

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046630.D
 Acq On : 16 Jul 2024 12:37
 Operator : MA/JU
 Sample : P3139-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D00MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 13:19:16 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	7.501	152	4005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	11481	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.149	164	7937	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	16803	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.108	240	11269	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	12988	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	925	0.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.864	152	5181	0.280	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	11893	0.347	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	2543	0.724	ng/ul#	81
5) Naphthalene	10.314	128	12705	0.435	ng/ul	96
7) 2-Methylnaphthalene	11.936	142	9432	0.460	ng/ul	99
8) 1-Methylnaphthalene	12.161	142	9336	0.446	ng/ul	100
10) Acenaphthylene	13.862	152	24003	0.664	ng/ul	98
11) Acenaphthene	14.209	153	9729	0.402	ng/ul	97
12) Fluorene	15.204	166	12853m	0.429	ng/ul	
14) Pentachlorophenol	16.557	266	4572	0.537	ng/ul	99
15) Phenanthrene	16.941	178	124124	2.589	ng/ul	98
16) Anthracene	17.030	178	31791	0.679	ng/ul	99
19) Fluoranthene	18.968	202	241472	5.217	ng/ul	99
20) Pyrene	19.335	202	133493	2.664	ng/ul	99
21) Benzo(a)anthracene	21.093	228	97980	1.965	ng/ul	96
22) Chrysene	21.146	228	117516	2.436	ng/ul	98
24) Benzo(b)fluoranthene	22.619	252	141825m	2.734	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	62031m	1.218	ng/ul	
26) Benzo(a)pyrene	23.160	252	38017	0.890	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.377	276	49080	0.755	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.393	278	28931	0.562	ng/ul#	91
29) Benzo(g,h,i)perylene	26.027	276	6843	0.132	ng/ul#	59

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

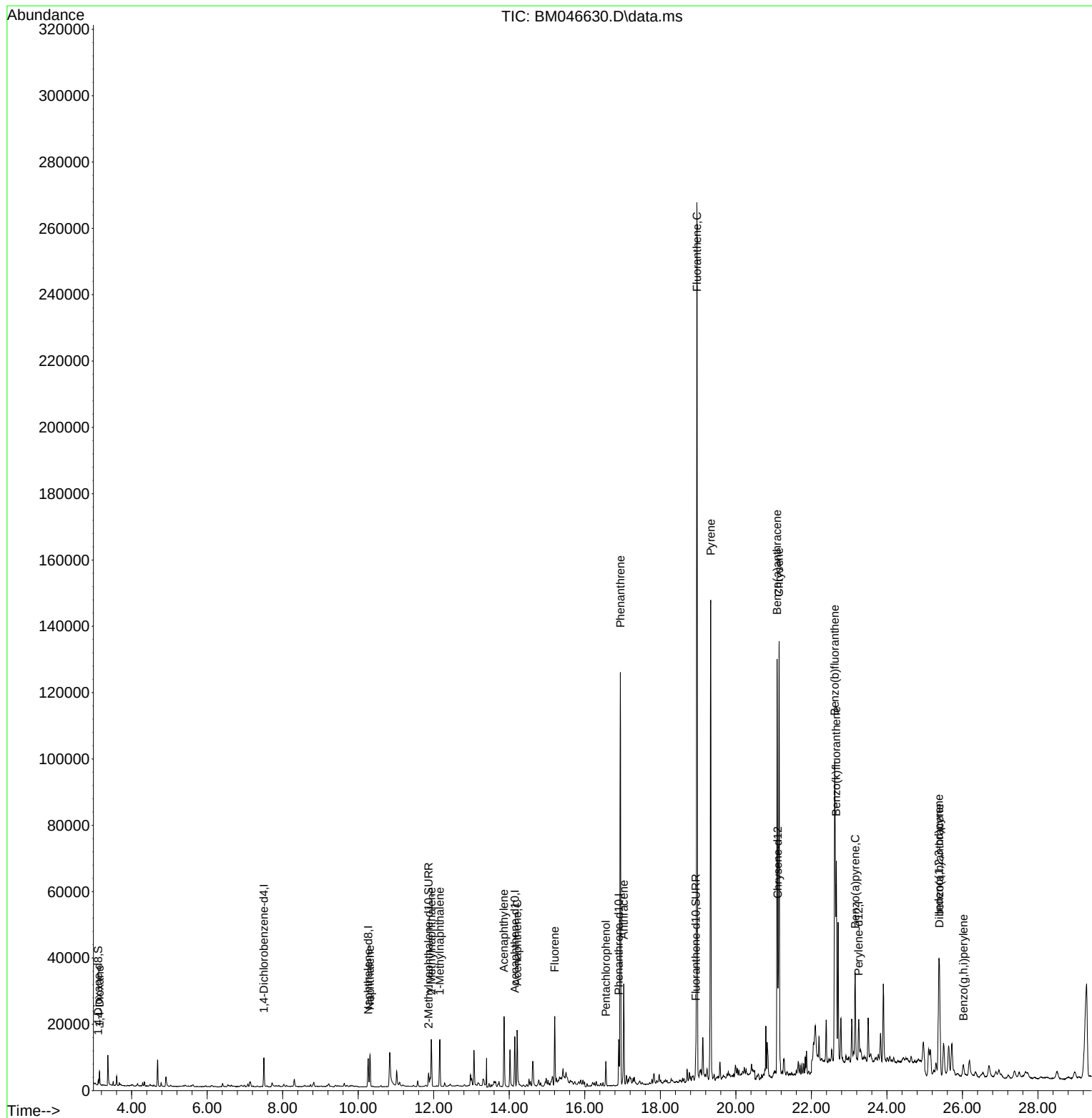
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046630.D
Acq On : 16 Jul 2024 12:37
Operator : MA/JU
Sample : P3139-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

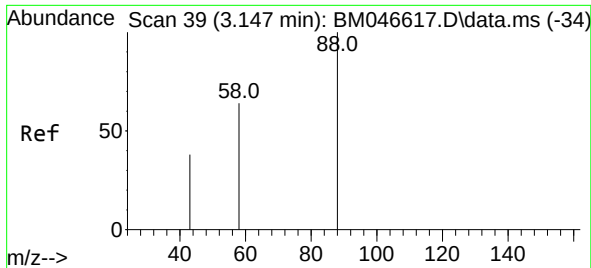
Instrument :
BNA_M
ClientSampleId :
A4D00MS

Quant Time: Jul 16 13:19:16 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

Manual Integrations
APPROVED

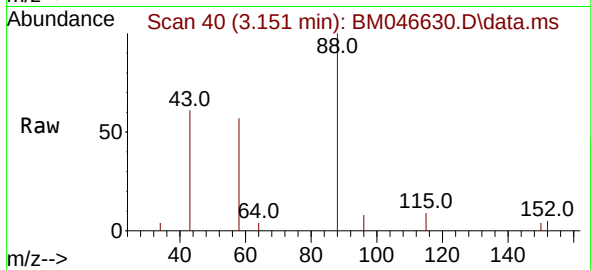
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024





#2
1,4-Dioxane
Concen: 0.724 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

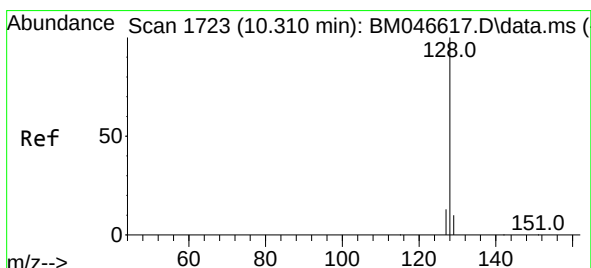
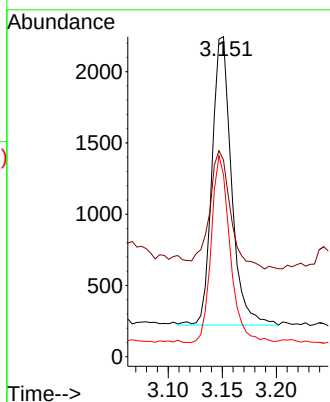
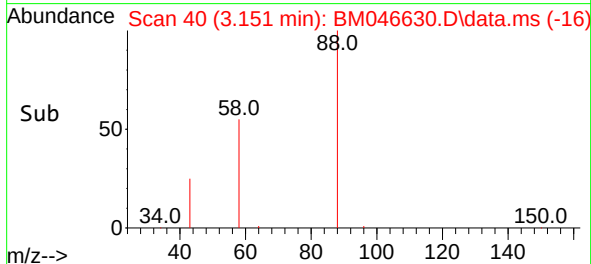
Instrument :
BNA_M
ClientSampleId :
A4D00MS



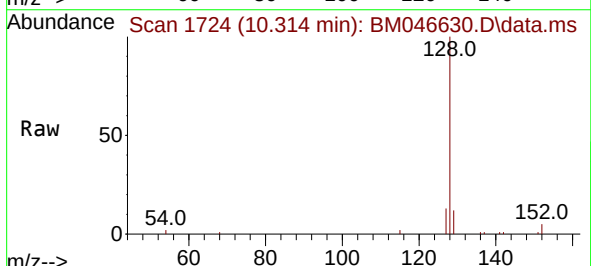
Tgt Ion: 88 Resp: 254
Ion Ratio Lower Upper
88 100
43 61.4 70.2 105.4
58 56.9 48.2 72.4

Manual Integrations
APPROVED

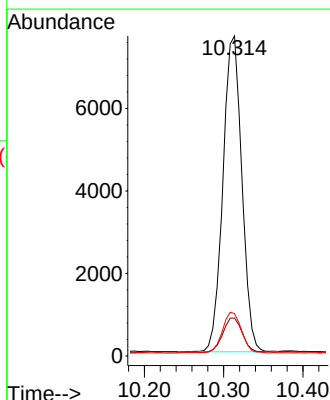
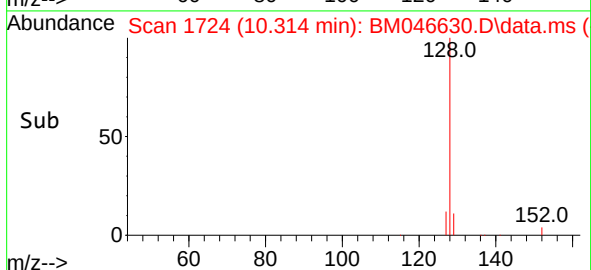
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

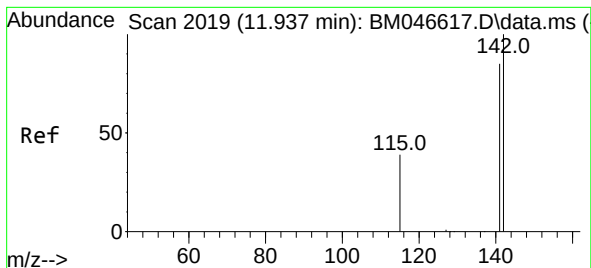


#5
Naphthalene
Concen: 0.435 ng/ul
RT: 10.314 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37



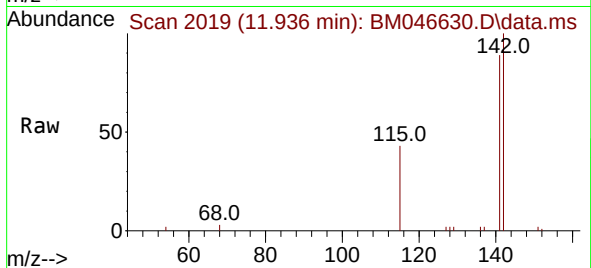
Tgt Ion:128 Resp: 12705
Ion Ratio Lower Upper
128 100
129 11.9 10.3 15.5
127 13.2 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.460 ng/ul
RT: 11.936 min Scan# 2019
Delta R.T. -0.007 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

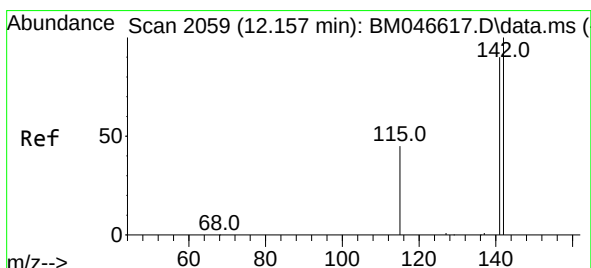
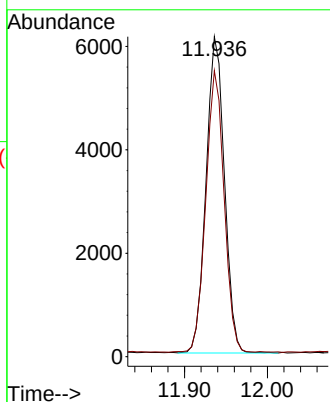
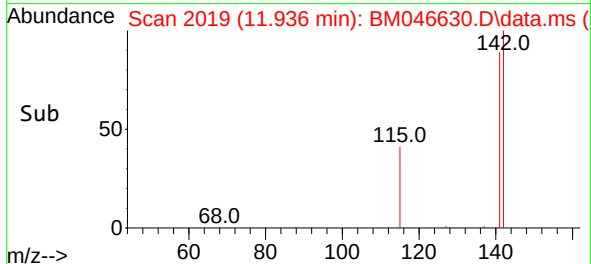
Instrument :
BNA_M
ClientSampleId :
A4D00MS



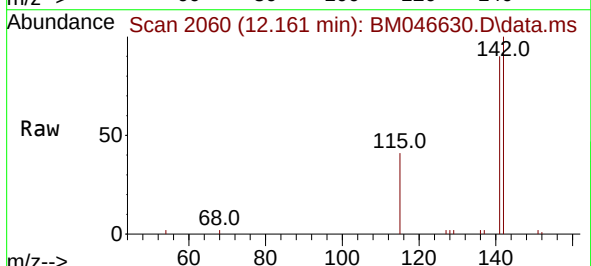
Tgt Ion:142 Resp: 9432
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

Manual Integrations
APPROVED

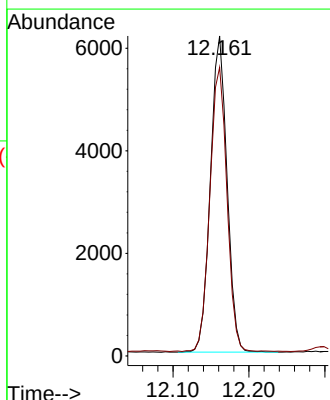
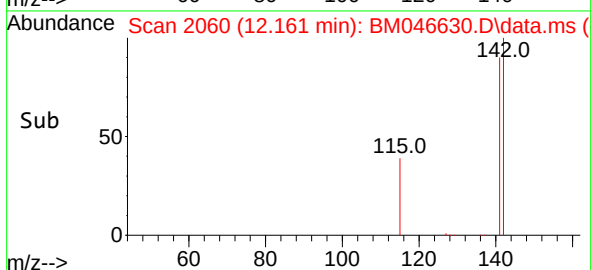
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

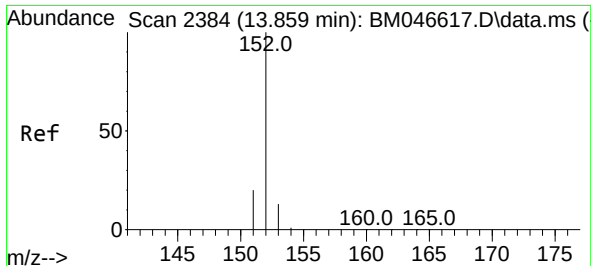


#8
1-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.161 min Scan# 2060
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37



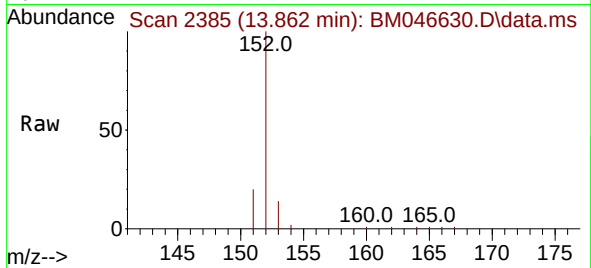
Tgt Ion:142 Resp: 9336
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9





#10
Acenaphthylene
Concen: 0.664 ng/ul
RT: 13.862 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

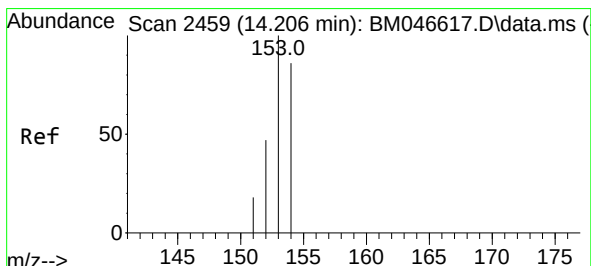
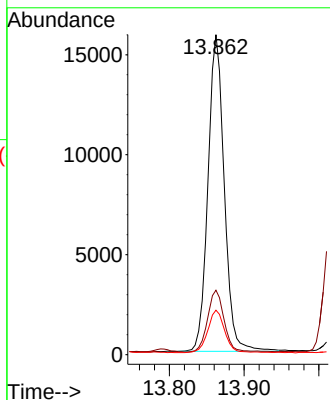
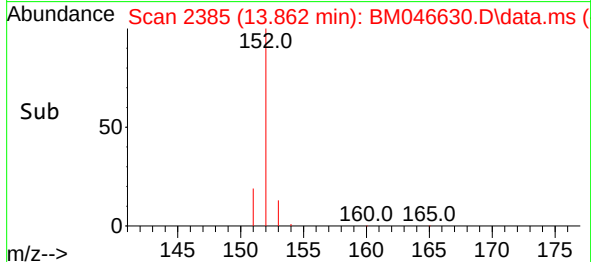
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:152 Resp: 2400
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 12.4 18.6

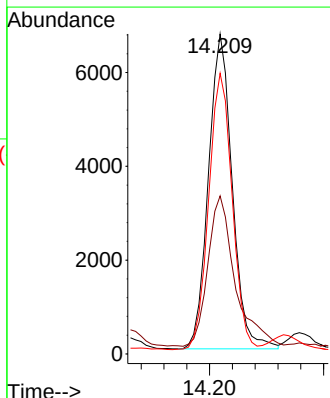
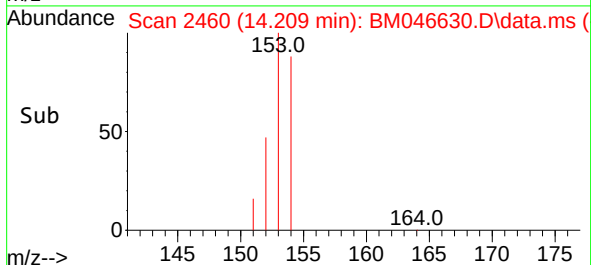
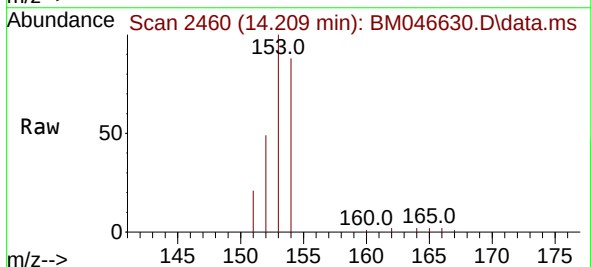
Manual Integrations
APPROVED

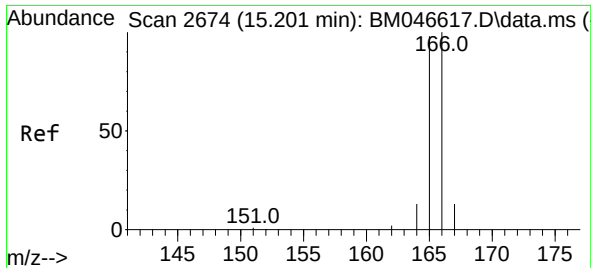
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

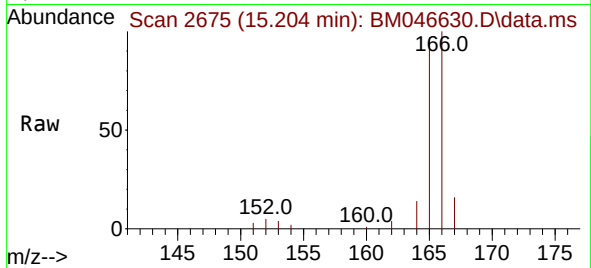
Tgt Ion:153 Resp: 9729
Ion Ratio Lower Upper
153 100
152 49.4 43.0 64.6
154 87.7 69.9 104.9





#12
Fluorene
Concen: 0.429 ng/ul m
RT: 15.204 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

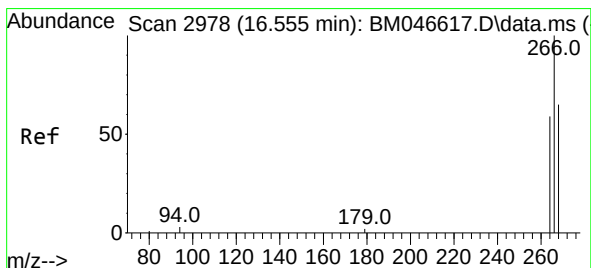
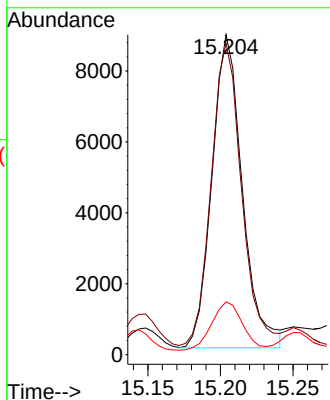
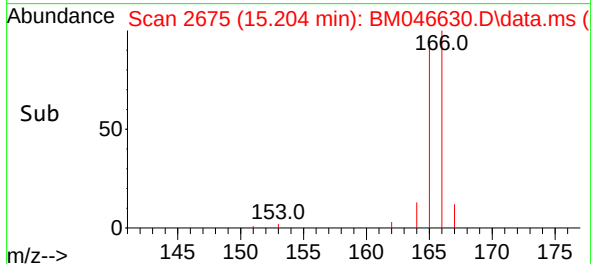
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:166 Resp: 1285
Ion Ratio Lower Upper
166 100
165 97.3 76.1 114.1
167 16.5 12.5 18.7

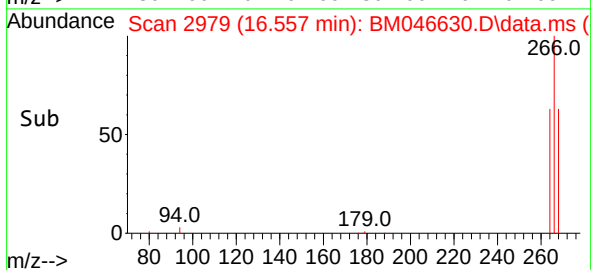
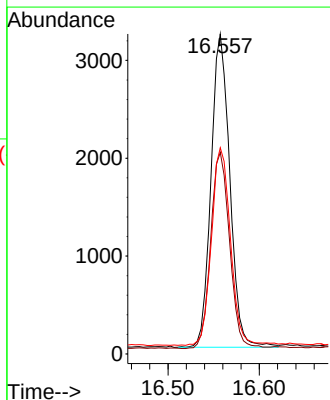
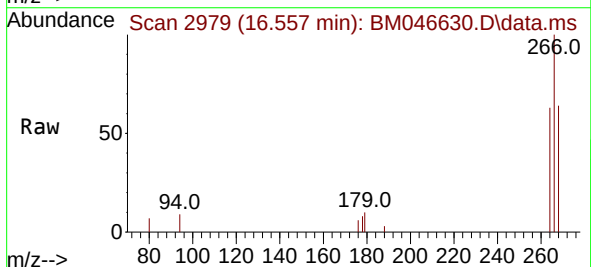
Manual Integrations
APPROVED

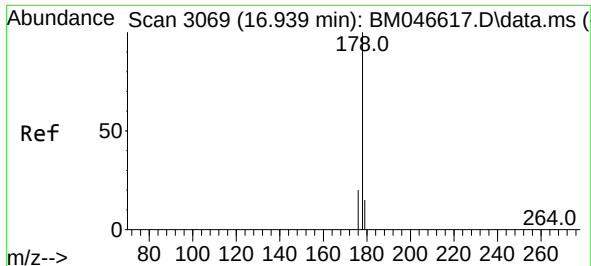
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#14
Pentachlorophenol
Concen: 0.537 ng/ul
RT: 16.557 min Scan# 2979
Delta R.T. 0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

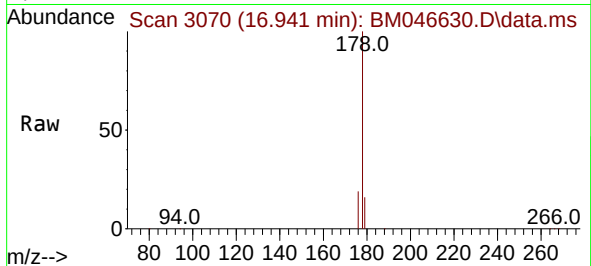
Tgt Ion:266 Resp: 4572
Ion Ratio Lower Upper
266 100
264 63.0 50.1 75.1
268 64.3 52.5 78.7





#15
Phenanthrene
Concen: 2.589 ng/ul
RT: 16.941 min Scan# 3070
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

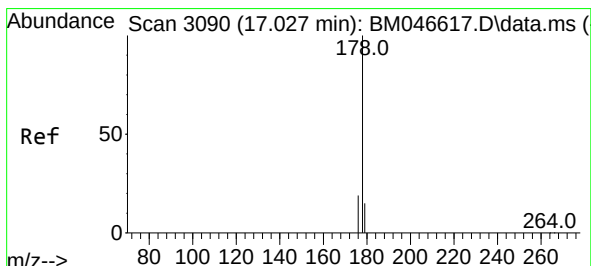
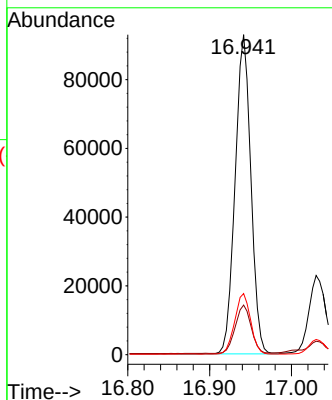
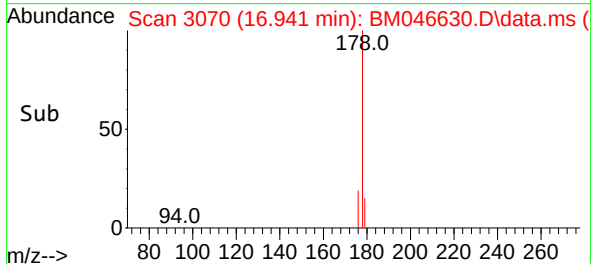
Instrument :
BNA_M
ClientSampleId :
A4D00MS



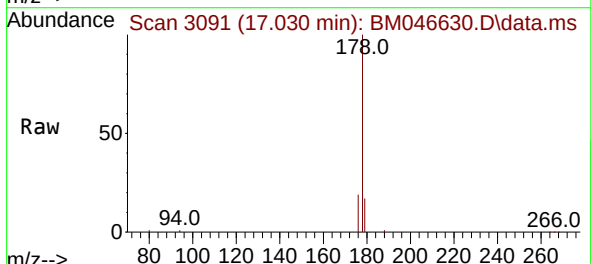
Tgt Ion:178 Resp: 124124
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.1 16.0 24.0

Manual Integrations
APPROVED

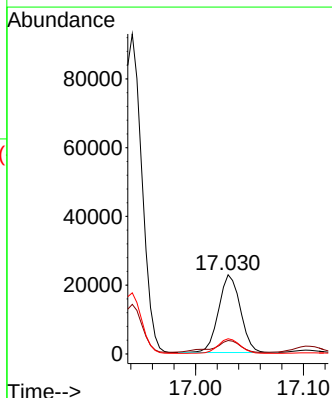
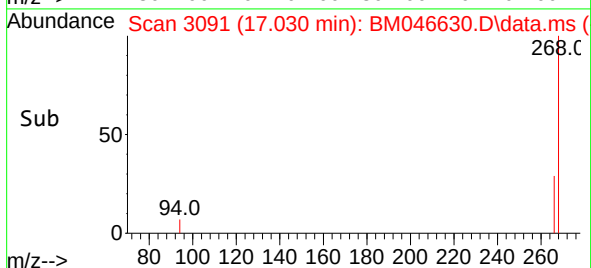
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

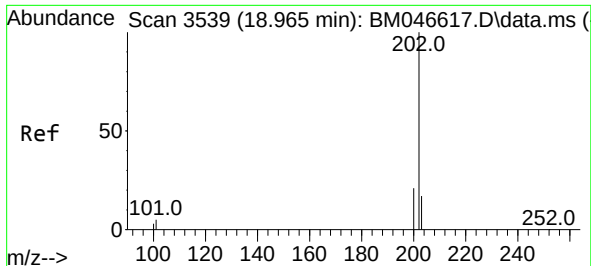


#16
Anthracene
Concen: 0.679 ng/ul
RT: 17.030 min Scan# 3091
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37



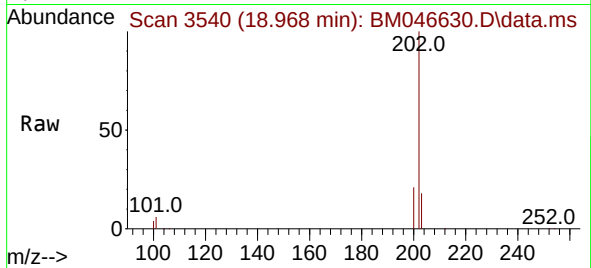
Tgt Ion:178 Resp: 31791
Ion Ratio Lower Upper
178 100
179 17.0 13.5 20.3
176 19.2 15.7 23.5





#19
Fluoranthene
Concen: 5.217 ng/ul
RT: 18.968 min Scan# 3540
Delta R.T. -0.002 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

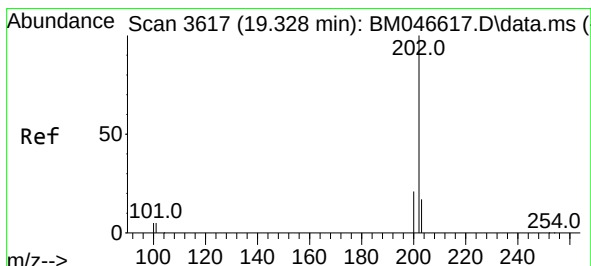
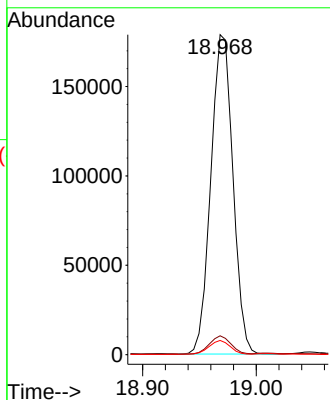
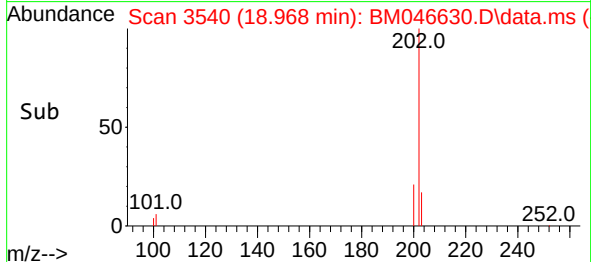
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:202 Resp: 241472
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.5 3.0 4.6

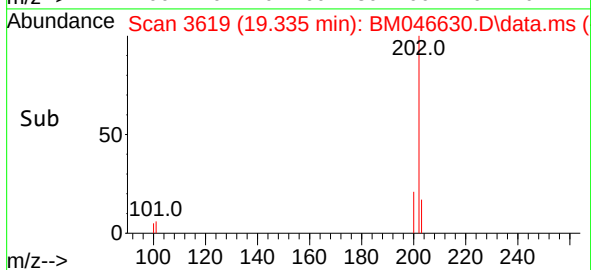
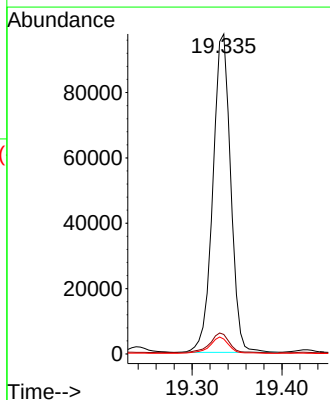
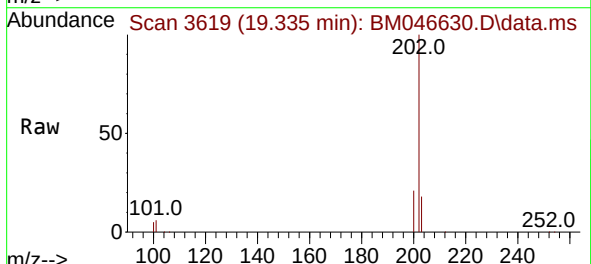
Manual Integrations
APPROVED

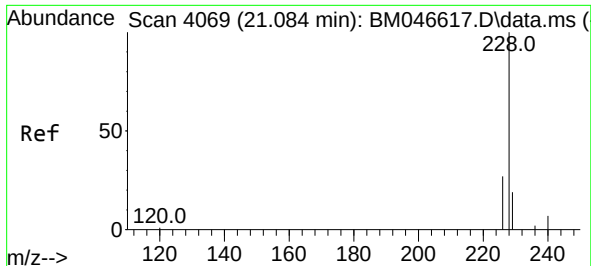
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 2.664 ng/ul
RT: 19.335 min Scan# 3619
Delta R.T. 0.003 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

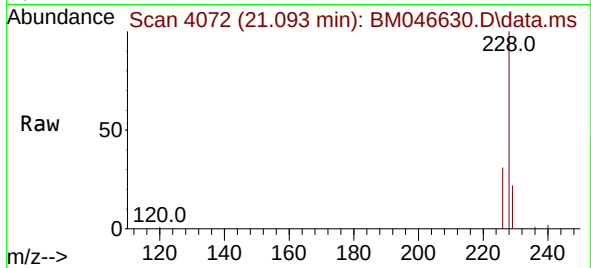
Tgt Ion:202 Resp: 133493
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 4.7 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.965 ng/ul
RT: 21.093 min Scan# 4069
Delta R.T. 0.006 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

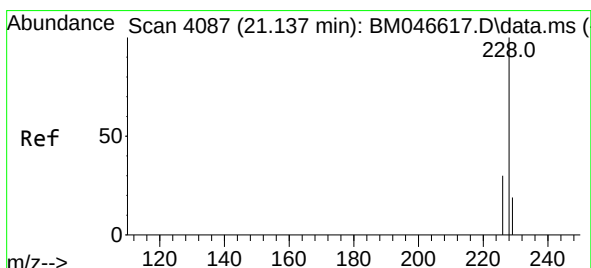
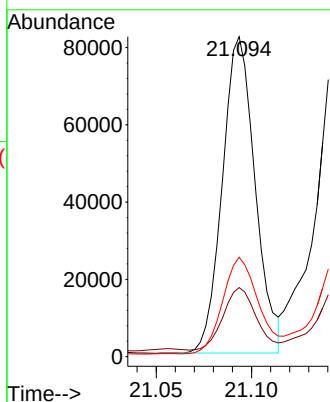
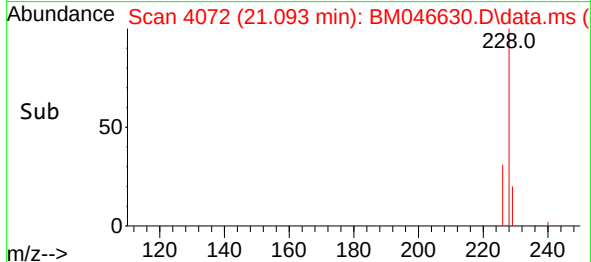
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:228 Resp: 97980
Ion Ratio Lower Upper
228 100
229 21.6 16.5 24.7
226 31.1 22.5 33.7

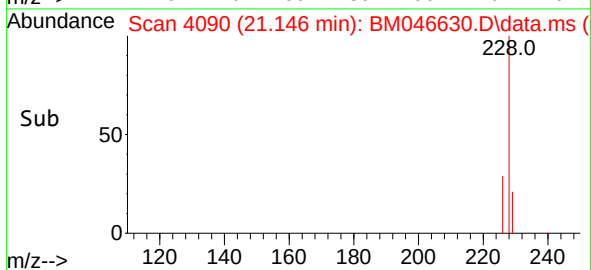
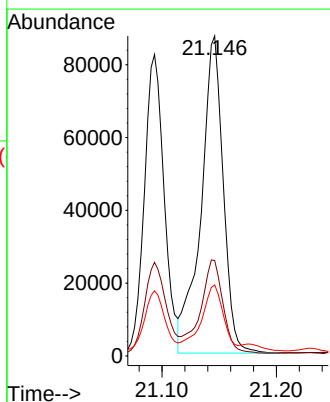
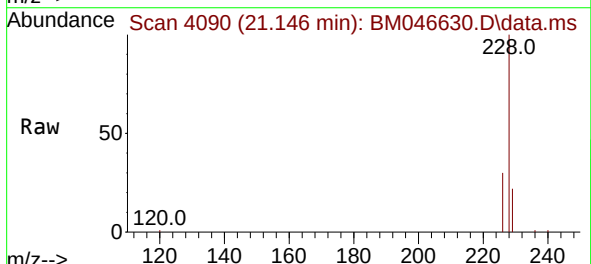
Manual Integrations
APPROVED

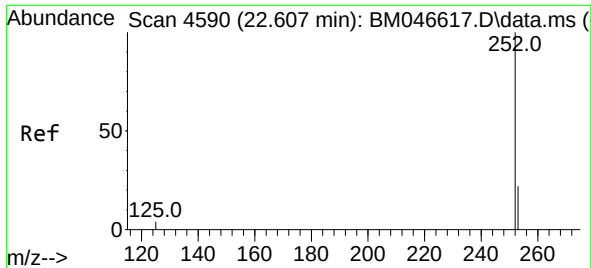
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 2.436 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

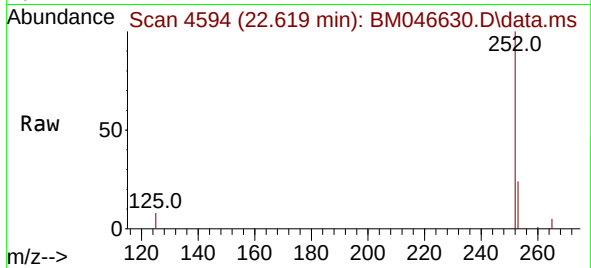
Tgt Ion:228 Resp: 117516
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.734 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

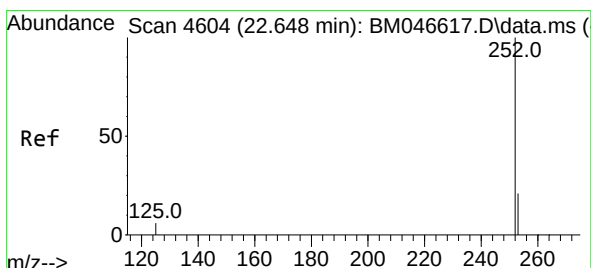
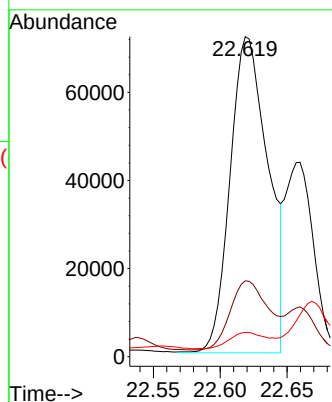
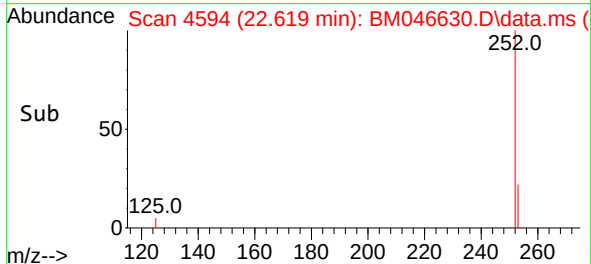
Instrument :
BNA_M
ClientSampleId :
A4D00MS



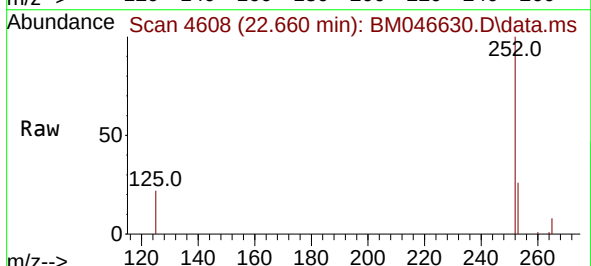
Tgt Ion:252 Resp: 141825
Ion Ratio Lower Upper
252 100
253 23.7 0.0 56.2
125 7.6 0.0 17.8

Manual Integrations
APPROVED

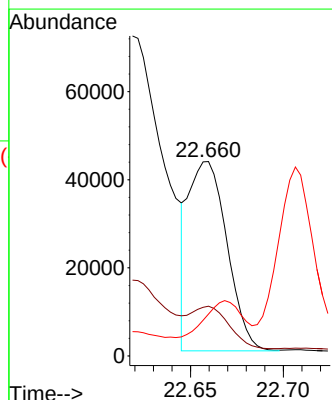
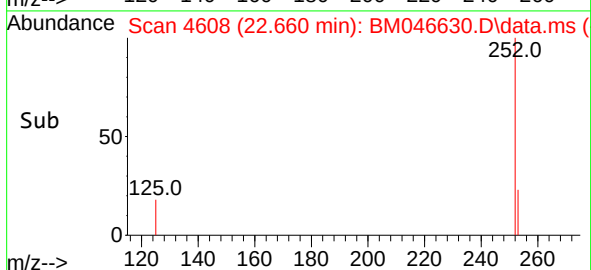
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

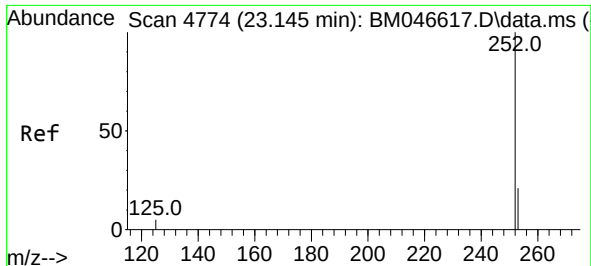


#25
Benzo(k)fluoranthene
Concen: 1.218 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. 0.009 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37



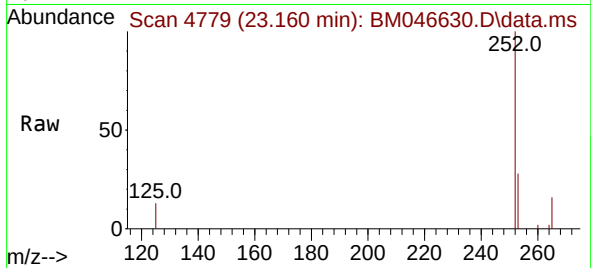
Tgt Ion:252 Resp: 62031
Ion Ratio Lower Upper
252 100
253 25.6 22.4 33.6
125 21.5 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.890 ng/ul
RT: 23.160 min Scan# 4779
Delta R.T. 0.009 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

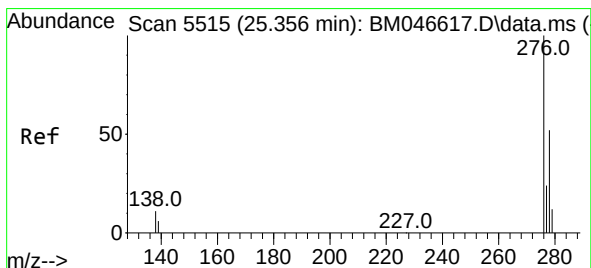
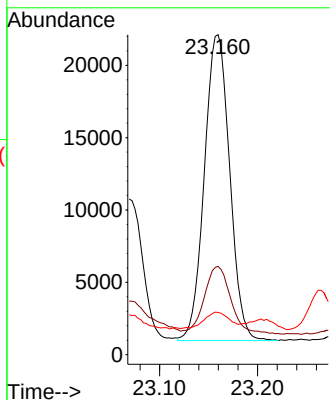
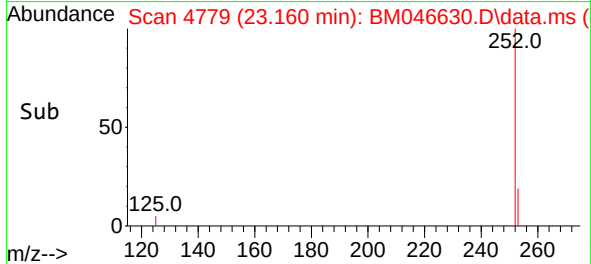
Instrument :
BNA_M
ClientSampleId :
A4D00MS



Tgt Ion:252 Resp: 3801
Ion Ratio Lower Upper
252 100
253 27.6 24.0 36.0
125 13.2 8.2 12.2

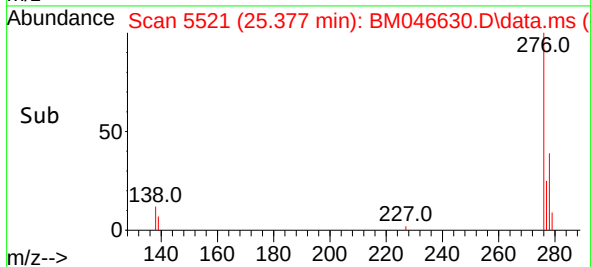
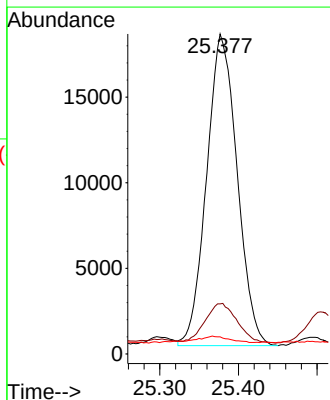
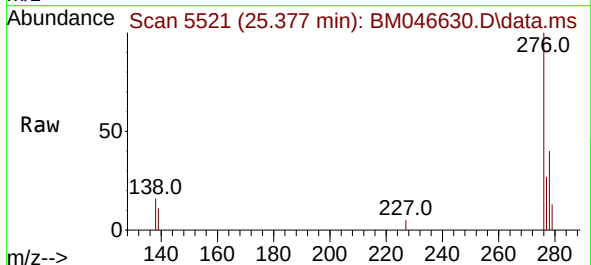
Manual Integrations
APPROVED

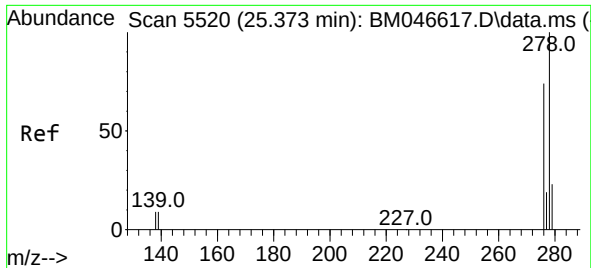
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.755 ng/ul
RT: 25.377 min Scan# 5521
Delta R.T. 0.017 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

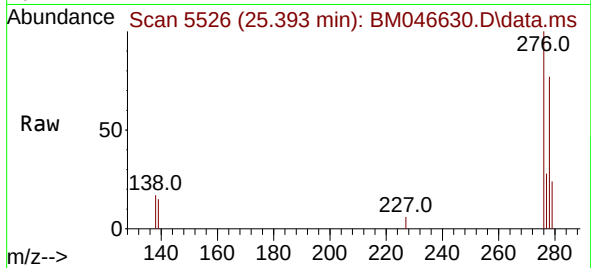
Tgt Ion:276 Resp: 49080
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
227 2.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.562 ng/ul
RT: 25.393 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37

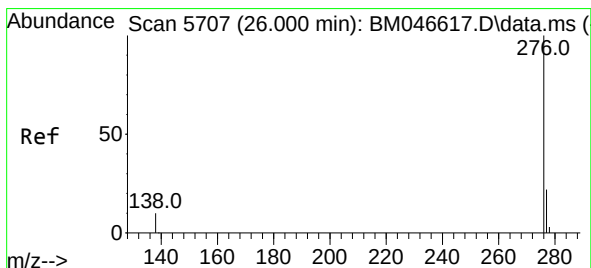
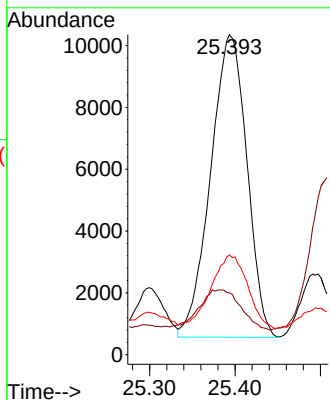
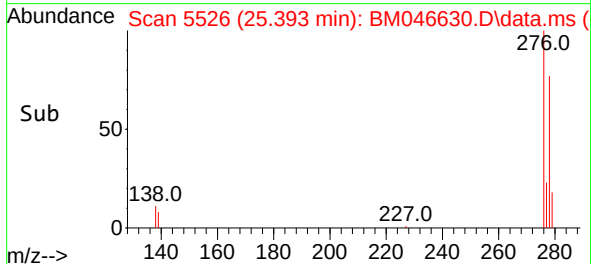
Instrument :
BNA_M
ClientSampleId :
A4D00MS



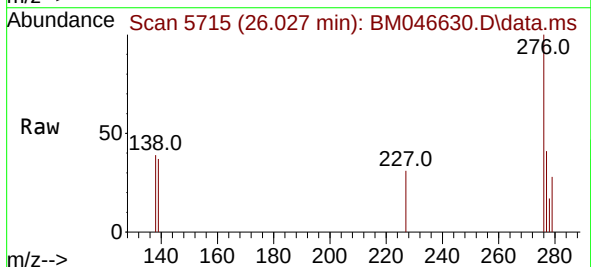
Tgt Ion:278 Resp: 2893
Ion Ratio Lower Upper
278 100
139 19.3 9.1 13.7
279 31.2 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.027 min Scan# 5715
Delta R.T. 0.023 min
Lab File: BM046630.D
Acq: 16 Jul 2024 12:37



Tgt Ion:276 Resp: 6843
Ion Ratio Lower Upper
276 100
138 38.9 10.2 15.4#
277 41.0 20.9 31.3#

