

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046217.D
 Acq On : 23 Jun 2024 03:30
 Operator : MA/JU
 Sample : P2775-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C96DL

Manual Integrations
 APPROVED

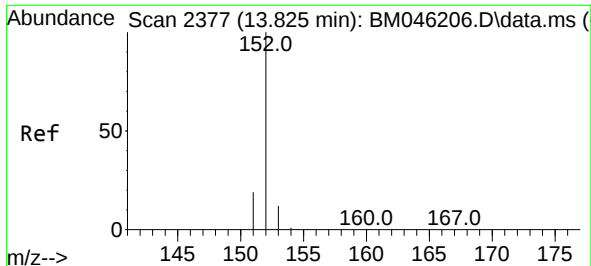
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 04:01:33 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 : Sun Jun 23 01:31:42 2024
 Response via : Initial Calibration

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

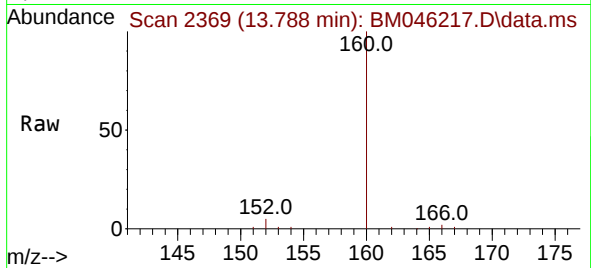
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	3092	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.204	136	9599	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.066	164	5553	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.815	188	10869	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240	8856	0.400	ng/ul	#-0.03
23) Perylene-d12	23.098	264	9989m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3378	0.796	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	689	0.053	ng/ul	-0.02
18) Fluoranthene-d10	18.848	212	1534	0.058	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.788	152	1798	0.068	ng/ul#	83
11) Acenaphthene	14.131	153	482	0.025	ng/ul#	92
12) Fluorene	15.130	166	650	0.032	ng/ul#	95
15) Phenanthrene	16.853	178	15491	0.507	ng/ul	98
16) Anthracene	16.950	178	2596	0.114	ng/ul#	87
19) Fluoranthene	18.875	202	32350	0.844	ng/ul	97
20) Pyrene	19.233	202	28884	0.697	ng/ul	99
21) Benzo(a)anthracene	20.997	228	12727	0.372	ng/ul	96
22) Chrysene	21.050	228	13449	0.308	ng/ul	98
24) Benzo(b)fluoranthene	22.487	252	20792m	0.578	ng/ul	
25) Benzo(k)fluoranthene	22.520	252	7916m	0.185	ng/ul	
26) Benzo(a)pyrene	23.008	252	12980	0.389	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.152	276	10973	0.201	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.159	278	2286	0.056	ng/ul#	57
29) Benzo(g,h,i)perylene	25.773	276	11203	0.239	ng/ul	98

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



#10
Acenaphthylene
Concen: 0.068 ng/u1
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30

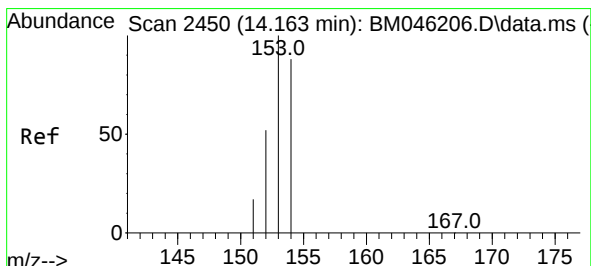
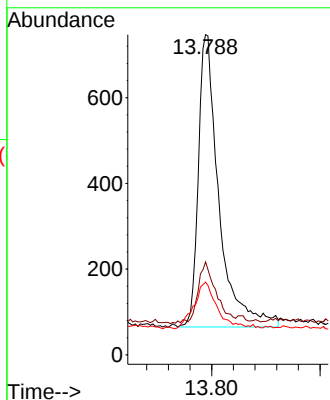
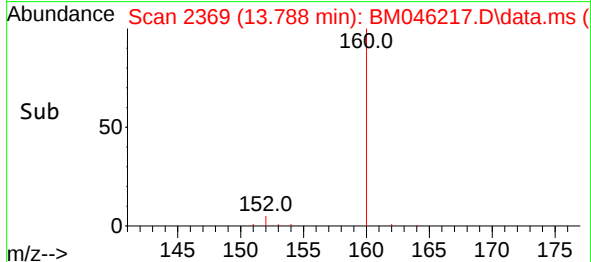
Instrument :
BNA_M
ClientSampleId :
A4C96DL



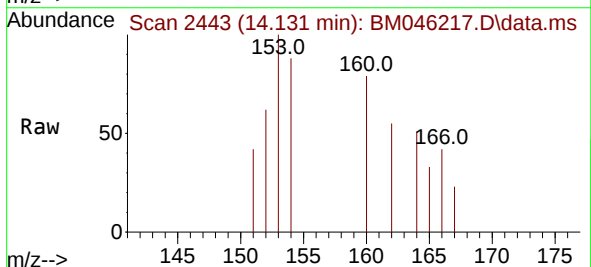
Tgt Ion:152 Resp: 1798
Ion Ratio Lower Upper
152 100
151 29.0 17.4 26.2
153 22.8 11.8 17.8

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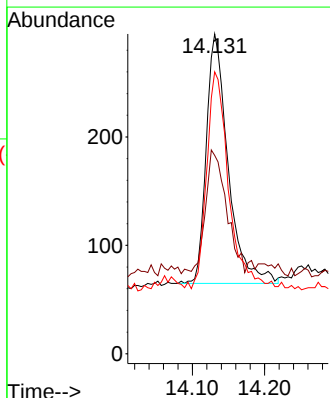
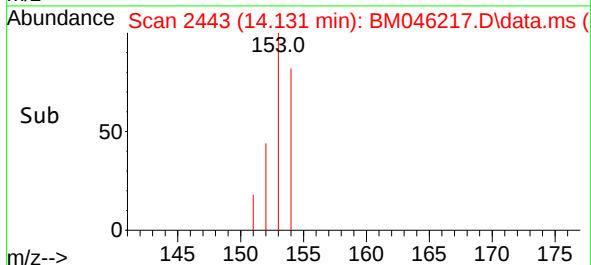
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

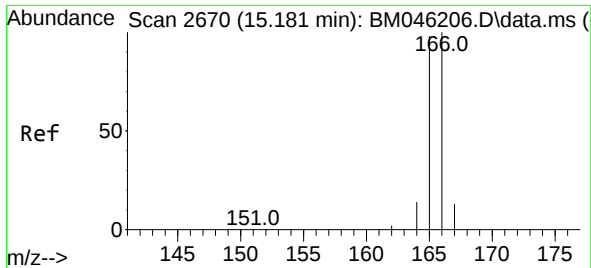


#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.131 min Scan# 2443
Delta R.T. -0.041 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30



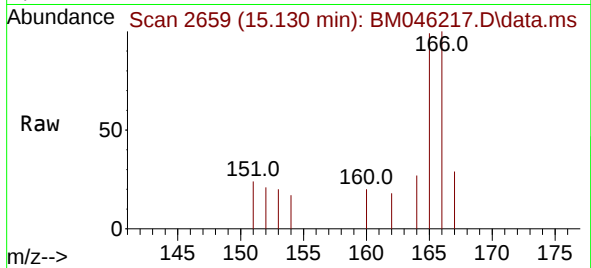
Tgt Ion:153 Resp: 482
Ion Ratio Lower Upper
153 100
152 62.0 41.3 61.9#
154 88.1 68.2 102.4





#12
Fluorene
Concen: 0.032 ng/u1
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30

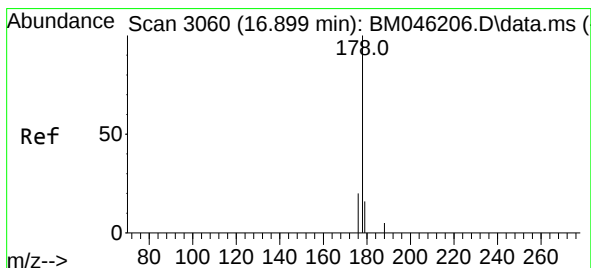
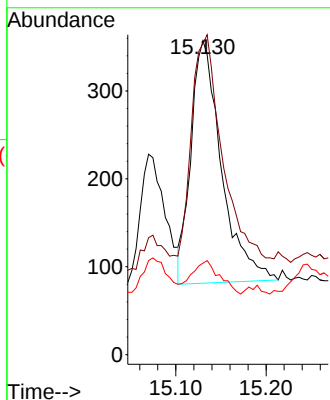
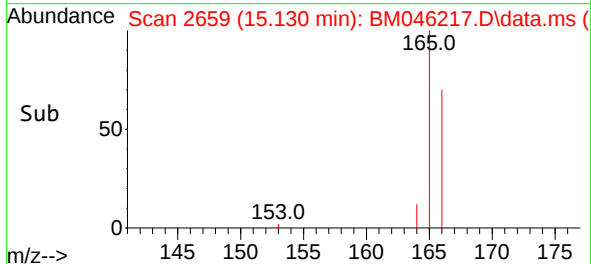
Instrument :
BNA_M
ClientSampleId :
A4C96DL



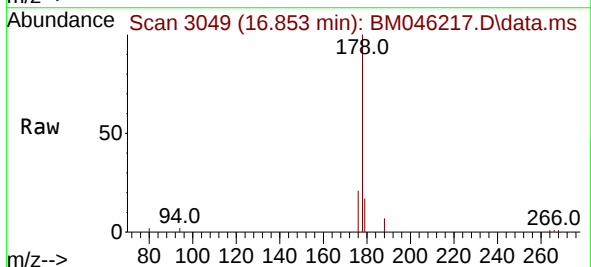
Tgt Ion:166 Resp: 650
Ion Ratio Lower Upper
166 100
165 99.2 80.4 120.6
167 29.1 12.4 18.6

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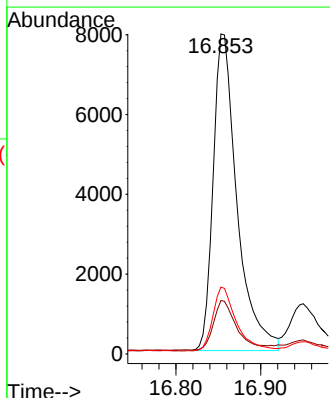
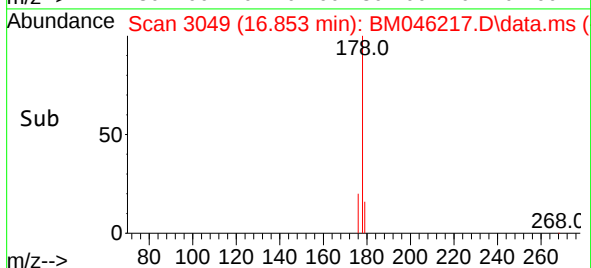
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

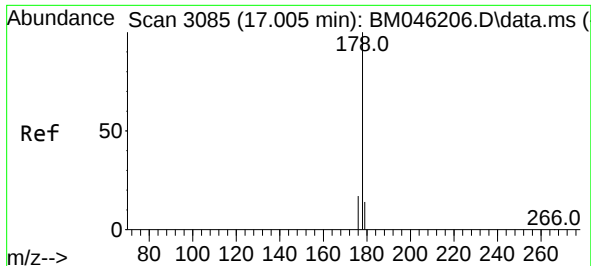


#15
Phenanthrene
Concen: 0.507 ng/u1
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30



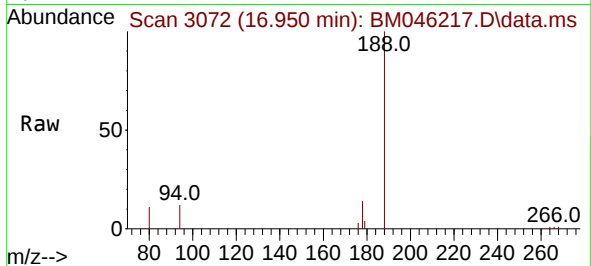
Tgt Ion:178 Resp: 15491
Ion Ratio Lower Upper
178 100
179 16.7 14.2 21.2
176 20.9 17.1 25.7





#16
 Anthracene
 Concen: 0.114 ng/ul
 RT: 16.950 min Scan# 3085
 Delta R.T. -0.055 min
 Lab File: BM046217.D
 Acq: 23 Jun 2024 03:30

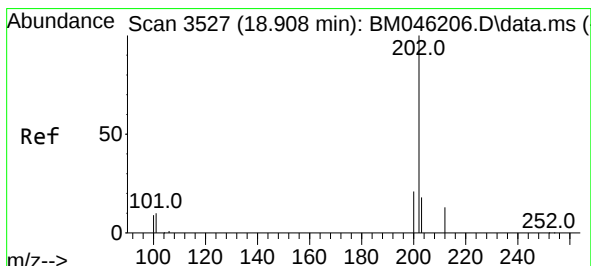
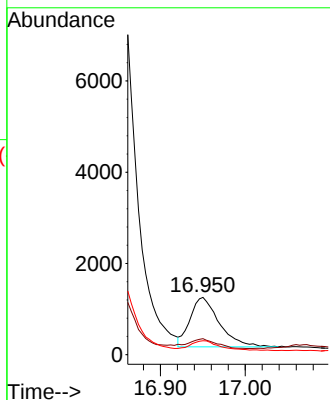
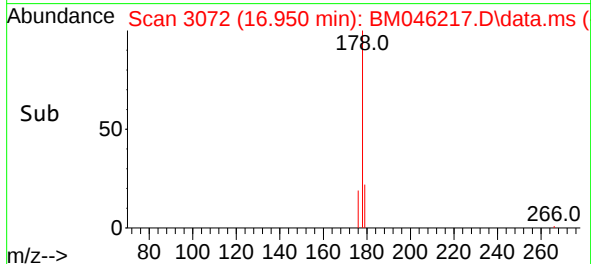
Instrument :
 BNA_M
 ClientSampleId :
 A4C96DL



Tgt Ion:178 Resp: 2590
 Ion Ratio Lower Upper
 178 100
 179 28.0 14.9 22.3
 176 24.2 17.0 25.4

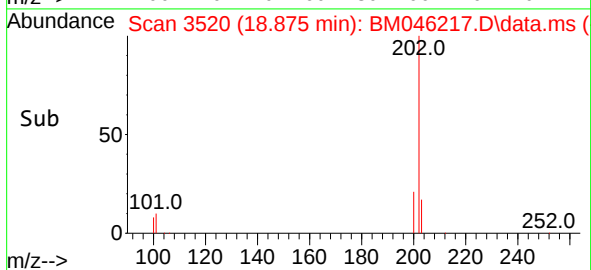
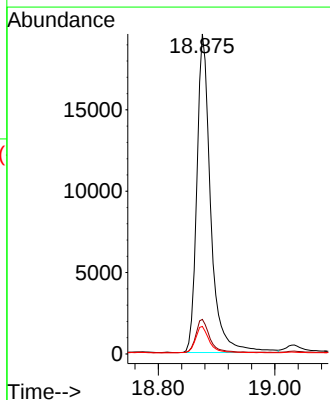
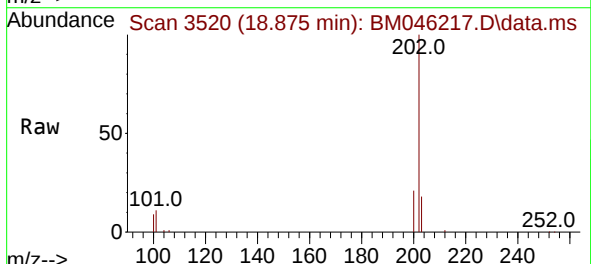
Manual Integrations
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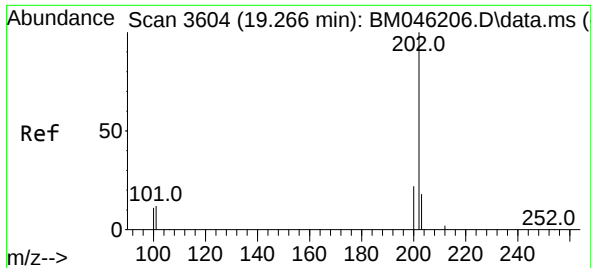
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 0.844 ng/ul
 RT: 18.875 min Scan# 3520
 Delta R.T. -0.042 min
 Lab File: BM046217.D
 Acq: 23 Jun 2024 03:30

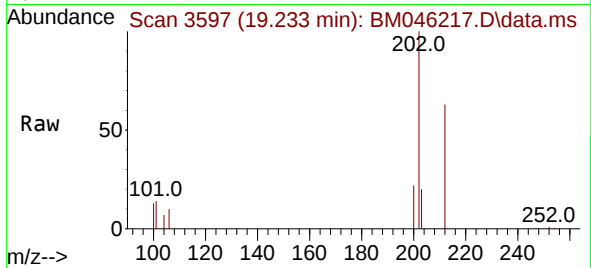
Tgt Ion:202 Resp: 32350
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.6 14.4
 100 8.6 7.6 11.4





#20
Pyrene
Concen: 0.697 ng/u1
RT: 19.233 min Scan# 31
Delta R.T. -0.042 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30

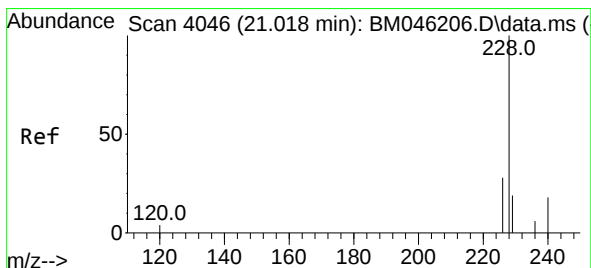
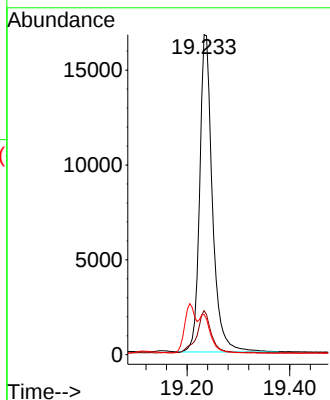
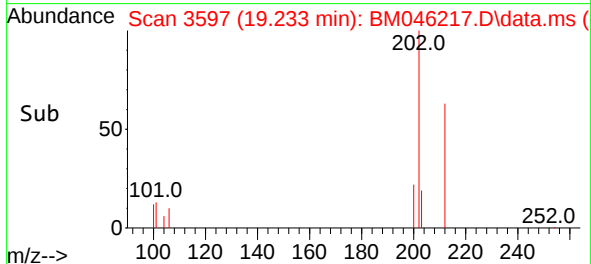
Instrument :
BNA_M
ClientSampleId :
A4C96DL



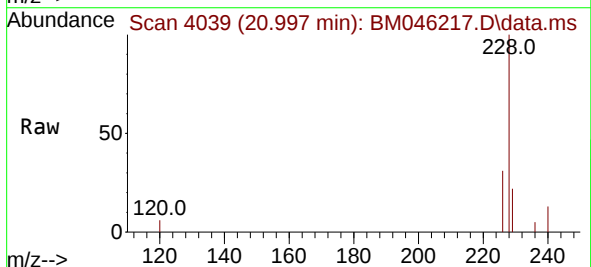
Tgt Ion:202 Resp: 28884
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 12.5 9.8 14.6

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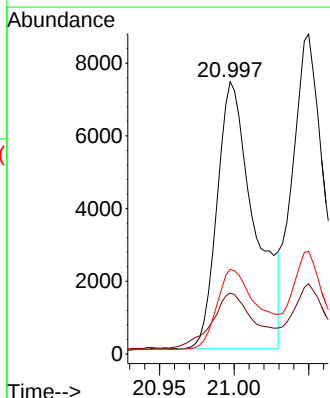
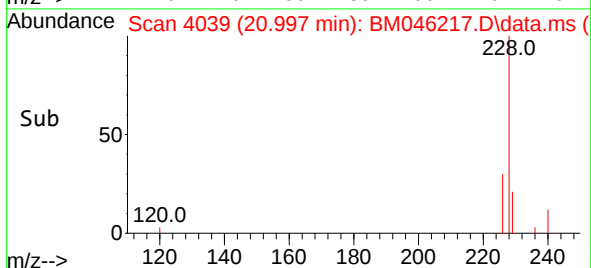
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

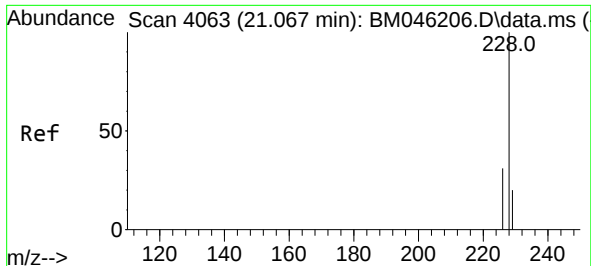


#21
Benzo(a)anthracene
Concen: 0.372 ng/u1
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30



Tgt Ion:228 Resp: 12727
Ion Ratio Lower Upper
228 100
229 22.4 16.4 24.6
226 31.1 23.4 35.2





#22

Chrysene

Concen: 0.308 ng/ul

RT: 21.050 min Scan# 4063

Delta R.T. -0.026 min

Lab File: BM046217.D

Acq: 23 Jun 2024 03:30

Instrument :

BNA_M

ClientSampleId :

A4C96DL

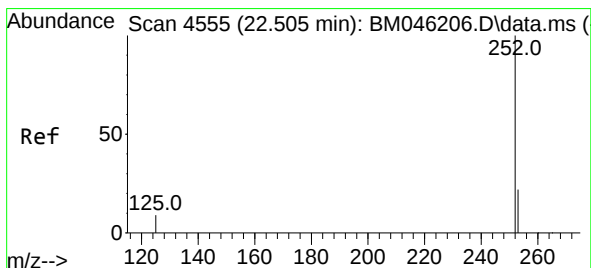
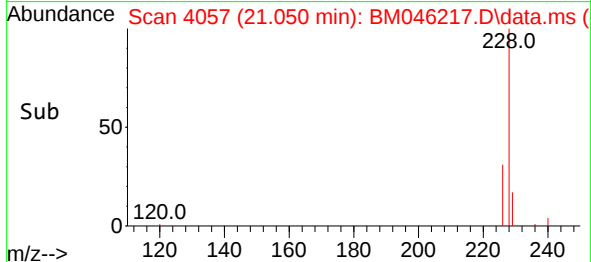
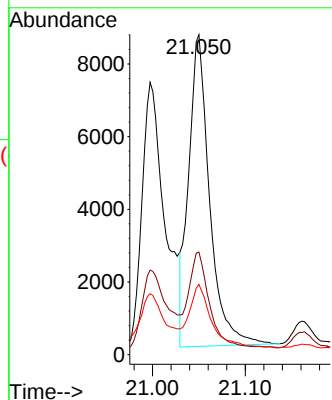
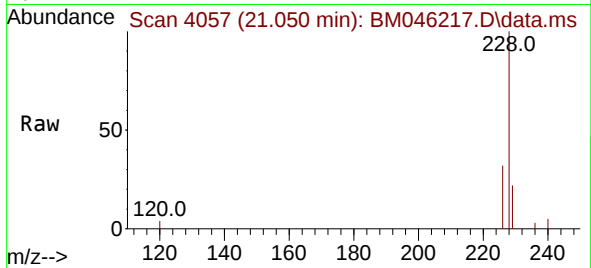
Tgt Ion:228	Resp:	13449
Ion Ratio	Lower	Upper
228	100	
226	32.1	25.2 37.8
229	22.0	16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#24

Benzo(b)fluoranthene

Concen: 0.578 ng/ul m

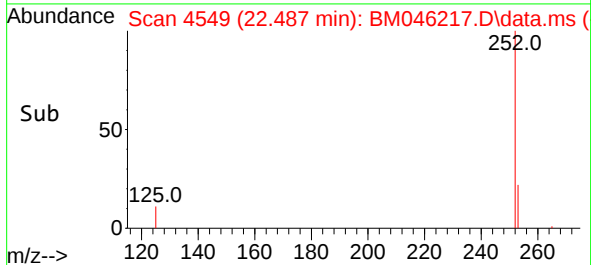
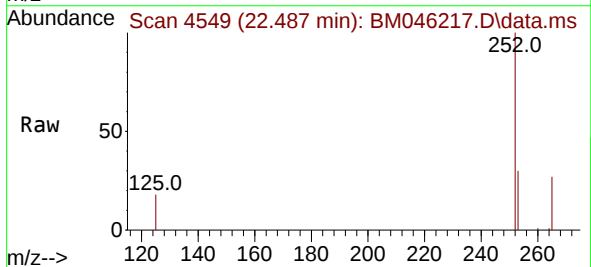
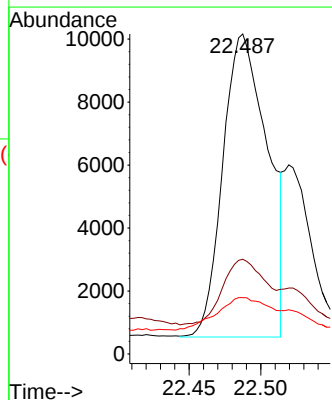
RT: 22.487 min Scan# 4549

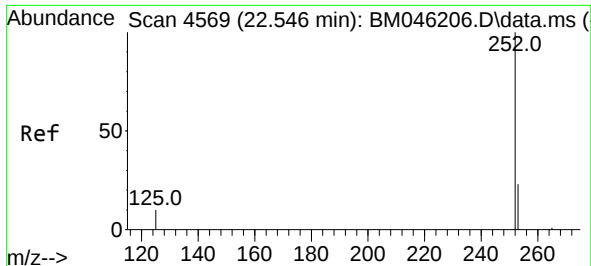
Delta R.T. -0.032 min

Lab File: BM046217.D

Acq: 23 Jun 2024 03:30

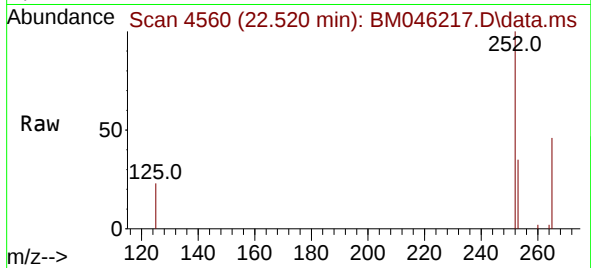
Tgt Ion:252	Resp:	20792
Ion Ratio	Lower	Upper
252	100	
253	29.6	0.0 65.8
125	17.6	0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 22.520 min Scan# 4569
Delta R.T. -0.044 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30

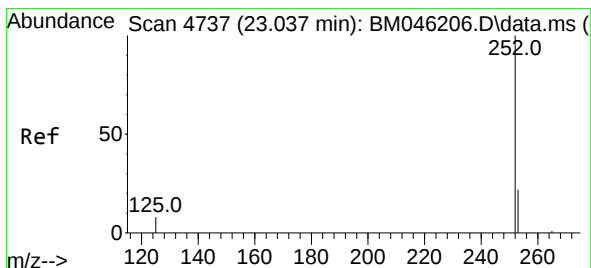
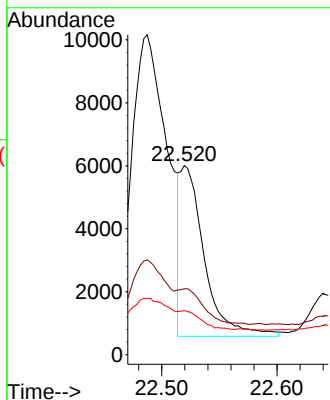
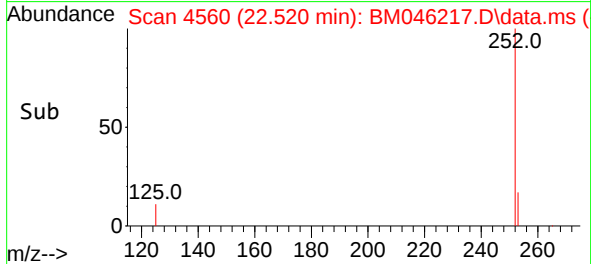
Instrument :
BNA_M
ClientSampleId :
A4C96DL



Tgt Ion:252 Resp: 7910
Ion Ratio Lower Upper
252 100
253 34.9 27.2 40.8
125 23.3 16.6 25.0

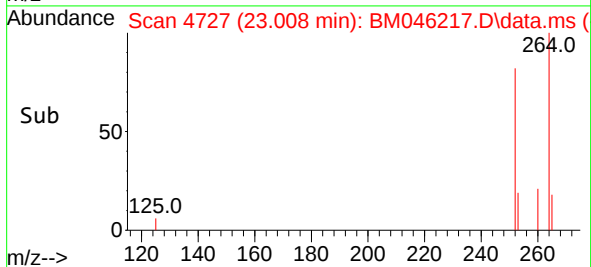
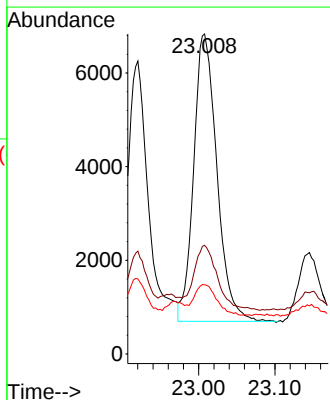
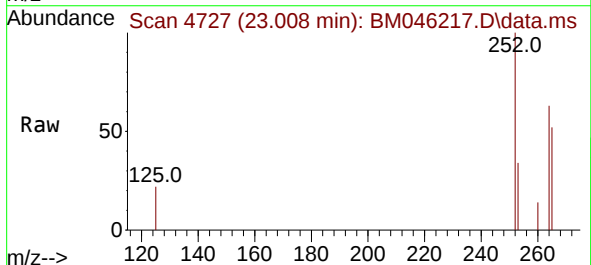
Manual Integrations
APPROVED

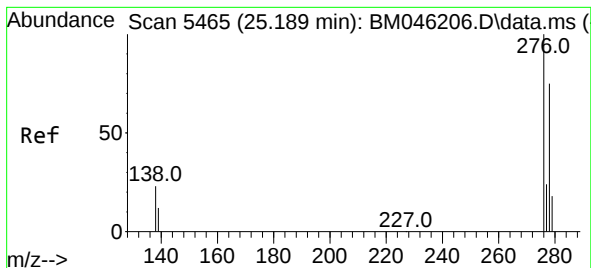
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.008 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046217.D
Acq: 23 Jun 2024 03:30

Tgt Ion:252 Resp: 12980
Ion Ratio Lower Upper
252 100
253 34.0 32.1 48.1
125 21.6 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.201 ng/ul

RT: 25.152 min Scan# 5454

Delta R.T. -0.050 min

Lab File: BM046217.D

Acq: 23 Jun 2024 03:30

Instrument :

BNA_M

ClientSampleId :

A4C96DL

Tgt Ion:276 Resp: 1097

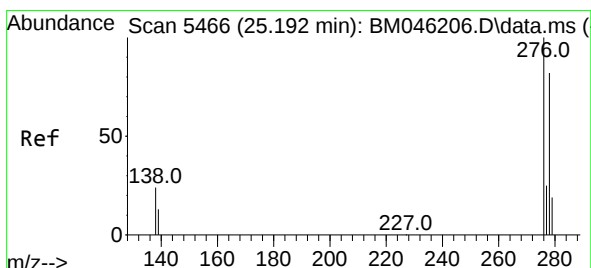
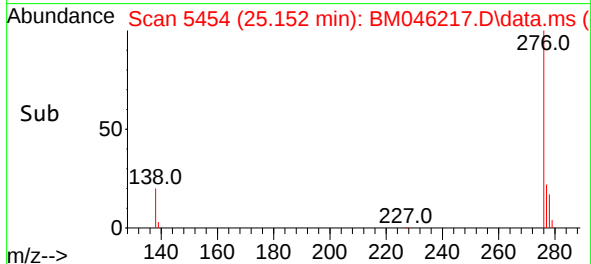
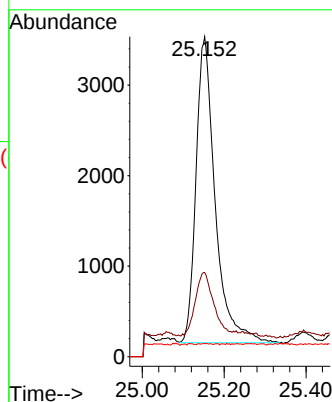
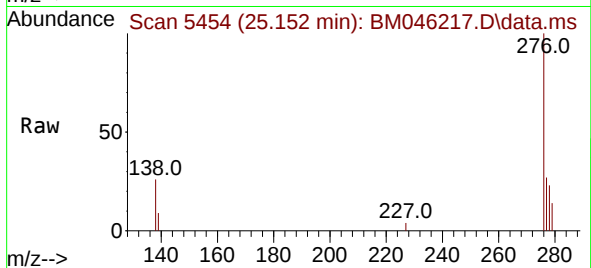
Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
227	0.1	0.0	0.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

RT: 25.159 min Scan# 5456

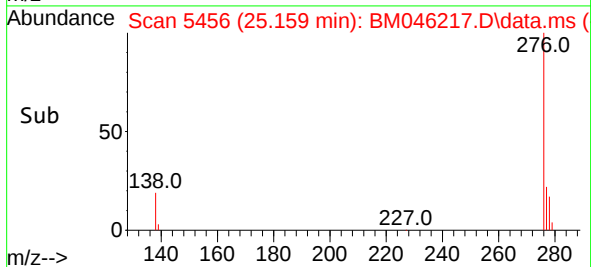
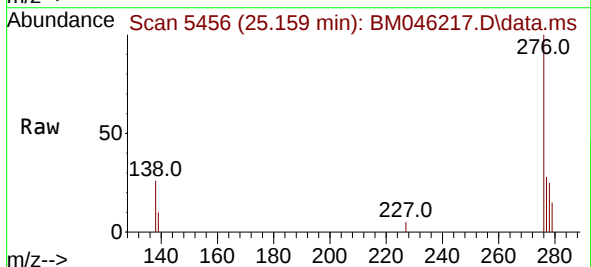
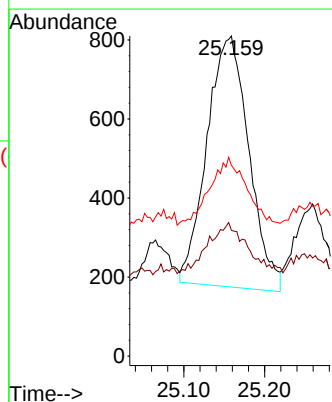
Delta R.T. -0.057 min

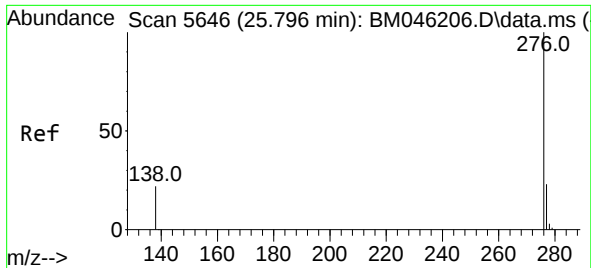
Lab File: BM046217.D

Acq: 23 Jun 2024 03:30

Tgt Ion:278 Resp: 2286

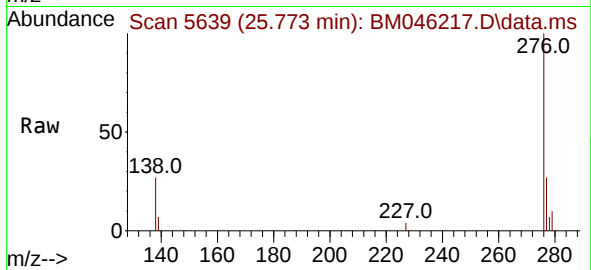
Ion	Ratio	Lower	Upper
278	100		
139	39.3	17.6	26.4#
279	59.6	26.3	39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.239 ng/ul
 RT: 25.773 min Scan# 50
 Delta R.T. -0.057 min
 Lab File: BM046217.D
 Acq: 23 Jun 2024 03:30

Instrument :
 BNA_M
 ClientSampleId :
 A4C96DL



Tgt Ion:276 Resp: 1120
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.7 32.5
 277 27.3 20.4 30.6

Manual Integrations
 APPROVED

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

