

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046450.D
 Acq On : 08 Jul 2024 23:45
 Operator : MA/JU
 Sample : P2982-11DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 01:00:04 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	7646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	21868	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	13622	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.925	188	25390	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.126	240	13740	0.400	ng/ul	-0.02
23) Perylene-d12	23.277	264	13839	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3970	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1674	0.052	ng/ul	-0.01
18) Fluoranthene-d10	18.959	212	2687	0.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.890	152	3141	0.045	ng/ul#	92
11) Acenaphthene	14.233	153	1427	0.032	ng/ul	94
12) Fluorene	15.232	166	1560	0.029	ng/ul#	91
15) Phenanthrene	16.967	178	26744	0.352	ng/ul	99
16) Anthracene	17.056	178	6300	0.085	ng/ul	95
19) Fluoranthene	18.992	202	38622	0.556	ng/ul#	96
20) Pyrene	19.354	202	40525	0.567	ng/ul#	93
21) Benzo(a)anthracene	21.111	228	15895	0.259	ng/ul	94
22) Chrysene	21.164	228	15906m	0.261	ng/ul	
24) Benzo(b)fluoranthene	22.642	252	17394m	0.296	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	5959m	0.100	ng/ul	
26) Benzo(a)pyrene	23.186	252	12749	0.274	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.410	276	8467	0.135	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.431	278	2049	0.042	ng/ul#	29
29) Benzo(g,h,i)perylene	26.061	276	8528	0.170	ng/ul#	94

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

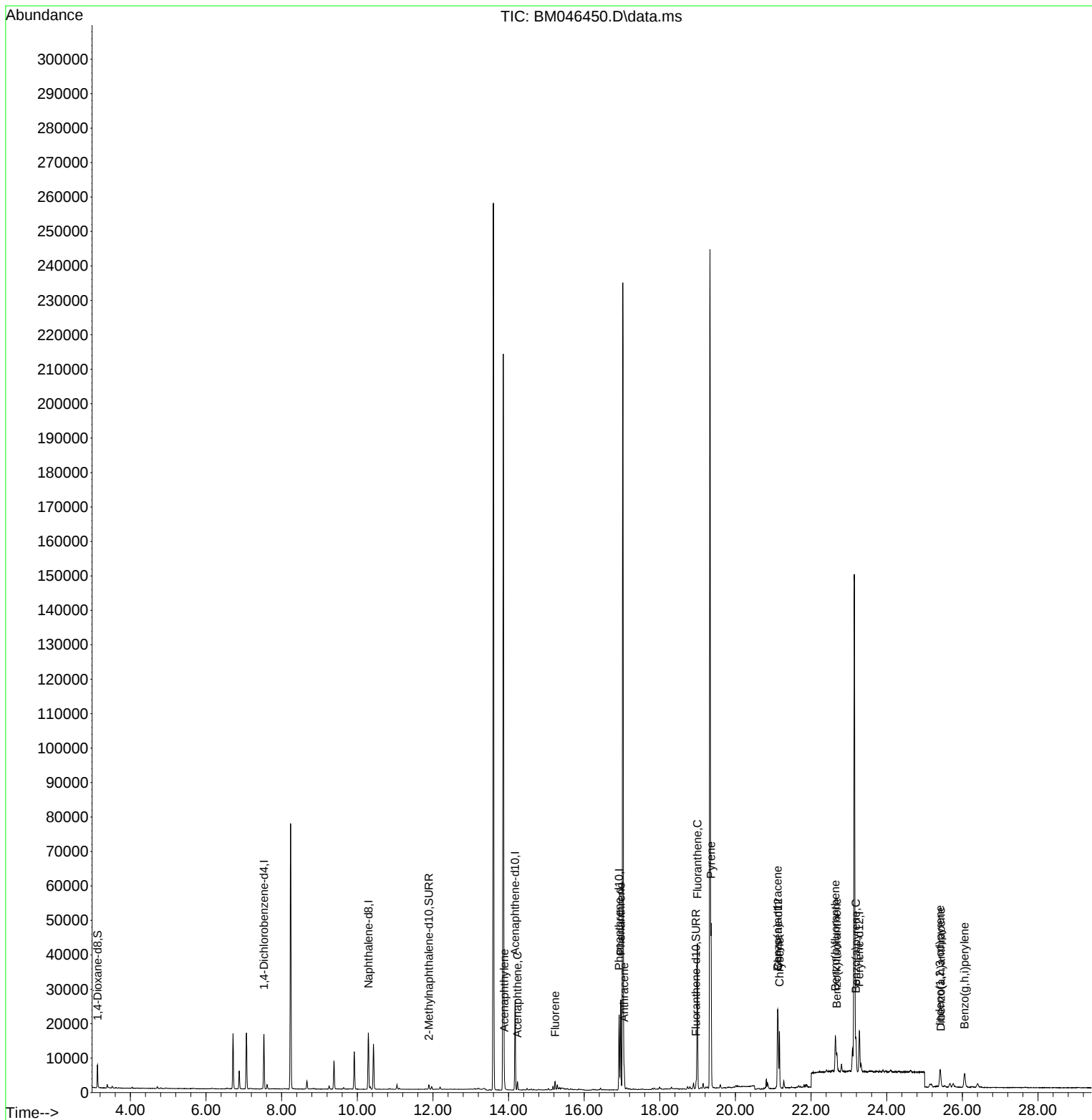
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046450.D
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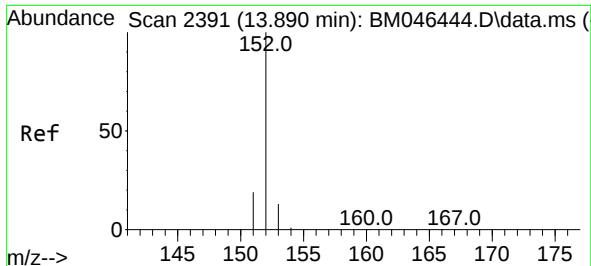
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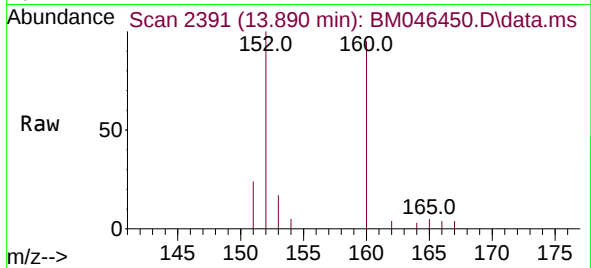
Quant Time: Jul 09 01:00:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
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#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 13.890 min Scan# 2391
Delta R.T. -0.009 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

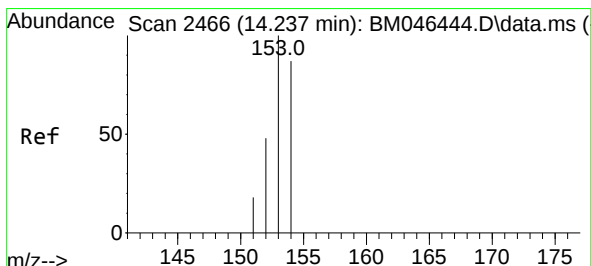
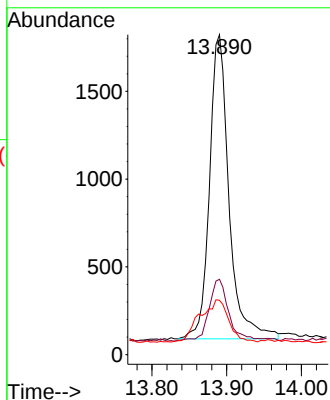
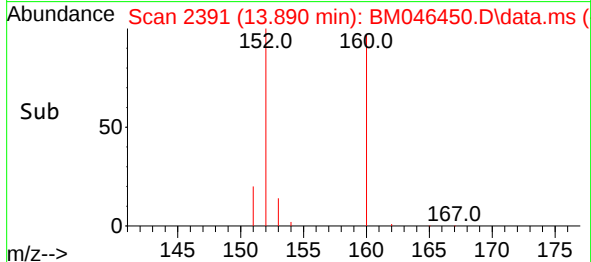
Instrument :
BNA_M
ClientSampleId :
A4CF7DL



Tgt Ion:152 Resp: 314
Ion Ratio Lower Upper
152 100
151 23.5 15.9 23.9
153 17.0 11.0 16.6

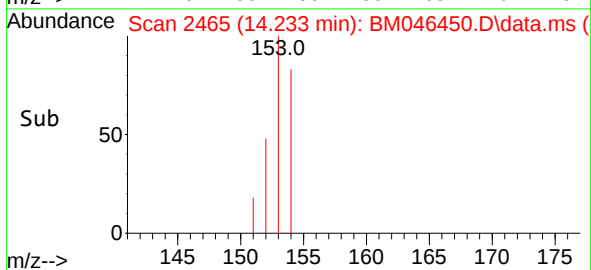
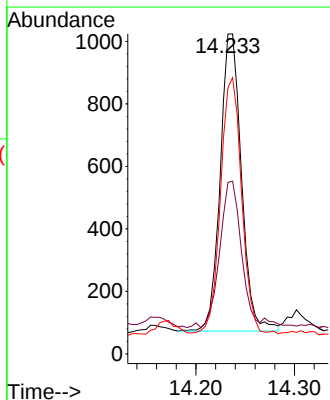
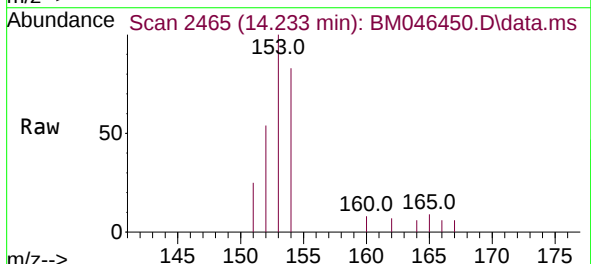
Manual Integrations
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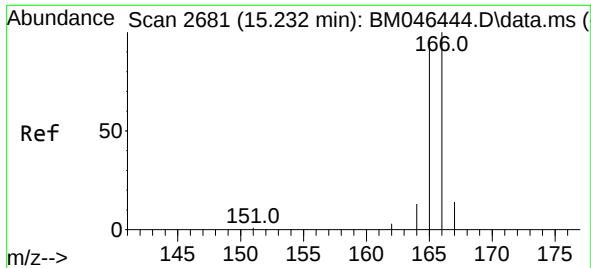
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.233 min Scan# 2465
Delta R.T. -0.014 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

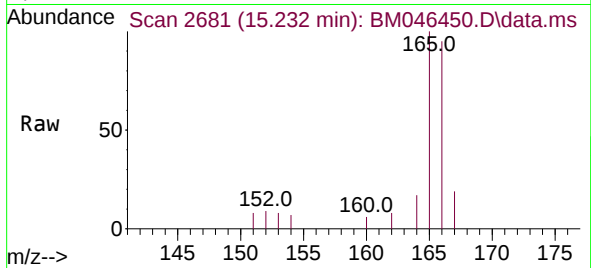
Tgt Ion:153 Resp: 1427
Ion Ratio Lower Upper
153 100
152 53.6 40.4 60.6
154 83.2 72.1 108.1





#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.232 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

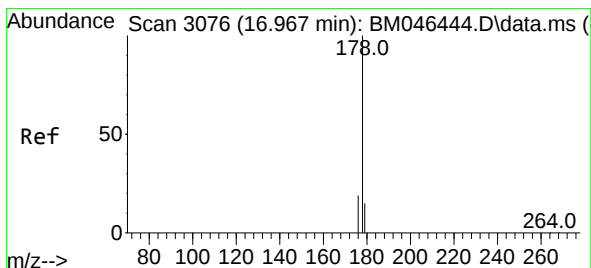
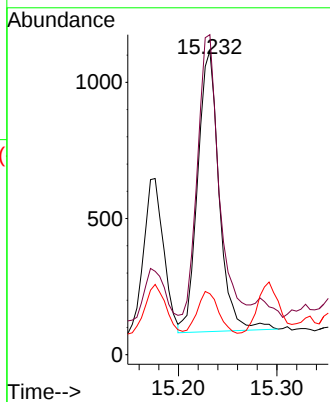
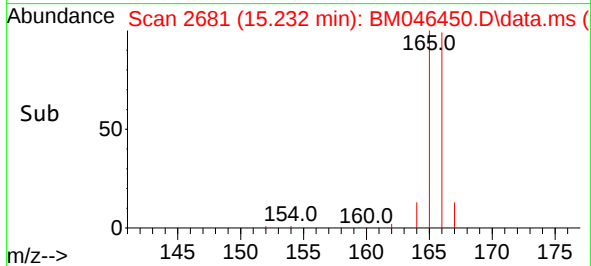
Instrument :
BNA_M
ClientSampleId :
A4CF7DL



Tgt Ion:166 Resp: 1560
Ion Ratio Lower Upper
166 100
165 105.3 78.0 117.0
167 20.1 11.4 17.0

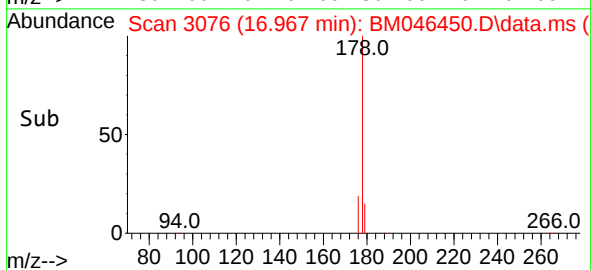
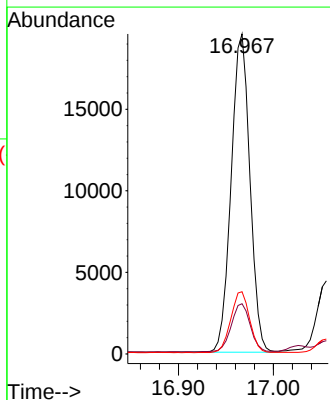
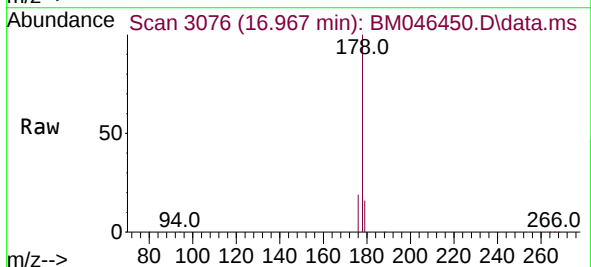
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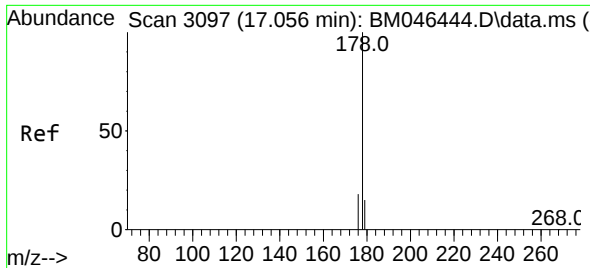
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 16.967 min Scan# 3076
Delta R.T. -0.008 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

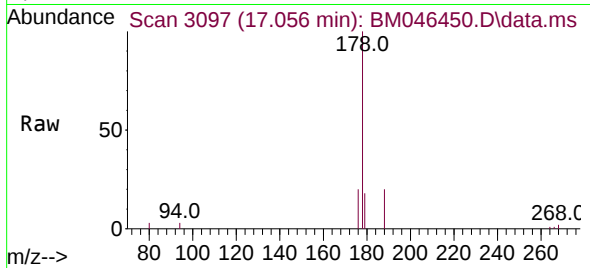
Tgt Ion:178 Resp: 26744
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.5 16.0 24.0





#16
 Anthracene
 Concen: 0.085 ng/ul
 RT: 17.056 min Scan# 3097
 Delta R.T. -0.012 min
 Lab File: BM046450.D
 Acq: 08 Jul 2024 23:45

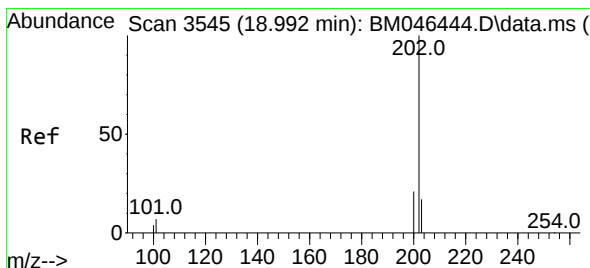
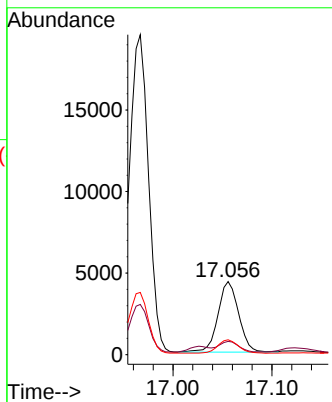
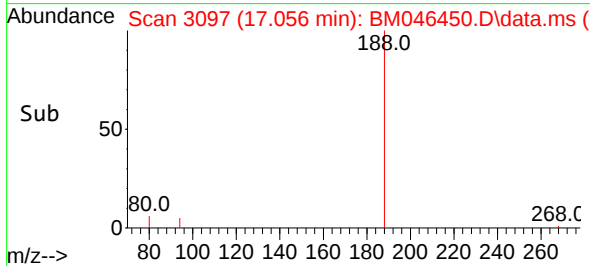
Instrument :
 BNA_M
 ClientSampleId :
 A4CF7DL



Tgt Ion:178 Resp: 6300
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.6 18.8
 176 20.4 14.9 22.3

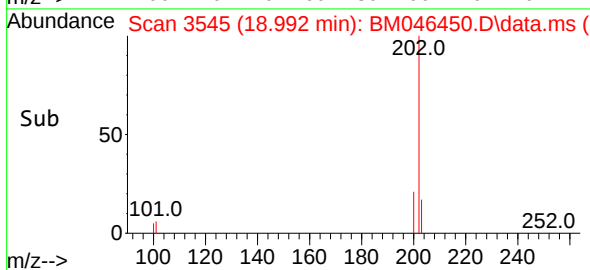
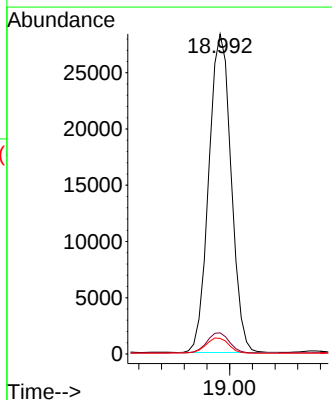
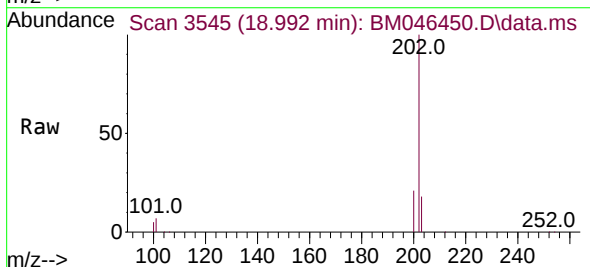
Manual Integrations
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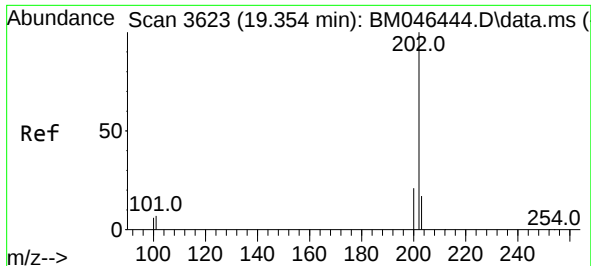
Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



#19
 Fluoranthene
 Concen: 0.556 ng/ul
 RT: 18.992 min Scan# 3545
 Delta R.T. -0.014 min
 Lab File: BM046450.D
 Acq: 08 Jul 2024 23:45

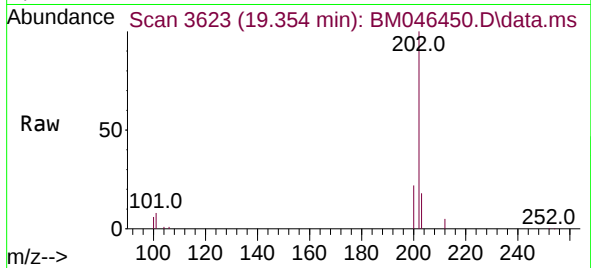
Tgt Ion:202 Resp: 38622
 Ion Ratio Lower Upper
 202 100
 101 6.6 6.3 9.5
 100 4.9 5.0 7.6#





#20
Pyrene
Concen: 0.567 ng/u1
RT: 19.354 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

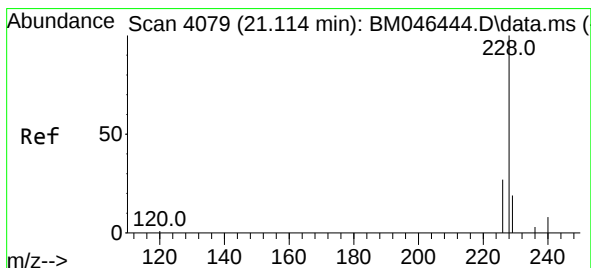
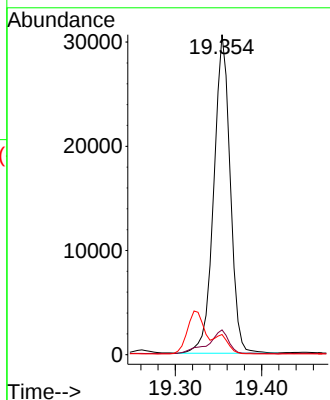
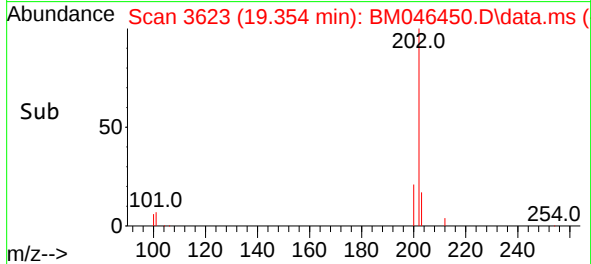
Instrument :
BNA_M
ClientSampleId :
A4CF7DL



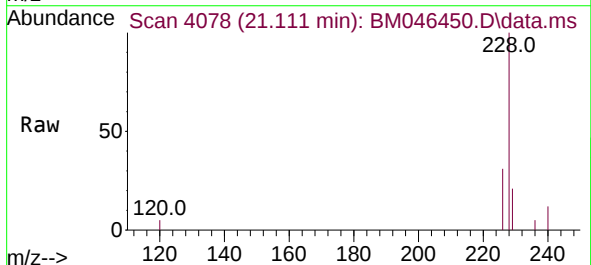
Tgt Ion:202 Resp: 4052
Ion Ratio Lower Upper
202 100
101 7.8 8.2 12.4
100 6.3 6.9 10.3

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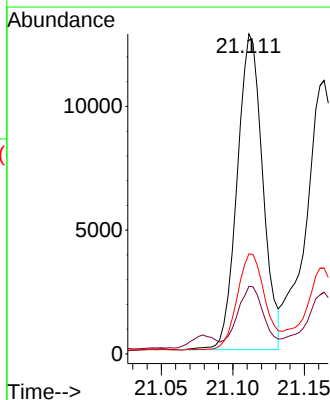
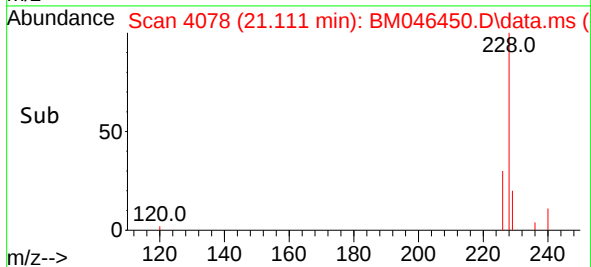
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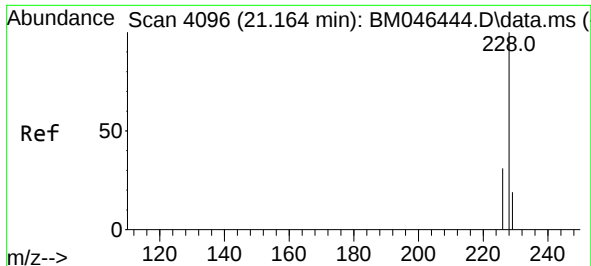


#21
Benzo(a)anthracene
Concen: 0.259 ng/u1
RT: 21.111 min Scan# 4078
Delta R.T. -0.014 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45



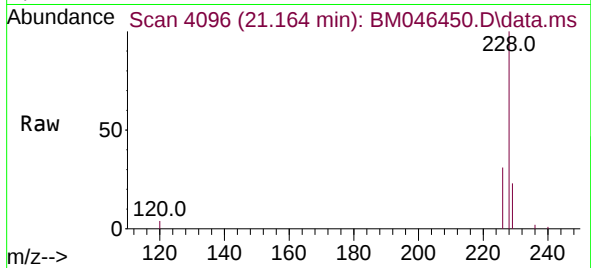
Tgt Ion:228 Resp: 15895
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 31.3 22.0 33.0





#22
Chrysene
Concen: 0.261 ng/ul m
RT: 21.164 min Scan# 4096
Delta R.T. -0.014 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

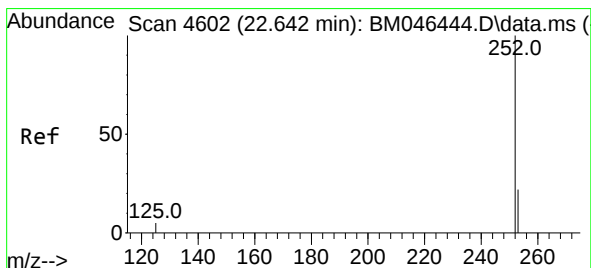
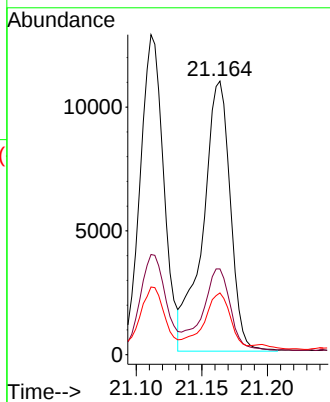
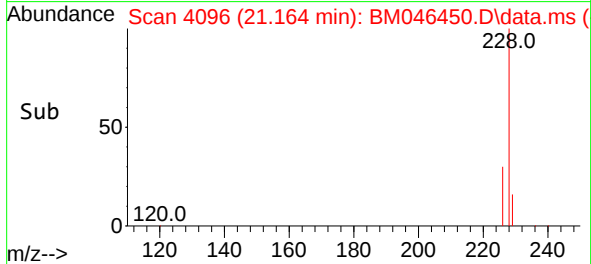
Instrument :
BNA_M
ClientSampleId :
A4CF7DL



Tgt Ion:228 Resp: 15900
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 22.6 15.8 23.6

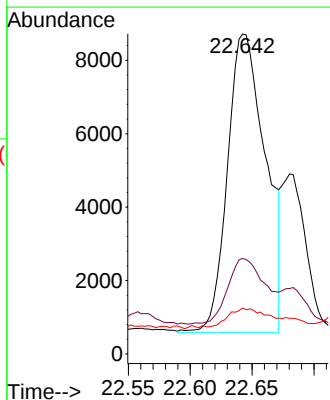
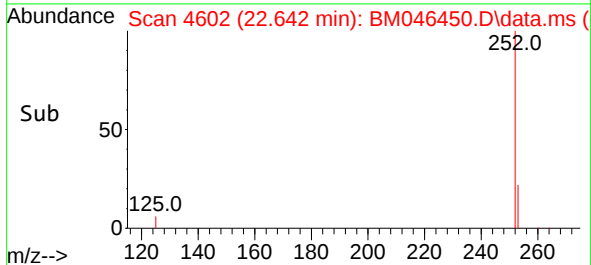
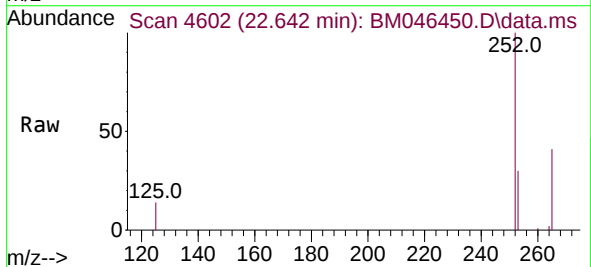
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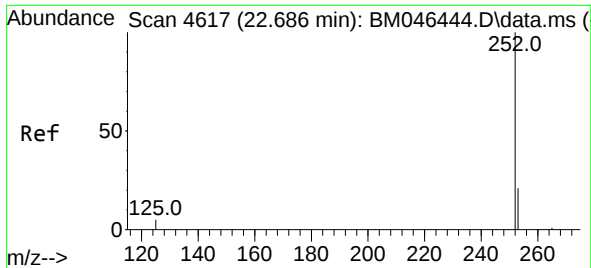
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#24
Benzo(b)fluoranthene
Concen: 0.296 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.020 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

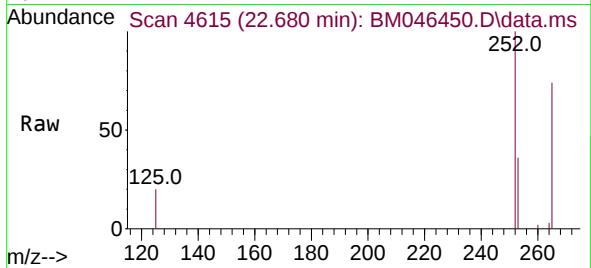
Tgt Ion:252 Resp: 17394
Ion Ratio Lower Upper
252 100
253 29.9 0.0 47.0
125 14.3 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.680 min Scan# 4617
Delta R.T. -0.026 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

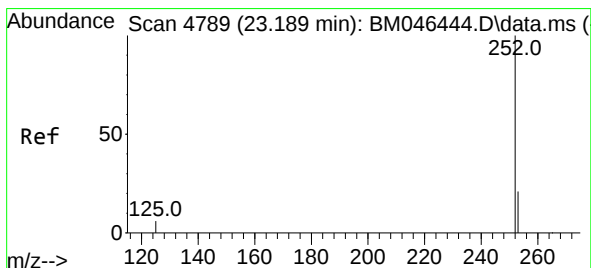
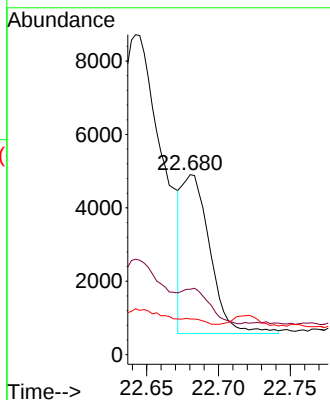
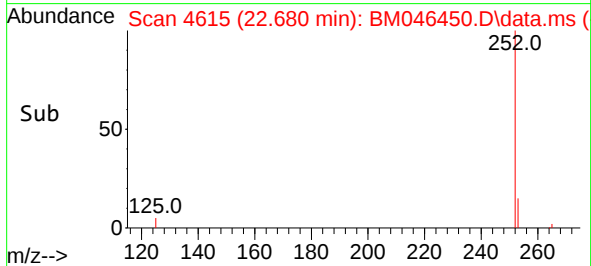
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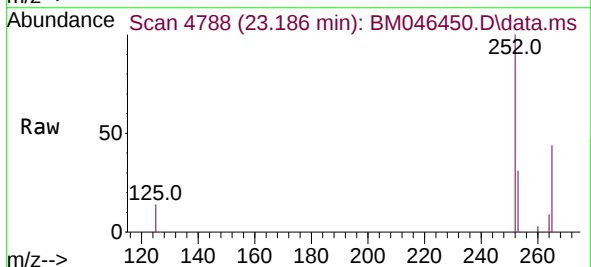
Tgt Ion:252 Resp: 5958
Ion Ratio Lower Upper
252 100
253 36.4 18.4 27.6#
125 19.8 7.5 11.3#

Manual Integrations
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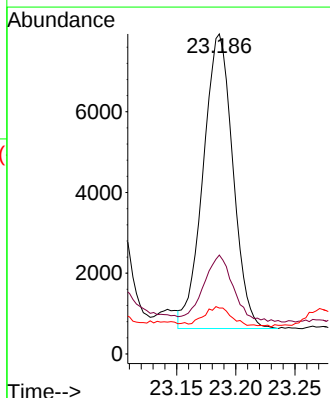
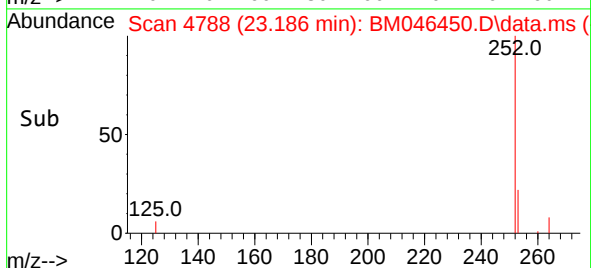
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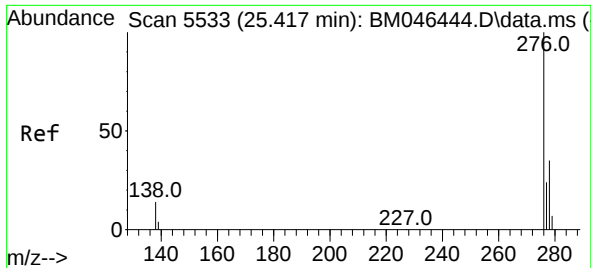


#26
Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.186 min Scan# 4788
Delta R.T. -0.023 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45



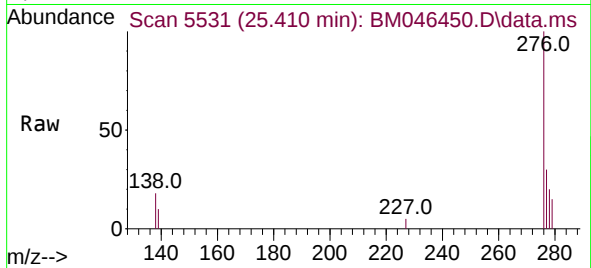
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Ion Ratio Lower Upper
252 100
253 30.9 18.9 28.3#
125 14.3 8.1 12.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.037 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

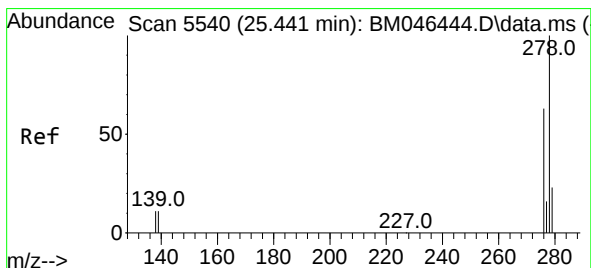
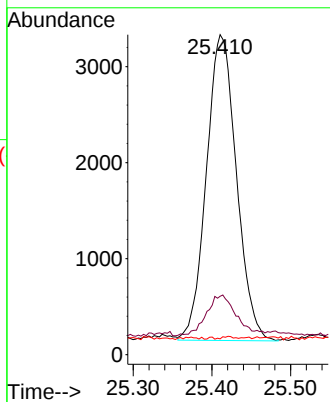
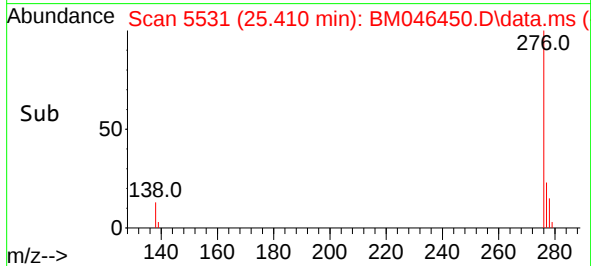
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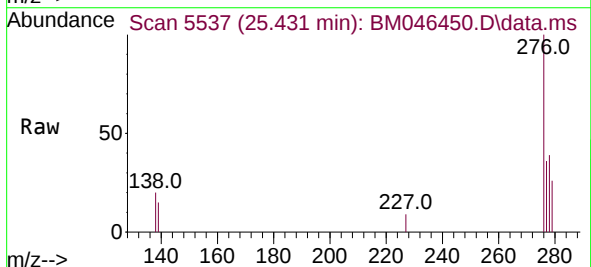
Tgt Ion:276 Resp: 846
Ion Ratio Lower Upper
276 100
138 15.1 15.7 23.5#
227 0.3 0.1 0.1#

Manual Integrations
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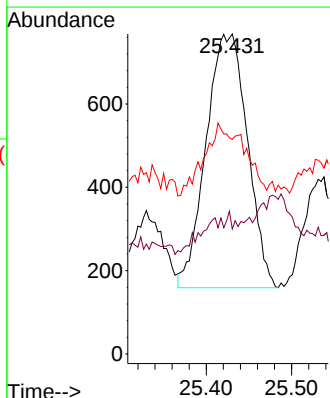
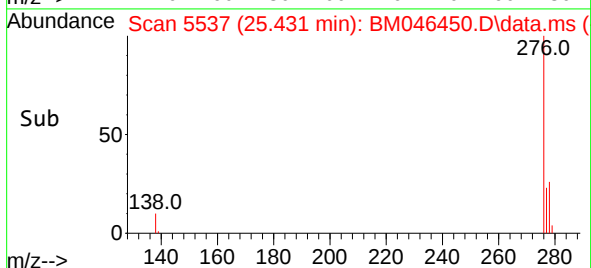
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

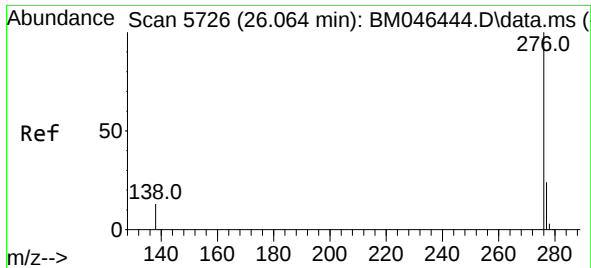


#28
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 25.431 min Scan# 5537
Delta R.T. -0.043 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45



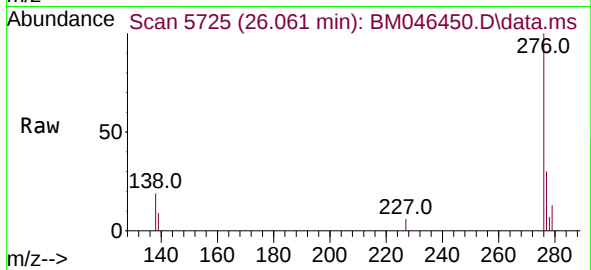
Tgt Ion:278 Resp: 2049
Ion Ratio Lower Upper
278 100
139 39.1 12.6 18.8#
279 67.1 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 26.061 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM046450.D
Acq: 08 Jul 2024 23:45

Instrument :
BNA_M
ClientSampleId :
A4CF7DL



Tgt Ion: 276 Resp: 8528
Ion Ratio Lower Upper
276 100
138 19.0 15.4 23.0
277 30.0 19.7 29.5

Manual Integrations
APPROVED

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