

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046231.D
 Acq On : 23 Jun 2024 12:37
 Operator : MA/JU
 Sample : P2776-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA5

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:30:24 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	2976	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	9306	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	5286	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188	11439m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.000	240	9177m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	10560m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12480	3.057	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.789	152	3072	0.246	ng/ul	-0.08
18) Fluoranthene-d10	18.835	212	6872	0.250	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.222	128	2150	0.083	ng/ul#	91
7) 2-Methylnaphthalene	11.866	142	955	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.080	142	673	0.042	ng/ul	98
10) Acenaphthylene	13.771	152	7515	0.300	ng/ul	99
11) Acenaphthene	14.113	153	2022	0.112	ng/ul	97
12) Fluorene	15.108	166	2699	0.139	ng/ul#	98
14) Pentachlorophenol	16.487	266	121	0.035	ng/ul	93
15) Phenanthrene	16.837	178	65419m	2.036	ng/ul	
16) Anthracene	16.930	178	12426m	0.519	ng/ul	
19) Fluoranthene	18.863	202	165085	4.155	ng/ul	97
20) Pyrene	19.225	202	111541	2.596	ng/ul	97
21) Benzo(a)anthracene	20.985	228	67503	1.904	ng/ul	98
22) Chrysene	21.038	228	82645	1.827	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	117649m	3.092	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	46667m	1.032	ng/ul	
26) Benzo(a)pyrene	23.001	252	39252	1.113	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.135	276	45975	0.797	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.135	278	14790	0.344	ng/ul#	54
29) Benzo(g,h,i)perylene	25.755	276	7738	0.156	ng/ul#	77

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

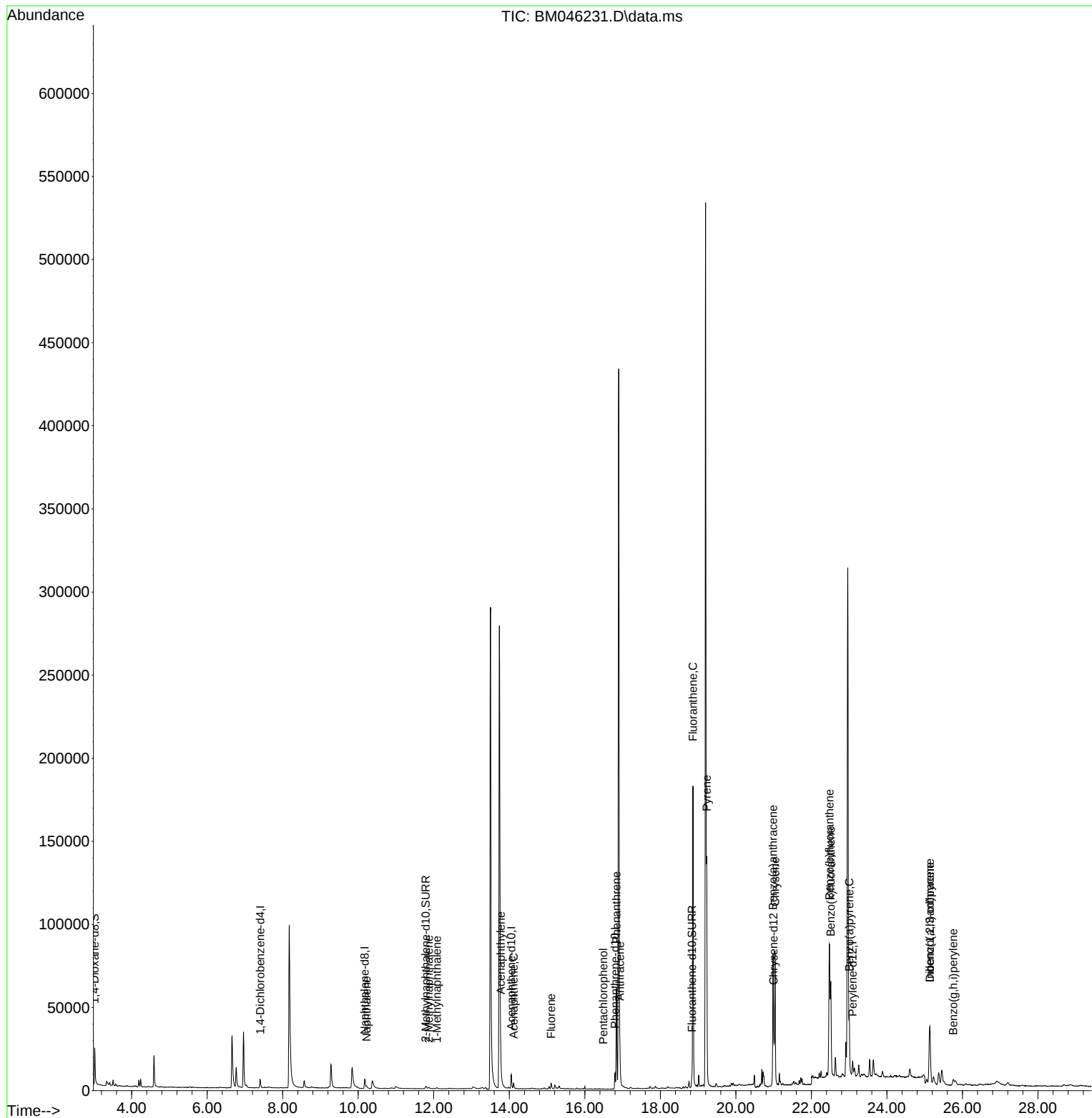
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046231.D
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ALS Vial : 46 Sample Multiplier: 1

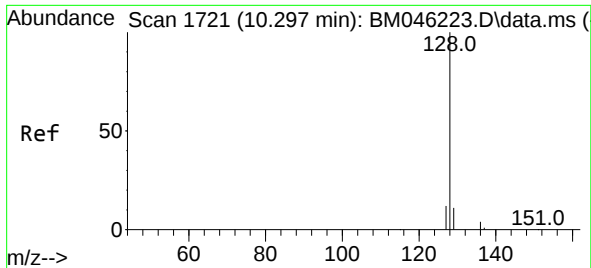
Instrument :
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A4CA5

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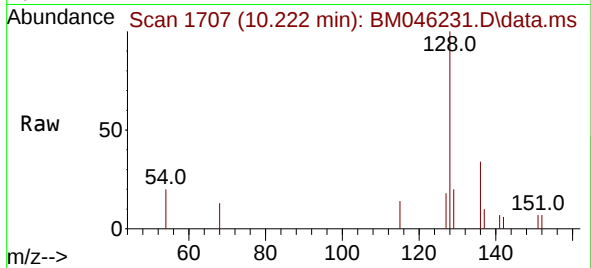
Quant Time: Jun 24 02:30:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.222 min Scan# 1707
Delta R.T. -0.081 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

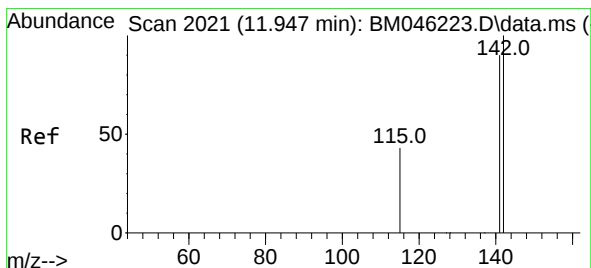
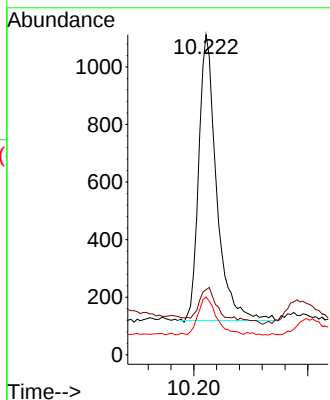
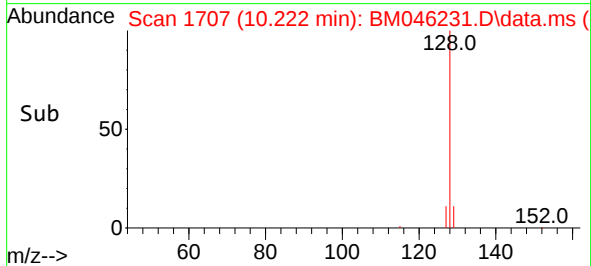
Instrument :
BNA_M
ClientSampleId :
A4CA5



Tgt Ion:128 Resp: 2150
Ion Ratio Lower Upper
128 100
129 20.3 11.8 17.6
127 18.1 12.8 19.2

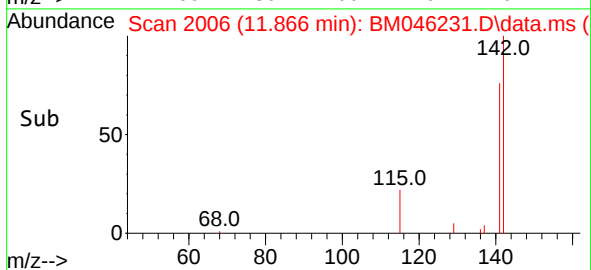
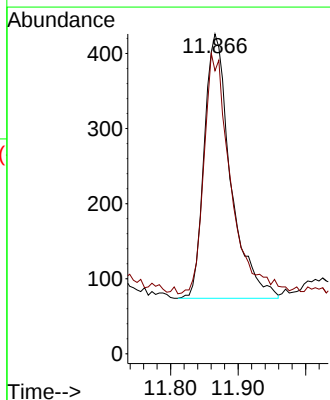
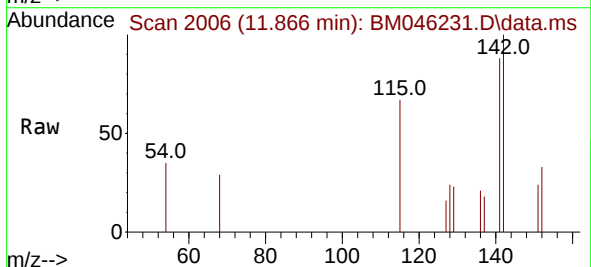
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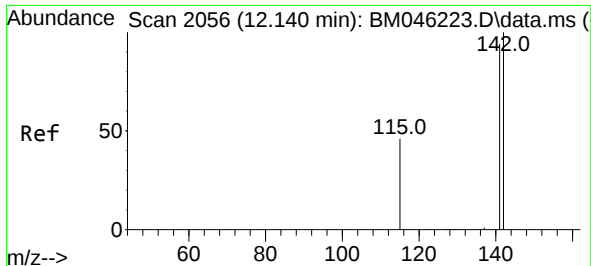
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

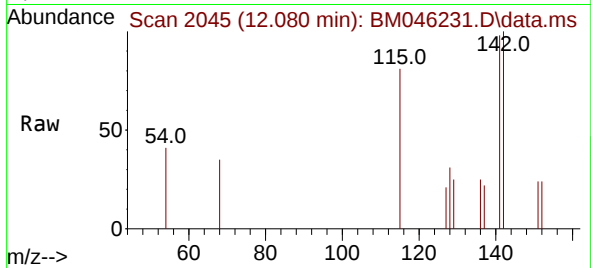
Tgt Ion:142 Resp: 955
Ion Ratio Lower Upper
142 100
141 91.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

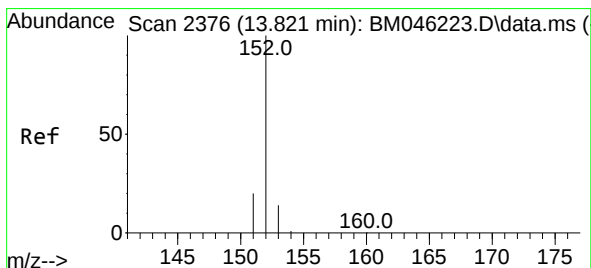
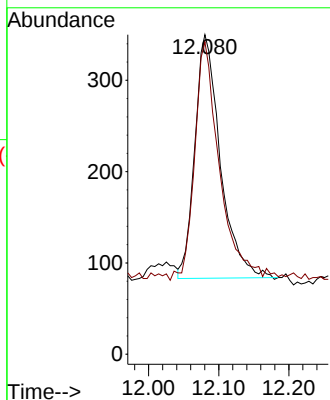
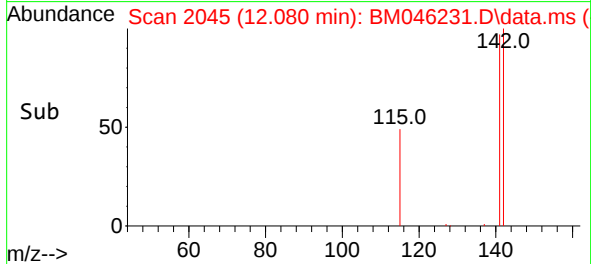
Instrument :
BNA_M
ClientSampleId :
A4CA5



Tgt Ion:142 Resp: 673
Ion Ratio Lower Upper
142 100
141 95.8 75.2 112.8

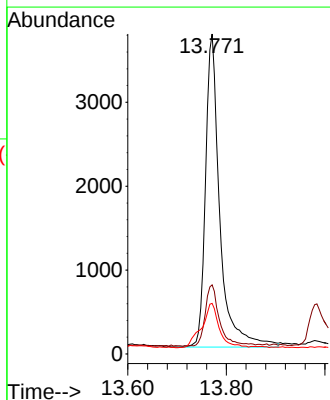
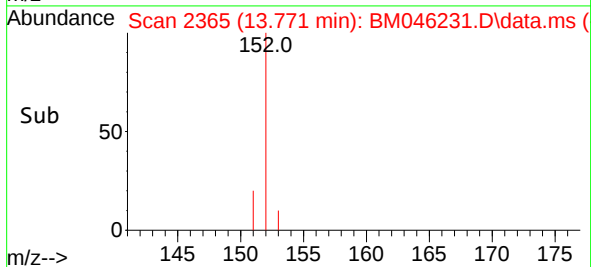
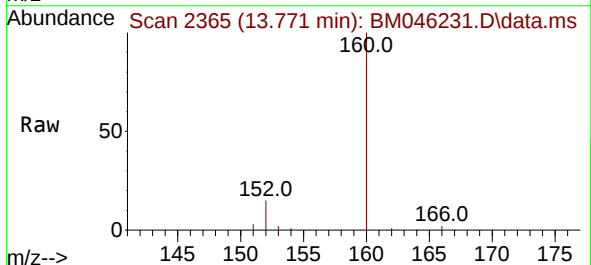
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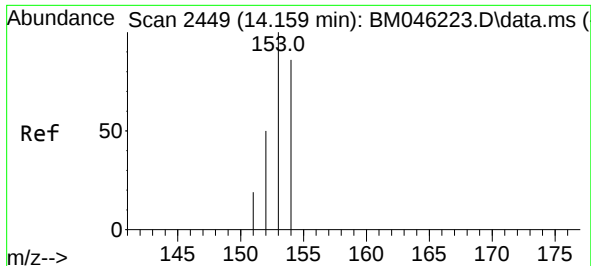
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

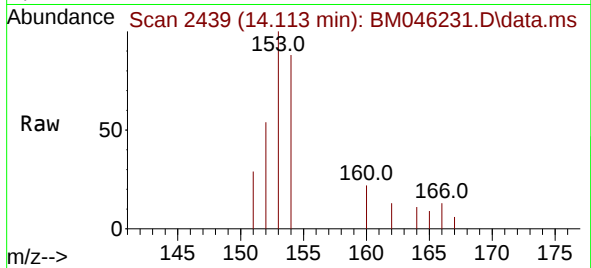
Tgt Ion:152 Resp: 7515
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 15.8 11.8 17.8





#11
Acenaphthene
Concen: 0.112 ng/ul
RT: 14.113 min Scan# 2449
Delta R.T. -0.059 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

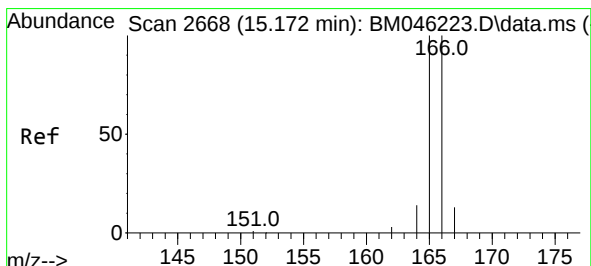
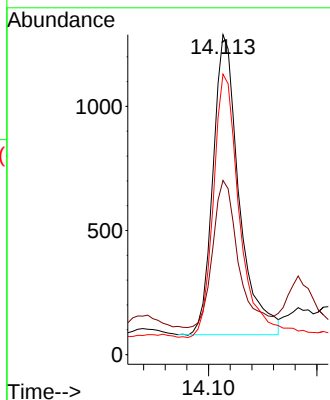
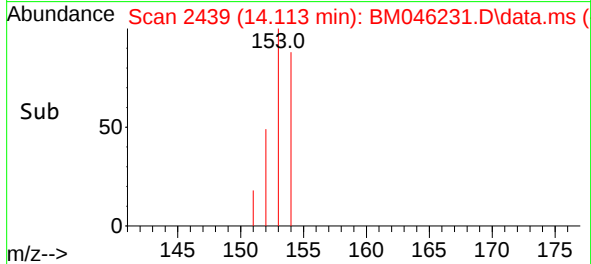
Instrument :
BNA_M
ClientSampleId :
A4CA5



Tgt Ion:153 Resp: 202
Ion Ratio Lower Upper
153 100
152 54.5 41.3 61.9
154 87.7 68.2 102.4

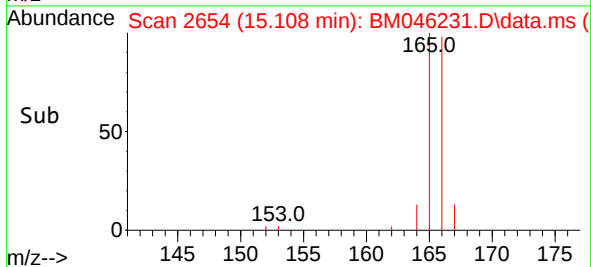
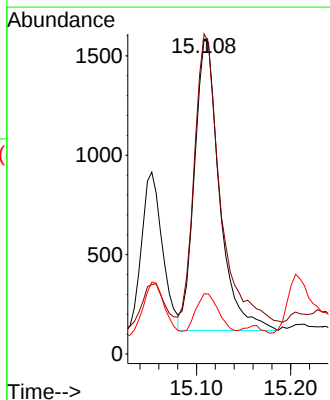
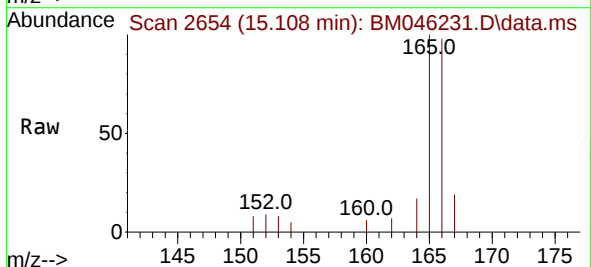
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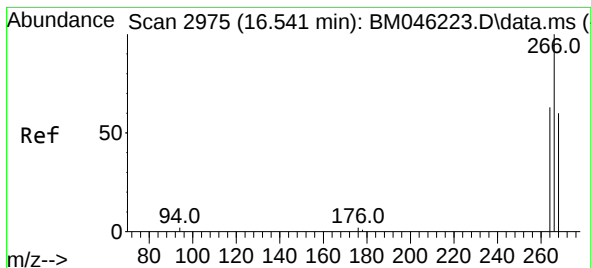
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.139 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Tgt Ion:166 Resp: 2699
Ion Ratio Lower Upper
166 100
165 101.6 80.4 120.6
167 19.1 12.4 18.6#





#14

Pentachlorophenol

Concen: 0.035 ng/ul

RT: 16.487 min Scan# 2975

Delta R.T. -0.079 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Instrument :

BNA_M

ClientSampleId :

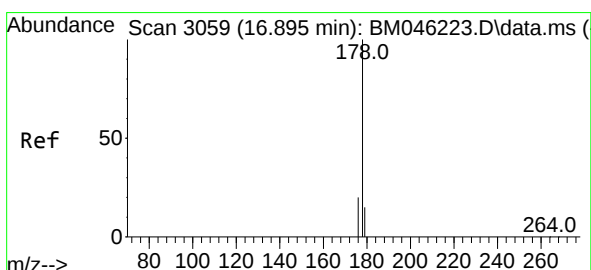
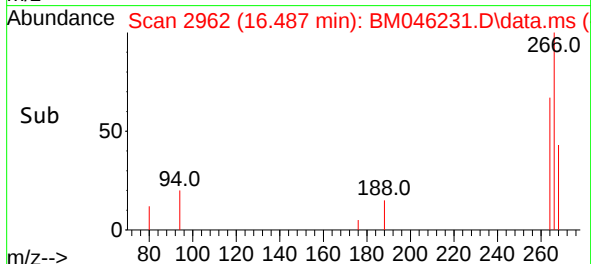
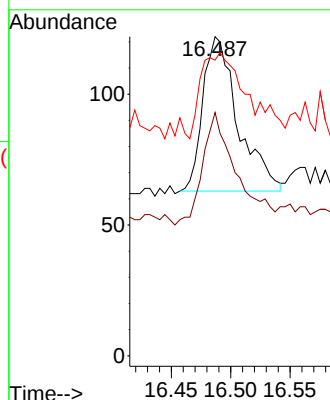
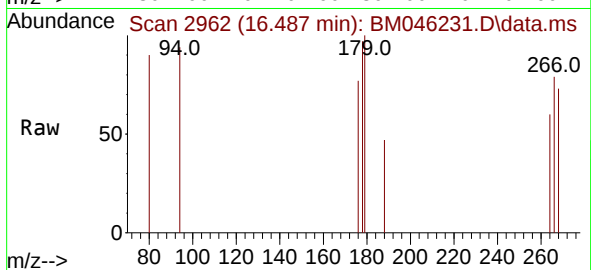
A4CA5

Tgt Ion:266	Resp:	12
Ion Ratio	Lower	Upper
266	100	
264	62.0	50.9 76.3
268	75.2	52.3 78.5

Manual Integrations

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



#15

Phenanthrene

Concen: 2.036 ng/ul m

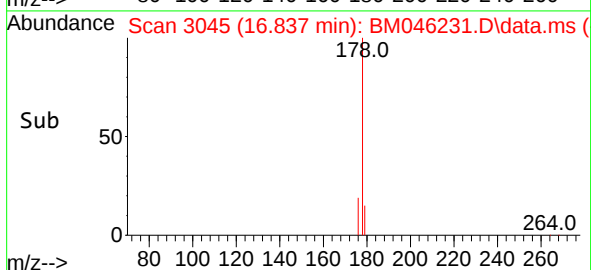
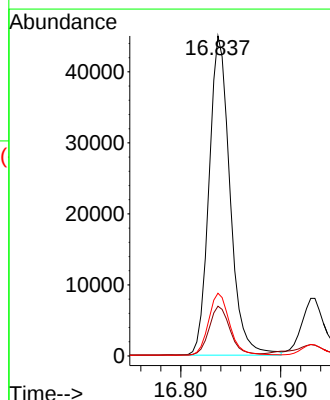
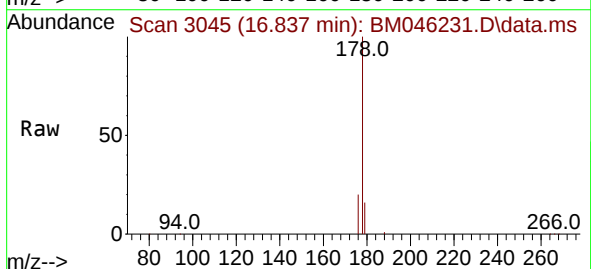
RT: 16.837 min Scan# 3045

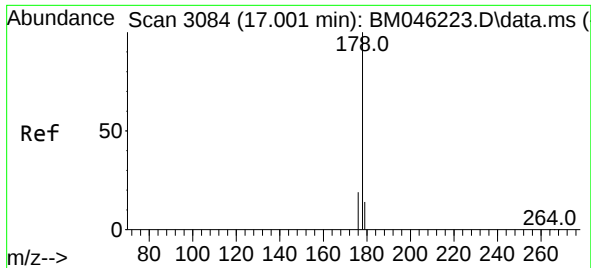
Delta R.T. -0.066 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

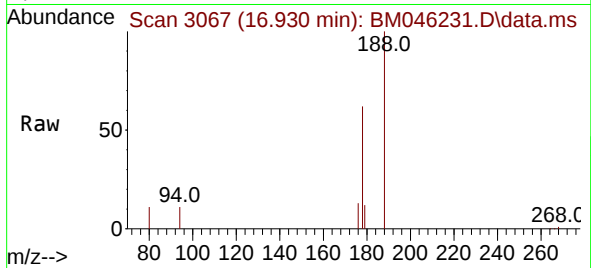
Tgt Ion:178	Resp:	65419
Ion Ratio	Lower	Upper
178	100	
179	15.5	14.2 21.2
176	19.6	17.1 25.7





#16
 Anthracene
 Concen: 0.519 ng/ul m
 RT: 16.930 min Scan# 3084
 Delta R.T. -0.075 min
 Lab File: BM046231.D
 Acq: 23 Jun 2024 12:37

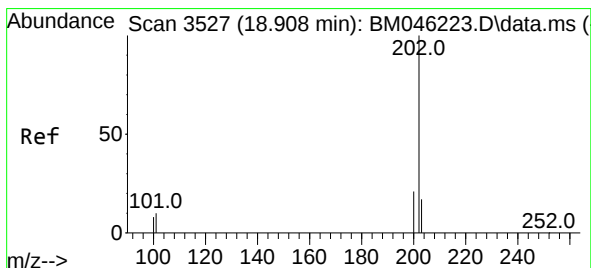
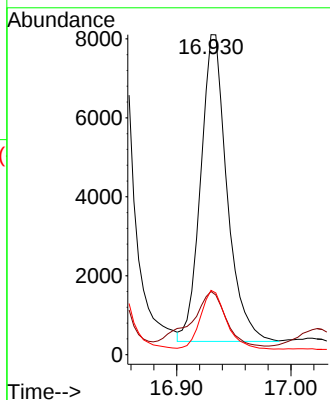
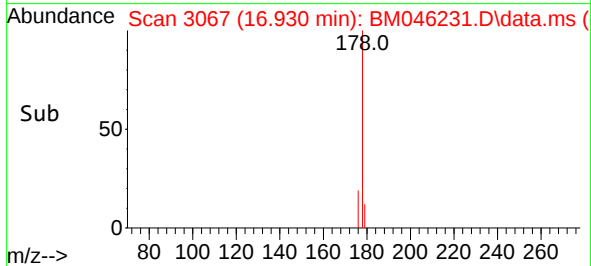
Instrument :
 BNA_M
 ClientSampleId :
 A4CA5



Tgt Ion:178 Resp: 12420
 Ion Ratio Lower Upper
 178 100
 179 19.7 14.9 22.3
 176 20.1 17.0 25.4

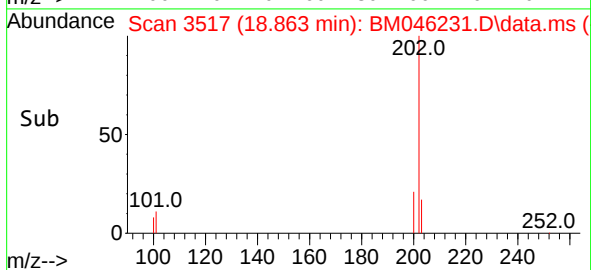
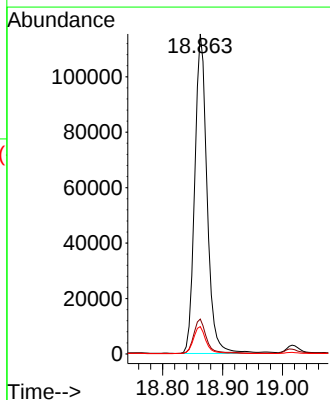
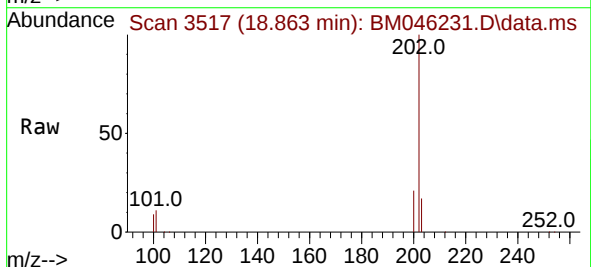
Manual Integrations
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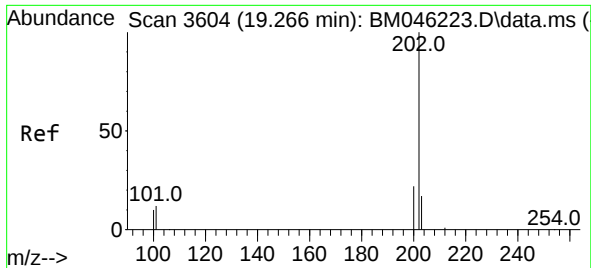
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 4.155 ng/ul
 RT: 18.863 min Scan# 3517
 Delta R.T. -0.055 min
 Lab File: BM046231.D
 Acq: 23 Jun 2024 12:37

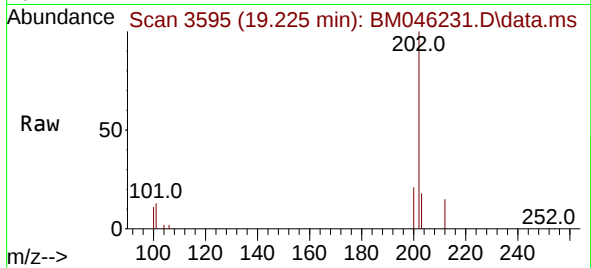
Tgt Ion:202 Resp: 165085
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.6 14.4
 100 8.6 7.6 11.4





#20
Pyrene
Concen: 2.596 ng/ul
RT: 19.225 min Scan# 31
Delta R.T. -0.050 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

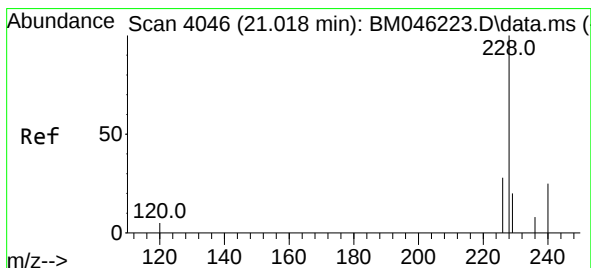
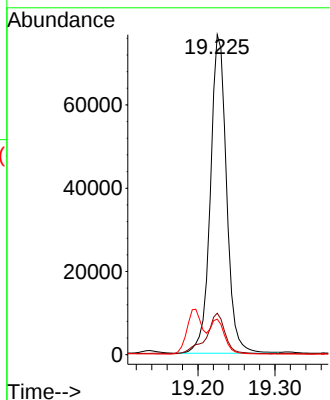
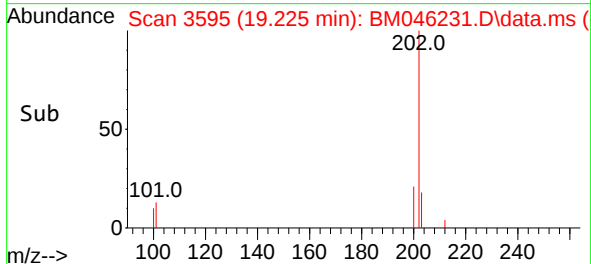
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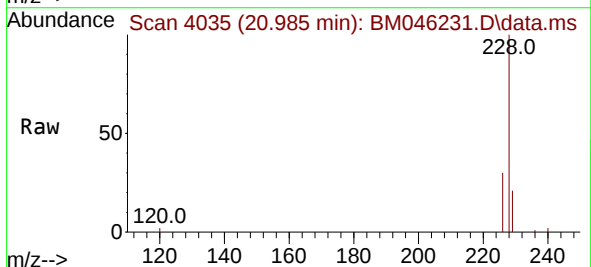
Tgt Ion:202 Resp: 11154
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 11.1 9.8 14.6

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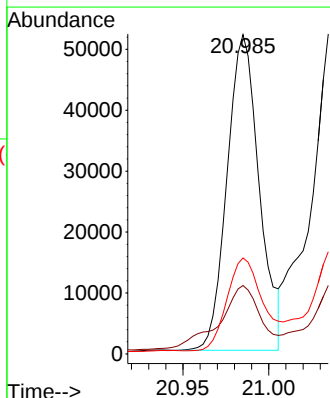
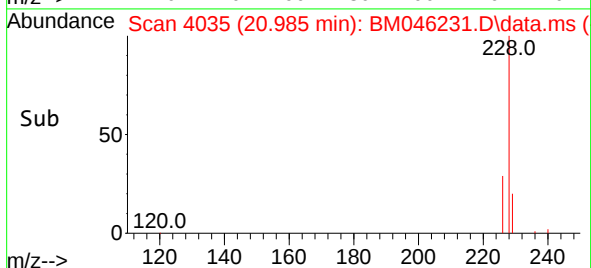
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

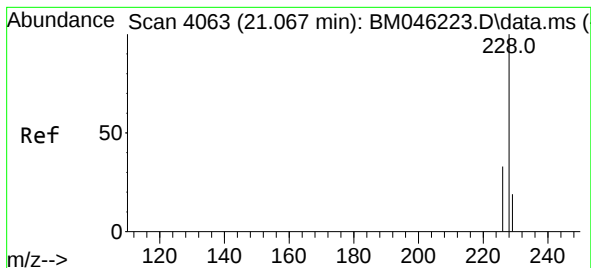


#21
Benzo(a)anthracene
Concen: 1.904 ng/ul
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37



Tgt Ion:228 Resp: 67503
Ion Ratio Lower Upper
228 100
229 21.4 16.4 24.6
226 30.1 23.4 35.2





#22

Chrysene

Concen: 1.827 ng/ul

RT: 21.038 min Scan# 4063

Delta R.T. -0.038 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

Instrument :

BNA_M

ClientSampleId :

A4CA5

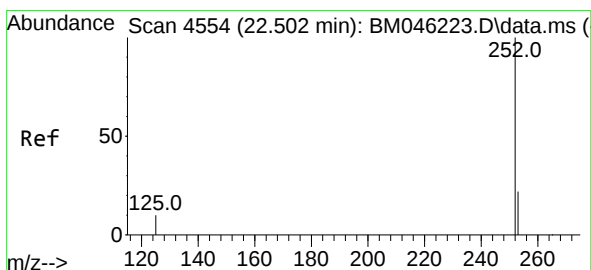
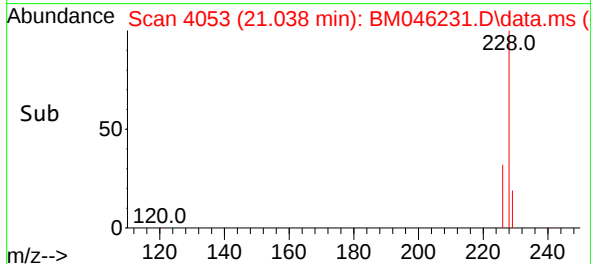
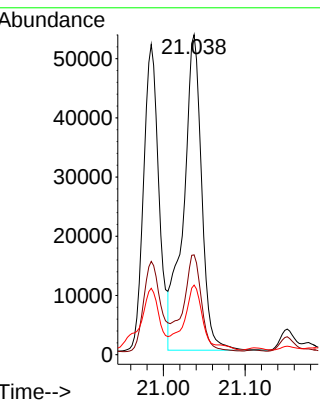
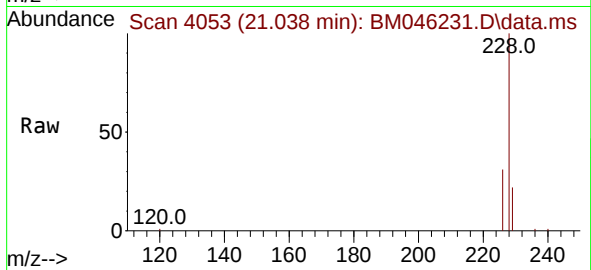
Tgt Ion:228	Resp:	82649
Ion Ratio	Lower	Upper
228	100	
226	31.2	25.2 37.8
229	21.7	16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#24

Benzo(b)fluoranthene

Concen: 3.092 ng/ul m

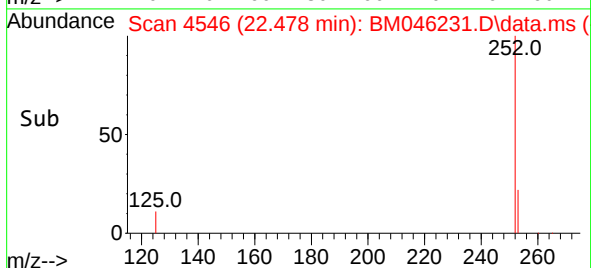
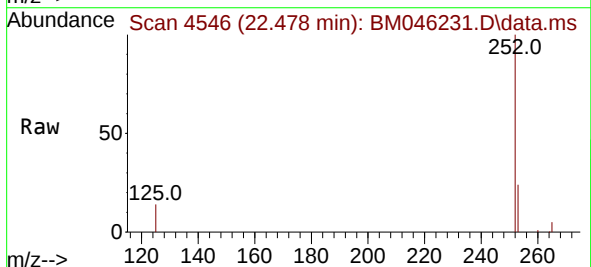
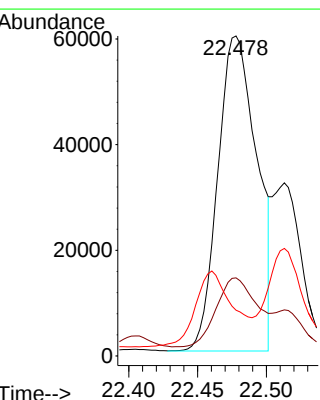
RT: 22.478 min Scan# 4546

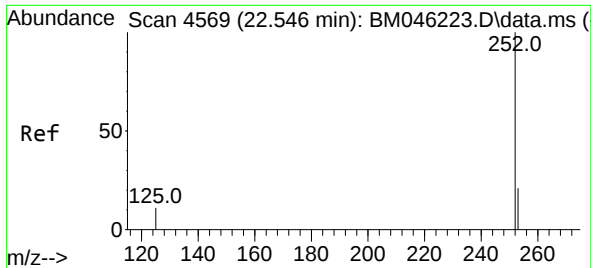
Delta R.T. -0.041 min

Lab File: BM046231.D

Acq: 23 Jun 2024 12:37

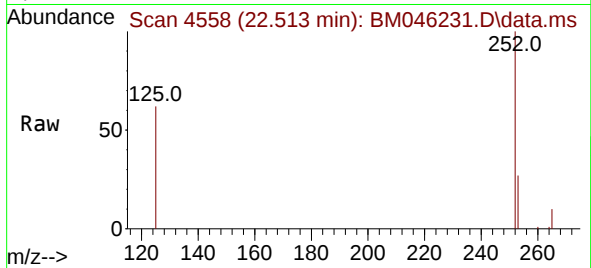
Tgt Ion:252	Resp:	117649
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 65.8
125	14.3	0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 1.032 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

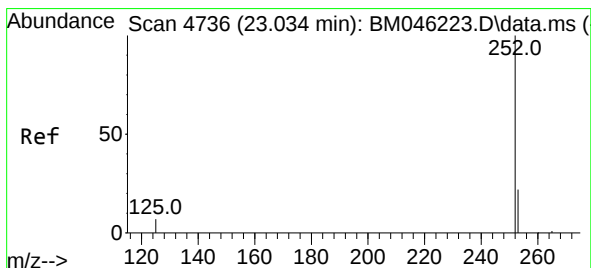
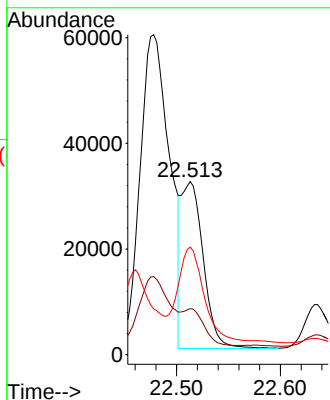
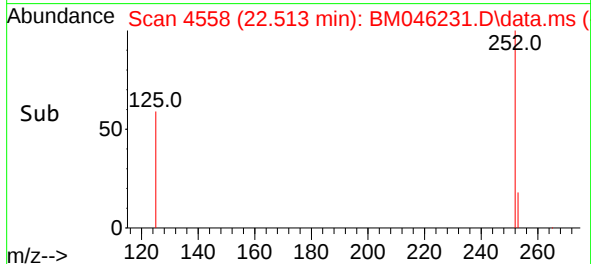
Instrument :
BNA_M
ClientSampleId :
A4CA5



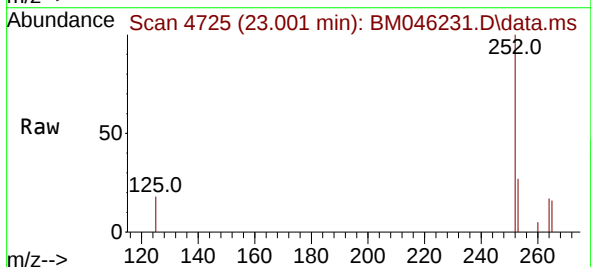
Tgt Ion:252 Resp: 4666
Ion Ratio Lower Upper
252 100
253 26.6 27.2 40.8
125 62.1 16.6 25.0

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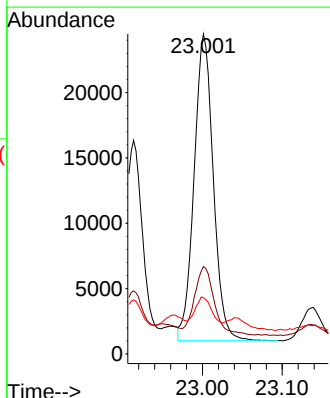
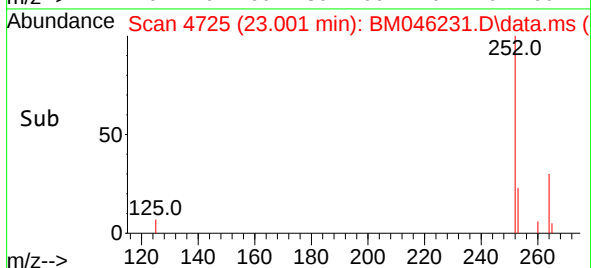
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

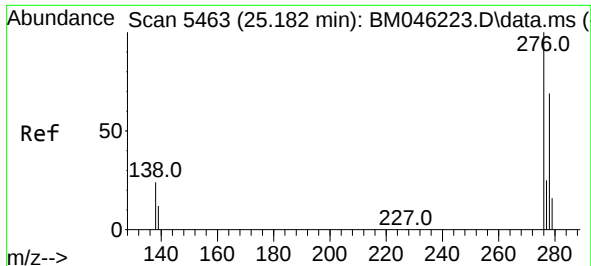


#26
Benzo(a)pyrene
Concen: 1.113 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37



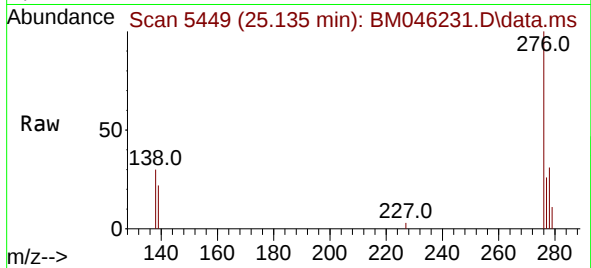
Tgt Ion:252 Resp: 39252
Ion Ratio Lower Upper
252 100
253 27.4 32.1 48.1#
125 17.6 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.797 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.068 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

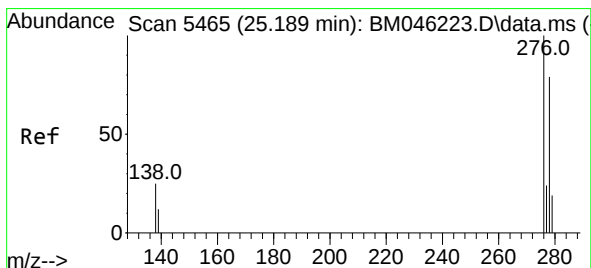
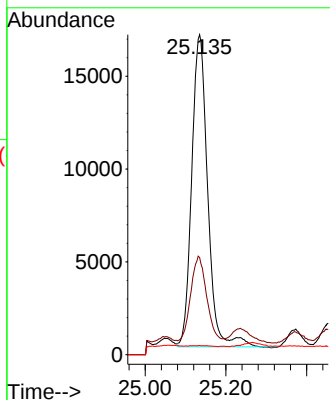
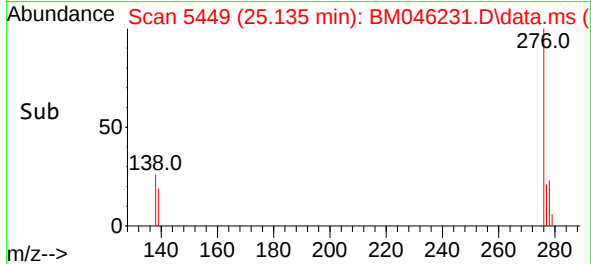
Instrument :
BNA_M
ClientSampleId :
A4CA5



Tgt Ion:276 Resp: 45975
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
227 0.0 0.0 0.0

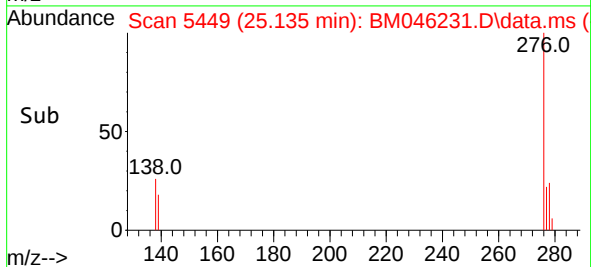
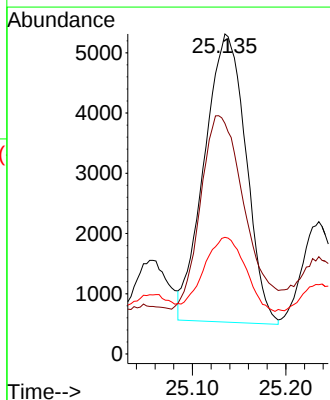
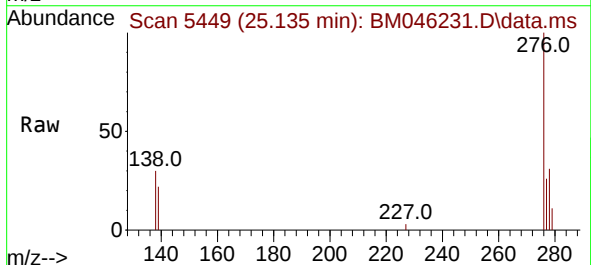
Manual Integrations
APPROVED

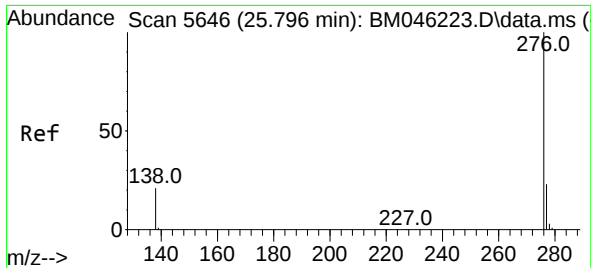
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

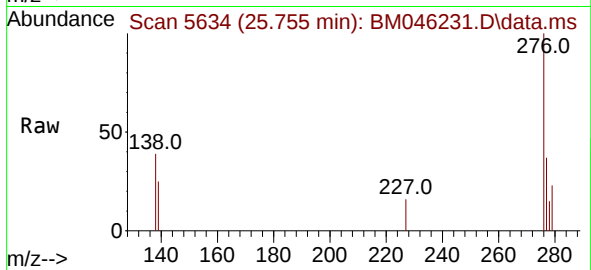
Tgt Ion:278 Resp: 14790
Ion Ratio Lower Upper
278 100
139 72.0 17.6 26.4#
279 36.4 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 25.755 min Scan# 50
Delta R.T. -0.074 min
Lab File: BM046231.D
Acq: 23 Jun 2024 12:37

Instrument :
BNA_M
ClientSampleId :
A4CA5



Tgt Ion:276 Resp: 7738
Ion Ratio Lower Upper
276 100
138 39.5 21.7 32.5
277 37.1 20.4 30.6

Manual Integrations
APPROVED

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

