

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046809.D
 Acq On : 25 Jul 2024 20:51
 Operator : MA/JU
 Sample : P3263-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB0

Manual Integrations
 APPROVED

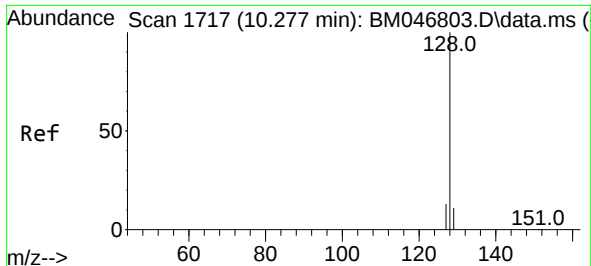
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 00:30:34 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)

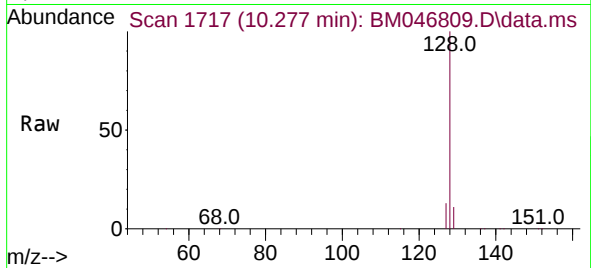
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	13130	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	8134	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	16844m	0.400	ng/ul	0.00
17) Chrysene-d12	21.084	240	7102	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	8973	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12681	3.966	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	5667	0.272	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	10266	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	52771	1.589	ng/ul	96
7) 2-Methylnaphthalene	11.904	142	18861	0.825	ng/ul	100
8) 1-Methylnaphthalene	12.130	142	13285	0.563	ng/ul	99
10) Acenaphthylene	13.831	152	29060	0.780	ng/ul	98
11) Acenaphthene	14.178	153	63954	2.529	ng/ul	99
12) Fluorene	15.177	166	84657	2.679	ng/ul	97
15) Phenanthrene	16.917	178	1335236	27.580	ng/ul	97
16) Anthracene	17.006	178	238538	5.293	ng/ul	99
19) Fluoranthene	18.946	202	1718935	55.111	ng/ul	99
20) Pyrene	19.309	202	1035246	32.086	ng/ul	100
21) Benzo(a)anthracene	21.067	228	525249	17.748	ng/ul	99
22) Chrysene	21.119	228	511272	17.006	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	674856m	17.131	ng/ul	
25) Benzo(k)fluoranthene	22.621	252	222326m	5.600	ng/ul	
26) Benzo(a)pyrene	23.121	252	244001	8.628	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.316	276	237481	5.456	ng/ul	98
28) Dibenzo(a,h)anthracene	25.326	278	78256	2.456	ng/ul	96
29) Benzo(g,h,i)perylene	25.956	276	34933	0.911	ng/ul#	93

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



#5
Naphthalene
Concen: 1.589 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

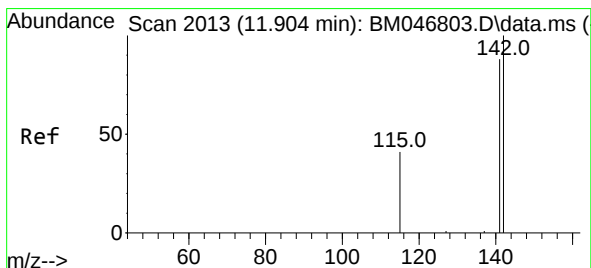
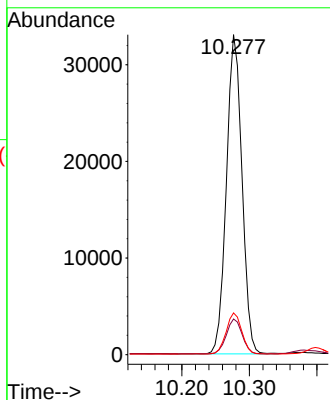
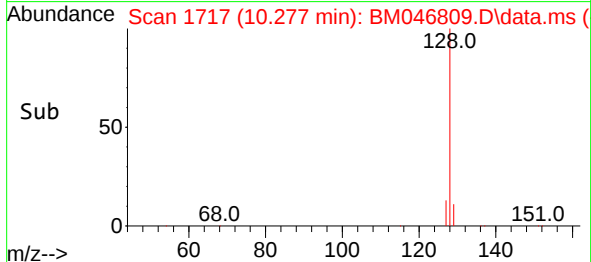
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:128 Resp: 5277
Ion Ratio Lower Upper
128 100
129 11.1 10.1 15.1
127 13.0 11.5 17.3

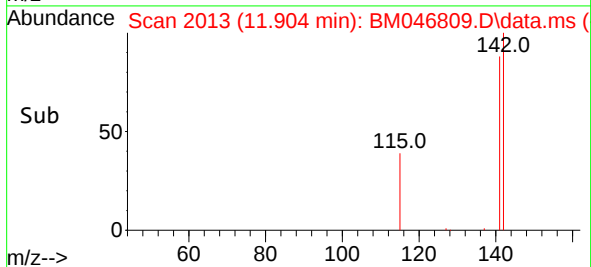
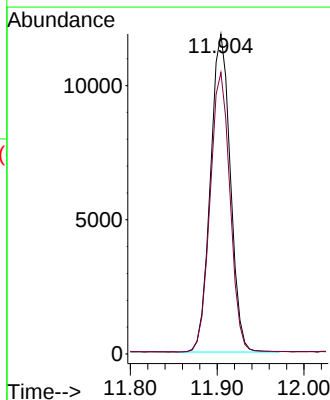
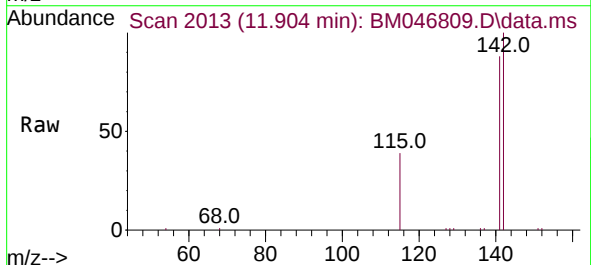
Manual Integrations
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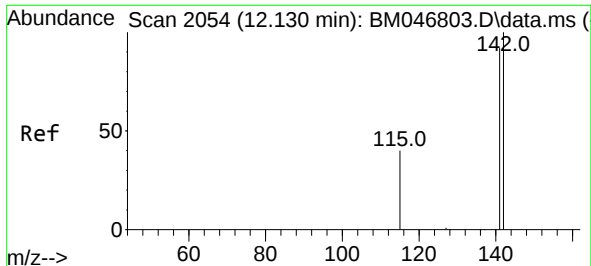
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#7
2-Methylnaphthalene
Concen: 0.825 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

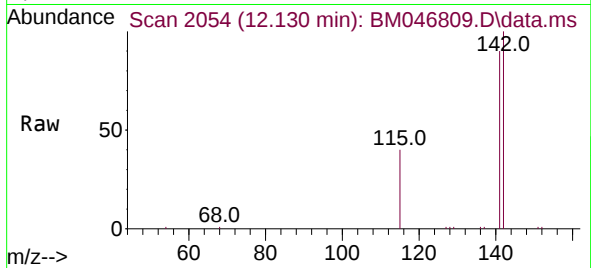
Tgt Ion:142 Resp: 18861
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.563 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

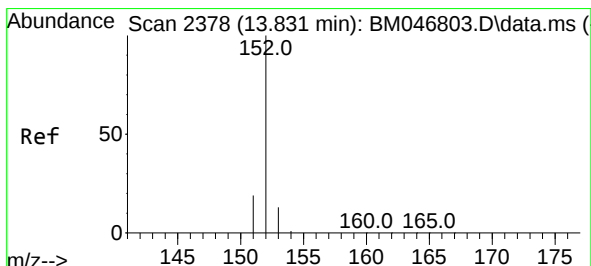
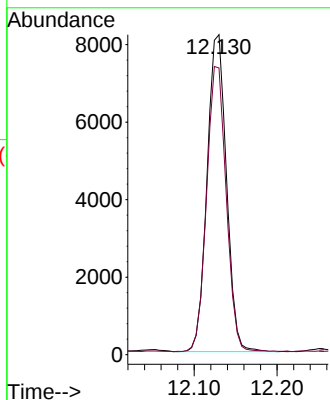
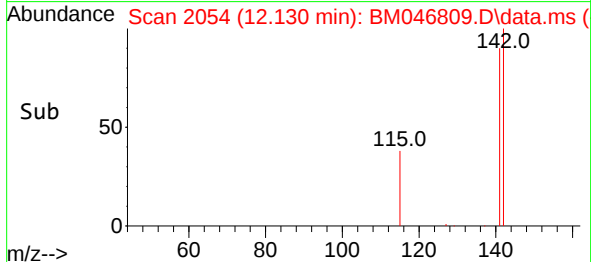
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:142 Resp: 13285
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7

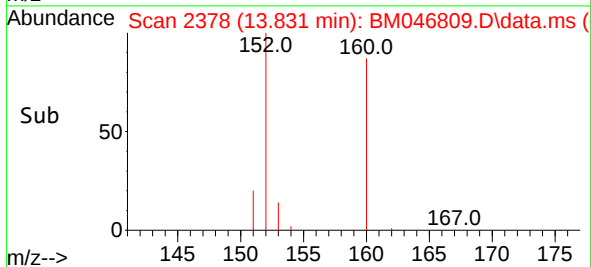
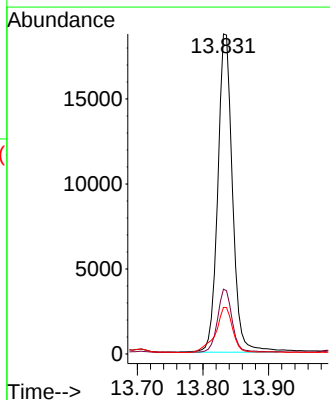
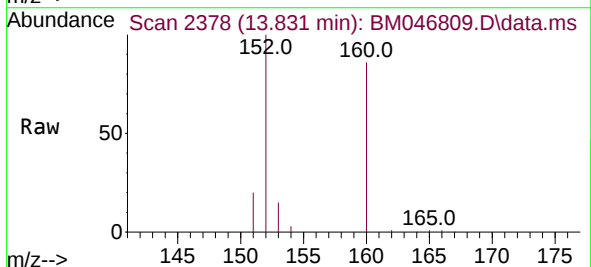
Manual Integrations
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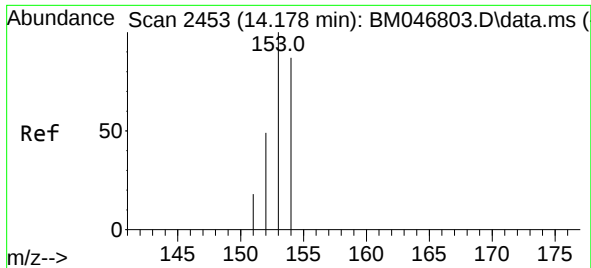
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#10
Acenaphthylene
Concen: 0.780 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

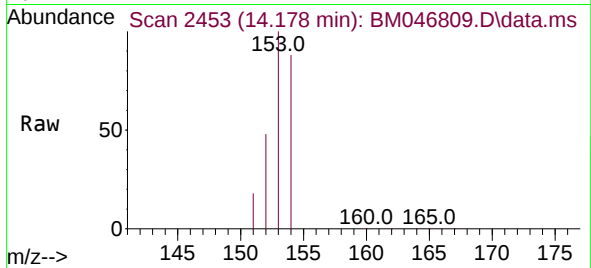
Tgt Ion:152 Resp: 29060
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.5 11.0 16.6





#11
Acenaphthene
Concen: 2.529 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

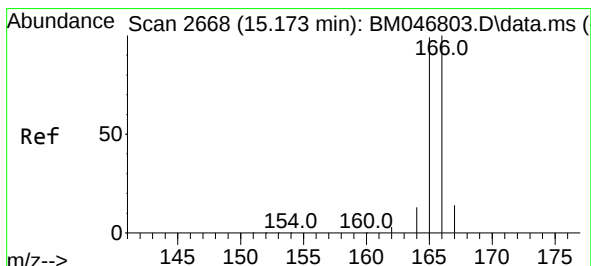
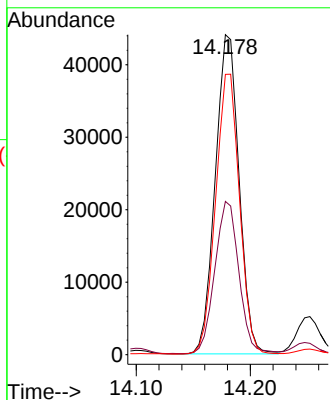
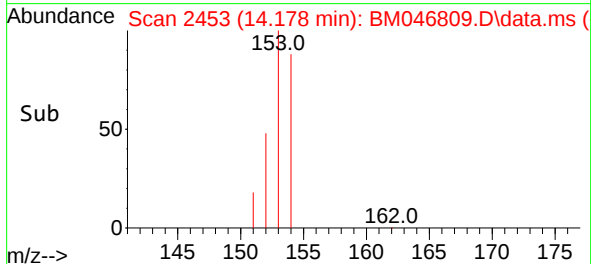
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:153 Resp: 63954
Ion Ratio Lower Upper
153 100
152 47.9 38.6 57.8
154 87.6 70.8 106.2

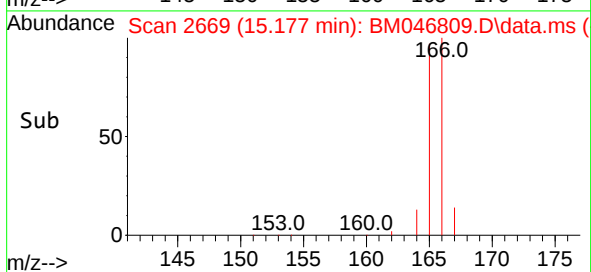
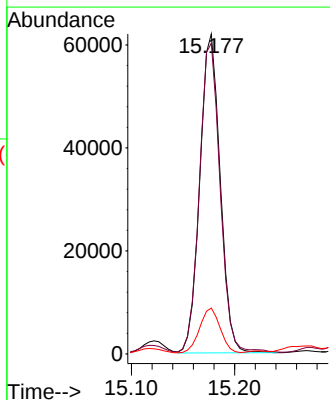
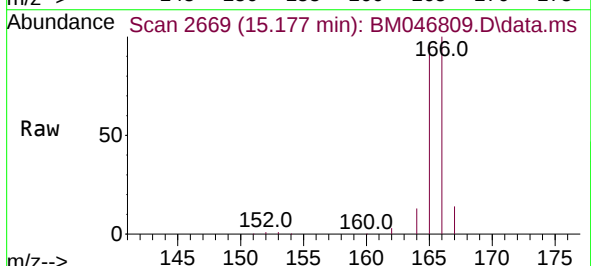
Manual Integrations
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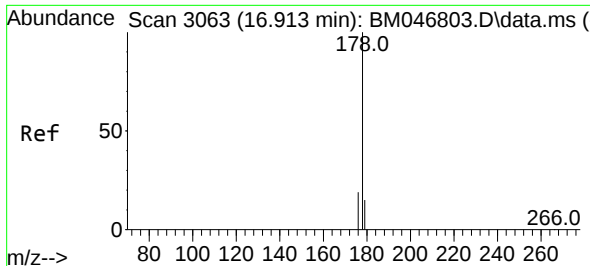
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 2.679 ng/ul
RT: 15.177 min Scan# 2669
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

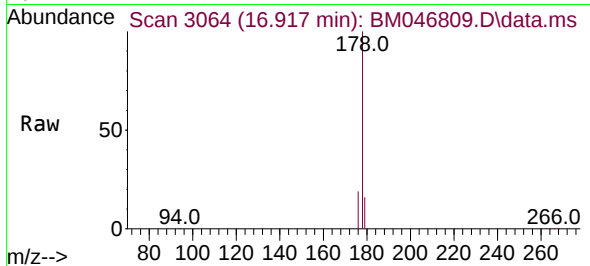
Tgt Ion:166 Resp: 84657
Ion Ratio Lower Upper
166 100
165 97.1 79.8 119.6
167 14.4 12.3 18.5





#15
Phenanthrene
Concen: 27.580 ng/u1
RT: 16.917 min Scan# 3063
Delta R.T. 0.004 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

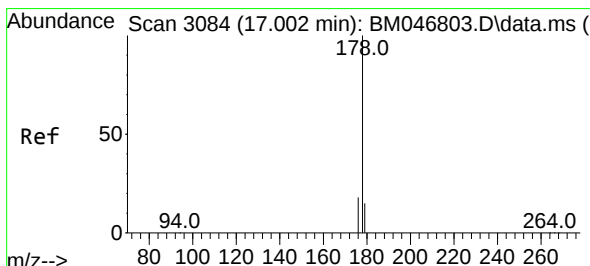
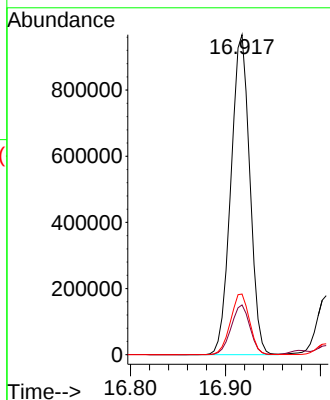
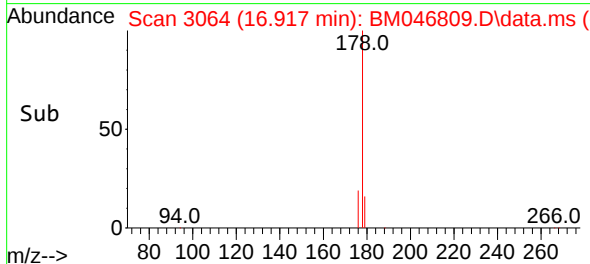
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:178 Resp: 1335230
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.9 16.1 24.1

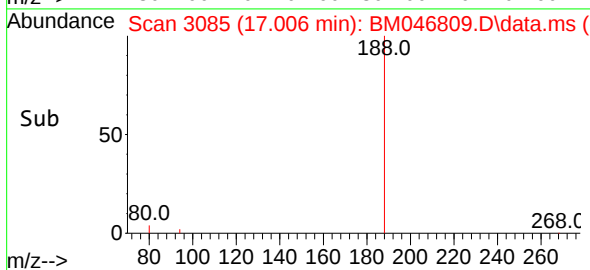
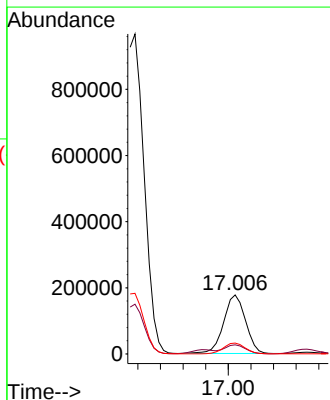
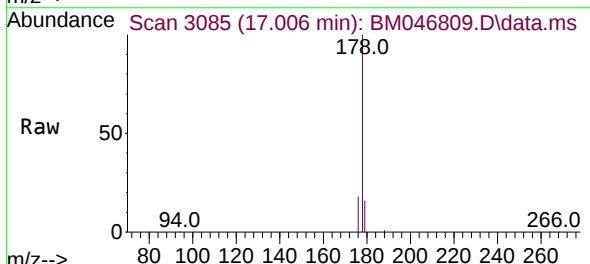
Manual Integrations
APPROVED

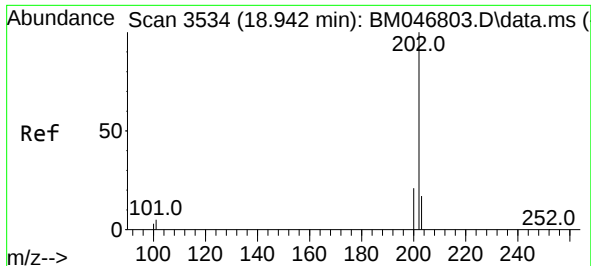
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#16
Anthracene
Concen: 5.293 ng/u1
RT: 17.006 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

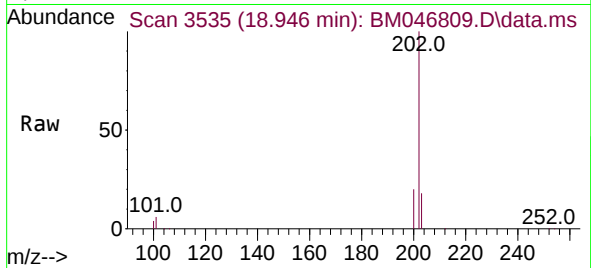
Tgt Ion:178 Resp: 238538
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 55.111 ng/u1
RT: 18.946 min Scan# 3534
Delta R.T. 0.005 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

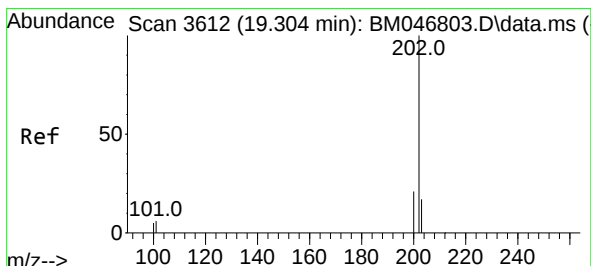
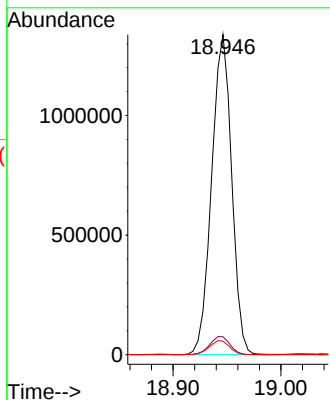
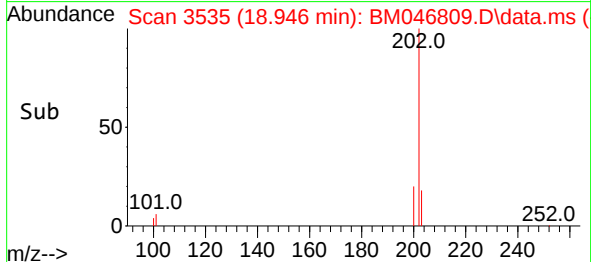
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:202 Resp: 1718935
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.2 3.4 5.2

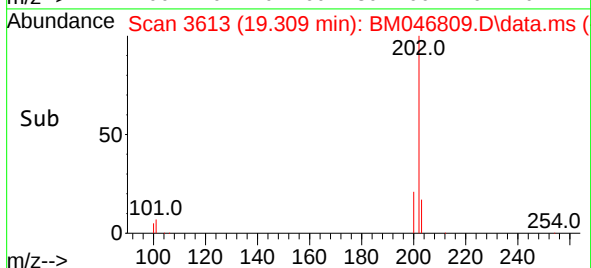
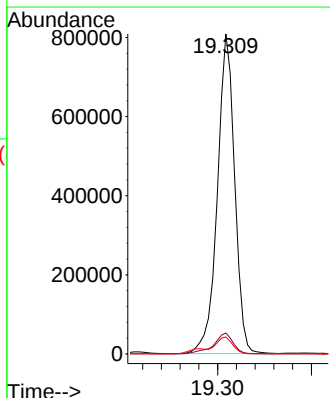
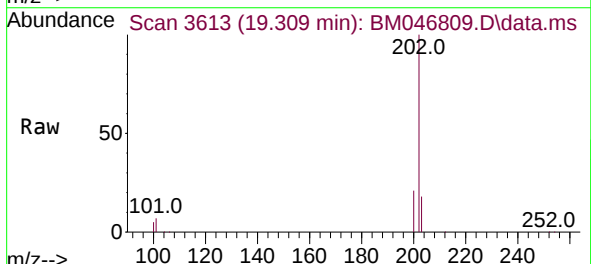
Manual Integrations
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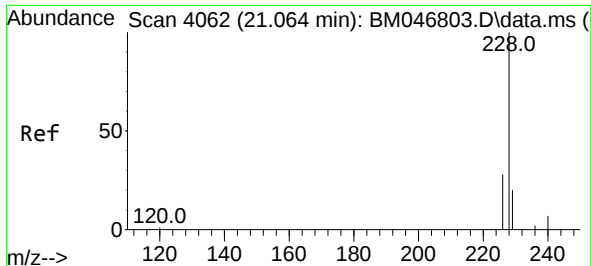
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#20
Pyrene
Concen: 32.086 ng/u1
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

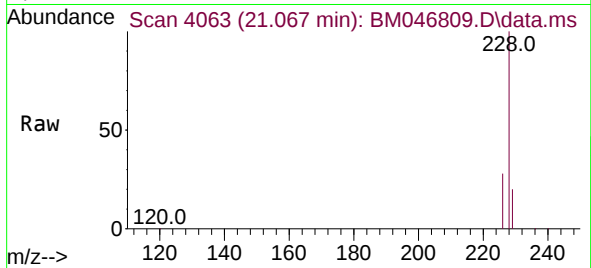
Tgt Ion:202 Resp: 1035246
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.3 4.3 6.5





#21
Benzo(a)anthracene
Concen: 17.748 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

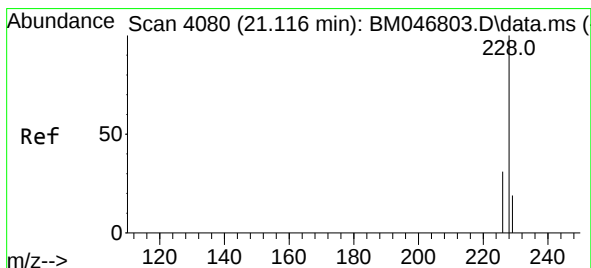
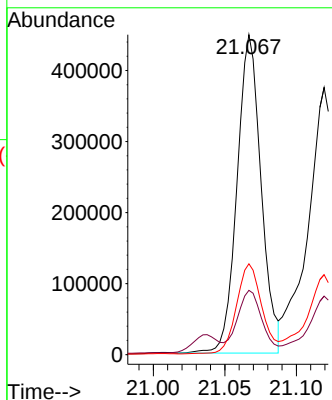
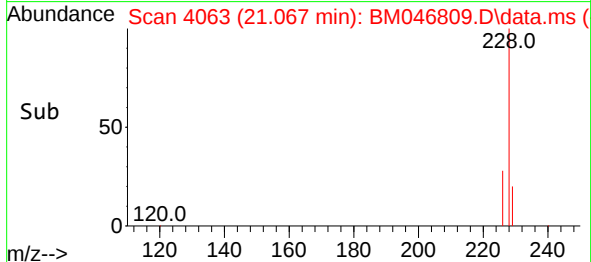
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:228 Resp: 525249
Ion Ratio Lower Upper
228 100
229 20.1 16.3 24.5
226 28.4 22.3 33.5

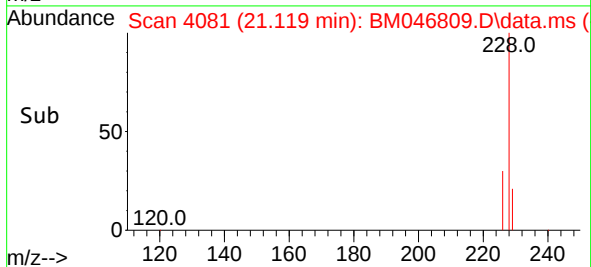
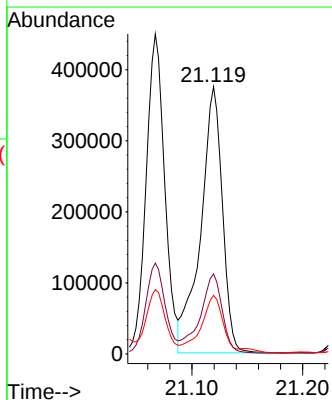
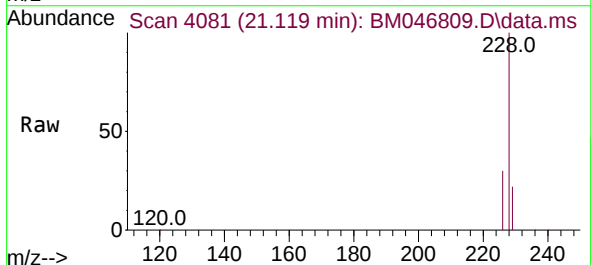
Manual Integrations
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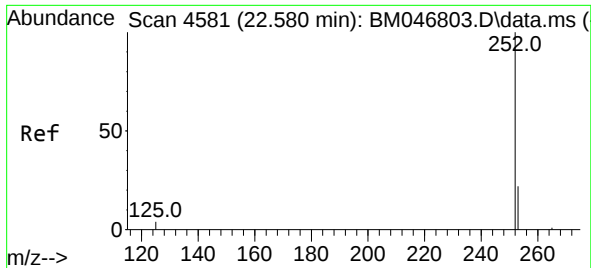
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#22
Chrysene
Concen: 17.006 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

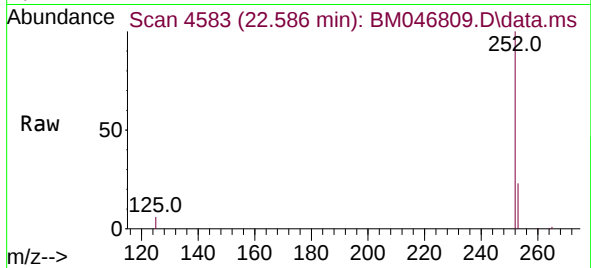
Tgt Ion:228 Resp: 511272
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 17.131 ng/ul m
RT: 22.586 min Scan# 4581
Delta R.T. 0.006 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

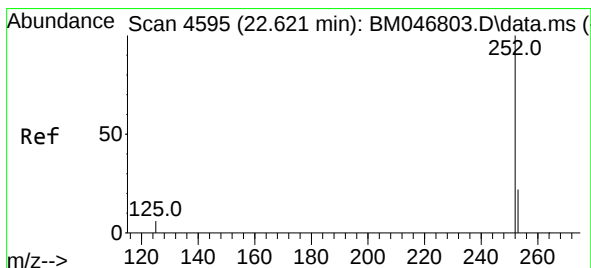
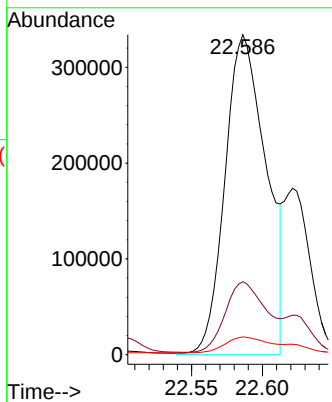
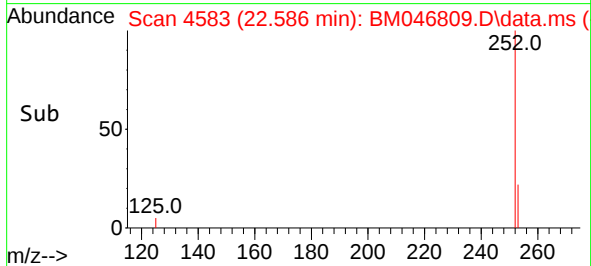
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:252 Resp: 674850
Ion Ratio Lower Upper
252 100
253 22.8 0.0 56.4
125 5.6 0.0 15.8

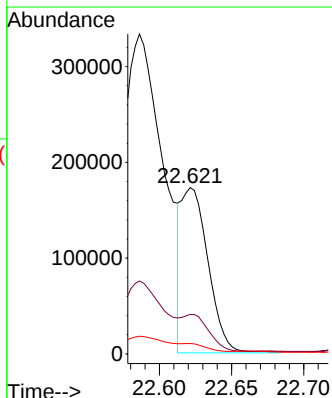
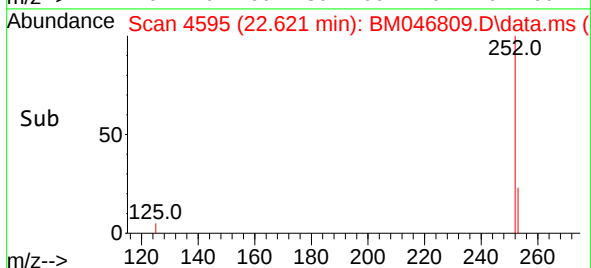
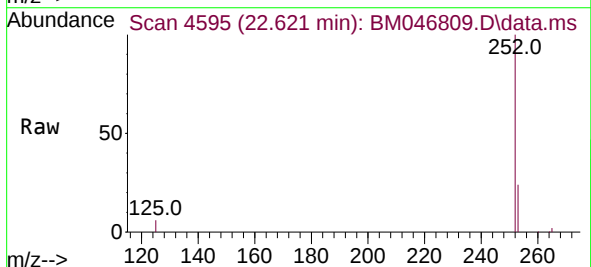
Manual Integrations
APPROVED

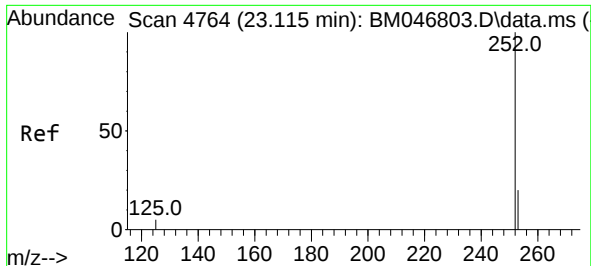
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#25
Benzo(k)fluoranthene
Concen: 5.600 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

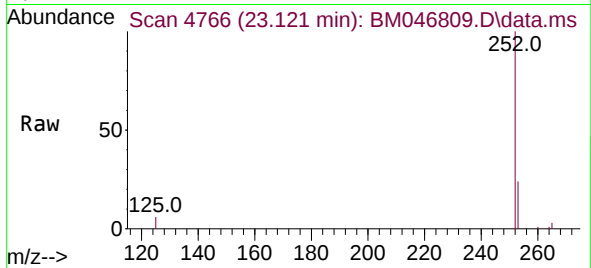
Tgt Ion:252 Resp: 222326
Ion Ratio Lower Upper
252 100
253 23.8 23.5 35.3
125 6.3 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 8.628 ng/ul
RT: 23.121 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

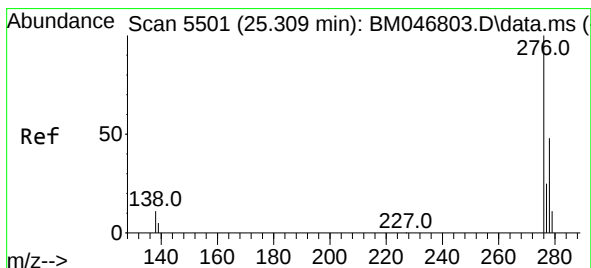
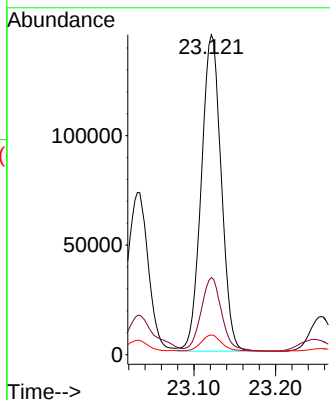
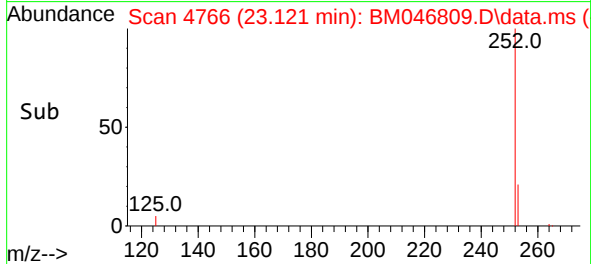
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:252 Resp: 244000
Ion Ratio Lower Upper
252 100
253 24.1 26.0 39.0
125 6.2 7.8 11.8

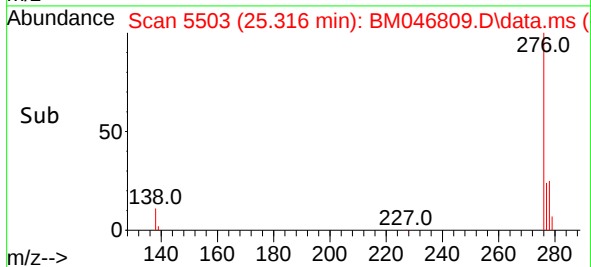
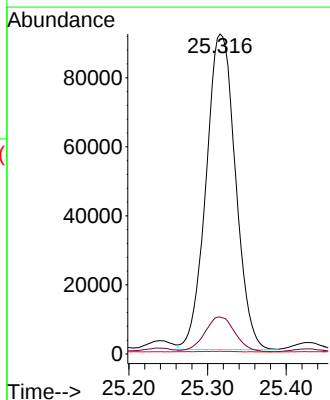
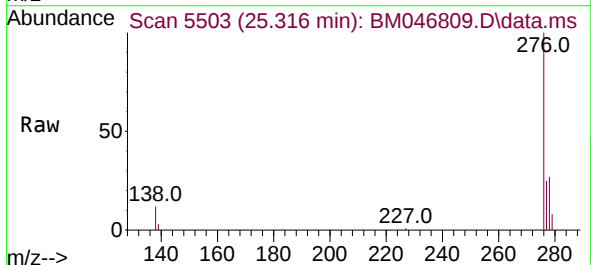
Manual Integrations
APPROVED

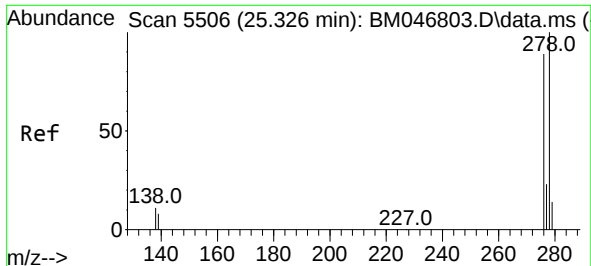
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.456 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. -0.000 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

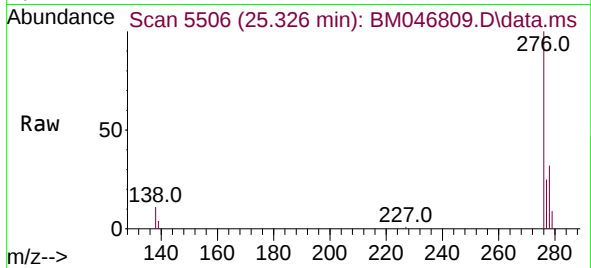
Tgt Ion:276 Resp: 237481
Ion Ratio Lower Upper
276 100
138 11.3 9.7 14.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 2.456 ng/ul
RT: 25.326 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

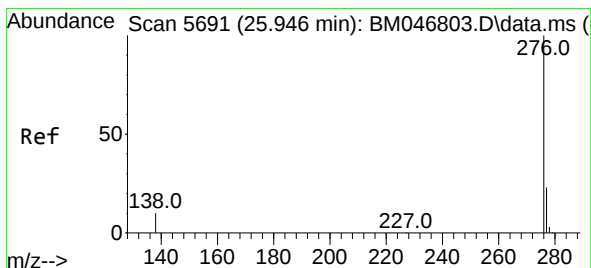
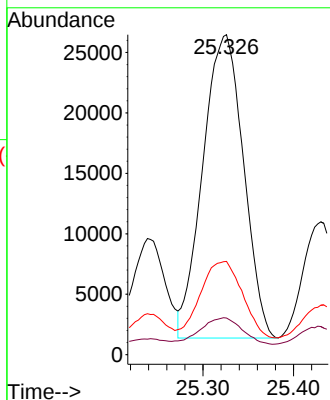
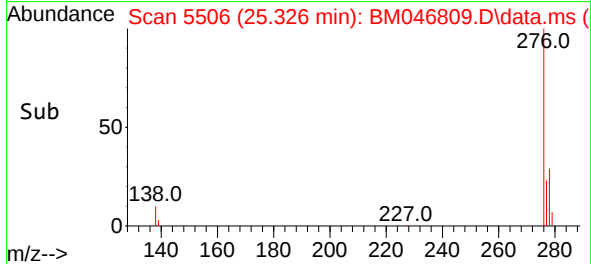
Instrument :
BNA_M
ClientSampleId :
A4BB0



Tgt Ion:278 Resp: 78250
Ion Ratio Lower Upper
278 100
139 11.4 9.8 14.8
279 29.1 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.911 ng/ul
RT: 25.956 min Scan# 5694
Delta R.T. 0.003 min
Lab File: BM046809.D
Acq: 25 Jul 2024 20:51

Tgt Ion:276 Resp: 34933
Ion Ratio Lower Upper
276 100
138 15.1 9.5 14.3#
277 29.1 20.9 31.3

