

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046827.D
 Acq On : 26 Jul 2024 12:54
 Operator : MA/JU
 Sample : P3264-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL4

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 13:42:32 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	7.472	152	4583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	13219	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	8082	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	16537	0.400	ng/ul	0.00
17) Chrysene-d12	21.085	240	8487	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	9953	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5711	1.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	2811	0.134	ng/ul	0.00
18) Fluoranthene-d10	18.912	212	4937	0.179	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	11916	0.356	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	5140	0.223	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	4273	0.180	ng/ul	98
10) Acenaphthylene	13.830	152	15559	0.420	ng/ul	99
11) Acenaphthene	14.177	153	18564	0.739	ng/ul	99
12) Fluorene	15.176	166	20784	0.662	ng/ul	97
15) Phenanthrene	16.912	178	374613	7.881	ng/ul	98
16) Anthracene	17.005	178	73717	1.666	ng/ul	99
19) Fluoranthene	18.945	202	633081	16.985	ng/ul	99
20) Pyrene	19.307	202	407436	10.567	ng/ul	100
21) Benzo(a)anthracene	21.067	228	226352	6.400	ng/ul	99
22) Chrysene	21.120	228	237125	6.600	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	327214m	7.488	ng/ul	
25) Benzo(k)fluoranthene	22.625	252	108412m	2.462	ng/ul	
26) Benzo(a)pyrene	23.122	252	114203	3.641	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.320	276	115360	2.389	ng/ul	98
28) Dibenzo(a,h)anthracene	25.326	278	37474	1.060	ng/ul	97
29) Benzo(g,h,i)perylene	25.964	276	18572	0.437	ng/ul#	91

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

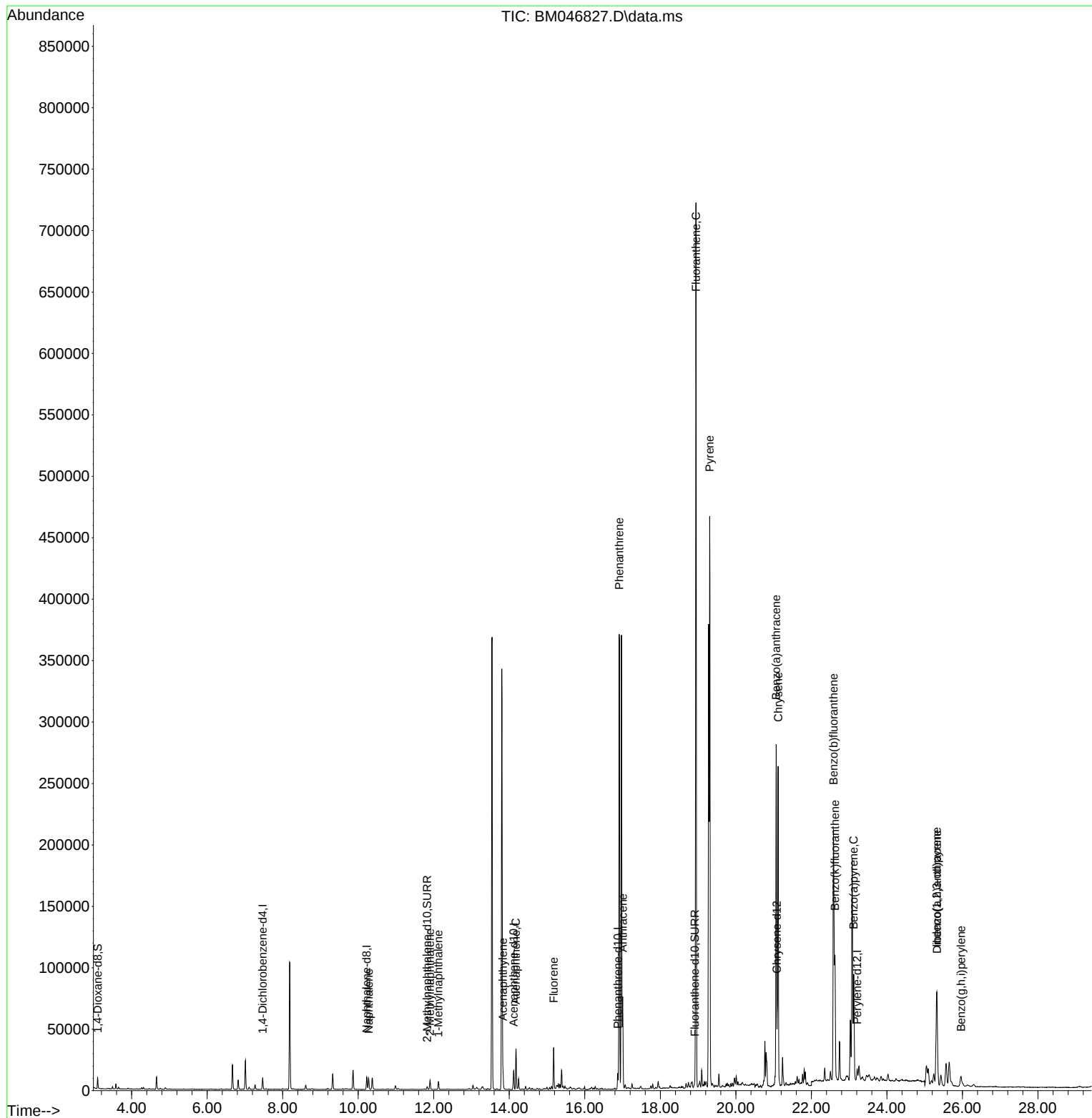
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046827.D
Acq On : 26 Jul 2024 12:54
Operator : MA/JU
Sample : P3264-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

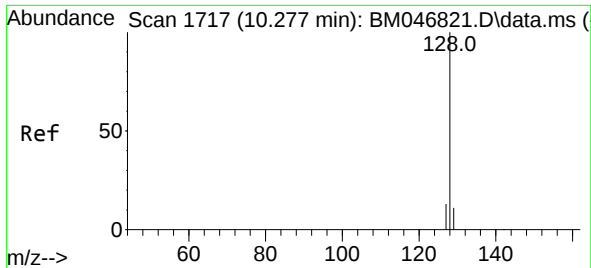
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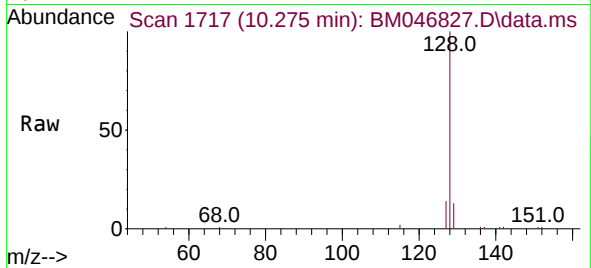
Quant Time: Jul 26 13:42:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

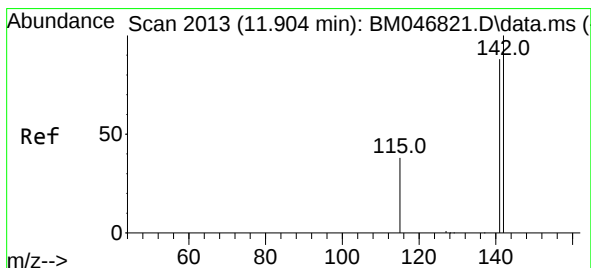
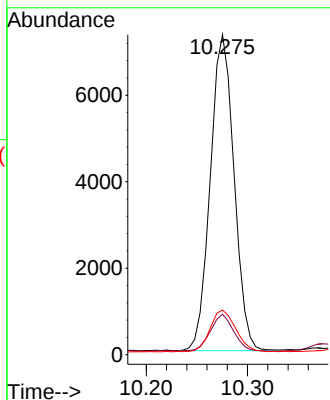
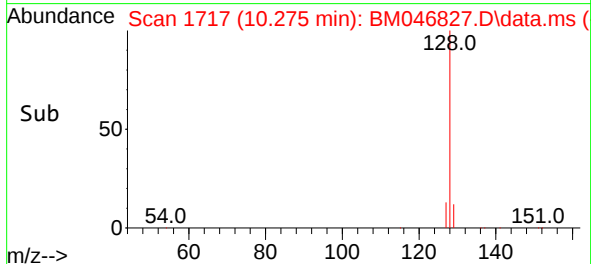
Instrument :
BNA_M
ClientSampleId :
A4CL4



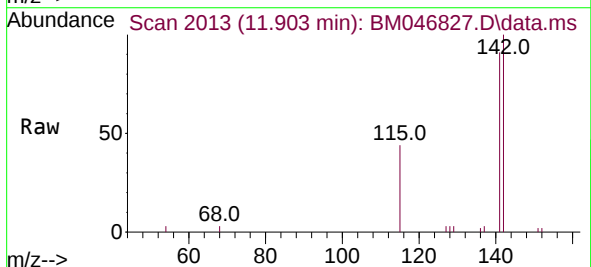
Tgt Ion:128 Resp: 11910
Ion Ratio Lower Upper
128 100
129 12.6 10.1 15.1
127 14.0 11.5 17.3

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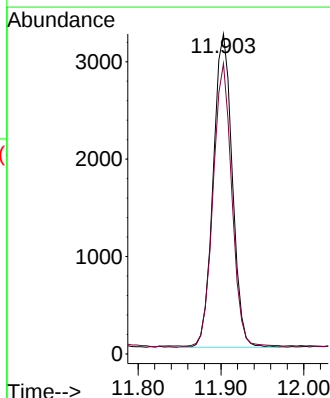
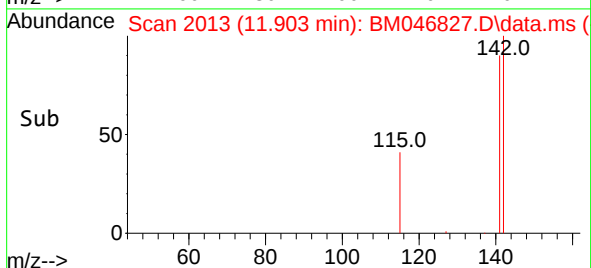
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

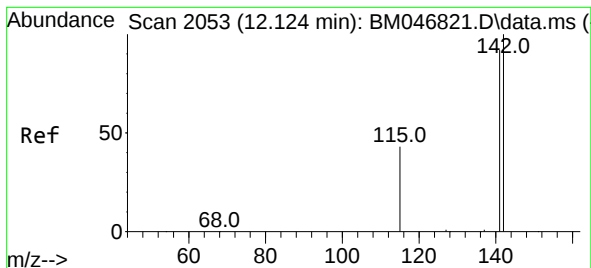


#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54



Tgt Ion:142 Resp: 5140
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.180 ng/ul

RT: 12.123 min Scan# 2053

Delta R.T. -0.007 min

Lab File: BM046827.D

Acq: 26 Jul 2024 12:54

Instrument :

BNA_M

ClientSampleId :

A4CL4

Tgt Ion:142 Resp: 427

Ion Ratio Lower Upper

142 100

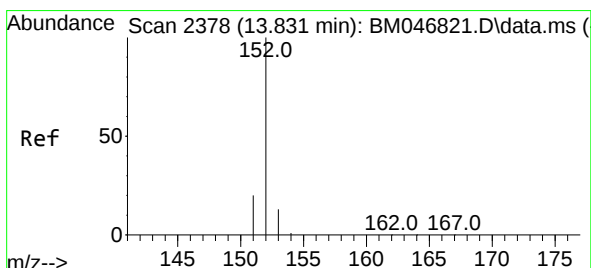
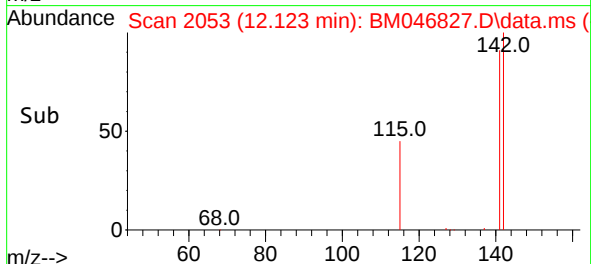
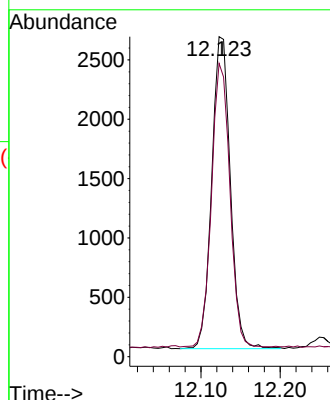
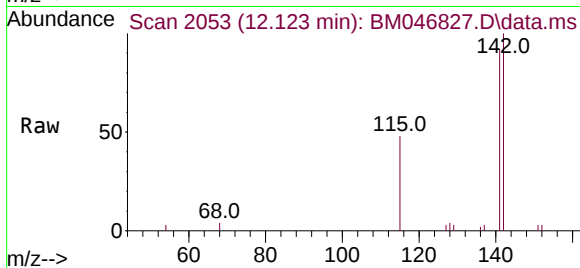
141 89.6 73.1 109.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.420 ng/ul

RT: 13.830 min Scan# 2378

Delta R.T. -0.001 min

Lab File: BM046827.D

Acq: 26 Jul 2024 12:54

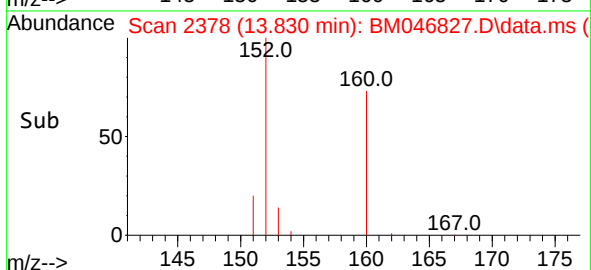
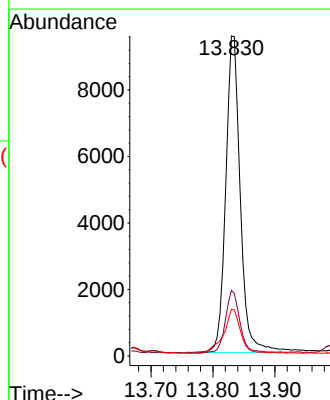
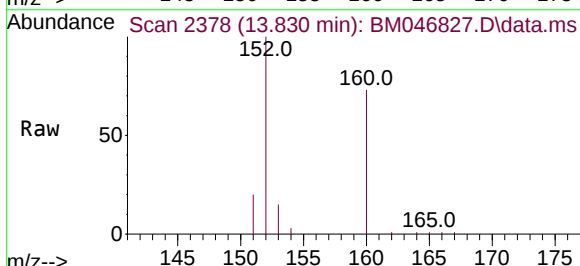
Tgt Ion:152 Resp: 15559

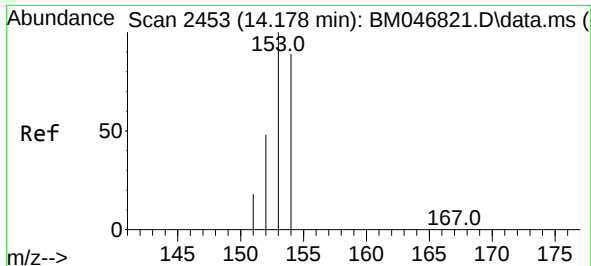
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

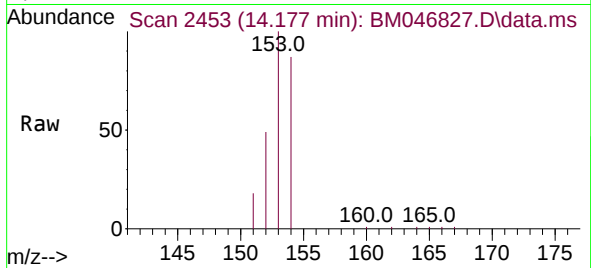
153 14.5 11.0 16.6





#11
Acenaphthene
Concen: 0.739 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

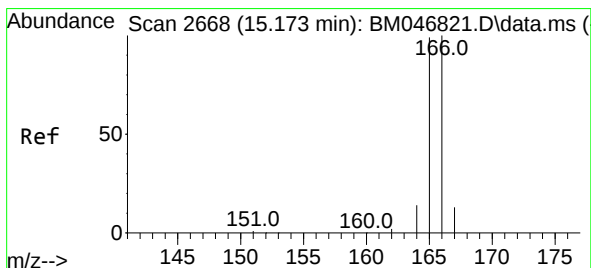
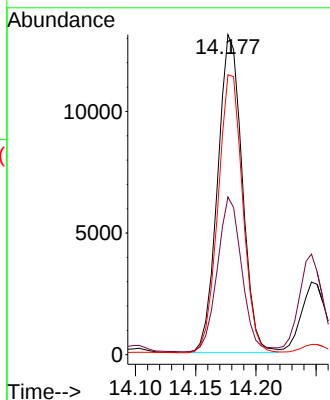
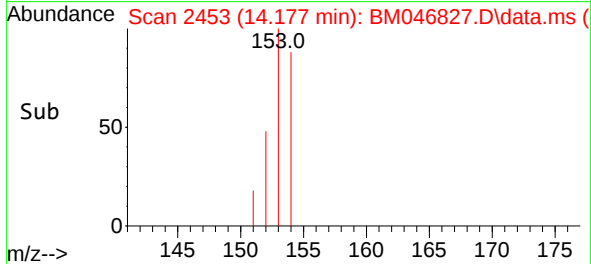
Instrument :
BNA_M
ClientSampleId :
A4CL4



Tgt Ion:153 Resp: 18564
Ion Ratio Lower Upper
153 100
152 49.2 38.6 57.8
154 87.5 70.8 106.2

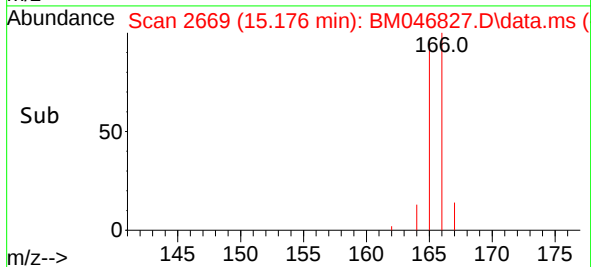
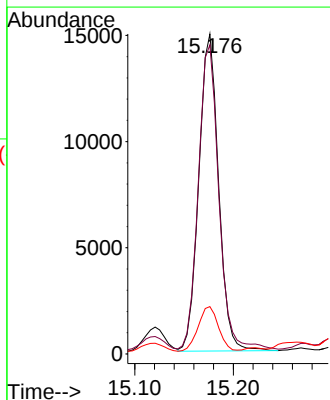
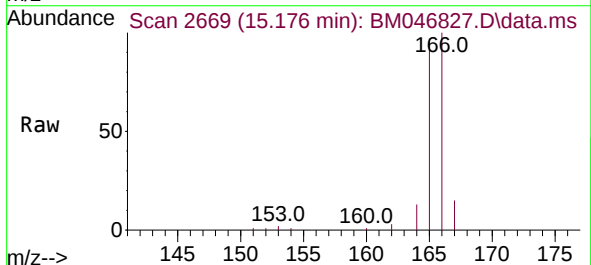
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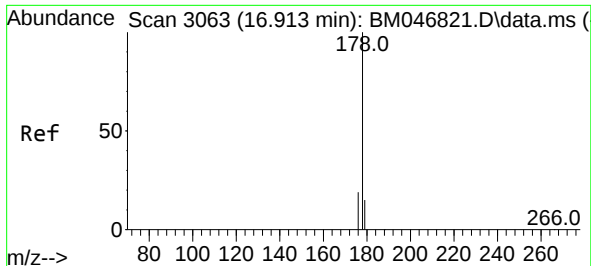
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.662 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

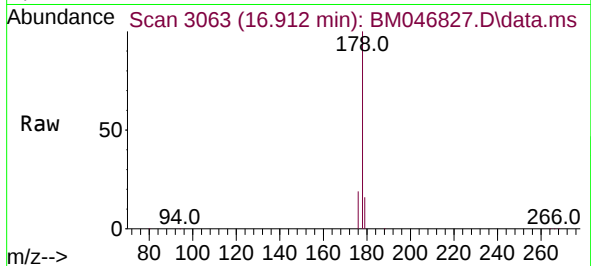
Tgt Ion:166 Resp: 20784
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.6
167 14.8 12.3 18.5





#15
Phenanthrene
Concen: 7.881 ng/u1
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

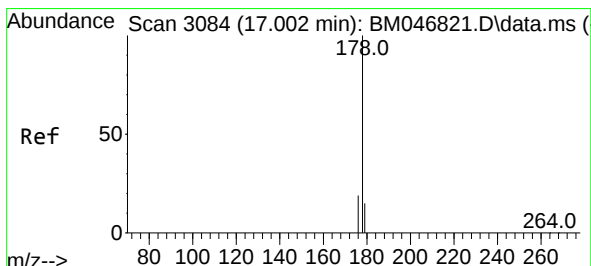
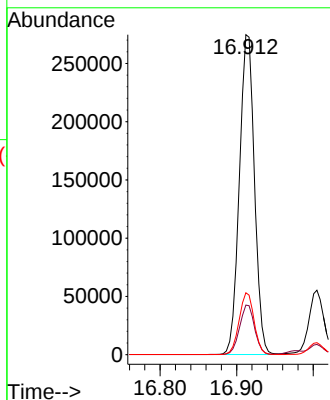
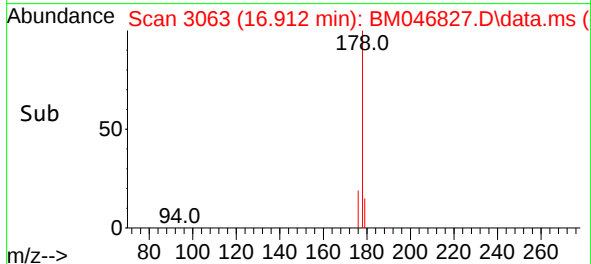
Instrument :
BNA_M
ClientSampleId :
A4CL4



Tgt Ion:178 Resp: 37461
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.4 16.1 24.1

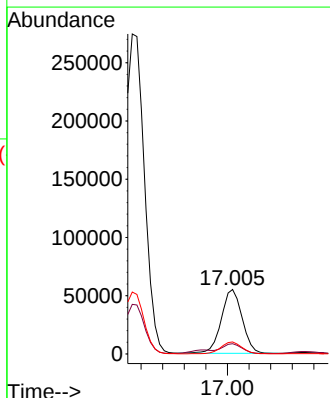
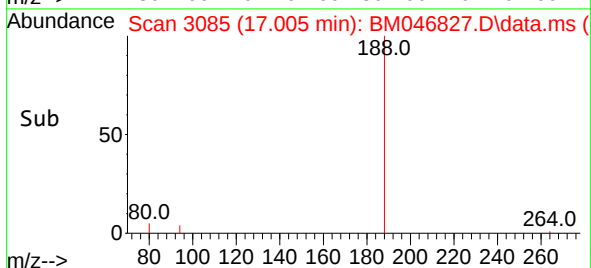
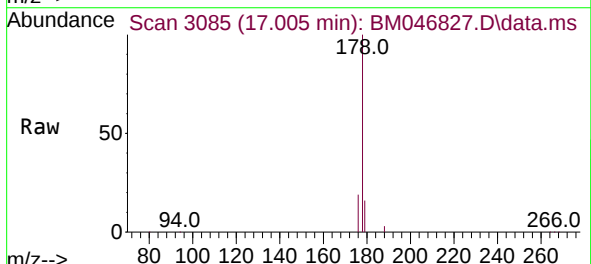
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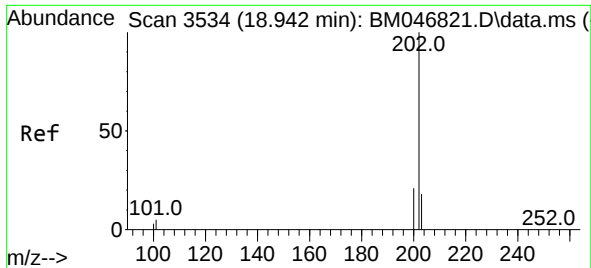
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 1.666 ng/u1
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

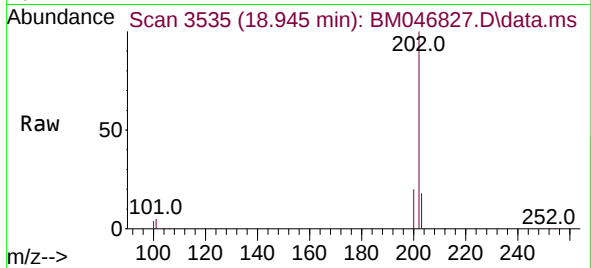
Tgt Ion:178 Resp: 73717
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 16.985 ng/u1
RT: 18.945 min Scan# 3534
Delta R.T. 0.003 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

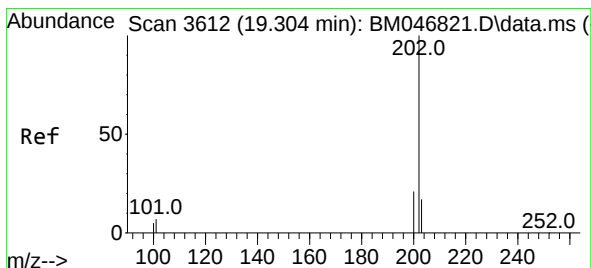
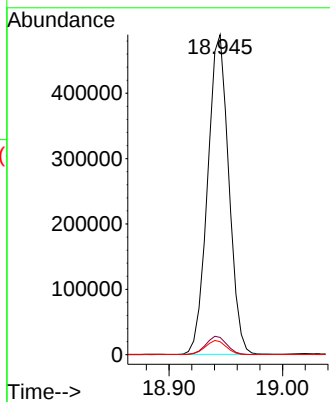
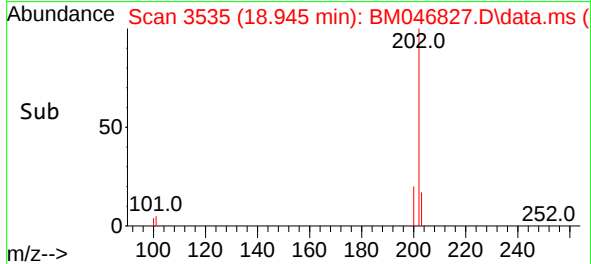
Instrument :
BNA_M
ClientSampleId :
A4CL4



Tgt Ion:202 Resp: 63308
Ion Ratio Lower Upper
202 100
101 5.4 4.7 7.1
100 4.0 3.4 5.2

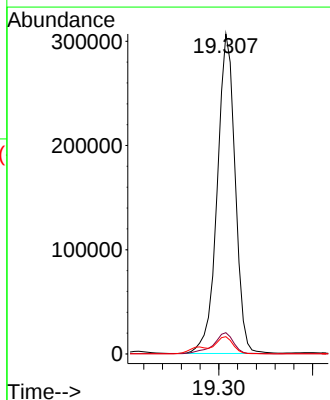
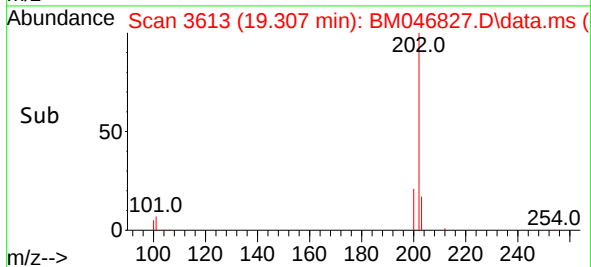
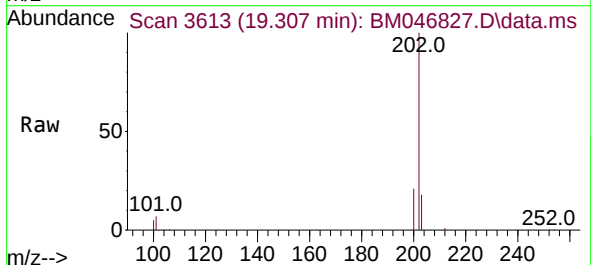
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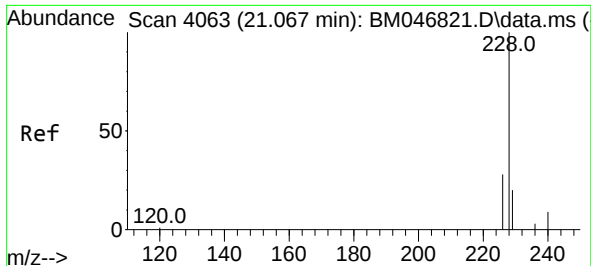
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 10.567 ng/u1
RT: 19.307 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

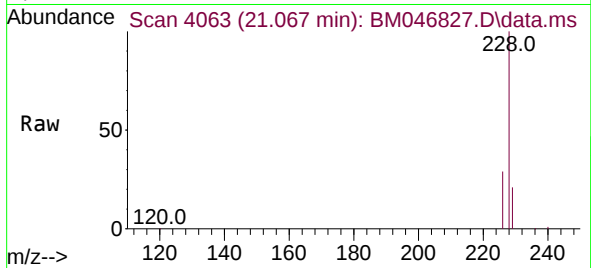
Tgt Ion:202 Resp: 407436
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.4 4.3 6.5





#21
Benzo(a)anthracene
Concen: 6.400 ng/uI
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

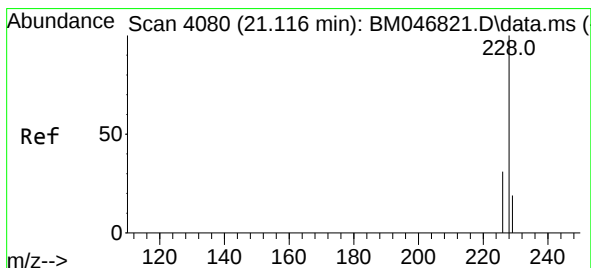
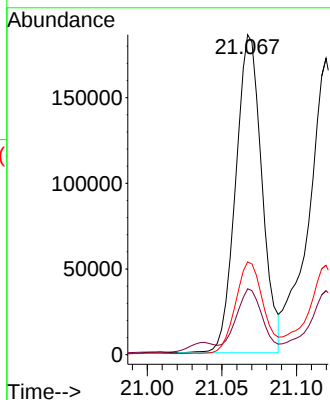
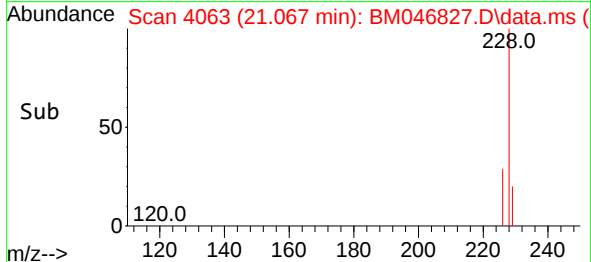
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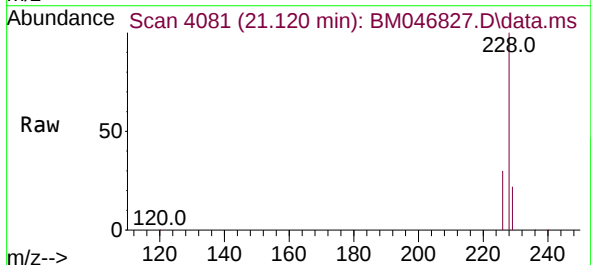
Tgt Ion:228 Resp: 226352
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 29.0 22.3 33.5

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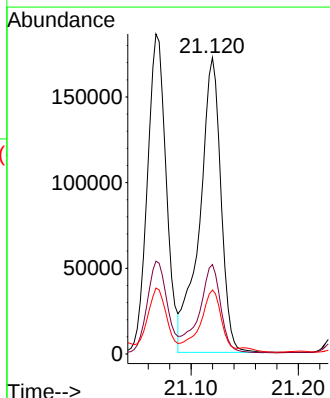
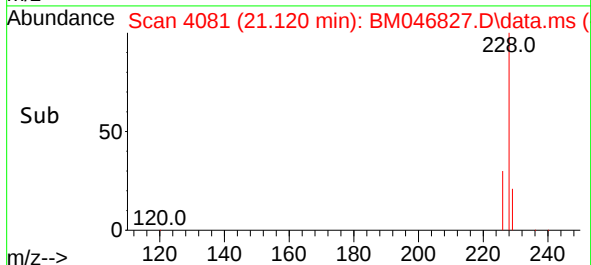
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

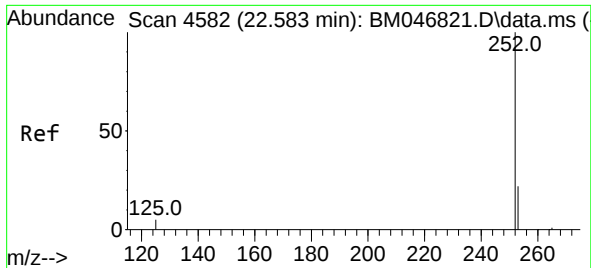


#22
Chrysene
Concen: 6.600 ng/uI
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54



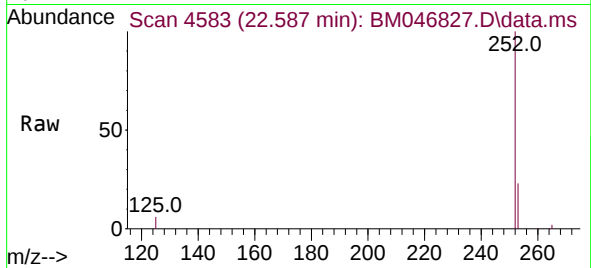
Tgt Ion:228 Resp: 237125
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.6 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 7.488 ng/ul m
RT: 22.587 min Scan# 4582
Delta R.T. 0.006 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

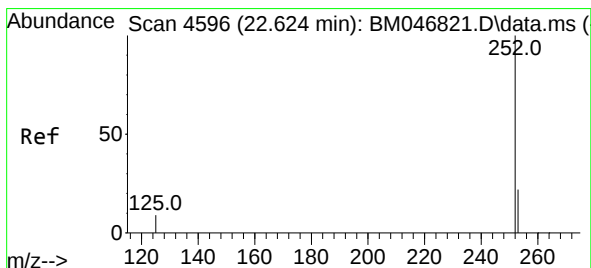
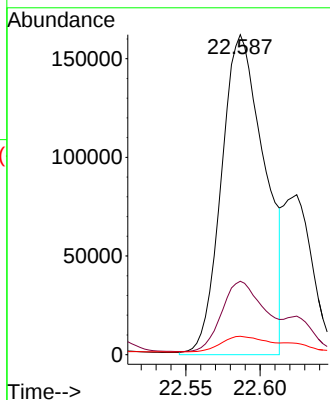
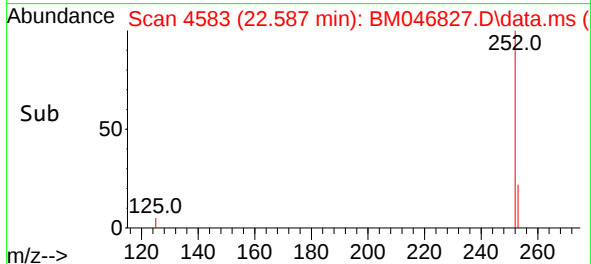
Instrument :
BNA_M
ClientSampleId :
A4CL4



Tgt Ion:252 Resp: 327214
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.4
125 5.7 0.0 15.8

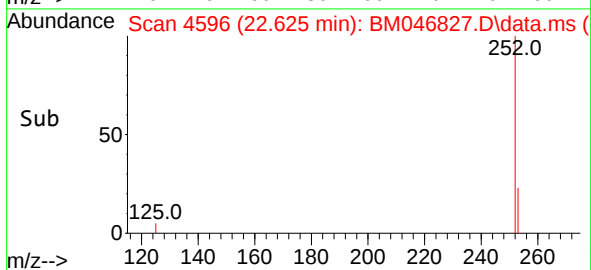
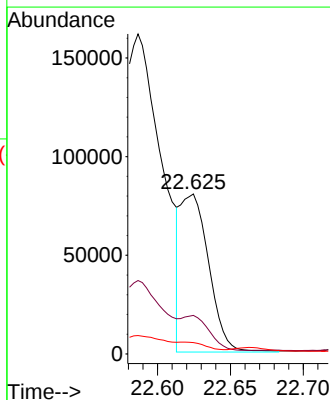
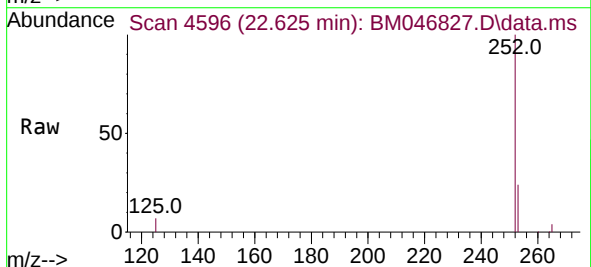
Manual Integrations
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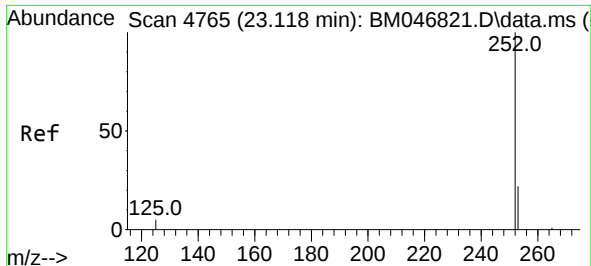
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.462 ng/ul m
RT: 22.625 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

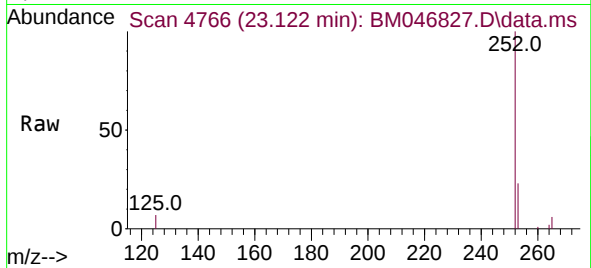
Tgt Ion:252 Resp: 108412
Ion Ratio Lower Upper
252 100
253 24.1 23.5 35.3
125 7.1 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 3.641 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

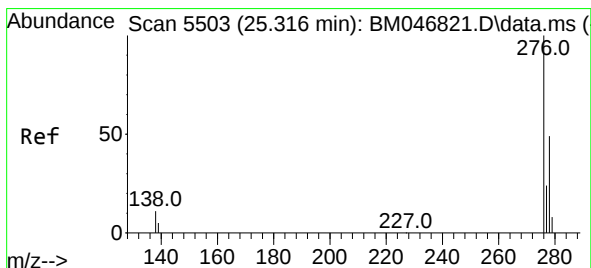
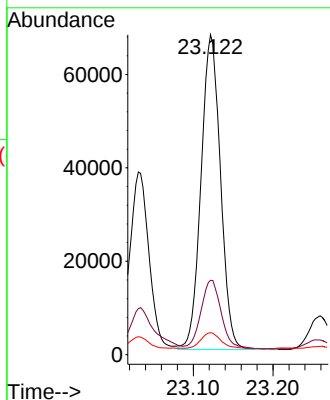
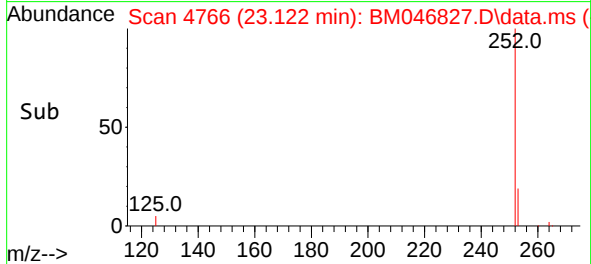
Instrument :
BNA_M
ClientSampleId :
A4CL4



Tgt Ion:252 Resp: 114200
Ion Ratio Lower Upper
252 100
253 23.3 26.0 39.0
125 6.8 7.8 11.8

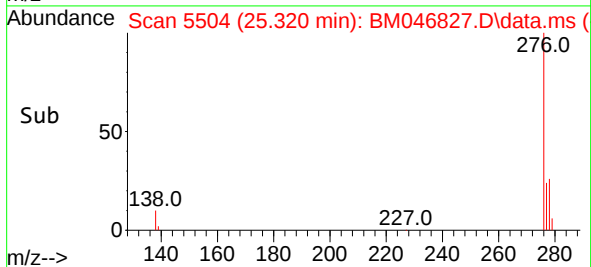
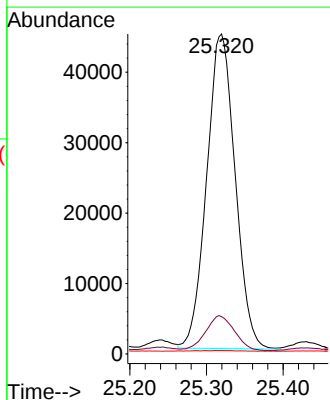
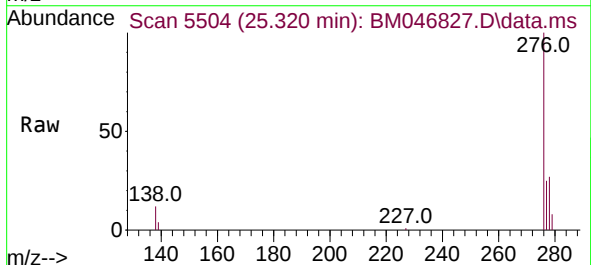
Manual Integrations
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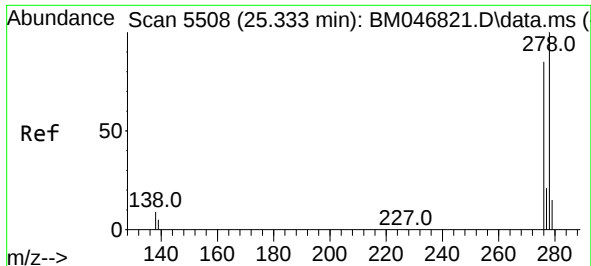
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.389 ng/ul
RT: 25.320 min Scan# 5504
Delta R.T. 0.004 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

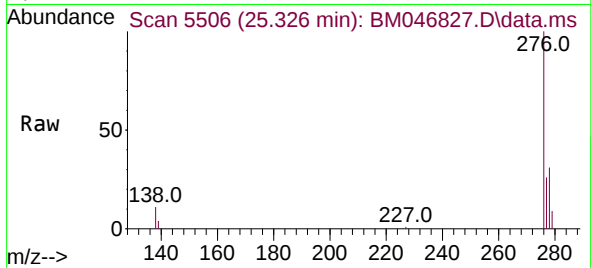
Tgt Ion:276 Resp: 115360
Ion Ratio Lower Upper
276 100
138 11.3 9.7 14.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.060 ng/ul
RT: 25.326 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

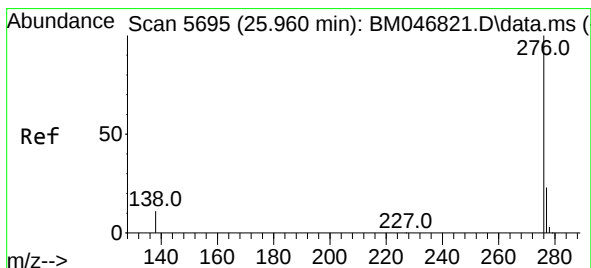
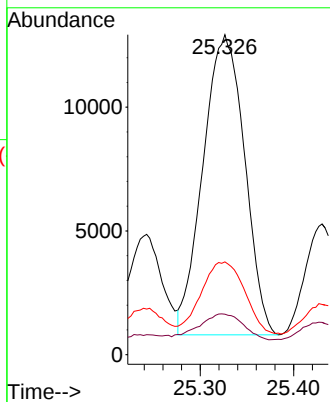
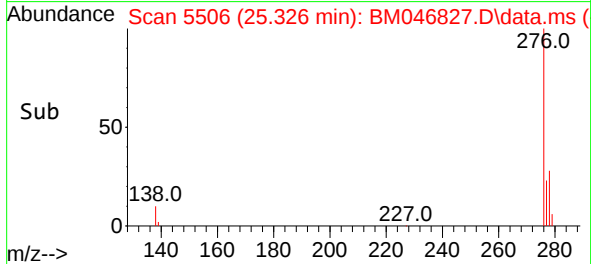
Instrument :
BNA_M
ClientSampleId :
A4CL4



Tgt Ion:278 Resp: 37474
Ion Ratio Lower Upper
278 100
139 12.6 9.8 14.8
279 29.0 25.2 37.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 25.964 min Scan# 5696
Delta R.T. 0.010 min
Lab File: BM046827.D
Acq: 26 Jul 2024 12:54

Tgt Ion:276 Resp: 18572
Ion Ratio Lower Upper
276 100
138 16.1 9.5 14.3#
277 30.1 20.9 31.3

