

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046814.D
 Acq On : 25 Jul 2024 23:53
 Operator : MA/JU
 Sample : P3263-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB1

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 00:31:35 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	3951	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	11565	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	6945	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	13729m	0.400	ng/ul	0.00
17) Chrysene-d12	21.084	240	6833	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	7902	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	10028	3.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	4838	0.263	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	7822	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.276	128	5741	0.196	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	2273	0.113	ng/ul	97
8) 1-Methylnaphthalene	12.130	142	1972	0.095	ng/ul	96
10) Acenaphthylene	13.836	152	10351	0.325	ng/ul	99
11) Acenaphthene	14.183	153	8847	0.410	ng/ul	98
12) Fluorene	15.177	166	13141	0.487	ng/ul	98
15) Phenanthrene	16.913	178	242512	6.146	ng/ul	98
16) Anthracene	17.006	178	46016	1.253	ng/ul	100
19) Fluoranthene	18.946	202	363020	12.097	ng/ul	99
20) Pyrene	19.309	202	234543	7.555	ng/ul	100
21) Benzo(a)anthracene	21.067	228	138136	4.851	ng/ul	98
22) Chrysene	21.119	228	133298	4.608	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	167014m	4.814	ng/ul	
25) Benzo(k)fluoranthene	22.624	252	61969m	1.773	ng/ul	
26) Benzo(a)pyrene	23.124	252	62818	2.522	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.319	276	61828	1.613	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.326	278	21540	0.768	ng/ul#	91
29) Benzo(g,h,i)perylene	25.963	276	9603	0.284	ng/ul#	76

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

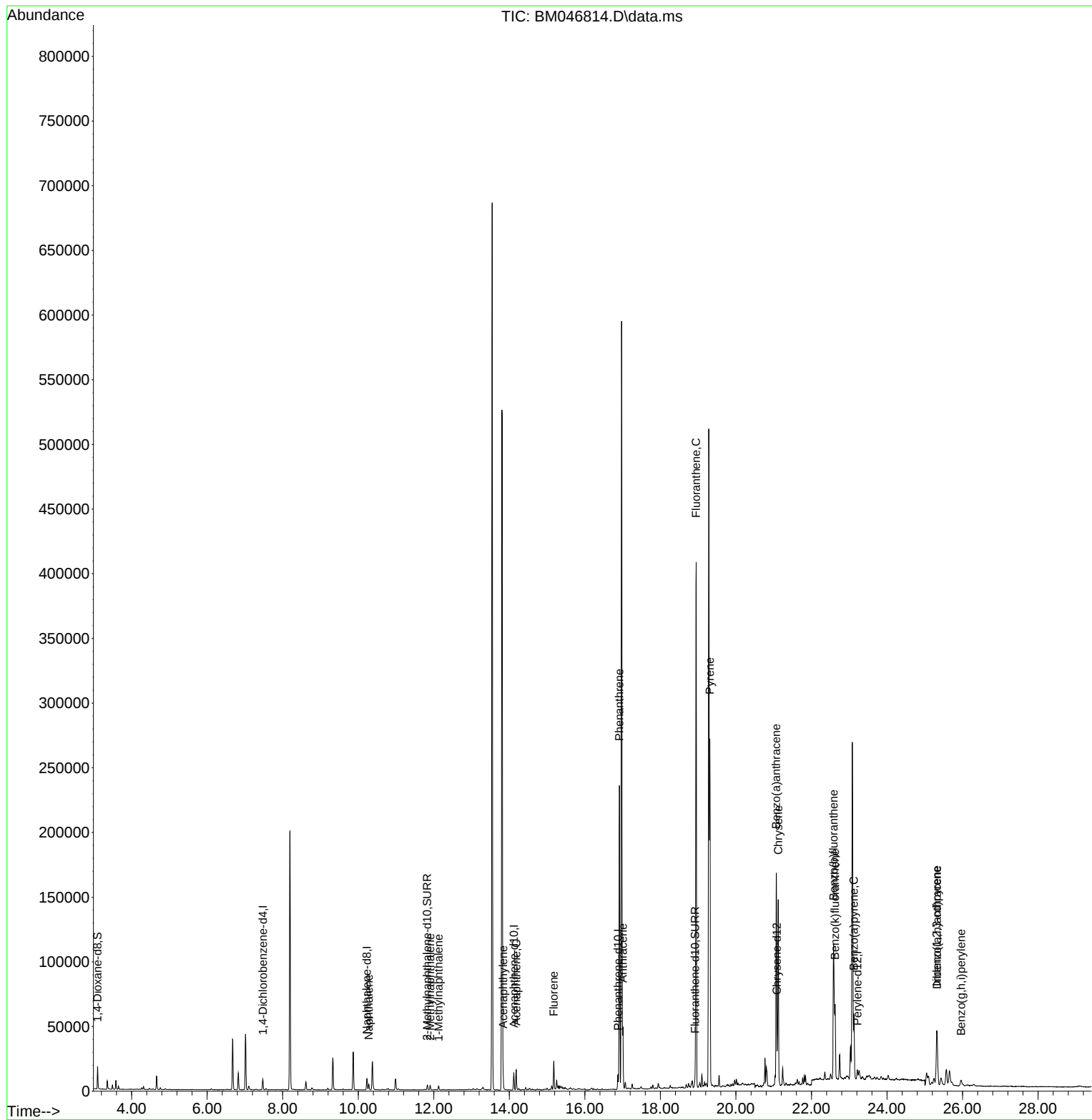
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046814.D
Acq On : 25 Jul 2024 23:53
Operator : MA/JU
Sample : P3263-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

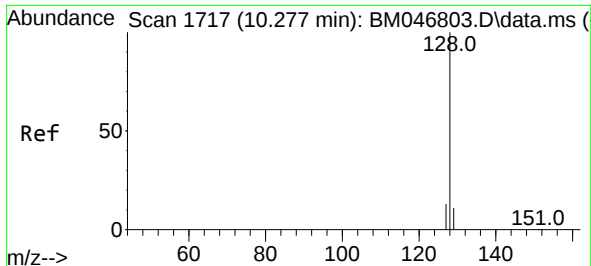
Instrument :
BNA_M
ClientSampleId :
A4BB1

Manual Integrations
APPROVED

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

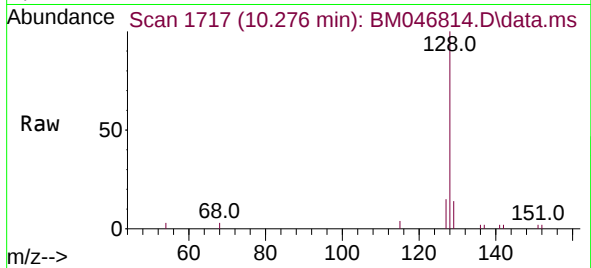
Quant Time: Jul 26 00:31:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.276 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

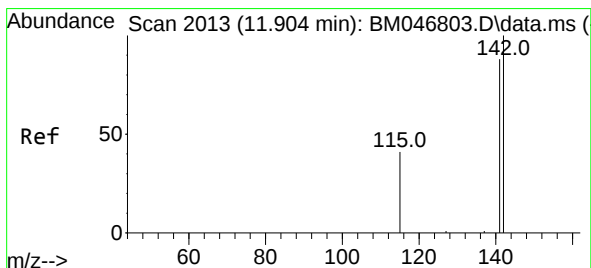
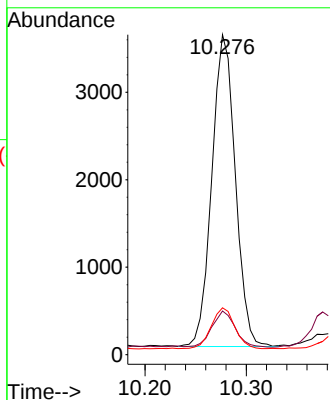
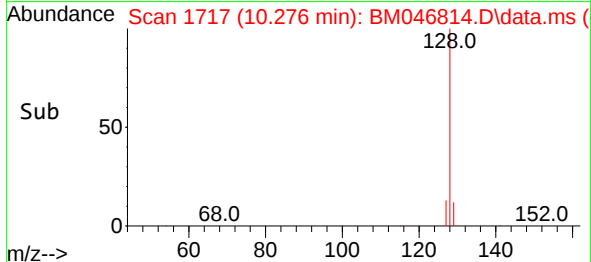
Instrument :
BNA_M
ClientSampleId :
A4BB1



Tgt Ion:128 Resp: 574
Ion Ratio Lower Upper
128 100
129 13.7 10.1 15.1
127 14.6 11.5 17.3

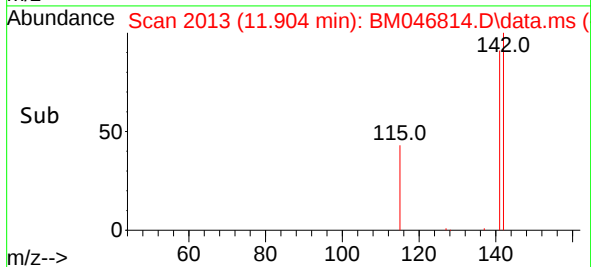
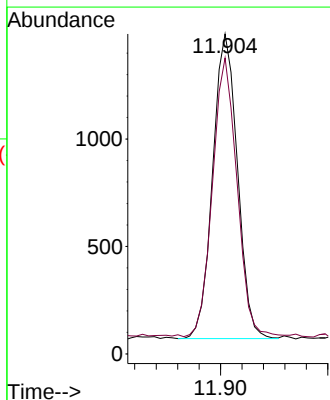
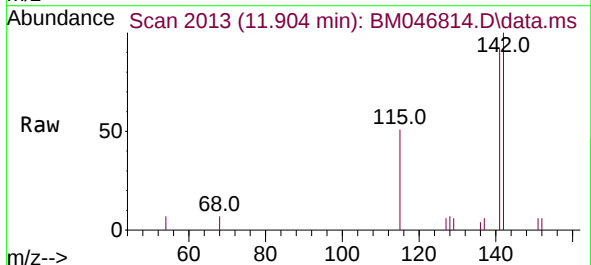
Manual Integrations
APPROVED

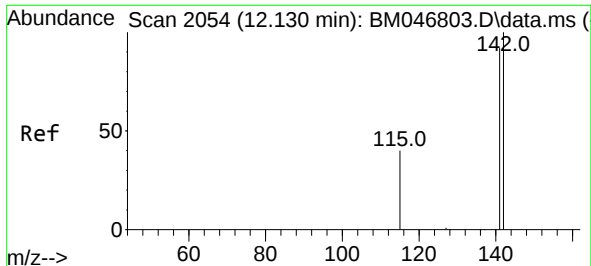
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

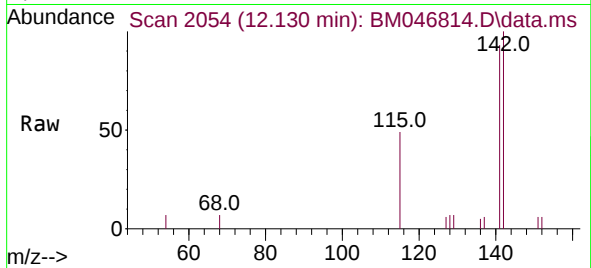
Tgt Ion:142 Resp: 2273
Ion Ratio Lower Upper
142 100
141 90.7 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

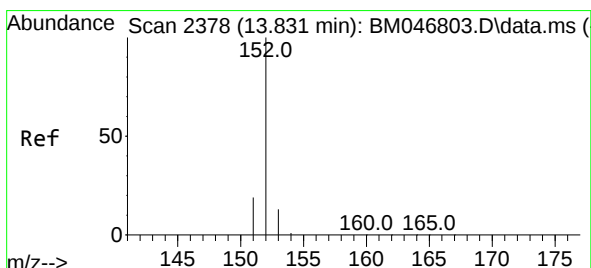
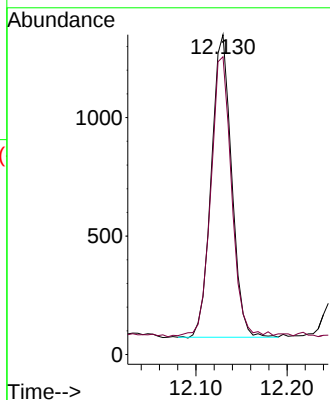
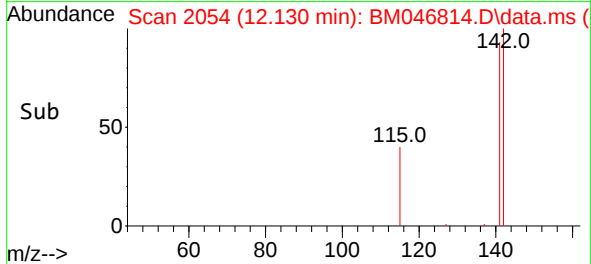
Instrument :
BNA_M
ClientSampleId :
A4BB1



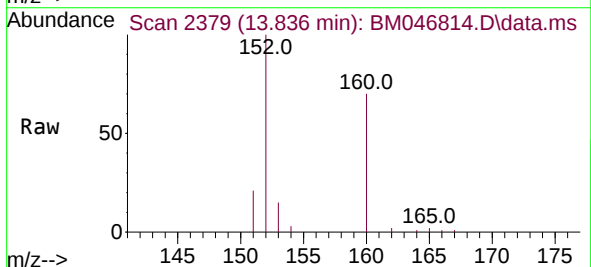
Tgt Ion:142 Resp: 1972
Ion Ratio Lower Upper
142 100
141 95.5 73.1 109.7

Manual Integrations
APPROVED

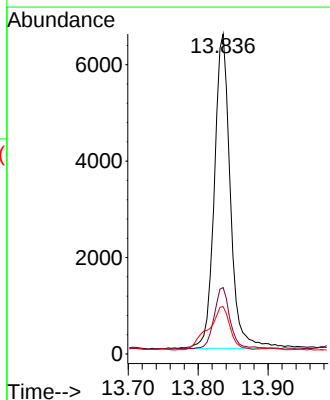
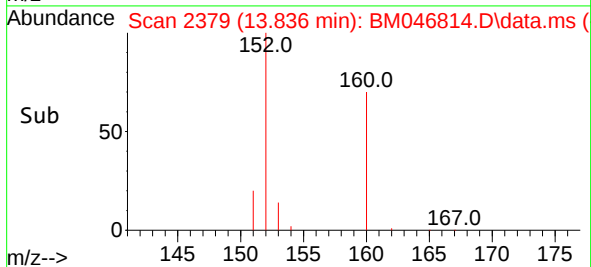
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

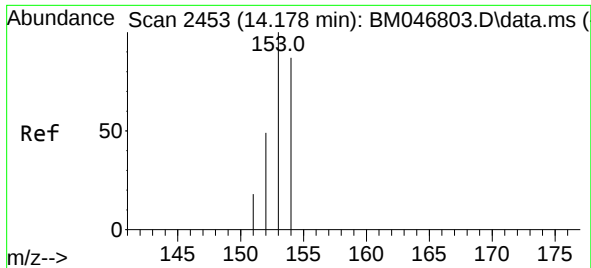


#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. 0.004 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53



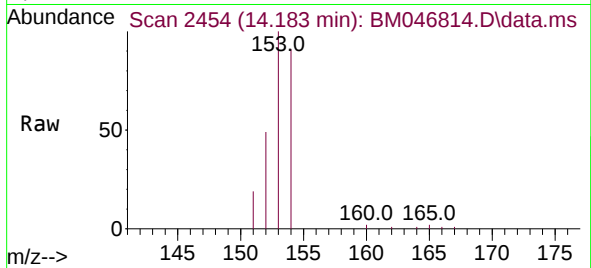
Tgt Ion:152 Resp: 10351
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.8 11.0 16.6





#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.183 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

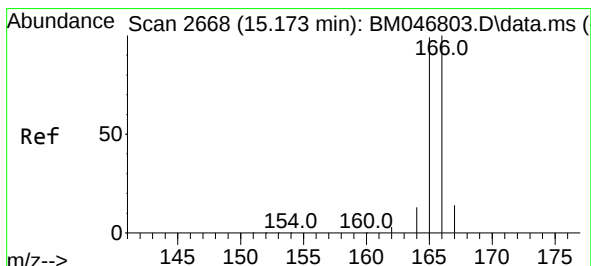
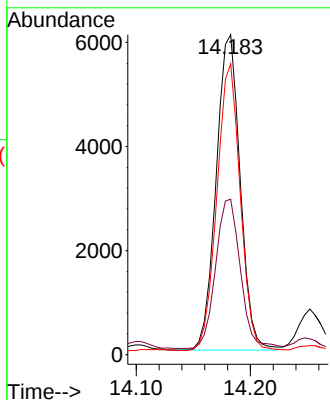
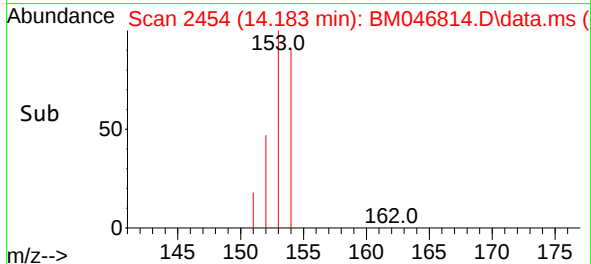
Instrument :
BNA_M
ClientSampleId :
A4BB1



Tgt Ion:153 Resp: 884
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 90.9 70.8 106.2

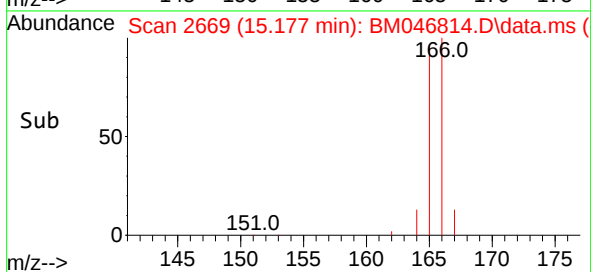
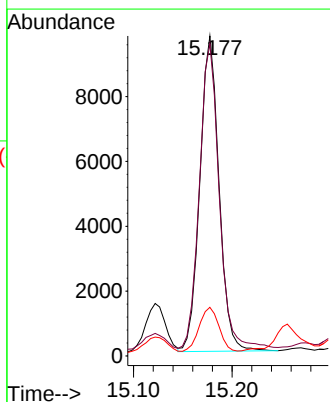
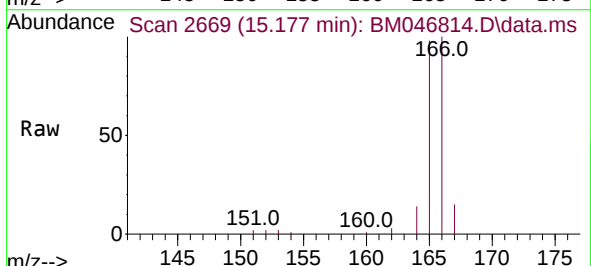
Manual Integrations
APPROVED

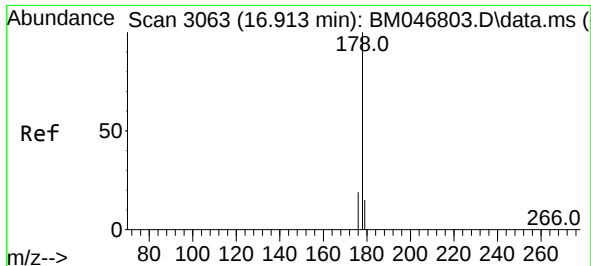
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 0.487 ng/ul
RT: 15.177 min Scan# 2669
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

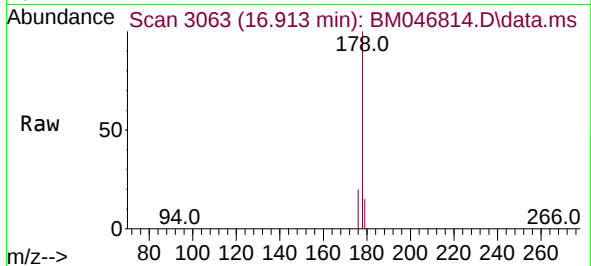
Tgt Ion:166 Resp: 13141
Ion Ratio Lower Upper
166 100
165 97.5 79.8 119.6
167 15.2 12.3 18.5





#15
Phenanthrene
Concen: 6.146 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

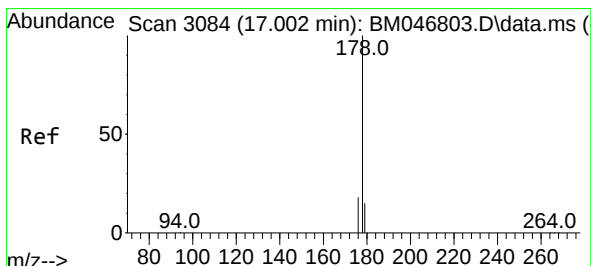
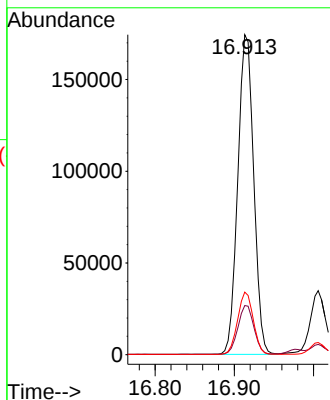
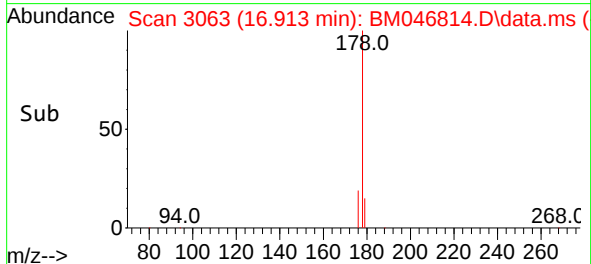
Instrument :
BNA_M
ClientSampleId :
A4BB1



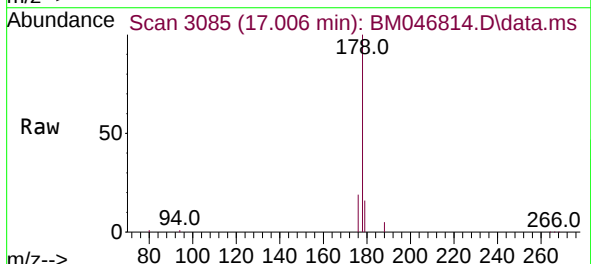
Tgt Ion:178 Resp: 24251
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.2
176 19.5 16.1 24.1

Manual Integrations
APPROVED

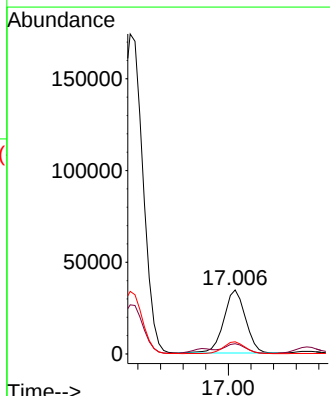
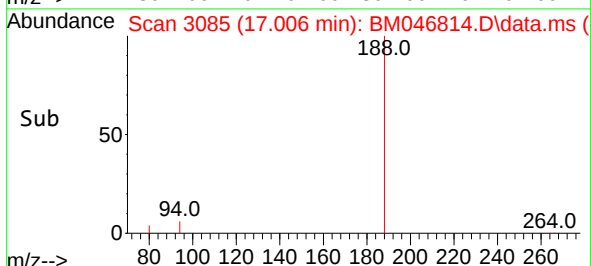
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

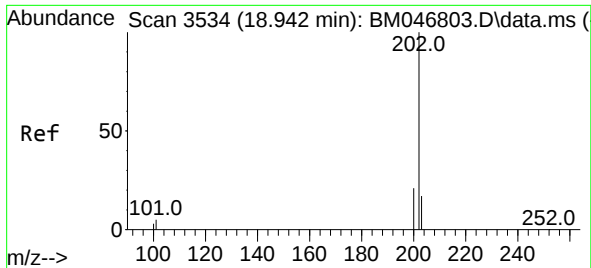


#16
Anthracene
Concen: 1.253 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53



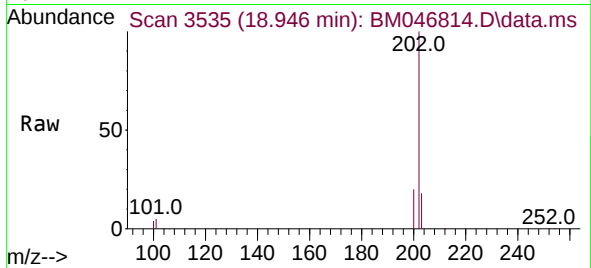
Tgt Ion:178 Resp: 46016
Ion Ratio Lower Upper
178 100
179 16.1 13.1 19.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 12.097 ng/u1
RT: 18.946 min Scan# 3534
Delta R.T. 0.005 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

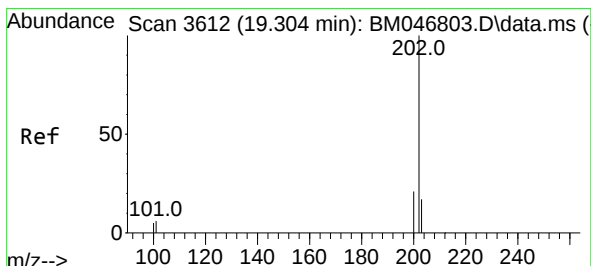
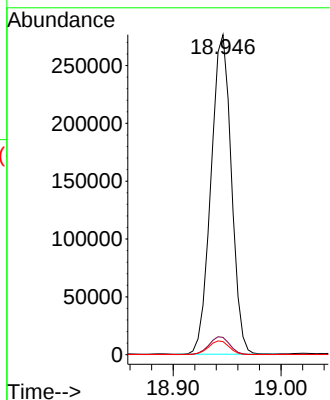
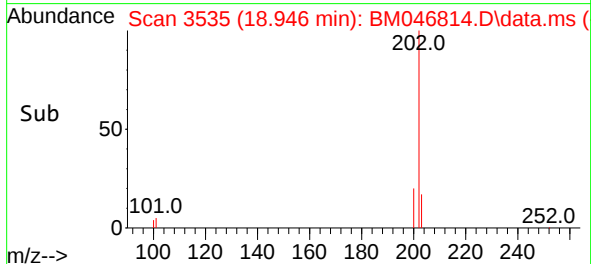
Instrument :
BNA_M
ClientSampleId :
A4BB1



Tgt Ion:202 Resp: 363020
Ion Ratio Lower Upper
202 100
101 5.4 4.7 7.1
100 4.1 3.4 5.2

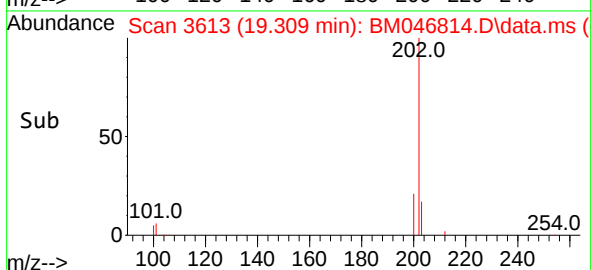
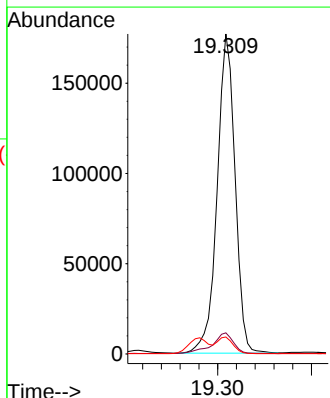
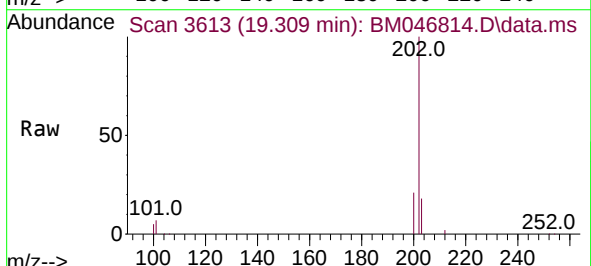
Manual Integrations
APPROVED

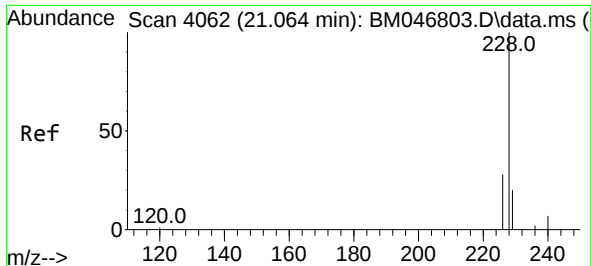
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#20
Pyrene
Concen: 7.555 ng/u1
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

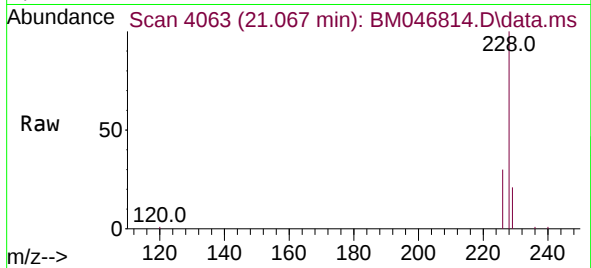
Tgt Ion:202 Resp: 234543
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.3 4.3 6.5





#21
Benzo(a)anthracene
Concen: 4.851 ng/ul
RT: 21.067 min Scan# 4062
Delta R.T. 0.003 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

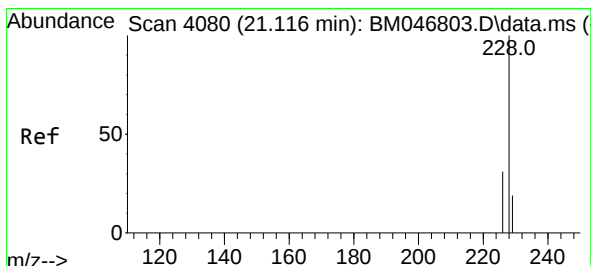
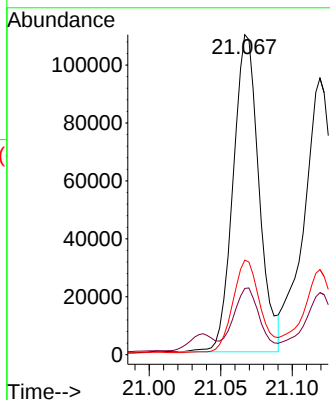
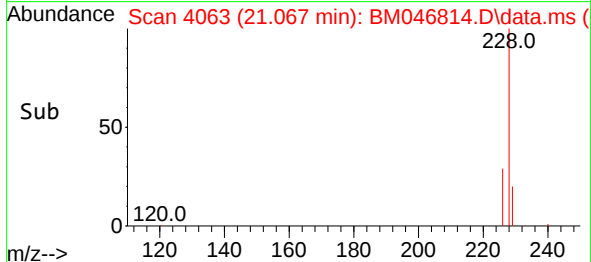
Instrument :
BNA_M
ClientSampleId :
A4BB1



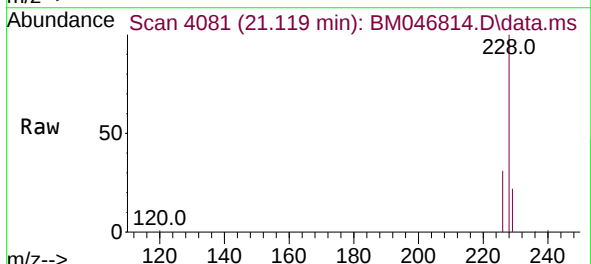
Tgt Ion:228 Resp: 138130
Ion Ratio Lower Upper
228 100
229 20.7 16.3 24.5
226 29.5 22.3 33.5

Manual Integrations
APPROVED

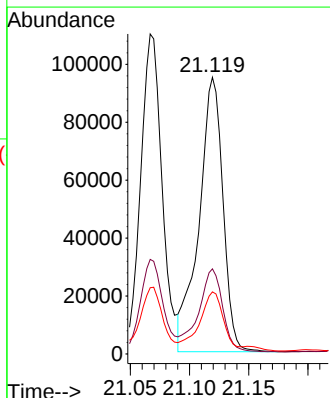
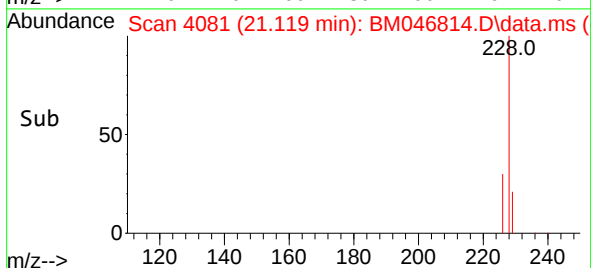
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

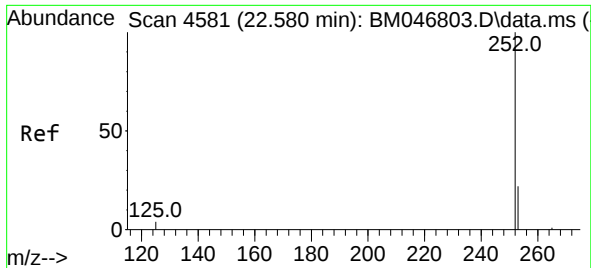


#22
Chrysene
Concen: 4.608 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53



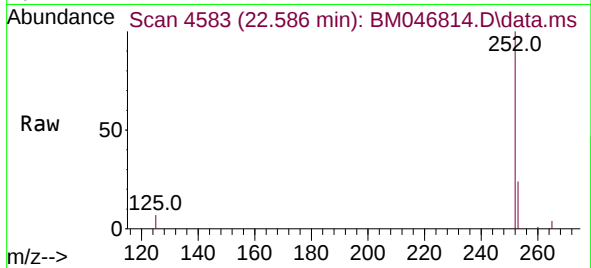
Tgt Ion:228 Resp: 133298
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.4 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 4.814 ng/ul m
RT: 22.586 min Scan# 4581
Delta R.T. 0.006 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

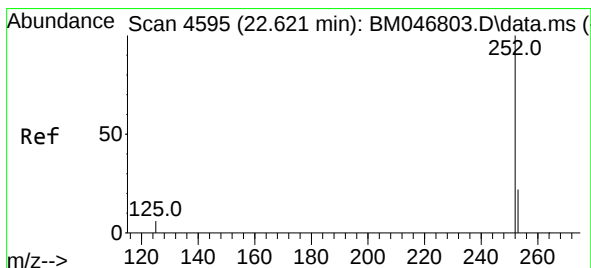
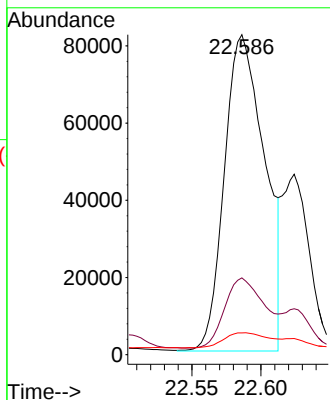
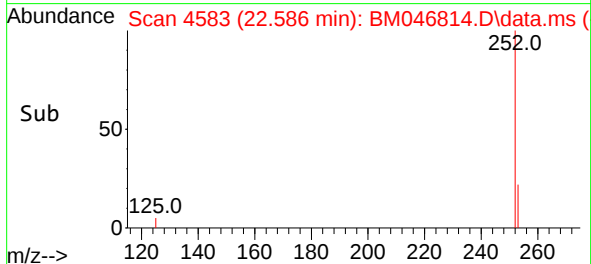
Instrument :
BNA_M
ClientSampleId :
A4BB1



Tgt Ion:252 Resp: 167014
Ion Ratio Lower Upper
252 100
253 24.0 0.0 56.4
125 6.8 0.0 15.8

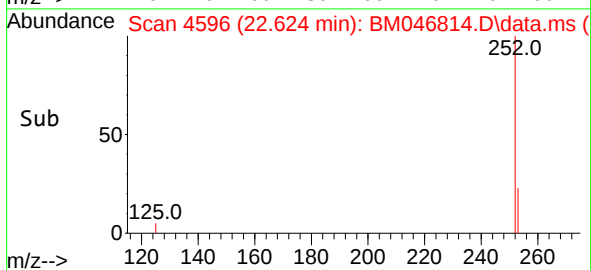
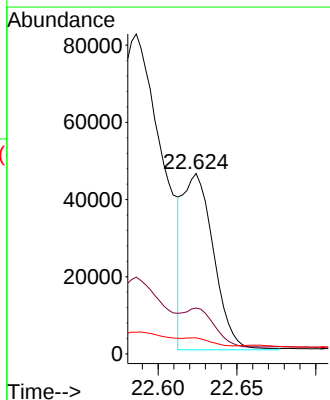
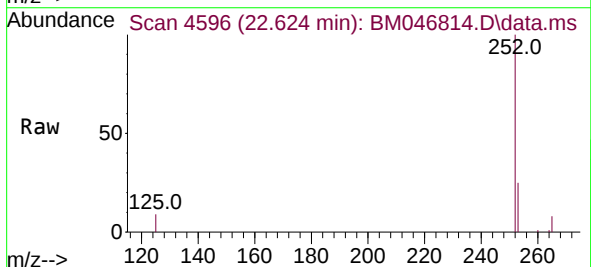
Manual Integrations
APPROVED

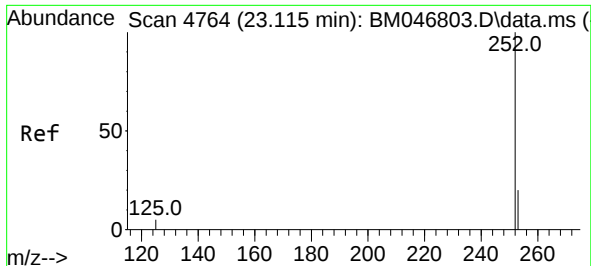
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.773 ng/ul m
RT: 22.624 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

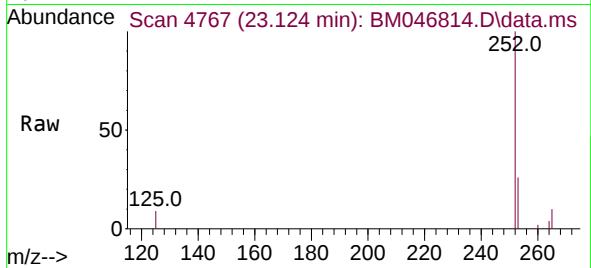
Tgt Ion:252 Resp: 61969
Ion Ratio Lower Upper
252 100
253 25.4 23.5 35.3
125 8.9 8.6 13.0





#26
Benzo(a)pyrene
Concen: 2.522 ng/ul
RT: 23.124 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

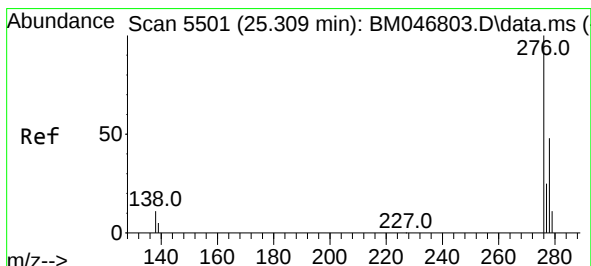
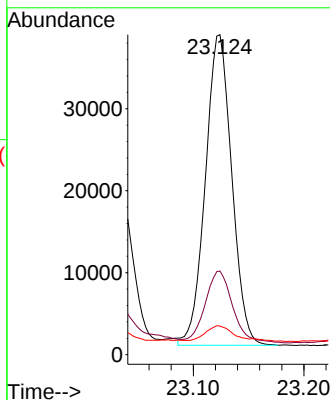
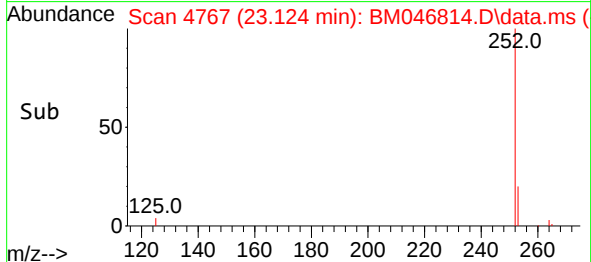
Instrument :
BNA_M
ClientSampleId :
A4BB1



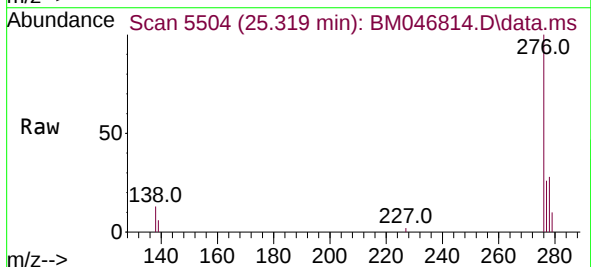
Tgt Ion:252 Resp: 62818
Ion Ratio Lower Upper
252 100
253 26.1 26.0 39.0
125 9.0 7.8 11.8

Manual Integrations
APPROVED

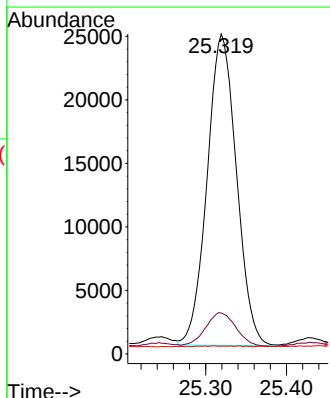
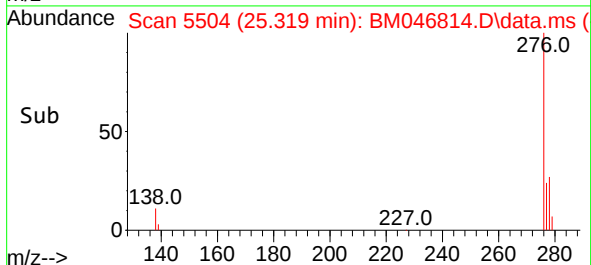
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

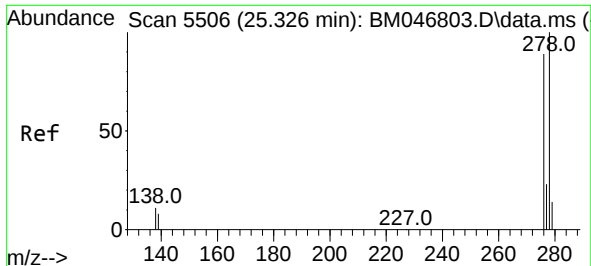


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.613 ng/ul
RT: 25.319 min Scan# 5504
Delta R.T. 0.003 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53



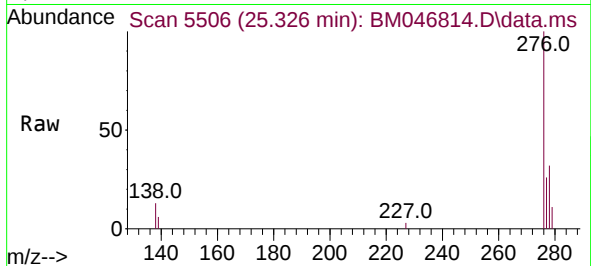
Tgt Ion:276 Resp: 61828
Ion Ratio Lower Upper
276 100
138 11.3 9.7 14.5
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.768 ng/ul
RT: 25.326 min Scan# 5506
Delta R.T. -0.007 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53

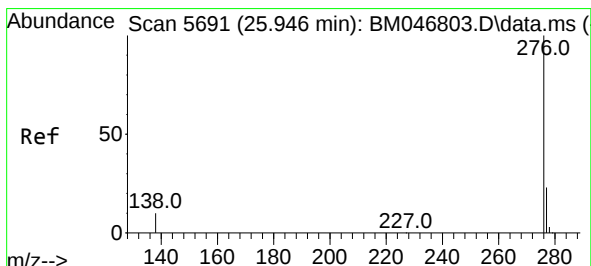
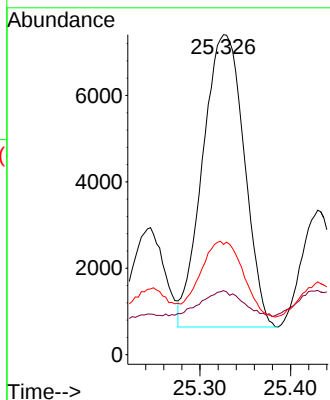
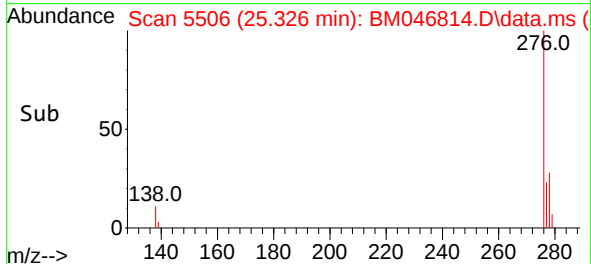
Instrument :
BNA_M
ClientSampleId :
A4BB1



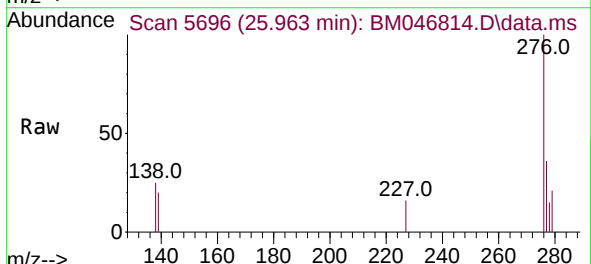
Tgt Ion:278 Resp: 21540
Ion Ratio Lower Upper
278 100
139 20.0 9.8 14.8#
279 34.5 25.2 37.8#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 25.963 min Scan# 5696
Delta R.T. 0.010 min
Lab File: BM046814.D
Acq: 25 Jul 2024 23:53



Tgt Ion:276 Resp: 9603
Ion Ratio Lower Upper
276 100
138 25.4 9.5 14.3#
277 36.0 20.9 31.3#

