

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046455.D
 Acq On : 09 Jul 2024 02:47
 Operator : MA/JU
 Sample : P2982-25DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CT8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 03:48:58 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	6198	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	16705	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	10491	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.920	188	21081	0.400	ng/ul	-0.02
17) Chrysene-d12	21.126	240	13676	0.400	ng/ul	-0.02
23) Perylene-d12	23.277	264	14237	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3102	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1230	0.050	ng/ul	-0.01
18) Fluoranthene-d10	18.959	212	2468	0.052	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.341	128	1362	0.031	ng/ul#	85
7) 2-Methylnaphthalene	11.969	142	640	0.021	ng/ul	98
10) Acenaphthylene	13.890	152	3551	0.067	ng/ul	94
12) Fluorene	15.227	166	1045	0.026	ng/ul#	93
15) Phenanthrene	16.963	178	27111	0.429	ng/ul	99
16) Anthracene	17.055	178	5077	0.083	ng/ul	95
19) Fluoranthene	18.987	202	71555	1.035	ng/ul#	96
20) Pyrene	19.354	202	51222	0.720	ng/ul#	91
21) Benzo(a)anthracene	21.108	228	26683	0.437	ng/ul	95
22) Chrysene	21.161	228	35649	0.587	ng/ul	98
24) Benzo(b)fluoranthene	22.639	252	48976m	0.809	ng/ul	
25) Benzo(k)fluoranthene	22.677	252	16189m	0.265	ng/ul	
26) Benzo(a)pyrene	23.183	252	16008	0.335	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.410	276	17767	0.275	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.424	278	5540	0.111	ng/ul#	70
29) Benzo(g,h,i)perylene	26.058	276	2878	0.056	ng/ul#	68

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

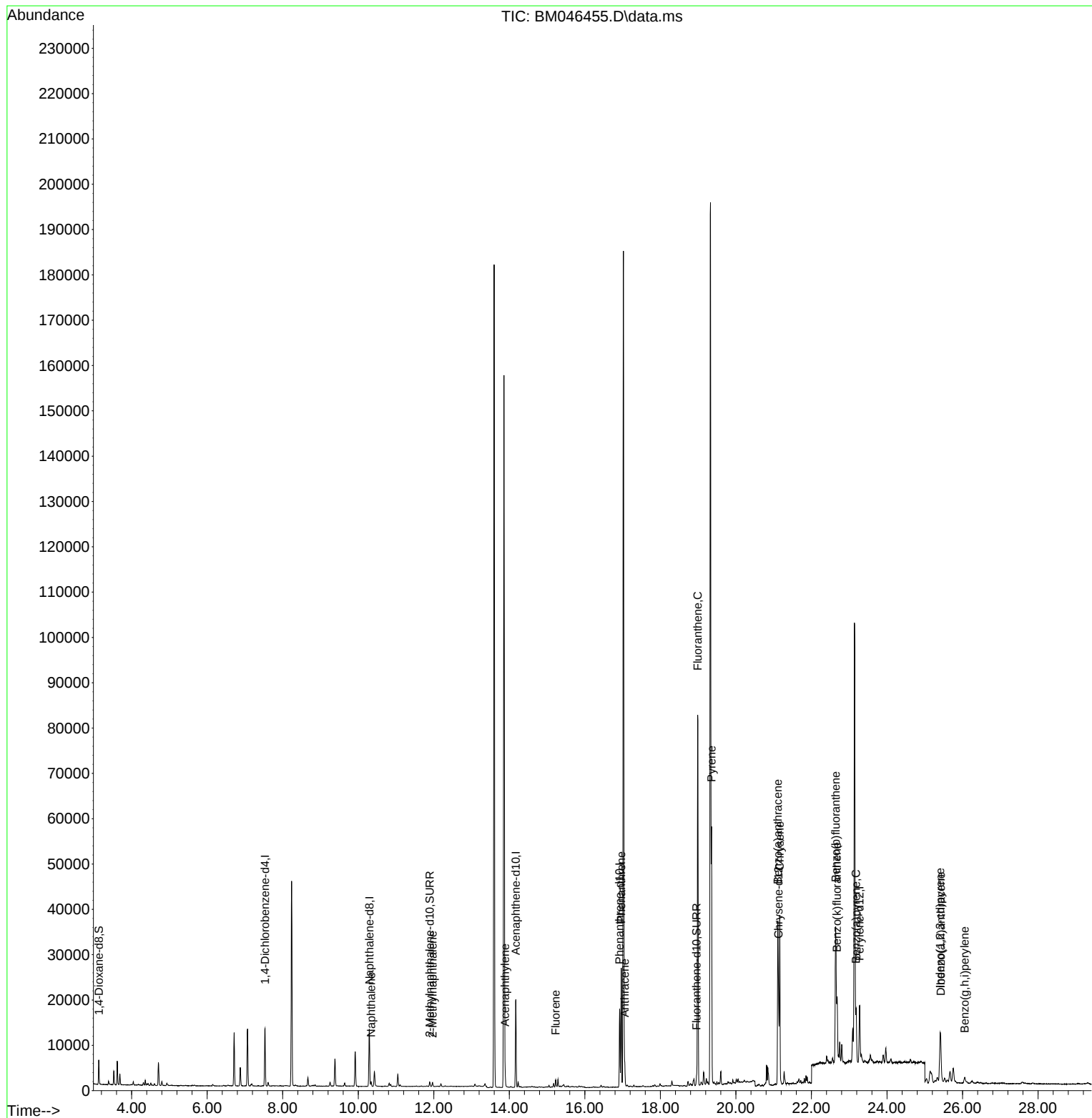
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046455.D
Acq On : 09 Jul 2024 02:47
Operator : MA/JU
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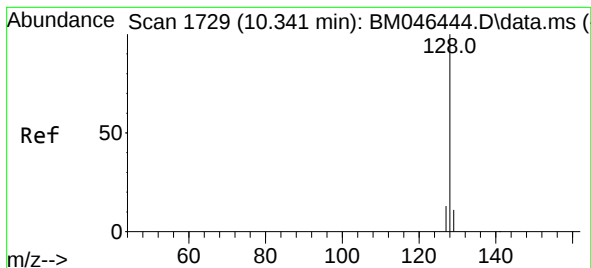
Instrument :
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Quant Time: Jul 09 03:48:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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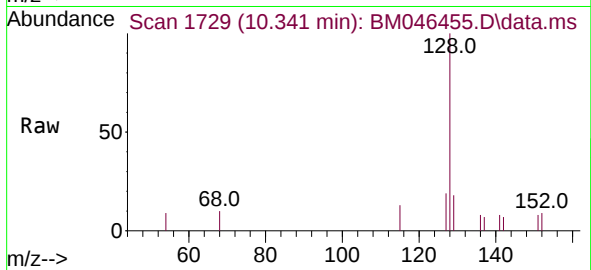
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

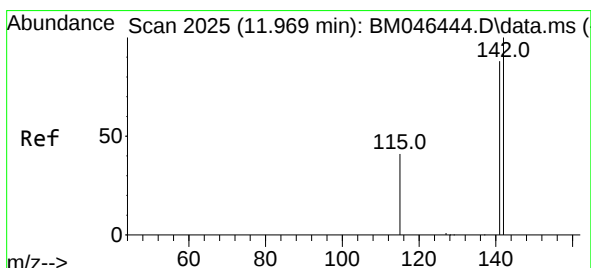
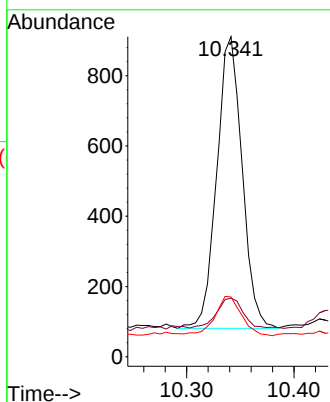
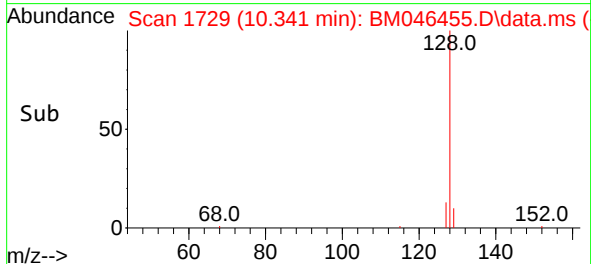
Instrument :
BNA_M
ClientSampleId :
A4CT8DL



Tgt Ion:128 Resp: 1362
Ion Ratio Lower Upper
128 100
129 18.3 9.4 14.0
127 18.7 10.8 16.2

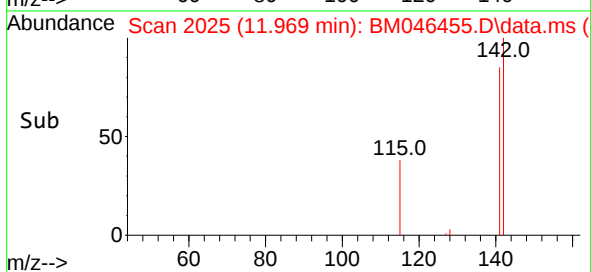
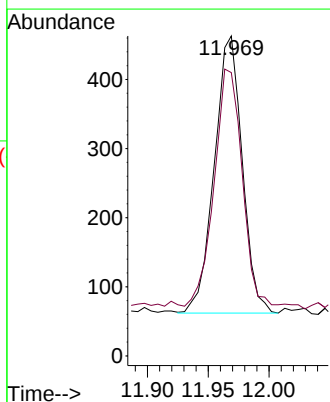
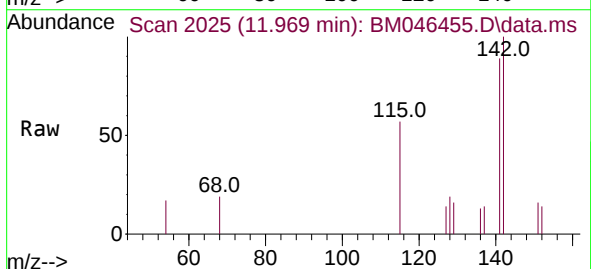
Manual Integrations
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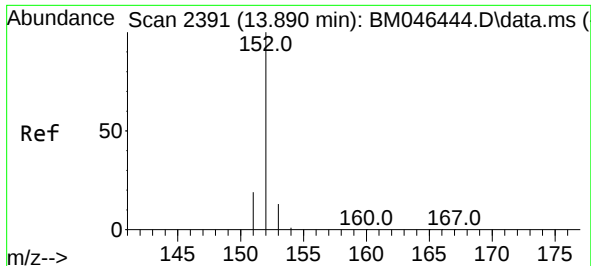
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.969 min Scan# 2025
Delta R.T. -0.011 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

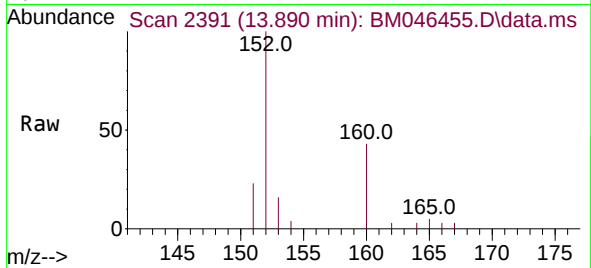
Tgt Ion:142 Resp: 640
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.6





#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.890 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

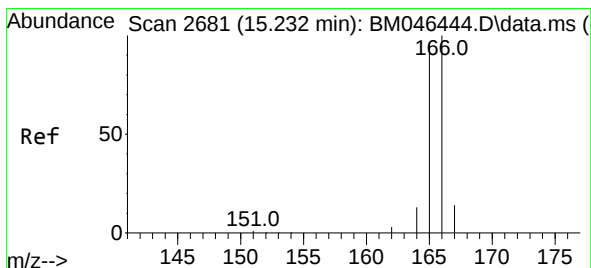
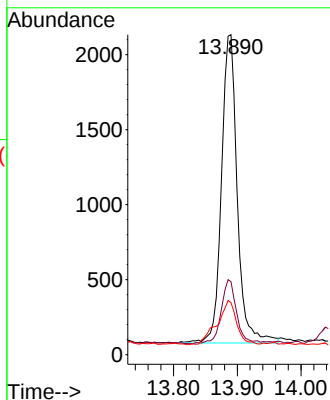
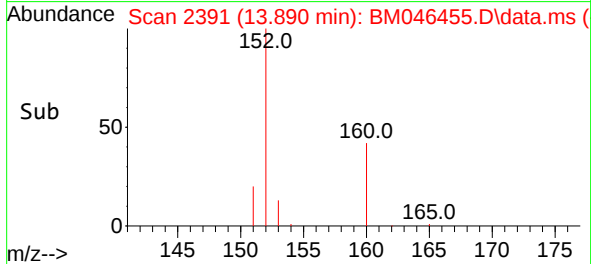
Instrument :
BNA_M
ClientSampleId :
A4CT8DL



Tgt Ion:152 Resp: 355
Ion Ratio Lower Upper
152 100
151 22.8 15.9 23.9
153 16.3 11.0 16.6

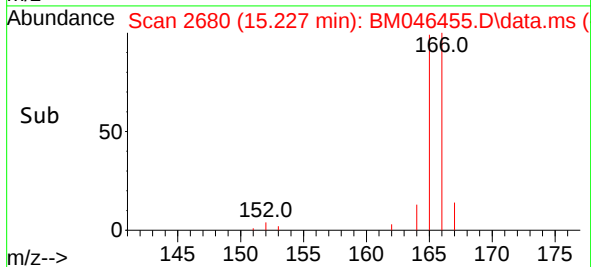
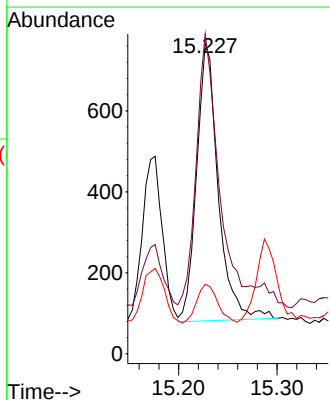
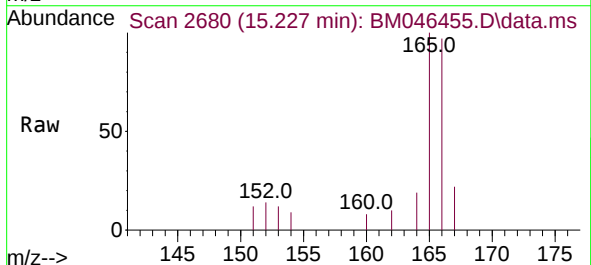
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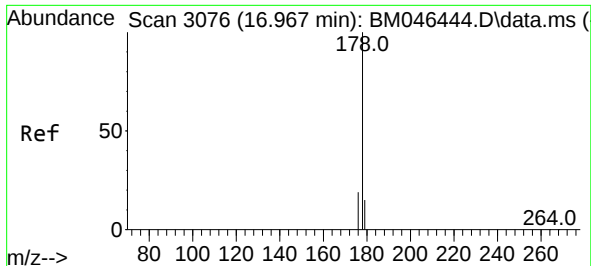
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.227 min Scan# 2680
Delta R.T. -0.014 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

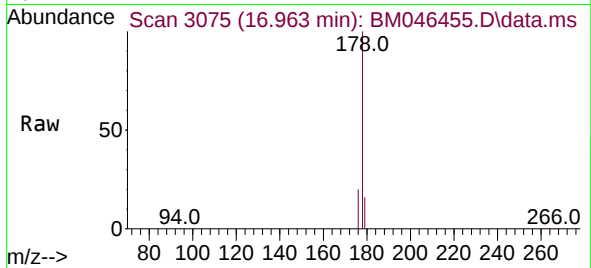
Tgt Ion:166 Resp: 1045
Ion Ratio Lower Upper
166 100
165 103.0 78.0 117.0
167 22.4 11.4 17.0#





#15
Phenanthrene
Concen: 0.429 ng/u1
RT: 16.963 min Scan# 3075
Delta R.T. -0.013 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

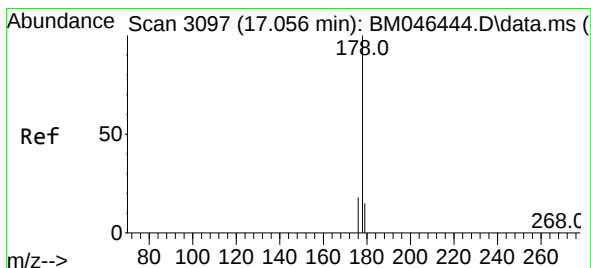
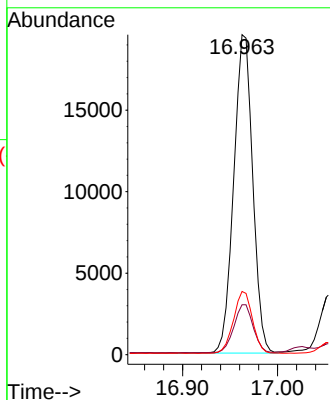
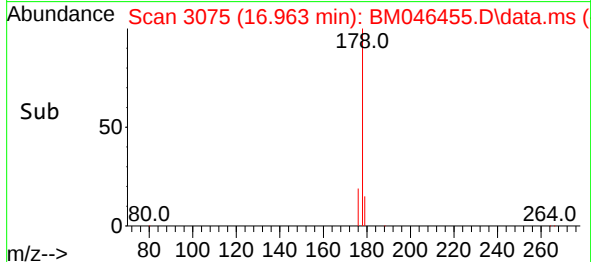
Instrument :
BNA_M
ClientSampleId :
A4CT8DL



Tgt Ion:178 Resp: 2711
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.7 16.0 24.0

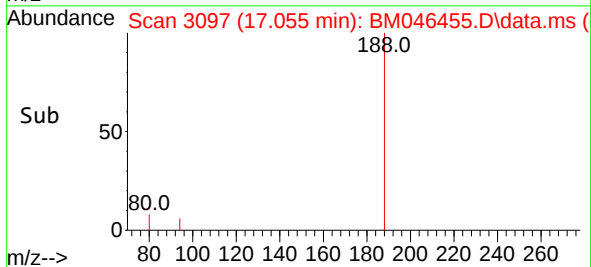
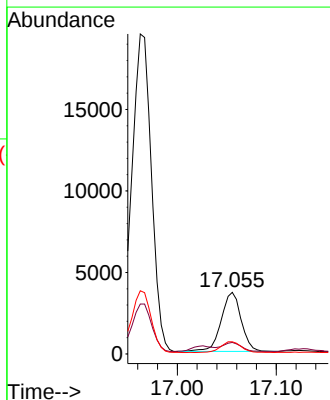
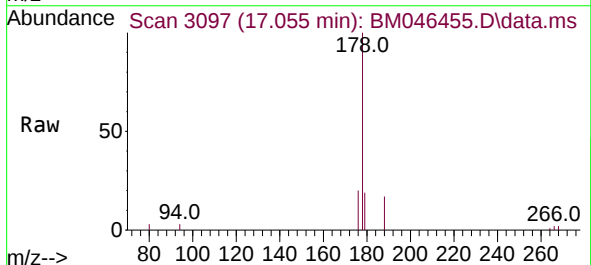
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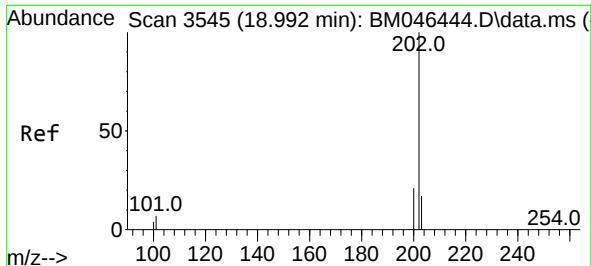
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16
Anthracene
Concen: 0.083 ng/u1
RT: 17.055 min Scan# 3097
Delta R.T. -0.013 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

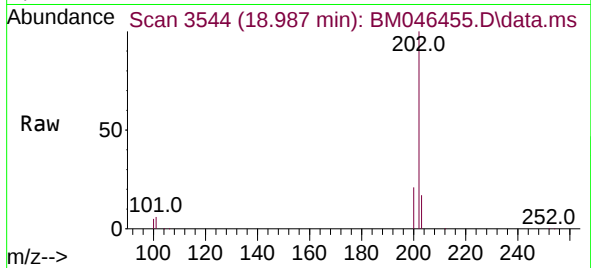
Tgt Ion:178 Resp: 5077
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 19.8 14.9 22.3





#19
Fluoranthene
Concen: 1.035 ng/ul
RT: 18.987 min Scan# 3544
Delta R.T. -0.018 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

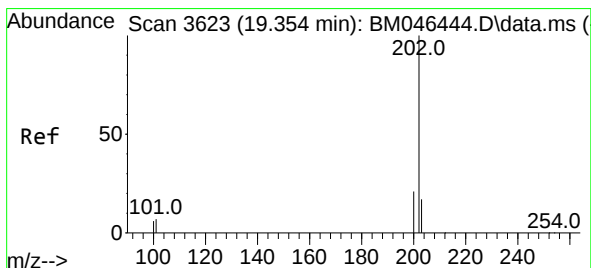
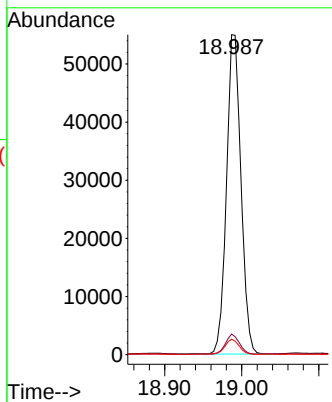
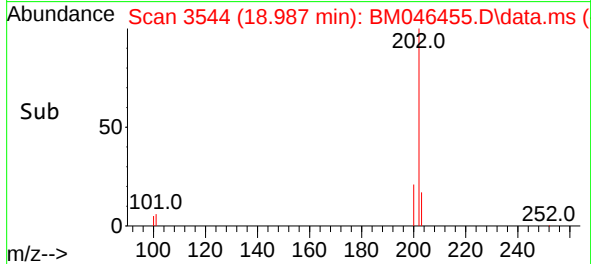
Instrument :
BNA_M
ClientSampleId :
A4CT8DL



Tgt Ion:202 Resp: 7155
Ion Ratio Lower Upper
202 100
101 6.5 6.3 9.5
100 4.9 5.0 7.6

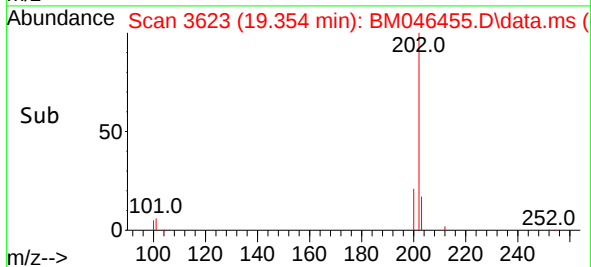
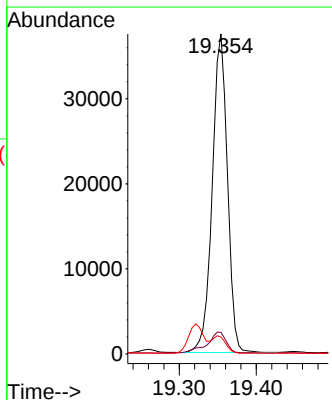
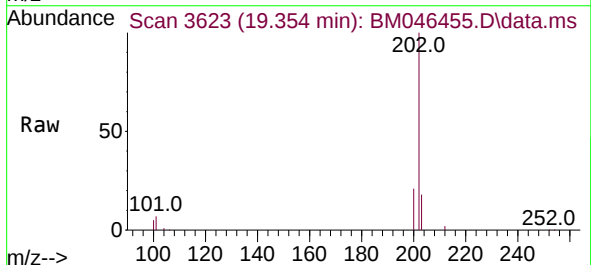
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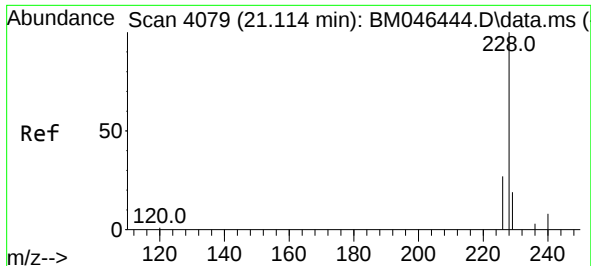
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 0.720 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

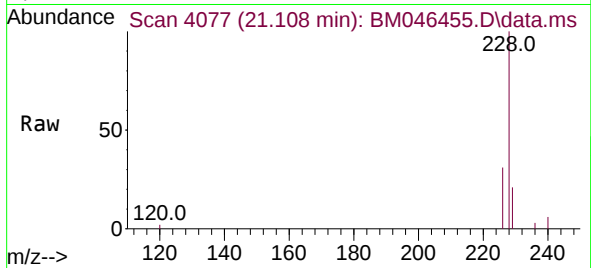
Tgt Ion:202 Resp: 51222
Ion Ratio Lower Upper
202 100
101 6.7 8.2 12.4#
100 5.3 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. -0.017 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

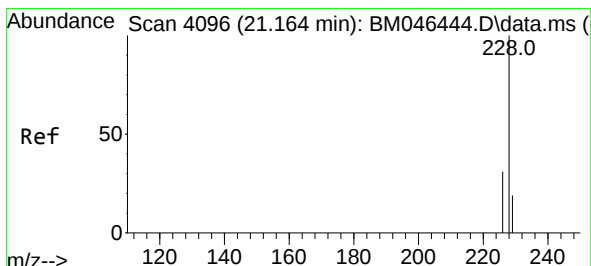
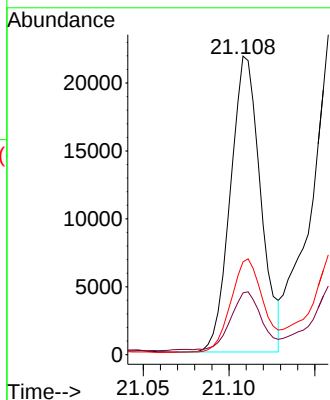
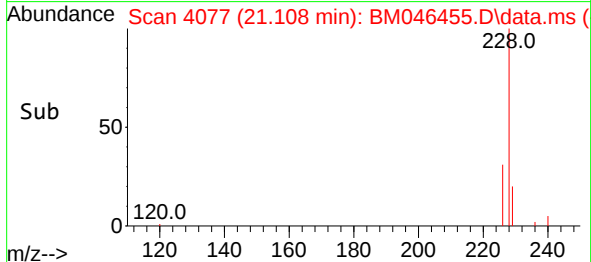
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ClientSampleId :
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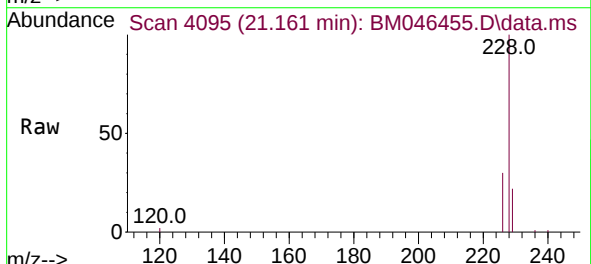
Tgt Ion:228 Resp: 2668
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 31.1 22.0 33.0

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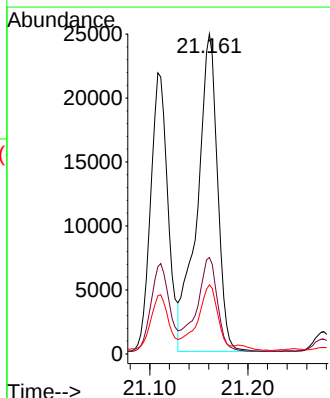
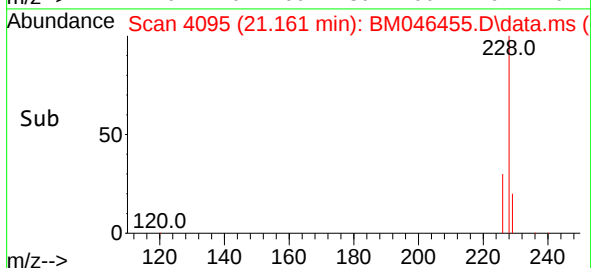
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

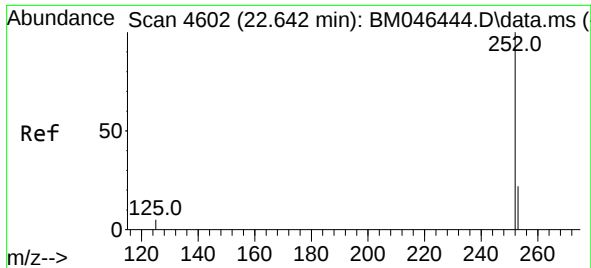


#22
Chrysene
Concen: 0.587 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47



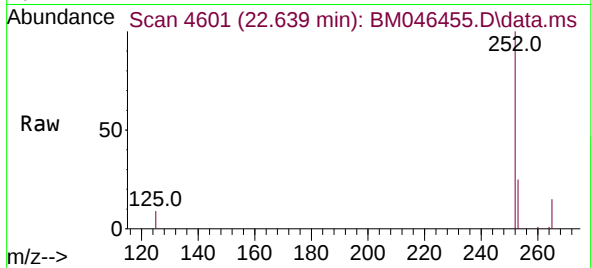
Tgt Ion:228 Resp: 35649
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.809 ng/ul m
RT: 22.639 min Scan# 4601
Delta R.T. -0.023 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

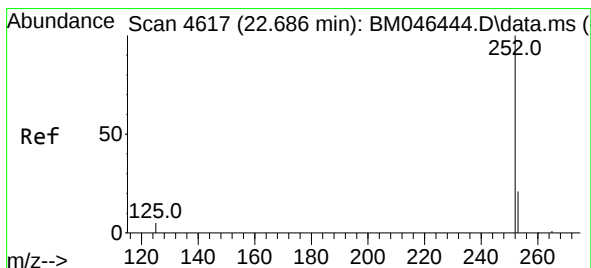
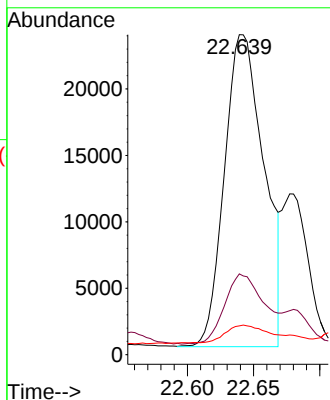
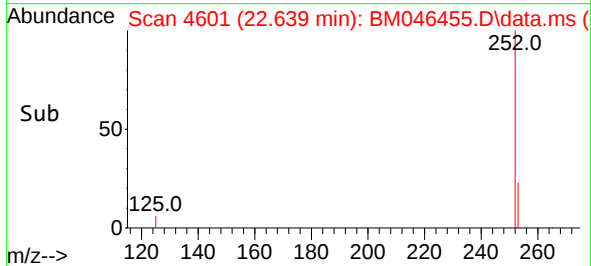
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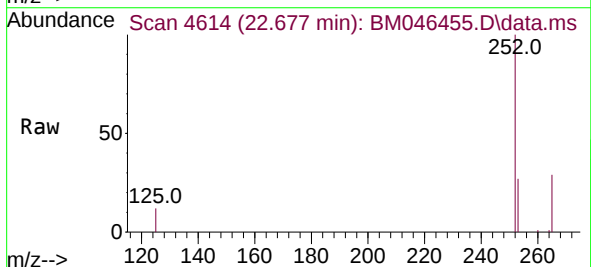
Tgt Ion:252 Resp: 48970
Ion Ratio Lower Upper
252 100
253 25.2 0.0 47.0
125 9.0 0.0 18.4

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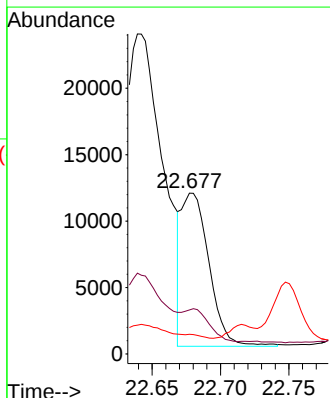
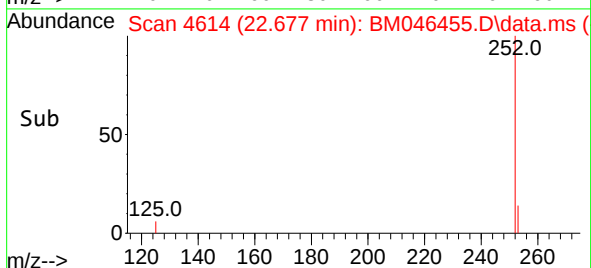
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

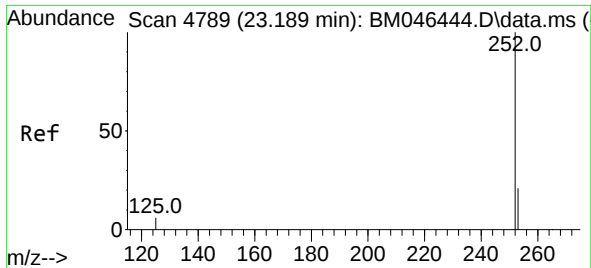


#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul m
RT: 22.677 min Scan# 4614
Delta R.T. -0.029 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47



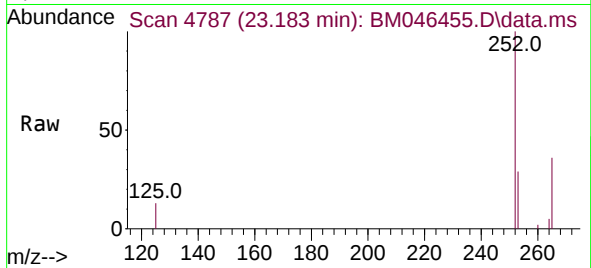
Tgt Ion:252 Resp: 16189
Ion Ratio Lower Upper
252 100
253 27.3 18.4 27.6
125 12.2 7.5 11.3#





#26
Benzo(a)pyrene
Concen: 0.335 ng/ul
RT: 23.183 min Scan# 4787
Delta R.T. -0.026 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

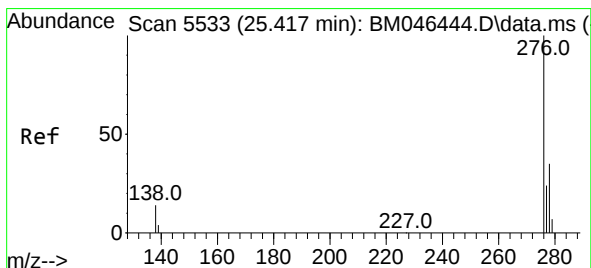
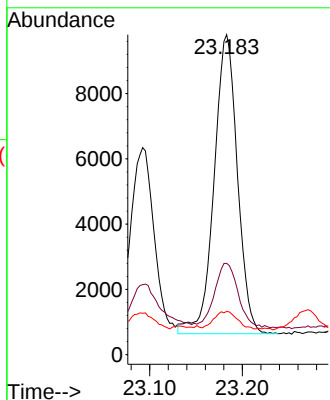
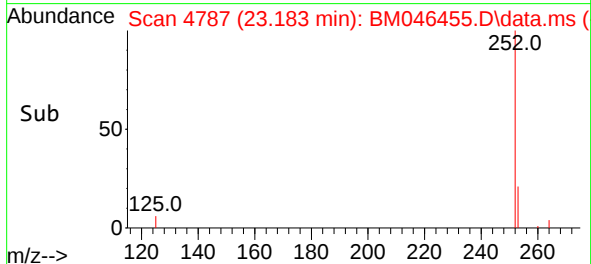
Instrument :
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A4CT8DL



Tgt Ion:252 Resp: 16008
Ion Ratio Lower Upper
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125 13.5 8.1 12.1#

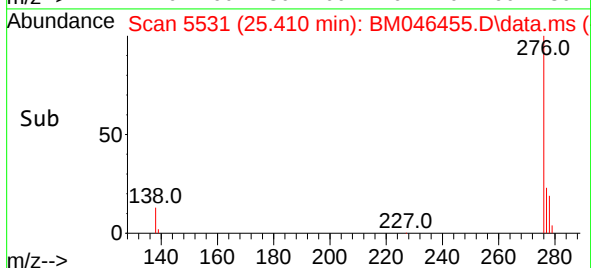
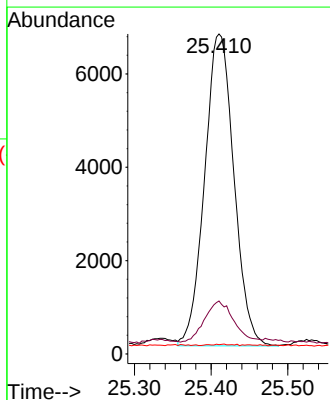
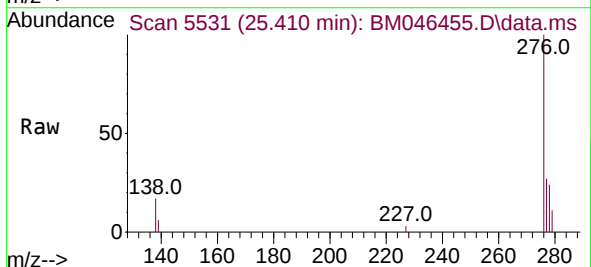
Manual Integrations
APPROVED

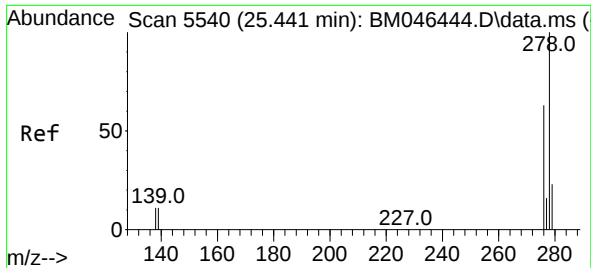
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.275 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.037 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

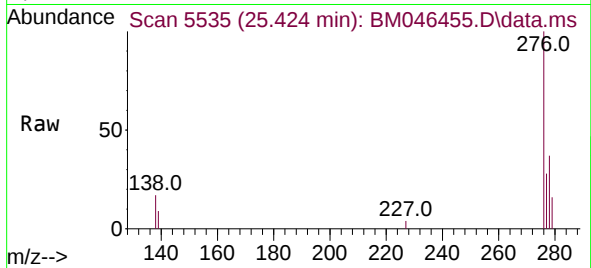
Tgt Ion:276 Resp: 17767
Ion Ratio Lower Upper
276 100
138 13.0 15.7 23.5#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.424 min Scan# 5540
Delta R.T. -0.050 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47

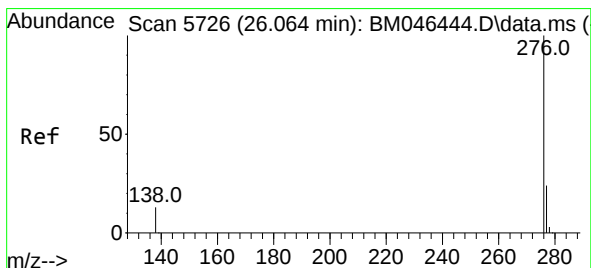
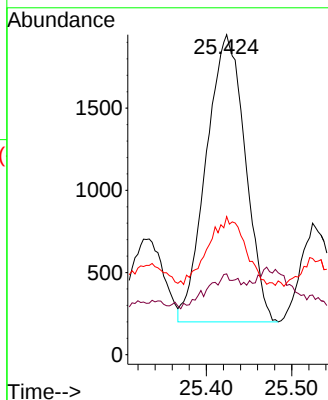
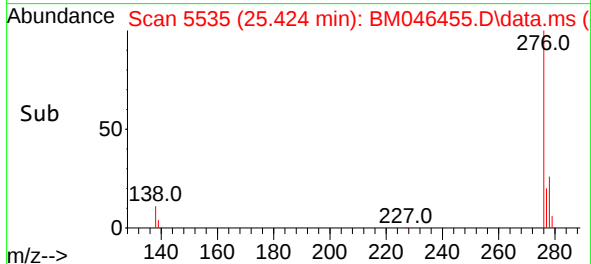
Instrument :
BNA_M
ClientSampleId :
A4CT8DL



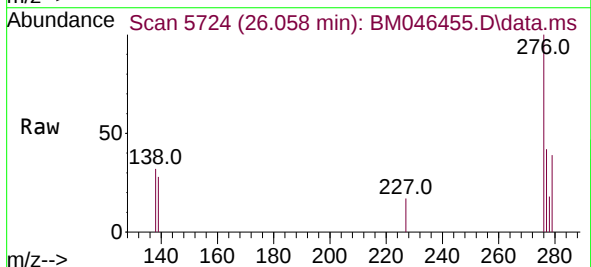
Tgt Ion:278 Resp: 5540
Ion Ratio Lower Upper
278 100
139 25.3 12.6 18.8#
279 43.1 20.7 31.1#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.056 ng/ul
RT: 26.058 min Scan# 5724
Delta R.T. -0.033 min
Lab File: BM046455.D
Acq: 09 Jul 2024 02:47



Tgt Ion:276 Resp: 2878
Ion Ratio Lower Upper
276 100
138 31.7 15.4 23.0#
277 42.5 19.7 29.5#

