

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046131.D
 Acq On : 20 Jun 2024 20:01
 Operator : MA/JU
 Sample : P2710-22MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B87MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:48:44 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	2481	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.215	136	7308	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.075	164	4197	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	9183	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6546m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	10439	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	1640	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	3065	0.312	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	8222	0.419	ng/ul	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.067	88	4418	1.157	ng/ul	84
5) Naphthalene	10.259	128	24858	1.220	ng/ul	94
7) 2-Methylnaphthalene	11.887	142	11453	0.998	ng/ul	96
8) 1-Methylnaphthalene	12.101	142	10903	0.866	ng/ul	98
10) Acenaphthylene	13.793	152	39518	1.985	ng/ul	97
11) Acenaphthene	14.135	153	39221	2.729	ng/ul	98
12) Fluorene	15.130	166	49610	3.217	ng/ul	99
14) Pentachlorophenol	16.498	266	1302	0.473	ng/ul	97
15) Phenanthrene	16.853	178	819365	31.758	ng/ul	95
16) Anthracene	16.946	178	160703	8.364	ng/ul	95
19) Fluoranthene	18.875	202	1335059	47.104	ng/ul	96
20) Pyrene	19.238	202	925046	30.179	ng/ul	95
21) Benzo(a)anthracene	20.994	228	604654	23.914	ng/ul	99
22) Chrysene	21.044	228	590632m	18.304	ng/ul	
24) Benzo(b)fluoranthene	22.490	252	797598m	21.207	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	303460m	6.787	ng/ul	
26) Benzo(a)pyrene	23.017	252	303249m	8.702	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.149	276	282514	4.953	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.152	278	107836	2.539	ng/ul	92
29) Benzo(g,h,i)perylene	25.776	276	40010	0.818	ng/ul	96

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

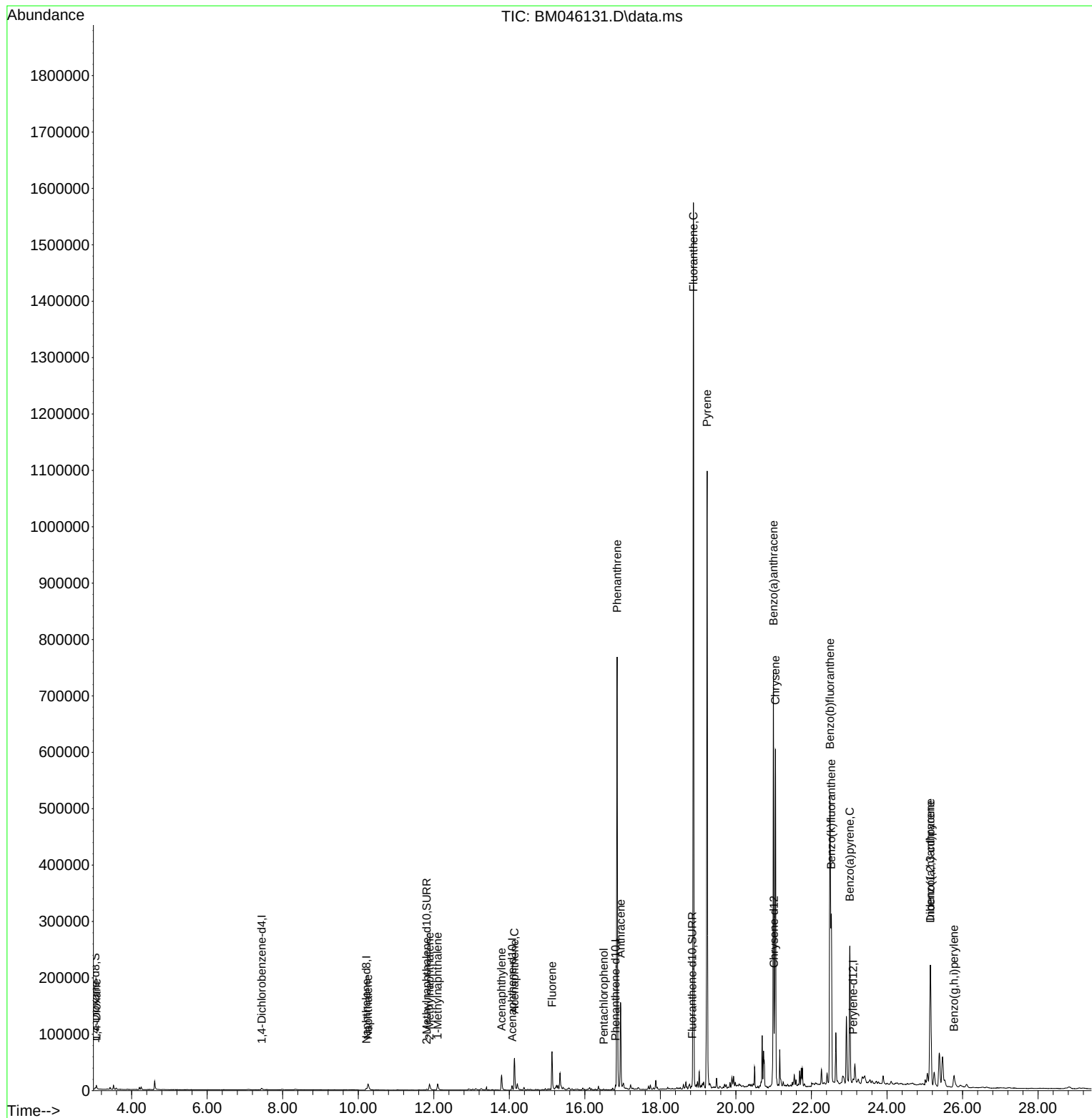
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046131.D
Acq On : 20 Jun 2024 20:01
Operator : MA/JU
Sample : P2710-22MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

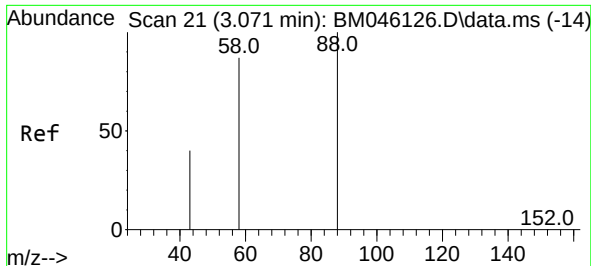
Instrument :
BNA_M
ClientSampleId :
A4B87MS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

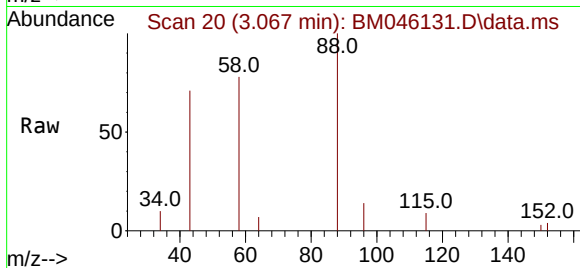
Quant Time: Jun 21 02:48:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.157 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

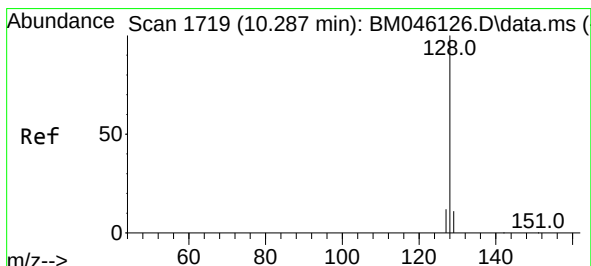
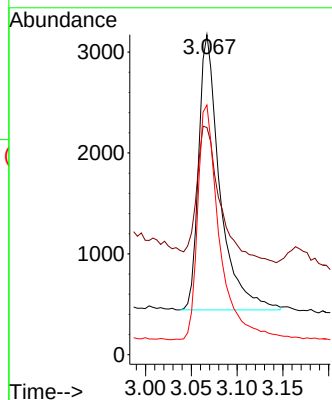
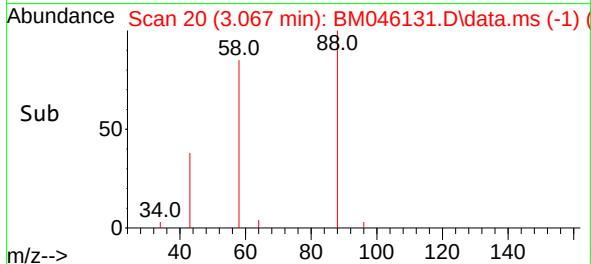
Instrument :
BNA_M
ClientSampleId :
A4B87MS



Tgt Ion: 88 Resp: 4418
Ion Ratio Lower Upper
88 100
43 71.0 69.8 104.8
58 78.0 53.2 79.8

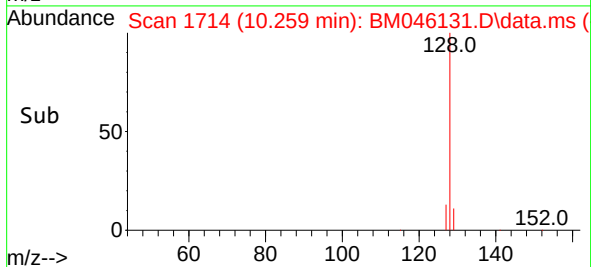
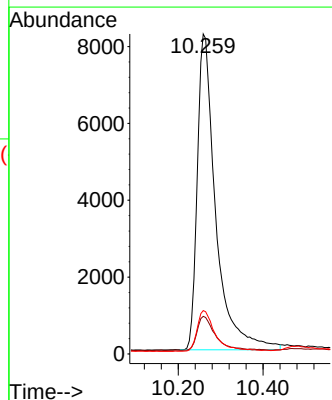
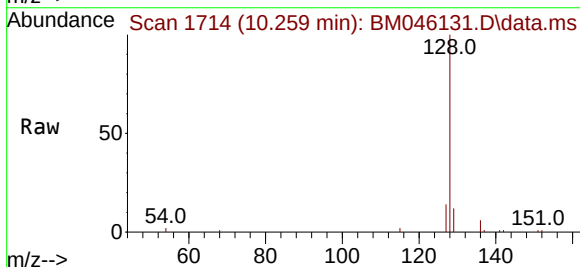
Manual Integrations
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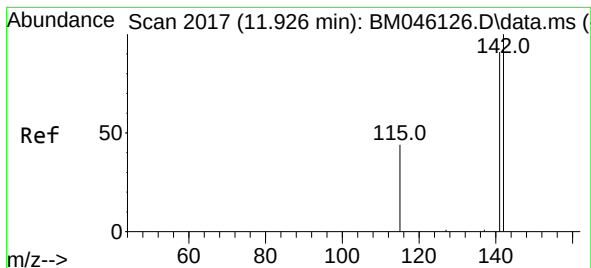
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#5
Naphthalene
Concen: 1.220 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

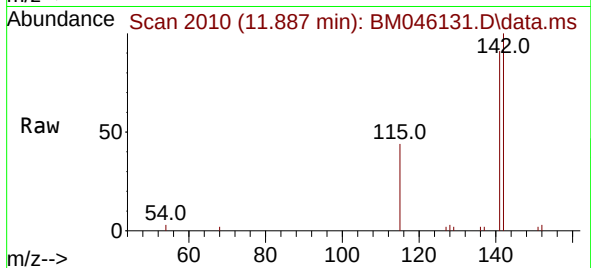
Tgt Ion:128 Resp: 24858
Ion Ratio Lower Upper
128 100
129 11.8 11.8 17.6
127 13.5 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.998 ng/ul
RT: 11.887 min Scan# 2010
Delta R.T. -0.060 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

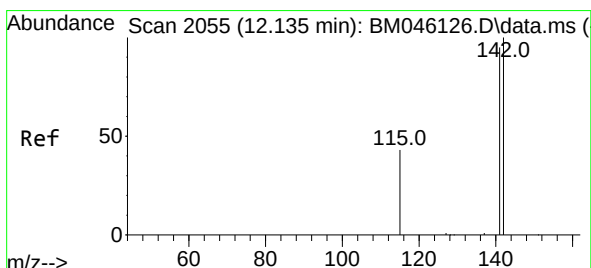
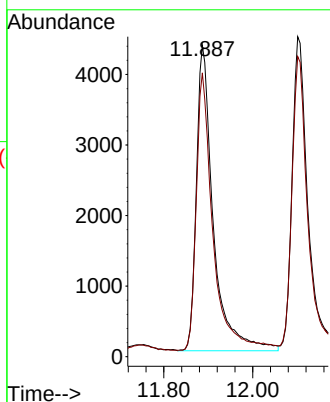
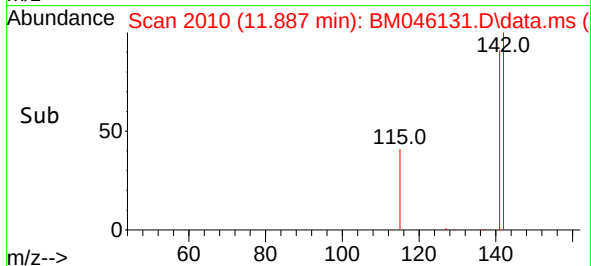
Instrument :
BNA_M
ClientSampleId :
A4B87MS



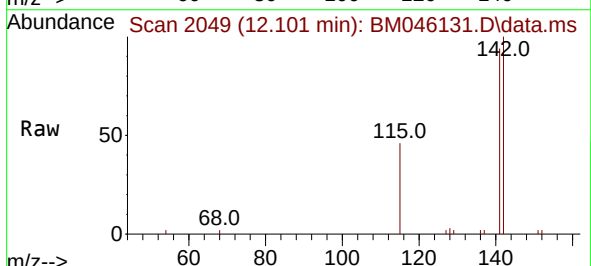
Tgt Ion:142 Resp: 1145
Ion Ratio Lower Upper
142 100
141 89.5 74.6 111.8

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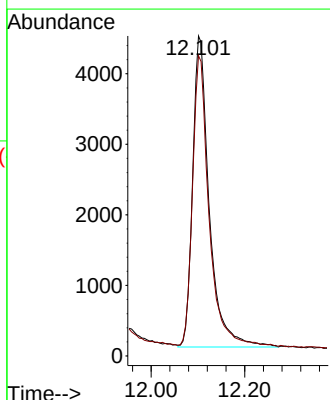
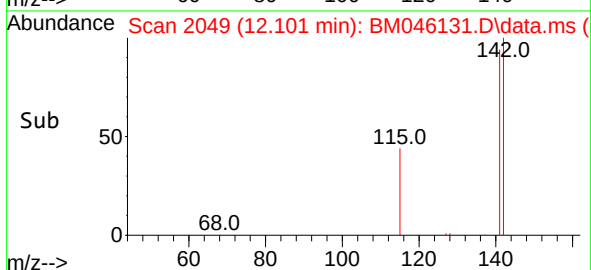
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

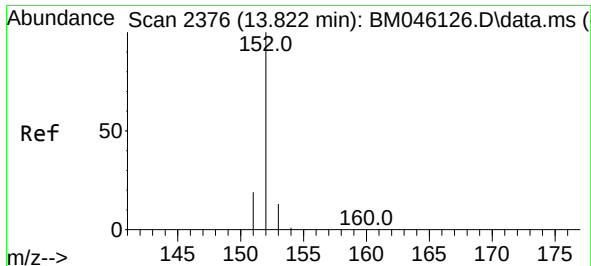


#8
1-Methylnaphthalene
Concen: 0.866 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.049 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01



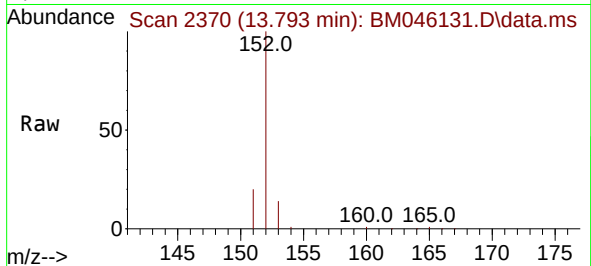
Tgt Ion:142 Resp: 10903
Ion Ratio Lower Upper
142 100
141 92.5 75.2 112.8





#10
Acenaphthylene
Concen: 1.985 ng/ul
RT: 13.793 min Scan# 21
Delta R.T. -0.042 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

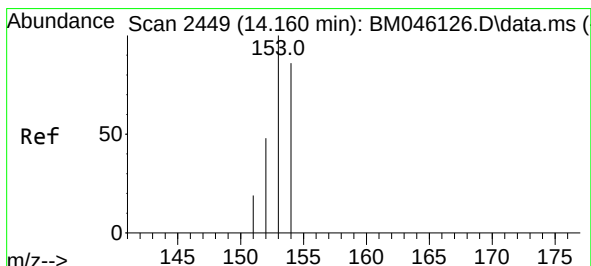
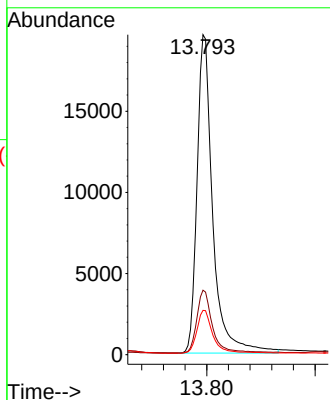
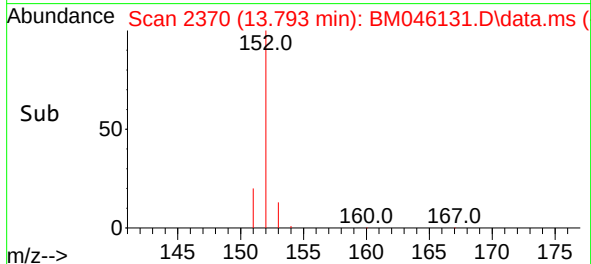
Instrument :
BNA_M
ClientSampleId :
A4B87MS



Tgt Ion:152 Resp: 39518
Ion Ratio Lower Upper
152 100
151 20.2 17.4 26.2
153 13.9 11.8 17.8

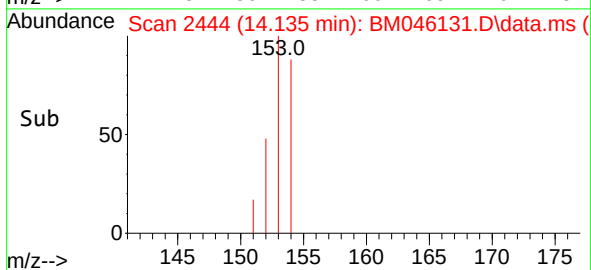
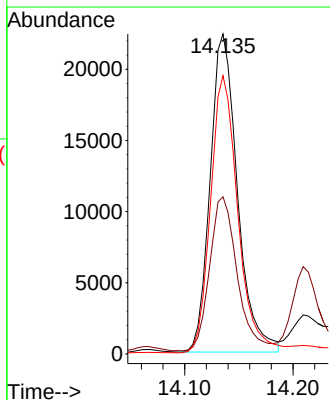
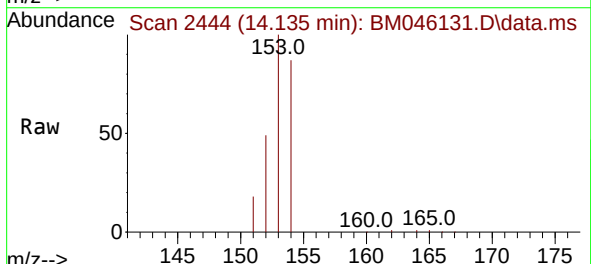
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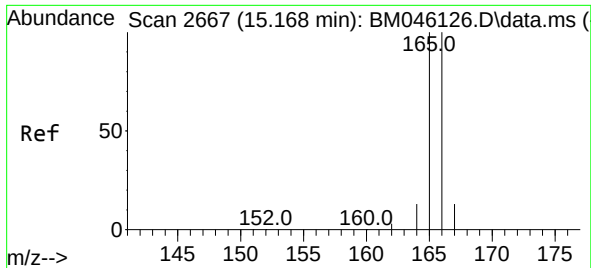
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 2.729 ng/ul
RT: 14.135 min Scan# 2444
Delta R.T. -0.037 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

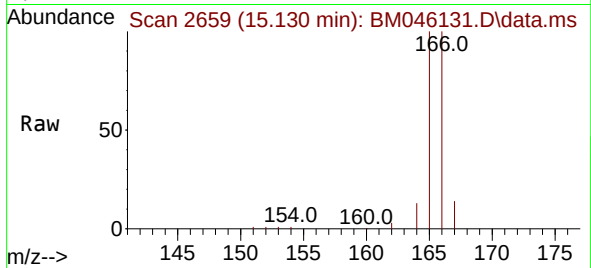
Tgt Ion:153 Resp: 39221
Ion Ratio Lower Upper
153 100
152 49.1 41.3 61.9
154 86.9 68.2 102.4





#12
Fluorene
Concen: 3.217 ng/ul
RT: 15.130 min Scan# 20659
Delta R.T. -0.051 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

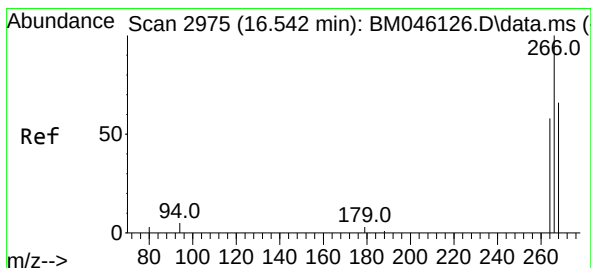
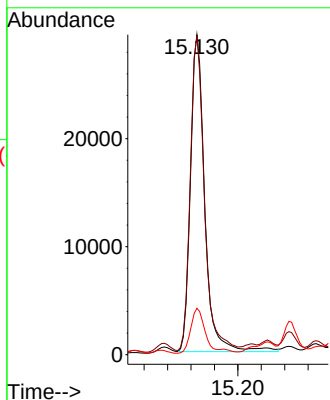
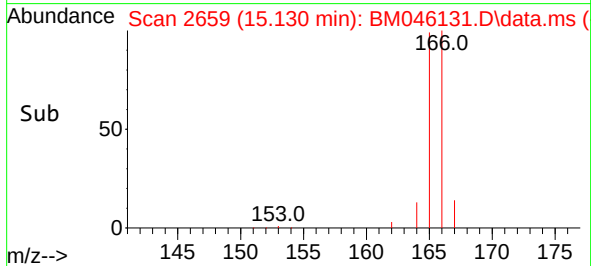
Instrument :
BNA_M
ClientSampleId :
A4B87MS



Tgt Ion:166 Resp: 49610
Ion Ratio Lower Upper
166 100
165 99.7 80.4 120.6
167 14.5 12.4 18.6

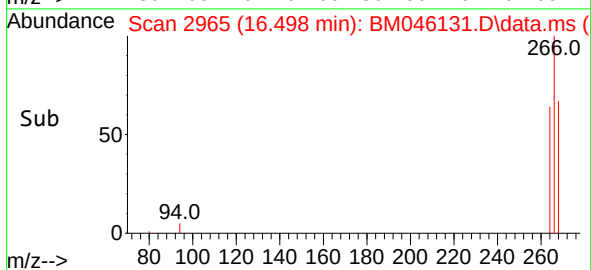
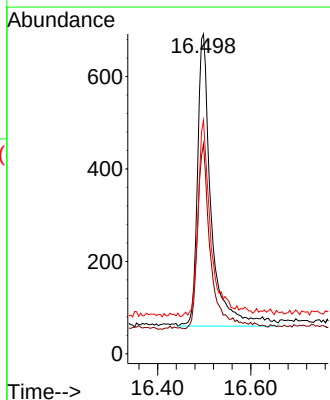
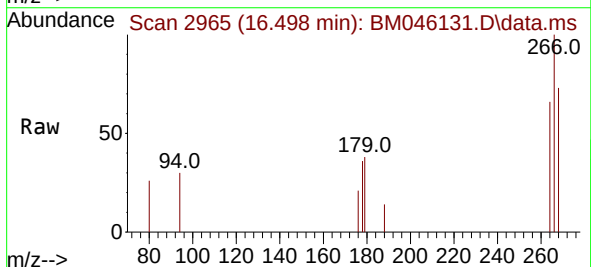
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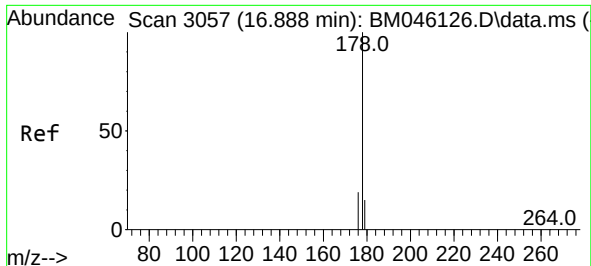
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#14
Pentachlorophenol
Concen: 0.473 ng/ul
RT: 16.498 min Scan# 2965
Delta R.T. -0.067 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

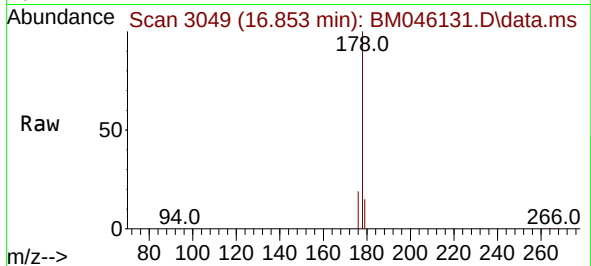
Tgt Ion:266 Resp: 1302
Ion Ratio Lower Upper
266 100
264 60.6 50.9 76.3
268 62.9 52.3 78.5





#15
Phenanthrene
Concen: 31.758 ng/uI
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

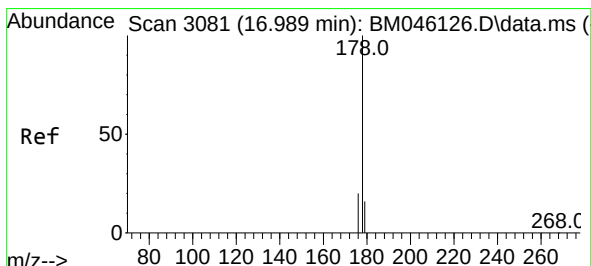
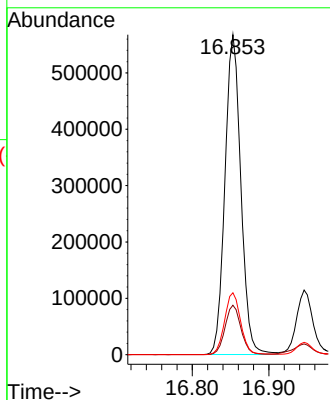
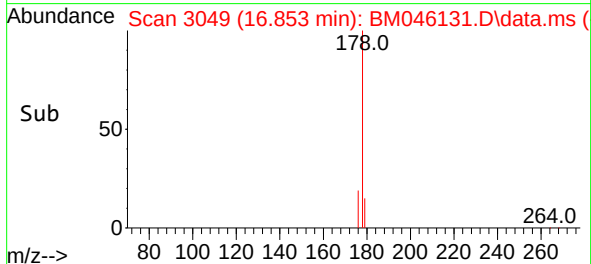
Instrument :
BNA_M
ClientSampleId :
A4B87MS



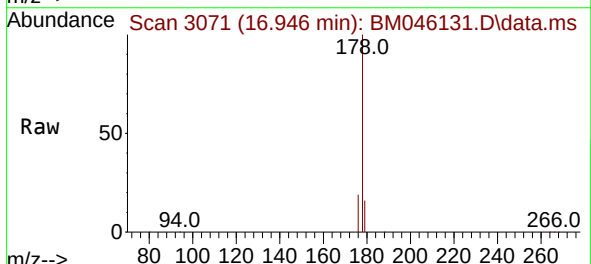
Tgt Ion:178 Resp: 81936
Ion Ratio Lower Upper
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179 15.4 14.2 21.2
176 19.4 17.1 25.7

Manual Integrations
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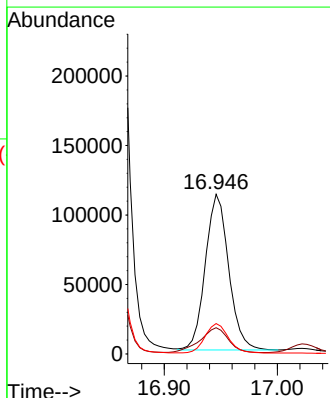
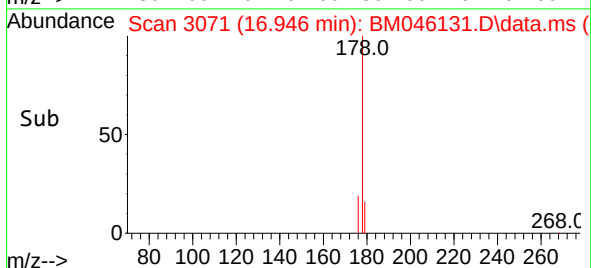
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

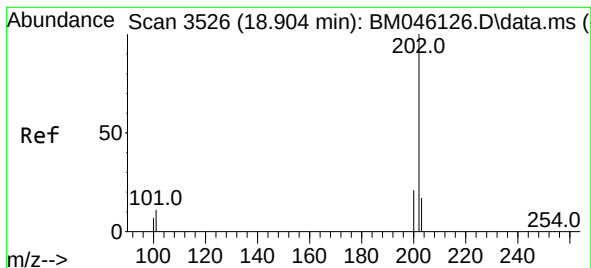


#16
Anthracene
Concen: 8.364 ng/uI
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01



Tgt Ion:178 Resp: 160703
Ion Ratio Lower Upper
178 100
179 16.5 14.9 22.3
176 19.0 17.0 25.4





#19

Fluoranthene

Concen: 47.104 ng/ul

RT: 18.875 min Scan# 3520

Delta R.T. -0.042 min

Lab File: BM046131.D

Acq: 20 Jun 2024 20:01

Instrument :

BNA_M

ClientSampleId :

A4B87MS

Tgt Ion:202 Resp: 133505

Ion Ratio Lower Upper

202 100

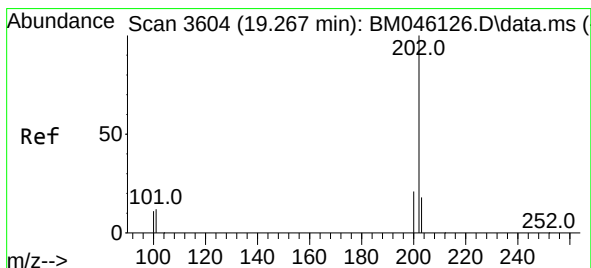
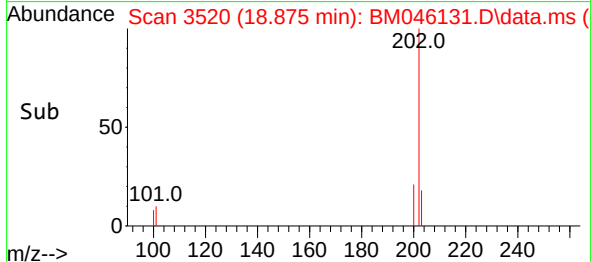
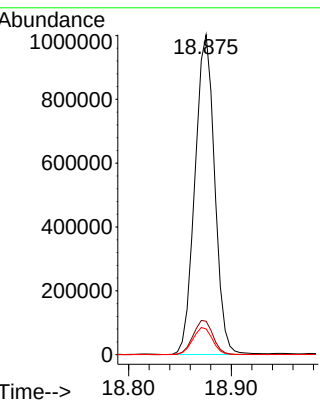
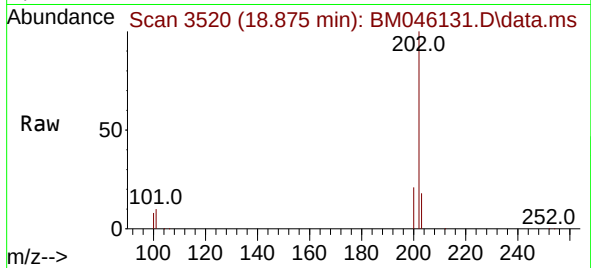
101 10.4 9.6 14.4

100 8.0 7.6 11.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20

Pyrene

Concen: 30.179 ng/ul

RT: 19.238 min Scan# 3598

Delta R.T. -0.037 min

Lab File: BM046131.D

Acq: 20 Jun 2024 20:01

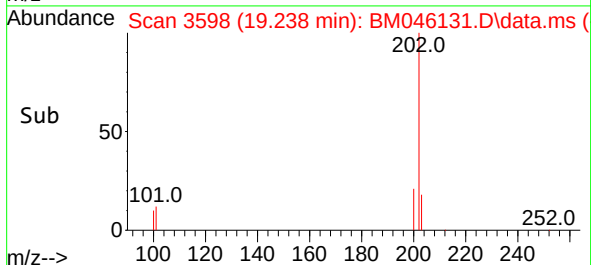
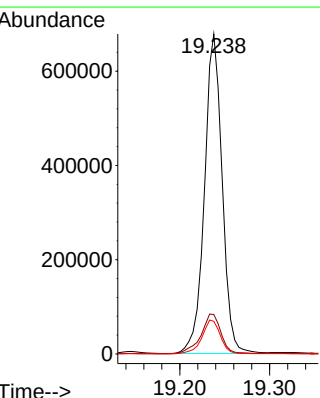
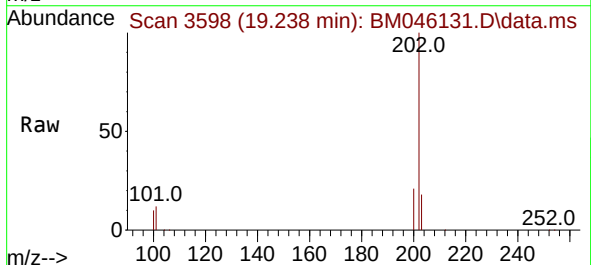
Tgt Ion:202 Resp: 925046

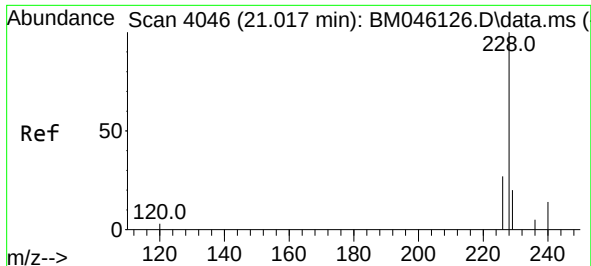
Ion Ratio Lower Upper

202 100

101 12.4 11.3 16.9

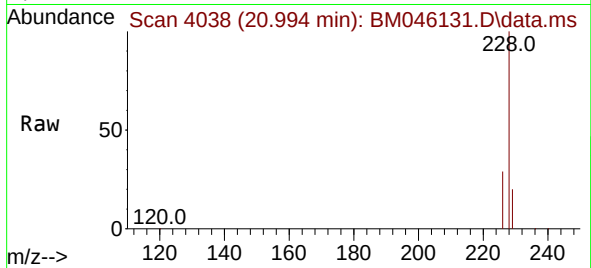
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 23.914 ng/ul
RT: 20.994 min Scan# 4046
Delta R.T. -0.035 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

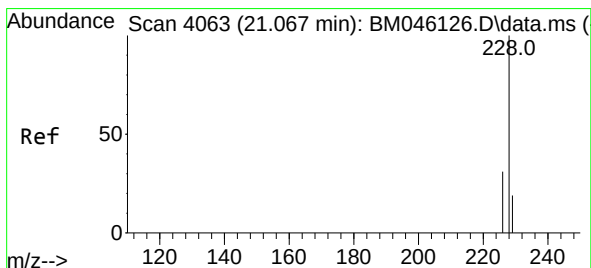
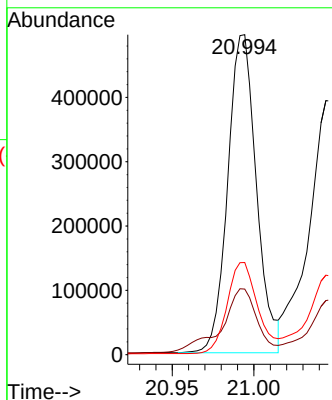
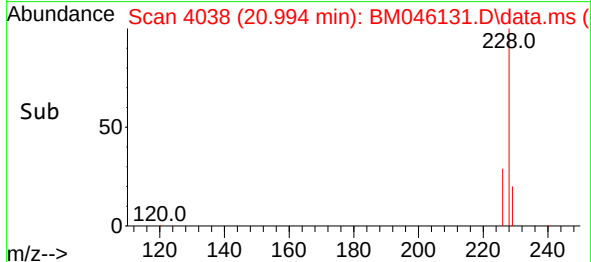
Instrument :
BNA_M
ClientSampleId :
A4B87MS



Tgt Ion:228 Resp: 604654
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.8 23.4 35.2

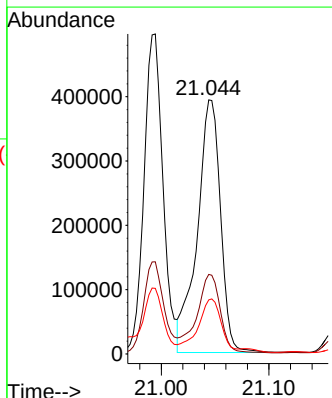
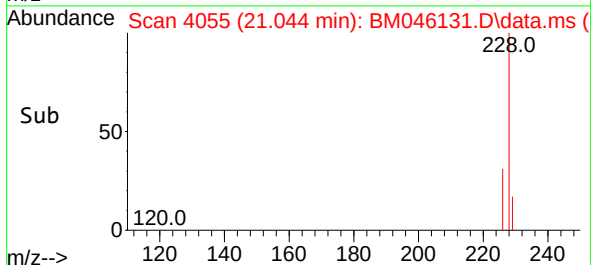
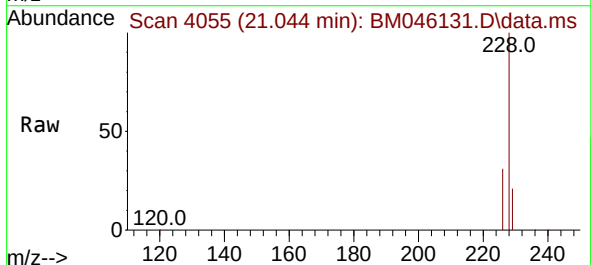
Manual Integrations
APPROVED

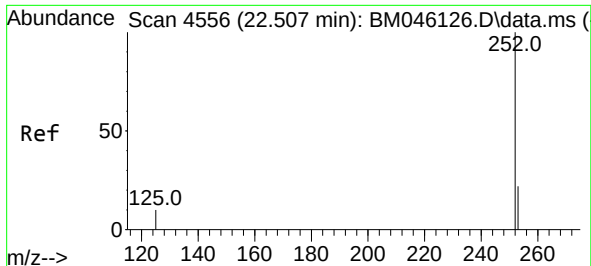
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 18.304 ng/ul m
RT: 21.044 min Scan# 4055
Delta R.T. -0.032 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

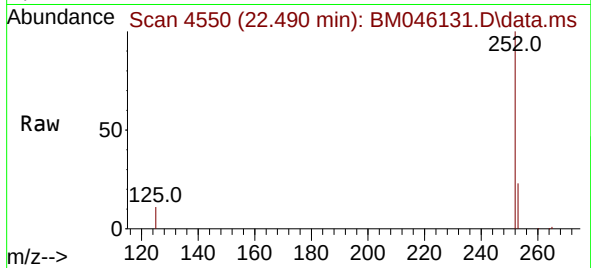
Tgt Ion:228 Resp: 590632
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 21.207 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

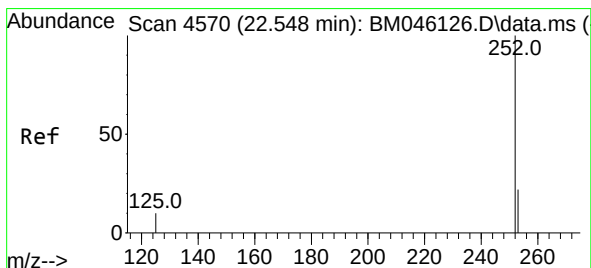
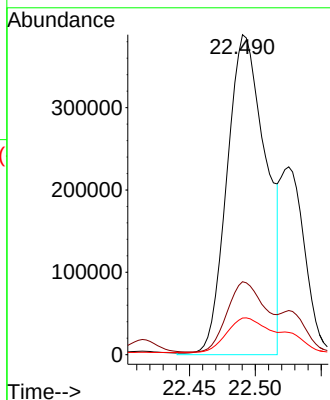
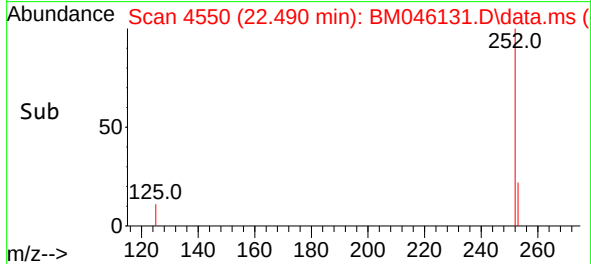
Instrument :
BNA_M
ClientSampleId :
A4B87MS



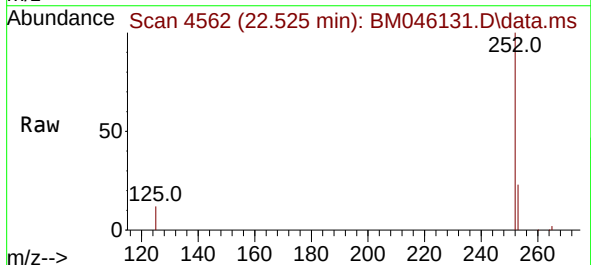
Tgt Ion:252 Resp: 797598
Ion Ratio Lower Upper
252 100
253 22.8 0.0 65.8
125 11.4 0.0 40.2

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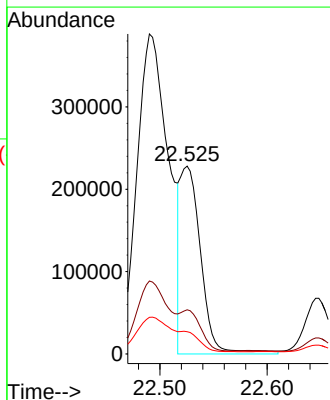
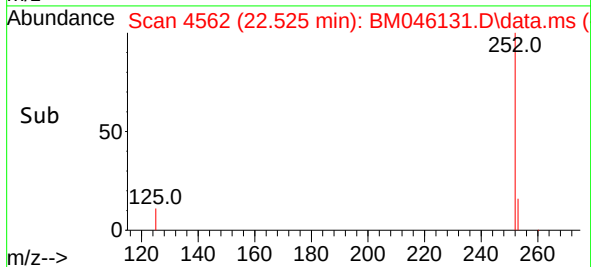
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

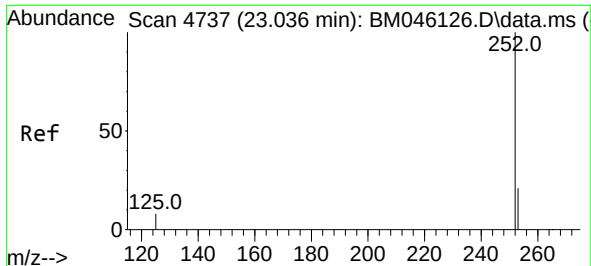


#25
Benzo(k)fluoranthene
Concen: 6.787 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01



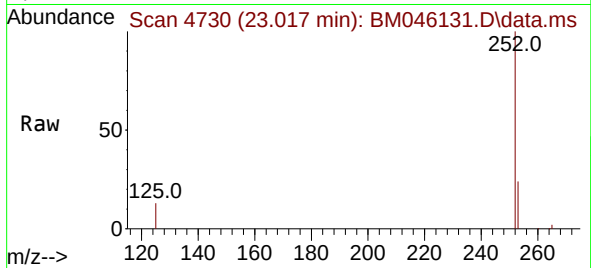
Tgt Ion:252 Resp: 303460
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 11.9 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 8.702 ng/ul m
RT: 23.017 min Scan# 4
Delta R.T. -0.038 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

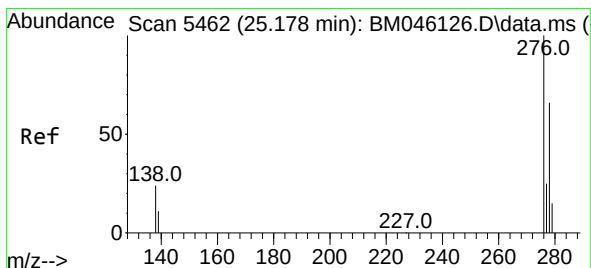
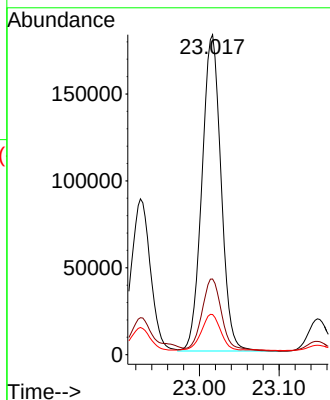
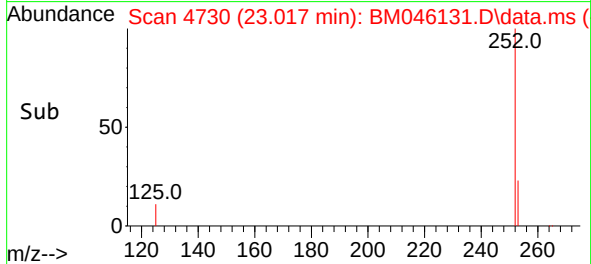
Instrument :
BNA_M
ClientSampleId :
A4B87MS



Tgt Ion:252 Resp: 303249
Ion Ratio Lower Upper
252 100
253 23.6 32.1 48.1
125 12.5 21.2 31.8

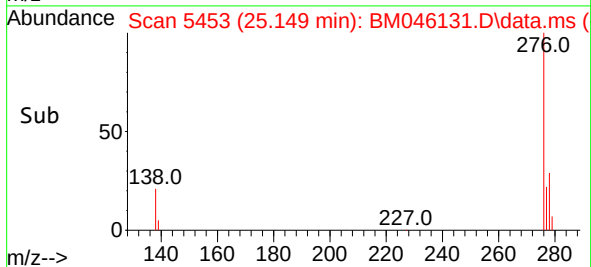
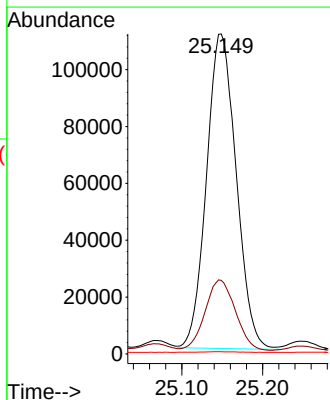
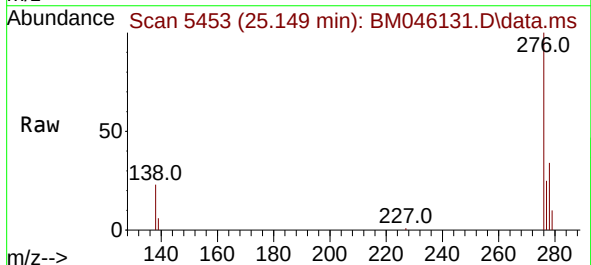
Manual Integrations
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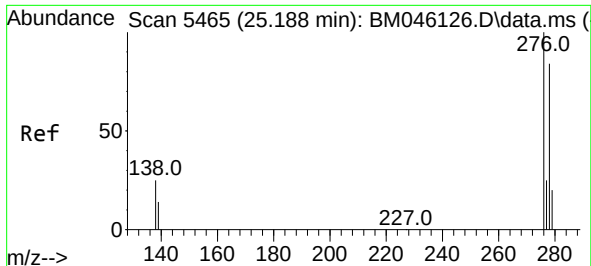
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.953 ng/ul
RT: 25.149 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

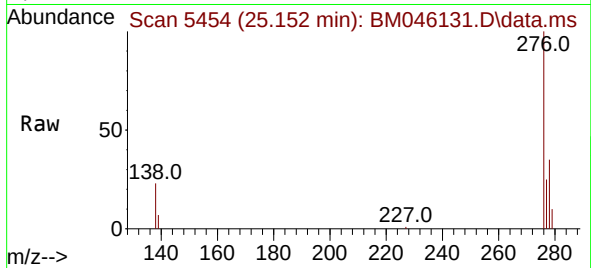
Tgt Ion:276 Resp: 282514
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.539 ng/ul
RT: 25.152 min Scan# 5465
Delta R.T. -0.064 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01

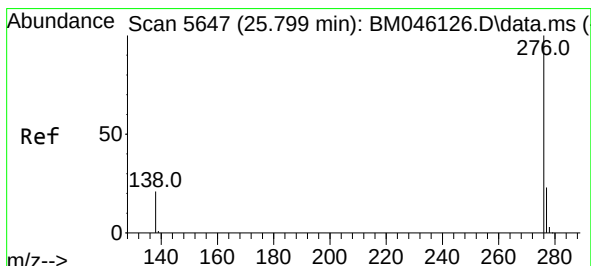
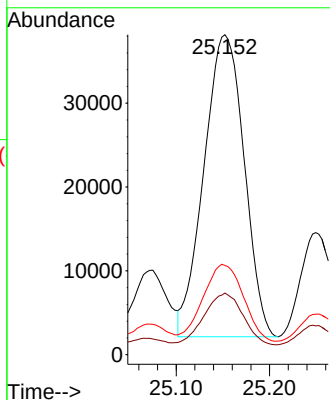
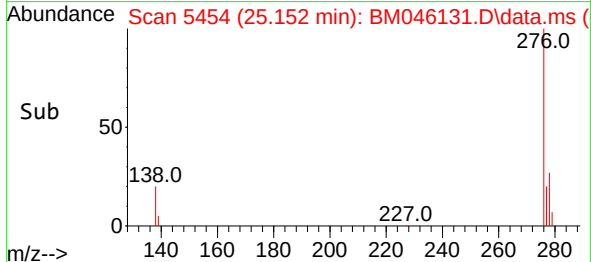
Instrument :
BNA_M
ClientSampleId :
A4B87MS



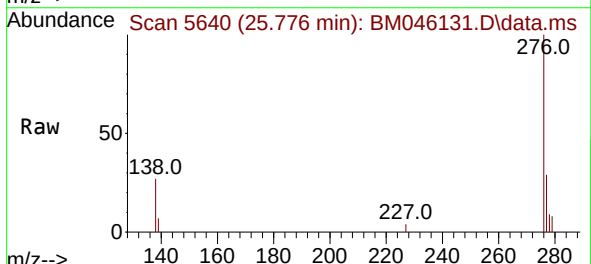
Tgt Ion:278 Resp: 107830
Ion Ratio Lower Upper
278 100
139 19.2 17.6 26.4
279 27.9 26.3 39.5

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.818 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046131.D
Acq: 20 Jun 2024 20:01



Tgt Ion:276 Resp: 40010
Ion Ratio Lower Upper
276 100
138 26.6 21.7 32.5
277 28.8 20.4 30.6

