

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046621.D
 Acq On : 16 Jul 2024 07:06
 Operator : MA/JU
 Sample : P3088-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CY3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 07:36:14 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.502	152	2733	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6948	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.141	164	4549	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	10070	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	9401	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	11480	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1072	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	381	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.932	212	908	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	919	0.052	ng/ul#	86
7) 2-Methylnaphthalene	11.937	142	359	0.029	ng/ul	97
8) 1-Methylnaphthalene	12.157	142	284	0.022	ng/ul	96
10) Acenaphthylene	13.859	152	2063	0.100	ng/ul	95
11) Acenaphthene	14.206	153	1336	0.096	ng/ul	97
12) Fluorene	15.201	166	1619	0.094	ng/ul	98
15) Phenanthrene	16.934	178	36831	1.282	ng/ul	98
16) Anthracene	17.027	178	7387	0.263	ng/ul	100
19) Fluoranthene	18.965	202	81233	2.104	ng/ul	98
20) Pyrene	19.327	202	58817	1.407	ng/ul	99
21) Benzo(a)anthracene	21.084	228	37729	0.907	ng/ul	99
22) Chrysene	21.137	228	39795	0.989	ng/ul	99
24) Benzo(b)fluoranthene	22.607	252	59509m	1.298	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	19857m	0.441	ng/ul	
26) Benzo(a)pyrene	23.148	252	20497	0.543	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.353	276	20781	0.362	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	7326	0.161	ng/ul#	84
29) Benzo(g,h,i)perylene	26.000	276	4746	0.104	ng/ul#	87

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

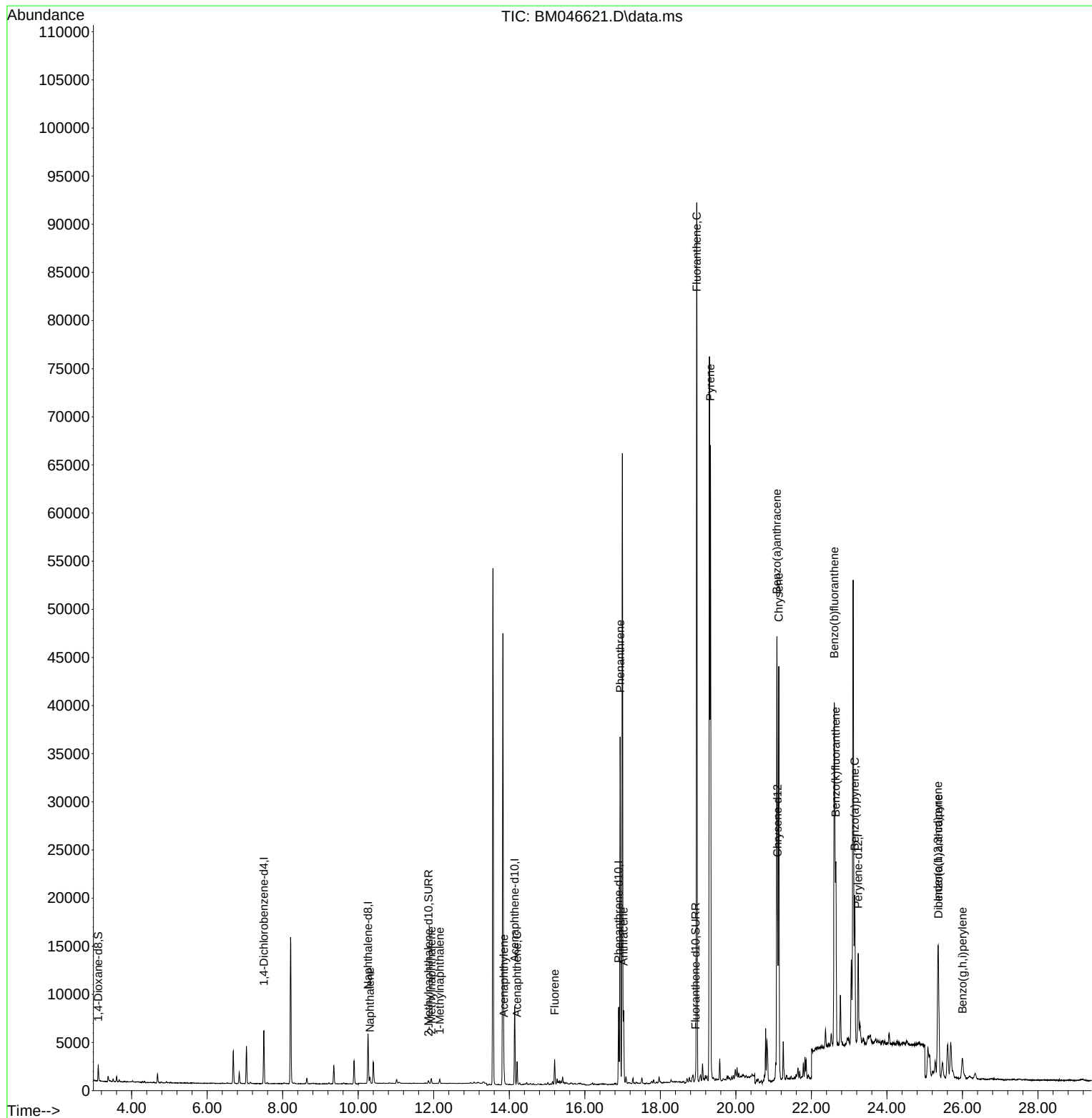
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046621.D
Acq On : 16 Jul 2024 07:06
Operator : MA/JU
Sample : P3088-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

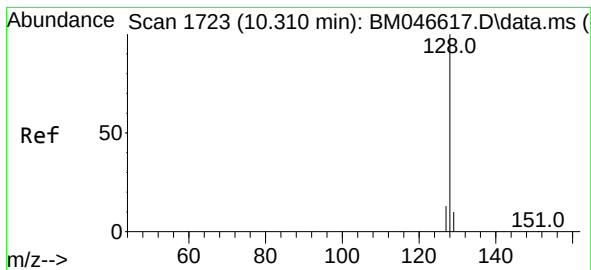
Instrument :
BNA_M
ClientSampleId :
A4CY3DL

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Supervised By :mohammad ahmed 07/18/2024

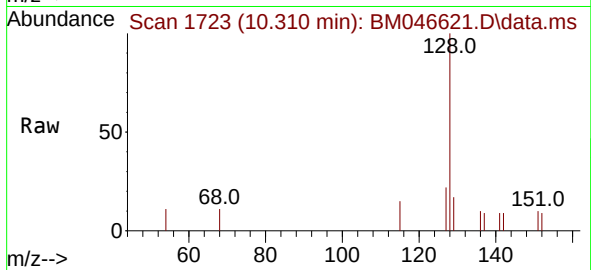
Quant Time: Jul 16 07:36:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

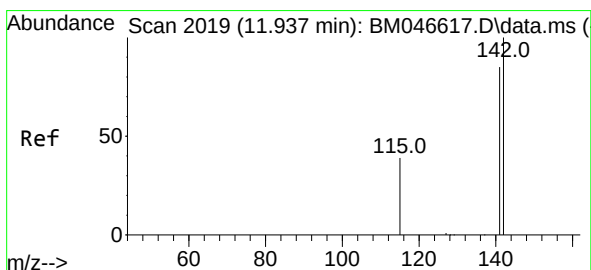
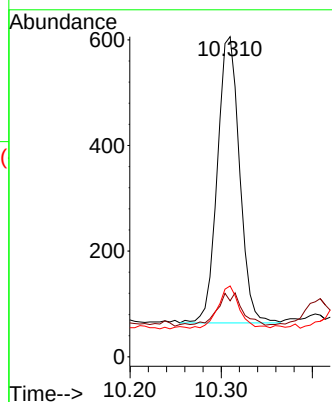
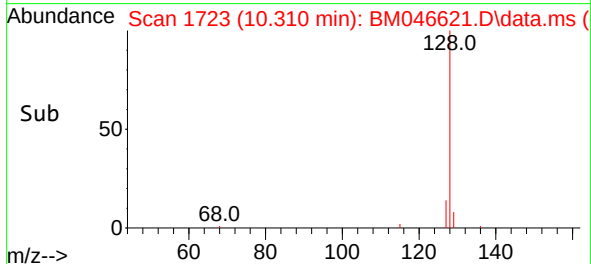
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



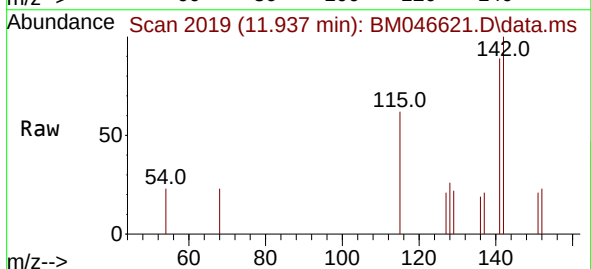
Tgt Ion:128 Resp: 919
Ion Ratio Lower Upper
128 100
129 17.5 10.3 15.5
127 22.1 12.2 18.4

Manual Integrations
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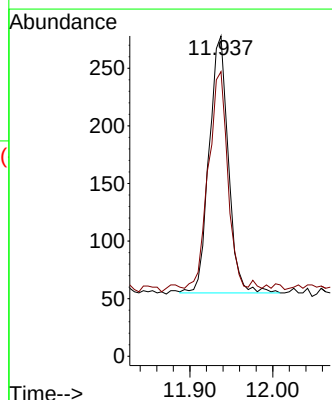
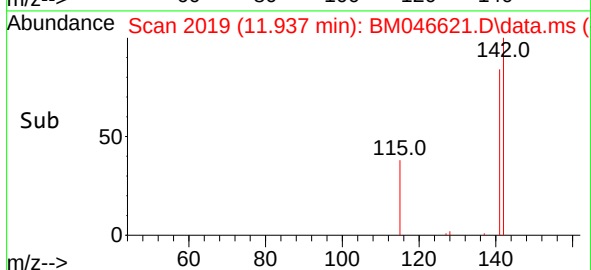
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

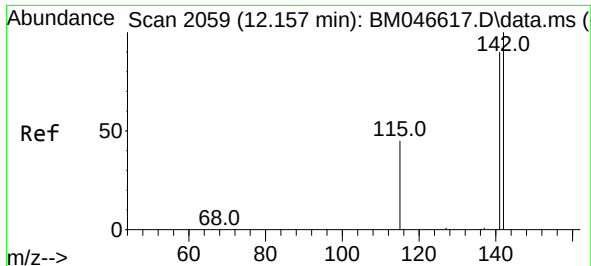


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06



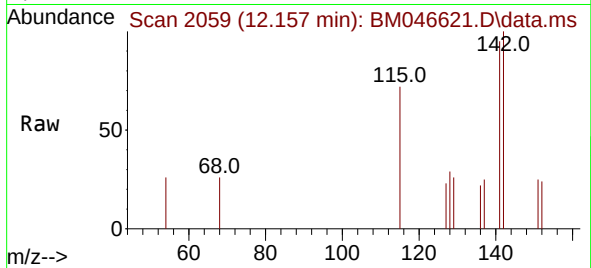
Tgt Ion:142 Resp: 359
Ion Ratio Lower Upper
142 100
141 85.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

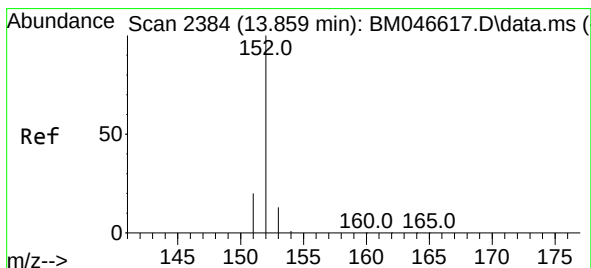
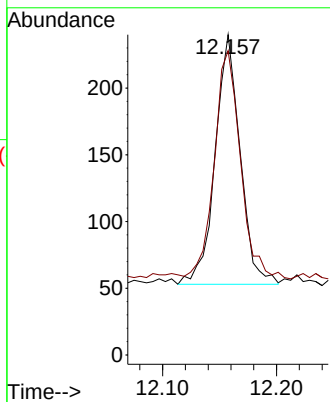
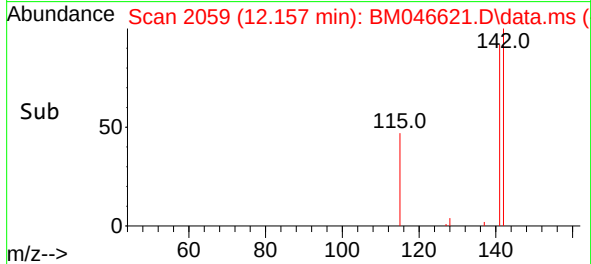
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:142 Resp: 284
Ion Ratio Lower Upper
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141 96.1 73.9 110.9

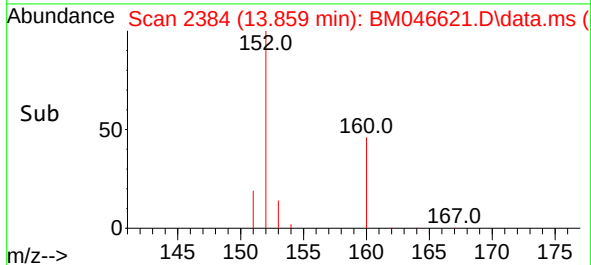
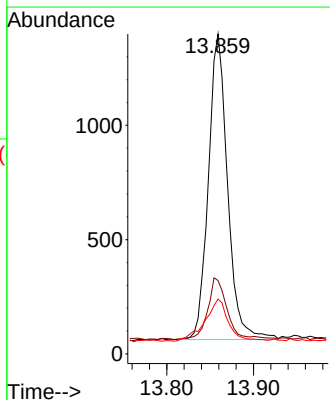
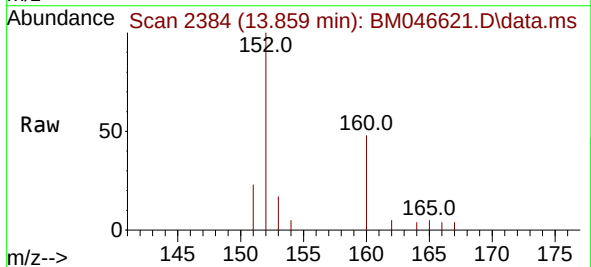
Manual Integrations
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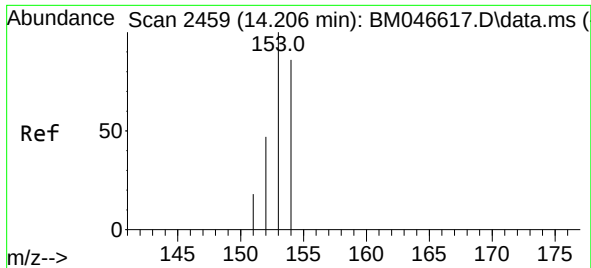
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 13.859 min Scan# 2384
Delta R.T. -0.005 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

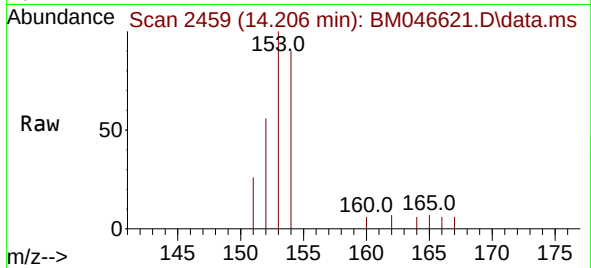
Tgt Ion:152 Resp: 2063
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6
153 17.1 12.4 18.6





#11
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

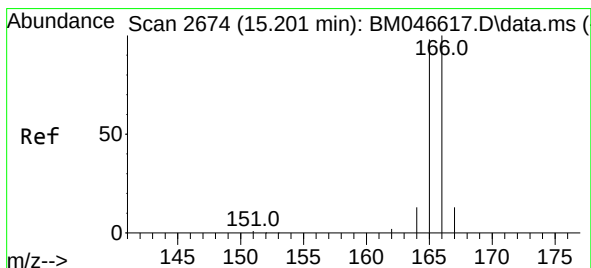
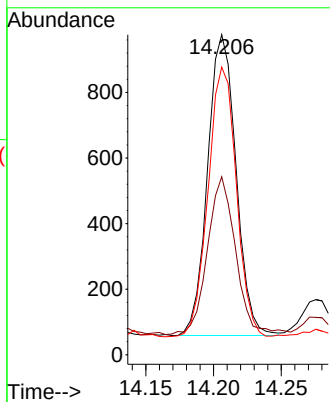
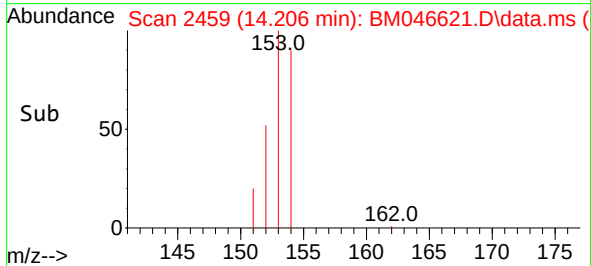
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:153 Resp: 1330
Ion Ratio Lower Upper
153 100
152 55.6 43.0 64.6
154 89.9 69.9 104.9

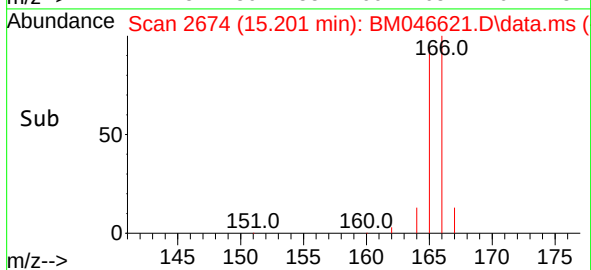
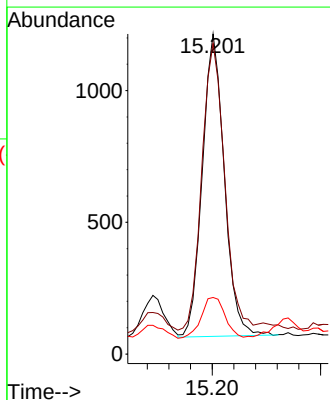
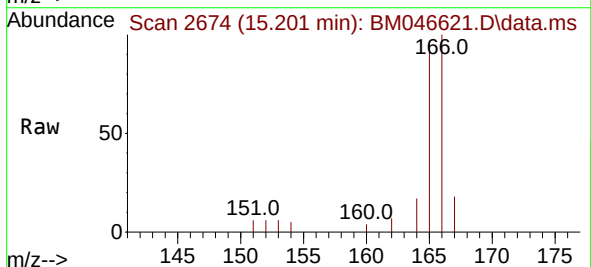
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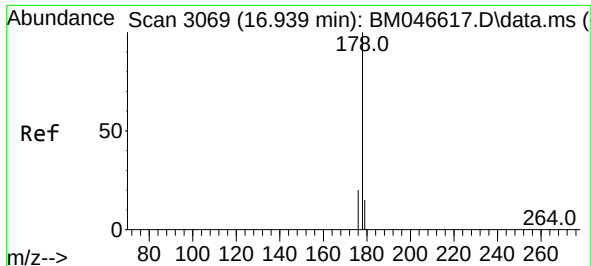
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

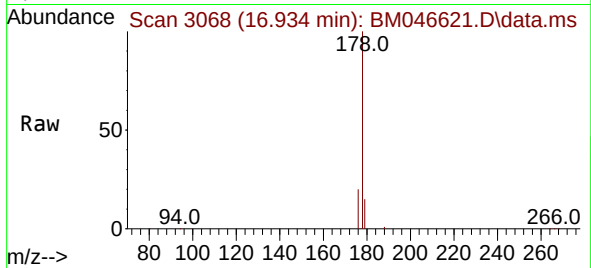
Tgt Ion:166 Resp: 1619
Ion Ratio Lower Upper
166 100
165 97.0 76.1 114.1
167 17.7 12.5 18.7





#15
Phenanthrene
Concen: 1.282 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

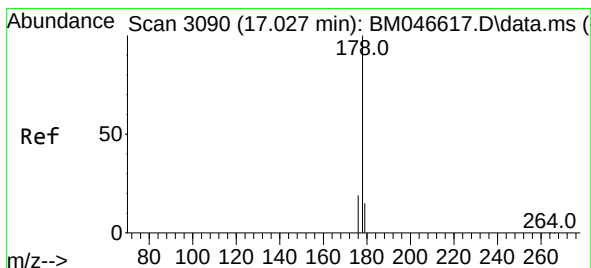
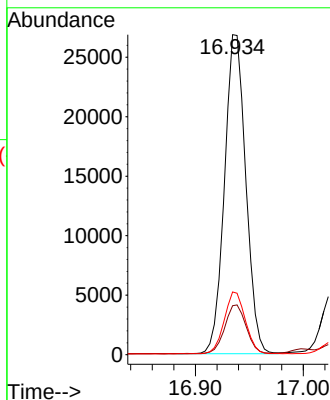
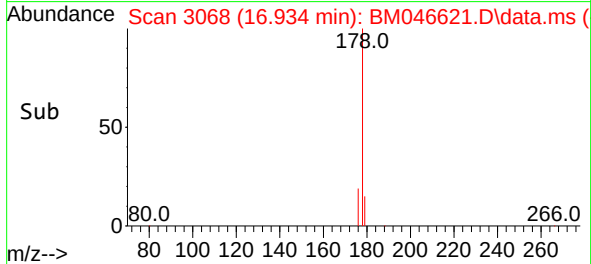
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:178 Resp: 3683
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.6 16.0 24.0

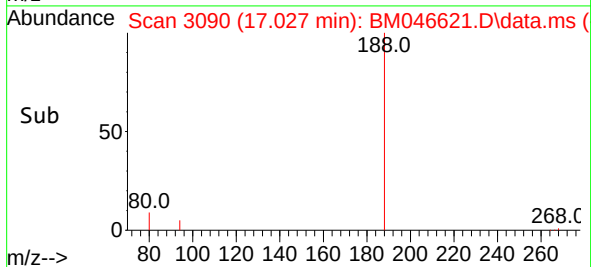
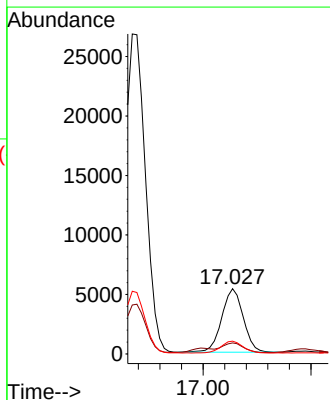
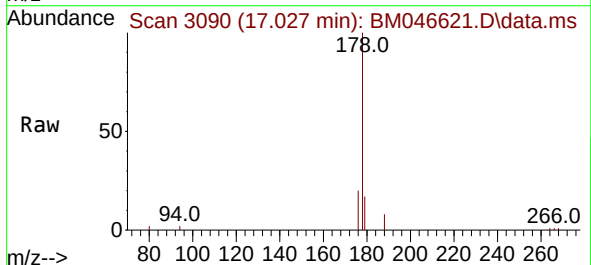
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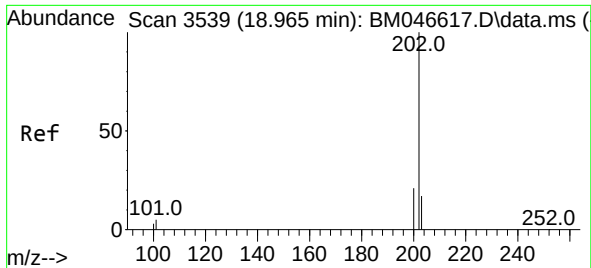
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.263 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

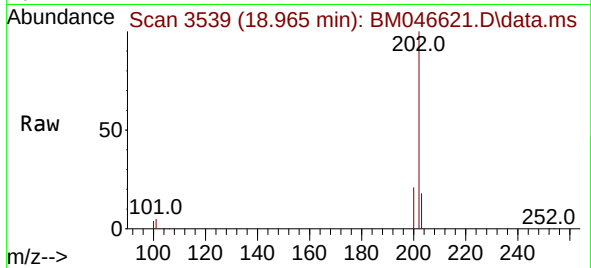
Tgt Ion:178 Resp: 7387
Ion Ratio Lower Upper
178 100
179 17.0 13.5 20.3
176 19.7 15.7 23.5





#19
Fluoranthene
Concen: 2.104 ng/u1
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

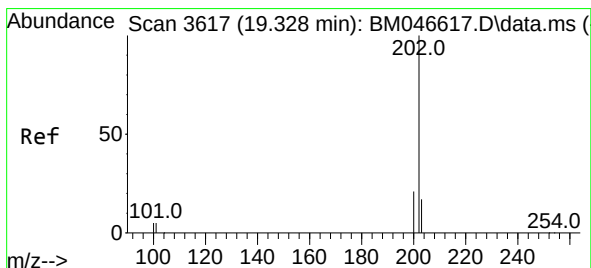
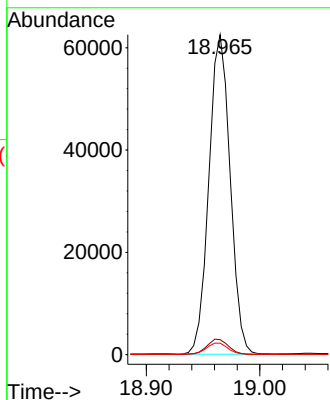
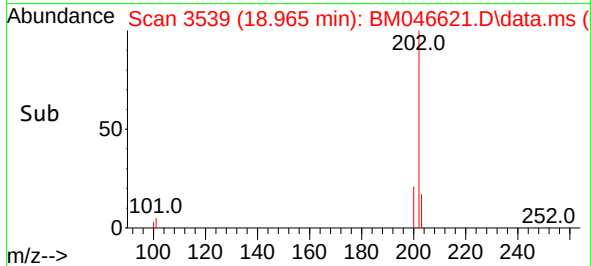
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:202 Resp: 81233
Ion Ratio Lower Upper
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101 4.7 4.6 6.8
100 3.6 3.0 4.6

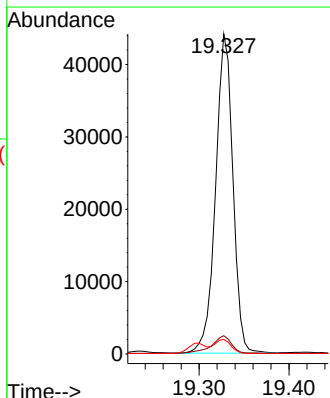
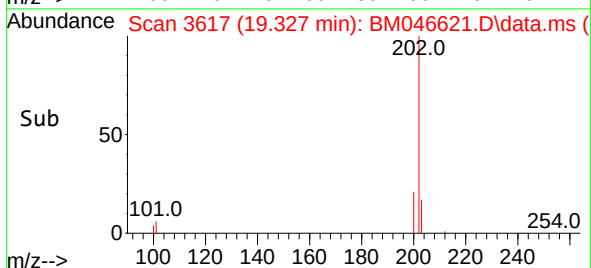
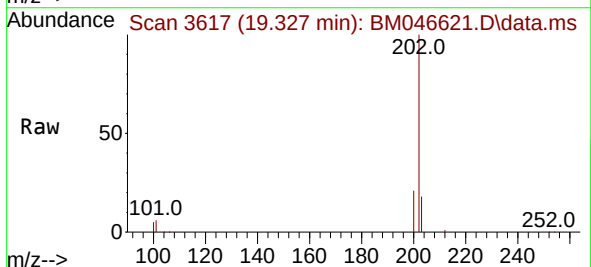
Manual Integrations
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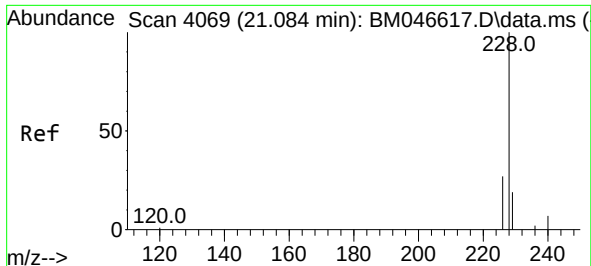
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 1.407 ng/u1
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

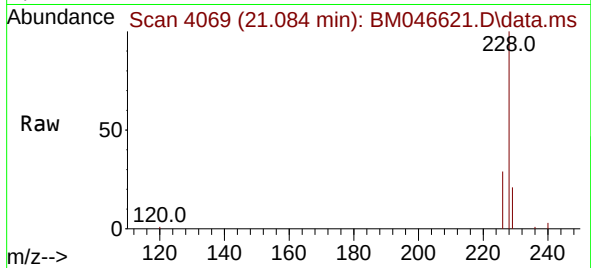
Tgt Ion:202 Resp: 58817
Ion Ratio Lower Upper
202 100
101 5.7 5.1 7.7
100 4.5 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.907 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

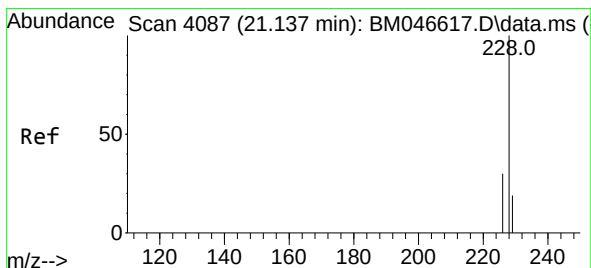
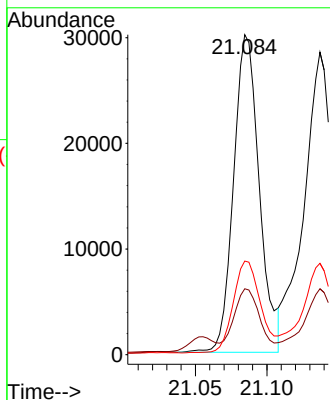
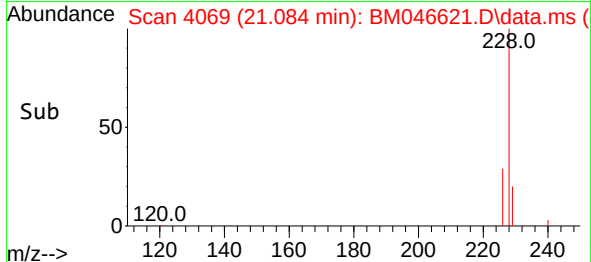
Instrument :
BNA_M
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A4CY3DL



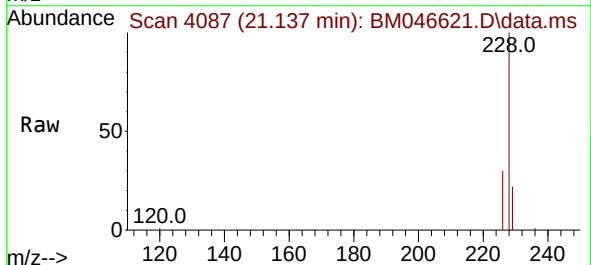
Tgt Ion:228 Resp: 37729
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 29.2 22.5 33.7

Manual Integrations
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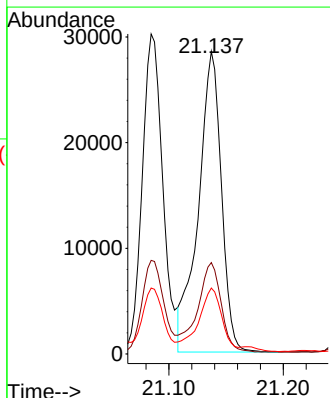
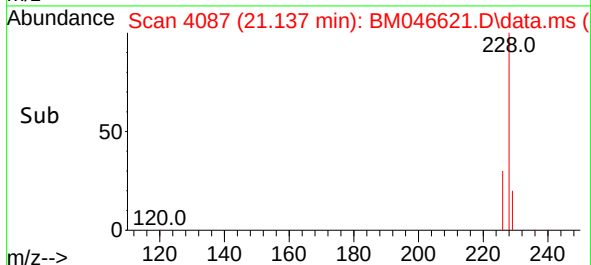
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

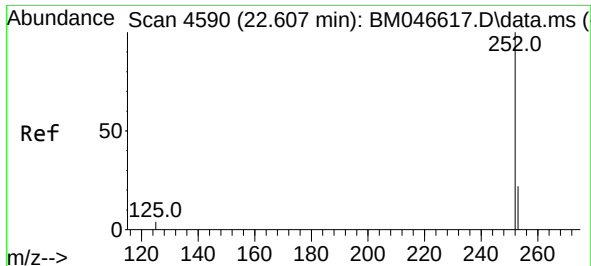


#22
Chrysene
Concen: 0.989 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06



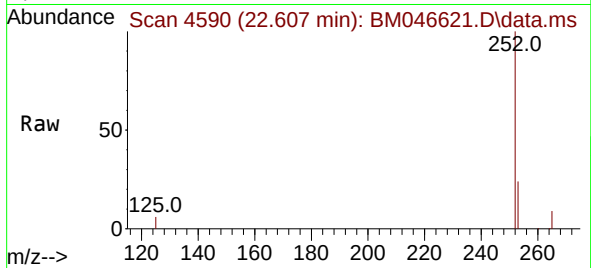
Tgt Ion:228 Resp: 39795
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.298 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

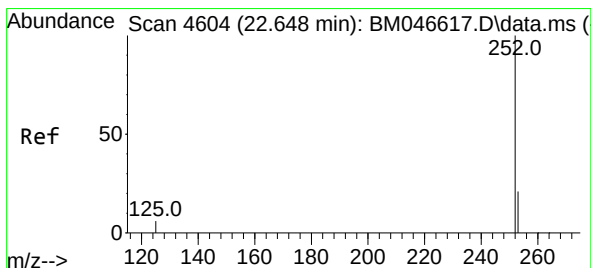
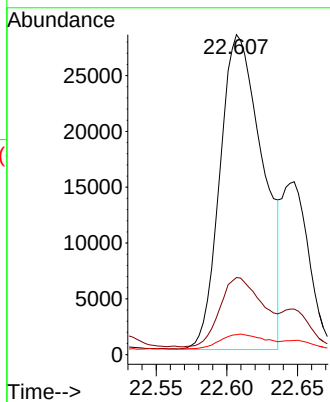
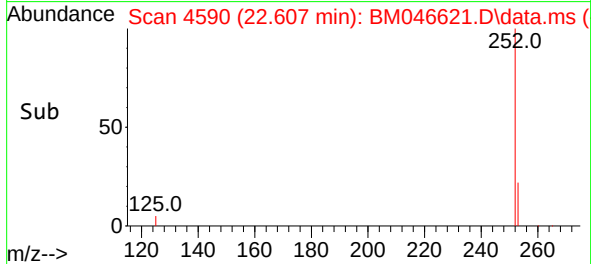
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:252 Resp: 59509
Ion Ratio Lower Upper
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125 6.3 0.0 17.8

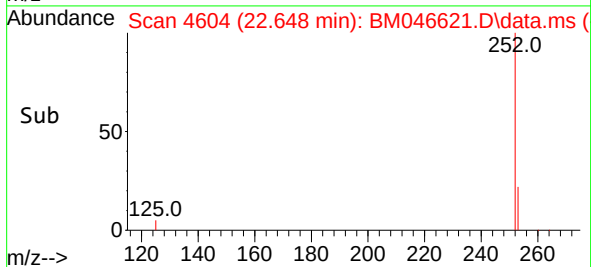
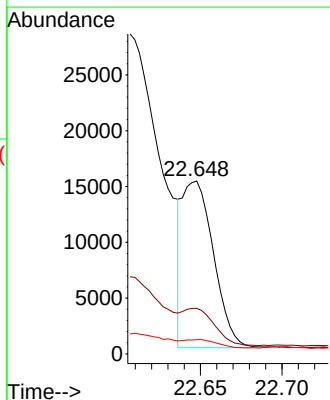
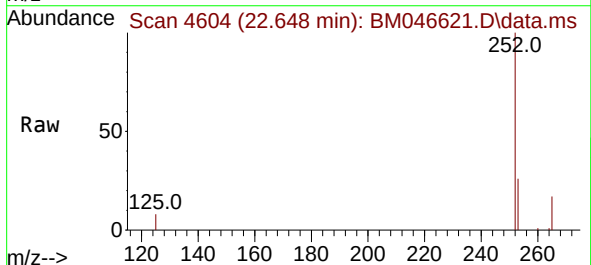
Manual Integrations
APPROVED

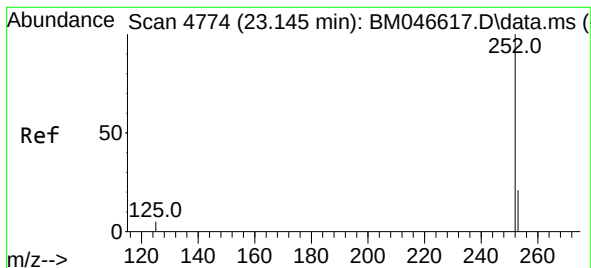
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

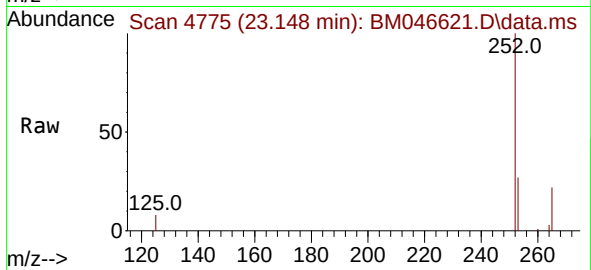
Tgt Ion:252 Resp: 19857
Ion Ratio Lower Upper
252 100
253 26.4 22.4 33.6
125 8.3 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.543 ng/ul
RT: 23.148 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

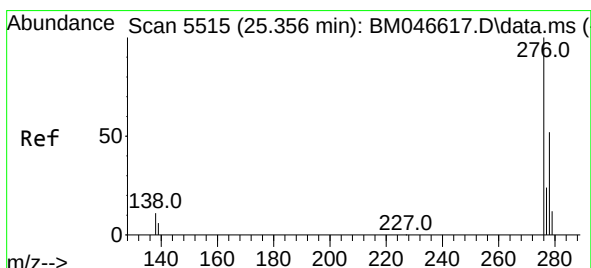
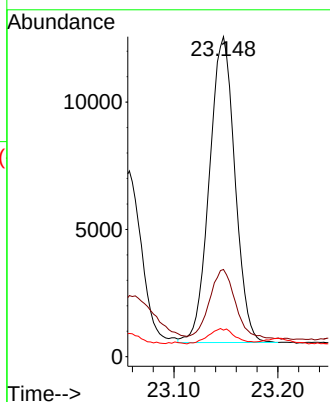
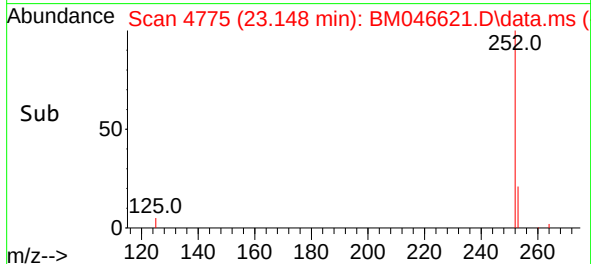
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:252 Resp: 2049
Ion Ratio Lower Upper
252 100
253 27.2 24.0 36.0
125 8.3 8.2 12.2

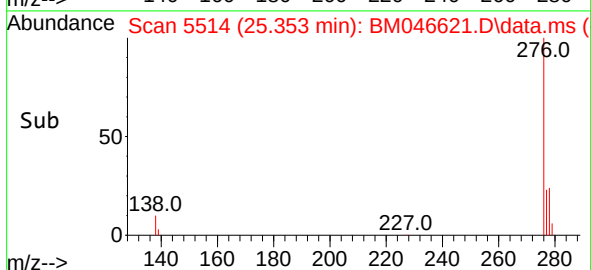
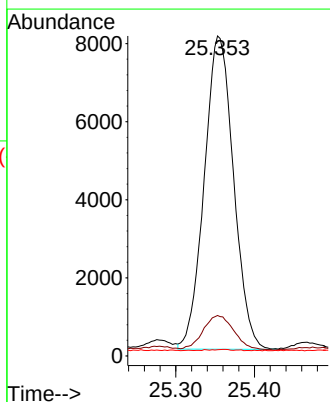
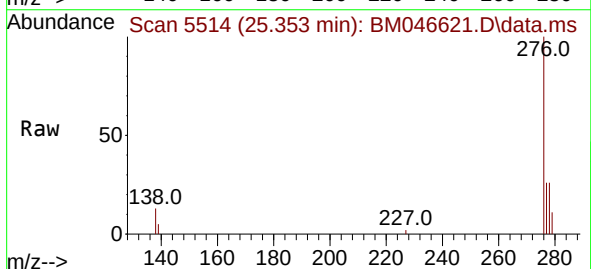
Manual Integrations
APPROVED

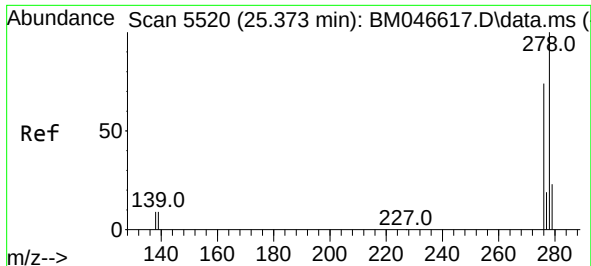
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 25.353 min Scan# 5514
Delta R.T. -0.007 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

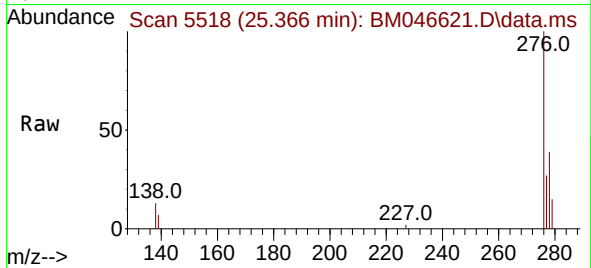
Tgt Ion:276 Resp: 20781
Ion Ratio Lower Upper
276 100
138 11.6 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 25.366 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

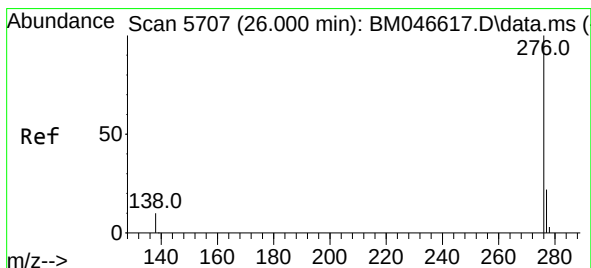
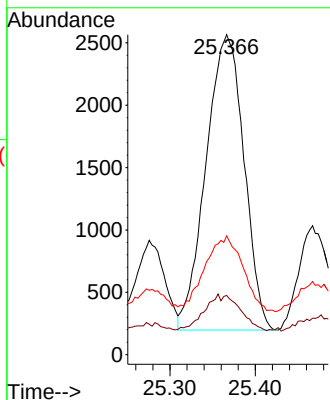
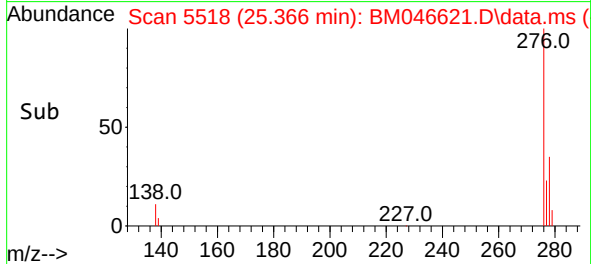
Instrument :
BNA_M
ClientSampleId :
A4CY3DL



Tgt Ion:278 Resp: 7320
Ion Ratio Lower Upper
278 100
139 18.5 9.1 13.7
279 37.1 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.004 min
Lab File: BM046621.D
Acq: 16 Jul 2024 07:06

Tgt Ion:276 Resp: 4746
Ion Ratio Lower Upper
276 100
138 18.2 10.2 15.4#
277 32.9 20.9 31.3#

