

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046845.D
 Acq On : 27 Jul 2024 00:01
 Operator : MA/JU
 Sample : P3263-06DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 27 00:37:43 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	7.468	152	3193	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	9152	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.113	164	5583	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	10450	0.400	ng/ul	0.00
17) Chrysene-d12	21.078	240	6488	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	7255	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1963	0.878	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	871	0.060	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	1476	0.070	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	1996	0.086	ng/ul#	92
7) 2-Methylnaphthalene	11.899	142	836	0.052	ng/ul	98
8) 1-Methylnaphthalene	12.124	142	556	0.034	ng/ul	98
10) Acenaphthylene	13.827	152	1913	0.075	ng/ul#	89
11) Acenaphthene	14.174	153	1194	0.069	ng/ul	96
12) Fluorene	15.173	166	1940	0.089	ng/ul#	98
15) Phenanthrene	16.909	178	30453	1.014	ng/ul	98
16) Anthracene	17.002	178	4778	0.171	ng/ul	96
19) Fluoranthene	18.942	202	45313	1.590	ng/ul	99
20) Pyrene	19.304	202	31948	1.084	ng/ul	99
21) Benzo(a)anthracene	21.064	228	16805	0.622	ng/ul	97
22) Chrysene	21.114	228	19100	0.695	ng/ul	98
24) Benzo(b)fluoranthene	22.577	252	23985m	0.753	ng/ul	
25) Benzo(k)fluoranthene	22.615	252	9154m	0.285	ng/ul	
26) Benzo(a)pyrene	23.115	252	8847	0.387	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.309	276	8504	0.242	ng/ul	98
28) Dibenzo(a,h)anthracene	25.316	278	2696	0.105	ng/ul#	49
29) Benzo(g,h,i)perylene	25.946	276	1436	0.046	ng/ul#	42

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

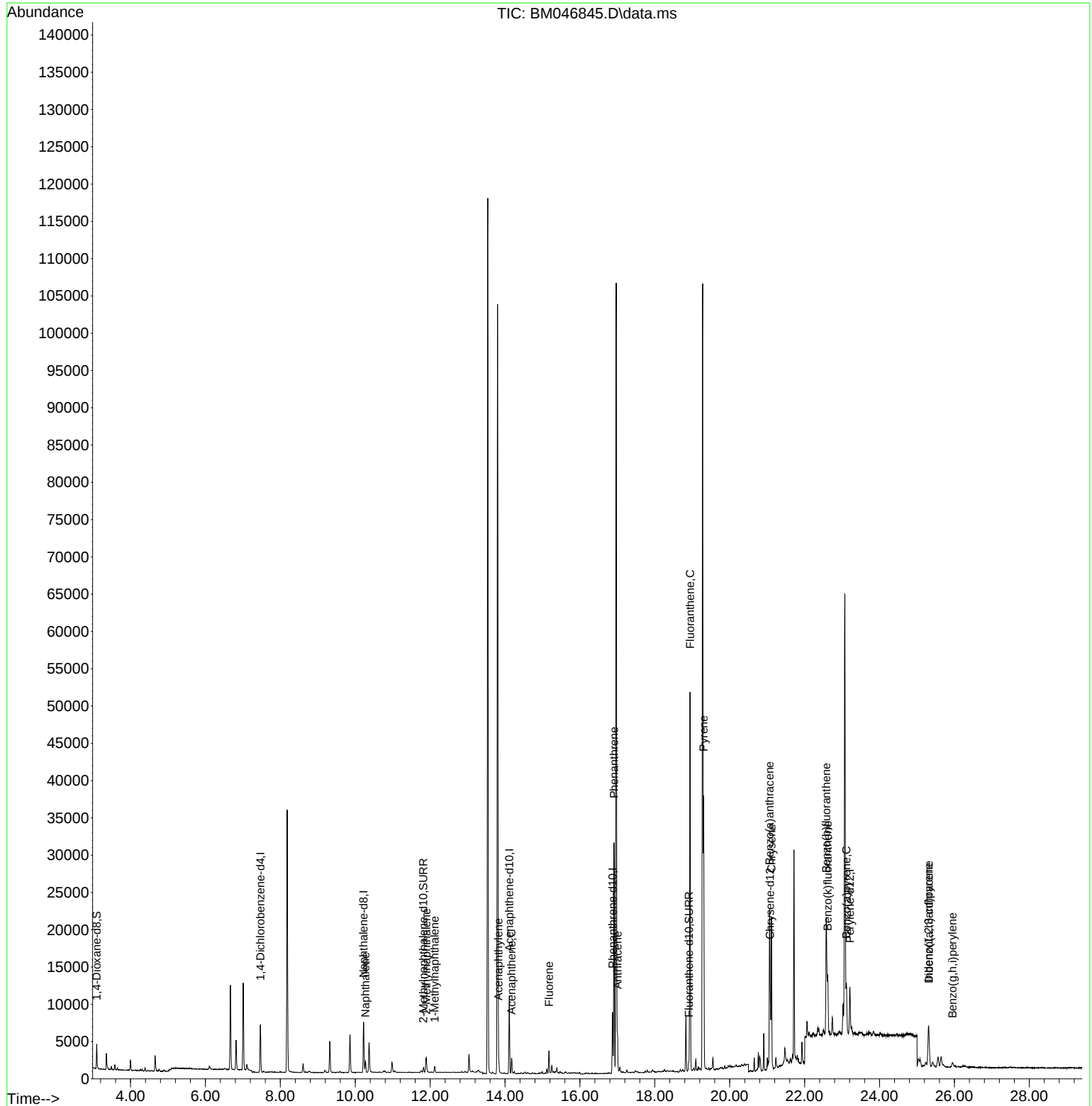
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046845.D
Acq On : 27 Jul 2024 00:01
Operator : MA/JU
Sample : P3263-06DL 5X
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ALS Vial : 25 Sample Multiplier: 1

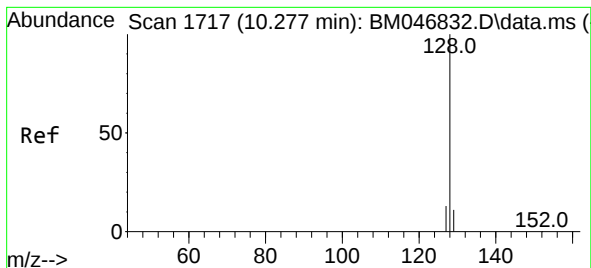
Instrument :
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ClientSampleId :
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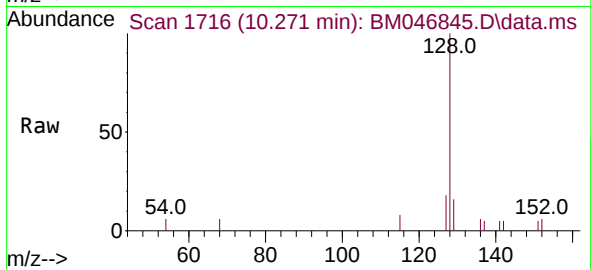
Quant Time: Jul 27 00:37:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.271 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

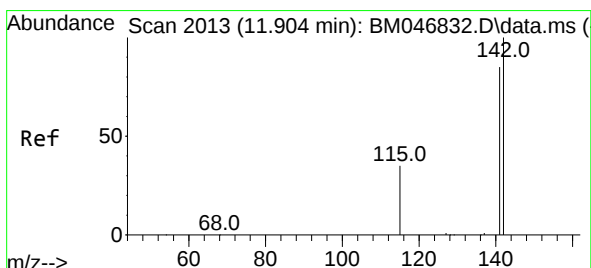
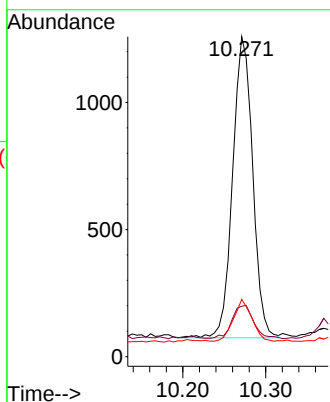
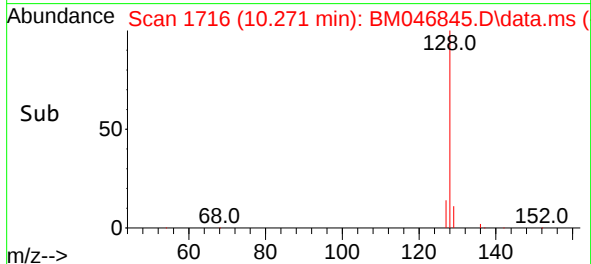
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



Tgt Ion:128 Resp: 1990
Ion Ratio Lower Upper
128 100
129 15.7 10.1 15.1
127 17.9 11.5 17.3

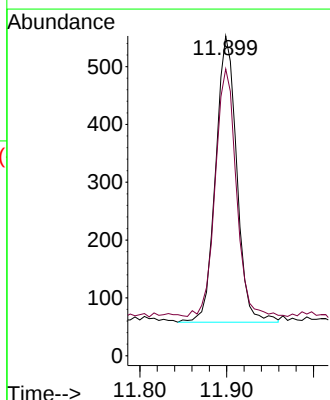
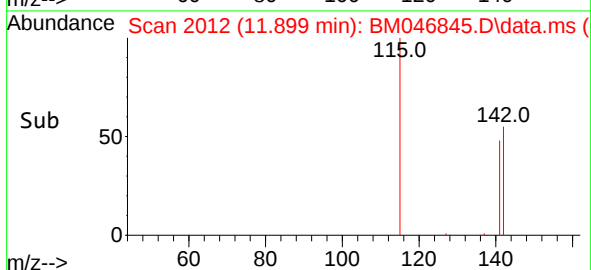
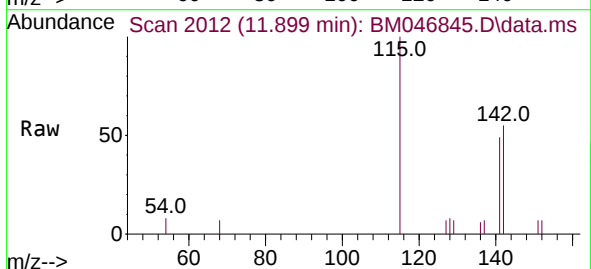
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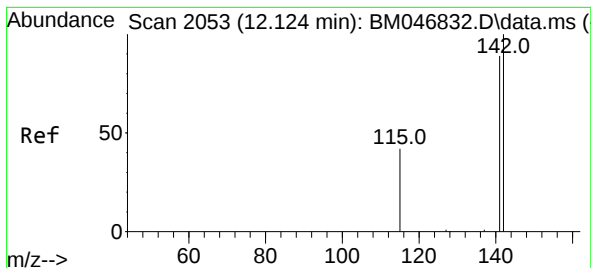
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
142 100
141 86.1 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.124 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BM046845.D

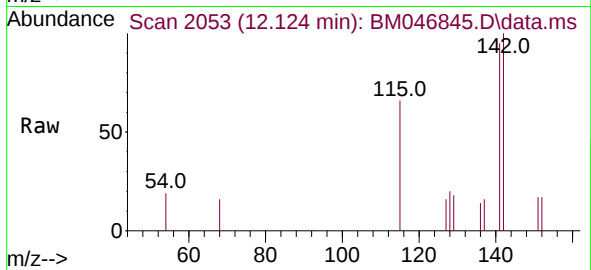
Acq: 27 Jul 2024 00:01

Instrument :

BNA_M

ClientSampleId :

A4BA8DL



Tgt Ion:142 Resp: 550

Ion Ratio Lower Upper

142 100

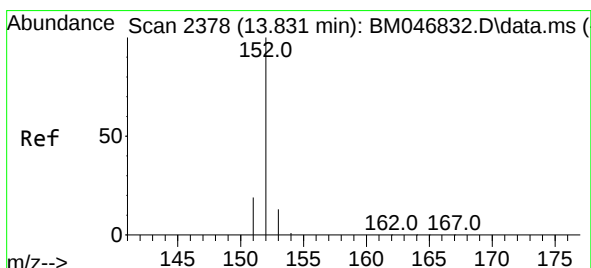
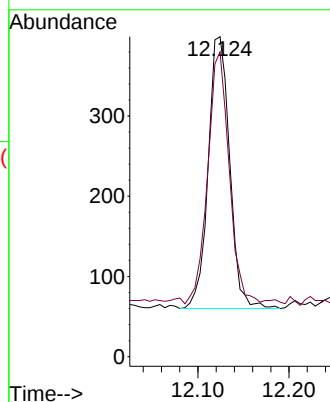
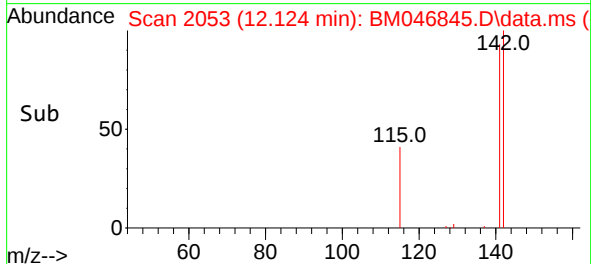
141 93.0 73.1 109.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.075 ng/ul

RT: 13.827 min Scan# 2377

Delta R.T. -0.005 min

Lab File: BM046845.D

Acq: 27 Jul 2024 00:01

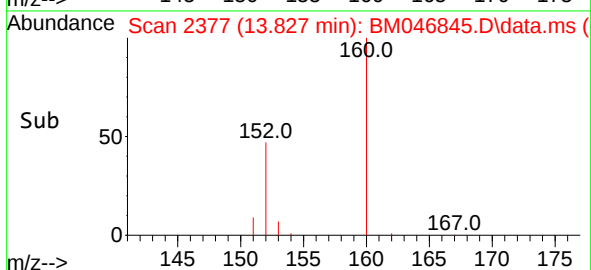
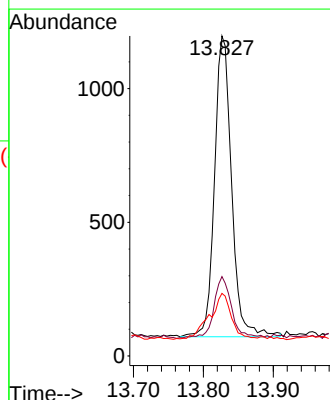
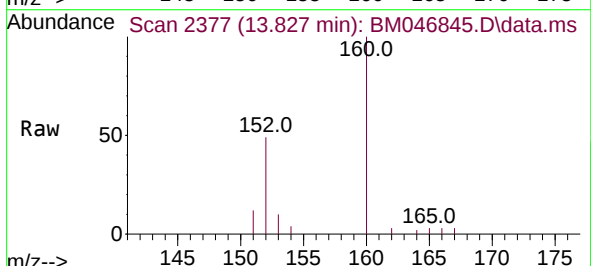
Tgt Ion:152 Resp: 1913

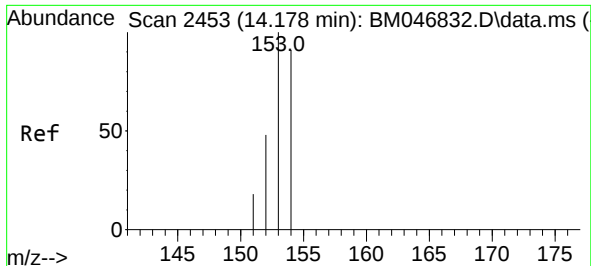
Ion Ratio Lower Upper

152 100

151 24.8 16.8 25.2

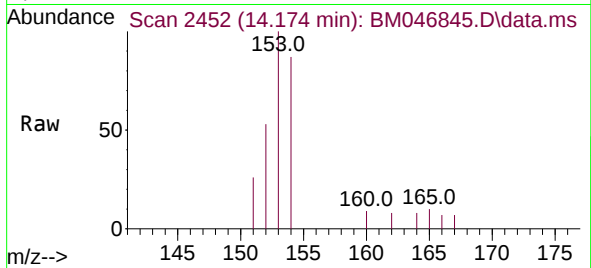
153 19.5 11.0 16.6#





#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

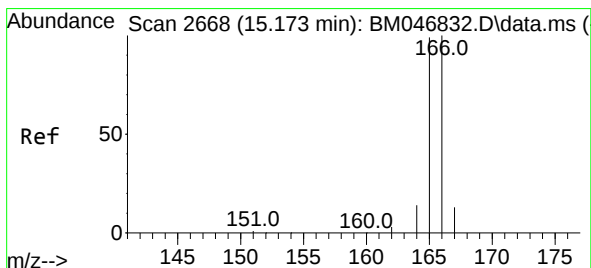
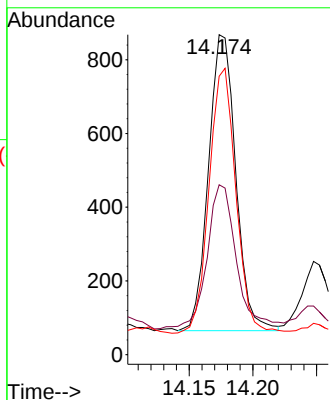
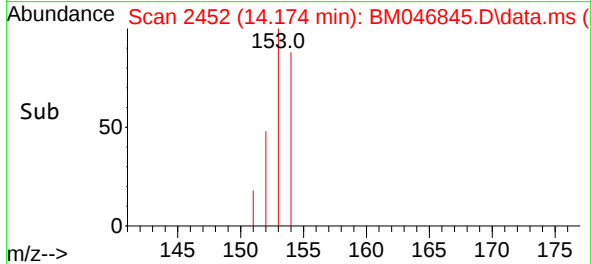
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



Tgt Ion:153 Resp: 1194
Ion Ratio Lower Upper
153 100
152 53.1 38.6 57.8
154 87.0 70.8 106.2

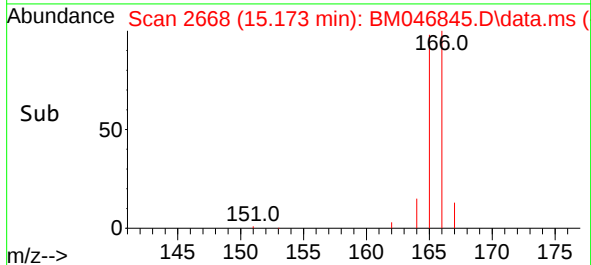
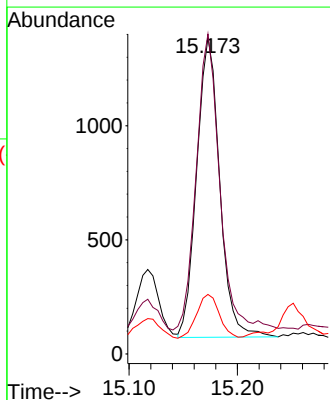
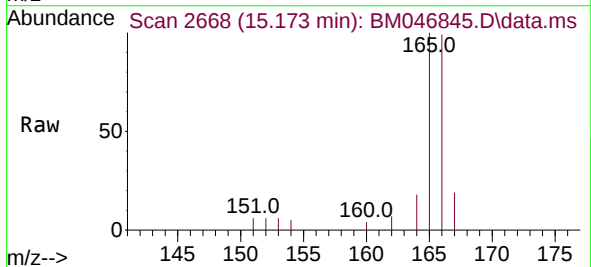
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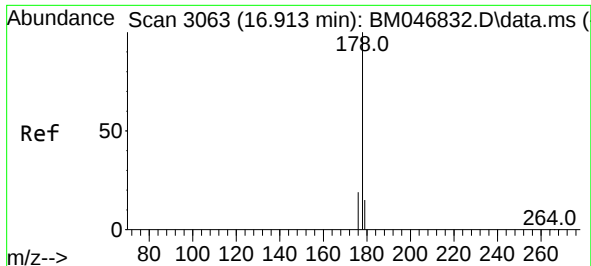
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

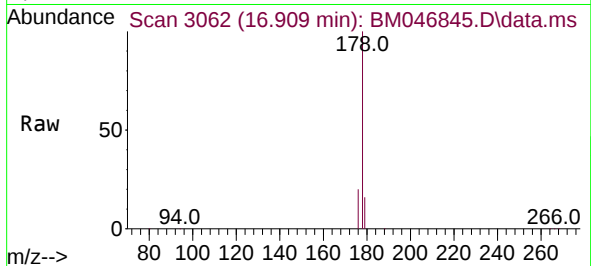
Tgt Ion:166 Resp: 1940
Ion Ratio Lower Upper
166 100
165 101.2 79.8 119.6
167 18.8 12.3 18.5#





#15
Phenanthrene
Concen: 1.014 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

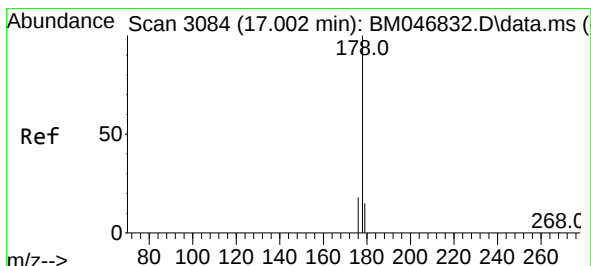
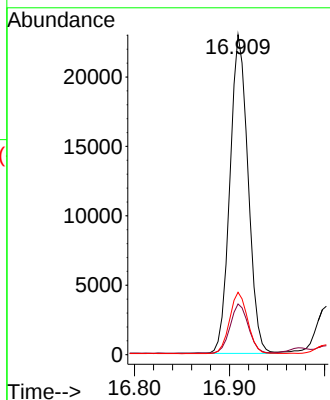
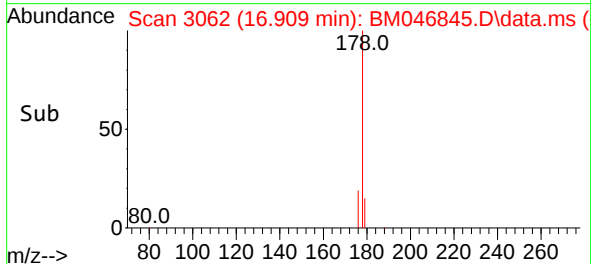
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



Tgt Ion:178 Resp: 3045
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 19.5 16.1 24.1

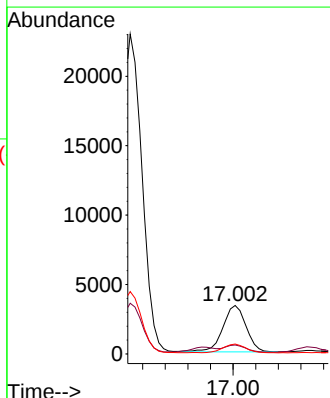
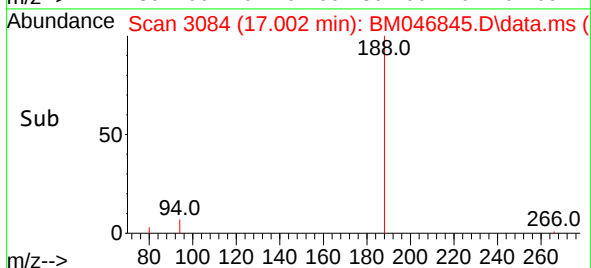
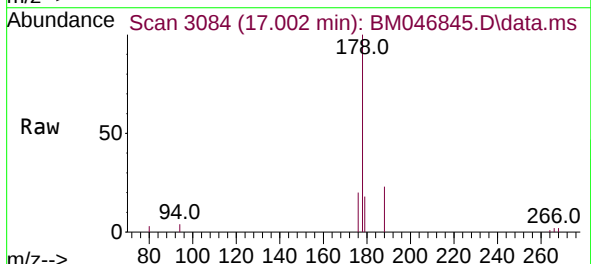
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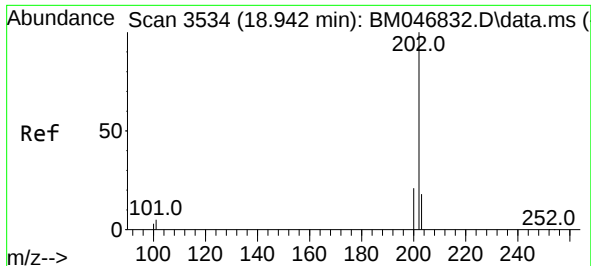
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 0.171 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

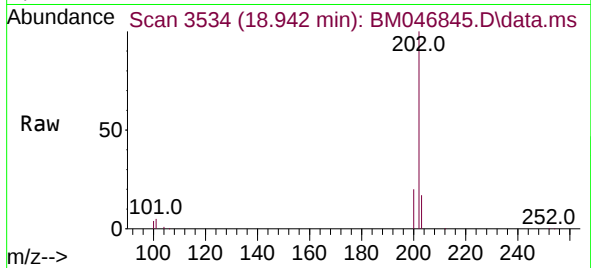
Tgt Ion:178 Resp: 4778
Ion Ratio Lower Upper
178 100
179 18.5 13.1 19.7
176 20.4 15.0 22.6





#19
Fluoranthene
Concen: 1.590 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

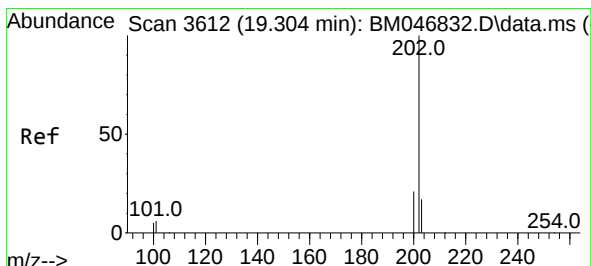
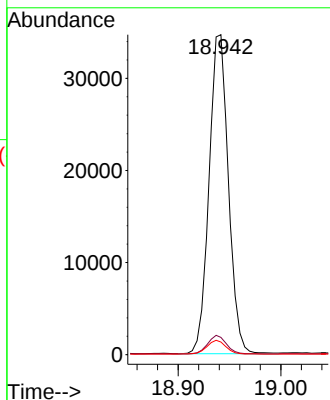
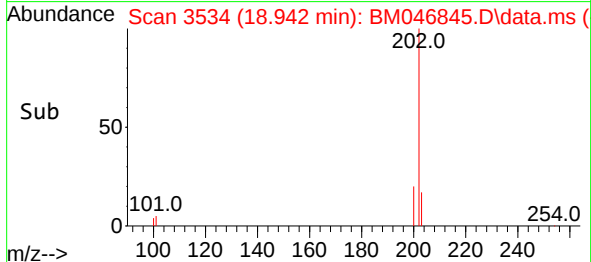
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BNA_M
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A4BA8DL



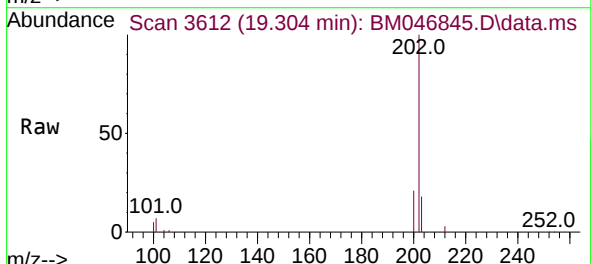
Tgt Ion:202 Resp: 4531
Ion Ratio Lower Upper
202 100
101 5.4 4.7 7.1
100 3.9 3.4 5.2

Manual Integrations
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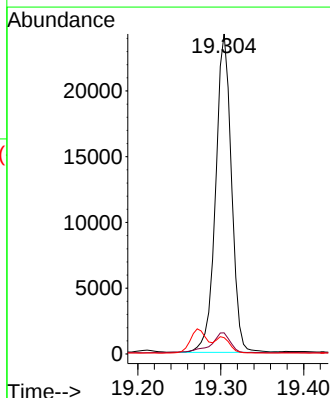
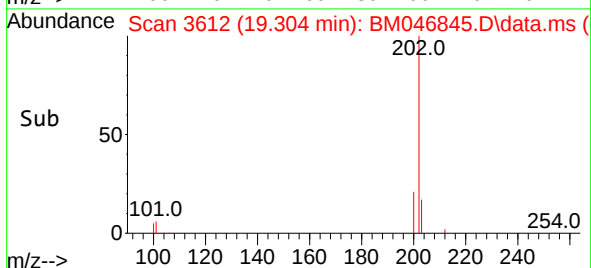
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

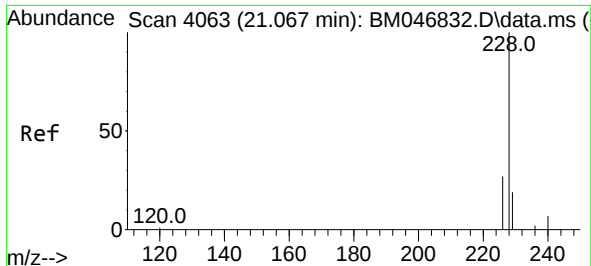


#20
Pyrene
Concen: 1.084 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01



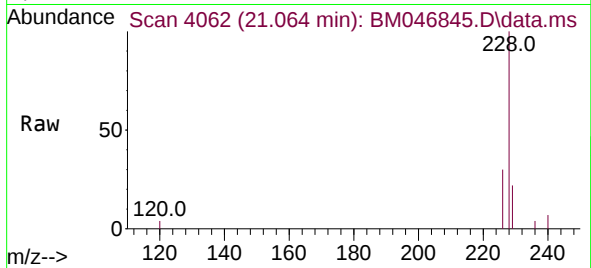
Tgt Ion:202 Resp: 31948
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.1 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.622 ng/ul
RT: 21.064 min Scan# 4063
Delta R.T. -0.000 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

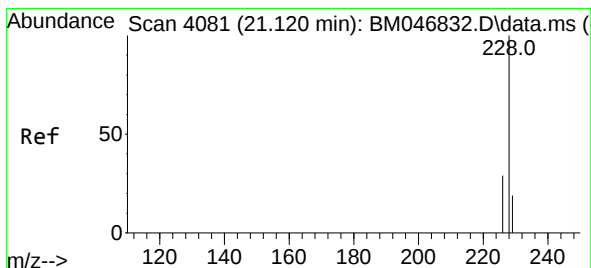
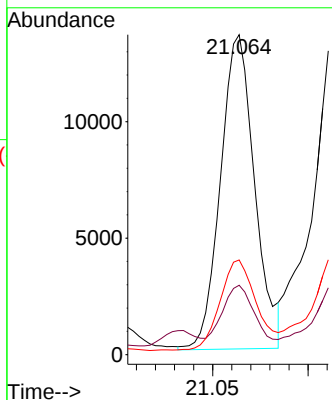
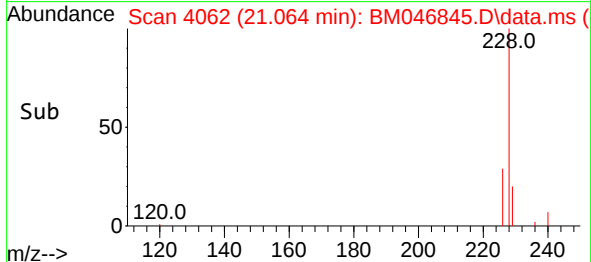
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



Tgt Ion:228 Resp: 1680
Ion Ratio Lower Upper
228 100
229 21.7 16.3 24.5
226 29.6 22.3 33.5

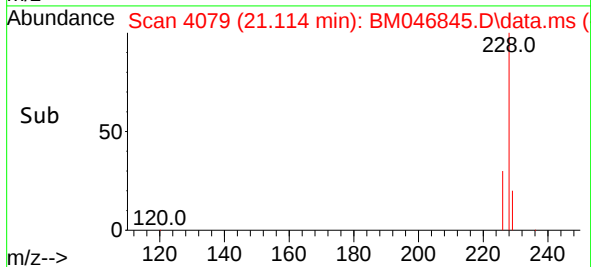
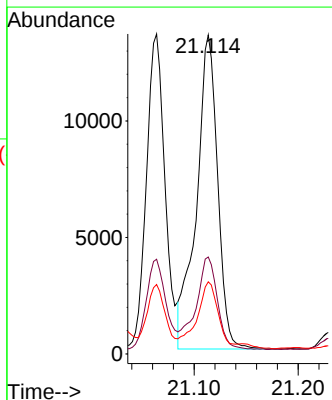
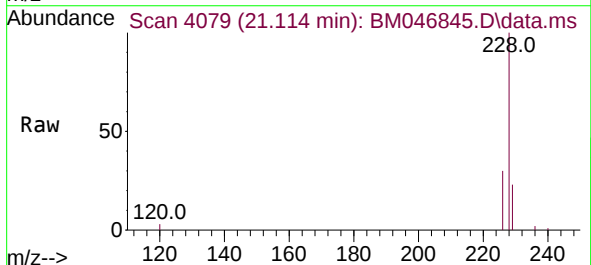
Manual Integrations
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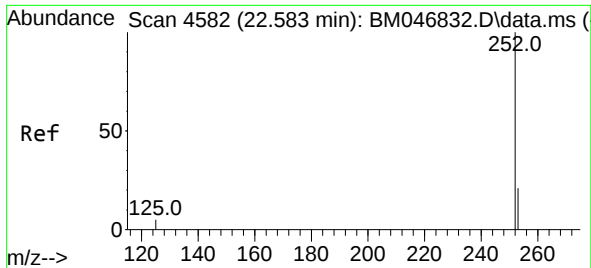
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 0.695 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

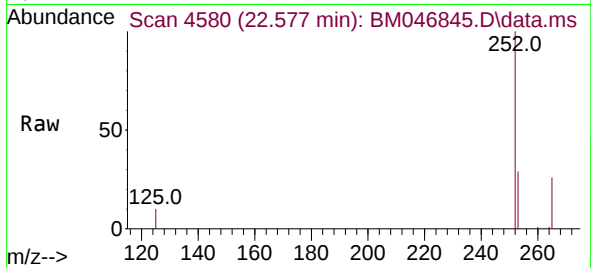
Tgt Ion:228 Resp: 19100
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 22.6 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.753 ng/ul m
RT: 22.577 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

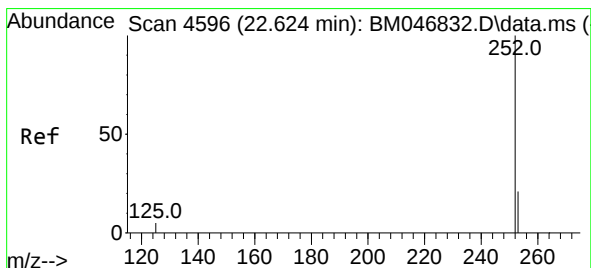
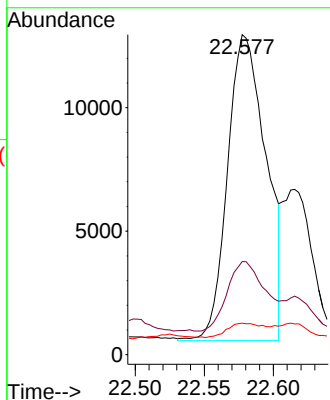
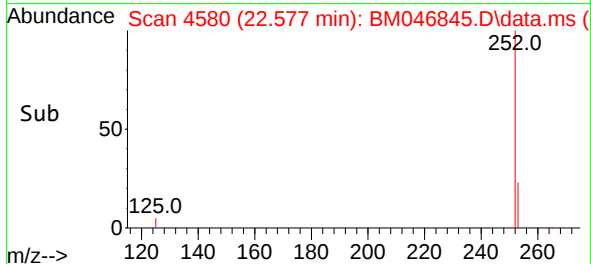
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



Tgt Ion:252 Resp: 2398
Ion Ratio Lower Upper
252 100
253 29.1 0.0 56.4
125 9.8 0.0 15.8

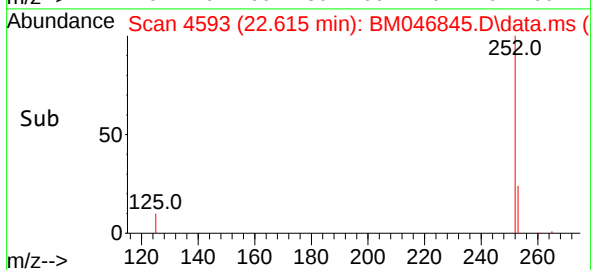
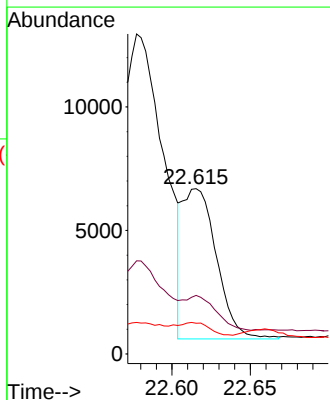
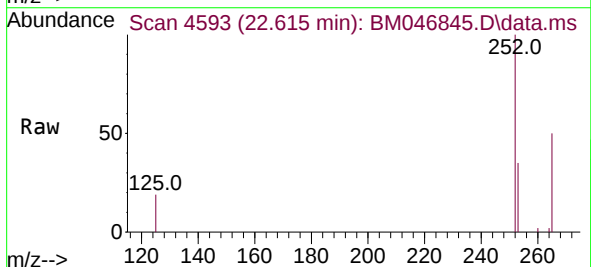
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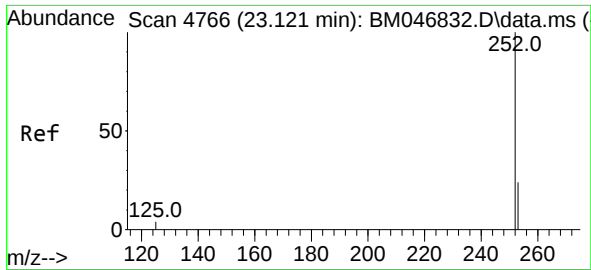
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.285 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

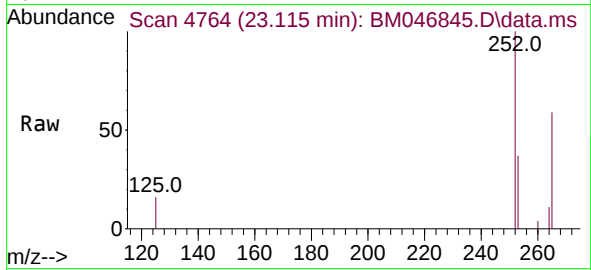
Tgt Ion:252 Resp: 9154
Ion Ratio Lower Upper
252 100
253 35.4 23.5 35.3#
125 18.5 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.115 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

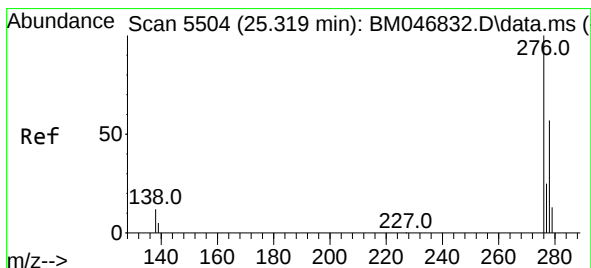
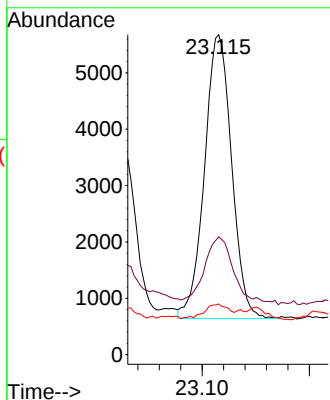
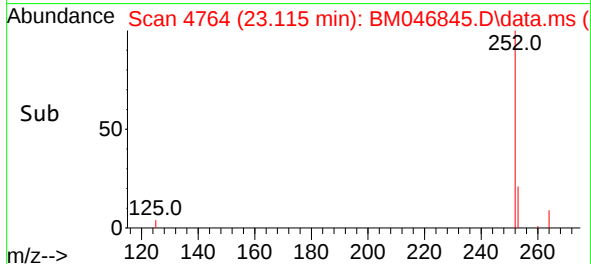
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



Tgt Ion:252 Resp: 884
Ion Ratio Lower Upper
252 100
253 36.8 26.0 39.0
125 15.9 7.8 11.8

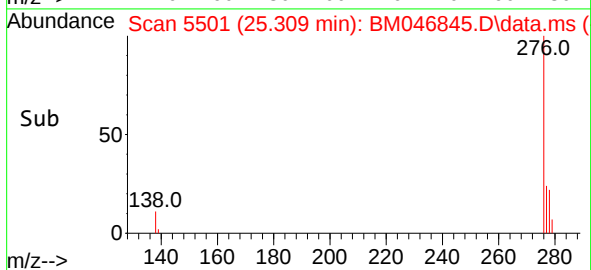
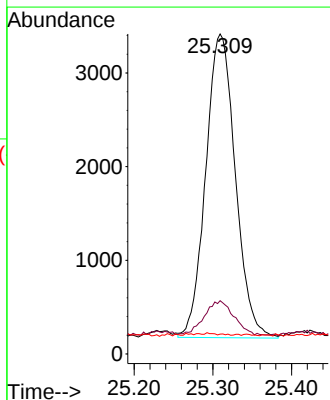
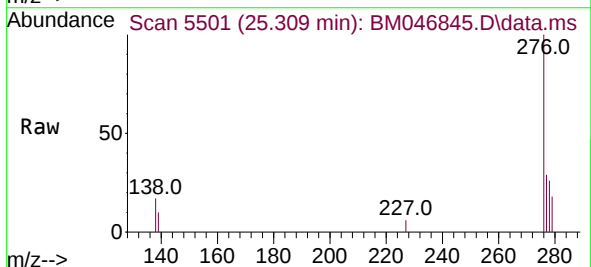
Manual Integrations
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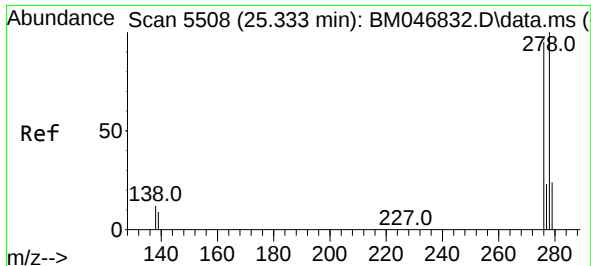
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 25.309 min Scan# 5501
Delta R.T. -0.007 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

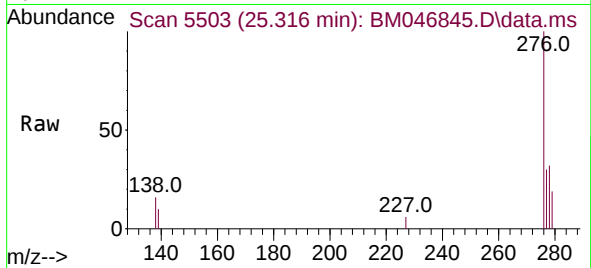
Tgt Ion:276 Resp: 8504
Ion Ratio Lower Upper
276 100
138 11.3 9.7 14.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.316 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01

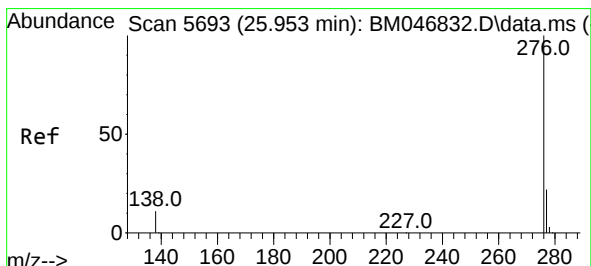
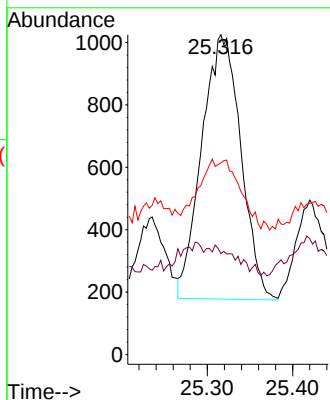
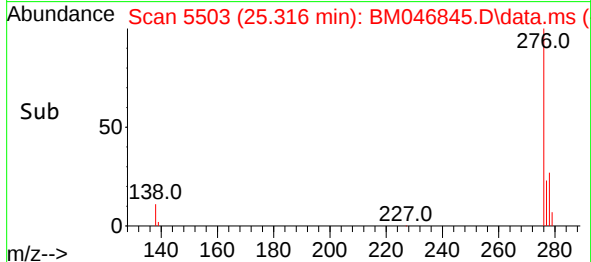
Instrument :
BNA_M
ClientSampleId :
A4BA8DL



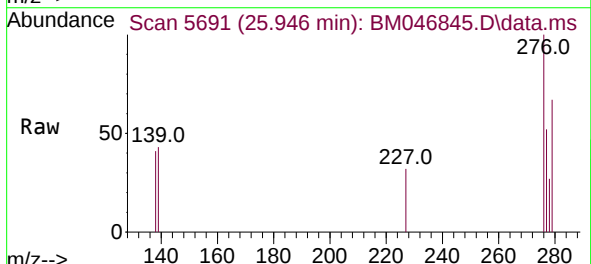
Tgt Ion:278 Resp: 2690
Ion Ratio Lower Upper
278 100
139 31.6 9.8 14.8#
279 59.9 25.2 37.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 25.946 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM046845.D
Acq: 27 Jul 2024 00:01



Tgt Ion:276 Resp: 1436
Ion Ratio Lower Upper
276 100
138 41.2 9.5 14.3#
277 51.7 20.9 31.3#

