

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046911.D
 Acq On : 30 Jul 2024 08:35
 Operator : MA/JU
 Sample : P3300-07MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1G93MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 09:13:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.205	136	7874	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.099	164	4879	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	9340	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	7162	0.400	ng/ul	# 0.00
23) Perylene-d12	23.197	264	7883	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	497	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.805	152	5805	0.464	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	9435	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.117	88	1485	0.649	ng/ul	89
5) Naphthalene	10.254	128	6662	0.335	ng/ul	99
7) 2-Methylnaphthalene	11.882	142	6563	0.479	ng/ul	100
8) 1-Methylnaphthalene	12.108	142	4892	0.346	ng/ul	100
10) Acenaphthylene	13.813	152	7673	0.343	ng/ul	99
11) Acenaphthene	14.164	153	5541	0.365	ng/ul	99
12) Fluorene	15.159	166	6710	0.354	ng/ul	97
14) Pentachlorophenol	16.516	266	3456	0.817	ng/ul	98
15) Phenanthrene	16.896	178	10834	0.404	ng/ul	99
16) Anthracene	16.989	178	9544	0.382	ng/ul	98
19) Fluoranthene	18.928	202	12063	0.384	ng/ul	98
20) Pyrene	19.295	202	12526	0.385	ng/ul	99
21) Benzo(a)anthracene	21.055	228	11494	0.385	ng/ul	99
22) Chrysene	21.108	228	11565	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.569	252	12011	0.347	ng/ul	95
25) Benzo(k)fluoranthene	22.609	252	12069m	0.346	ng/ul	
26) Benzo(a)pyrene	23.104	252	10066	0.405	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.292	276	12990	0.340	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.309	278	10394	0.371	ng/ul	98
29) Benzo(g,h,i)perylene	25.930	276	9753	0.290	ng/ul	96

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

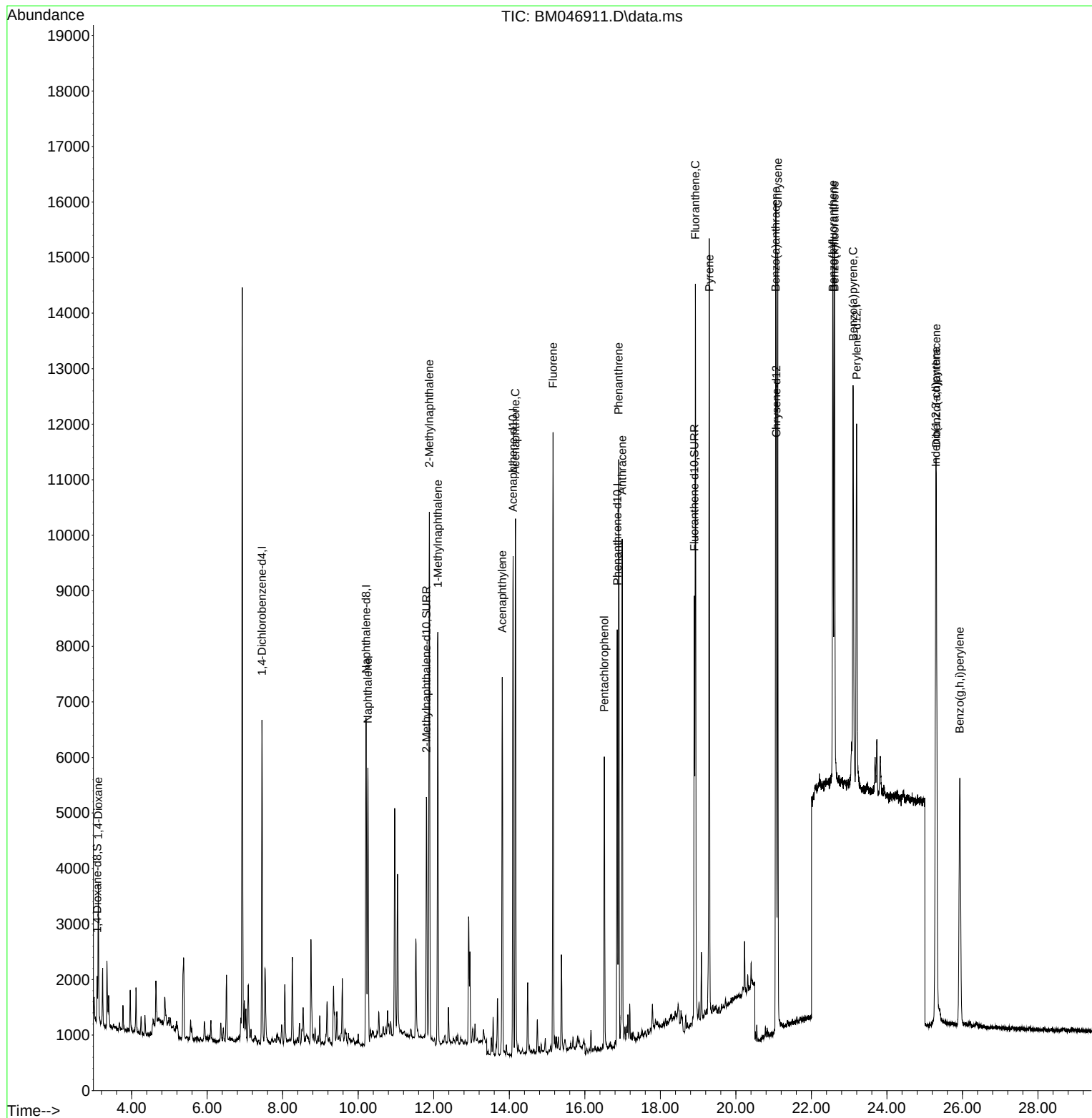
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046911.D
Acq On : 30 Jul 2024 08:35
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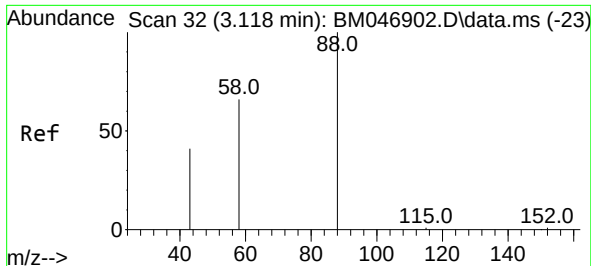
Instrument :
BNA_M
ClientSampleId :
E1G93MS

Quant Time: Jul 30 09:13:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
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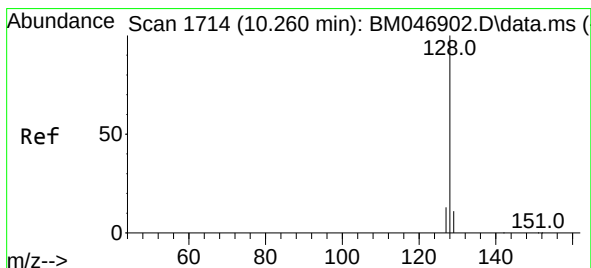
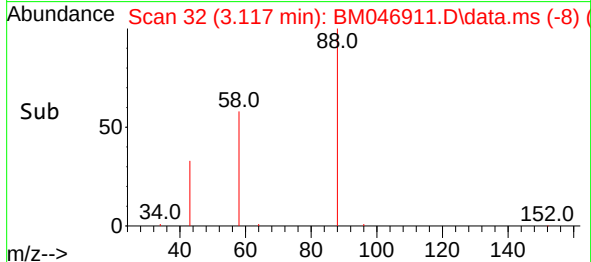
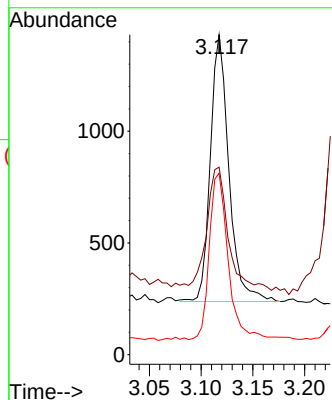
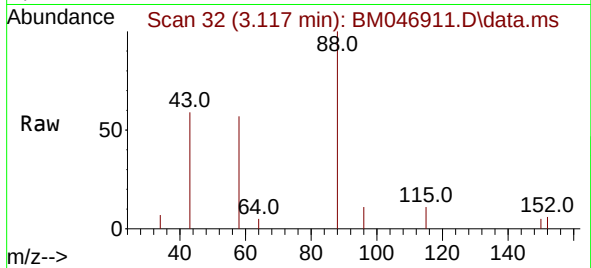
#2
1,4-Dioxane
Concen: 0.649 ng/ul
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

Instrument :
BNA_M
ClientSampleId :
E1G93MS

Tgt Ion: 88 Resp: 148
Ion Ratio Lower Upper
88 100
43 58.6 42.1 63.1
58 56.7 38.3 57.5

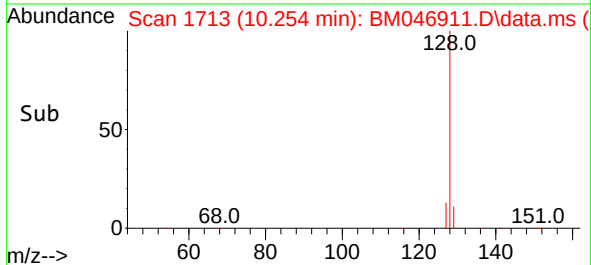
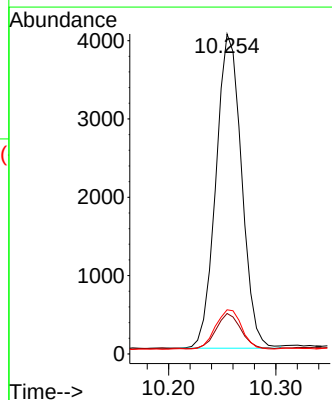
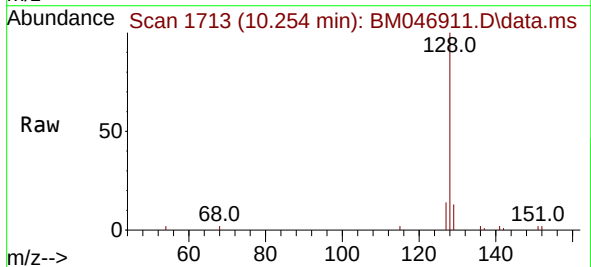
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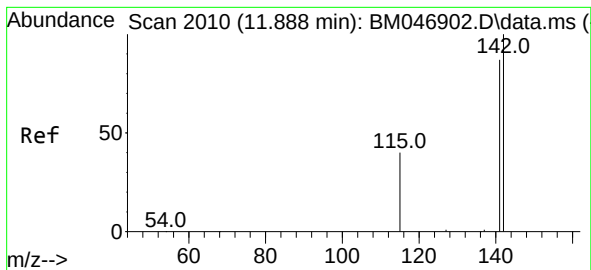
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.254 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

Tgt Ion:128 Resp: 6662
Ion Ratio Lower Upper
128 100
129 12.7 10.1 15.1
127 13.8 11.5 17.3





#7

2-Methylnaphthalene

Concen: 0.479 ng/ul

RT: 11.882 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BM046911.D

Acq: 30 Jul 2024 08:35

Instrument :

BNA_M

ClientSampleId :

E1G93MS

Tgt Ion:142 Resp: 656

Ion Ratio Lower Upper

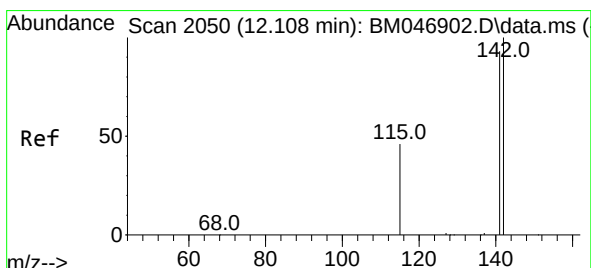
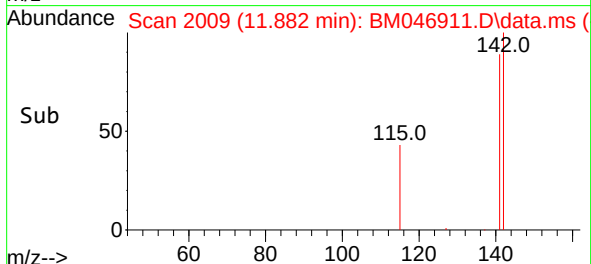
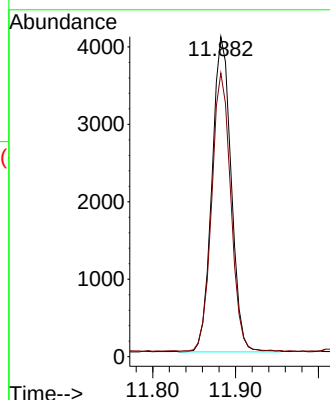
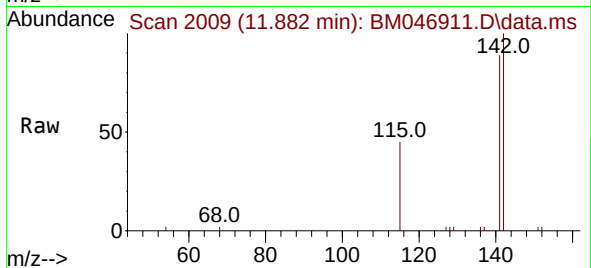
142 100

141 87.7 70.5 105.7

Manual Integrations

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#8

1-Methylnaphthalene

Concen: 0.346 ng/ul

RT: 12.108 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BM046911.D

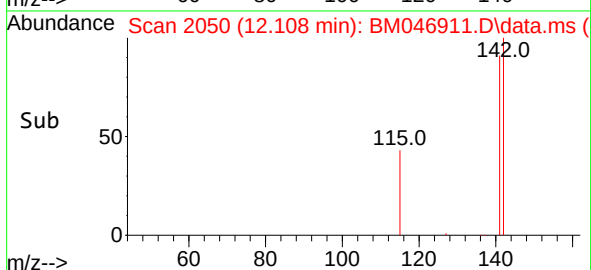
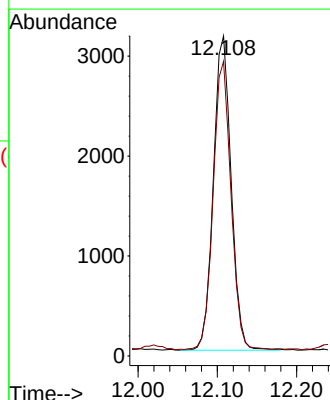
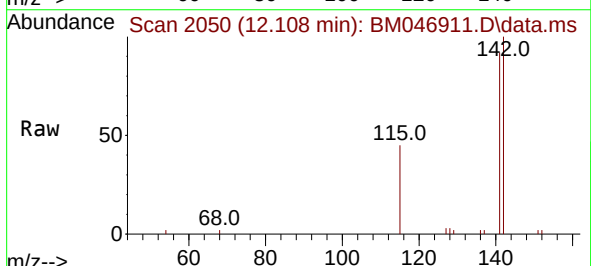
Acq: 30 Jul 2024 08:35

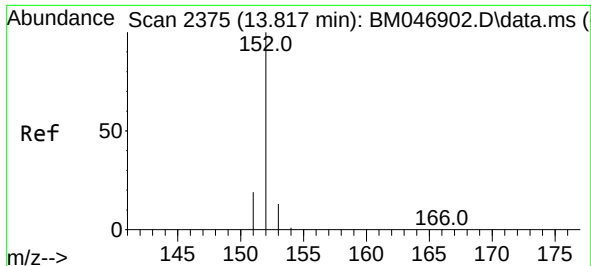
Tgt Ion:142 Resp: 4892

Ion Ratio Lower Upper

142 100

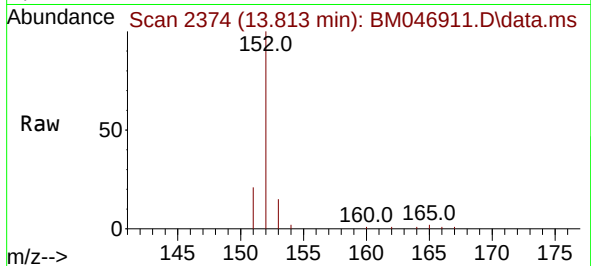
141 91.4 73.1 109.7





#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 13.813 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

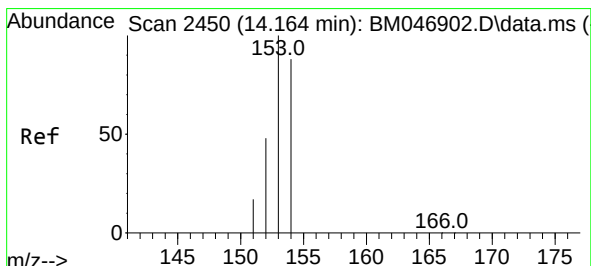
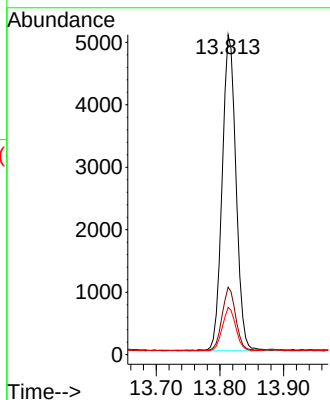
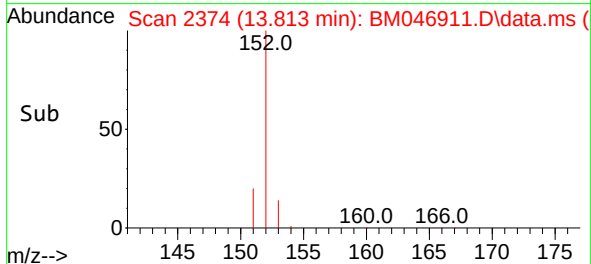
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:152 Resp: 767
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.8 11.0 16.6

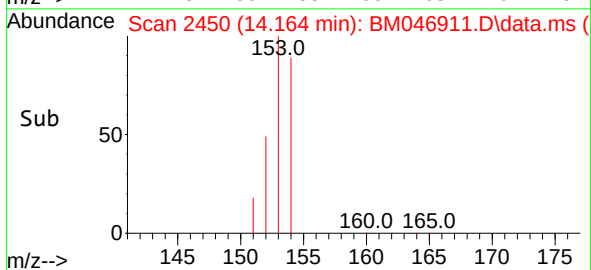
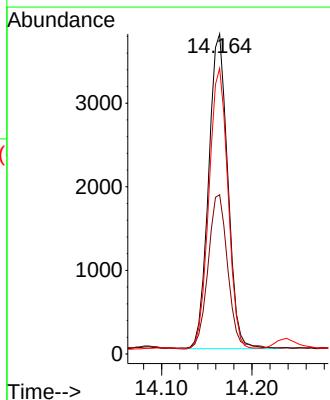
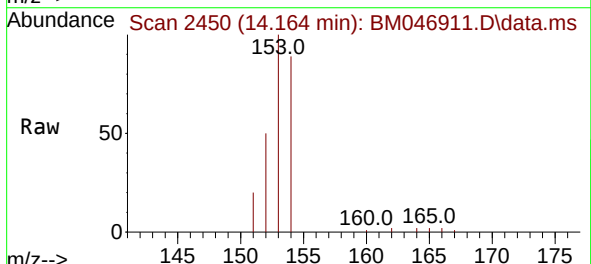
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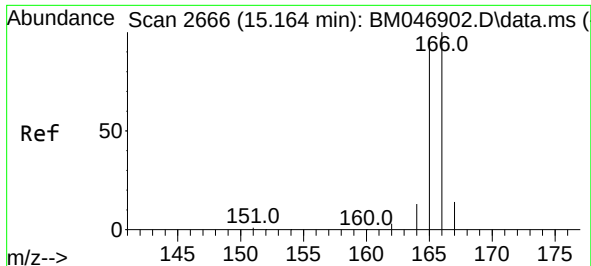
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.164 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

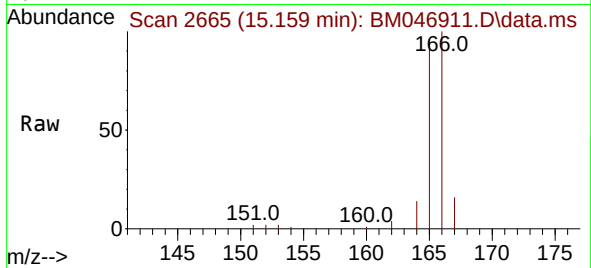
Tgt Ion:153 Resp: 5541
Ion Ratio Lower Upper
153 100
152 49.8 38.6 57.8
154 89.2 70.8 106.2





#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.159 min Scan# 2665
Delta R.T. -0.005 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

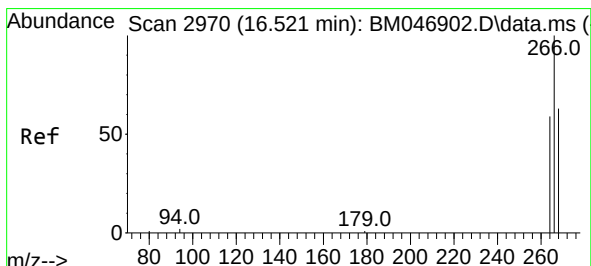
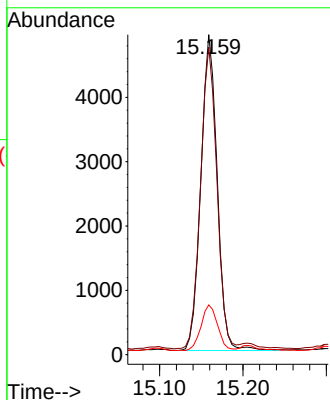
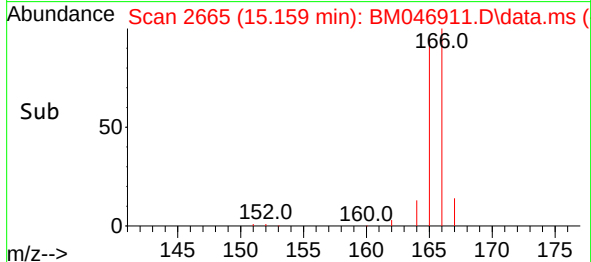
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:166 Resp: 6710
Ion Ratio Lower Upper
166 100
165 96.1 79.8 119.6
167 15.5 12.3 18.5

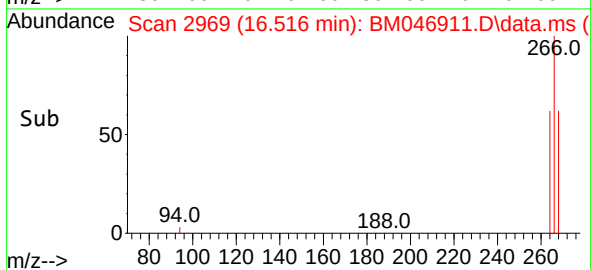
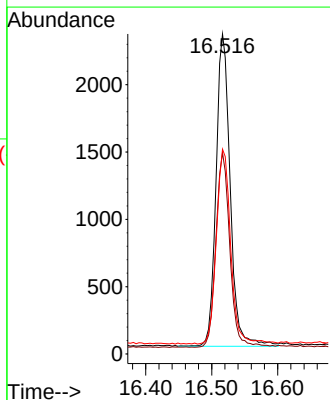
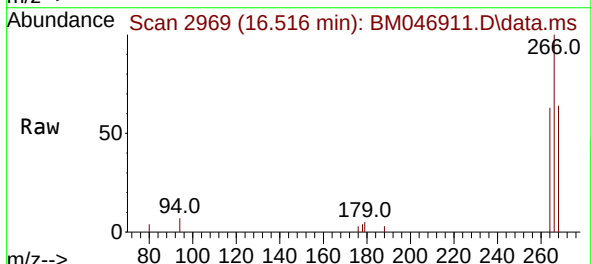
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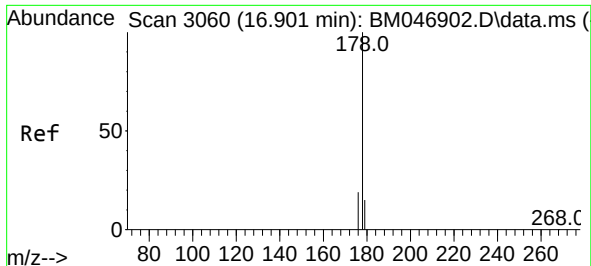
Reviewed By :Jagrut Upadhyay 07/30/2024
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#14
Pentachlorophenol
Concen: 0.817 ng/ul
RT: 16.516 min Scan# 2969
Delta R.T. -0.004 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

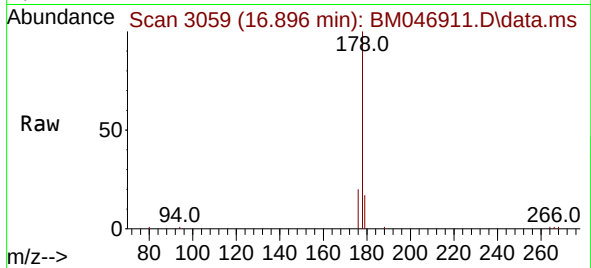
Tgt Ion:266 Resp: 3456
Ion Ratio Lower Upper
266 100
264 61.6 51.1 76.7
268 63.3 51.8 77.6





#15
Phenanthrene
Concen: 0.404 ng/u1
RT: 16.896 min Scan# 3059
Delta R.T. -0.004 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

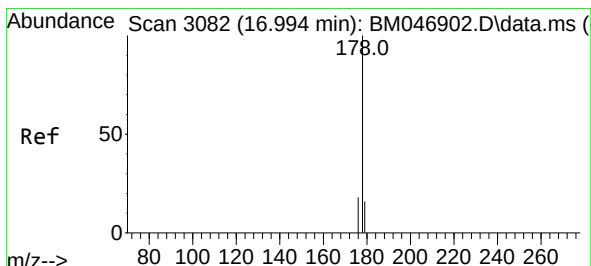
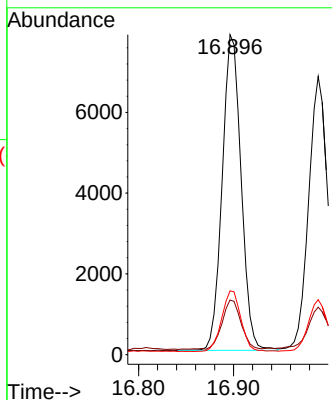
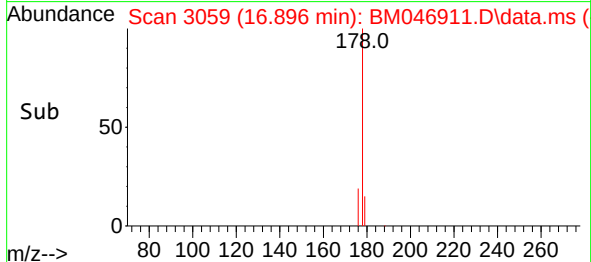
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:178 Resp: 10834
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 19.9 16.1 24.1

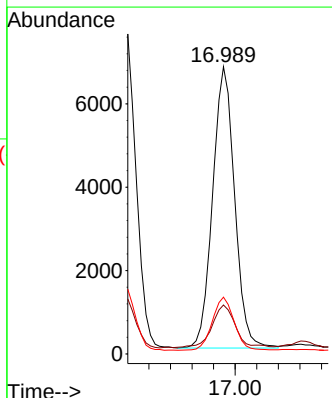
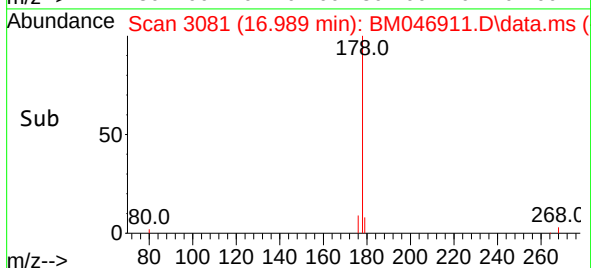
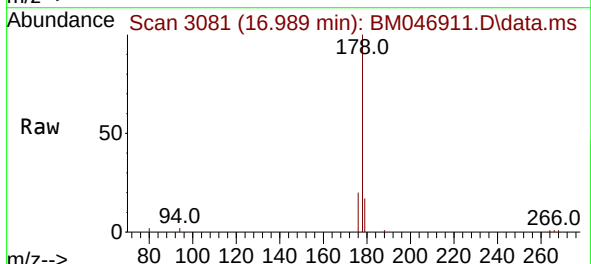
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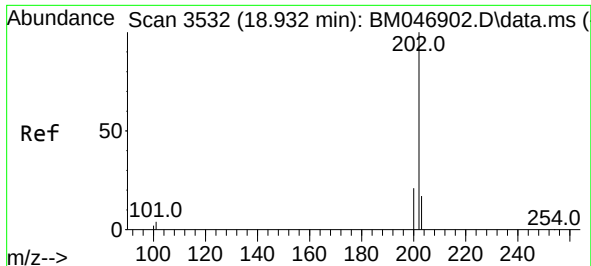
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.382 ng/u1
RT: 16.989 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

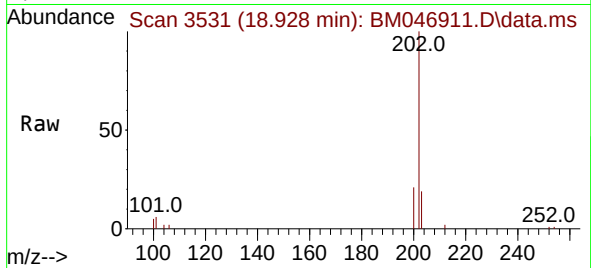
Tgt Ion:178 Resp: 9544
Ion Ratio Lower Upper
178 100
179 17.1 13.1 19.7
176 19.8 15.0 22.6





#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 18.928 min Scan# 3531
Delta R.T. -0.005 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

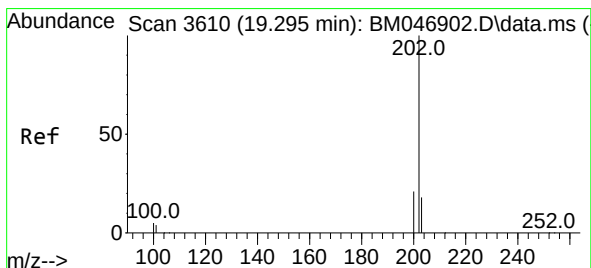
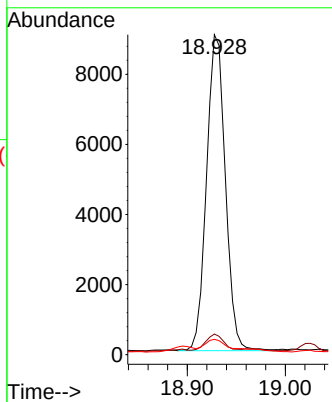
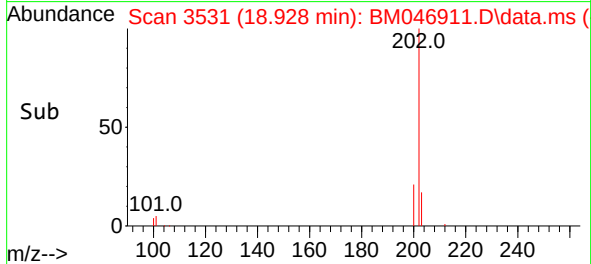
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:202 Resp: 12061
Ion Ratio Lower Upper
202 100
101 6.5 4.7 7.1
100 4.8 3.4 5.2

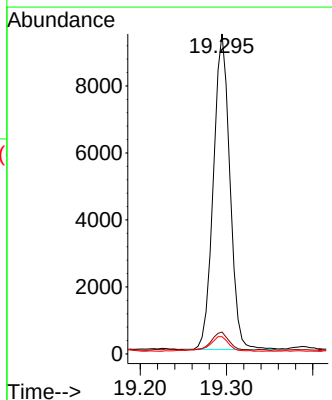
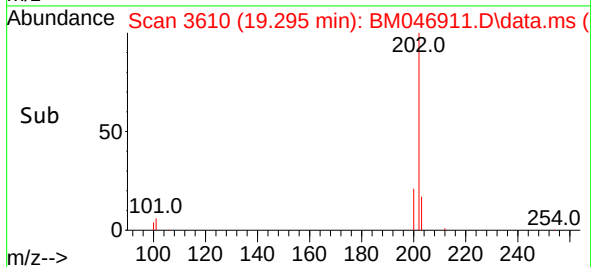
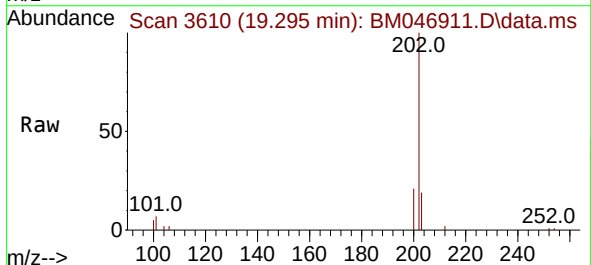
Manual Integrations
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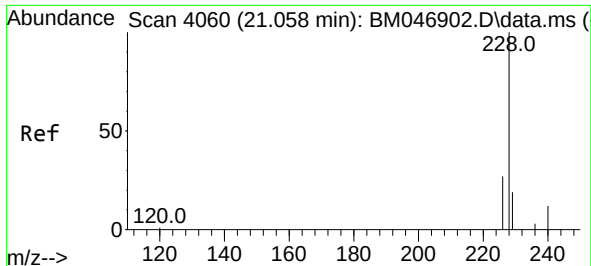
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

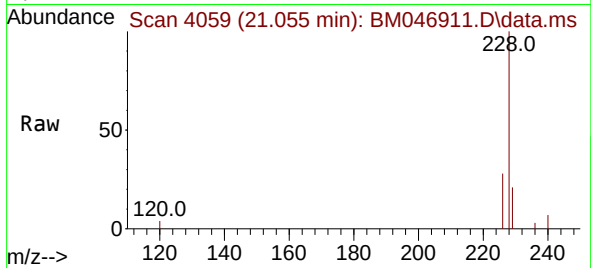
Tgt Ion:202 Resp: 12526
Ion Ratio Lower Upper
202 100
101 6.8 5.2 7.8
100 5.4 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.055 min Scan# 4060
Delta R.T. -0.003 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

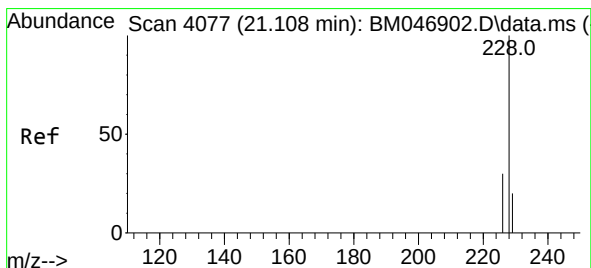
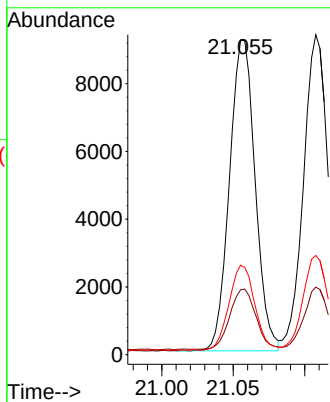
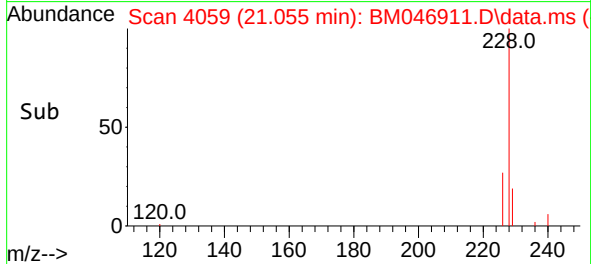
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:228 Resp: 11494
Ion Ratio Lower Upper
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229 20.6 16.3 24.5
226 28.4 22.3 33.5

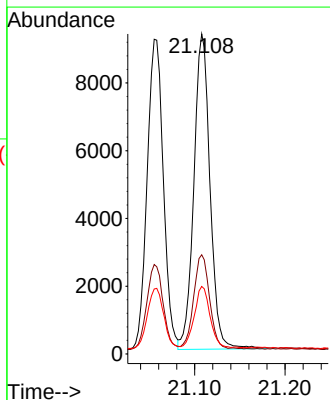
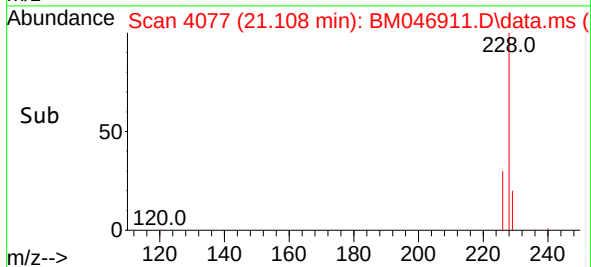
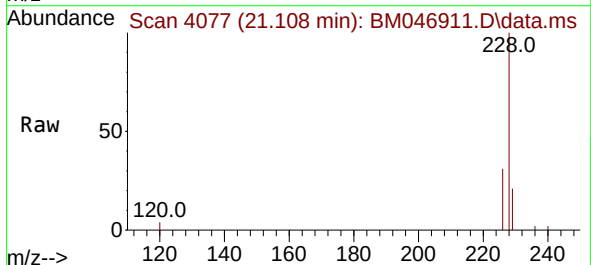
Manual Integrations
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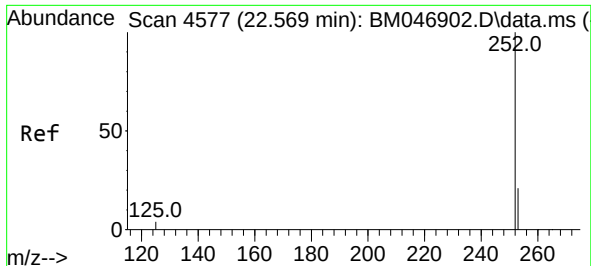
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

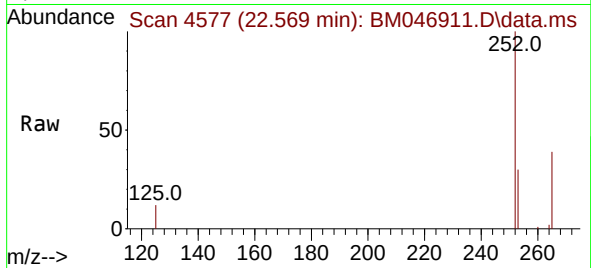
Tgt Ion:228 Resp: 11565
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.569 min Scan# 4577
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

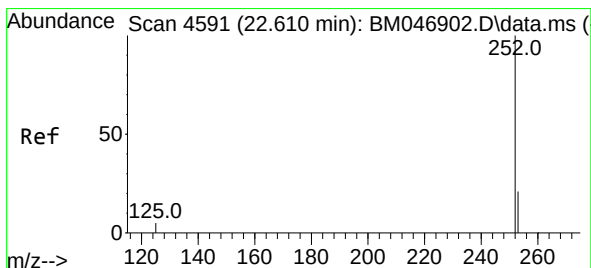
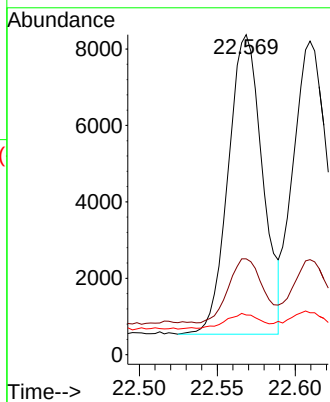
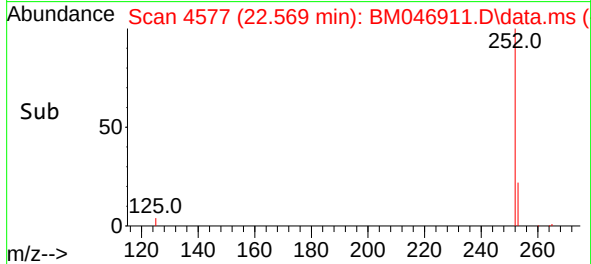
Instrument :
BNA_M
ClientSampleId :
E1G93MS



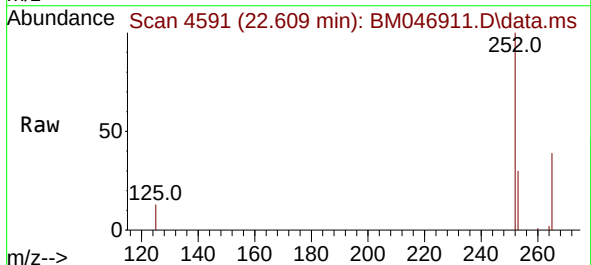
Tgt Ion:252 Resp: 1201
Ion Ratio Lower Upper
252 100
253 30.0 0.0 56.4
125 12.4 0.0 15.8

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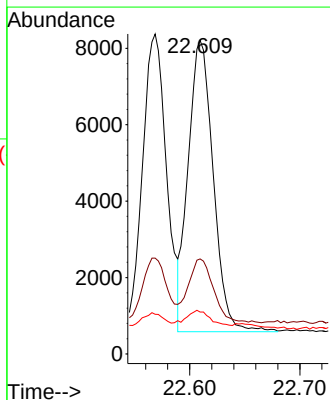
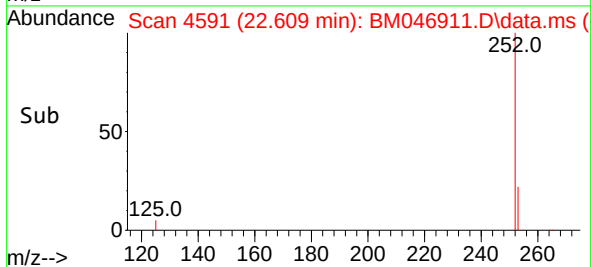
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

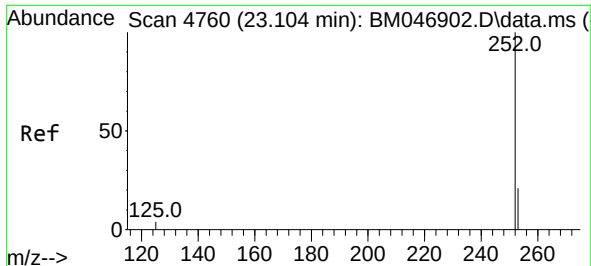


#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul m
RT: 22.609 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35



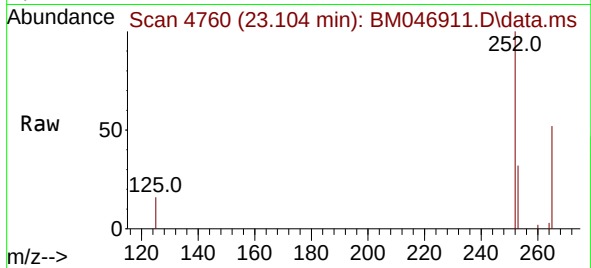
Tgt Ion:252 Resp: 12069
Ion Ratio Lower Upper
252 100
253 30.3 23.5 35.3
125 13.4 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.104 min Scan# 4760
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

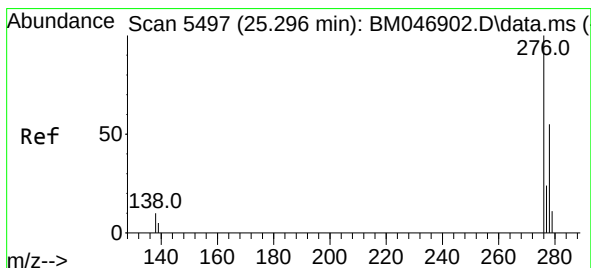
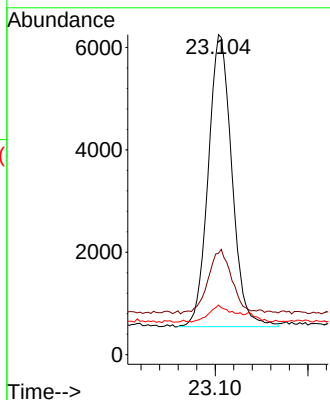
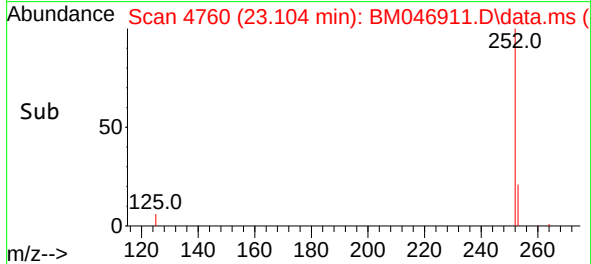
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:252 Resp: 10060
Ion Ratio Lower Upper
252 100
253 31.7 26.0 39.0
125 15.5 7.8 11.8

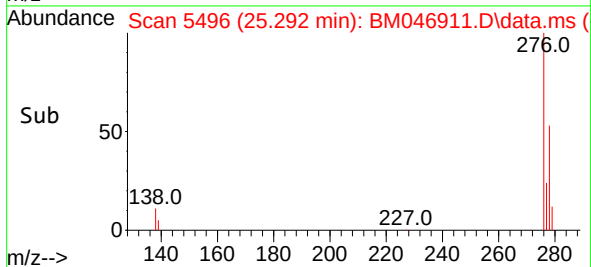
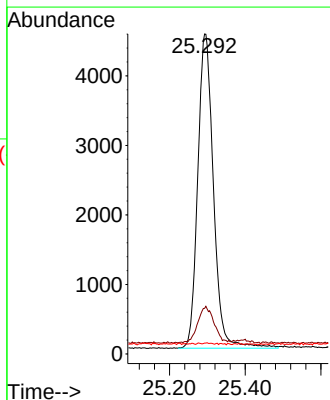
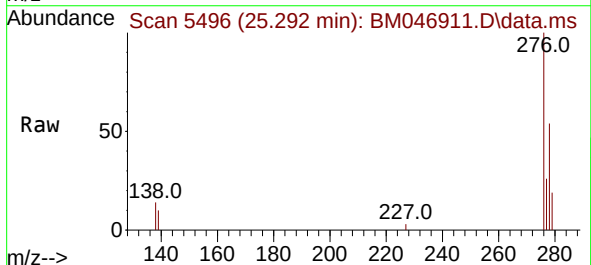
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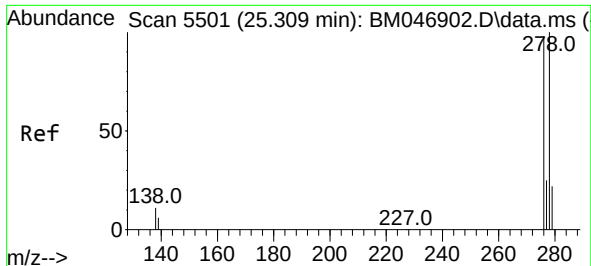
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 25.292 min Scan# 5496
Delta R.T. -0.004 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

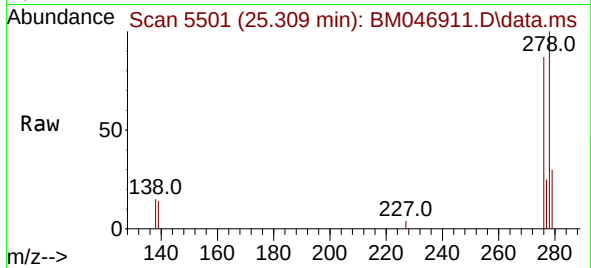
Tgt Ion:276 Resp: 12990
Ion Ratio Lower Upper
276 100
138 11.9 9.7 14.5
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 25.309 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

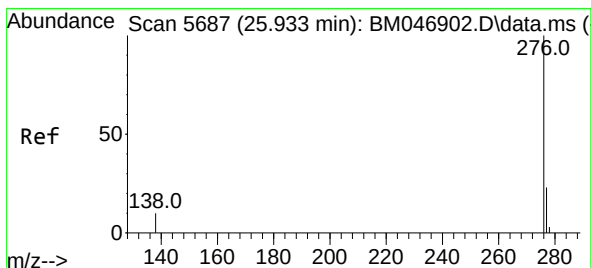
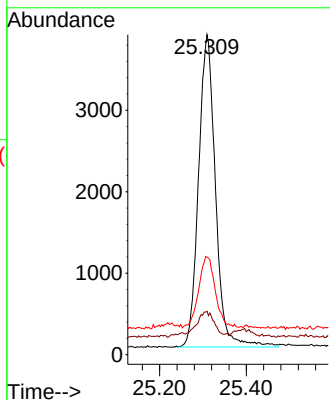
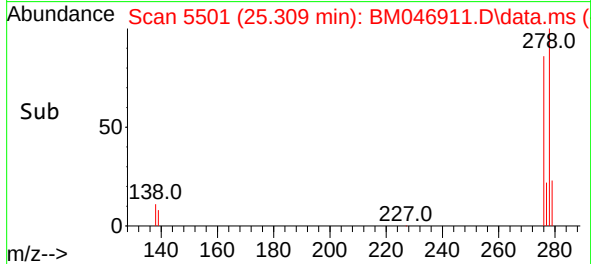
Instrument :
BNA_M
ClientSampleId :
E1G93MS



Tgt Ion:278 Resp: 10394
Ion Ratio Lower Upper
278 100
139 13.6 9.8 14.8
279 30.5 25.2 37.8

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Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 25.930 min Scan# 5686
Delta R.T. -0.003 min
Lab File: BM046911.D
Acq: 30 Jul 2024 08:35

Tgt Ion:276 Resp: 9753
Ion Ratio Lower Upper
276 100
138 14.1 9.5 14.3
277 27.7 20.9 31.3

