

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046816.D
 Acq On : 26 Jul 2024 01:06
 Operator : MA/JU
 Sample : P3263-20DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CLODL

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 02:23:37 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	4408	0.400	ng/u1	0.00
4) Naphthalene-d8	10.227	136	13109	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.118	164	8750	0.400	ng/u1	0.00
13) Phenanthrene-d10	16.875	188	18051	0.400	ng/u1	0.00
17) Chrysene-d12	21.084	240	8214	0.400	ng/u1	# 0.00
23) Perylene-d12	23.212	264	13040	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2234	0.724	ng/u1	0.00
6) 2-Methylnaphthalene-d10	11.827	152	1308	0.063	ng/u1	0.00
18) Fluoranthene-d10	18.914	212	2390	0.089	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	8089	0.244	ng/u1	99
7) 2-Methylnaphthalene	11.904	142	2388	0.105	ng/u1	97
8) 1-Methylnaphthalene	12.130	142	1802	0.076	ng/u1	98
10) Acenaphthylene	13.831	152	11050	0.276	ng/u1	100
11) Acenaphthene	14.183	153	10086	0.371	ng/u1	100
12) Fluorene	15.177	166	9350	0.275	ng/u1	97
15) Phenanthrene	16.913	178	146422	2.822	ng/u1	98
16) Anthracene	17.006	178	30447	0.630	ng/u1	99
19) Fluoranthene	18.942	202	221782	6.148	ng/u1	99
20) Pyrene	19.309	202	160632	4.305	ng/u1	99
21) Benzo(a)anthracene	21.067	228	80496	2.352	ng/u1	98
22) Chrysene	21.119	228	81399	2.341	ng/u1	98
24) Benzo(b)fluoranthene	22.586	252	100881m	1.762	ng/u1	
25) Benzo(k)fluoranthene	22.621	252	34078m	0.591	ng/u1	
26) Benzo(a)pyrene	23.118	252	47032	1.144	ng/u1	92
27) Indeno(1,2,3-cd)pyrene	25.316	276	39350	0.622	ng/u1	98
28) Dibenzo(a,h)anthracene	25.326	278	13379	0.289	ng/u1#	85
29) Benzo(g,h,i)perylene	25.956	276	8030	0.144	ng/u1#	79

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

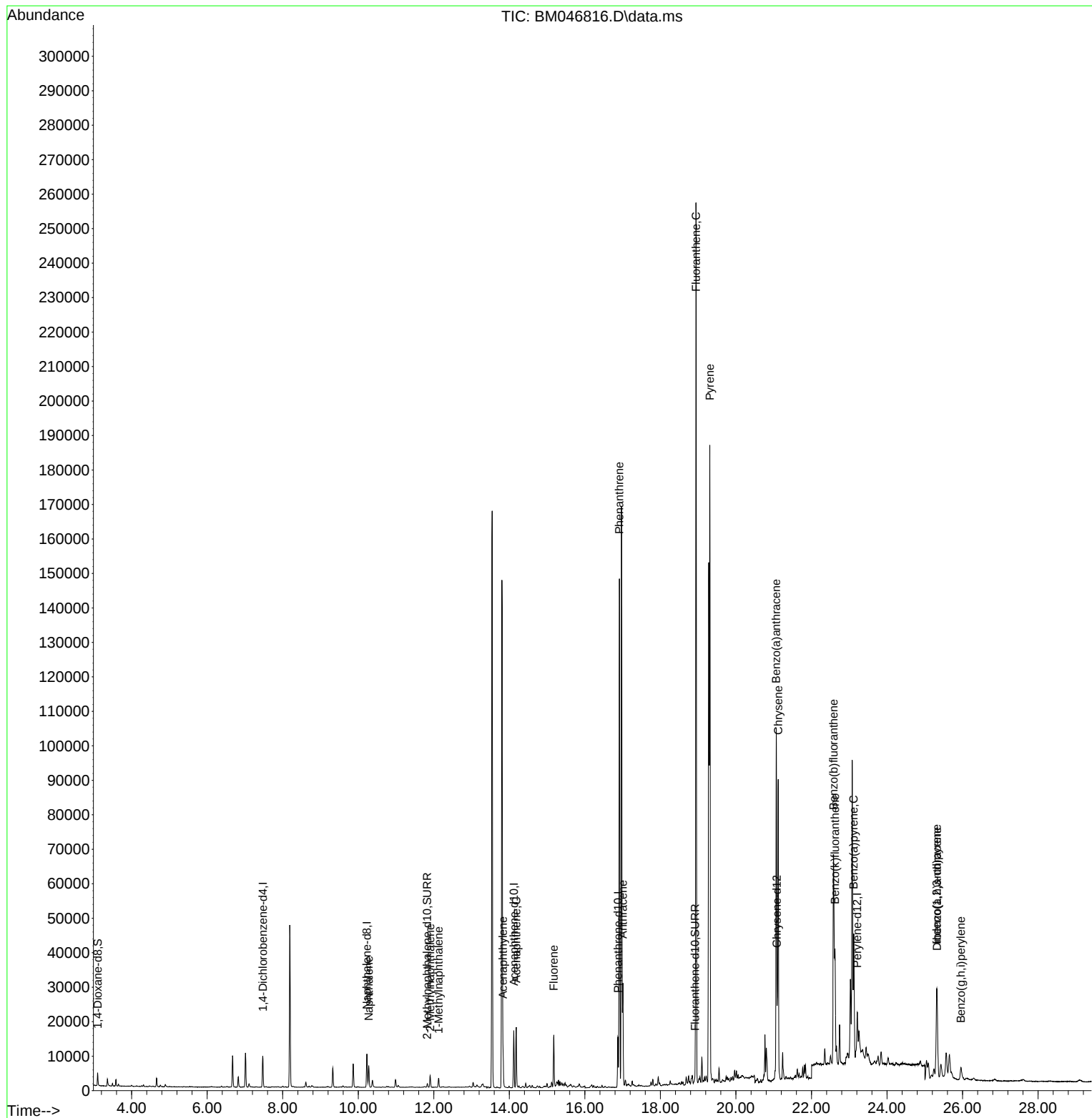
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046816.D
Acq On : 26 Jul 2024 01:06
Operator : MA/JU
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ALS Vial : 26 Sample Multiplier: 1

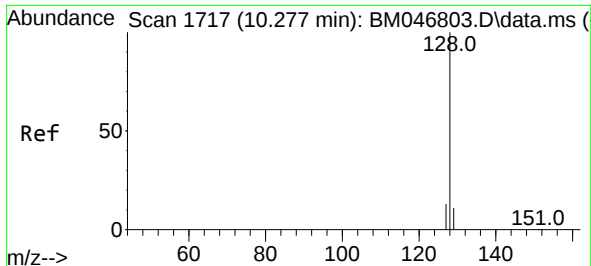
Instrument :
BNA_M
ClientSampleId :
A4CL0DL

Manual Integrations
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Supervised By :mohammad ahmed 07/27/2024

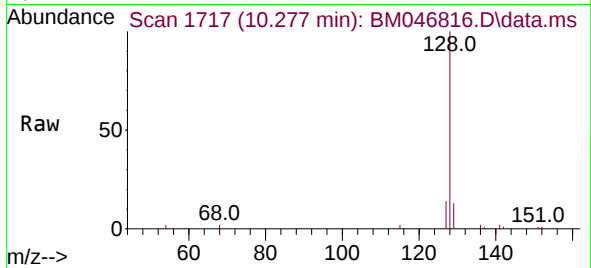
Quant Time: Jul 26 02:23:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.244 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

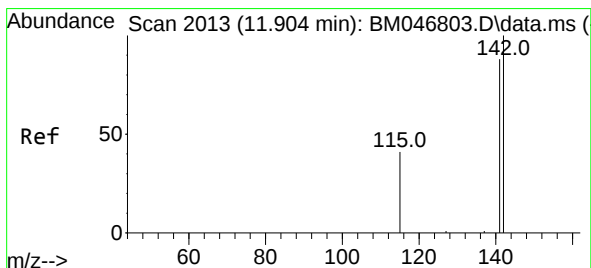
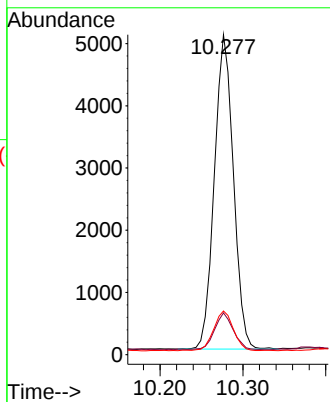
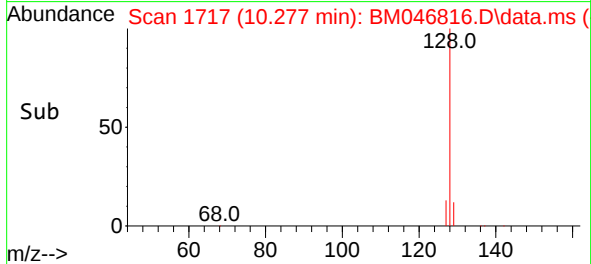
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:128 Resp: 8089
Ion Ratio Lower Upper
128 100
129 13.0 10.1 15.1
127 13.7 11.5 17.3

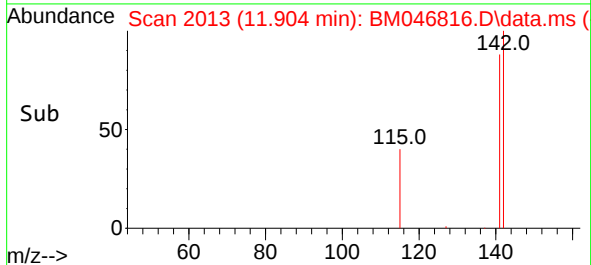
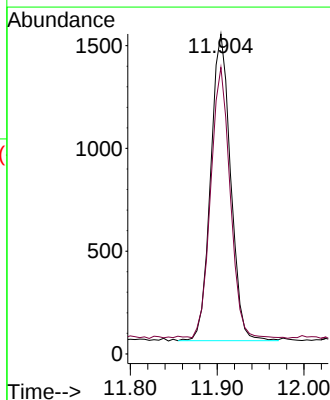
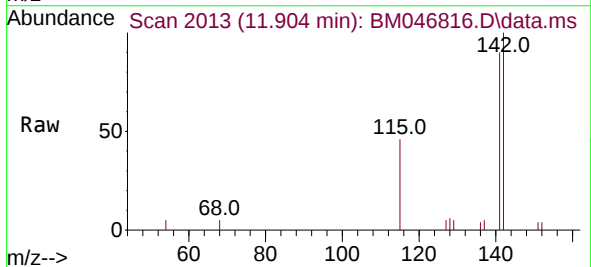
Manual Integrations
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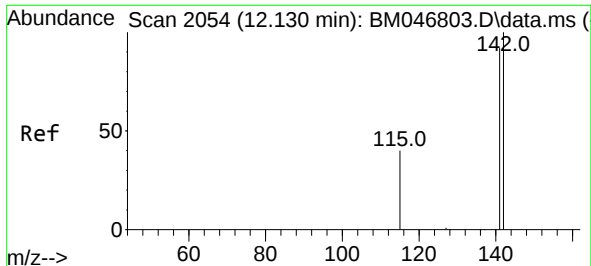
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

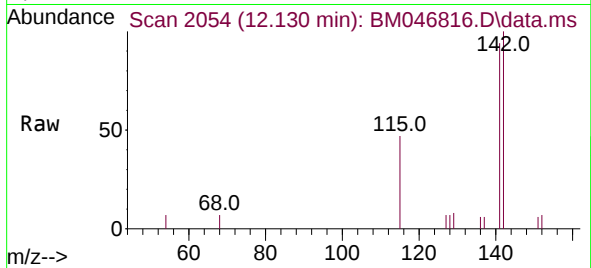
Tgt Ion:142 Resp: 2388
Ion Ratio Lower Upper
142 100
141 85.1 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

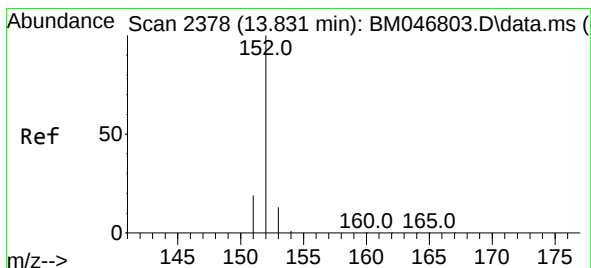
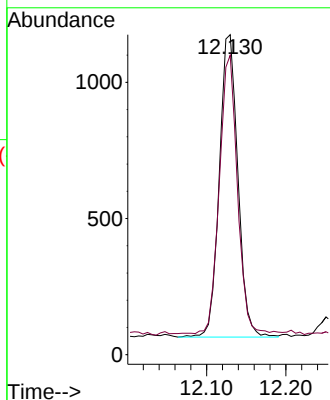
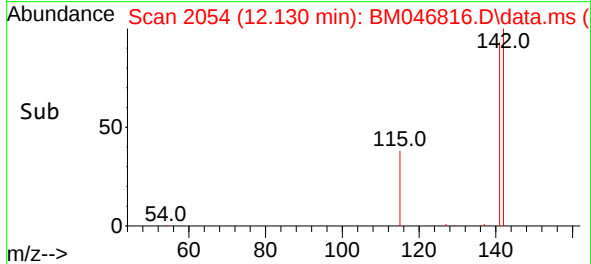
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:142 Resp: 1802
Ion Ratio Lower Upper
142 100
141 89.3 73.1 109.7

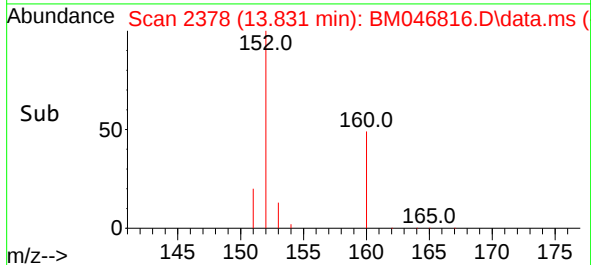
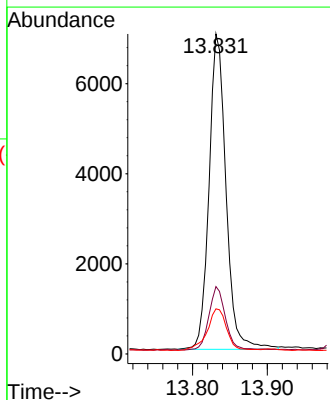
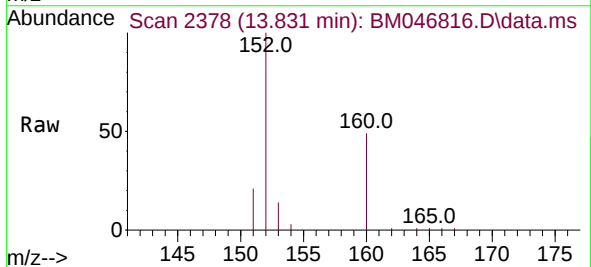
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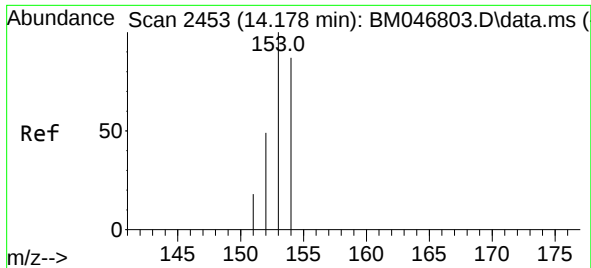
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

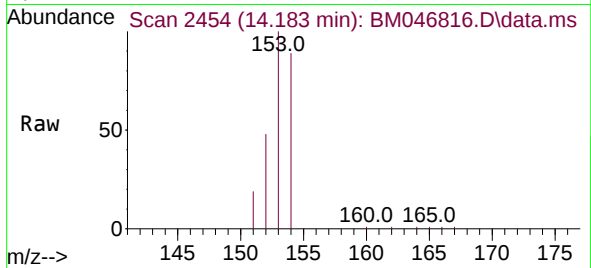
Tgt Ion:152 Resp: 11050
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.1 11.0 16.6





#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

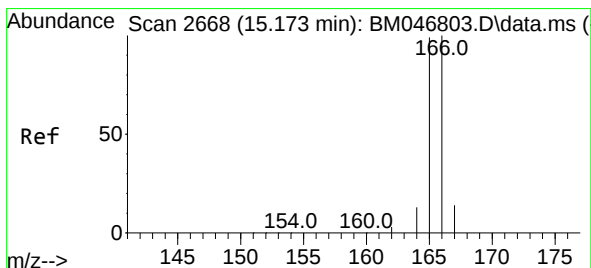
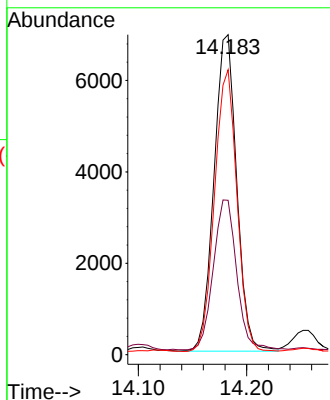
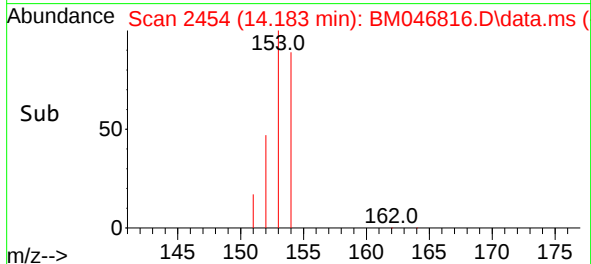
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:153 Resp: 10080
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 89.0 70.8 106.2

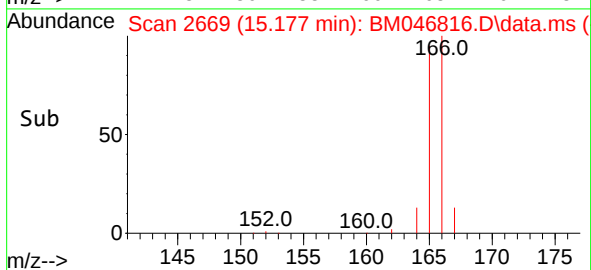
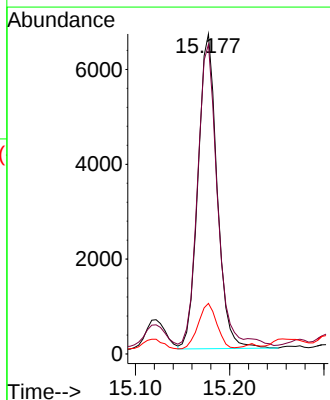
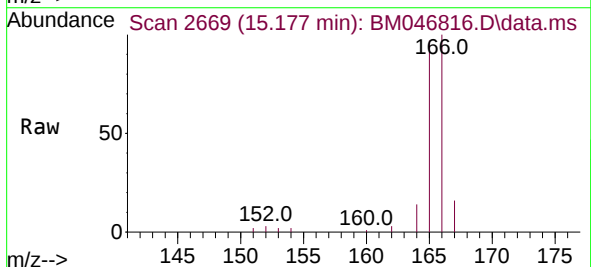
Manual Integrations
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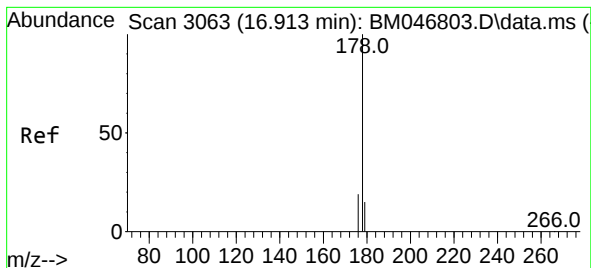
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.177 min Scan# 2669
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

Tgt Ion:166 Resp: 9350
Ion Ratio Lower Upper
166 100
165 96.8 79.8 119.6
167 15.8 12.3 18.5





#15

Phenanthrene

Concen: 2.822 ng/u1

RT: 16.913 min Scan# 3063

Delta R.T. -0.000 min

Lab File: BM046816.D

Acq: 26 Jul 2024 01:06

Instrument :

BNA_M

ClientSampleId :

A4CLODL

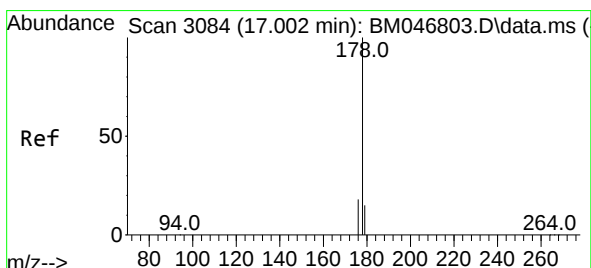
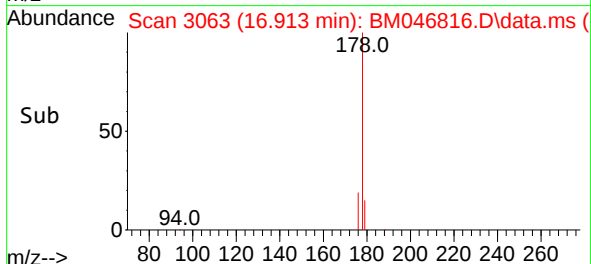
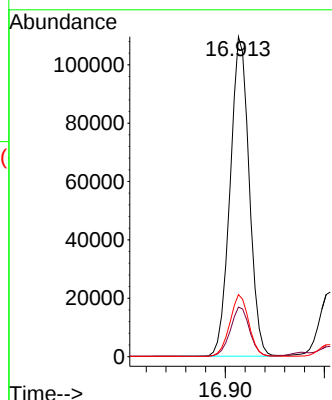
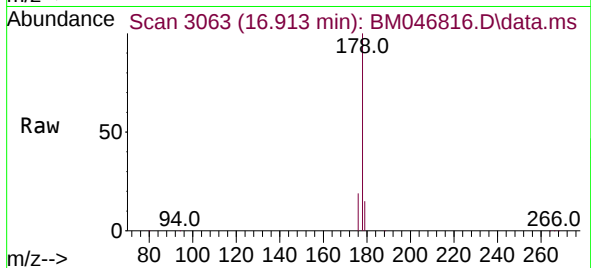
Tgt Ion:178 Resp: 14642

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	19.4	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/27/2024



#16

Anthracene

Concen: 0.630 ng/u1

RT: 17.006 min Scan# 3085

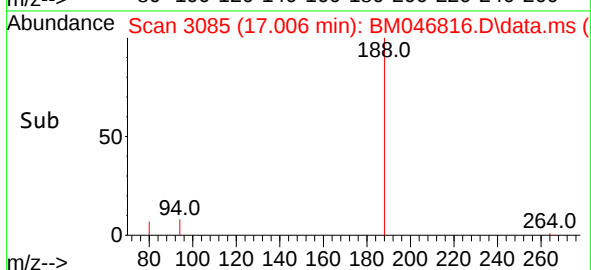
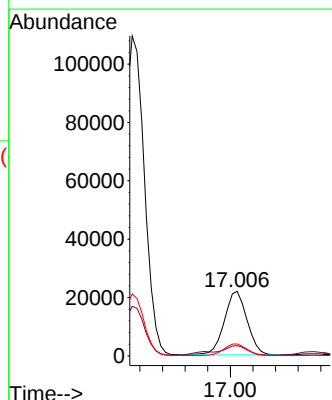
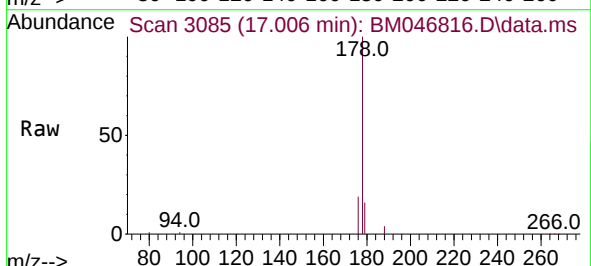
Delta R.T. -0.000 min

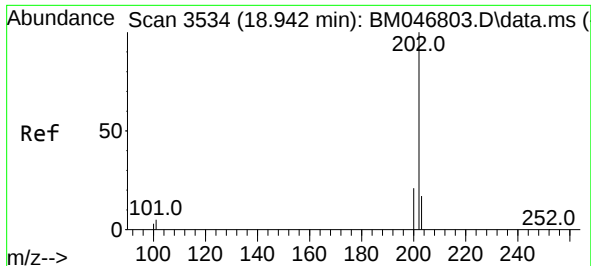
Lab File: BM046816.D

Acq: 26 Jul 2024 01:06

Tgt Ion:178 Resp: 30447

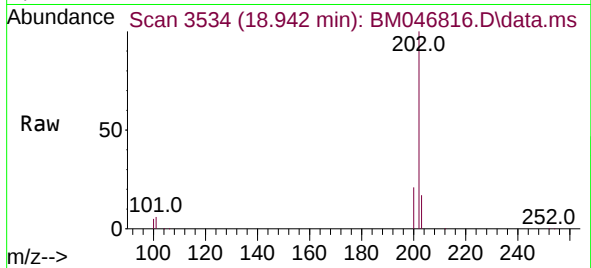
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.1	19.7
176	18.6	15.0	22.6





#19
Fluoranthene
Concen: 6.148 ng/u1
RT: 18.942 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

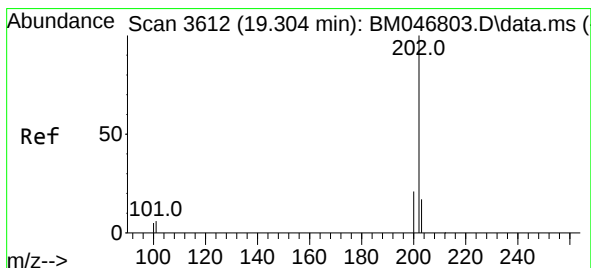
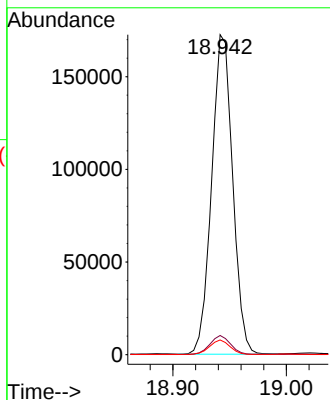
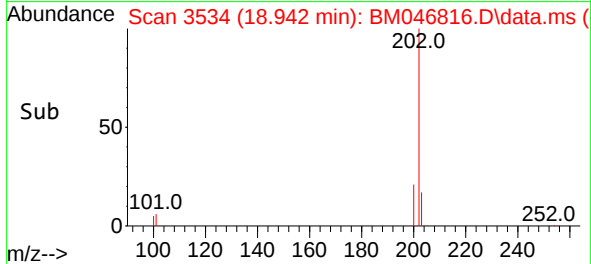
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:202 Resp: 22178
Ion Ratio Lower Upper
202 100
101 6.0 4.7 7.1
100 4.6 3.4 5.2

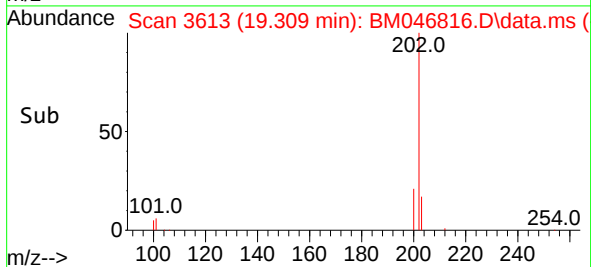
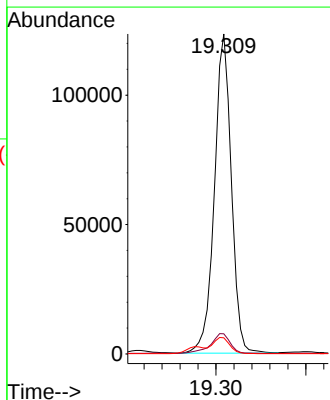
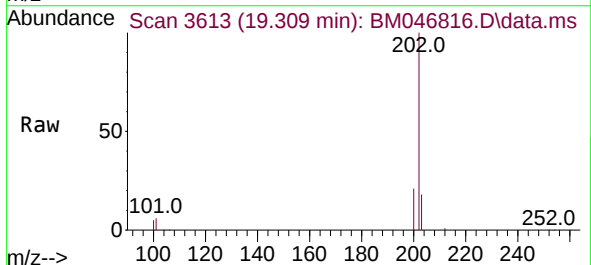
Manual Integrations
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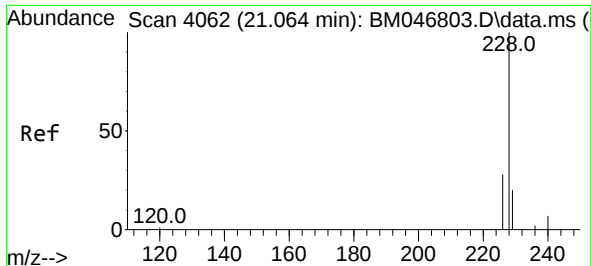
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#20
Pyrene
Concen: 4.305 ng/u1
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

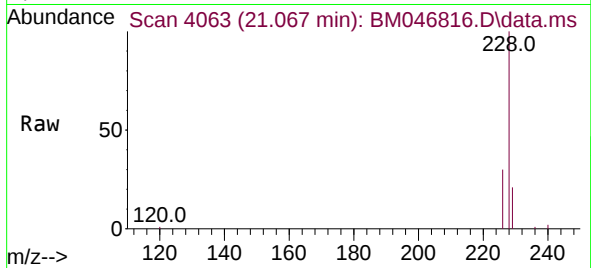
Tgt Ion:202 Resp: 160632
Ion Ratio Lower Upper
202 100
101 6.3 5.2 7.8
100 5.0 4.3 6.5





#21
Benzo(a)anthracene
Concen: 2.352 ng/ul
RT: 21.067 min Scan# 4062
Delta R.T. 0.003 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

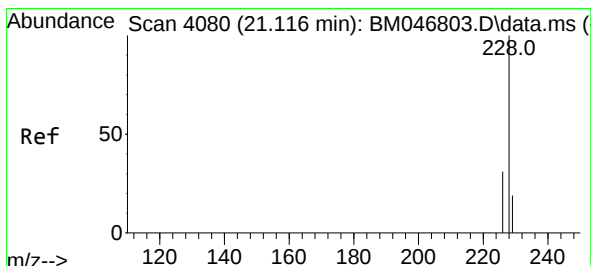
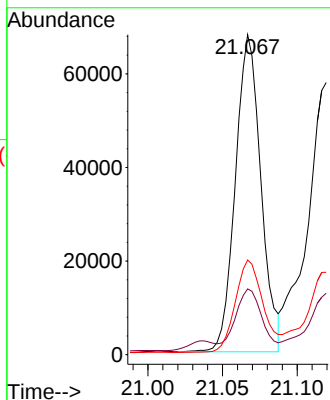
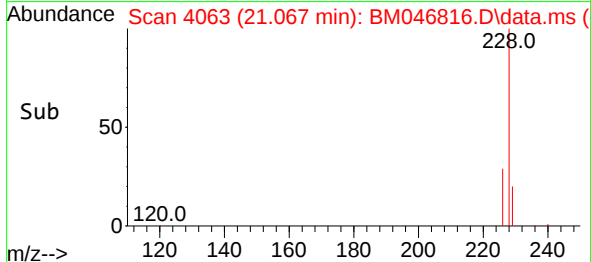
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:228 Resp: 80490
Ion Ratio Lower Upper
228 100
229 20.5 16.3 24.5
226 29.6 22.3 33.5

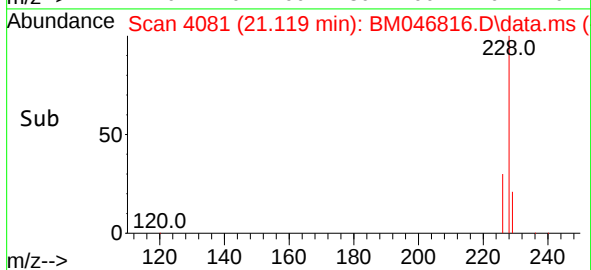
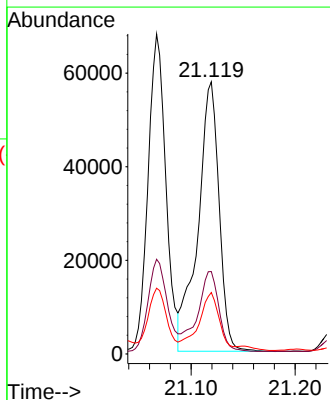
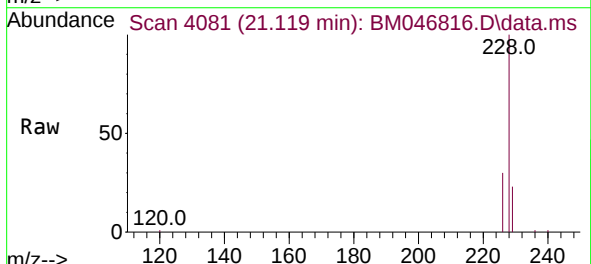
Manual Integrations
APPROVED

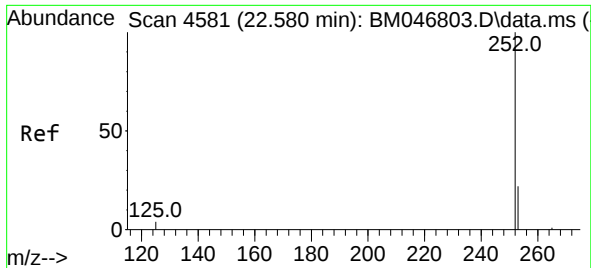
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#22
Chrysene
Concen: 2.341 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

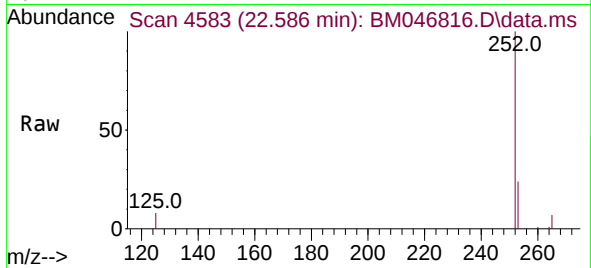
Tgt Ion:228 Resp: 81399
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 22.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.762 ng/ul m
RT: 22.586 min Scan# 4581
Delta R.T. 0.006 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

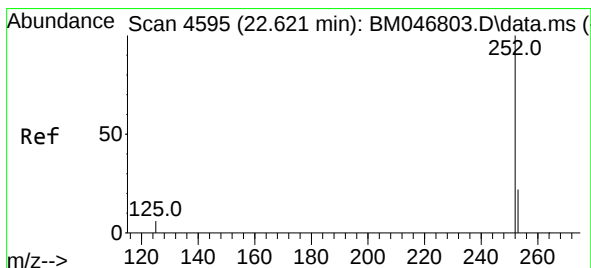
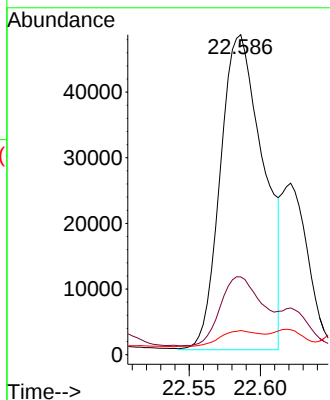
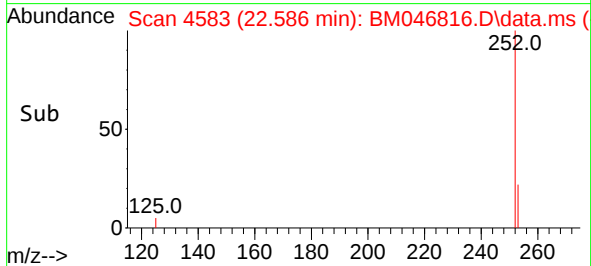
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:252 Resp: 10088
Ion Ratio Lower Upper
252 100
253 24.3 0.0 56.4
125 7.5 0.0 15.8

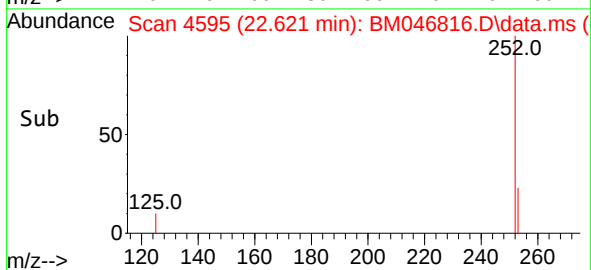
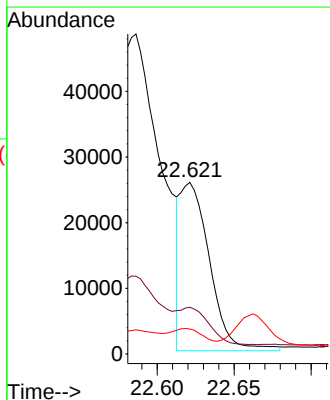
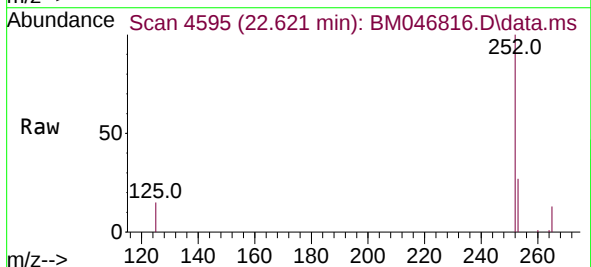
Manual Integrations
APPROVED

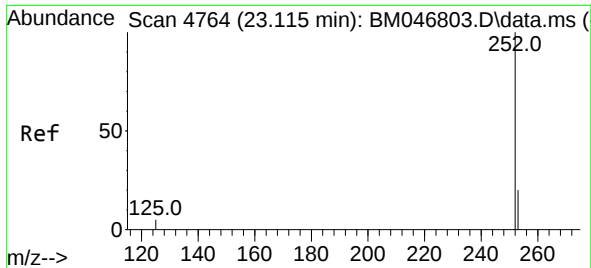
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.591 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

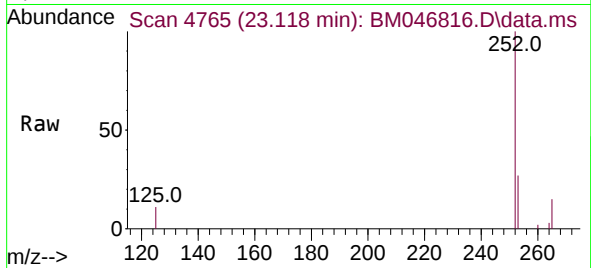
Tgt Ion:252 Resp: 34078
Ion Ratio Lower Upper
252 100
253 27.2 23.5 35.3
125 14.6 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 1.144 ng/ul
RT: 23.118 min Scan# 4765
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06

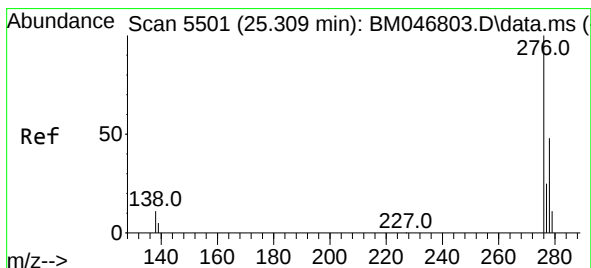
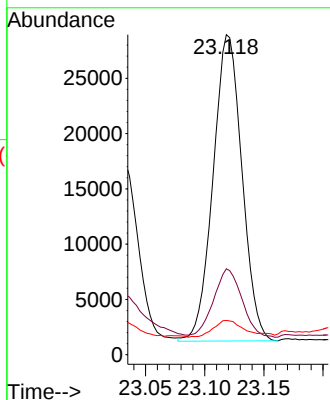
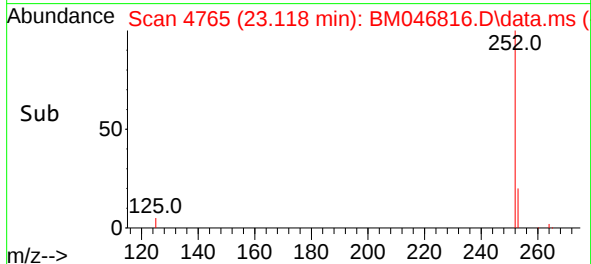
Instrument :
BNA_M
ClientSampleId :
A4CLODL



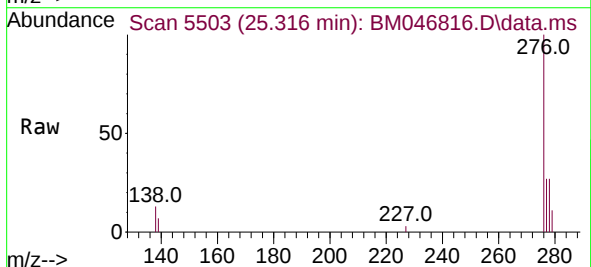
Tgt Ion:252 Resp: 4703
Ion Ratio Lower Upper
252 100
253 26.9 26.0 39.0
125 10.7 7.8 11.8

Manual Integrations
APPROVED

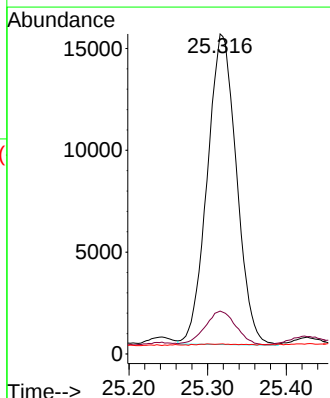
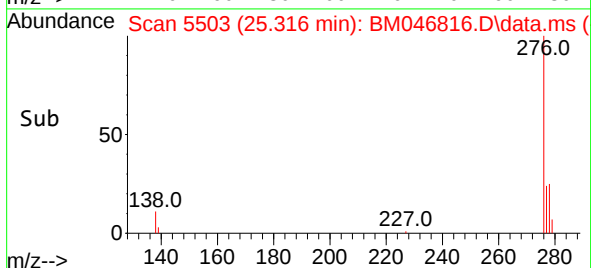
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

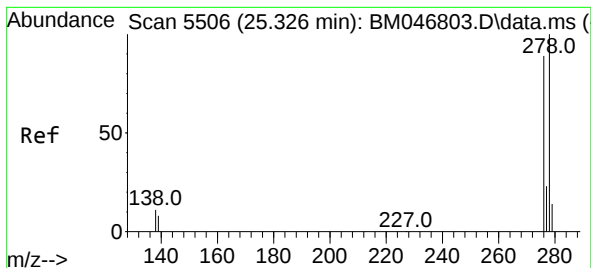


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.622 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. -0.000 min
Lab File: BM046816.D
Acq: 26 Jul 2024 01:06



Tgt Ion:276 Resp: 39350
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: 0.289 ng/ul

RT: 25.326 min Scan# 5506

Delta R.T. -0.007 min

Lab File: BM046816.D

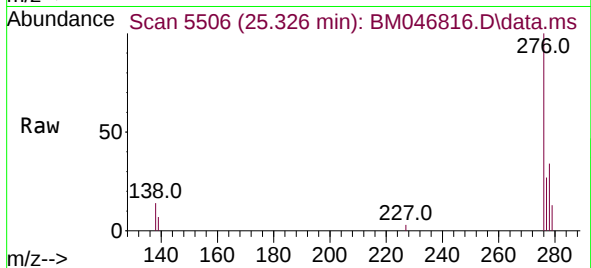
Acq: 26 Jul 2024 01:06

Instrument :

BNA_M

ClientSampleId :

A4CLODL



Tgt Ion:278 Resp: 13379

Ion Ratio Lower Upper

278 100

139 21.6 9.8 14.8

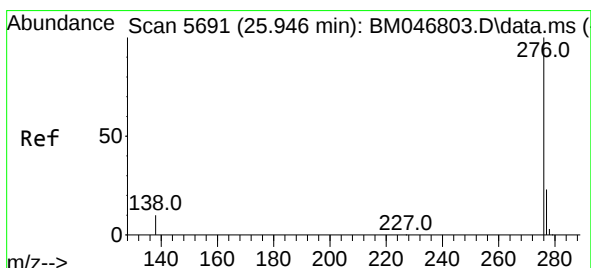
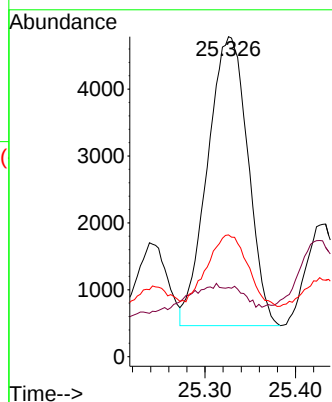
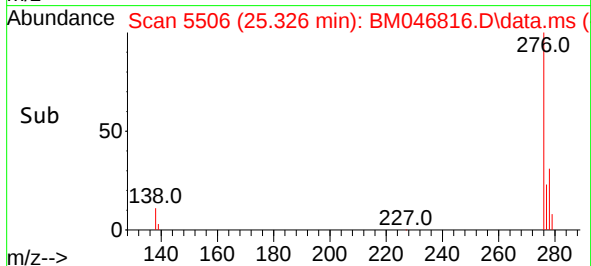
279 38.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024

Supervised By :mohammad ahmed 07/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.144 ng/ul

RT: 25.956 min Scan# 5694

Delta R.T. 0.003 min

Lab File: BM046816.D

Acq: 26 Jul 2024 01:06

Tgt Ion:276 Resp: 8030

Ion Ratio Lower Upper

276 100

138 23.3 9.5 14.3#

277 34.6 20.9 31.3#

