

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046400.D
 Acq On : 06 Jul 2024 02:59
 Operator : MA/JU
 Sample : P3010-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B65

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 03:30:48 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	7.535	152	9085	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	26911	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	16136	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	33544	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	15631	0.400	ng/ul	# 0.00
23) Perylene-d12	23.294	264	18188	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	22706	2.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.897	152	7607	0.191	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	14051	0.257	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	25520	0.357	ng/ul	99
7) 2-Methylnaphthalene	11.974	142	13417	0.278	ng/ul	99
8) 1-Methylnaphthalene	12.200	142	11997	0.241	ng/ul	100
10) Acenaphthylene	13.895	152	19907	0.243	ng/ul	98
11) Acenaphthene	14.242	153	77390	1.449	ng/ul	98
12) Fluorene	15.236	166	103715	1.646	ng/ul	99
15) Phenanthrene	16.975	178	1748564	17.407	ng/ul	99
16) Anthracene	17.064	178	330042	3.387	ng/ul	100
19) Fluoranthene	19.001	202	2396244	30.328	ng/ul	99
20) Pyrene	19.363	202	1470448	18.088	ng/ul	97
21) Benzo(a)anthracene	21.123	228	834389	11.947	ng/ul	98
22) Chrysene	21.172	228	807903	11.635	ng/ul	97
24) Benzo(b)fluoranthene	22.660	252	920252m	11.901	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	306360m	3.925	ng/ul	
26) Benzo(a)pyrene	23.203	252	311939	5.104	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.440	276	268897	3.257	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.457	278	100248	1.569	ng/ul	97
29) Benzo(g,h,i)perylene	26.084	276	37431	0.569	ng/ul	95

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

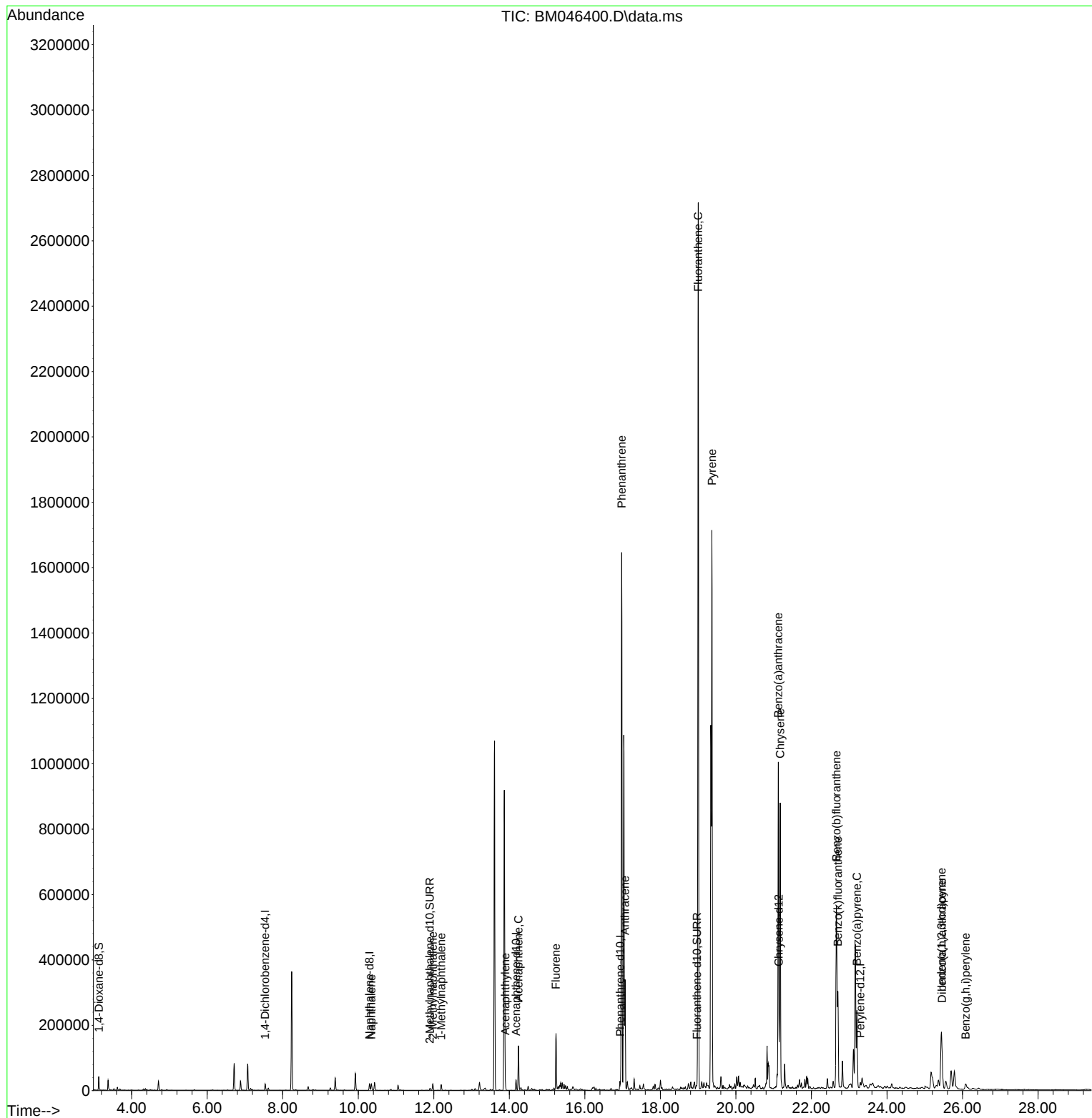
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046400.D
Acq On : 06 Jul 2024 02:59
Operator : MA/JU
Sample : P3010-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

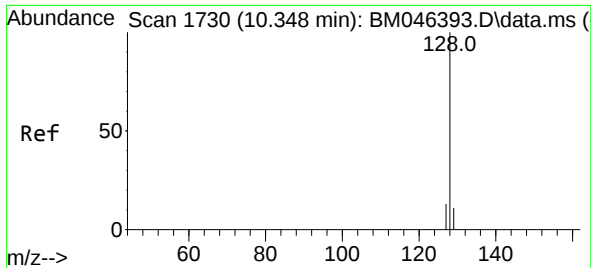
Instrument :
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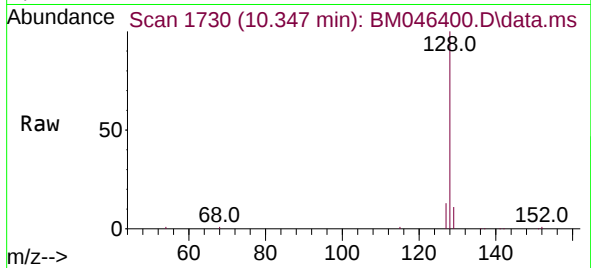
Quant Time: Jul 06 03:30:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

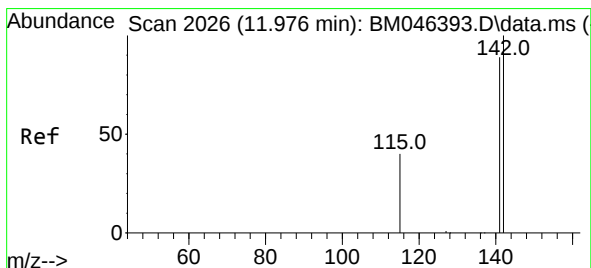
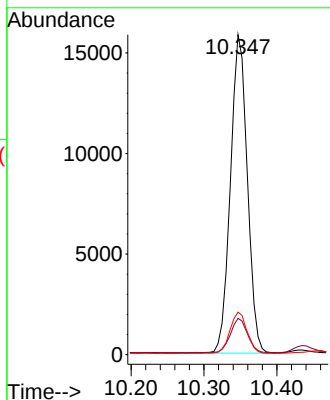
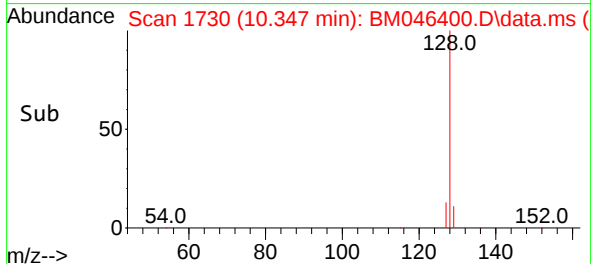
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:128 Resp: 25520
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.8 16.2

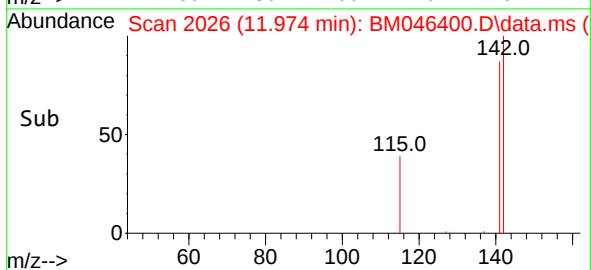
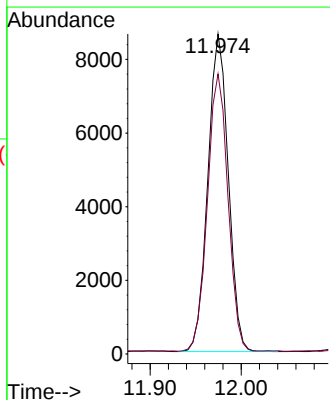
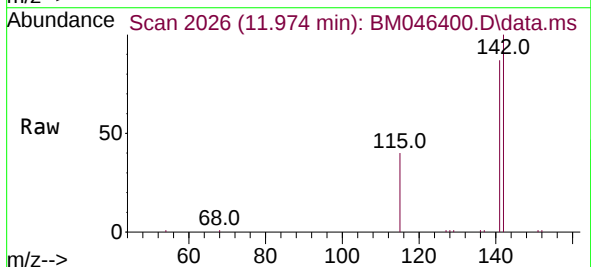
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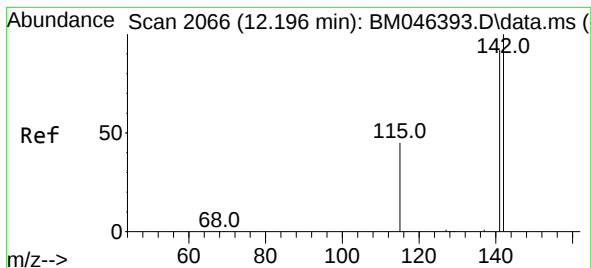
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

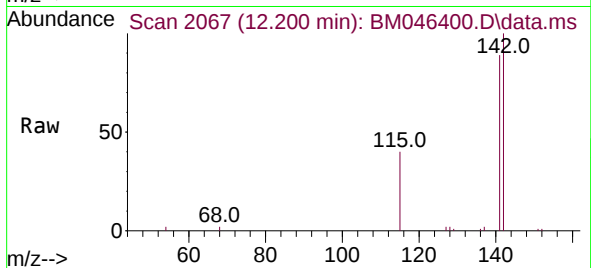
Tgt Ion:142 Resp: 13417
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

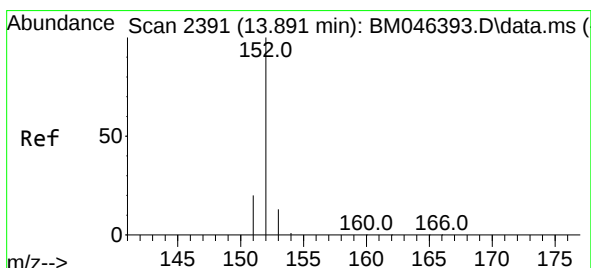
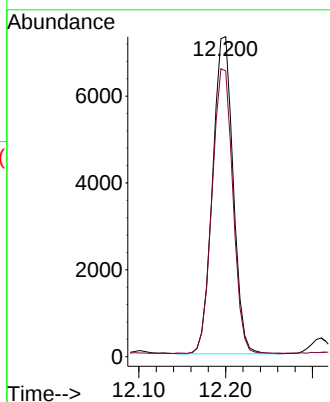
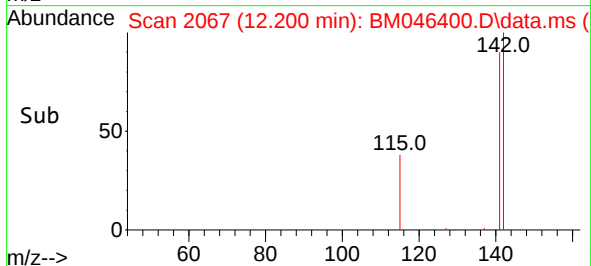
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:142 Resp: 1199
Ion Ratio Lower Upper
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141 90.9 72.4 108.6

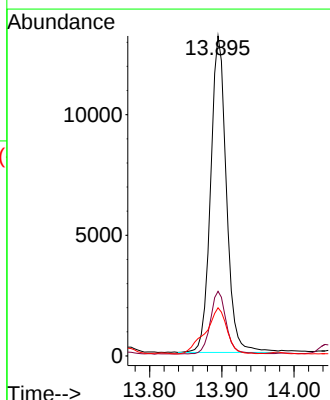
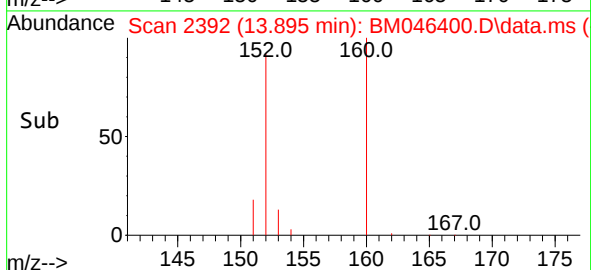
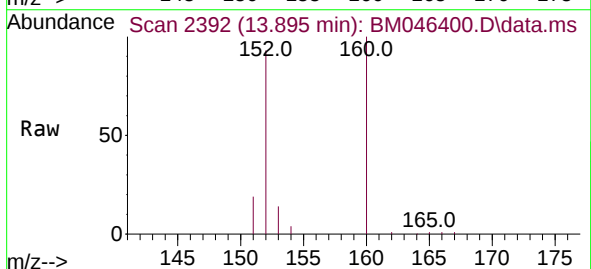
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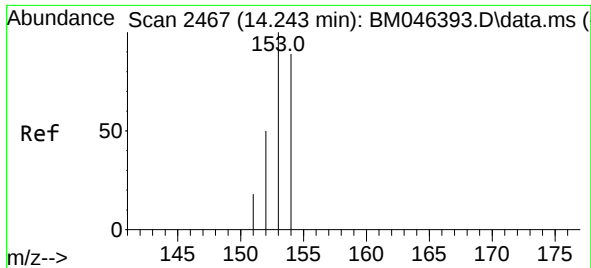
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

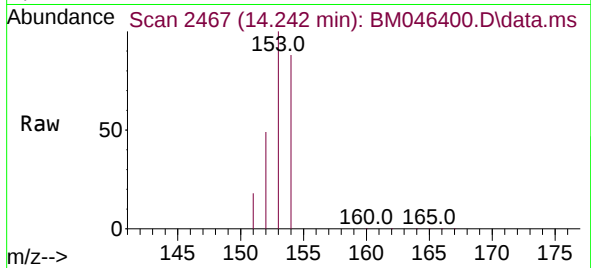
Tgt Ion:152 Resp: 19907
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 15.1 11.0 16.6





#11
Acenaphthene
Concen: 1.449 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

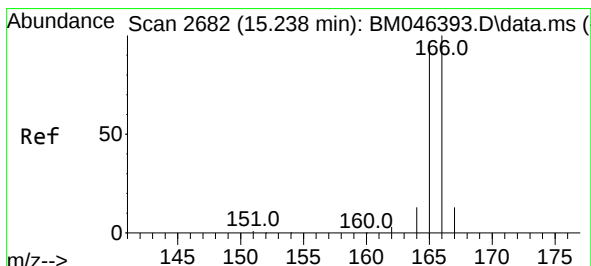
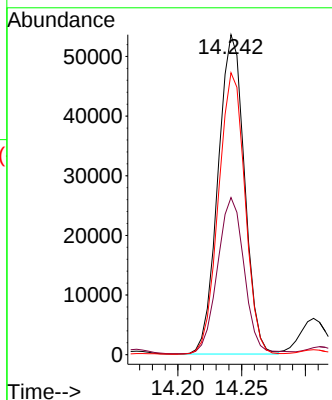
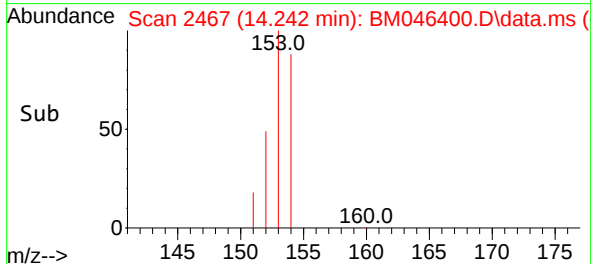
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:153 Resp: 77390
Ion Ratio Lower Upper
153 100
152 49.1 40.4 60.6
154 88.1 72.1 108.1

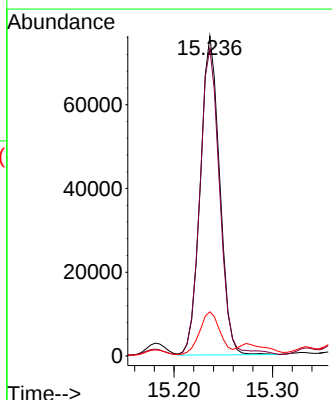
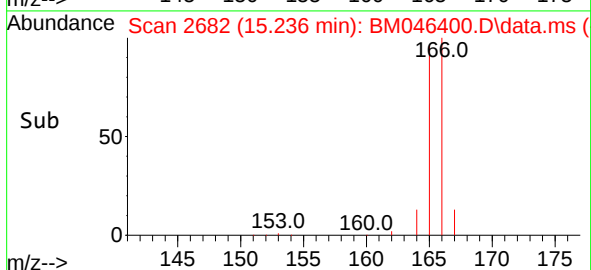
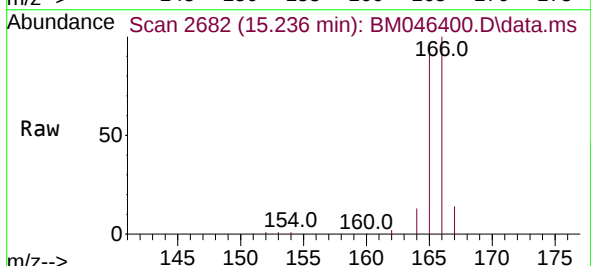
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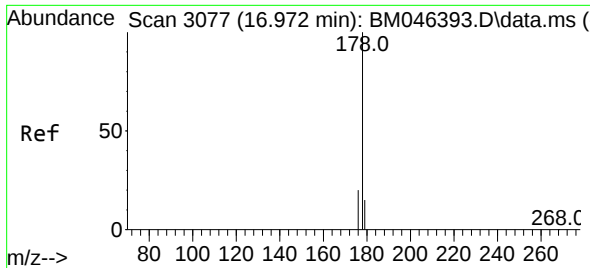
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 1.646 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

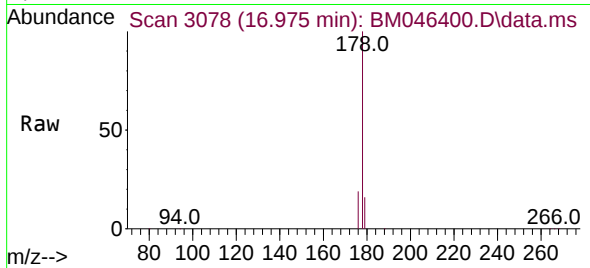
Tgt Ion:166 Resp: 103715
Ion Ratio Lower Upper
166 100
165 96.1 78.0 117.0
167 13.8 11.4 17.0





#15
Phenanthrene
Concen: 17.407 ng/u1
RT: 16.975 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

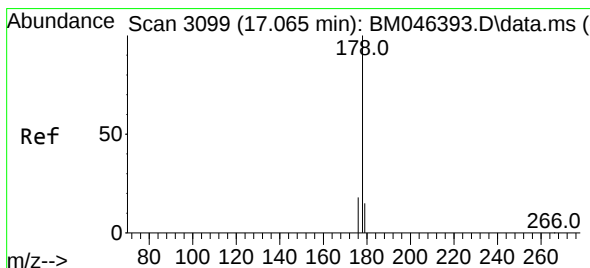
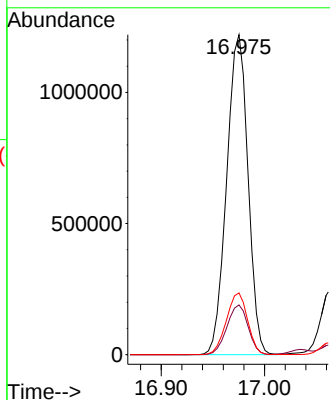
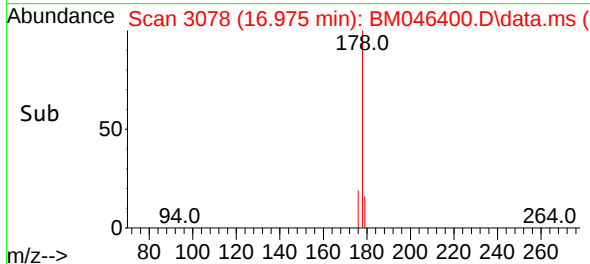
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:178 Resp: 1748564
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.3 16.0 24.0

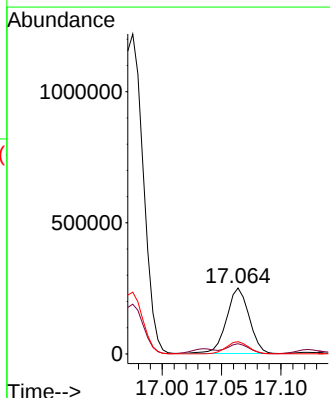
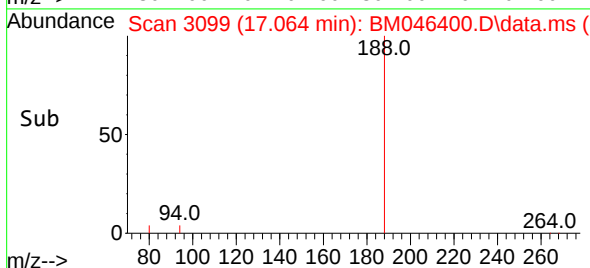
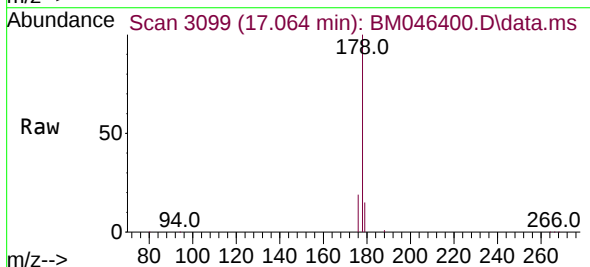
Manual Integrations
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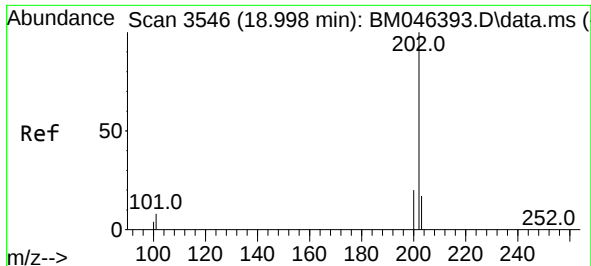
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 3.387 ng/u1
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

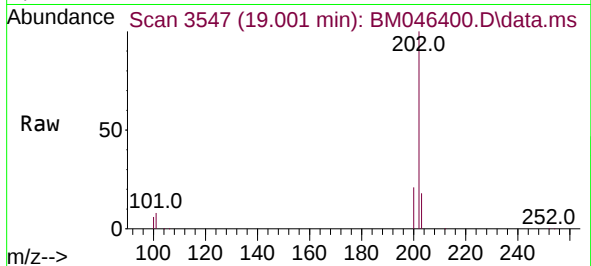
Tgt Ion:178 Resp: 330042
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.6 14.9 22.3





#19
Fluoranthene
Concen: 30.328 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

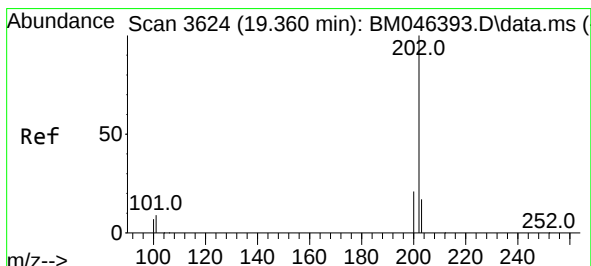
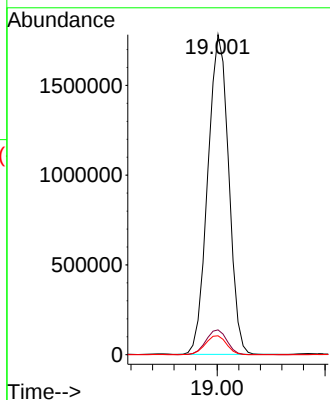
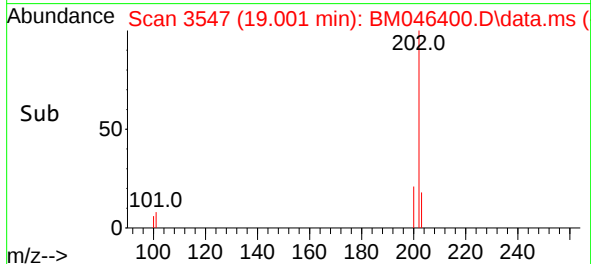
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:202 Resp: 239624
Ion Ratio Lower Upper
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101 7.7 6.3 9.5
100 5.9 5.0 7.6

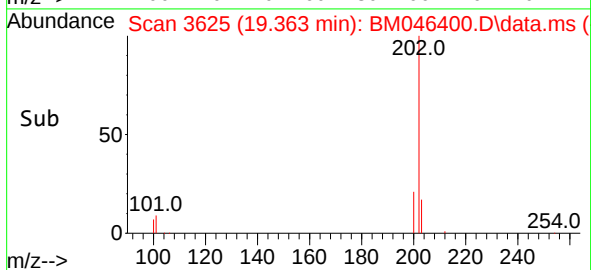
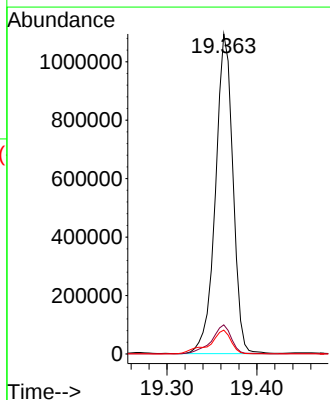
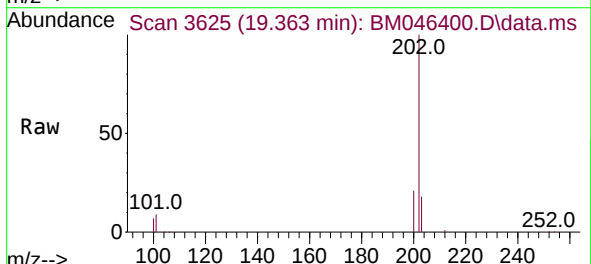
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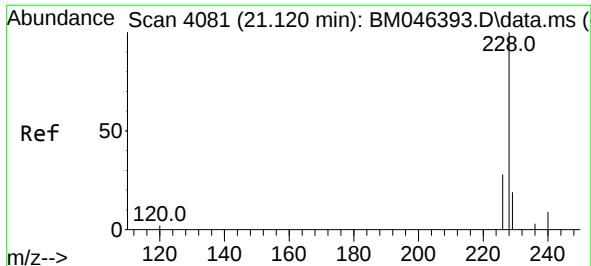
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 18.088 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

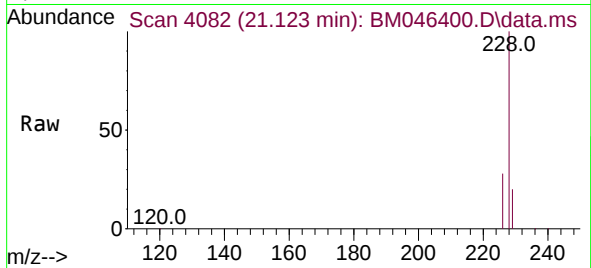
Tgt Ion:202 Resp: 1470448
Ion Ratio Lower Upper
202 100
101 9.1 8.2 12.4
100 7.4 6.9 10.3





#21
Benzo(a)anthracene
Concen: 11.947 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

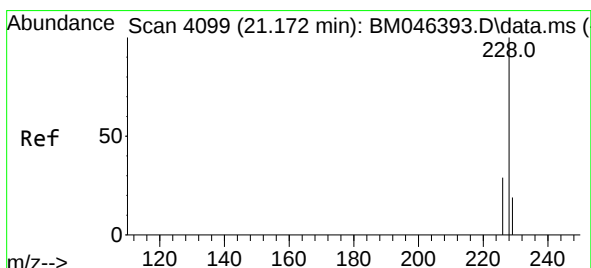
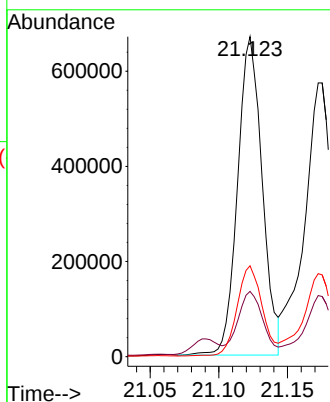
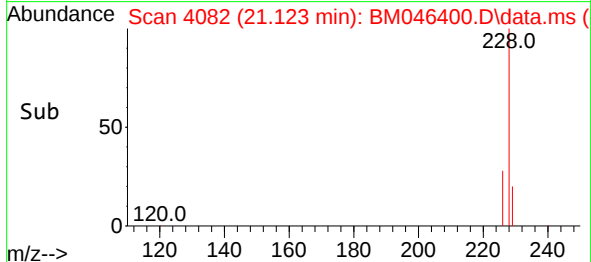
Instrument :
BNA_M
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A4B65



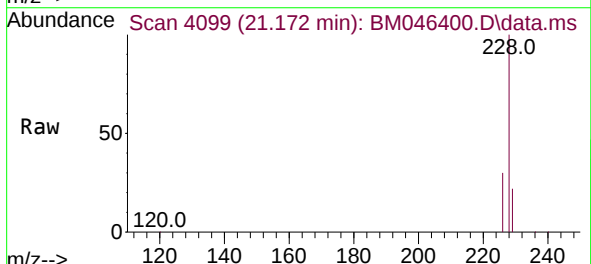
Tgt Ion:228 Resp: 834389
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.4 22.0 33.0

Manual Integrations
APPROVED

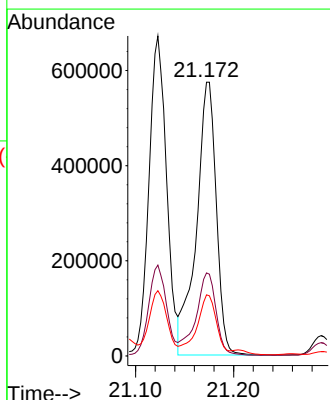
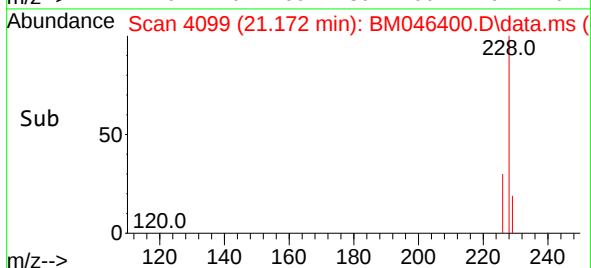
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

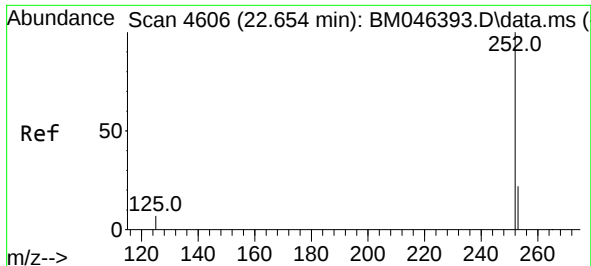


#22
Chrysene
Concen: 11.635 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59



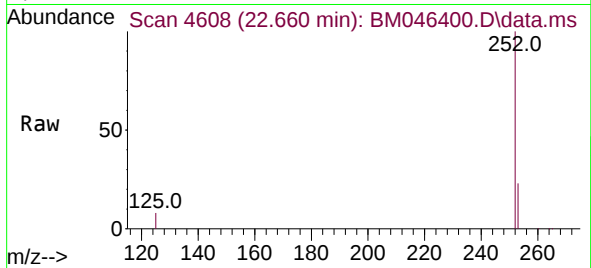
Tgt Ion:228 Resp: 807903
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.901 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

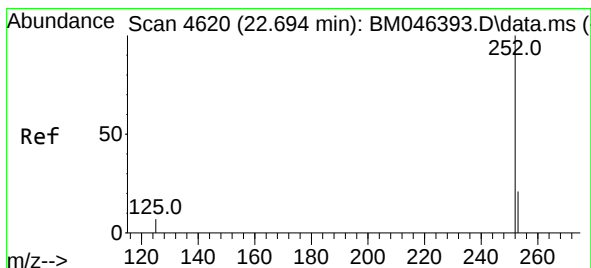
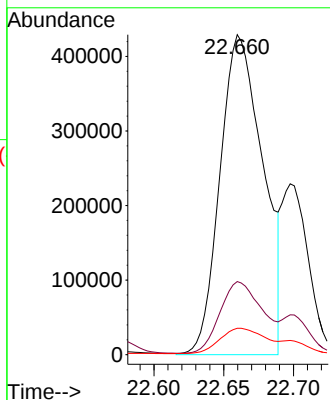
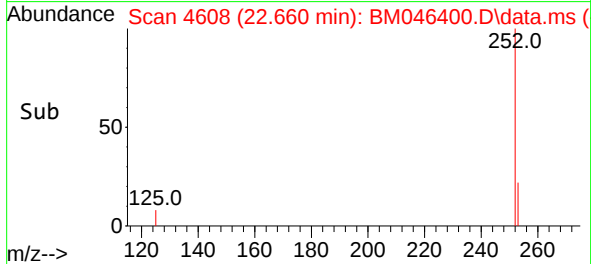
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:252 Resp: 92025
Ion Ratio Lower Upper
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253 22.8 0.0 47.0
125 8.2 0.0 18.4

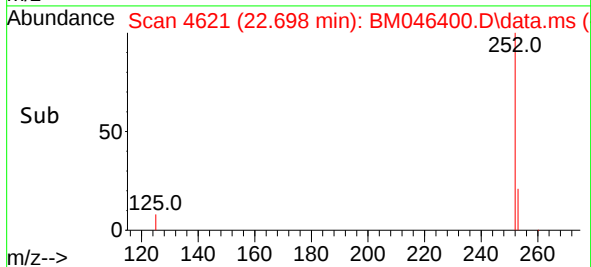
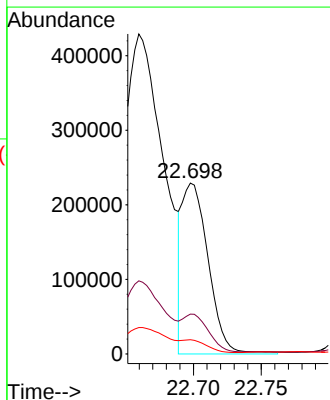
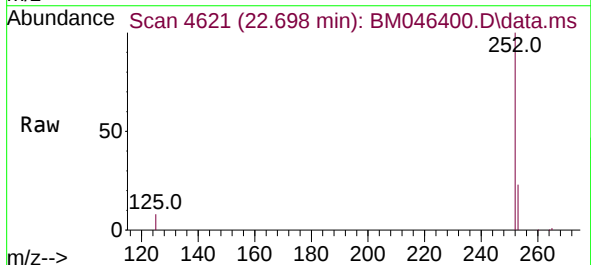
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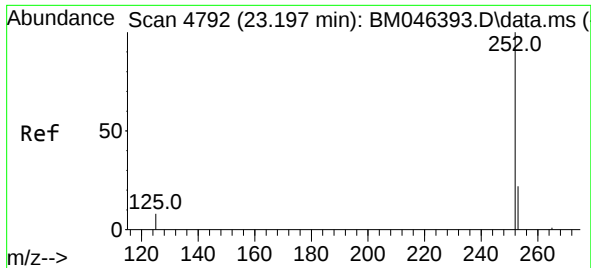
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 3.925 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

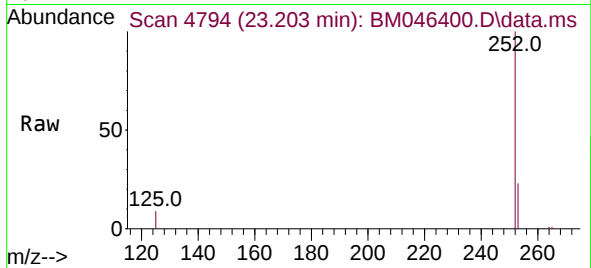
Tgt Ion:252 Resp: 306360
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 8.3 7.5 11.3





#26
Benzo(a)pyrene
Concen: 5.104 ng/ul
RT: 23.203 min Scan# 4794
Delta R.T. -0.006 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

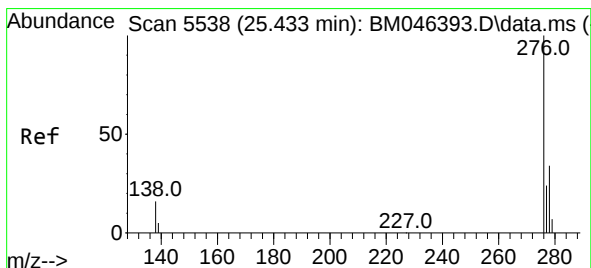
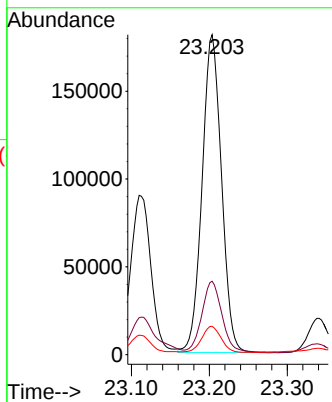
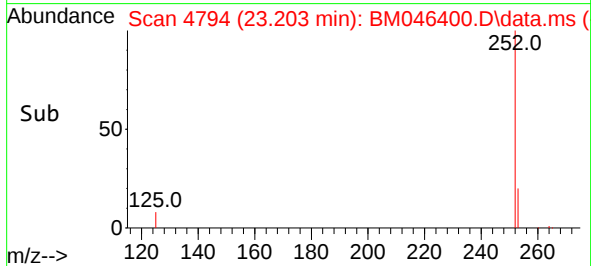
Instrument :
BNA_M
ClientSampleId :
A4B65



Tgt Ion:252 Resp: 311939
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 8.8 8.1 12.1

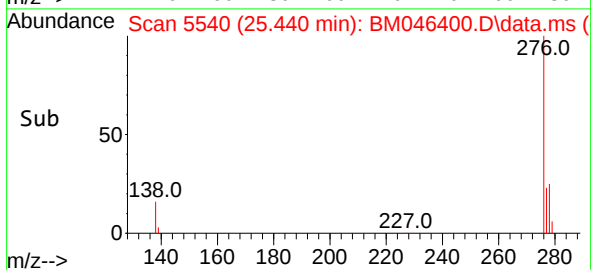
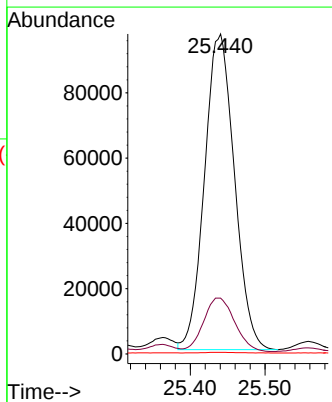
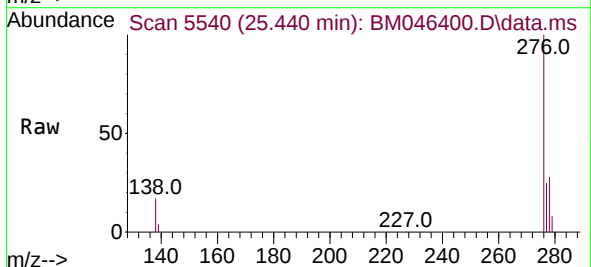
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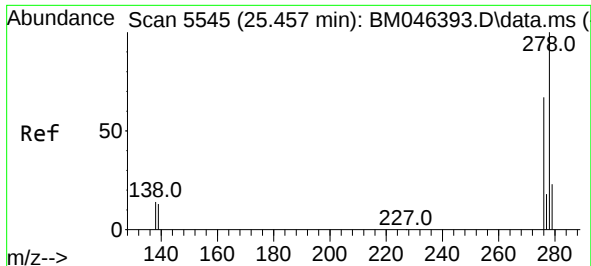
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.257 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

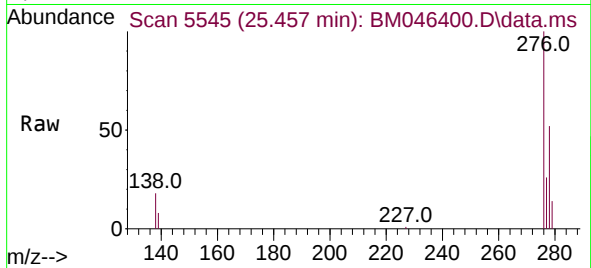
Tgt Ion:276 Resp: 268897
Ion Ratio Lower Upper
276 100
138 17.7 15.7 23.5
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.569 ng/ul
RT: 25.457 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59

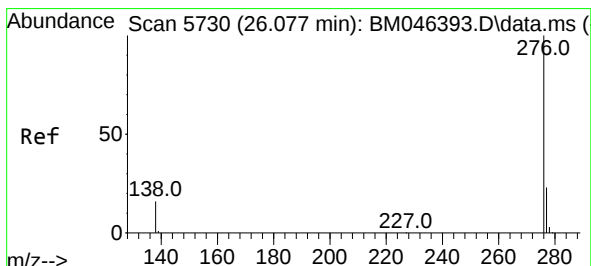
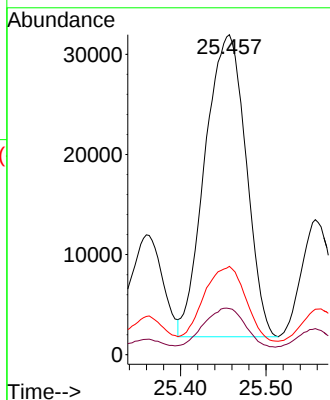
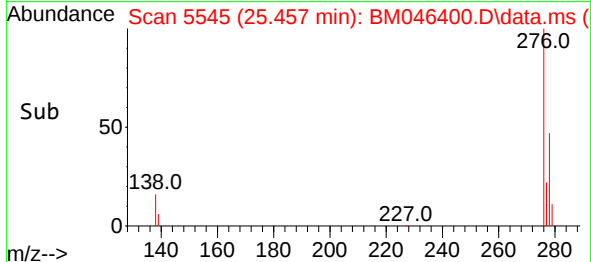
Instrument :
BNA_M
ClientSampleId :
A4B65



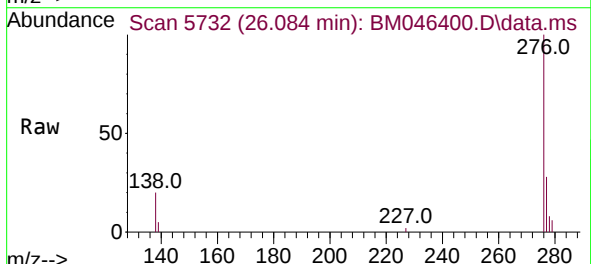
Tgt Ion:278 Resp: 10024
Ion Ratio Lower Upper
278 100
139 14.4 12.6 18.8
279 27.6 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.569 ng/ul
RT: 26.084 min Scan# 5732
Delta R.T. -0.007 min
Lab File: BM046400.D
Acq: 06 Jul 2024 02:59



Tgt Ion:276 Resp: 37431
Ion Ratio Lower Upper
276 100
138 20.0 15.4 23.0
277 28.1 19.7 29.5

