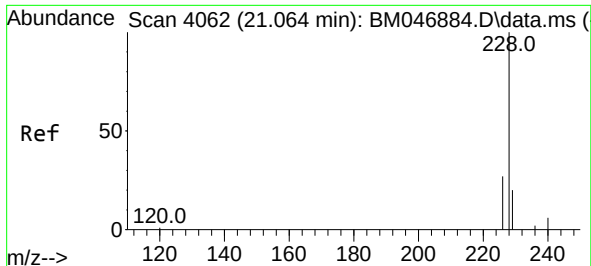
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 1.528 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

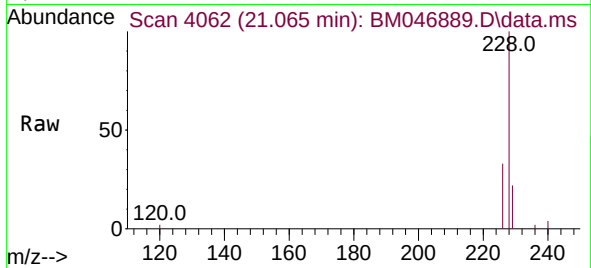
Tgt Ion:202 Resp: 57340
Ion Ratio Lower Upper
202 100
101 6.1 5.2 7.8
100 4.8 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.035 ng/u1
RT: 21.065 min Scan# 4062
Delta R.T. 0.001 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

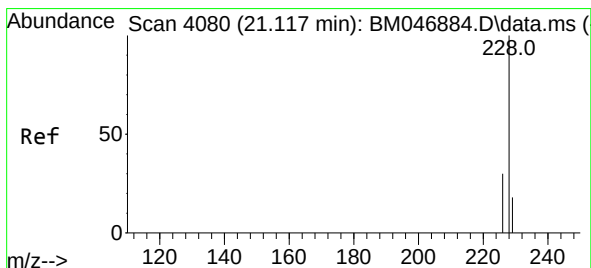
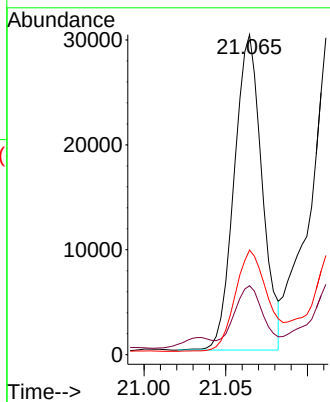
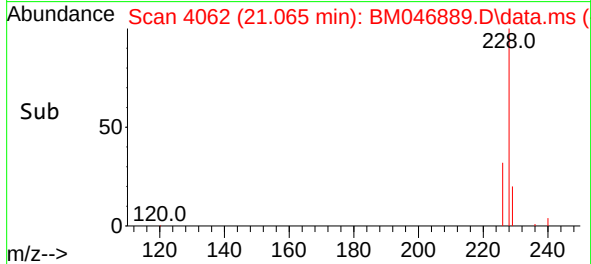
Instrument :
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A4CG6DL



Tgt Ion:228 Resp: 35630
Ion Ratio Lower Upper
228 100
229 21.5 16.3 24.5
226 32.7 22.3 33.5

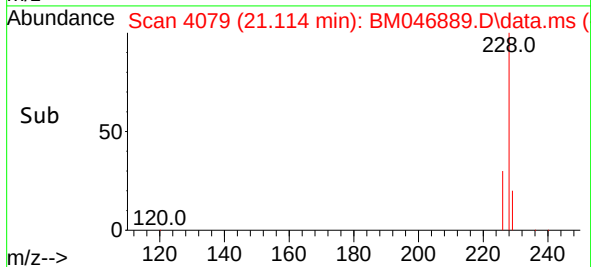
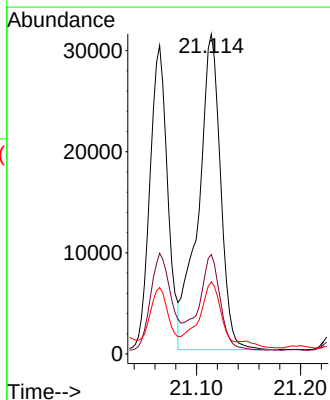
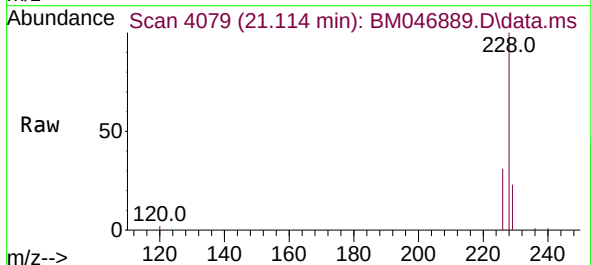
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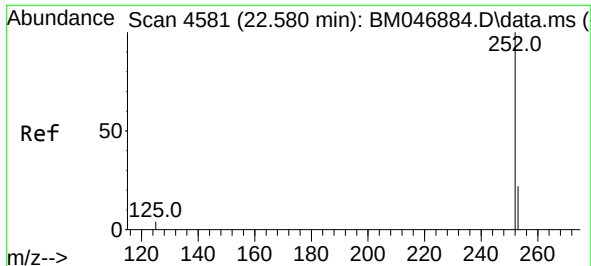
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 1.325 ng/u1
RT: 21.114 min Scan# 4079
Delta R.T. -0.002 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

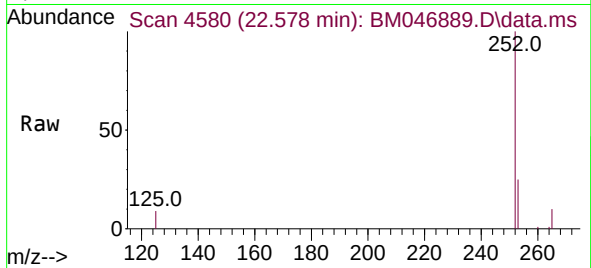
Tgt Ion:228 Resp: 46328
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.736 ng/ul m
RT: 22.578 min Scan# 4581
Delta R.T. -0.002 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

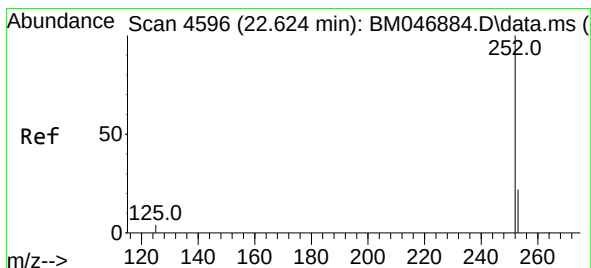
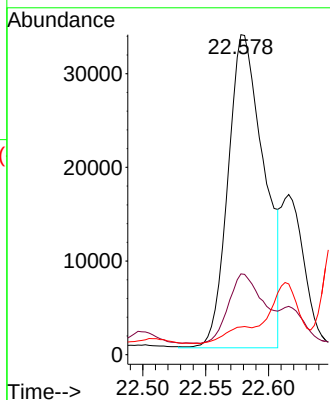
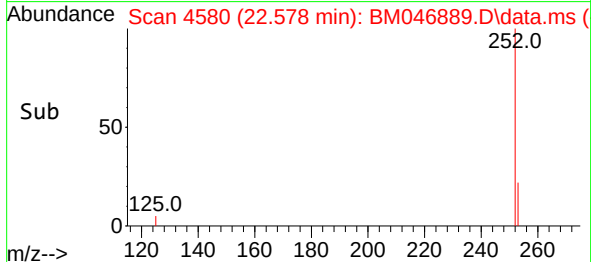
Instrument :
BNA_M
ClientSampleId :
A4CG6DL



Tgt Ion:252 Resp: 6653
Ion Ratio Lower Upper
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125 8.6 0.0 15.8

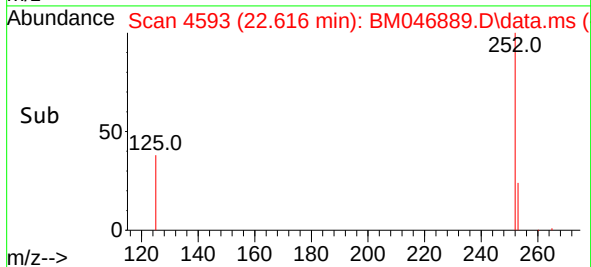
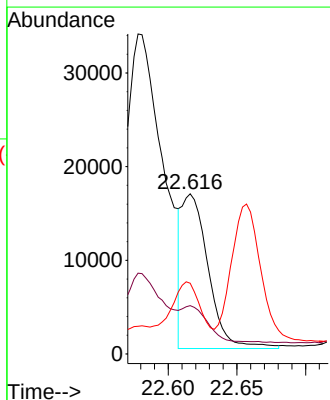
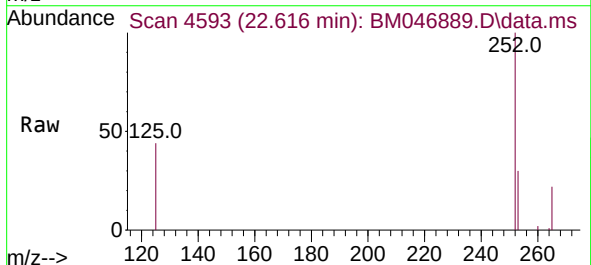
Manual Integrations
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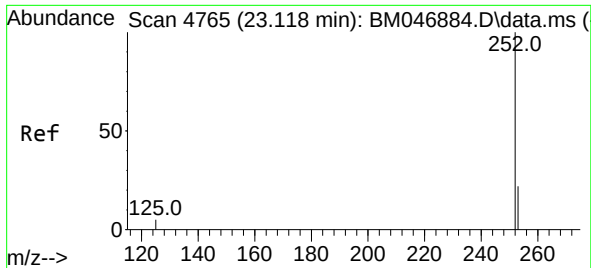
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.575 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.005 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

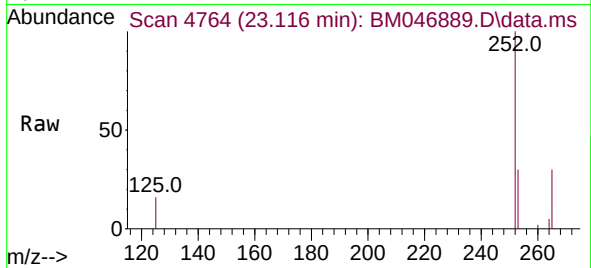
Tgt Ion:252 Resp: 22183
Ion Ratio Lower Upper
252 100
253 30.2 23.5 35.3
125 44.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.715 ng/ul
RT: 23.116 min Scan# 4764
Delta R.T. -0.002 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

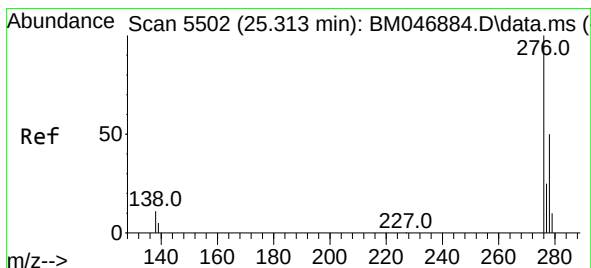
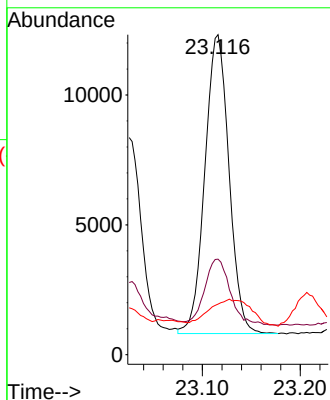
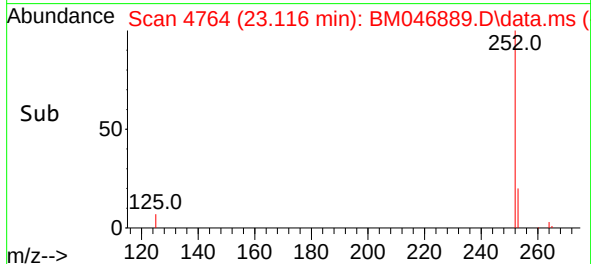
Instrument :
BNA_M
ClientSampleId :
A4CG6DL



Tgt Ion:252 Resp: 1967
Ion Ratio Lower Upper
252 100
253 29.9 26.0 39.0
125 15.8 7.8 11.8

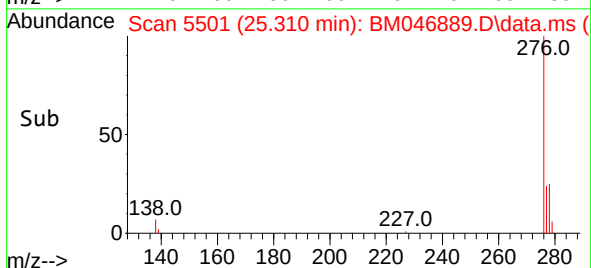
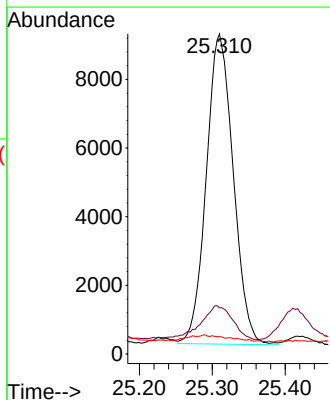
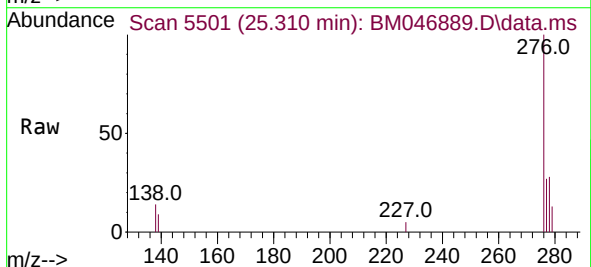
Manual Integrations
APPROVED

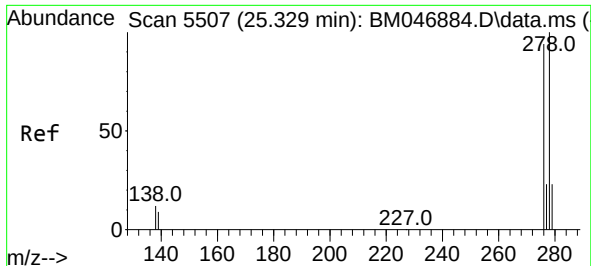
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

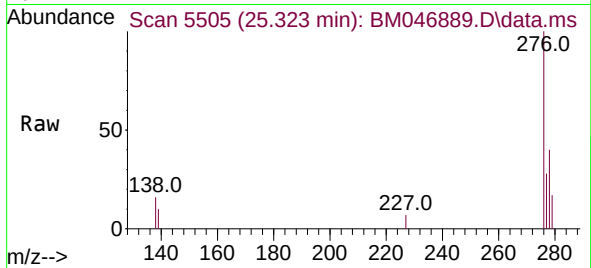
Tgt Ion:276 Resp: 23255
Ion Ratio Lower Upper
276 100
138 13.2 9.7 14.5
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 25.323 min Scan# 5507
Delta R.T. -0.010 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

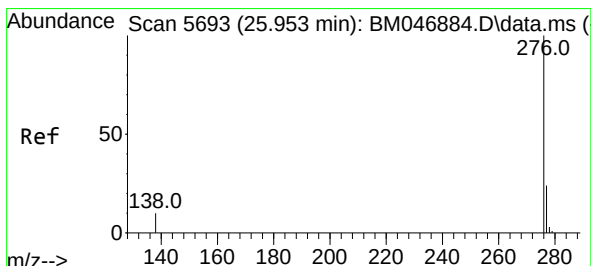
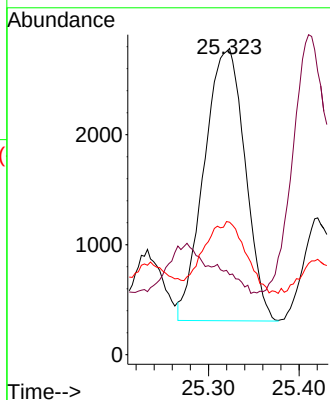
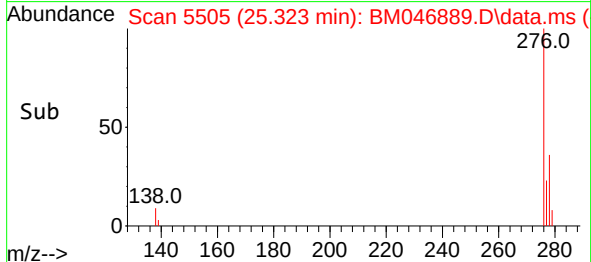
Instrument :
BNA_M
ClientSampleId :
A4CG6DL



Tgt Ion:278 Resp: 7748
Ion Ratio Lower Upper
278 100
139 26.1 9.8 14.8#
279 43.3 25.2 37.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046889.D
Acq: 29 Jul 2024 18:31

Tgt Ion:276 Resp: 3451
Ion Ratio Lower Upper
276 100
138 36.0 9.5 14.3#
277 40.9 20.9 31.3#

