

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046213.D
 Acq On : 23 Jun 2024 01:02
 Operator : MA/JU
 Sample : P2754-18DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ4DL

Quant Time: Jun 23 01:53:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2609	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.205	136	7903	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.067	164	4570	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	9231	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	7721	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264	8515m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	4048	1.131	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	899	0.085	ng/ul	-0.03
18) Fluoranthene-d10	18.844	212	2177	0.094	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.255	128	752	0.034	ng/ul#	65
7) 2-Methylnaphthalene	11.915	142	261	0.021	ng/ul	81
10) Acenaphthylene	13.790	152	1236	0.057	ng/ul#	75
11) Acenaphthene	14.132	153	1057	0.068	ng/ul	95
12) Fluorene	15.122	166	1218	0.073	ng/ul#	96
15) Phenanthrene	16.850	178	21128	0.815	ng/ul	97
16) Anthracene	16.943	178	4116	0.213	ng/ul#	94
19) Fluoranthene	18.872	202	41347	1.237	ng/ul	96
20) Pyrene	19.235	202	30985	0.857	ng/ul	97
21) Benzo(a)anthracene	20.997	228	18439	0.618	ng/ul	96
22) Chrysene	21.047	228	17426	0.458	ng/ul	97
24) Benzo(b)fluoranthene	22.487	252	27055m	0.882	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	10285m	0.282	ng/ul	
26) Benzo(a)pyrene	23.007	252	9920	0.349	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.148	276	9906	0.213	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.152	278	3118	0.090	ng/ul#	67
29) Benzo(g,h,i)perylene	25.776	276	1589	0.040	ng/ul#	46

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

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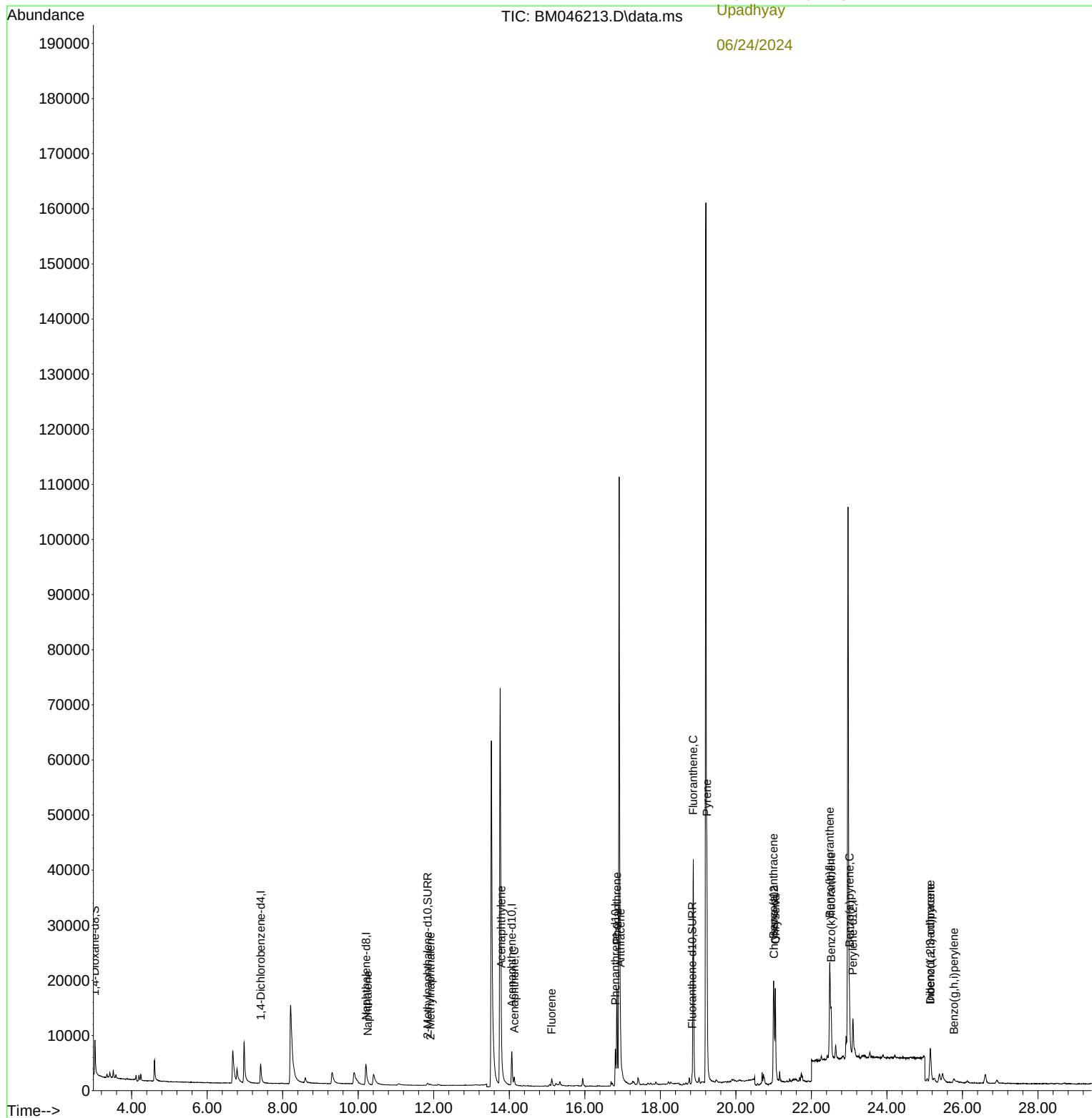
Quant Time: Jun 23 01:53:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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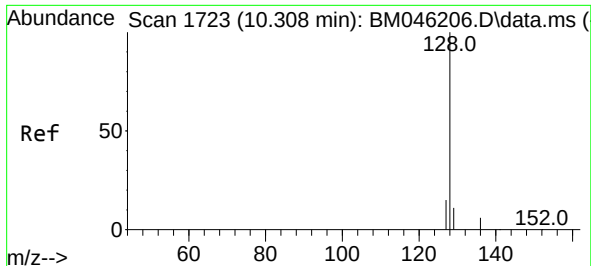
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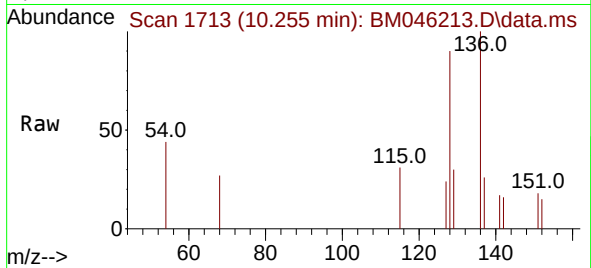
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#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.255 min Scan# 1713
Delta R.T. -0.048 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

Instrument :
BNA_M
ClientSampleId :
A4BQ4DL



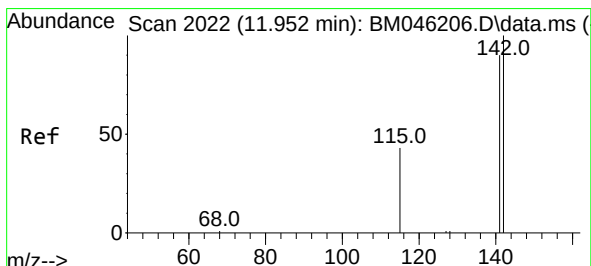
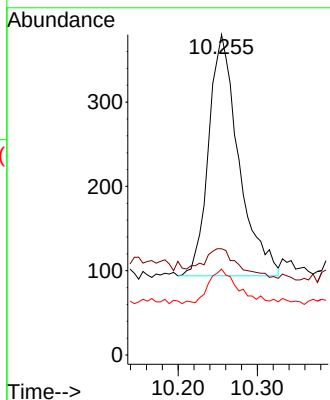
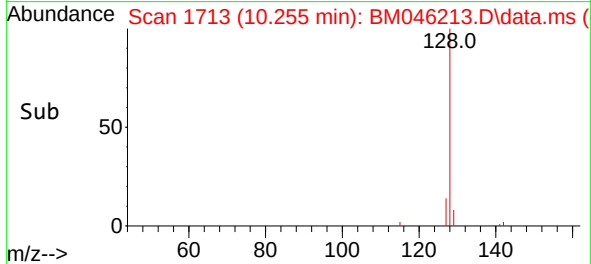
Tgt Ion:128 Resp: 752
Ion Ratio Lower Upper
128 100
129 33.2 11.8 17.6
127 26.8 12.8 19.2

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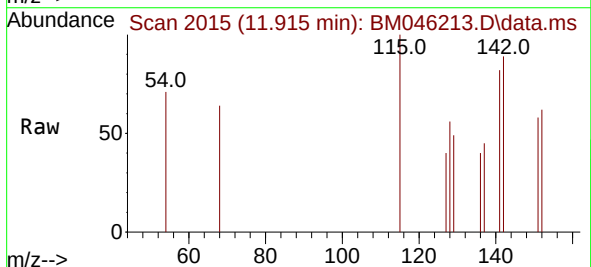
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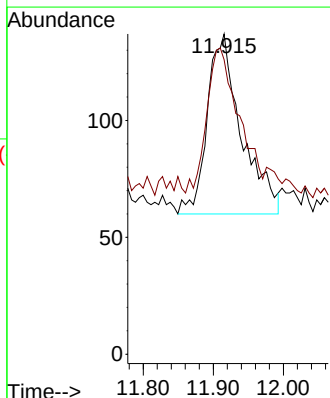
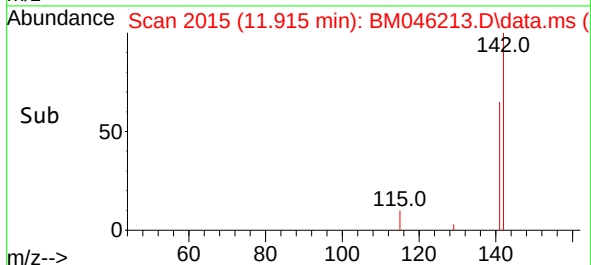
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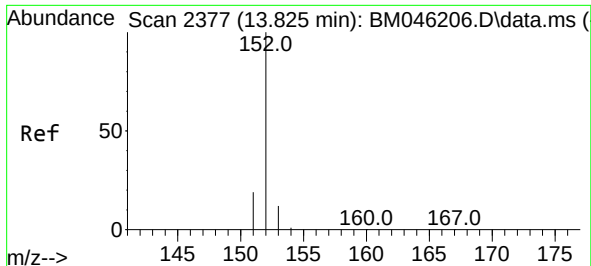


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.032 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02



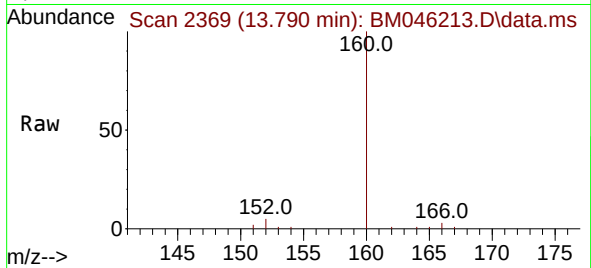
Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
141 75.1 74.6 111.8





#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.790 min Scan# 2136
Delta R.T. -0.045 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

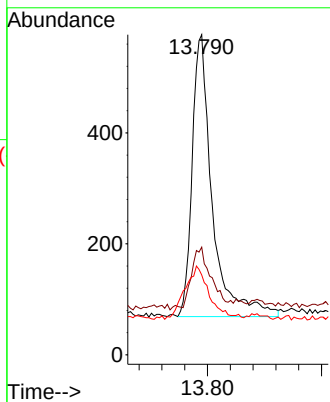
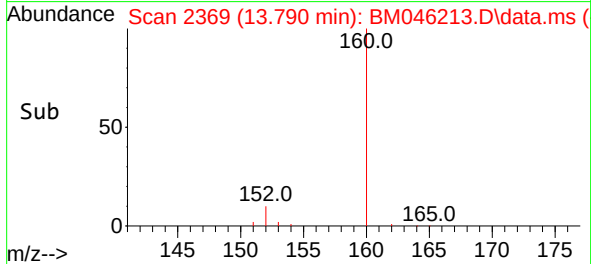
Instrument :
BNA_M
ClientSampleId :
A4BQ4DL



Tgt Ion:152 Resp: 1230
Ion Ratio Lower Upper
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151 33.6 17.4 26.2
153 25.0 11.8 17.8

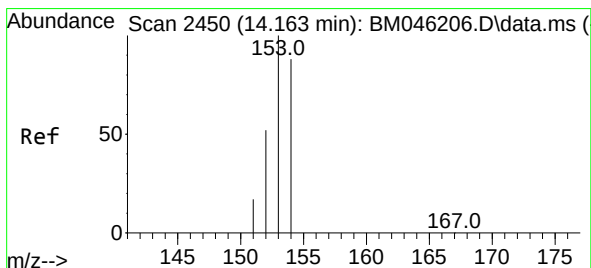
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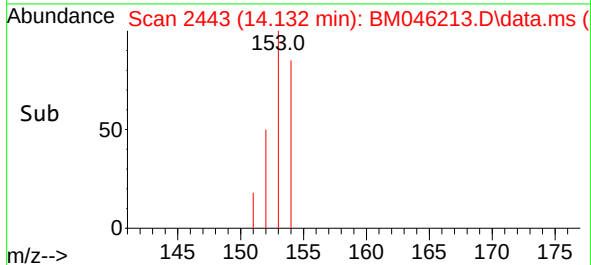
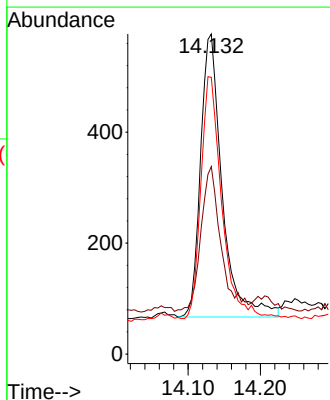
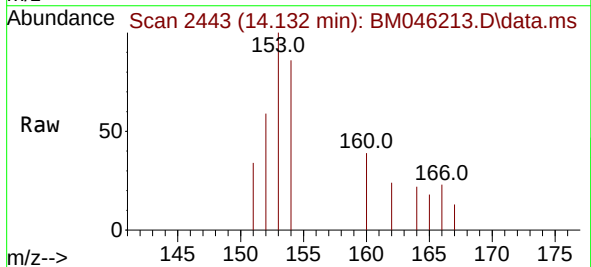
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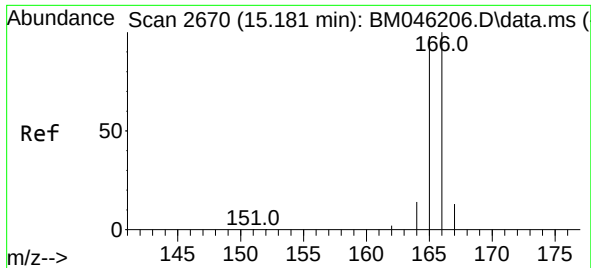
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#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.132 min Scan# 2443
Delta R.T. -0.040 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

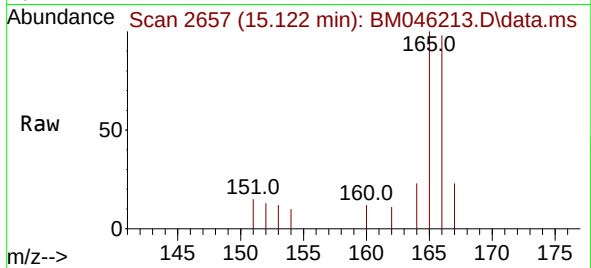
Tgt Ion:153 Resp: 1057
Ion Ratio Lower Upper
153 100
152 58.6 41.3 61.9
154 86.5 68.2 102.4





#12
Fluorene
Concen: 0.073 ng/u1
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

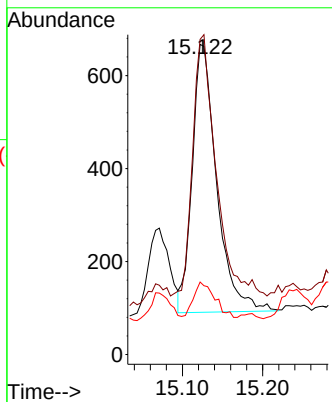
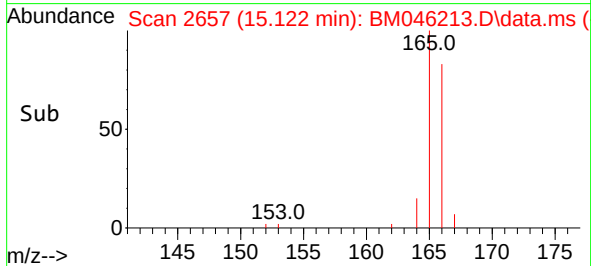
Instrument :
BNA_M
ClientSampleId :
A4BQ4DL



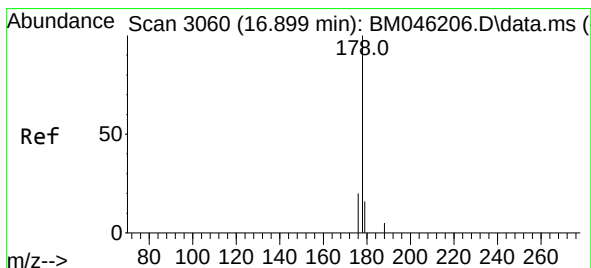
Tgt Ion:166 Resp: 1218
Ion Ratio Lower Upper
166 100
165 101.6 80.4 120.6
167 23.4 12.4 18.6

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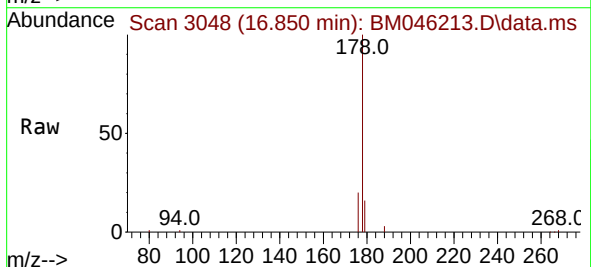
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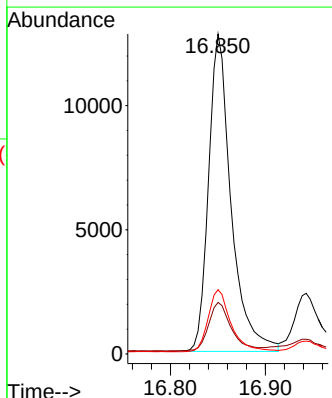
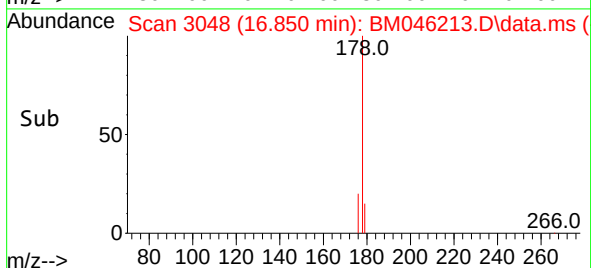
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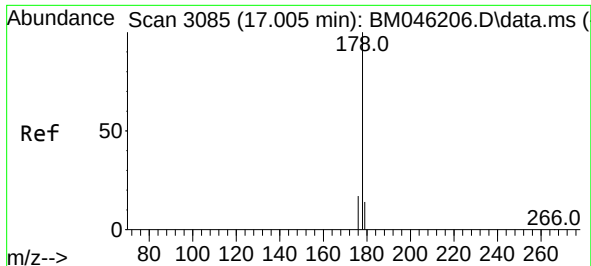


#15
Phenanthrene
Concen: 0.815 ng/u1
RT: 16.850 min Scan# 3048
Delta R.T. -0.053 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02



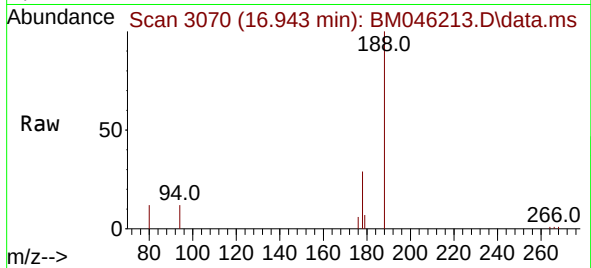
Tgt Ion:178 Resp: 21128
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.2
176 20.1 17.1 25.7





#16
 Anthracene
 Concen: 0.213 ng/ul
 RT: 16.943 min Scan# 3085
 Delta R.T. -0.062 min
 Lab File: BM046213.D
 Acq: 23 Jun 2024 01:02

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ4DL



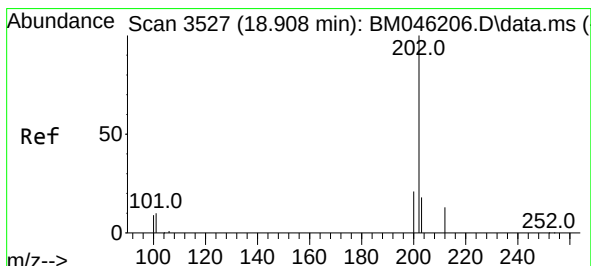
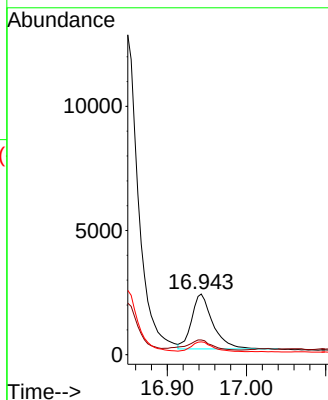
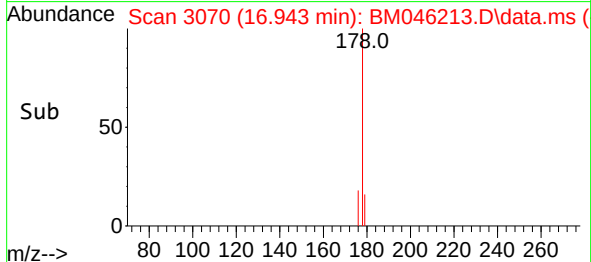
Tgt Ion:178 Resp: 4110
 Ion Ratio Lower Upper
 178 100
 179 24.4 14.9 22.3
 176 21.2 17.0 25.4

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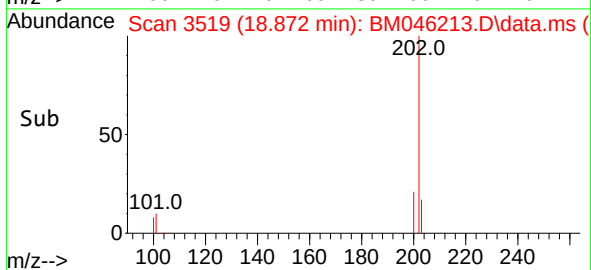
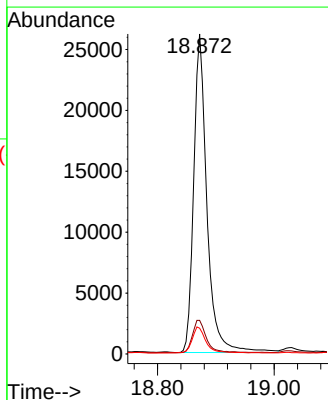
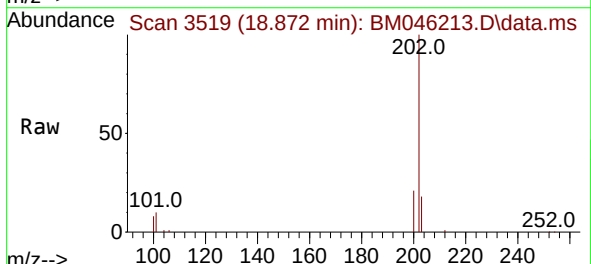
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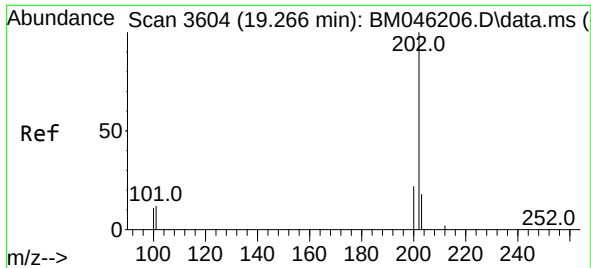
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#19
 Fluoranthene
 Concen: 1.237 ng/ul
 RT: 18.872 min Scan# 3519
 Delta R.T. -0.045 min
 Lab File: BM046213.D
 Acq: 23 Jun 2024 01:02

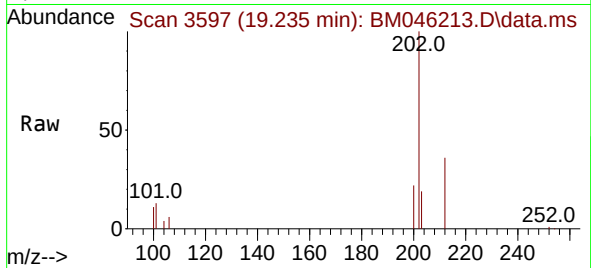
Tgt Ion:202 Resp: 41347
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.6 14.4
 100 8.0 7.6 11.4





#20
Pyrene
Concen: 0.857 ng/ul
RT: 19.235 min Scan# 3098
Delta R.T. -0.040 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

Instrument :
BNA_M
ClientSampleId :
A4BQ4DL



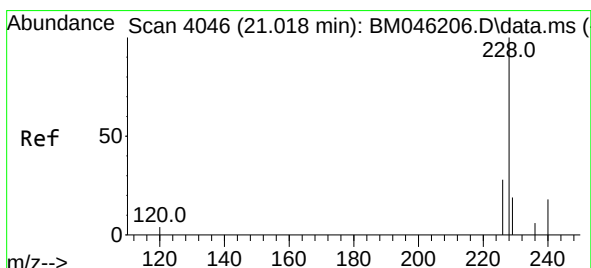
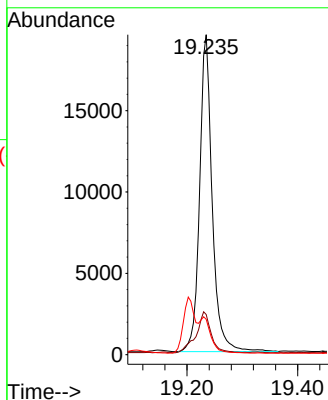
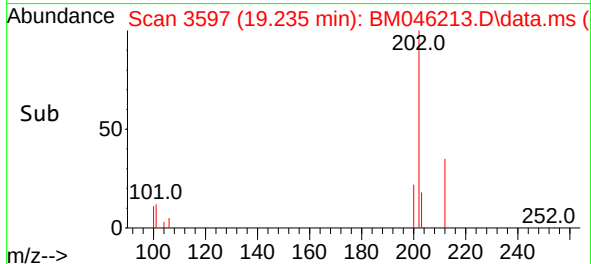
Tgt Ion:202 Resp: 3098
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 11.1 9.8 14.6

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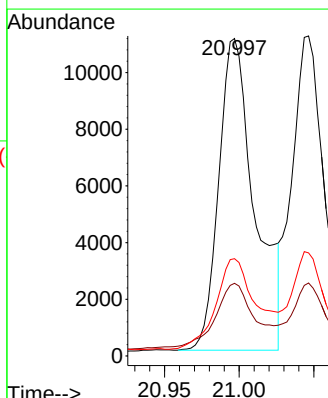
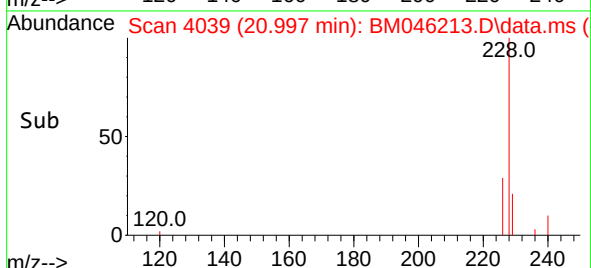
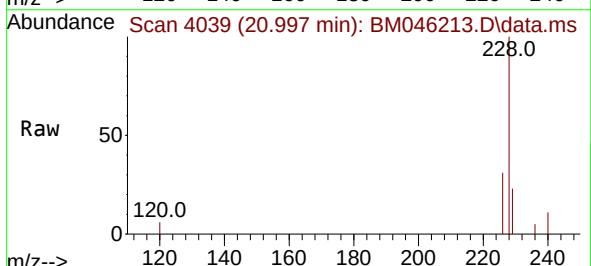
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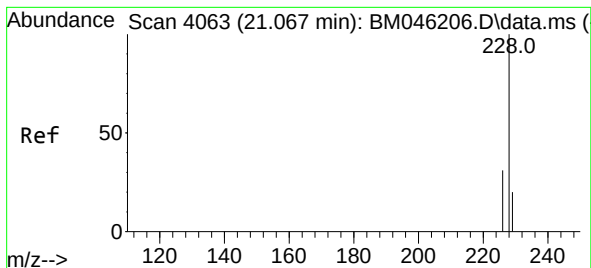
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#21
Benzo(a)anthracene
Concen: 0.618 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

Tgt Ion:228 Resp: 18439
Ion Ratio Lower Upper
228 100
229 22.9 16.4 24.6
226 30.7 23.4 35.2





#22

Chrysene

Concen: 0.458 ng/ul

RT: 21.047 min Scan# 4063

Delta R.T. -0.030 min

Lab File: BM046213.D

Acq: 23 Jun 2024 01:02

Instrument :

BNA_M

ClientSampleId :

A4BQ4DL

Tgt Ion:	228	Resp:	17420
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.2	37.8
229	22.8	16.3	24.5

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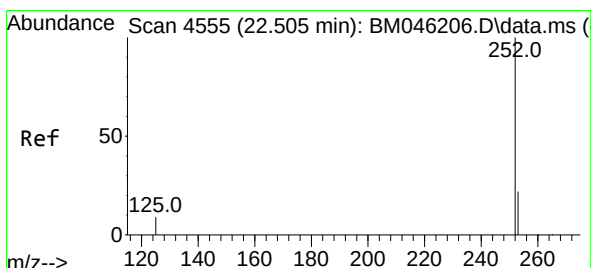
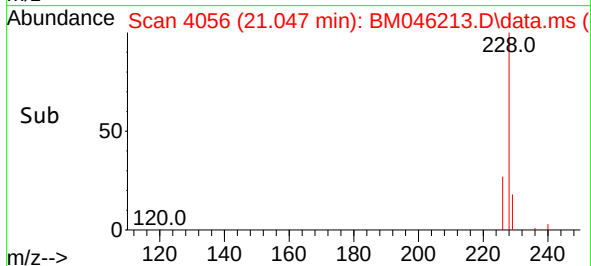
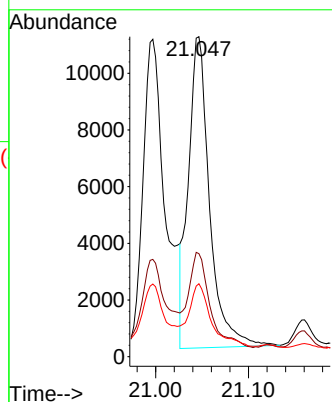
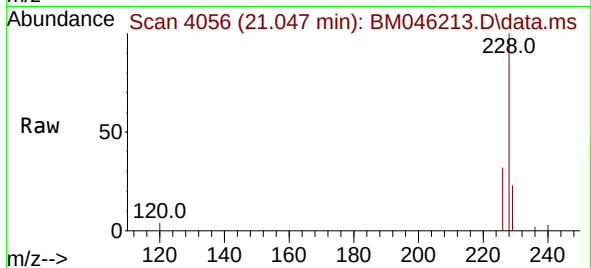
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Supervised By :Jagrut Upadhyay

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#24

Benzo(b)fluoranthene

Concen: 0.882 ng/ul m

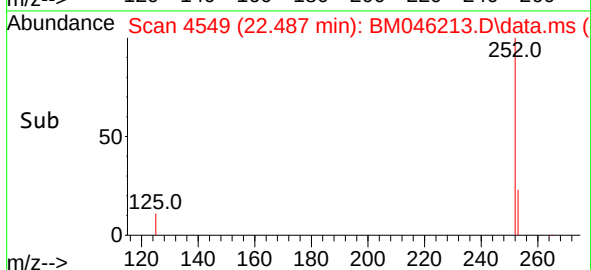
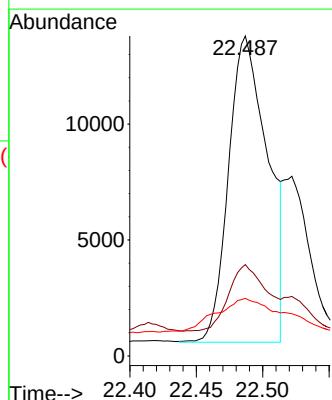
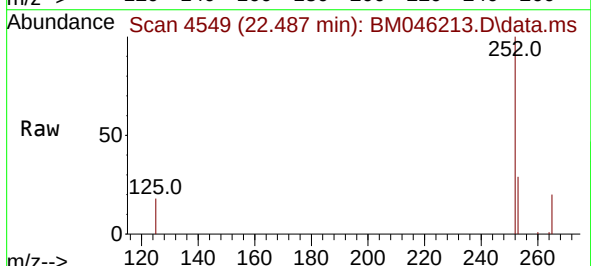
RT: 22.487 min Scan# 4549

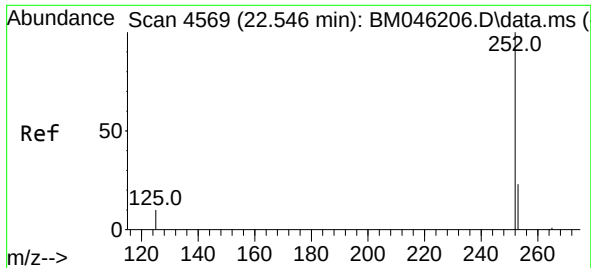
Delta R.T. -0.032 min

Lab File: BM046213.D

Acq: 23 Jun 2024 01:02

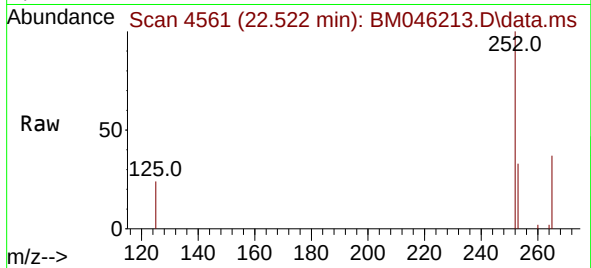
Tgt Ion:	252	Resp:	27055
Ion Ratio	Lower	Upper	
252	100		
253	28.5	0.0	65.8
125	18.0	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

Instrument :
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A4BQ4DL



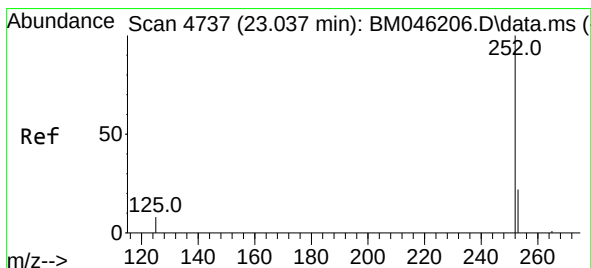
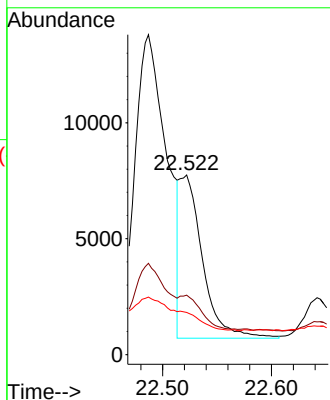
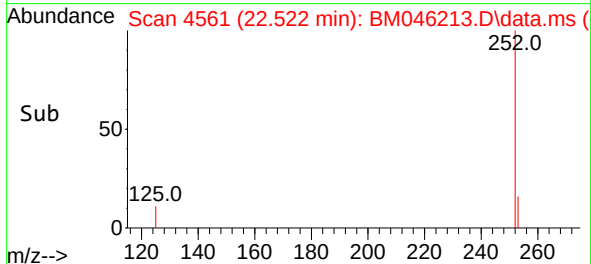
Tgt Ion:252 Resp: 10285
Ion Ratio Lower Upper
252 100
253 33.1 27.2 40.8
125 23.6 16.6 25.0

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

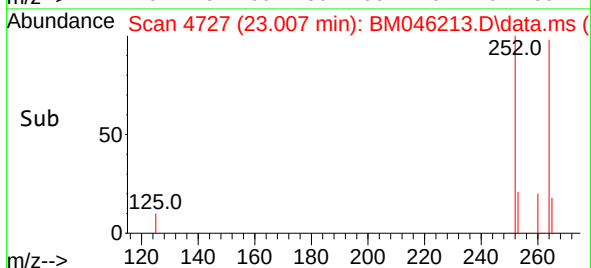
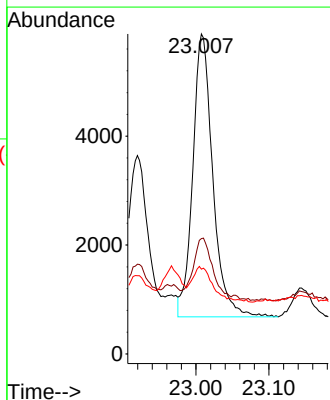
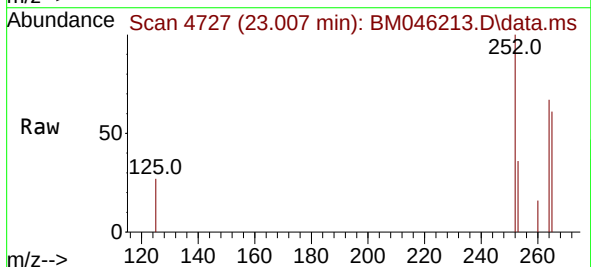
06/24/2024
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Upadhyay

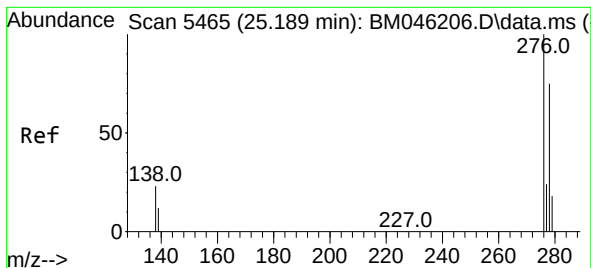
06/24/2024



#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.007 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

Tgt Ion:252 Resp: 9920
Ion Ratio Lower Upper
252 100
253 36.1 32.1 48.1
125 26.5 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.213 ng/ul

RT: 25.148 min Scan# 5453

Delta R.T. -0.054 min

Lab File: BM046213.D

Acq: 23 Jun 2024 01:02

Instrument :

BNA_M

ClientSampleId :

A4BQ4DL

Tgt Ion:276 Resp: 990

Ion	Ratio	Lower	Upper
276	100		
138	21.3	21.0	31.4
227	0.2	0.0	0.0

Manual Integrations

APPROVED

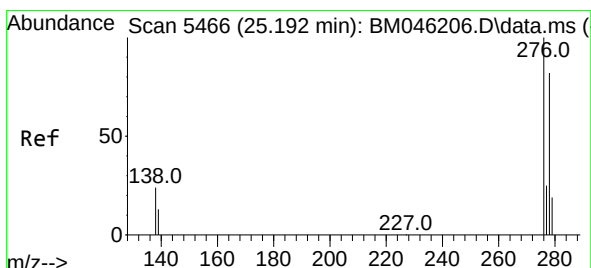
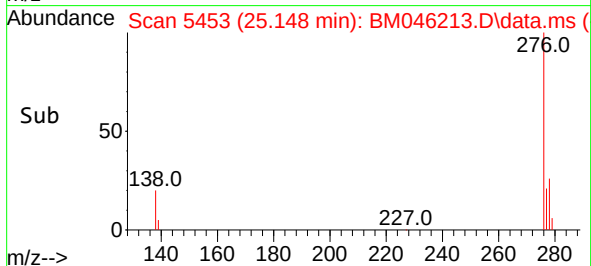
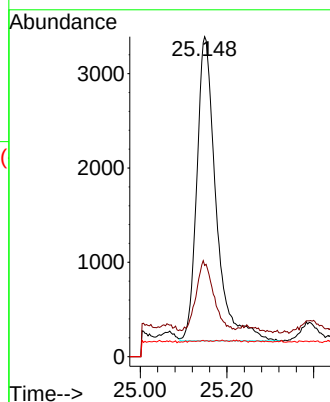
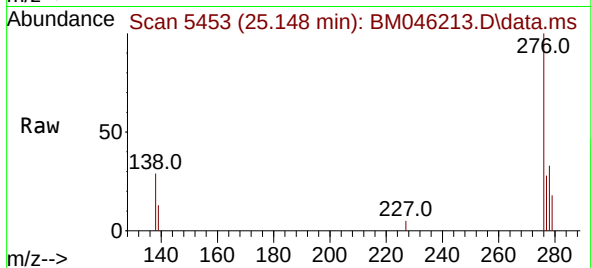
Reviewed By :Yogesh Patel 06/24/2024

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06/24/2024

Supervised By :Jagrut Upadhyay

06/24/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.090 ng/ul

RT: 25.152 min Scan# 5454

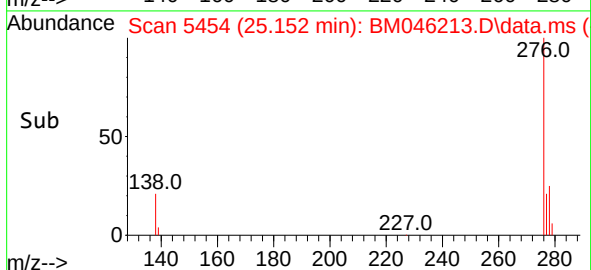
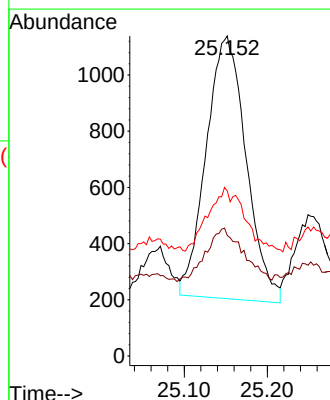
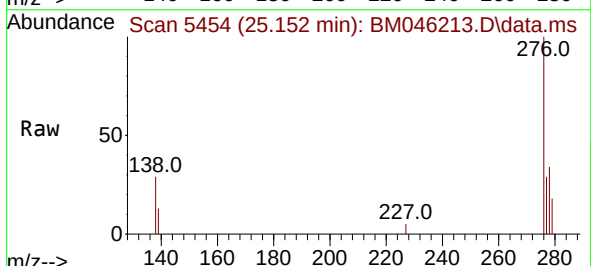
Delta R.T. -0.064 min

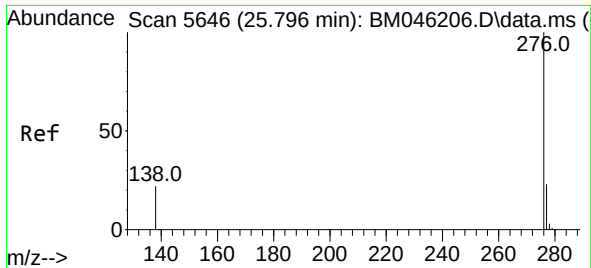
Lab File: BM046213.D

Acq: 23 Jun 2024 01:02

Tgt Ion:278 Resp: 3118

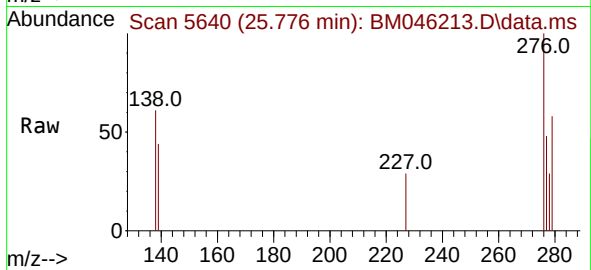
Ion	Ratio	Lower	Upper
278	100		
139	37.7	17.6	26.4#
279	51.6	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 25.776 min Scan# 50
Delta R.T. -0.054 min
Lab File: BM046213.D
Acq: 23 Jun 2024 01:02

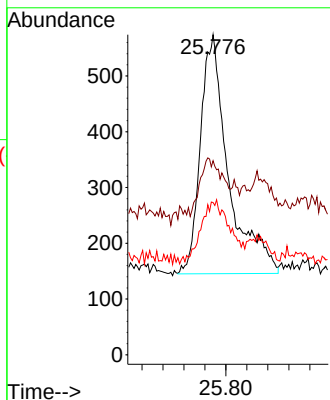
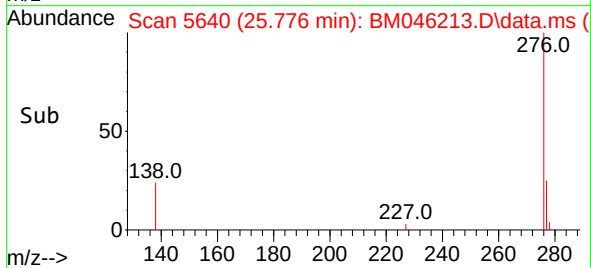
Instrument :
BNA_M
ClientSampleId :
A4BQ4DL



Tgt Ion:276 Resp: 1589
Ion Ratio Lower Upper
276 100
138 60.6 21.7 32.5
277 47.6 20.4 30.6

Manual Integrations
APPROVED

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



06/24/2024
Supervised By :Jagrut
Upadhyay
06/24/2024