

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046230.D
 Acq On : 23 Jun 2024 12:00
 Operator : MA/JU
 Sample : P2776-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B93

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:30:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2780	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.171	136	8689	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.057	164	4765	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.802	188	10083m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.006	240	8059m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	8930m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12392	3.249	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.799	152	2793	0.239	ng/ul	-0.07
18) Fluoranthene-d10	18.833	212	5969	0.247	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.220	128	767	0.032	ng/ul#	67
10) Acenaphthylene	13.770	152	1929	0.085	ng/ul#	87
11) Acenaphthene	14.117	153	1009	0.062	ng/ul	94
12) Fluorene	15.111	166	1384	0.079	ng/ul#	97
15) Phenanthrene	16.840	178	31130m	1.099	ng/ul	
16) Anthracene	16.933	178	5211m	0.247	ng/ul	
19) Fluoranthene	18.866	202	92153	2.641	ng/ul	96
20) Pyrene	19.228	202	72698	1.926	ng/ul	96
21) Benzo(a)anthracene	20.988	228	37297	1.198	ng/ul	99
22) Chrysene	21.041	228	37088	0.934	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	54571m	1.696	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	22214m	0.581	ng/ul	
26) Benzo(a)pyrene	23.002	252	34811	1.168	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.139	276	29356	0.602	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.142	278	6394	0.176	ng/ul#	80
29) Benzo(g,h,i)perylene	25.762	276	29277	0.700	ng/ul	97

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

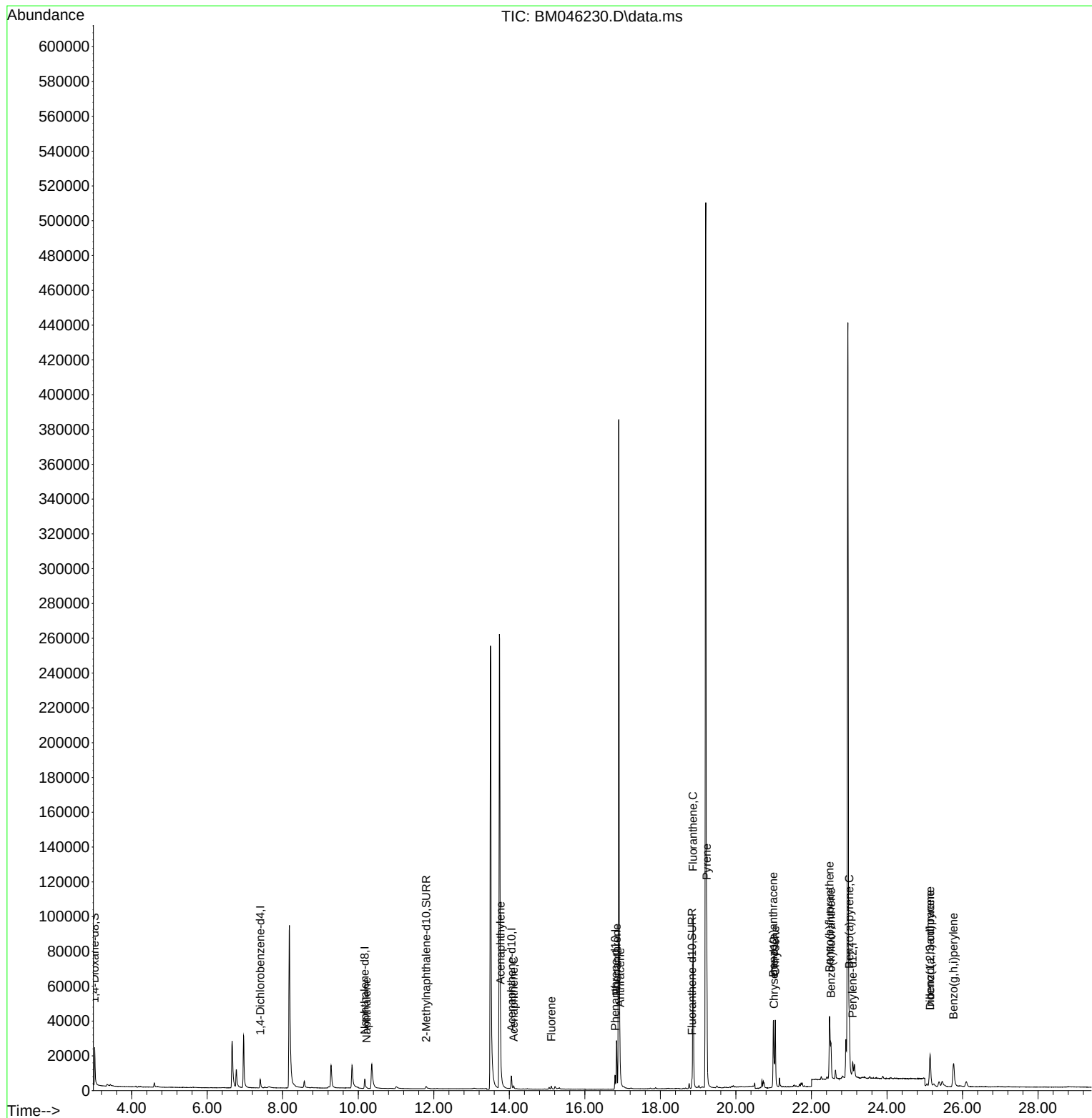
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046230.D
Acq On : 23 Jun 2024 12:00
Operator : MA/JU
Sample : P2776-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

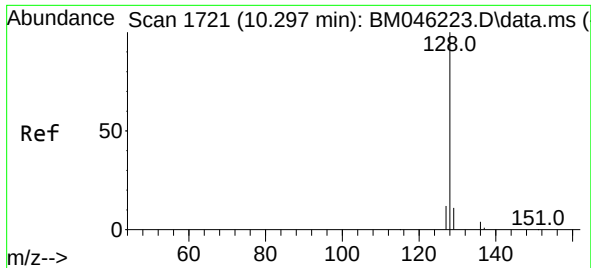
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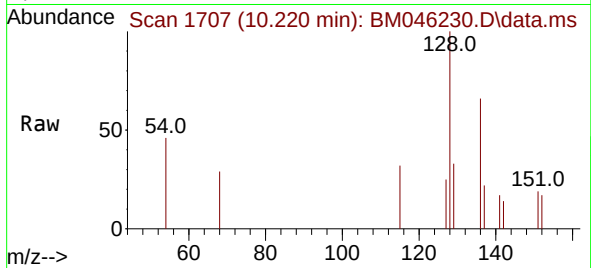
Quant Time: Jun 24 02:30:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.220 min Scan# 1707
Delta R.T. -0.083 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

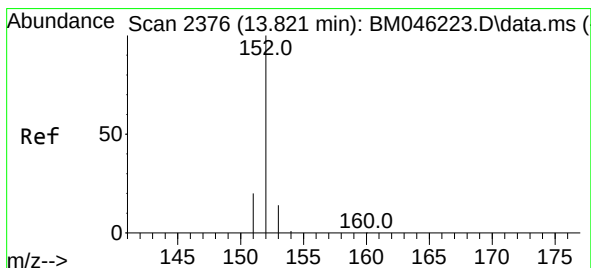
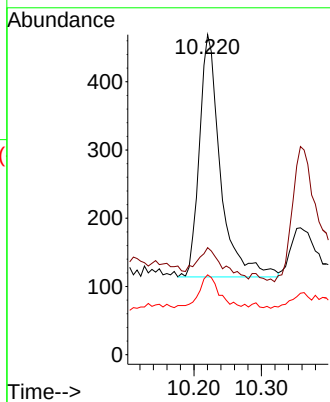
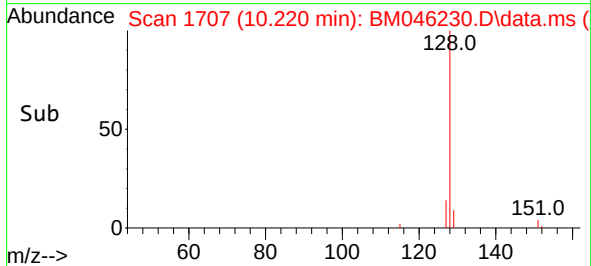
Instrument :
BNA_M
ClientSampleId :
A4B93



Tgt Ion	Ratio	Lower	Upper
128	100		
129	33.5	11.8	17.6
127	24.9	12.8	19.2

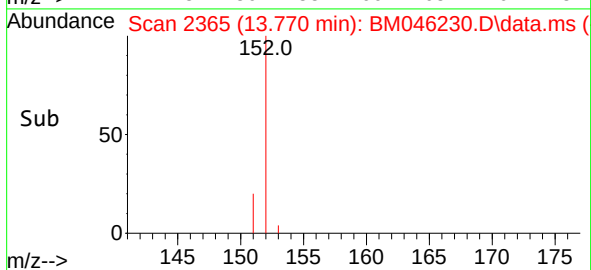
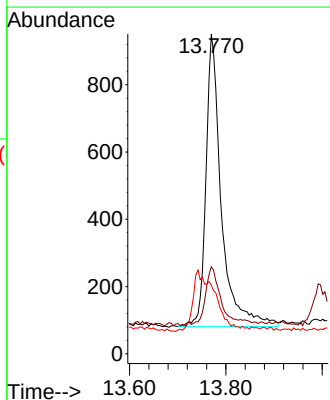
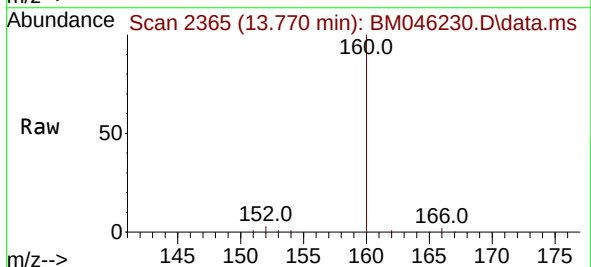
Manual Integrations
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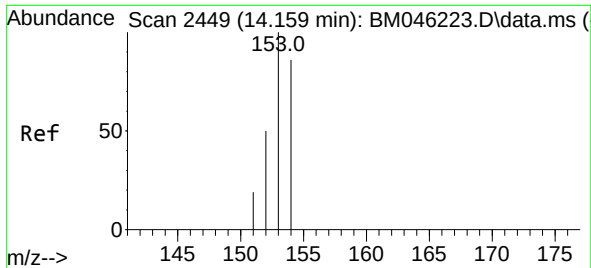
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.770 min Scan# 2365
Delta R.T. -0.065 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

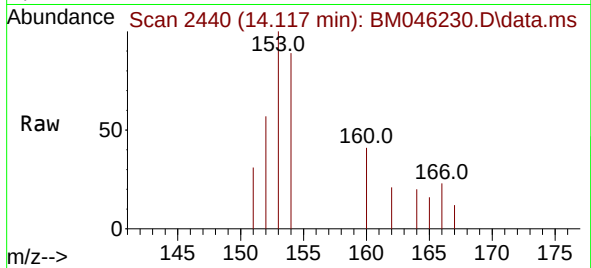
Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.2	17.4	26.2
153	21.3	11.8	17.8





#11
Acenaphthene
Concen: 0.062 ng/u1
RT: 14.117 min Scan# 2449
Delta R.T. -0.056 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

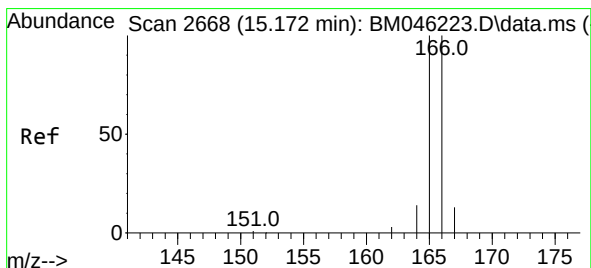
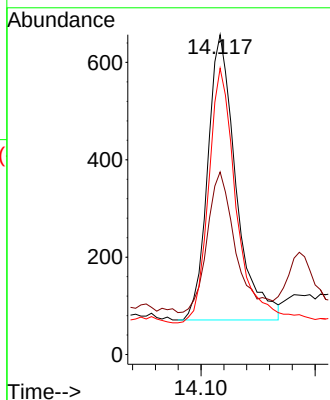
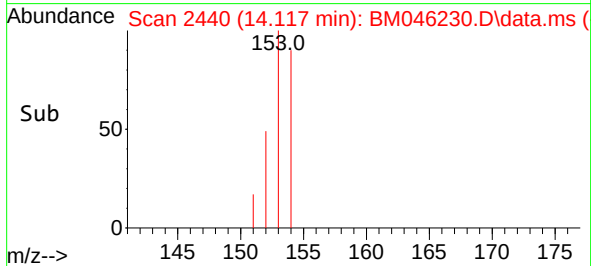
Instrument :
BNA_M
ClientSampleId :
A4B93



Tgt Ion:153 Resp: 1009
Ion Ratio Lower Upper
153 100
152 57.1 41.3 61.9
154 89.5 68.2 102.4

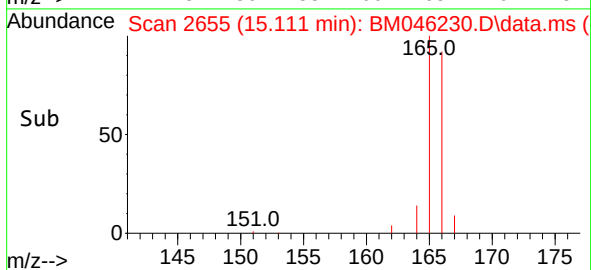
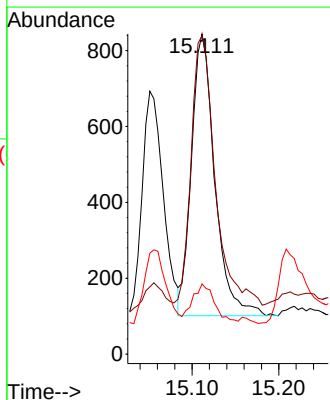
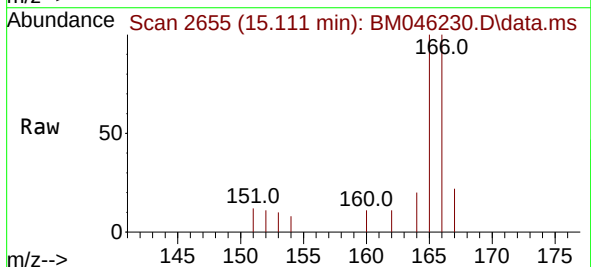
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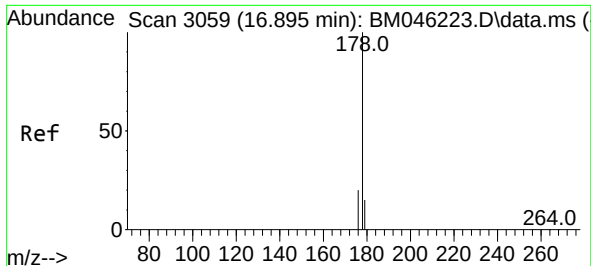
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.079 ng/u1
RT: 15.111 min Scan# 2655
Delta R.T. -0.069 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

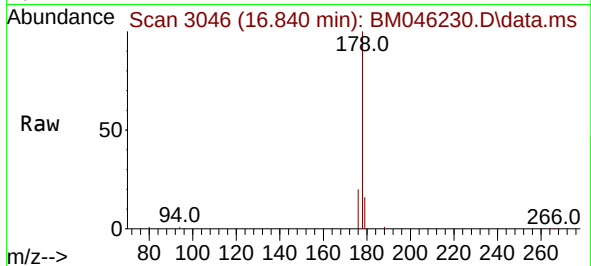
Tgt Ion:166 Resp: 1384
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 21.9 12.4 18.6#





#15
Phenanthrene
Concen: 1.099 ng/ul m
RT: 16.840 min Scan# 3046
Delta R.T. -0.063 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

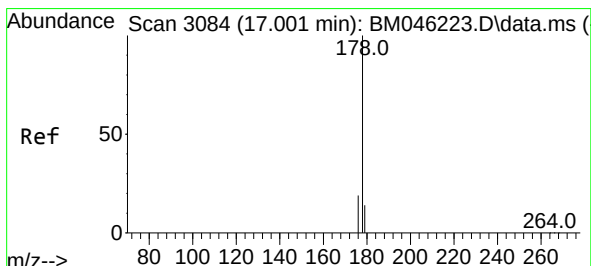
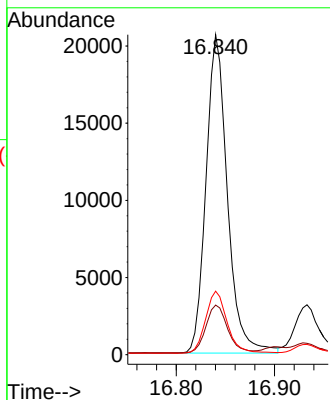
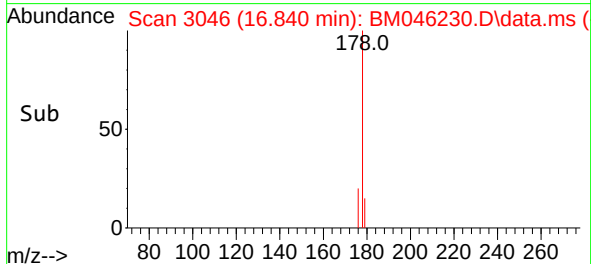
Instrument :
BNA_M
ClientSampleId :
A4B93



Tgt Ion:178 Resp: 31130
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.9 17.1 25.7

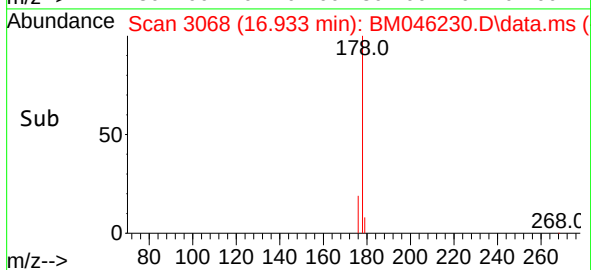
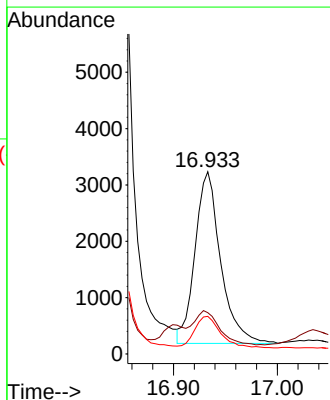
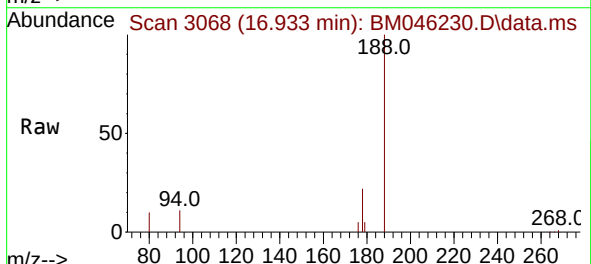
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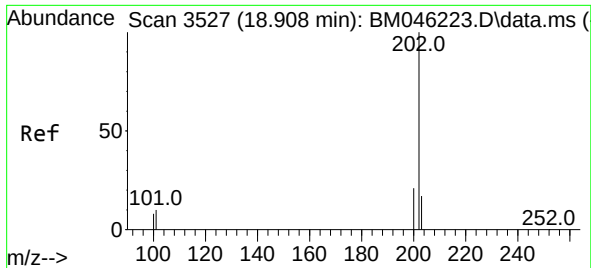
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.247 ng/ul m
RT: 16.933 min Scan# 3068
Delta R.T. -0.072 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

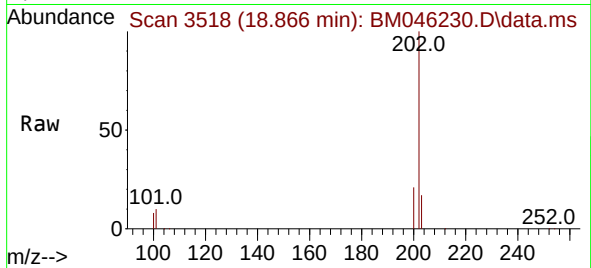
Tgt Ion:178 Resp: 5211
Ion Ratio Lower Upper
178 100
179 22.7 14.9 22.3#
176 20.6 17.0 25.4





#19
Fluoranthene
Concen: 2.641 ng/ul
RT: 18.866 min Scan# 3518
Delta R.T. -0.051 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

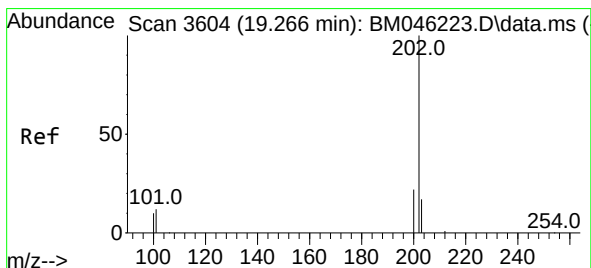
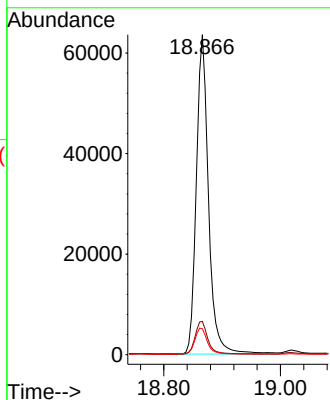
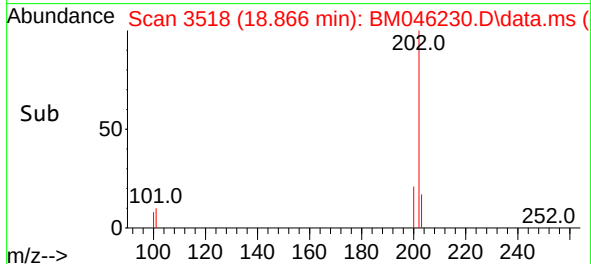
Instrument :
BNA_M
ClientSampleId :
A4B93



Tgt Ion:202 Resp: 9215
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.1 7.6 11.4

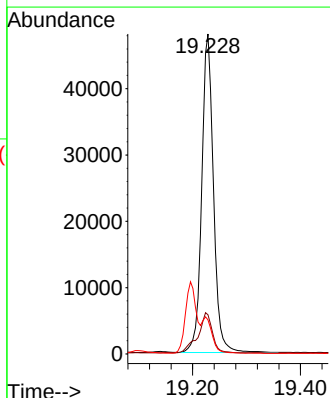
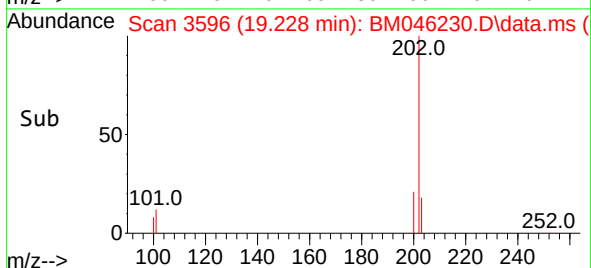
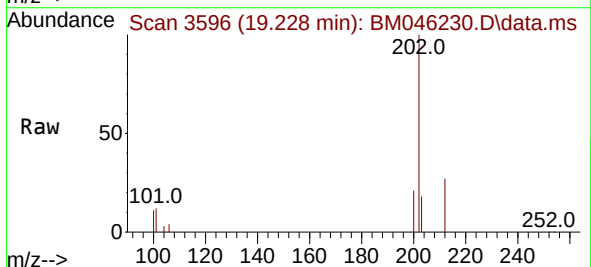
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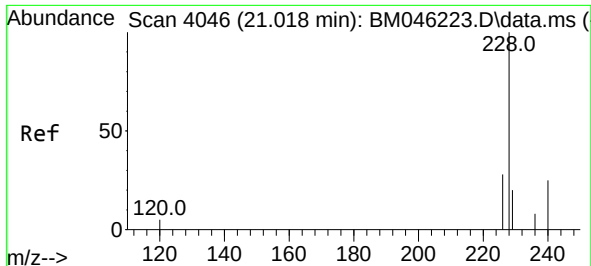
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#20
Pyrene
Concen: 1.926 ng/ul
RT: 19.228 min Scan# 3596
Delta R.T. -0.047 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

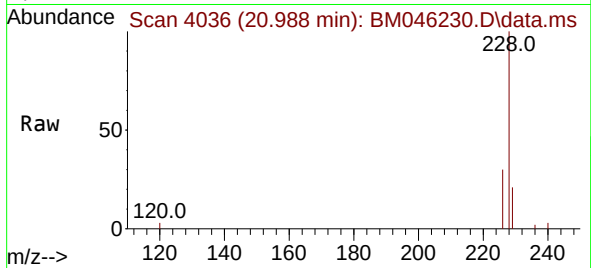
Tgt Ion:202 Resp: 72698
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.198 ng/ul
RT: 20.988 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

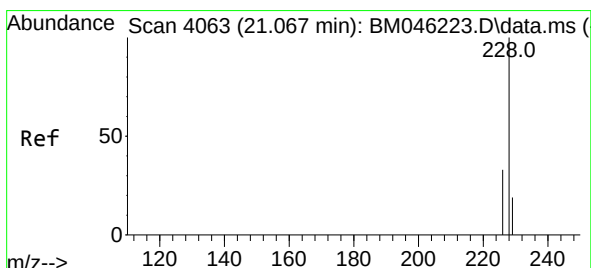
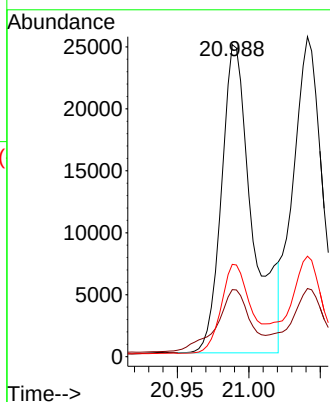
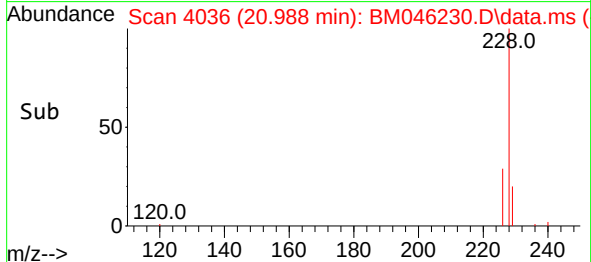
Instrument :
BNA_M
ClientSampleId :
A4B93



Tgt Ion:228 Resp: 3729
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 29.6 23.4 35.2

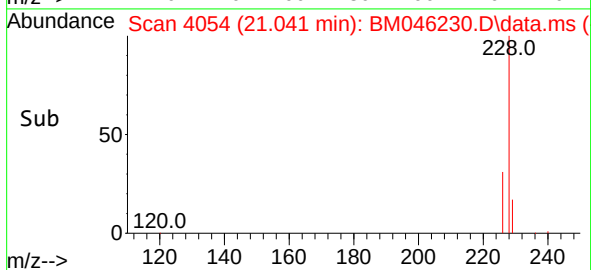
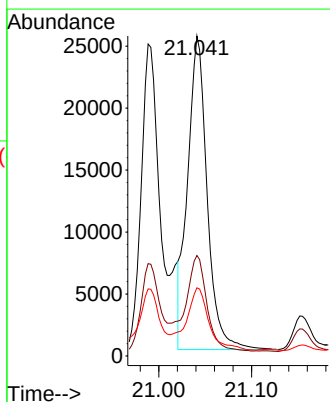
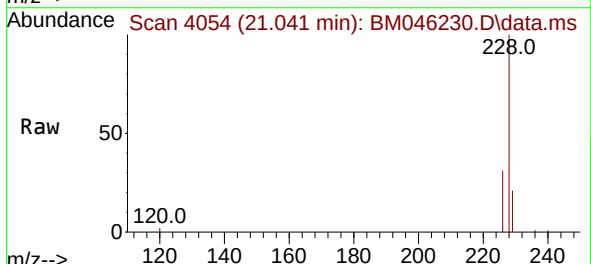
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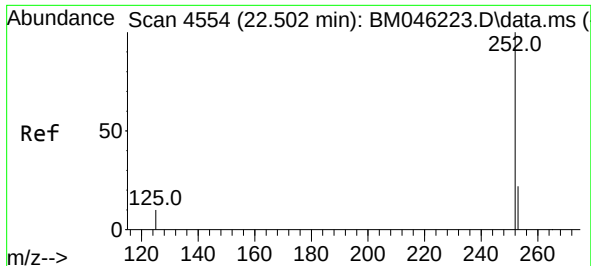
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 0.934 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

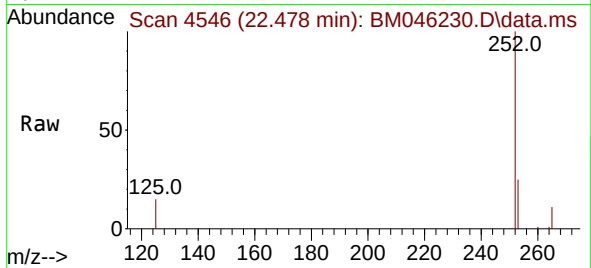
Tgt Ion:228 Resp: 37088
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.696 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

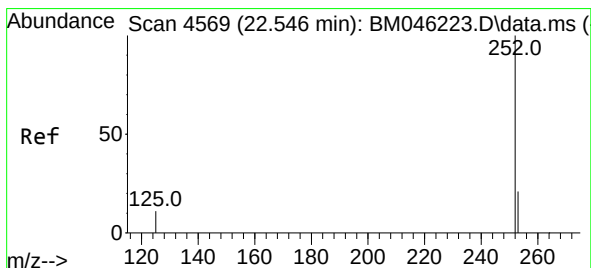
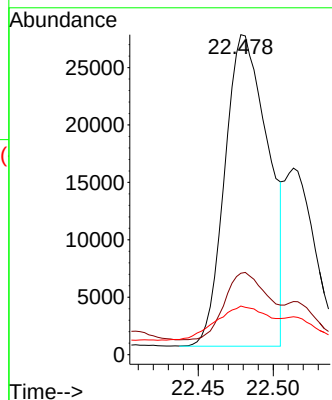
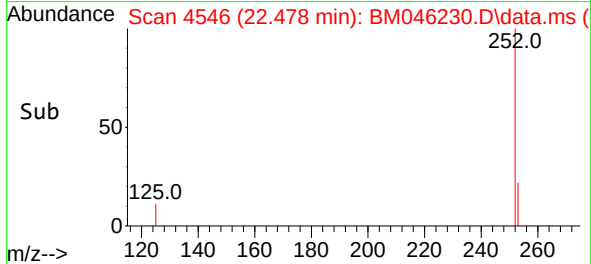
Instrument :
BNA_M
ClientSampleId :
A4B93



Tgt Ion:252 Resp: 5457
Ion Ratio Lower Upper
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253 25.4 0.0 65.8
125 15.2 0.0 40.2

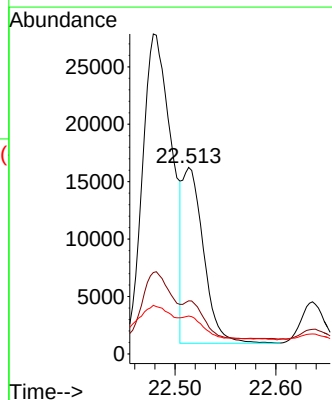
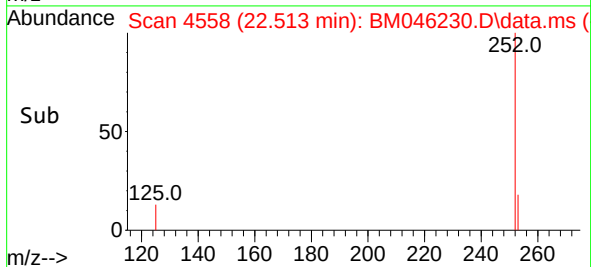
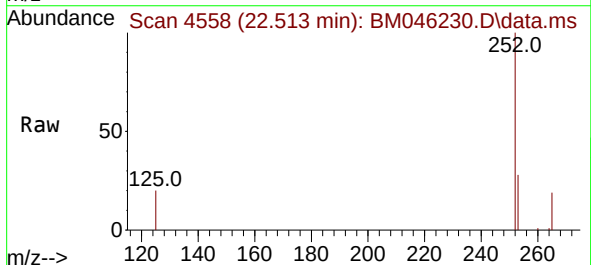
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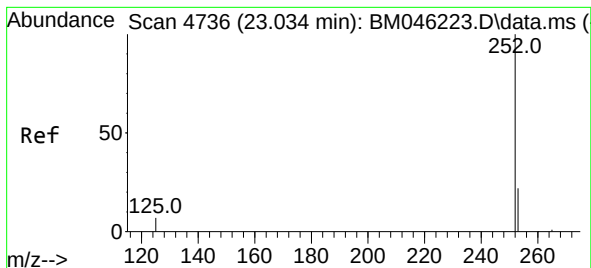
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.581 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

Tgt Ion:252 Resp: 22214
Ion Ratio Lower Upper
252 100
253 28.5 27.2 40.8
125 20.3 16.6 25.0





#26

Benzo(a)pyrene

Concen: 1.168 ng/ul

RT: 23.002 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

Instrument :

BNA_M

ClientSampleId :

A4B93

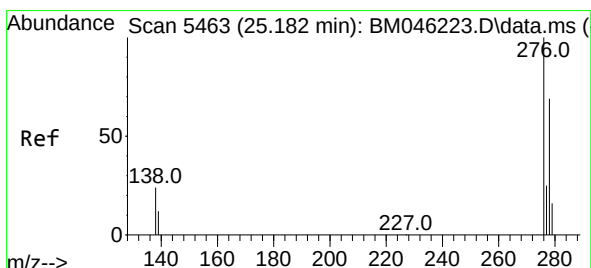
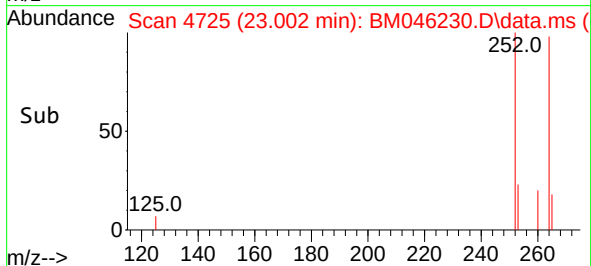
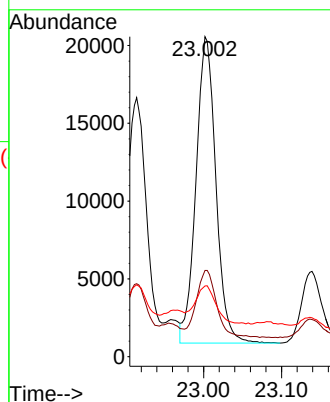
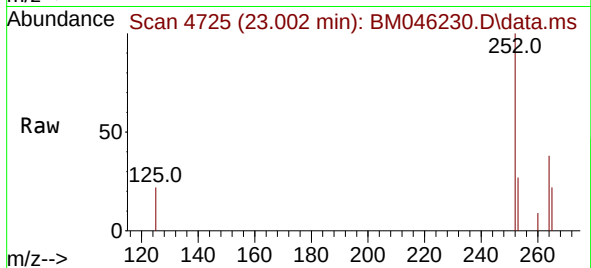
Tgt Ion:	252	Resp:	3481
Ion Ratio	Lower	Upper	
252	100		
253	27.0	32.1	48.1
125	22.1	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.602 ng/ul

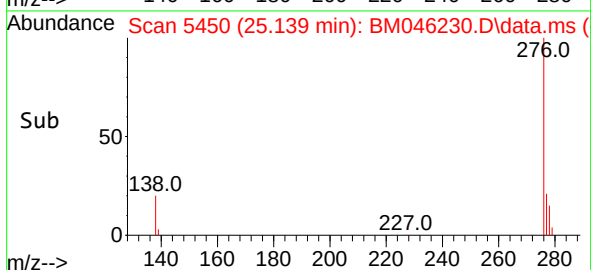
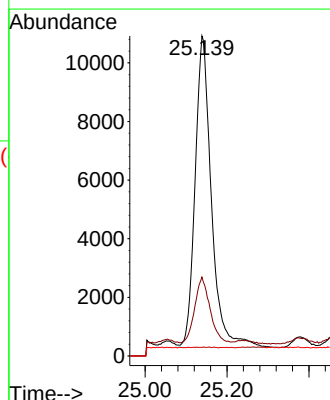
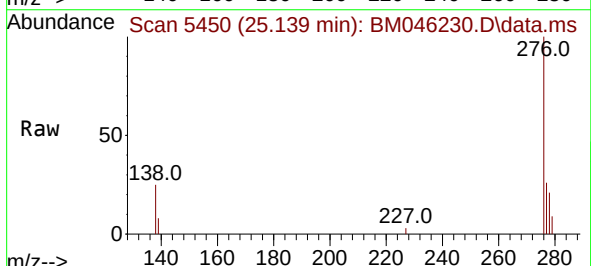
RT: 25.139 min Scan# 5450

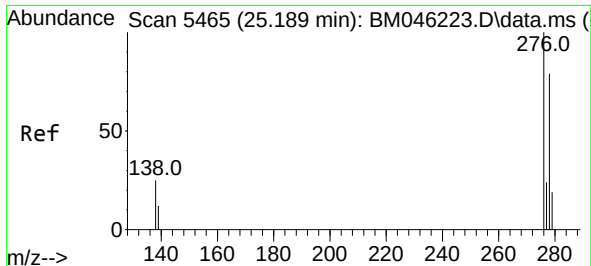
Delta R.T. -0.064 min

Lab File: BM046230.D

Acq: 23 Jun 2024 12:00

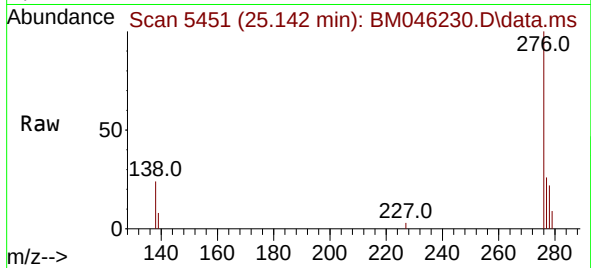
Tgt Ion:	276	Resp:	29356
Ion Ratio	Lower	Upper	
276	100		
138	21.6	21.0	31.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 25.142 min Scan# 5465
Delta R.T. -0.074 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00

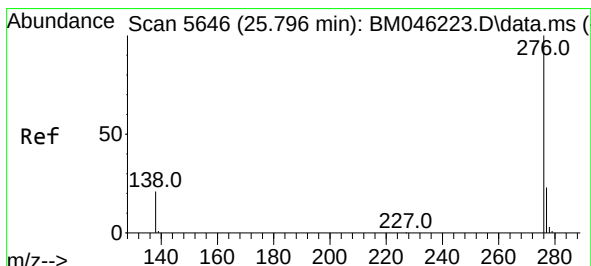
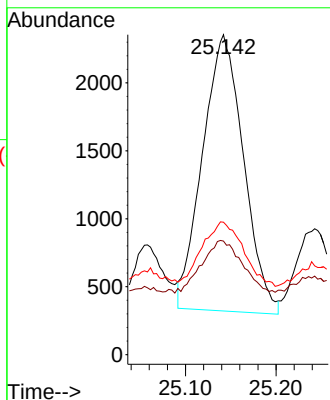
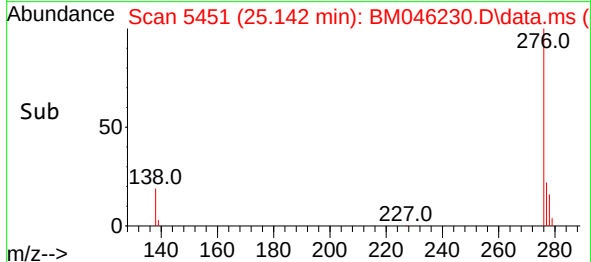
Instrument :
BNA_M
ClientSampleId :
A4B93



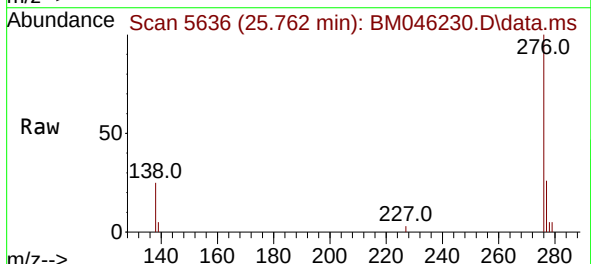
Tgt Ion:278 Resp: 6394
Ion Ratio Lower Upper
278 100
139 35.5 17.6 26.4
279 41.4 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.700 ng/ul
RT: 25.762 min Scan# 5636
Delta R.T. -0.067 min
Lab File: BM046230.D
Acq: 23 Jun 2024 12:00



Tgt Ion:276 Resp: 29277
Ion Ratio Lower Upper
276 100
138 24.6 21.7 32.5
277 26.1 20.4 30.6

