

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046765.D
 Acq On : 23 Jul 2024 01:56
 Operator : MA/JU
 Sample : P3201-06DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 02:25:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	3018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	7886	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.123	164	5066	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.879	188	10711	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	9093	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	10278	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1289	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	448	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.918	212	971	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	875	0.044	ng/ul#	83
7) 2-Methylnaphthalene	11.910	142	383	0.027	ng/ul	98
10) Acenaphthylene	13.841	152	1554	0.067	ng/ul#	91
11) Acenaphthene	14.187	153	993	0.064	ng/ul	97
12) Fluorene	15.182	166	1679	0.088	ng/ul#	94
15) Phenanthrene	16.922	178	23240	0.760	ng/ul	99
16) Anthracene	17.010	178	4848	0.163	ng/ul	97
19) Fluoranthene	18.951	202	43060	1.153	ng/ul	99
20) Pyrene	19.313	202	23840	0.590	ng/ul	99
21) Benzo(a)anthracene	21.073	228	19958	0.496	ng/ul	99
22) Chrysene	21.122	228	20119	0.517	ng/ul	98
24) Benzo(b)fluoranthene	22.592	252	26982m	0.657	ng/ul	
25) Benzo(k)fluoranthene	22.624	252	10385m	0.258	ng/ul	
26) Benzo(a)pyrene	23.127	252	6892	0.204	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.329	276	7494	0.146	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.336	278	3542	0.087	ng/ul#	63
29) Benzo(g,h,i)perylene	25.967	276	1307	0.032	ng/ul#	49

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

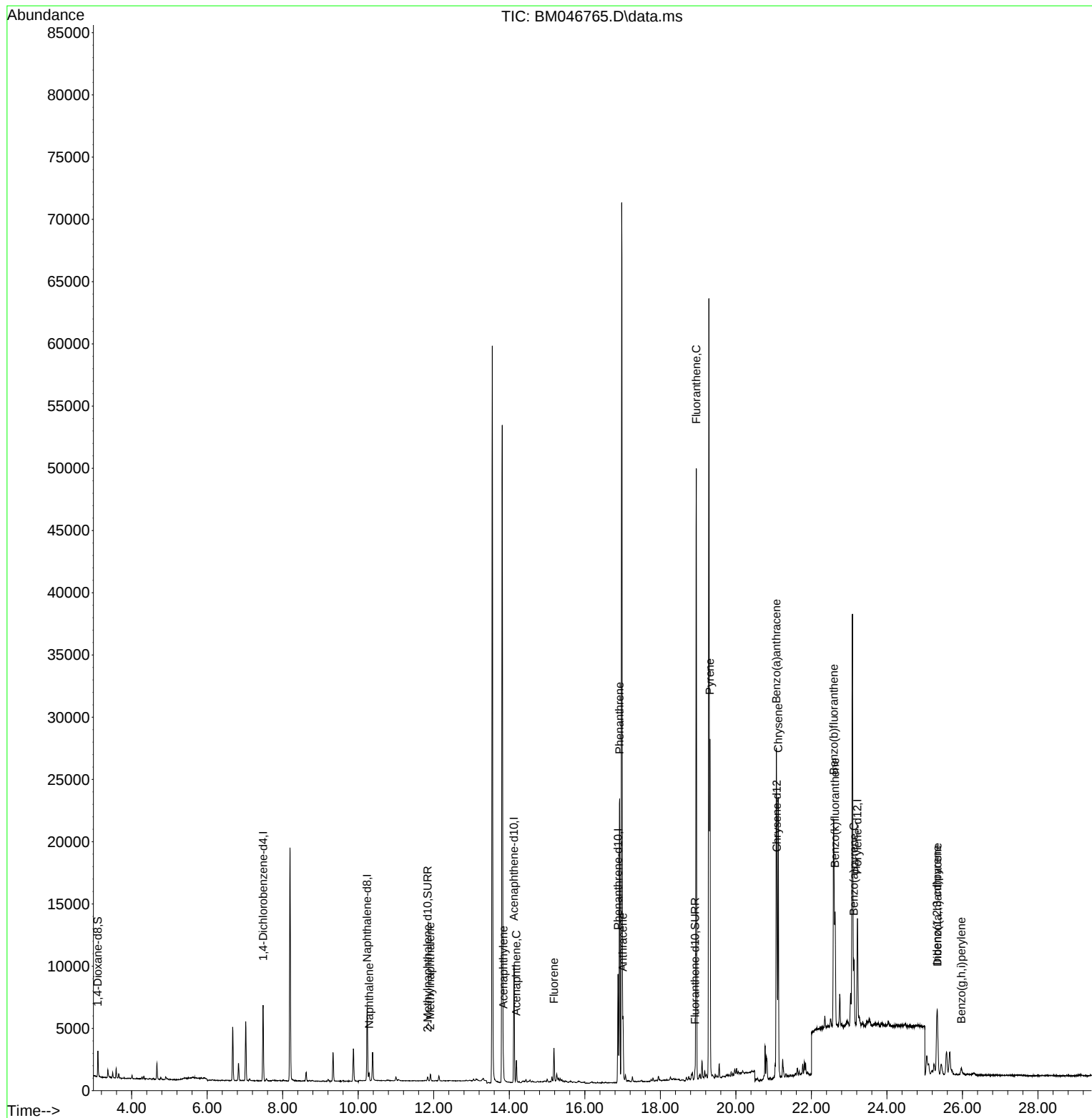
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046765.D
Acq On : 23 Jul 2024 01:56
Operator : MA/JU
Sample : P3201-06DL 5X
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ALS Vial : 22 Sample Multiplier: 1

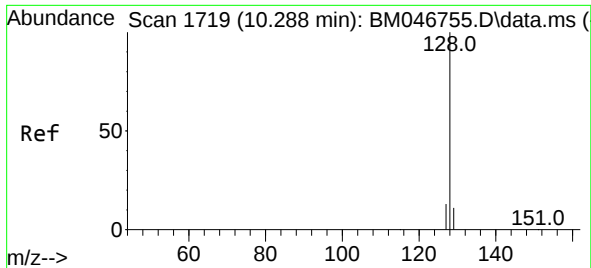
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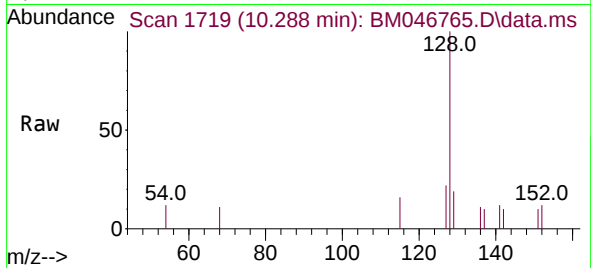
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

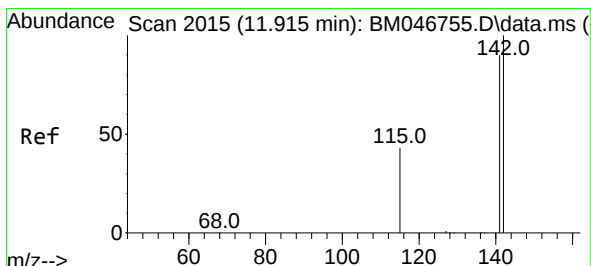
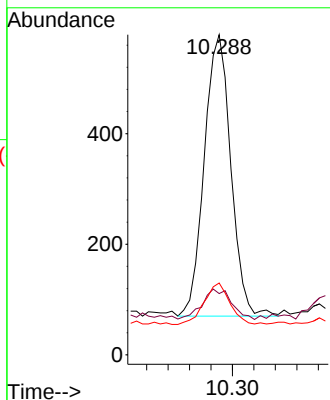
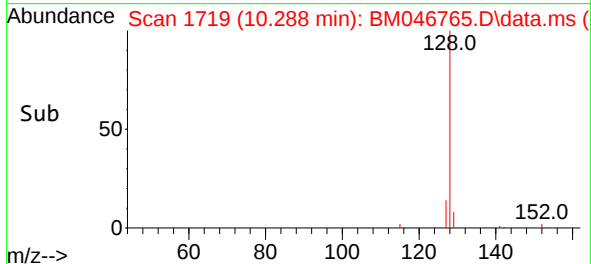
Instrument :
BNA_M
ClientSampleId :
A4BZ4DL



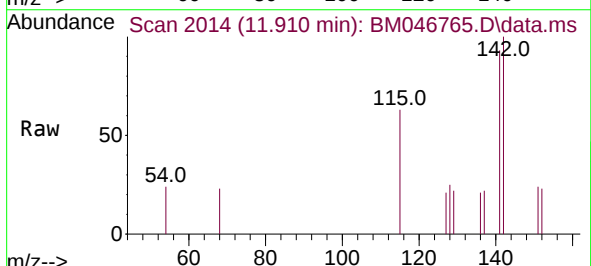
Tgt Ion:128 Resp: 879
Ion Ratio Lower Upper
128 100
129 19.2 10.3 15.5
127 22.5 12.2 18.4

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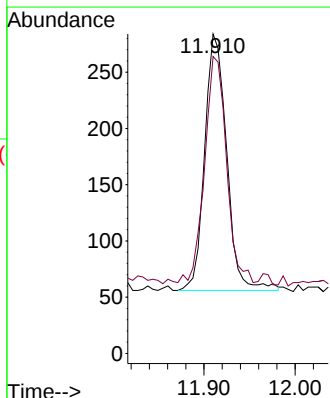
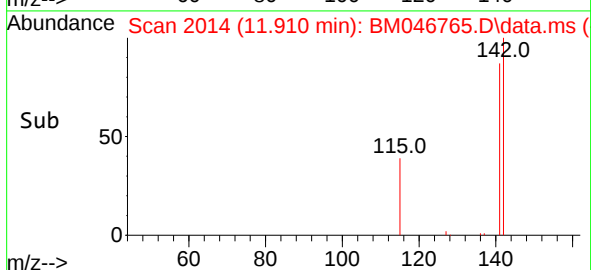
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

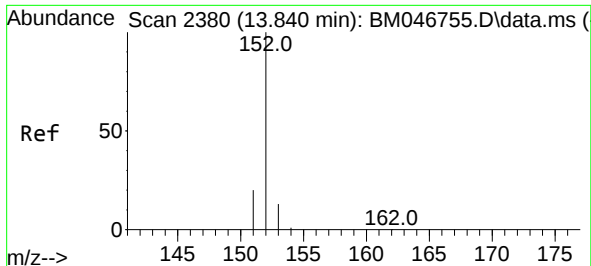


#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56



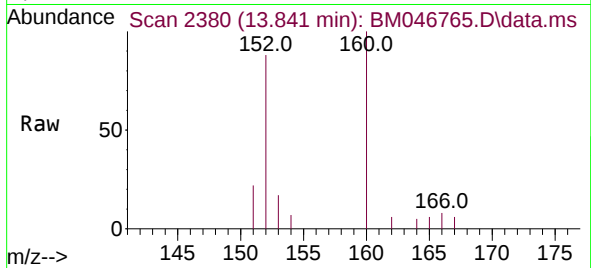
Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5





#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.841 min Scan# 2154
Delta R.T. -0.008 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

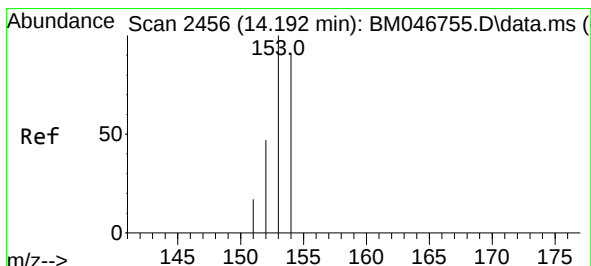
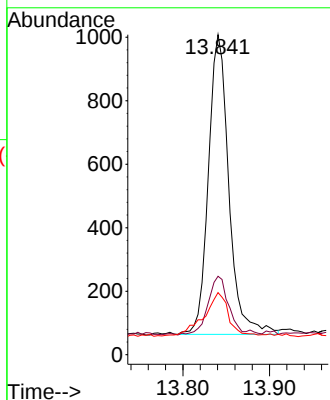
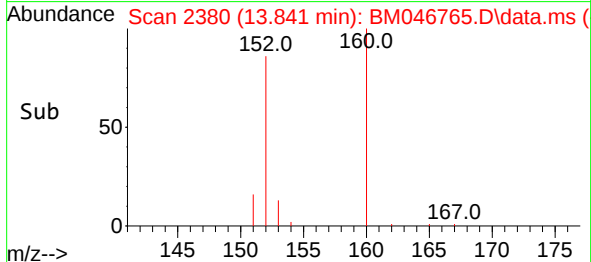
Instrument :
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ClientSampleId :
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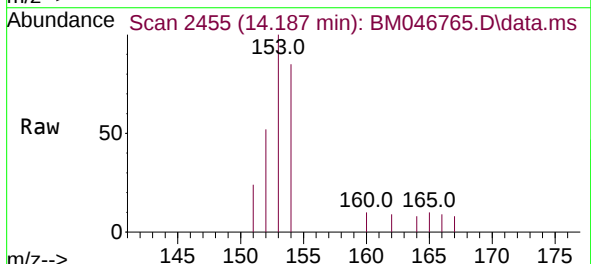
Tgt Ion:152 Resp: 1554
Ion Ratio Lower Upper
152 100
151 24.5 16.4 24.6
153 19.4 12.4 18.6

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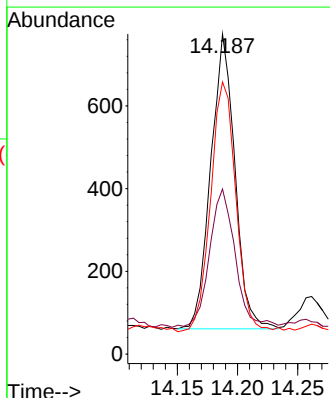
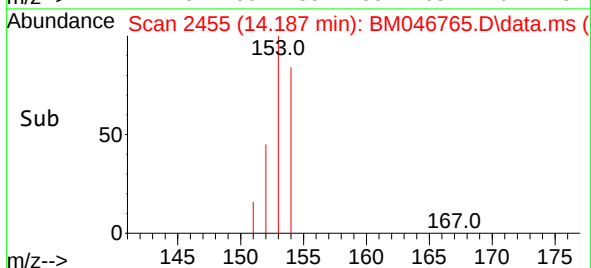
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

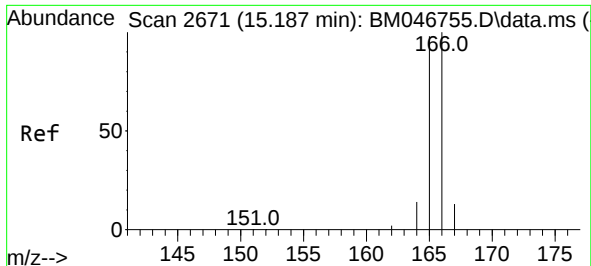


#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.187 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56



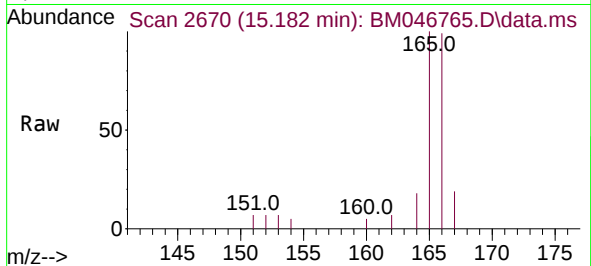
Tgt Ion:153 Resp: 993
Ion Ratio Lower Upper
153 100
152 51.6 43.0 64.6
154 85.0 69.9 104.9





#12
Fluorene
Concen: 0.088 ng/u1
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

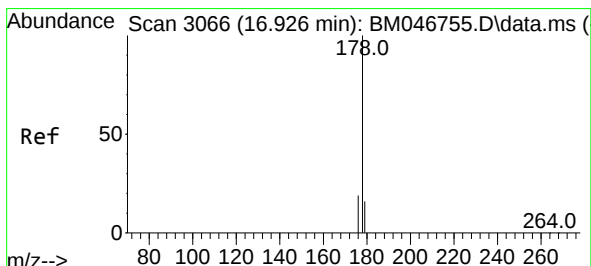
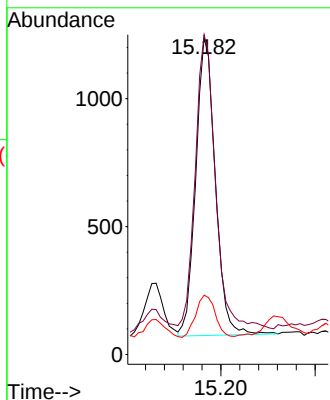
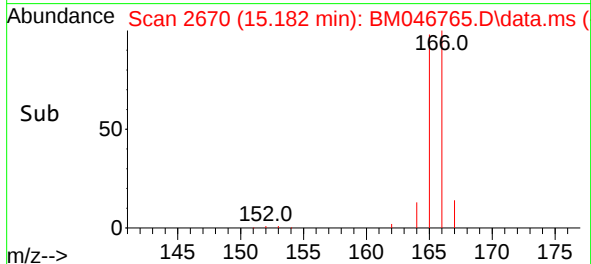
Instrument :
BNA_M
ClientSampleId :
A4BZ4DL



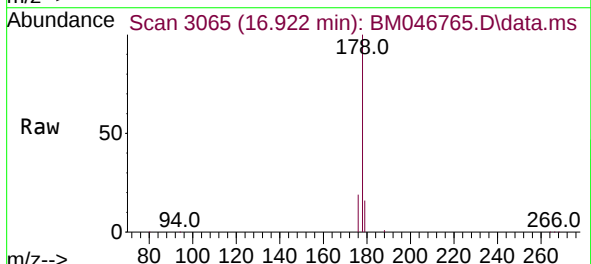
Tgt Ion:166 Resp: 1679
Ion Ratio Lower Upper
166 100
165 100.9 76.1 114.1
167 18.7 12.5 18.7

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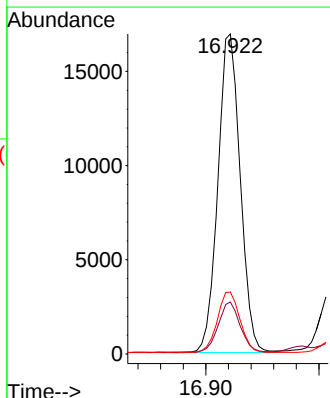
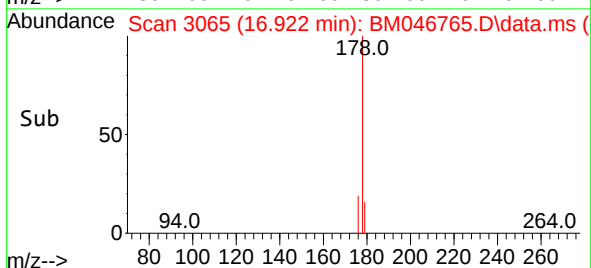
Reviewed By :Yogesh Patel 07/23/2024
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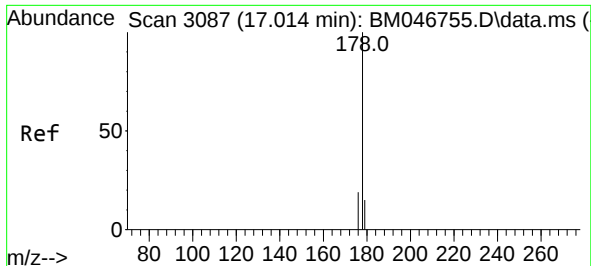


#15
Phenanthrene
Concen: 0.760 ng/u1
RT: 16.922 min Scan# 3065
Delta R.T. -0.003 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56



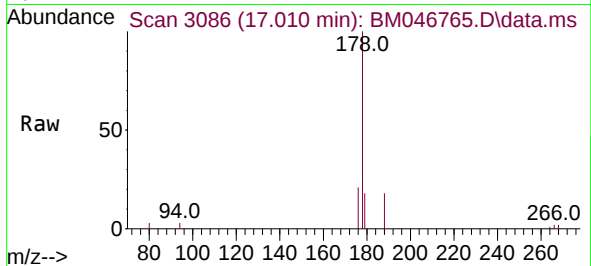
Tgt Ion:178 Resp: 23240
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.3 16.0 24.0





#16
Anthracene
Concen: 0.163 ng/ul
RT: 17.010 min Scan# 3087
Delta R.T. -0.007 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

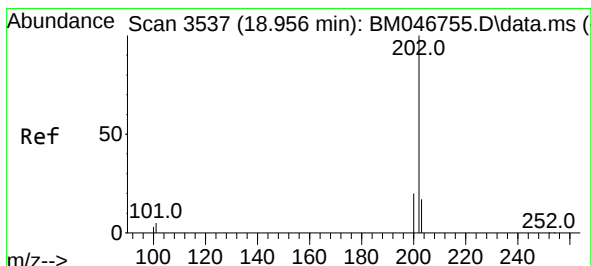
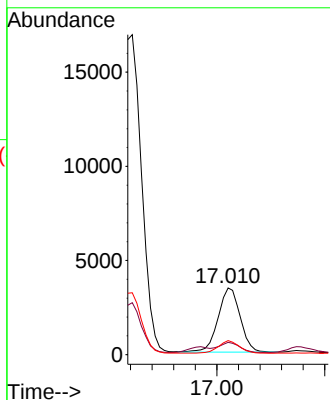
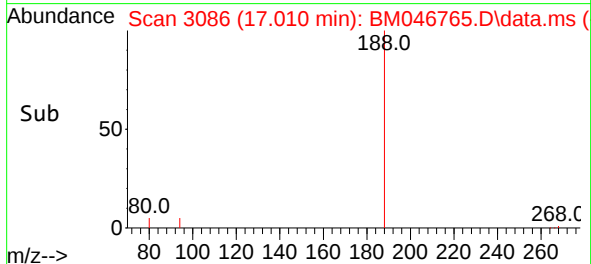
Instrument :
BNA_M
ClientSampleId :
A4BZ4DL



Tgt Ion:178 Resp: 4848
Ion Ratio Lower Upper
178 100
179 18.4 13.5 20.3
176 21.0 15.7 23.5

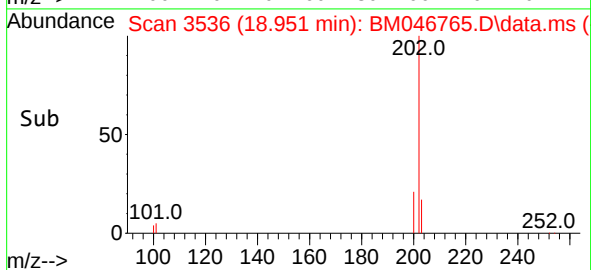
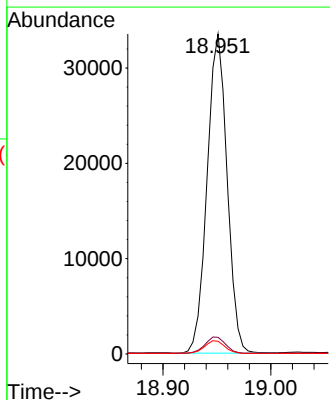
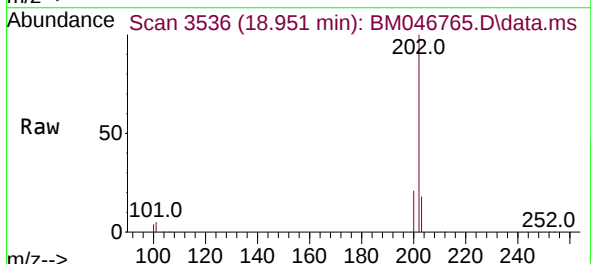
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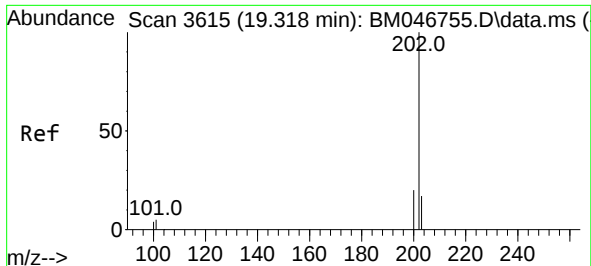
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#19
Fluoranthene
Concen: 1.153 ng/ul
RT: 18.951 min Scan# 3536
Delta R.T. -0.003 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

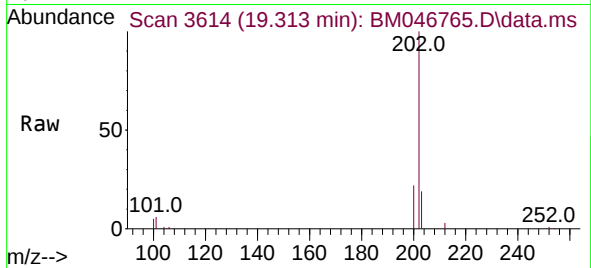
Tgt Ion:202 Resp: 43060
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.0 3.0 4.6





#20
Pyrene
Concen: 0.590 ng/ul
RT: 19.313 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

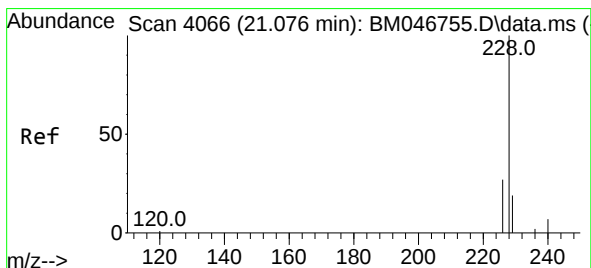
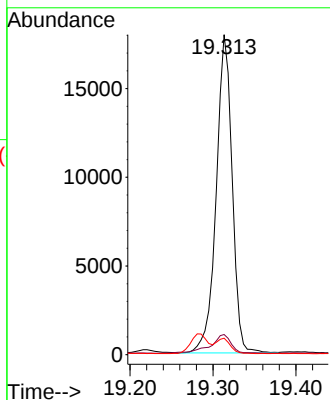
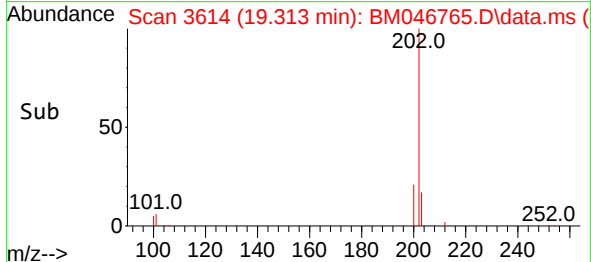
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Tgt Ion:202 Resp: 23840
Ion Ratio Lower Upper
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101 6.3 5.1 7.7
100 5.1 3.8 5.6

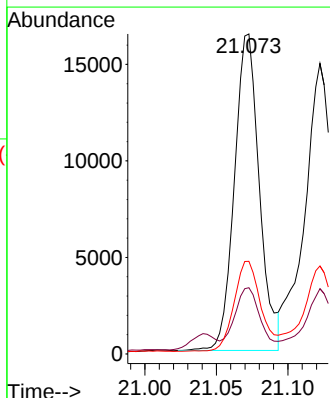
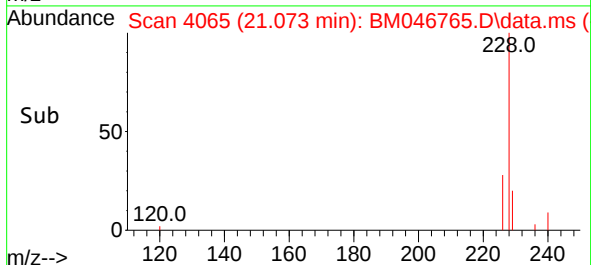
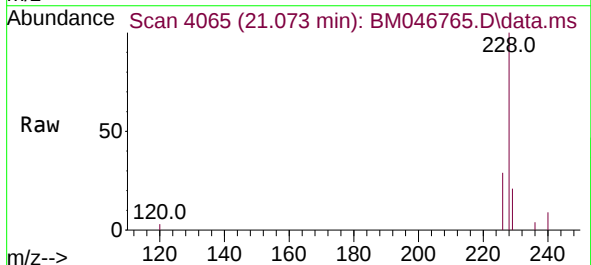
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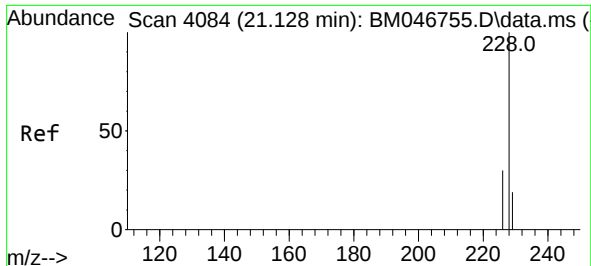
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#21
Benzo(a)anthracene
Concen: 0.496 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

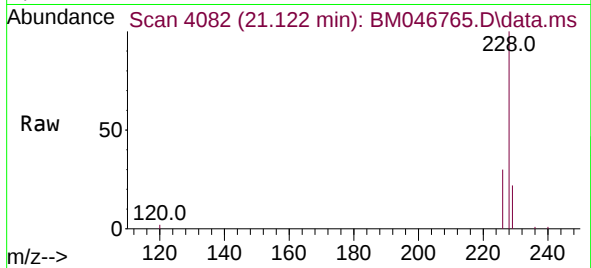
Tgt Ion:228 Resp: 19958
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 28.9 22.5 33.7





#22
Chrysene
Concen: 0.517 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

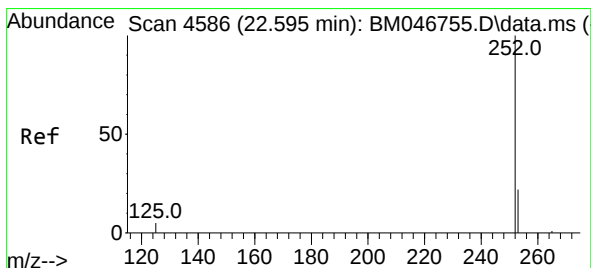
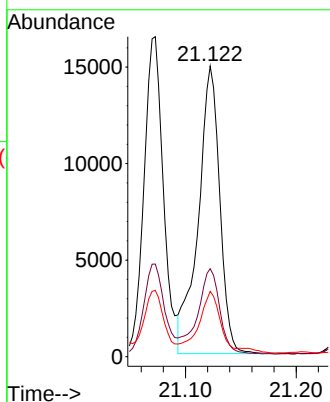
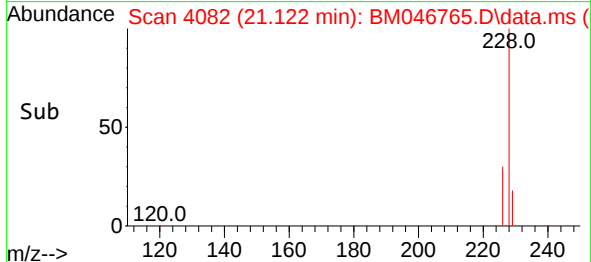
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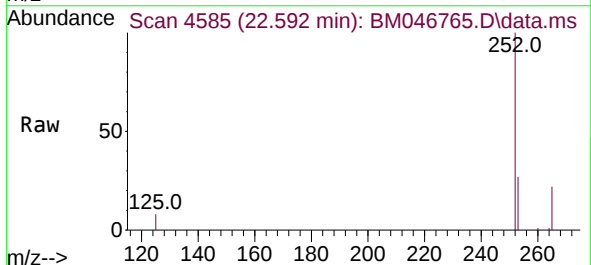
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Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.5 16.4 24.6

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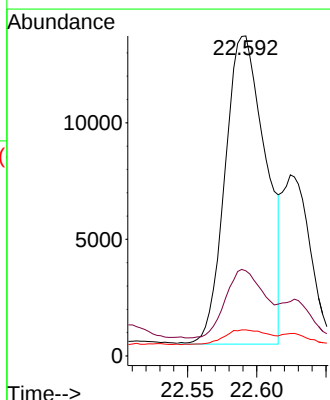
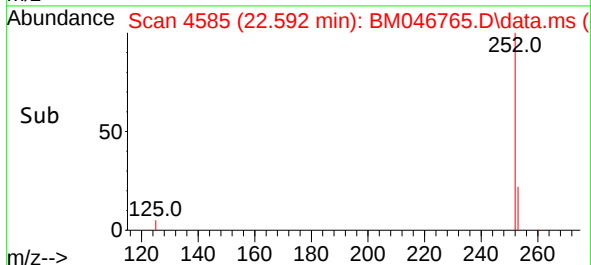
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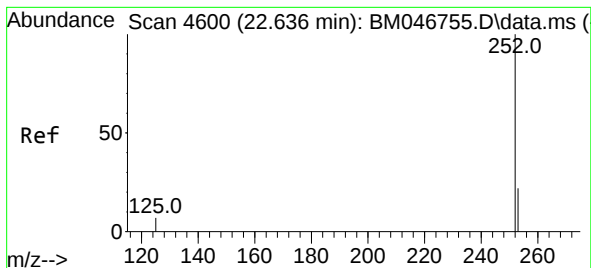


#24
Benzo(b)fluoranthene
Concen: 0.657 ng/ul m
RT: 22.592 min Scan# 4585
Delta R.T. -0.006 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56



Tgt Ion:252 Resp: 26982
Ion Ratio Lower Upper
252 100
253 26.6 0.0 56.2
125 8.2 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.258 ng/ul m

RT: 22.624 min Scan# 4

Delta R.T. -0.015 min

Lab File: BM046765.D

Acq: 23 Jul 2024 01:56

Instrument :

BNM

ClientSampleId :

A4BZ4DL

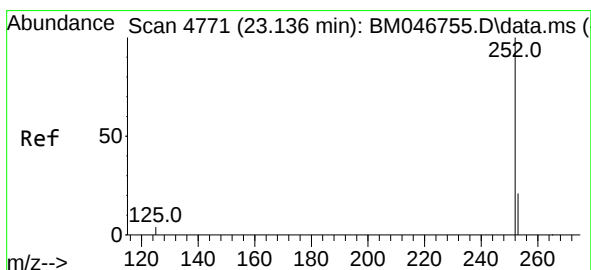
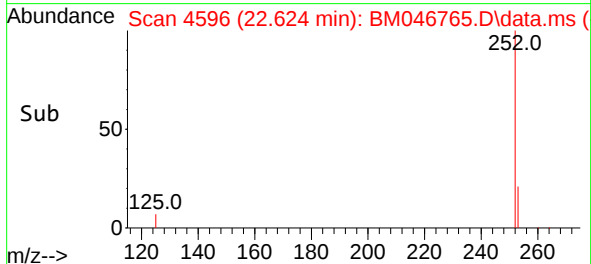
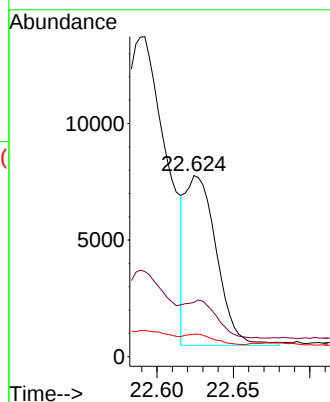
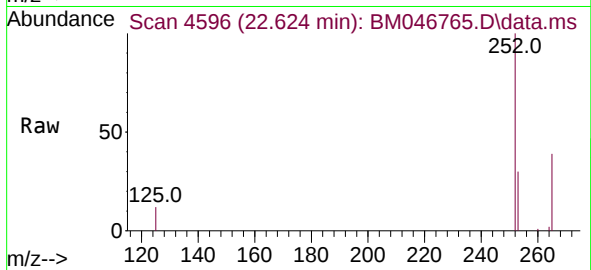
Tgt Ion:252 Resp: 10385
Ion Ratio Lower Upper
252 100
253 30.0 22.4 33.6
125 12.4 7.0 10.4

Manual Integrations

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Supervised By :mohammad ahmed 07/23/2024



#26

Benzo(a)pyrene

Concen: 0.204 ng/ul

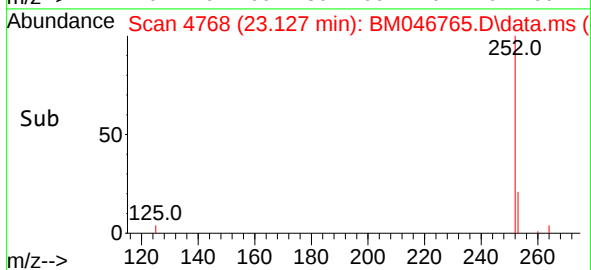
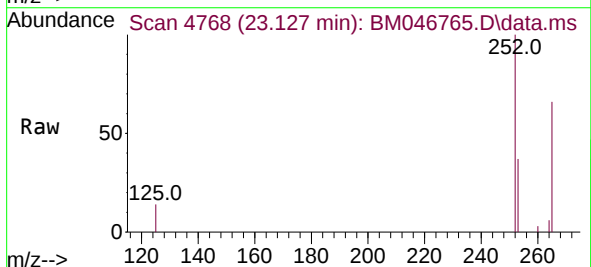
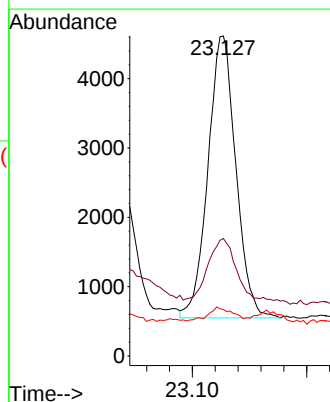
RT: 23.127 min Scan# 4768

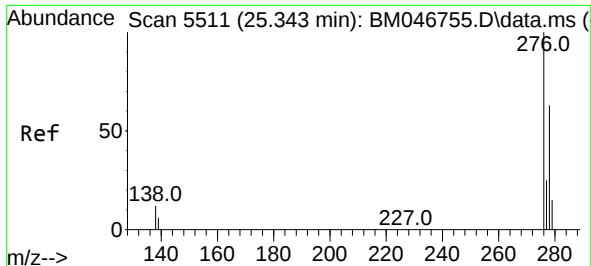
Delta R.T. -0.012 min

Lab File: BM046765.D

Acq: 23 Jul 2024 01:56

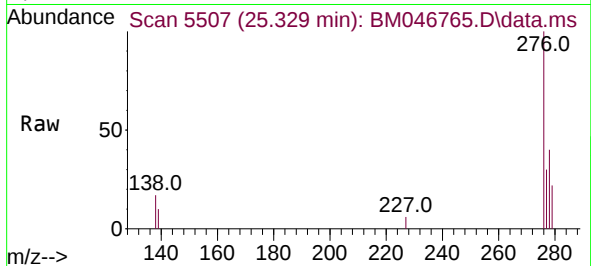
Tgt Ion:252 Resp: 6892
Ion Ratio Lower Upper
252 100
253 36.7 24.0 36.0#
125 14.5 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 25.329 min Scan# 5507
Delta R.T. -0.017 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56

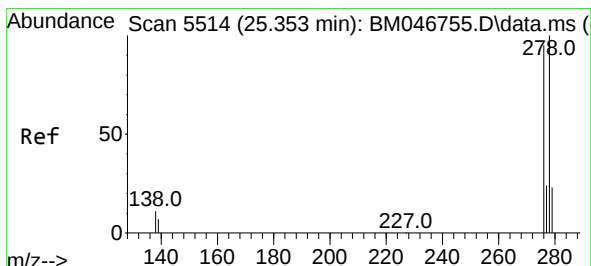
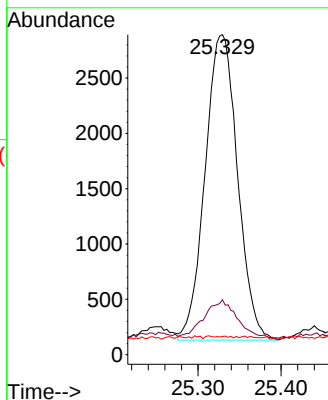
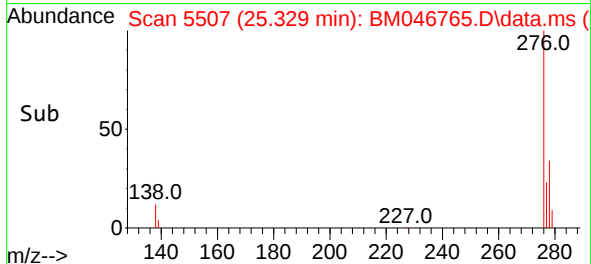
Instrument :
BNA_M
ClientSampleId :
A4BZ4DL



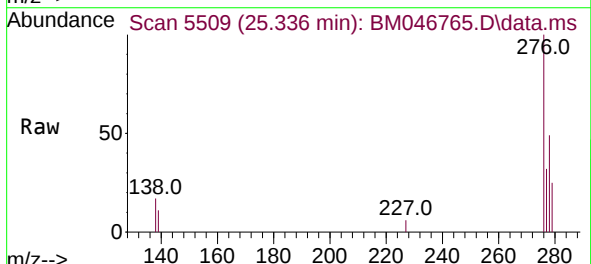
Tgt Ion: 276 Resp: 7494
Ion Ratio Lower Upper
276 100
138 13.6 0.0 0.0#
227 0.5 0.2 0.2#

Manual Integrations
APPROVED

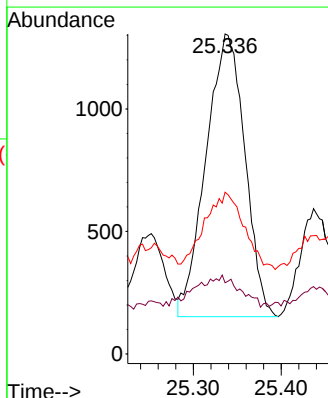
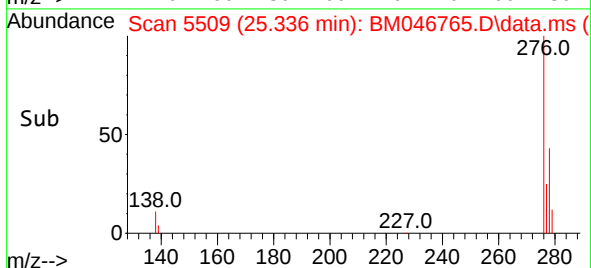
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

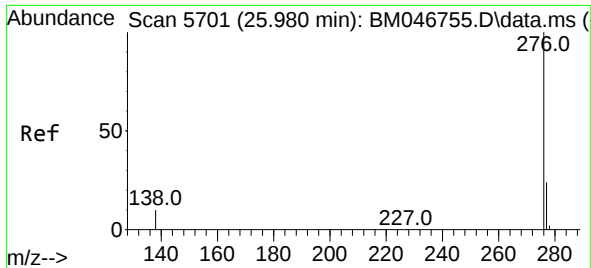


#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 25.336 min Scan# 5509
Delta R.T. -0.024 min
Lab File: BM046765.D
Acq: 23 Jul 2024 01:56



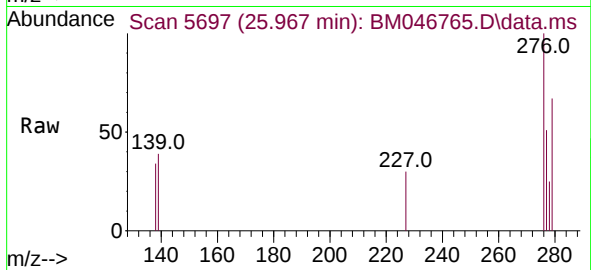
Tgt Ion: 278 Resp: 3542
Ion Ratio Lower Upper
278 100
139 22.3 9.1 13.7#
279 50.5 23.2 34.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 25.967 min Scan# 5697
 Delta R.T. -0.017 min
 Lab File: BM046765.D
 Acq: 23 Jul 2024 01:56

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ4DL



Tgt Ion: 276 Resp: 130

Ion	Ratio	Lower	Upper
276	100		
138	34.5	10.2	15.4
277	51.4	20.9	31.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

