

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046397.D
 Acq On : 06 Jul 2024 01:08
 Operator : MA/JU
 Sample : P3010-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B68

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 02:10:30 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	7.539	152	9461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	28795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	17889	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	38359	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	19518	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	17004	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	29791	3.048	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	10431	0.245	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	21618	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	5355	0.070	ng/ul	96
7) 2-Methylnaphthalene	11.976	142	2387	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	2353	0.044	ng/ul	96
10) Acenaphthylene	13.896	152	7711	0.085	ng/ul	98
11) Acenaphthene	14.243	153	13096	0.221	ng/ul	99
12) Fluorene	15.238	166	15264	0.218	ng/ul	99
15) Phenanthrene	16.972	178	333271	2.901	ng/ul	99
16) Anthracene	17.065	178	61081	0.548	ng/ul	100
19) Fluoranthene	18.998	202	614820	6.232	ng/ul	100
20) Pyrene	19.365	202	398590	3.927	ng/ul	96
21) Benzo(a)anthracene	21.120	228	233112	2.673	ng/ul	97
22) Chrysene	21.169	228	230336	2.656	ng/ul	98
24) Benzo(b)fluoranthene	22.654	252	258332m	3.573	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	86684m	1.188	ng/ul	
26) Benzo(a)pyrene	23.200	252	87261	1.527	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.430	276	76071	0.985	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.450	278	25151	0.421	ng/ul	95
29) Benzo(g,h,i)perylene	26.077	276	11378	0.185	ng/ul#	87

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

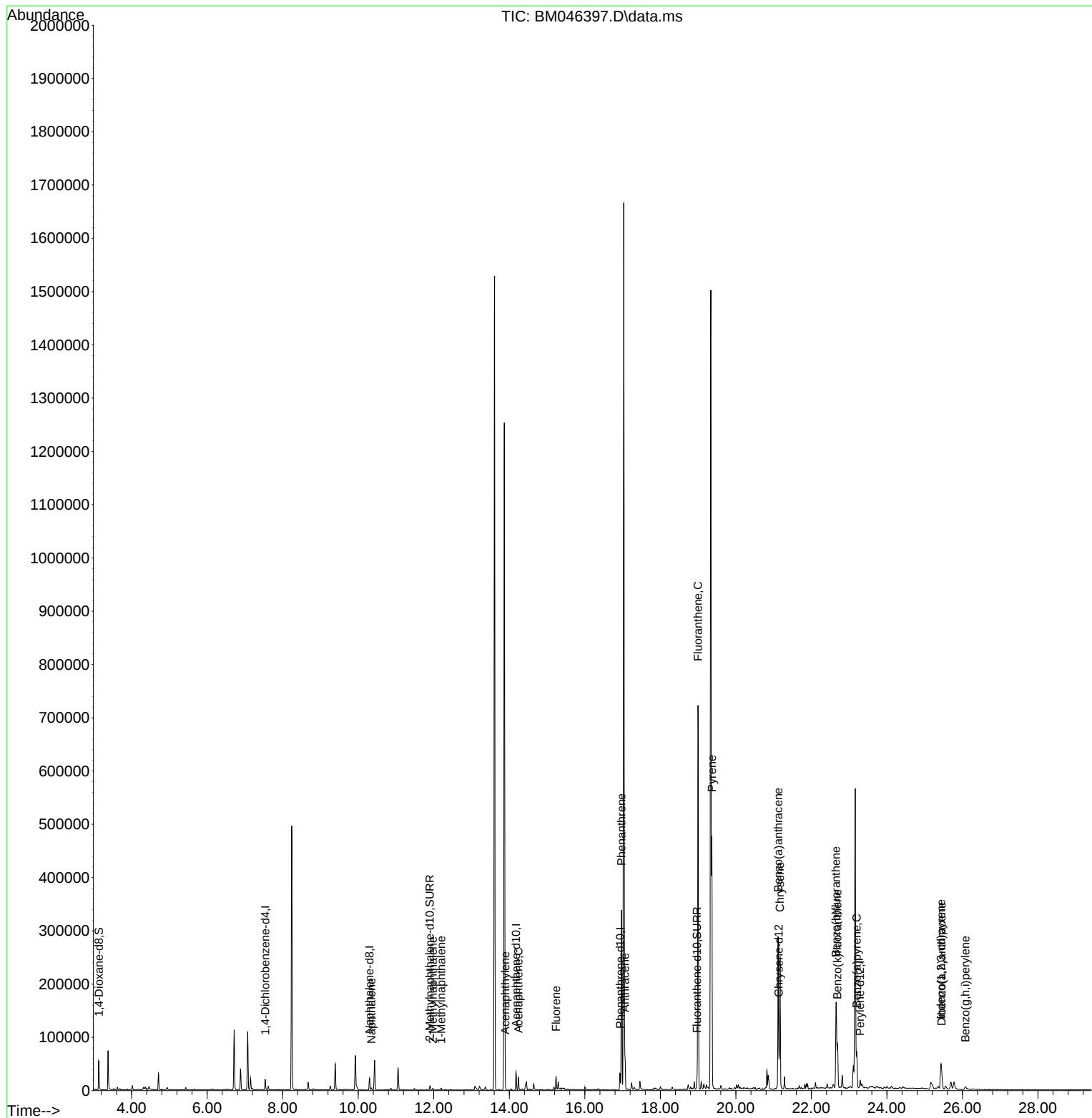
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046397.D
Acq On : 06 Jul 2024 01:08
Operator : MA/JU
Sample : P3010-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

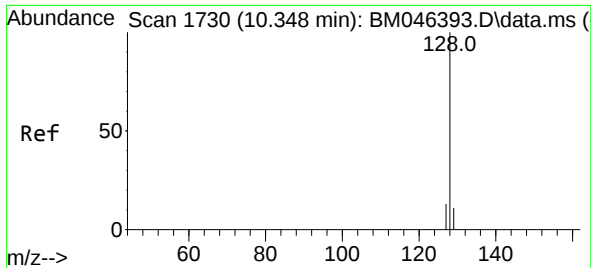
Instrument :
BNA_M
ClientSampleId :
A4B68

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

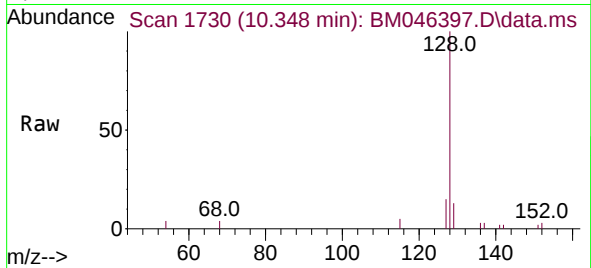
Quant Time: Jul 06 02:10:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

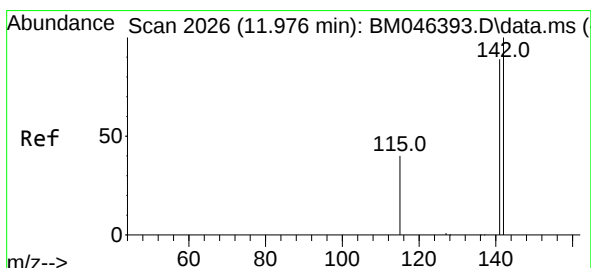
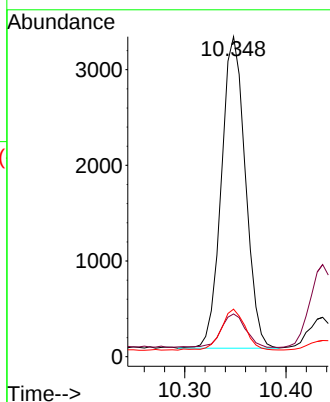
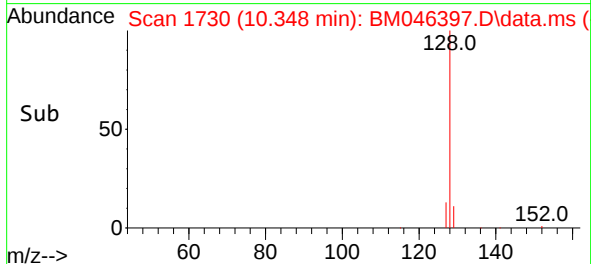
Instrument :
BNA_M
ClientSampleId :
A4B68



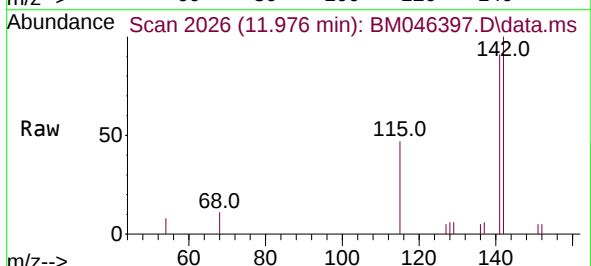
Tgt Ion:128 Resp: 535
Ion Ratio Lower Upper
128 100
129 13.4 9.4 14.0
127 14.9 10.8 16.2

Manual Integrations
APPROVED

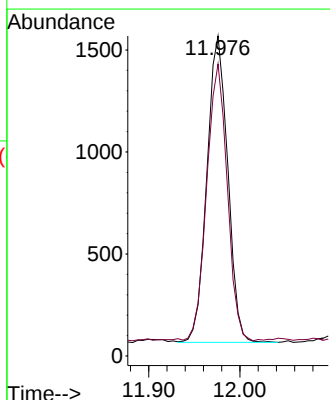
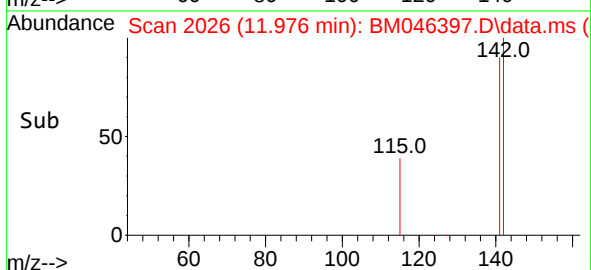
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

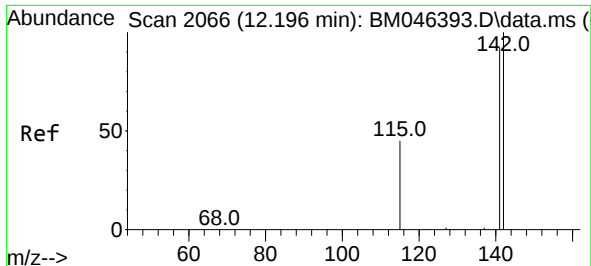


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08



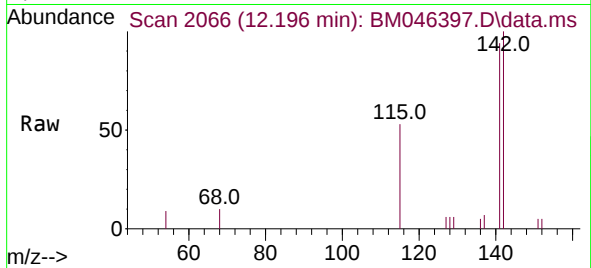
Tgt Ion:142 Resp: 2387
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

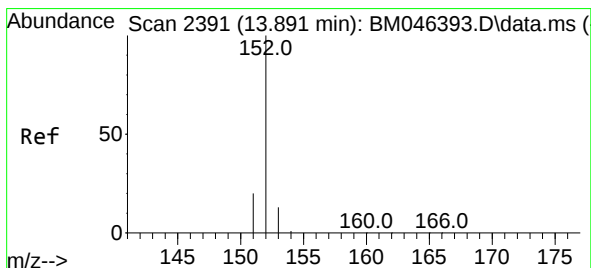
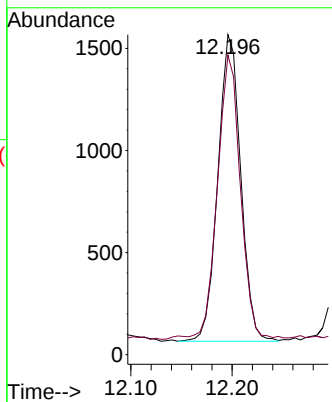
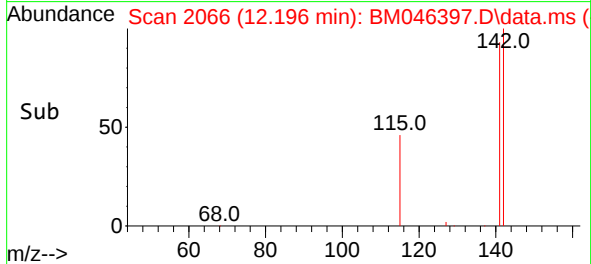
Instrument :
BNA_M
ClientSampleId :
A4B68



Tgt Ion:142 Resp: 235
Ion Ratio Lower Upper
142 100
141 93.9 72.4 108.6

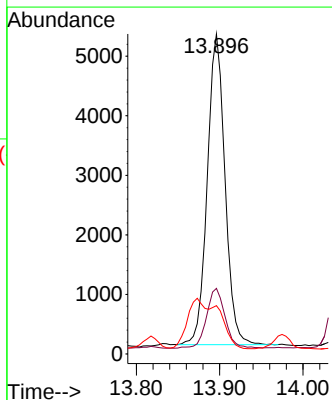
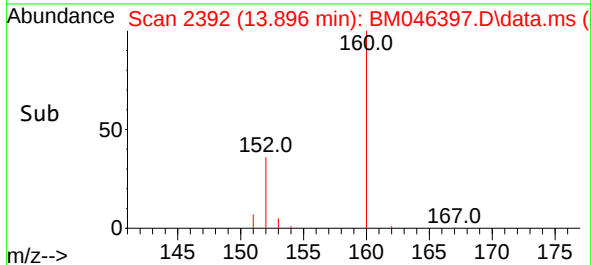
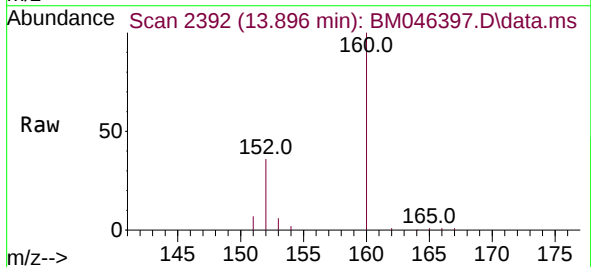
Manual Integrations
APPROVED

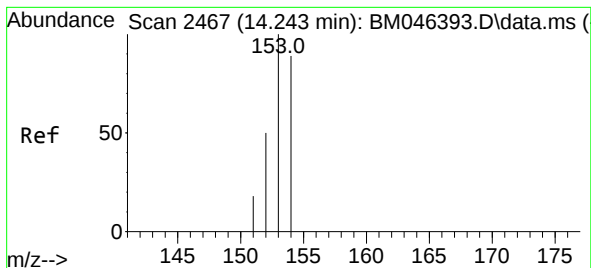
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

Tgt Ion:152 Resp: 7711
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 15.1 11.0 16.6





#11

Acenaphthene

Concen: 0.221 ng/ul

RT: 14.243 min Scan# 2467

Delta R.T. -0.003 min

Lab File: BM046397.D

Acq: 06 Jul 2024 01:08

Instrument :

BNA_M

ClientSampleId :

A4B68

Tgt Ion:153 Resp: 13090

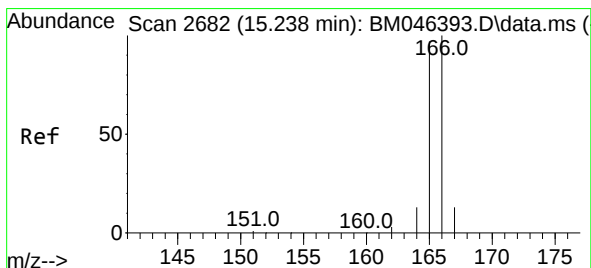
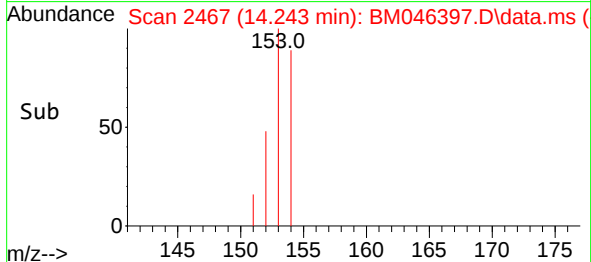
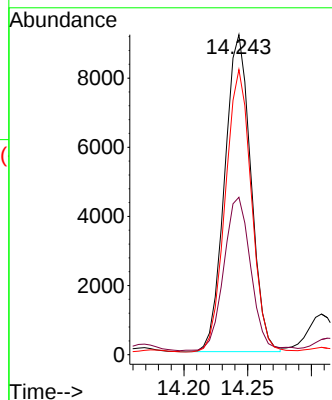
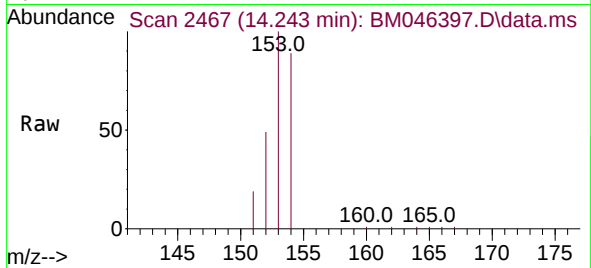
Ion	Ratio	Lower	Upper
153	100		
152	49.2	40.4	60.6
154	89.1	72.1	108.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#12

Fluorene

Concen: 0.218 ng/ul

RT: 15.238 min Scan# 2682

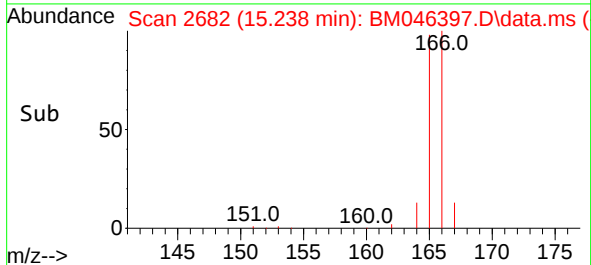
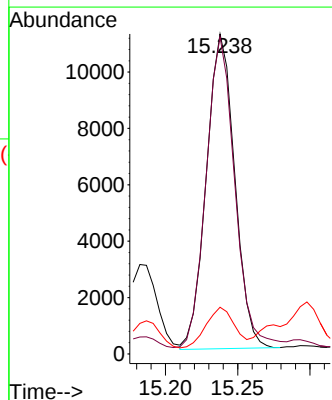
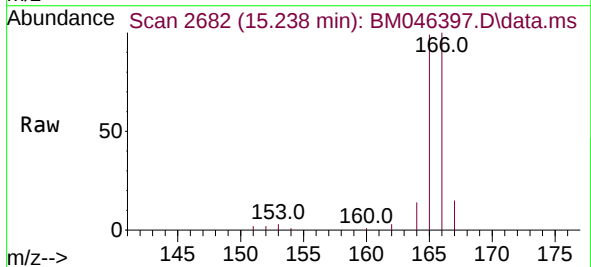
Delta R.T. -0.003 min

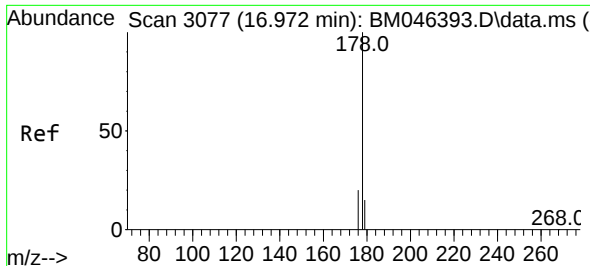
Lab File: BM046397.D

Acq: 06 Jul 2024 01:08

Tgt Ion:166 Resp: 15264

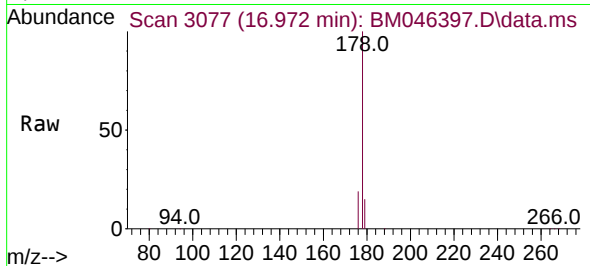
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.0	117.0
167	14.6	11.4	17.0





#15
Phenanthrene
Concen: 2.901 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

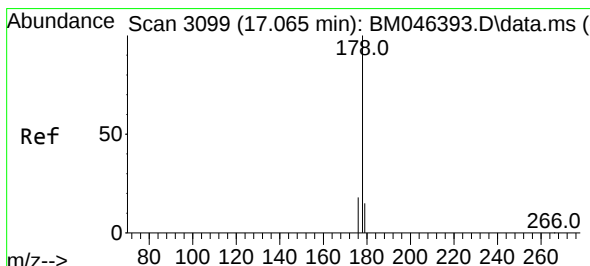
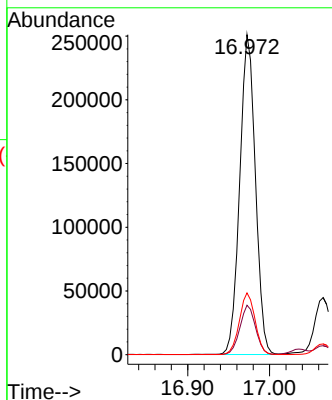
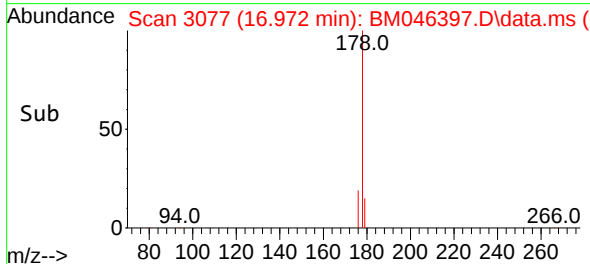
Instrument :
BNA_M
ClientSampleId :
A4B68



Tgt Ion:178 Resp: 33327
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 16.0 24.0

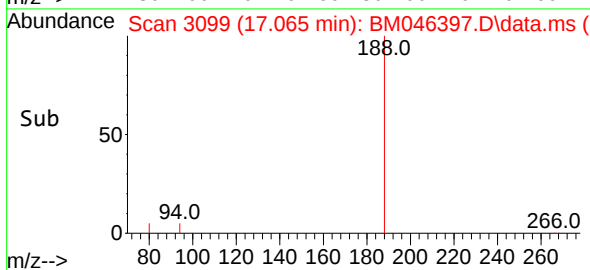
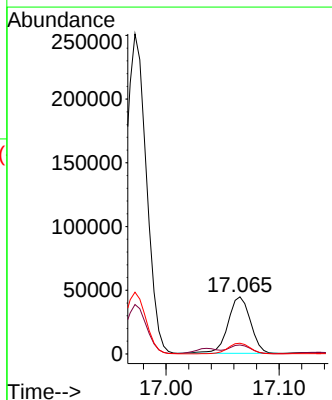
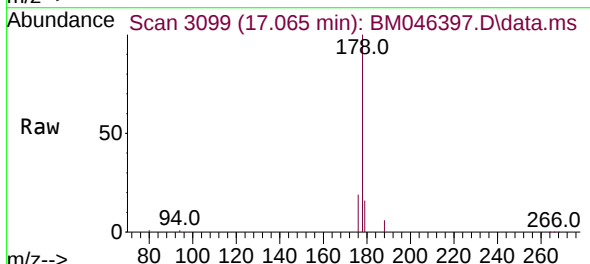
Manual Integrations
APPROVED

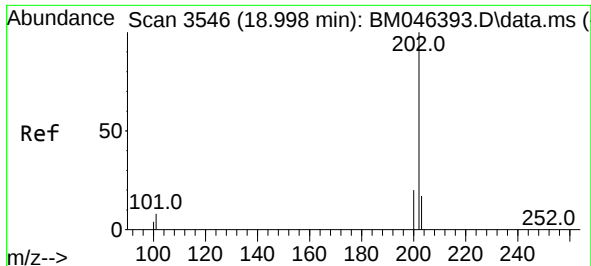
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.548 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

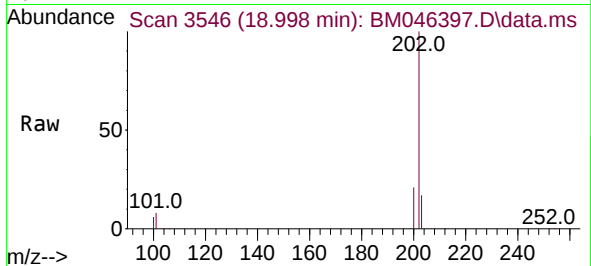
Tgt Ion:178 Resp: 61081
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.9 14.9 22.3





#19
Fluoranthene
Concen: 6.232 ng/ul
RT: 18.998 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

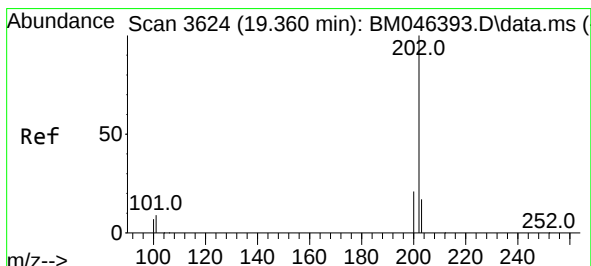
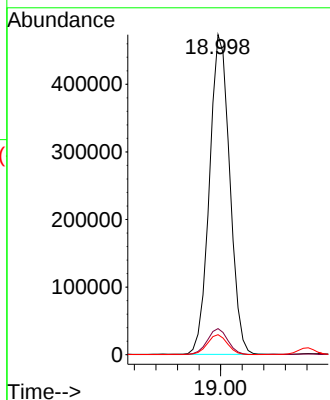
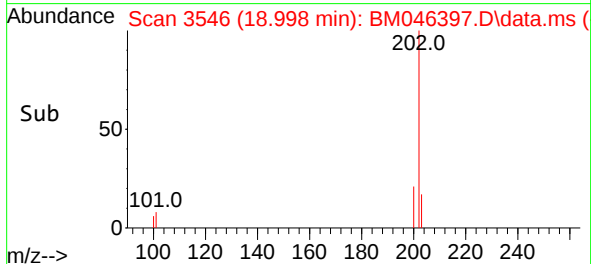
Instrument :
BNA_M
ClientSampleId :
A4B68



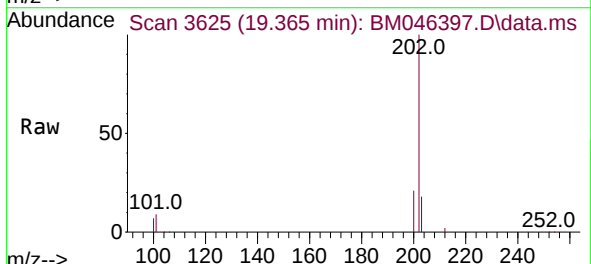
Tgt Ion:202 Resp: 614820
Ion Ratio Lower Upper
202 100
101 8.1 6.3 9.5
100 6.2 5.0 7.6

Manual Integrations
APPROVED

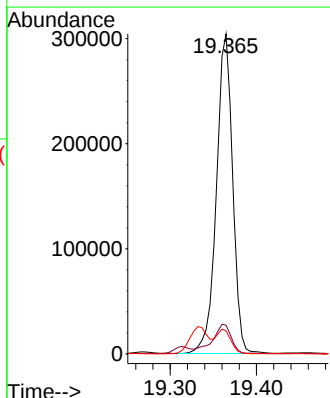
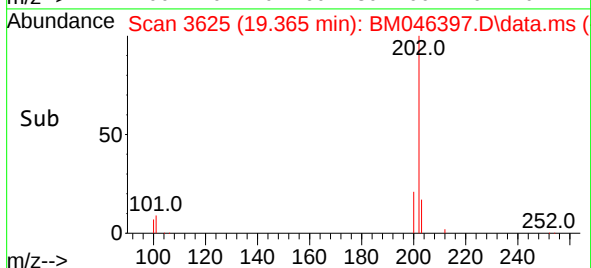
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

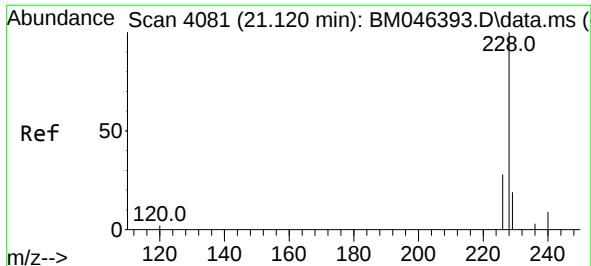


#20
Pyrene
Concen: 3.927 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. 0.002 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08



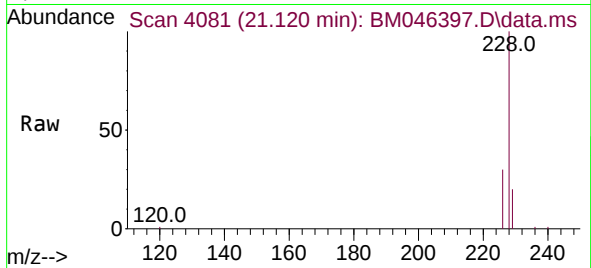
Tgt Ion:202 Resp: 398590
Ion Ratio Lower Upper
202 100
101 9.0 8.2 12.4
100 7.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.673 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

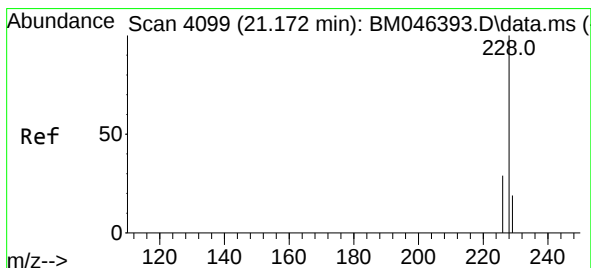
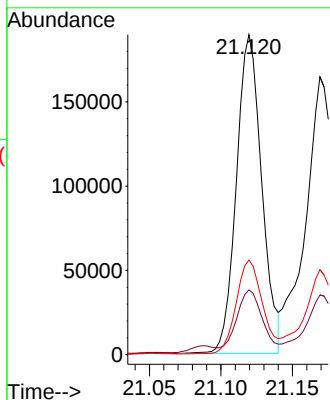
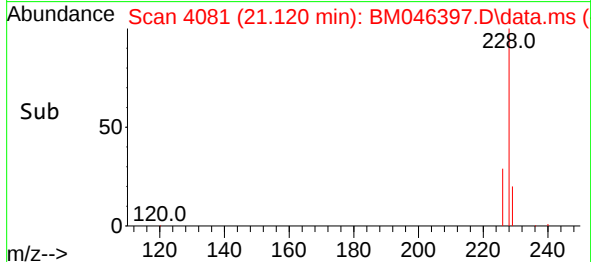
Instrument :
BNA_M
ClientSampleId :
A4B68



Tgt Ion:228 Resp: 23311
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 29.6 22.0 33.0

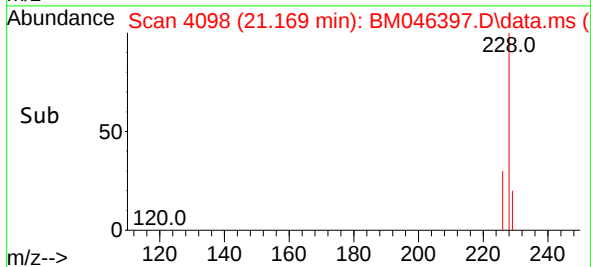
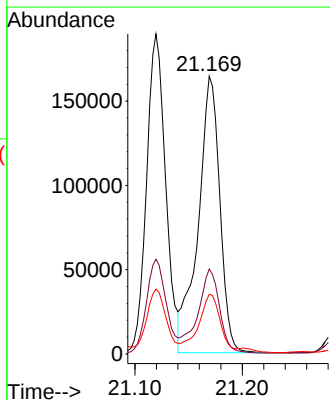
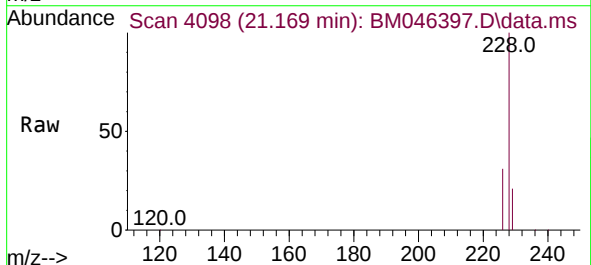
Manual Integrations
APPROVED

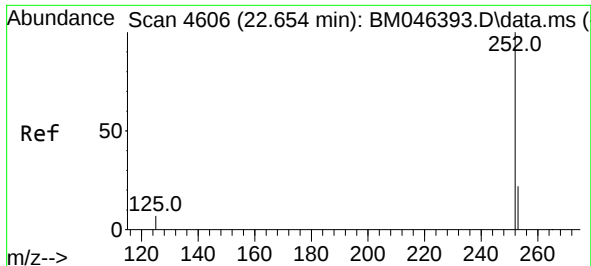
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 2.656 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

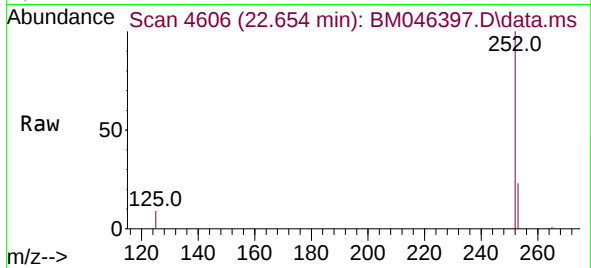
Tgt Ion:228 Resp: 230336
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.573 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

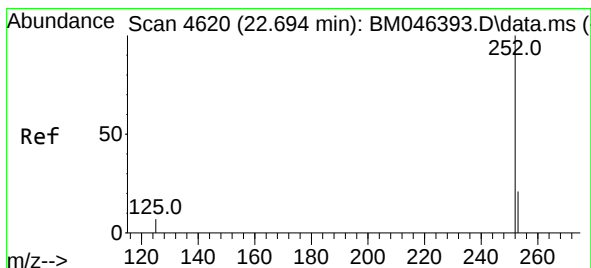
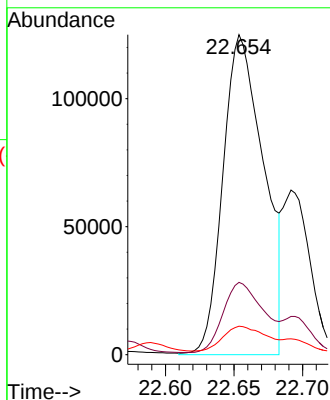
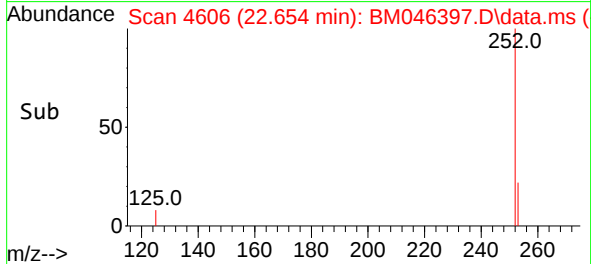
Instrument :
BNA_M
ClientSampleId :
A4B68



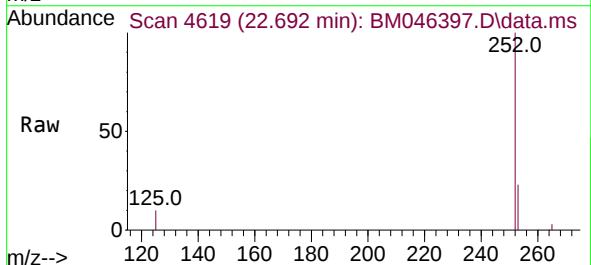
Tgt Ion:252 Resp: 258332
Ion Ratio Lower Upper
252 100
253 22.6 0.0 47.0
125 8.9 0.0 18.4

Manual Integrations
APPROVED

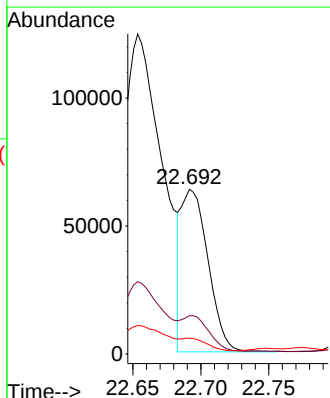
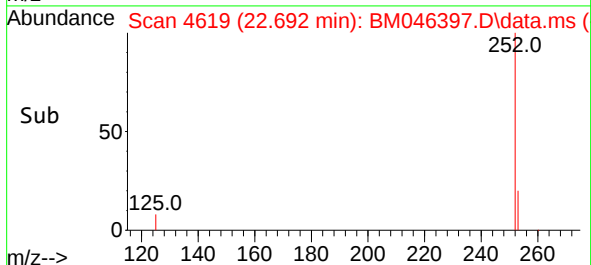
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

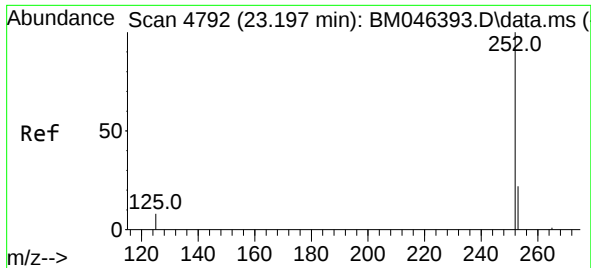


#25
Benzo(k)fluoranthene
Concen: 1.188 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08



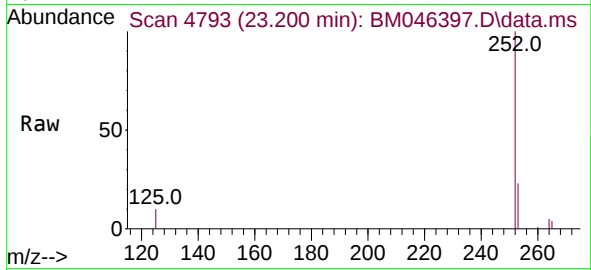
Tgt Ion:252 Resp: 86684
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 9.6 7.5 11.3





#26
Benzo(a)pyrene
Concen: 1.527 ng/ul
RT: 23.200 min Scan# 4792
Delta R.T. -0.009 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

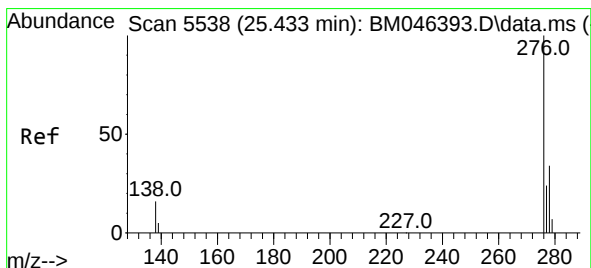
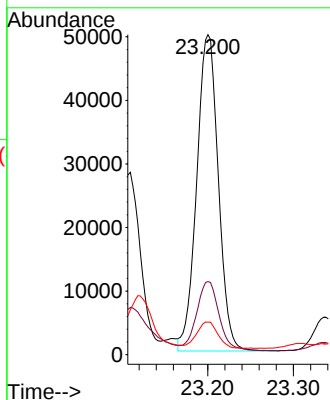
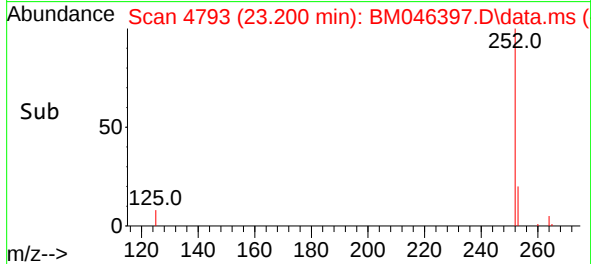
Instrument :
BNA_M
ClientSampleId :
A4B68



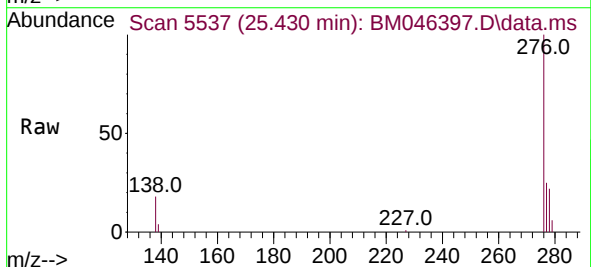
Tgt Ion:252 Resp: 8726
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 10.1 8.1 12.1

Manual Integrations
APPROVED

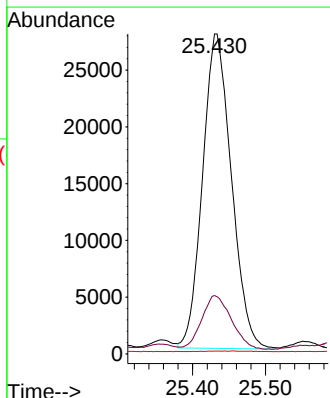
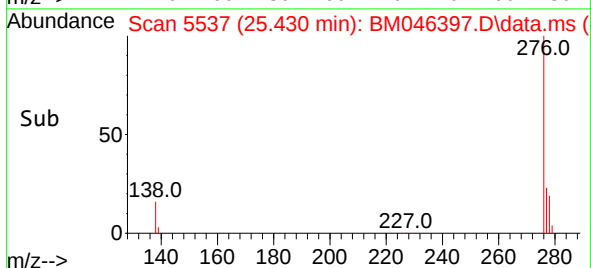
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

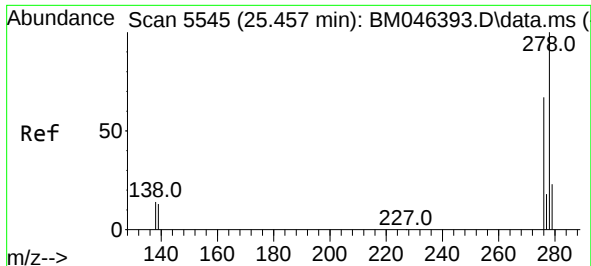


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.985 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08



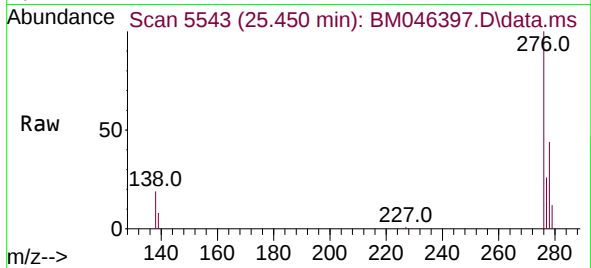
Tgt Ion:276 Resp: 76071
Ion Ratio Lower Upper
276 100
138 17.6 15.7 23.5
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

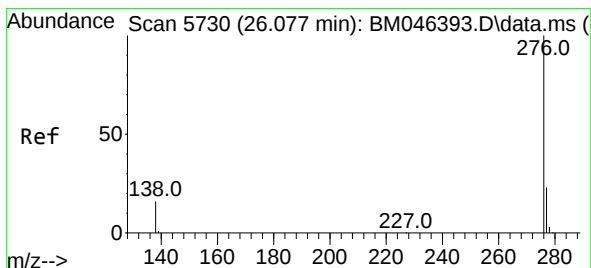
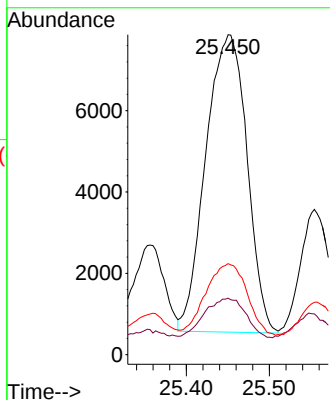
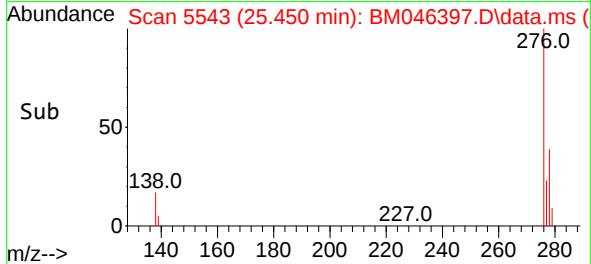
Instrument :
BNA_M
ClientSampleId :
A4B68



Tgt Ion:278 Resp: 2515
Ion Ratio Lower Upper
278 100
139 17.6 12.6 18.8
279 28.4 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.185 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.014 min
Lab File: BM046397.D
Acq: 06 Jul 2024 01:08

Tgt Ion:276 Resp: 11378
Ion Ratio Lower Upper
276 100
138 26.0 15.4 23.0#
277 29.9 19.7 29.5#

