

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046457.D
 Acq On : 09 Jul 2024 04:00
 Operator : MA/JU
 Sample : P2982-01DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CT2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 04:40:59 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 05 16:01:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4787	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	13111	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	8212	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.922	188	16035	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.125	240	10587	0.400	ng/ul	-0.02
23) Perylene-d12	23.276	264	11564	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2127	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	789	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	1359	0.037	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.337	128	1936	0.056	ng/ul#	88
7) 2-Methylnaphthalene	11.965	142	738	0.031	ng/ul	98
8) 1-Methylnaphthalene	12.185	142	598	0.025	ng/ul	99
10) Acenaphthylene	13.887	152	4555	0.109	ng/ul	96
11) Acenaphthene	14.234	153	2287	0.084	ng/ul	99
12) Fluorene	15.229	166	2839	0.089	ng/ul	95
15) Phenanthrene	16.964	178	69657	1.451	ng/ul	98
16) Anthracene	17.053	178	11850	0.254	ng/ul	98
19) Fluoranthene	18.988	202	175006	3.270	ng/ul#	95
20) Pyrene	19.351	202	115333	2.095	ng/ul#	92
21) Benzo(a)anthracene	21.111	228	66094	1.397	ng/ul	97
22) Chrysene	21.163	228	78944	1.679	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	107438m	2.185	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	41046m	0.827	ng/ul	
26) Benzo(a)pyrene	23.186	252	33201	0.854	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.413	276	36080	0.687	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.430	278	12206	0.301	ng/ul#	86
29) Benzo(g,h,i)perylene	26.057	276	5187	0.124	ng/ul#	84

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

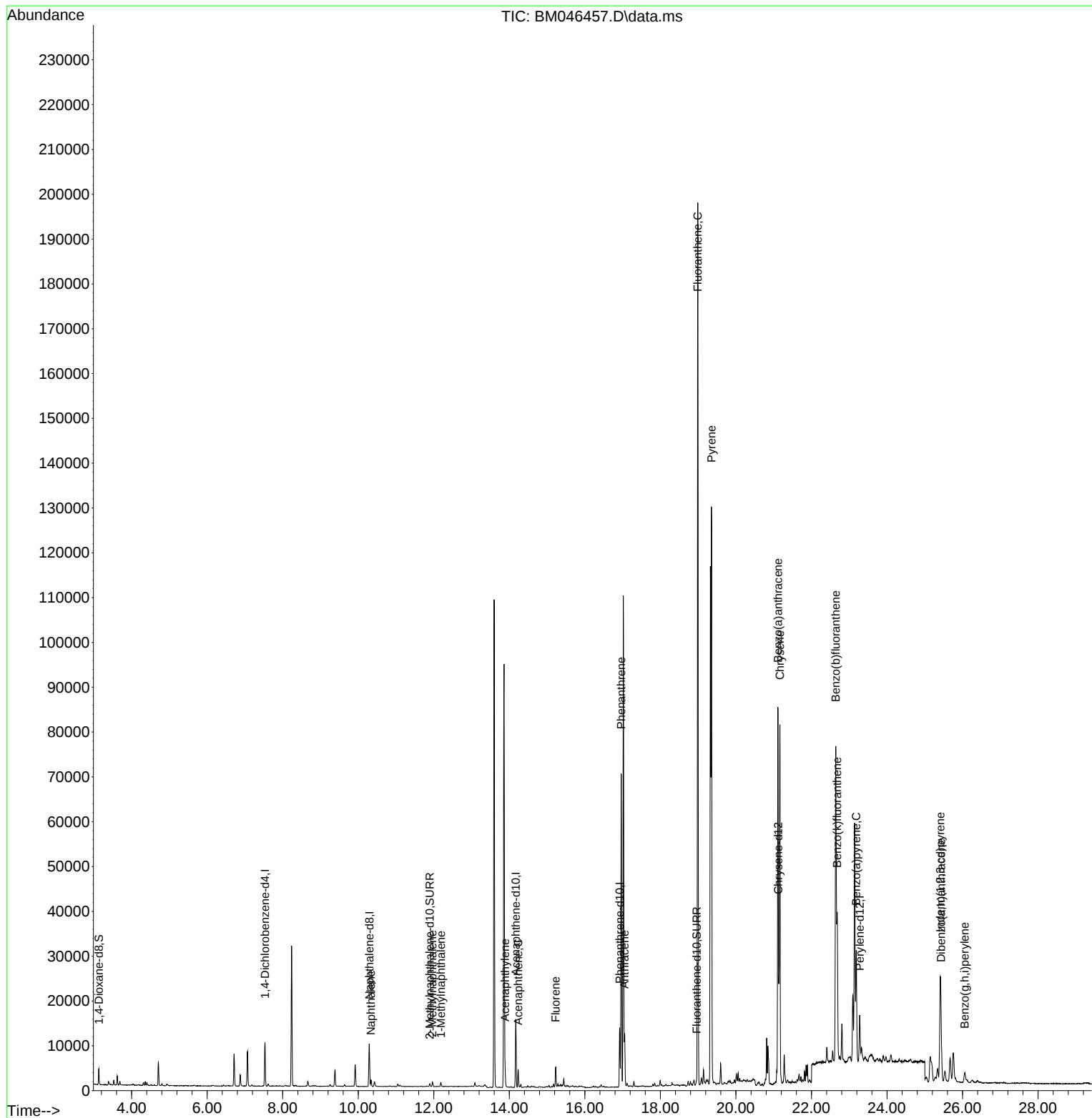
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046457.D
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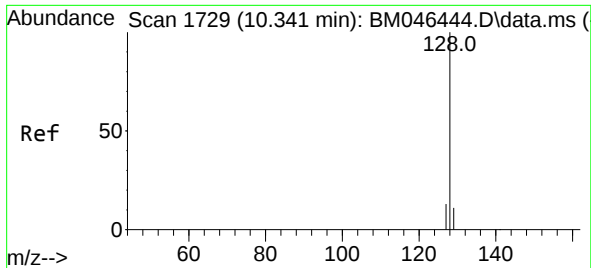
Instrument :
BNA_M
ClientSampleId :
A4CT2DL

Quant Time: Jul 09 04:40:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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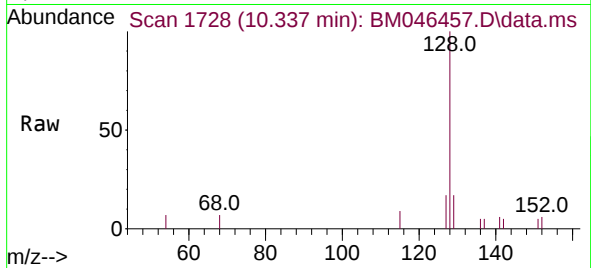
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.337 min Scan# 1728
Delta R.T. -0.015 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

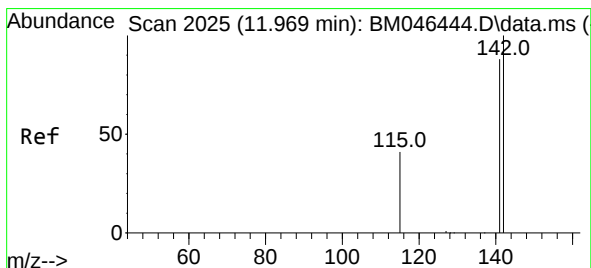
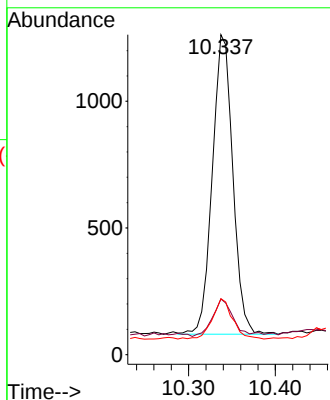
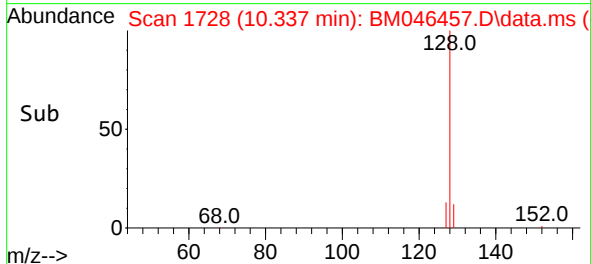
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



Tgt Ion:128 Resp: 1930
Ion Ratio Lower Upper
128 100
129 17.4 9.4 14.0
127 17.5 10.8 16.2

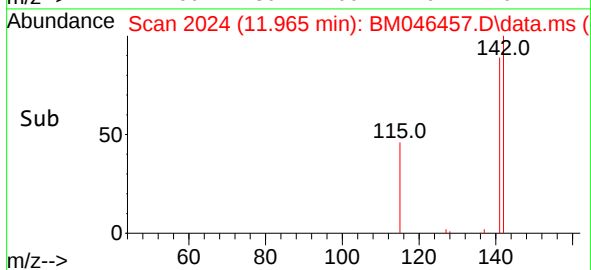
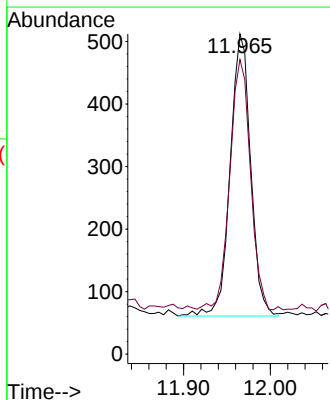
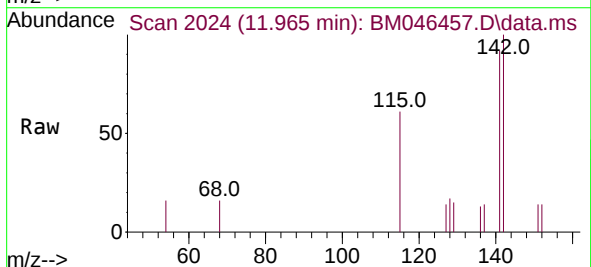
Manual Integrations
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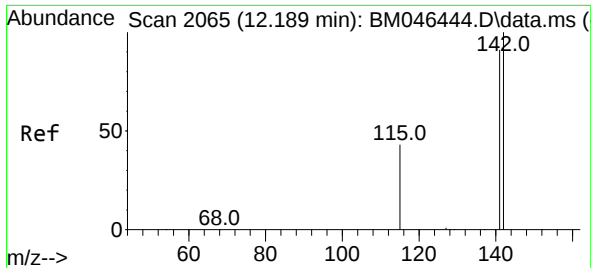
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.965 min Scan# 2024
Delta R.T. -0.015 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

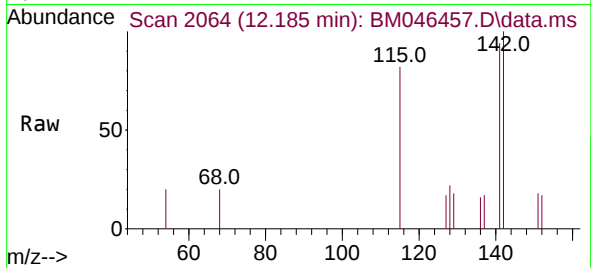
Tgt Ion:142 Resp: 738
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.015 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

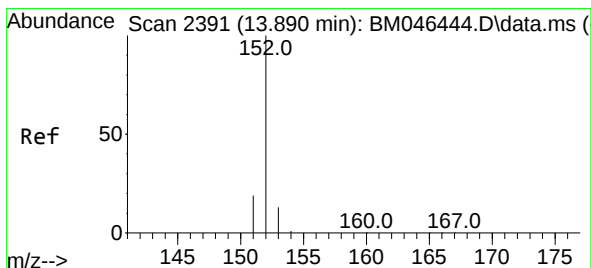
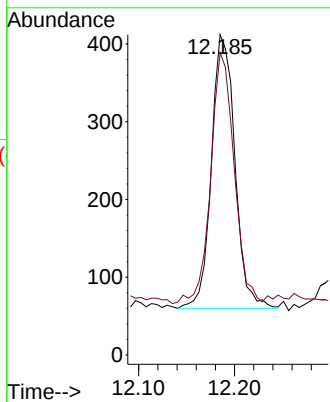
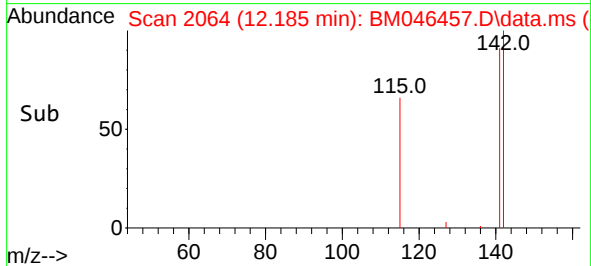
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



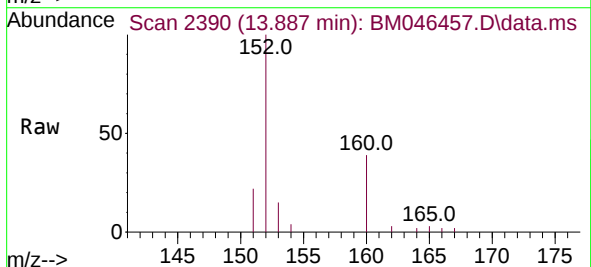
Tgt Ion:142 Resp: 598
Ion Ratio Lower Upper
142 100
141 91.5 72.4 108.6

Manual Integrations
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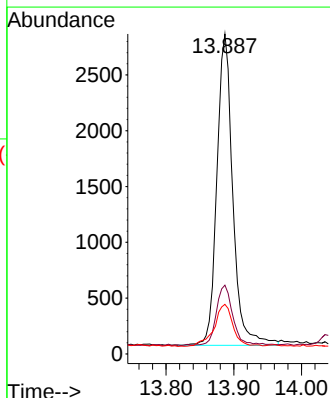
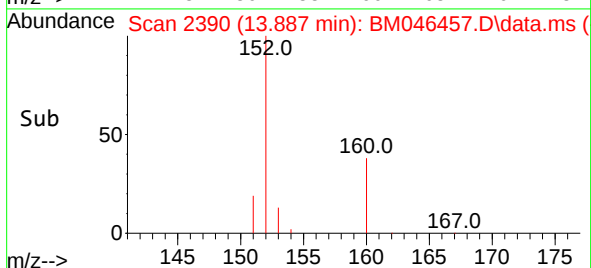
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

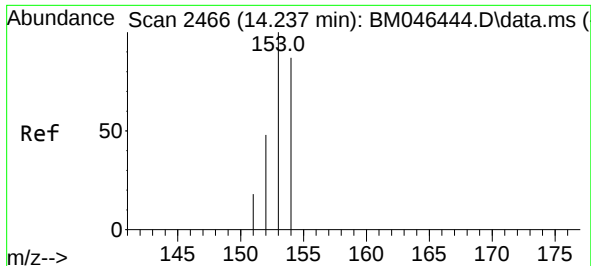


#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 13.887 min Scan# 2390
Delta R.T. -0.012 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00



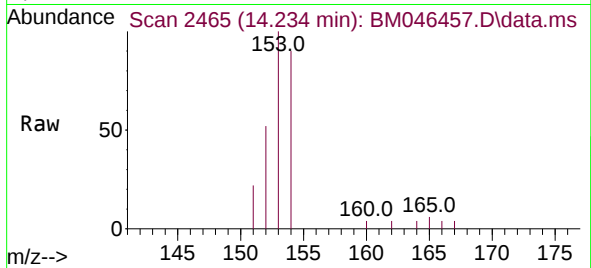
Tgt Ion:152 Resp: 4555
Ion Ratio Lower Upper
152 100
151 21.5 15.9 23.9
153 15.5 11.0 16.6





#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

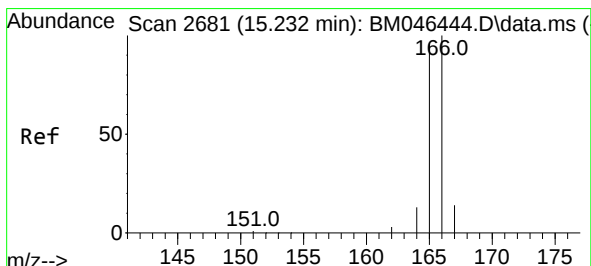
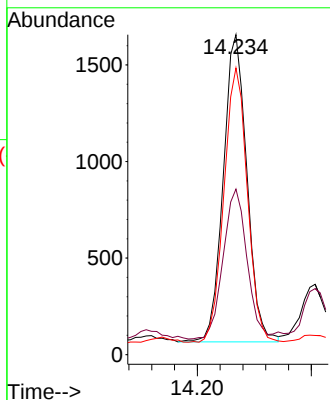
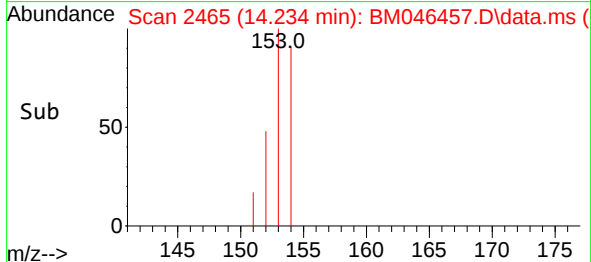
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



Tgt Ion:153 Resp: 228
Ion Ratio Lower Upper
153 100
152 51.7 40.4 60.6
154 89.6 72.1 108.1

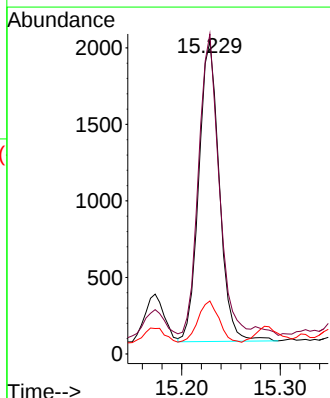
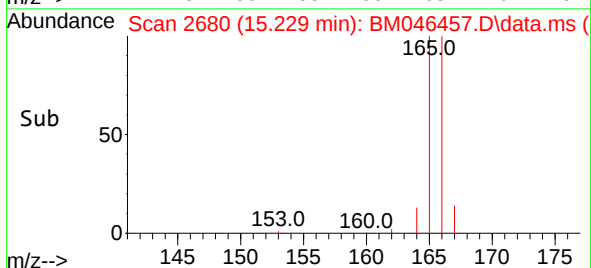
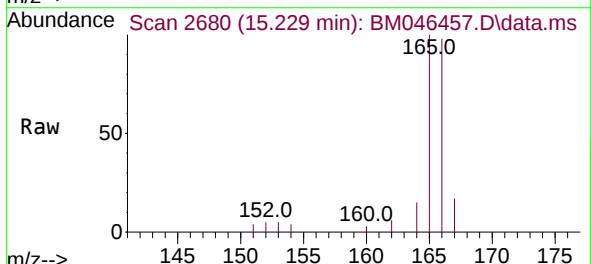
Manual Integrations
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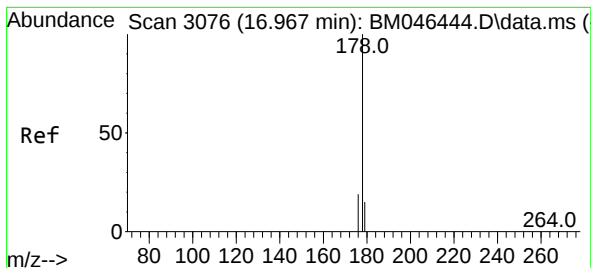
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. -0.012 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

Tgt Ion:166 Resp: 2839
Ion Ratio Lower Upper
166 100
165 102.3 78.0 117.0
167 16.9 11.4 17.0





#15

Phenanthrene

Concen: 1.451 ng/u1

RT: 16.964 min Scan# 3076

Delta R.T. -0.011 min

Lab File: BM046457.D

Acq: 09 Jul 2024 04:00

Instrument :

BNA_M

ClientSampleId :

A4CT2DL

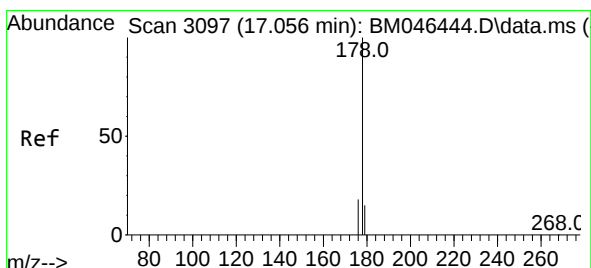
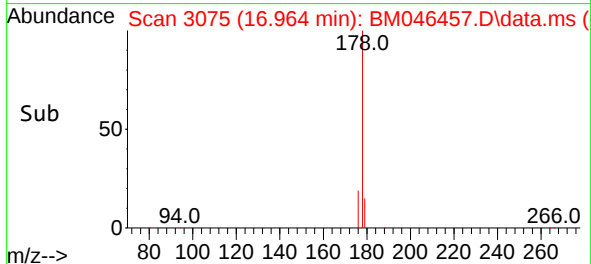
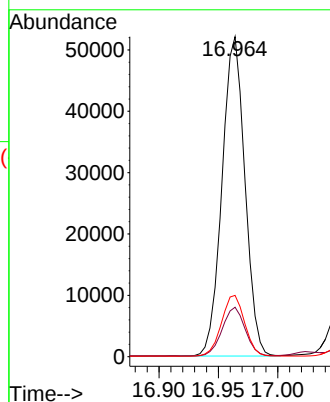
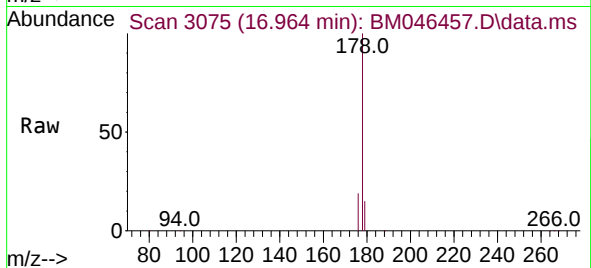
Tgt Ion:178 Resp: 6965

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16

Anthracene

Concen: 0.254 ng/u1

RT: 17.053 min Scan# 3096

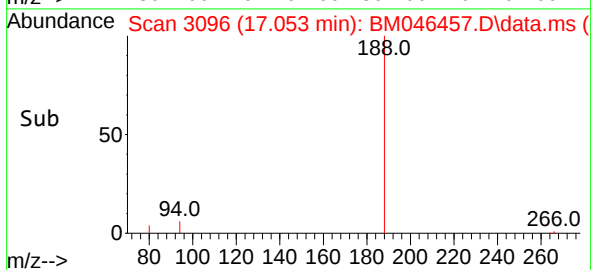
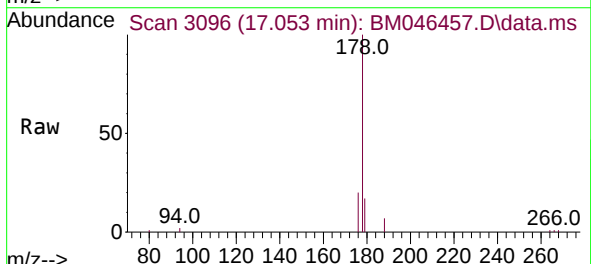
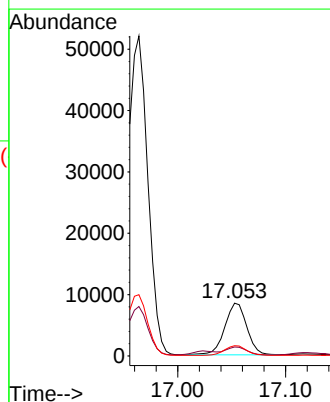
Delta R.T. -0.015 min

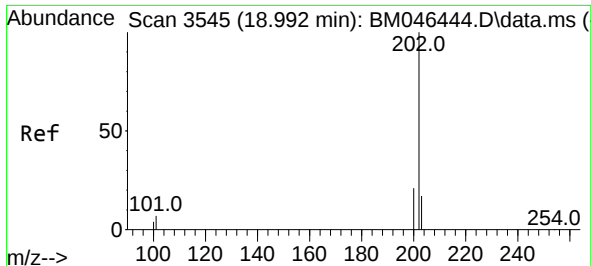
Lab File: BM046457.D

Acq: 09 Jul 2024 04:00

Tgt Ion:178 Resp: 11850

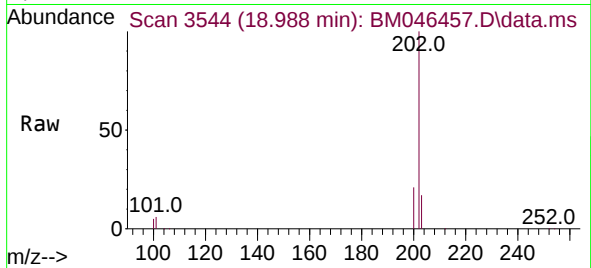
Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	19.5	14.9	22.3





#19
Fluoranthene
Concen: 3.270 ng/ul
RT: 18.988 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

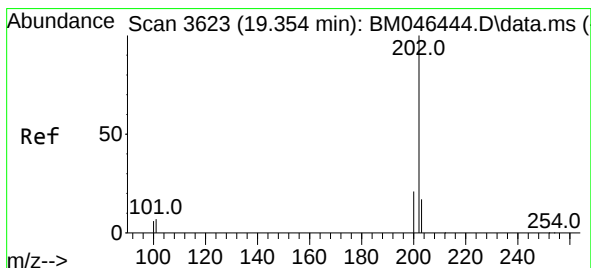
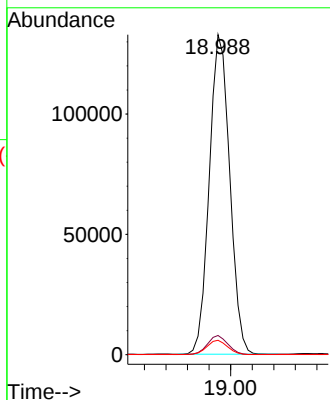
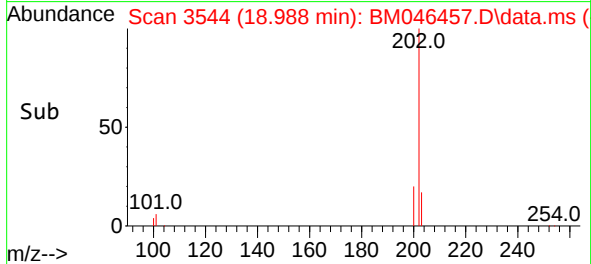
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



Tgt Ion:202 Resp: 175000
Ion Ratio Lower Upper
202 100
101 6.0 6.3 9.5#
100 4.5 5.0 7.6#

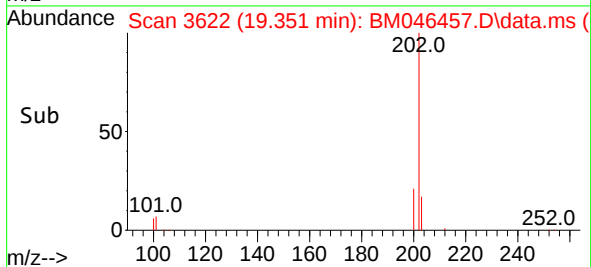
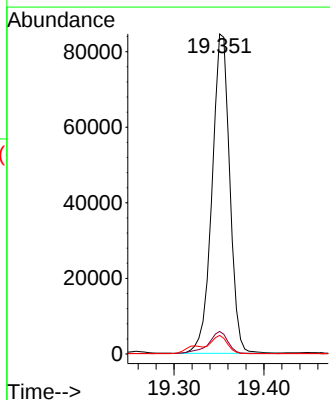
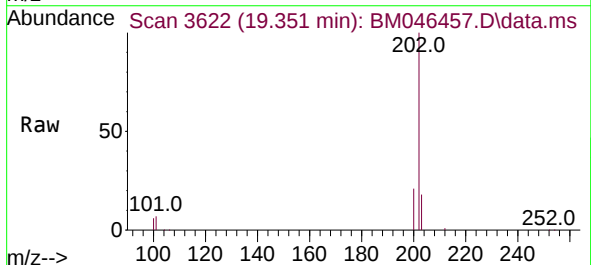
Manual Integrations
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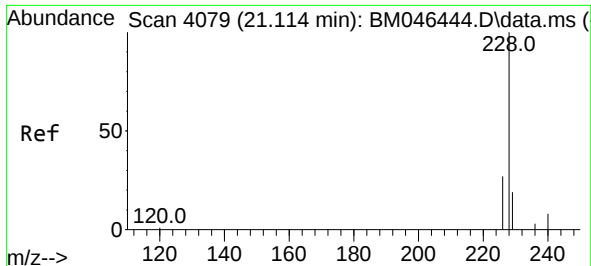
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 2.095 ng/ul
RT: 19.351 min Scan# 3622
Delta R.T. -0.012 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

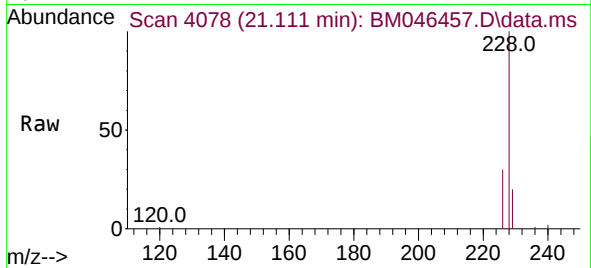
Tgt Ion:202 Resp: 115333
Ion Ratio Lower Upper
202 100
101 7.1 8.2 12.4#
100 5.8 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 1.397 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.015 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

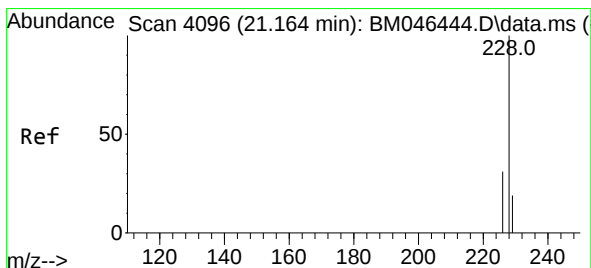
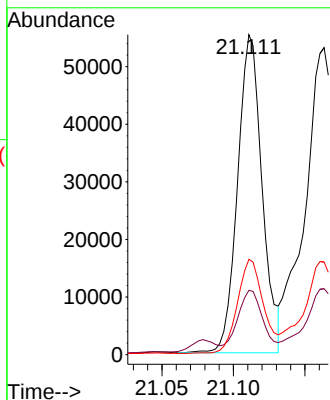
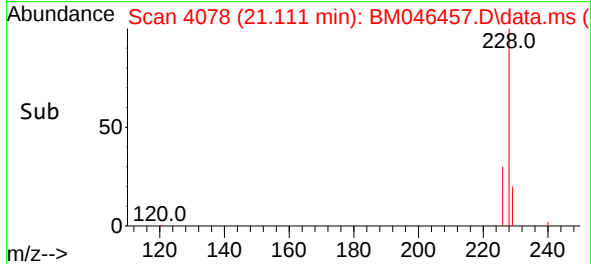
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



Tgt Ion:228 Resp: 66094
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 29.8 22.0 33.0

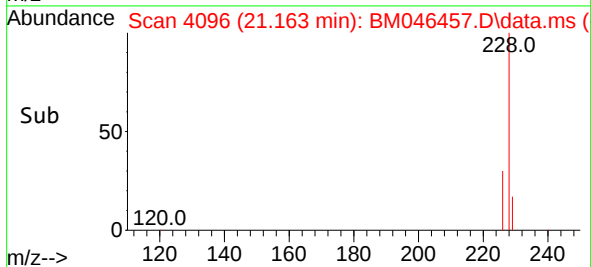
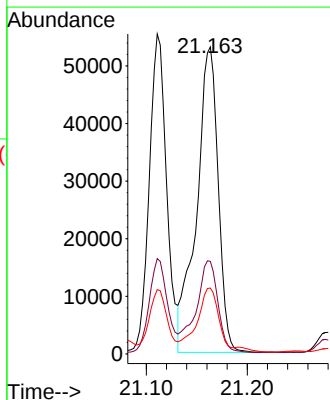
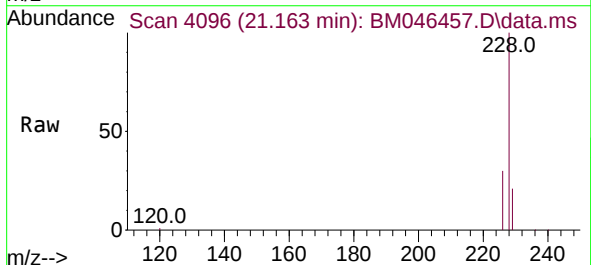
Manual Integrations
APPROVED

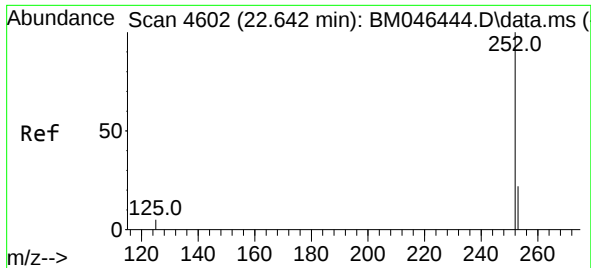
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#22
Chrysene
Concen: 1.679 ng/ul
RT: 21.163 min Scan# 4096
Delta R.T. -0.015 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

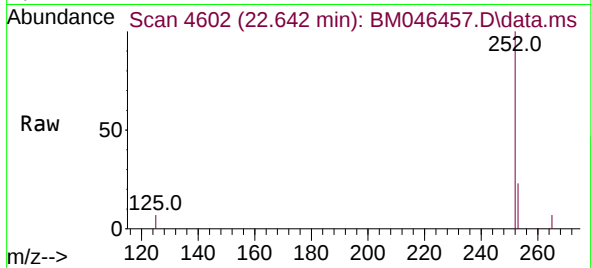
Tgt Ion:228 Resp: 78944
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.185 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.021 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

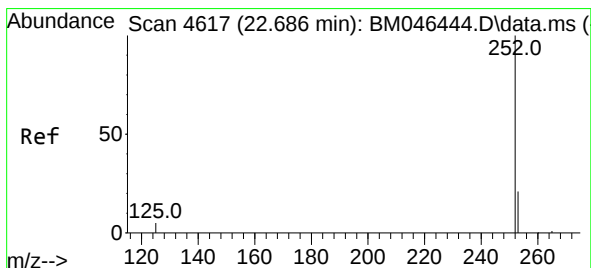
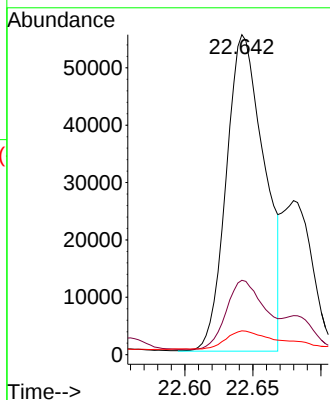
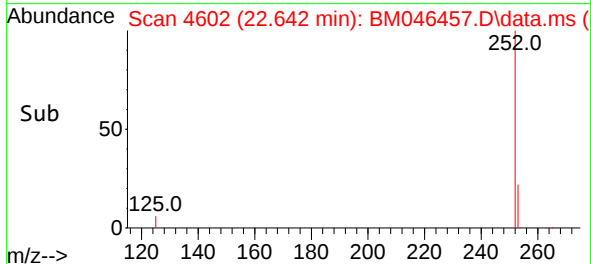
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



Tgt Ion:252 Resp: 107438
Ion Ratio Lower Upper
252 100
253 23.3 0.0 47.0
125 7.4 0.0 18.4

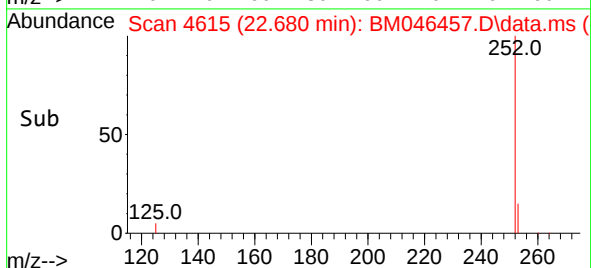
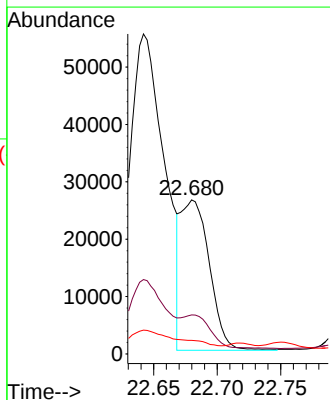
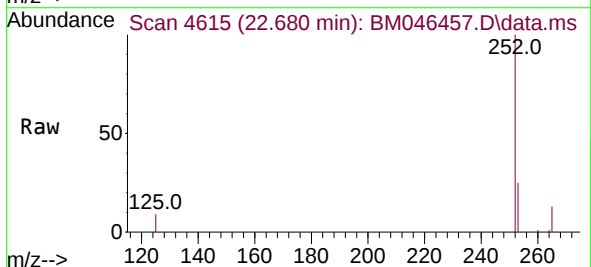
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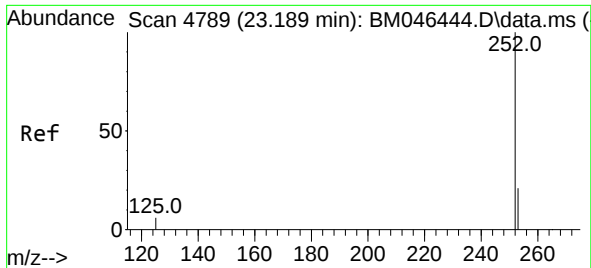
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#25
Benzo(k)fluoranthene
Concen: 0.827 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.027 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

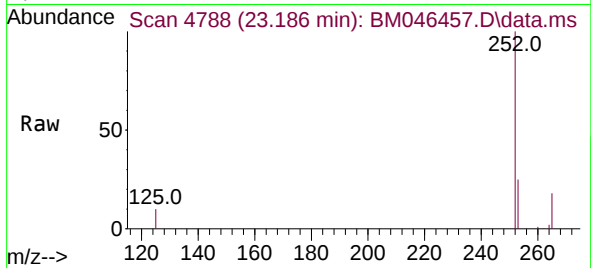
Tgt Ion:252 Resp: 41046
Ion Ratio Lower Upper
252 100
253 25.4 18.4 27.6
125 8.8 7.5 11.3





#26
Benzo(a)pyrene
Concen: 0.854 ng/ul
RT: 23.186 min Scan# 4788
Delta R.T. -0.024 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

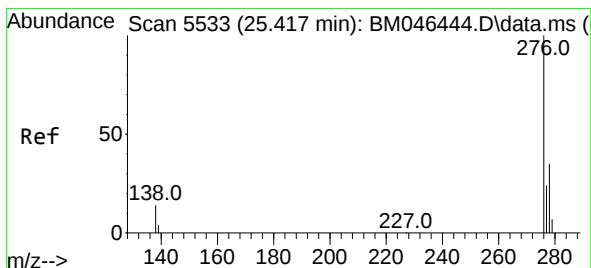
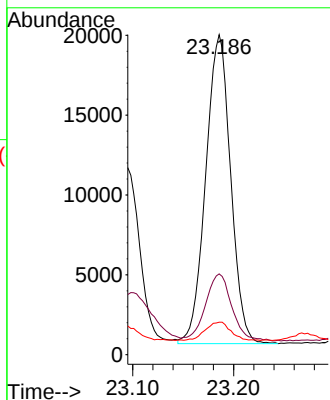
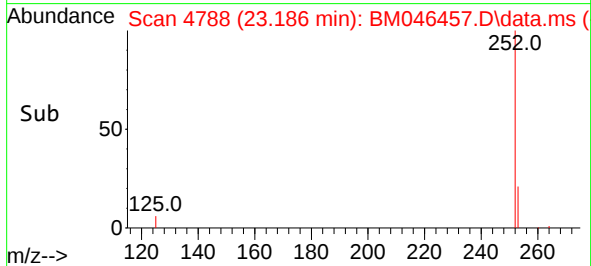
Instrument :
BNA_M
ClientSampleId :
A4CT2DL



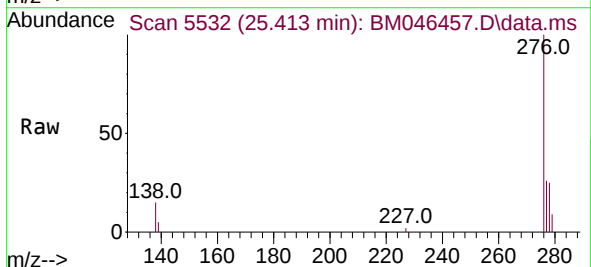
Tgt Ion:252 Resp: 3320
Ion Ratio Lower Upper
252 100
253 25.3 18.9 28.3
125 10.2 8.1 12.1

Manual Integrations
APPROVED

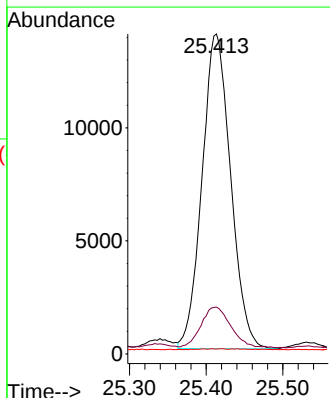
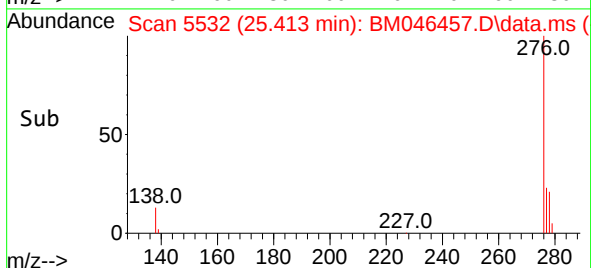
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

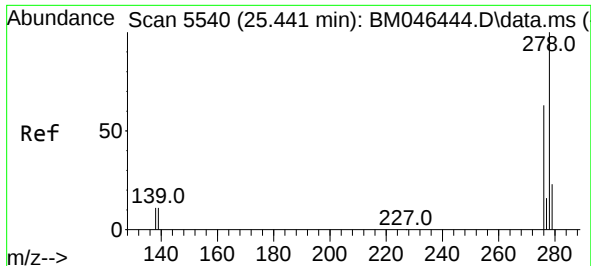


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.687 ng/ul
RT: 25.413 min Scan# 5532
Delta R.T. -0.034 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00



Tgt Ion:276 Resp: 36080
Ion Ratio Lower Upper
276 100
138 13.6 15.7 23.5#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

Instrument :

BNA_M

ClientSampleId :

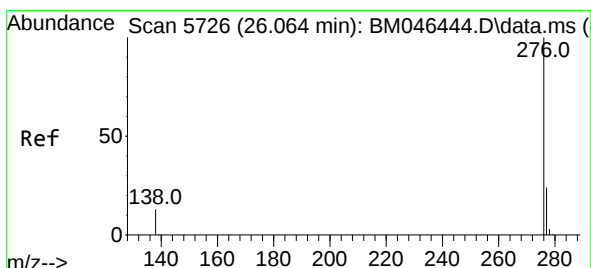
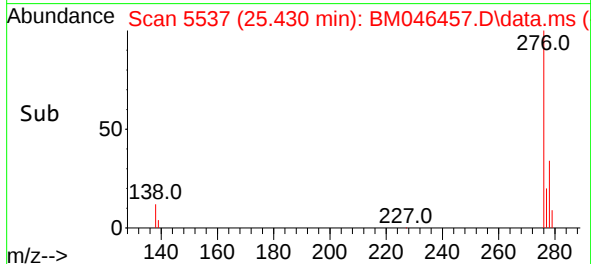
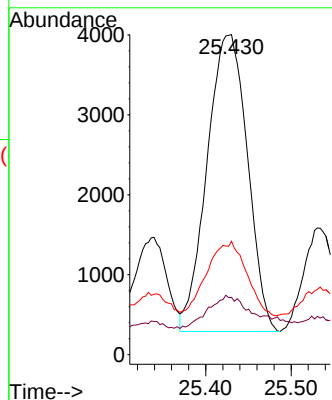
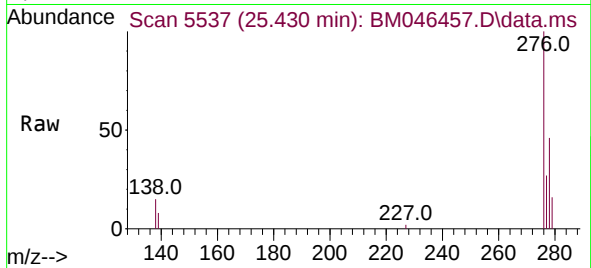
A4CT2DL

Tgt Ion:278 Resp: 12200
Ion Ratio Lower Upper
278 100
139 17.9 12.6 18.8
279 35.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.057 min Scan# 5724
Delta R.T. -0.034 min
Lab File: BM046457.D
Acq: 09 Jul 2024 04:00

Tgt Ion:276 Resp: 5187
Ion Ratio Lower Upper
276 100
138 24.0 15.4 23.0#
277 34.8 19.7 29.5#

