

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046069.D
 Acq On : 19 Jun 2024 02:42
 Operator : MA/JU
 Sample : P2695-26MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 08:25:31 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	7.442	152	3999	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.220	136	11538	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.084	164	6436	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.828	188	13921	0.400	ng/ul	-0.03
17) Chrysene-d12	21.018	240	11655	0.400	ng/ul	-0.03
23) Perylene-d12	23.119	264	15357	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2533	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	5094	0.329	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	13110	0.376	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.071	88	6673	1.084	ng/ul#	78
5) Naphthalene	10.270	128	13680	0.425	ng/ul	95
7) 2-Methylnaphthalene	11.898	142	7295	0.403	ng/ul	98
8) 1-Methylnaphthalene	12.112	142	7122	0.358	ng/ul	100
10) Acenaphthylene	13.807	152	16887	0.553	ng/ul	98
11) Acenaphthene	14.149	153	11268	0.511	ng/ul	98
12) Fluorene	15.139	166	12906	0.546	ng/ul	98
14) Pentachlorophenol	16.511	266	1841	0.441	ng/ul	97
15) Phenanthrene	16.870	178	116552	2.980	ng/ul	96
16) Anthracene	16.963	178	29337	1.007	ng/ul	97
19) Fluoranthene	18.885	202	301609	5.977	ng/ul	98
20) Pyrene	19.247	202	211897	3.883	ng/ul	98
21) Benzo(a)anthracene	21.000	228	141010	3.132	ng/ul	99
22) Chrysene	21.053	228	161043	2.803	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	227624m	4.114	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	107645m	1.637	ng/ul	
26) Benzo(a)pyrene	23.028	252	80183	1.564	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.162	276	95175	1.134	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.172	278	43802	0.701	ng/ul	92
29) Benzo(g,h,i)perylene	25.789	276	14053	0.195	ng/ul	93

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

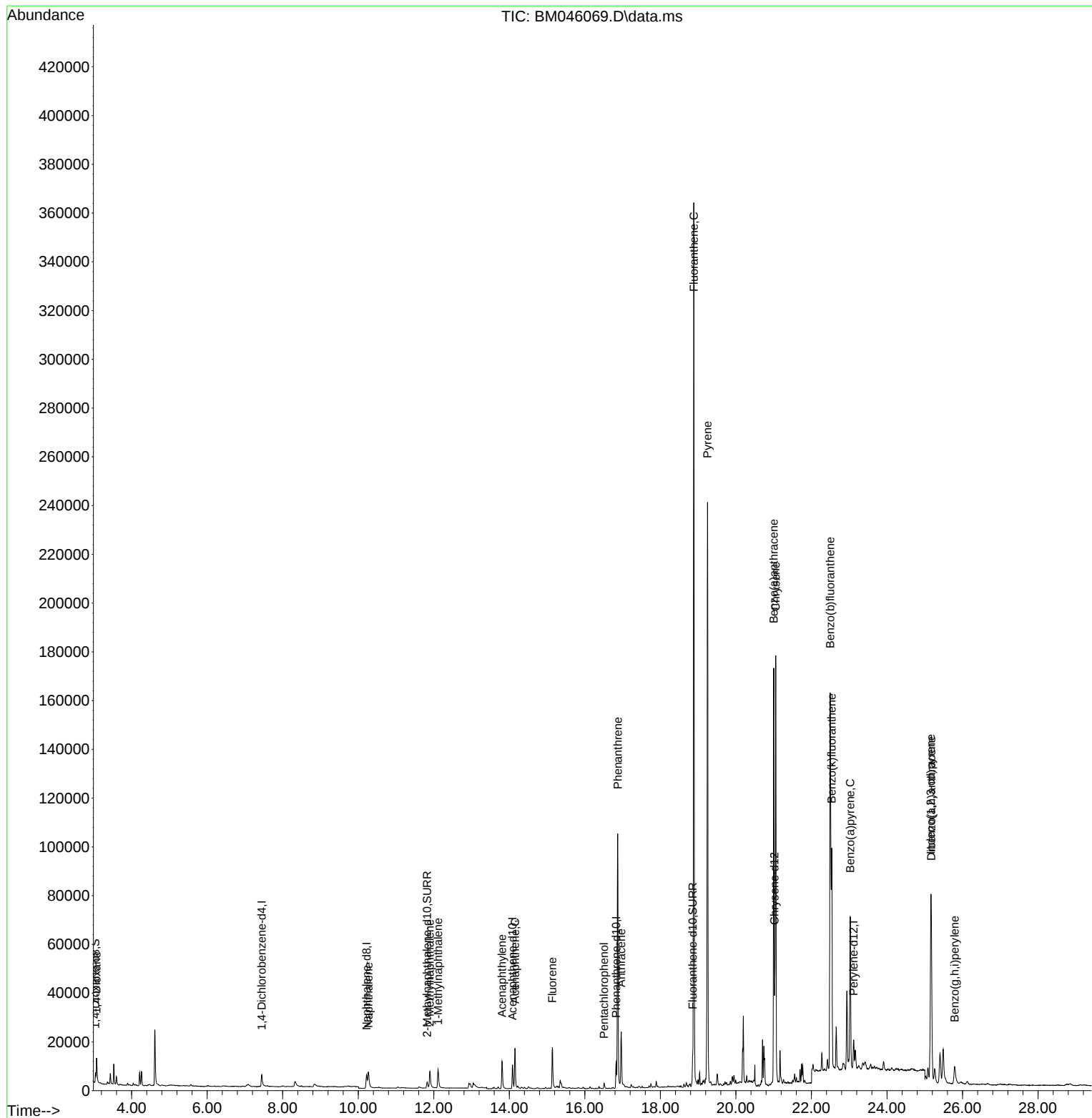
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046069.D
Acq On : 19 Jun 2024 02:42
Operator : MA/JU
Sample : P2695-26MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

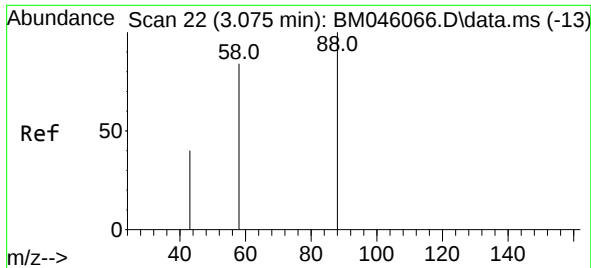
Instrument :
BNA_M
ClientSampleId :
A4BN3MS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

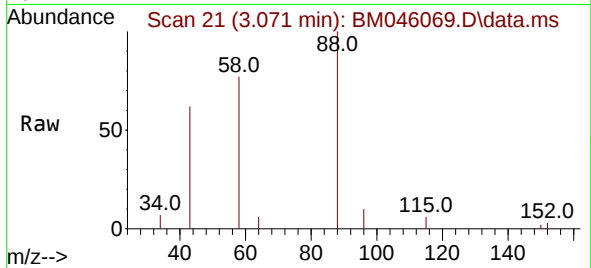
Quant Time: Jun 19 08:25:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.084 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

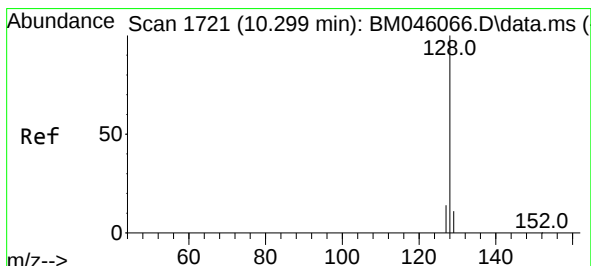
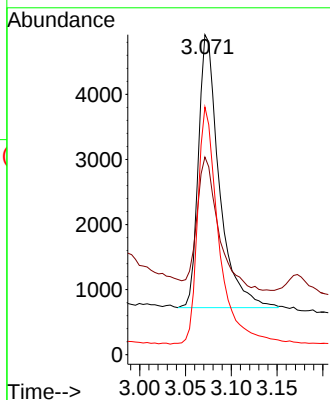
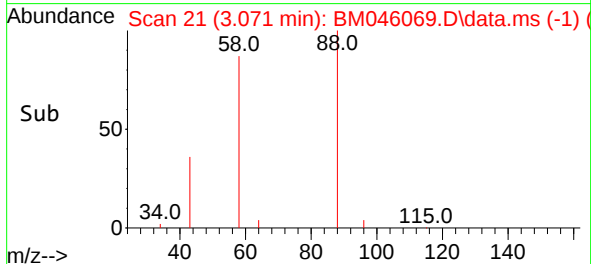
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



Tgt Ion: 88 Resp: 667
Ion Ratio Lower Upper
88 100
43 61.7 69.8 104.8
58 77.4 53.2 79.8

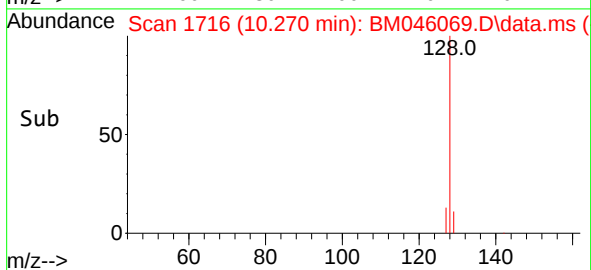
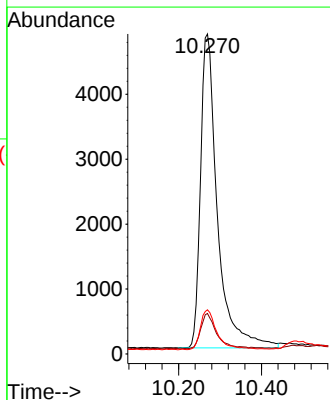
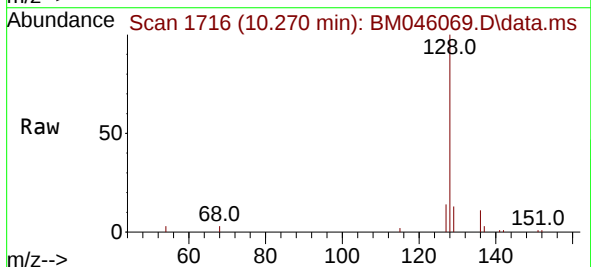
Manual Integrations
APPROVED

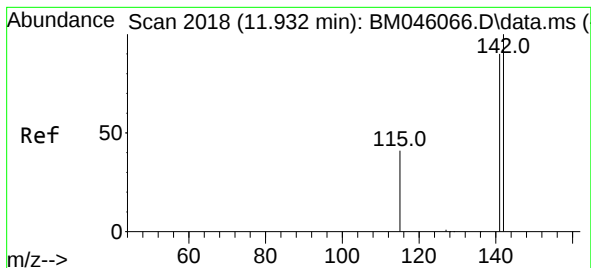
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

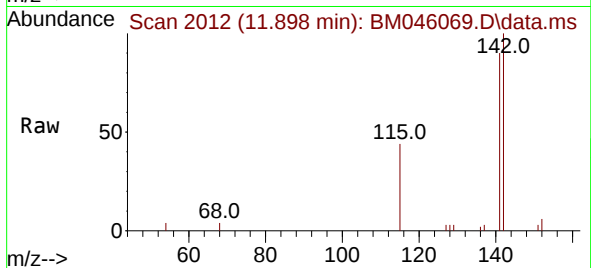
Tgt Ion:128 Resp: 13680
Ion Ratio Lower Upper
128 100
129 12.6 11.8 17.6
127 13.8 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

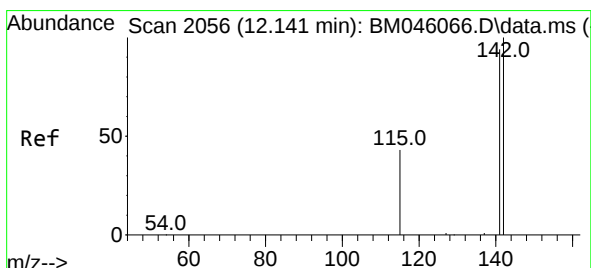
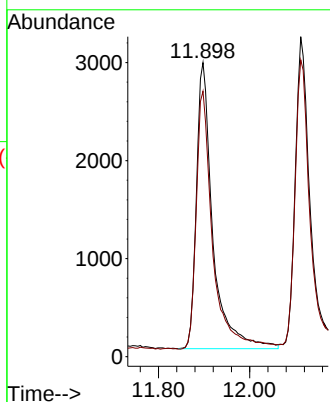
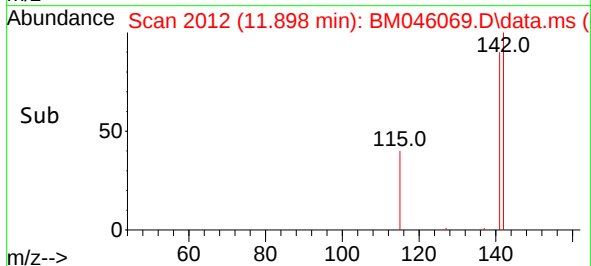
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



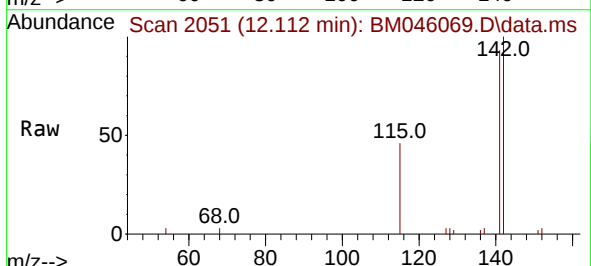
Tgt Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
141 91.2 74.6 111.8

Manual Integrations
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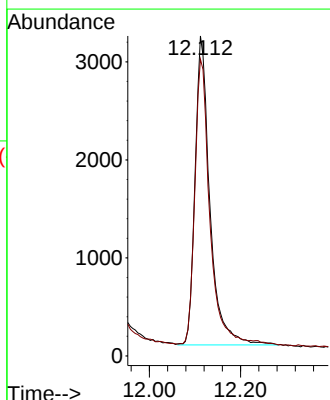
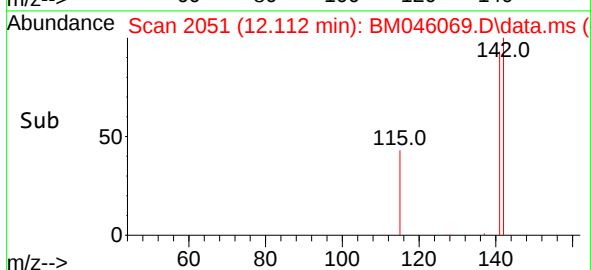
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

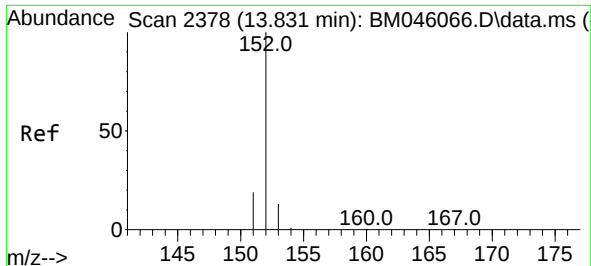


#8
1-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.039 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42



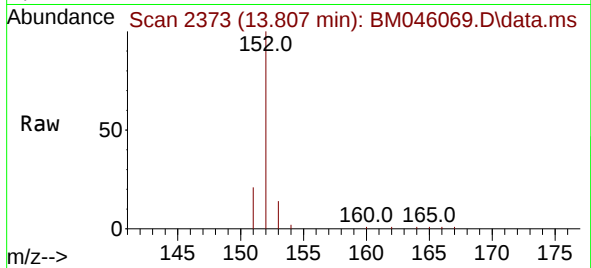
Tgt Ion:142 Resp: 7122
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8





#10
Acenaphthylene
Concen: 0.553 ng/ul
RT: 13.807 min Scan# 2111
Delta R.T. -0.028 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

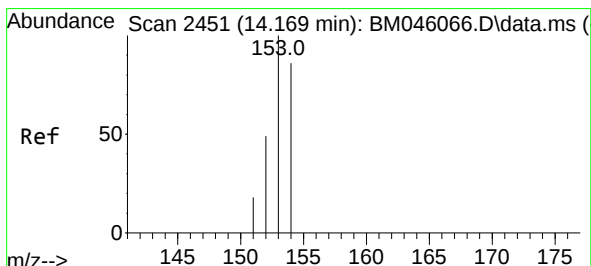
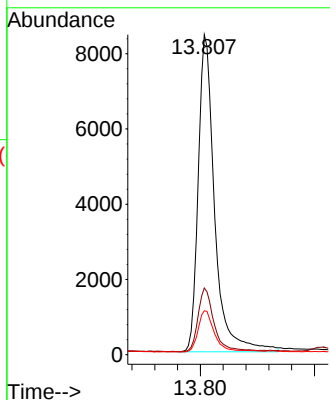
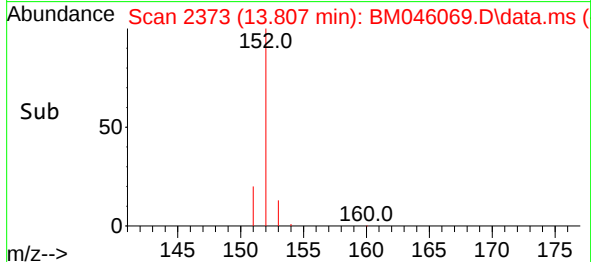
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



Tgt Ion:152 Resp: 1688
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.2
153 13.7 11.8 17.8

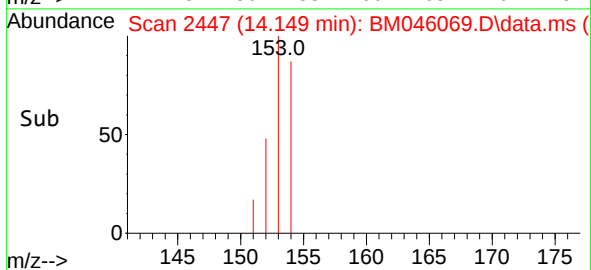
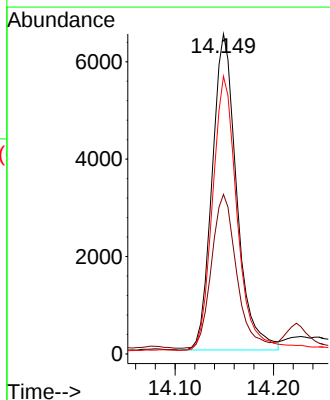
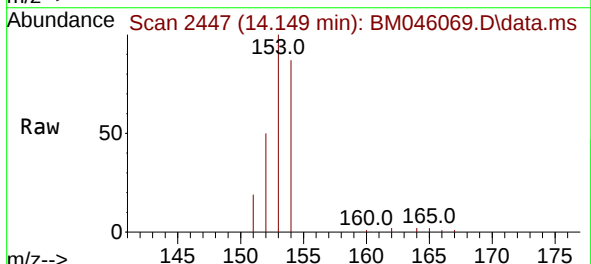
Manual Integrations
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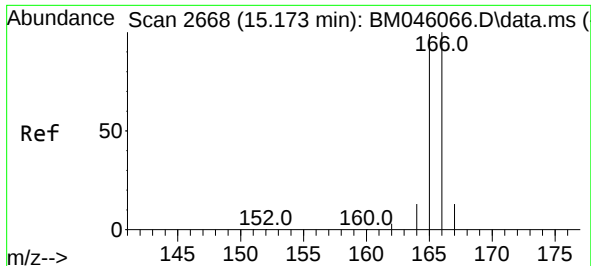
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.511 ng/ul
RT: 14.149 min Scan# 2447
Delta R.T. -0.023 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

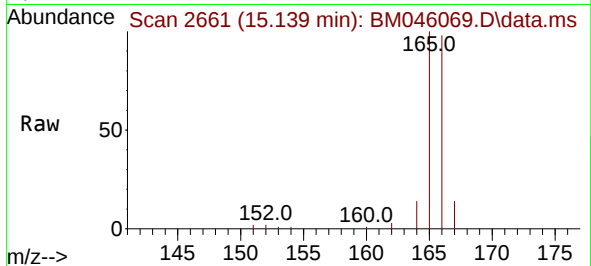
Tgt Ion:153 Resp: 11268
Ion Ratio Lower Upper
153 100
152 49.8 41.3 61.9
154 86.8 68.2 102.4





#12
Fluorene
Concen: 0.546 ng/ul
RT: 15.139 min Scan# 2068
Delta R.T. -0.042 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

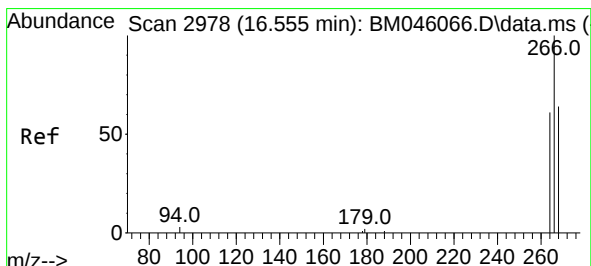
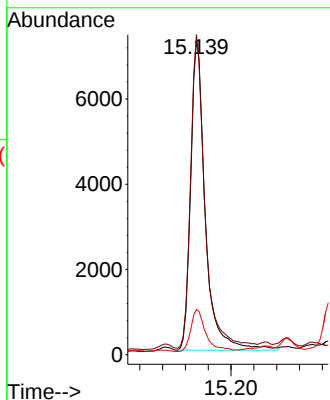
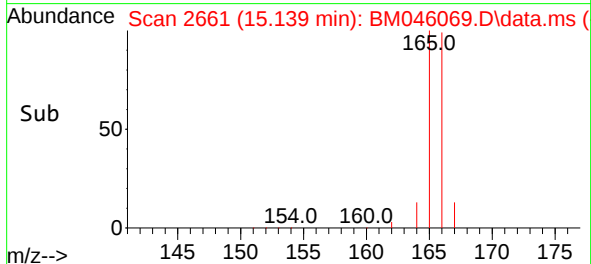
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



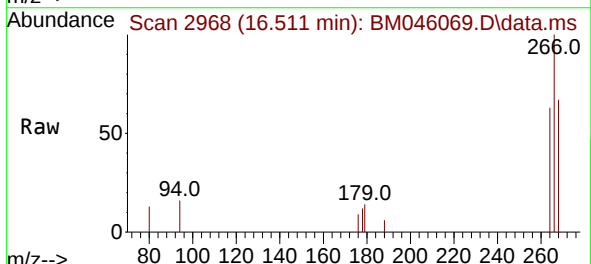
Tgt Ion:166 Resp: 12900
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
167 14.4 12.4 18.6

Manual Integrations
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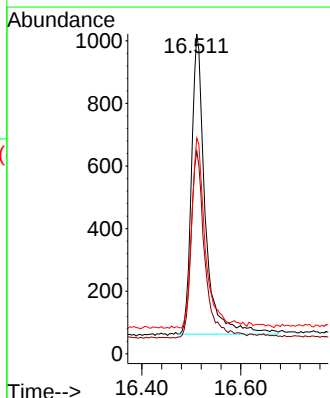
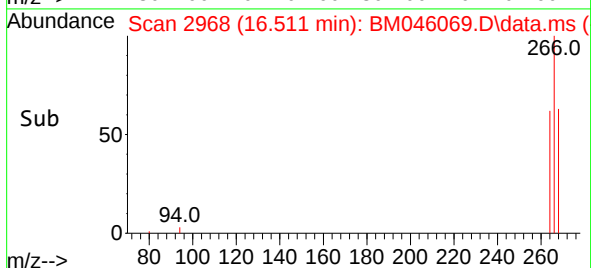
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

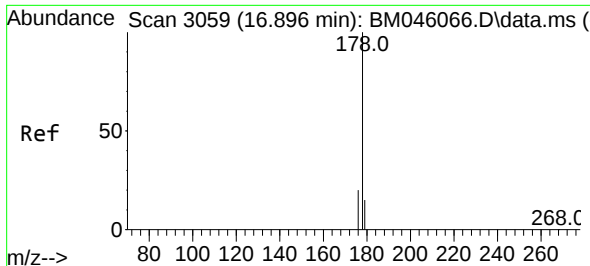


#14
Pentachlorophenol
Concen: 0.441 ng/ul
RT: 16.511 min Scan# 2968
Delta R.T. -0.055 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42



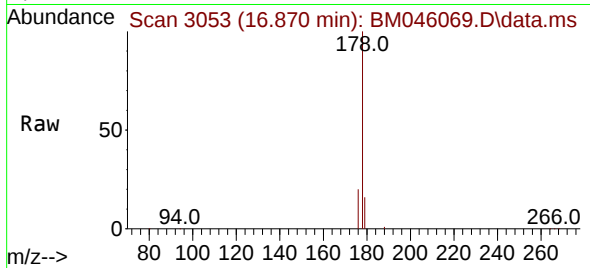
Tgt Ion:266 Resp: 1841
Ion Ratio Lower Upper
266 100
264 61.7 50.9 76.3
268 63.4 52.3 78.5





#15
Phenanthrene
Concen: 2.980 ng/u1
RT: 16.870 min Scan# 3059
Delta R.T. -0.034 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

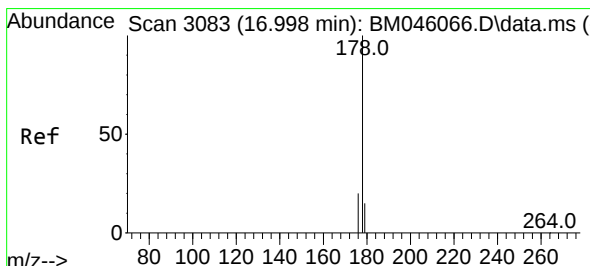
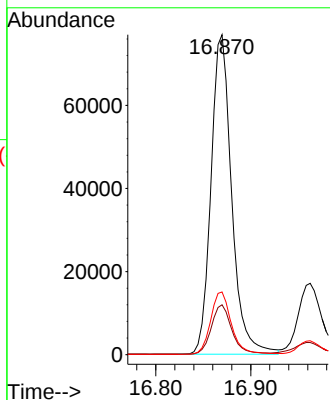
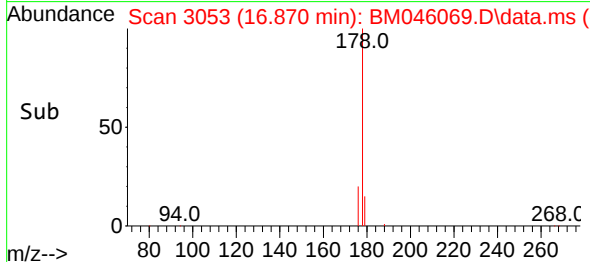
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



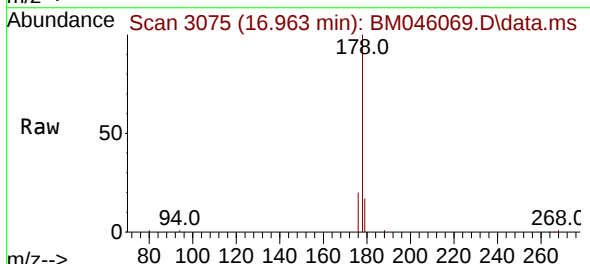
Tgt Ion:178 Resp: 116552
Ion Ratio Lower Upper
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179 15.6 14.2 21.2
176 19.6 17.1 25.7

Manual Integrations
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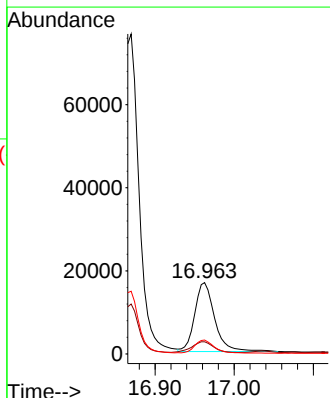
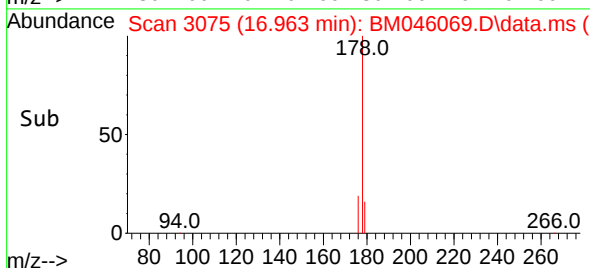
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

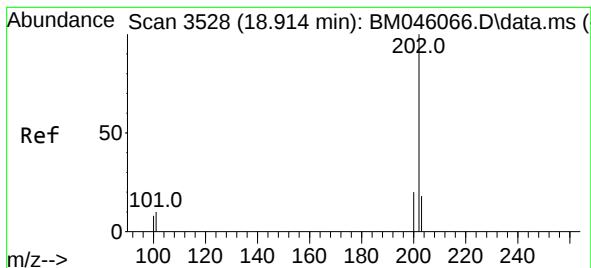


#16
Anthracene
Concen: 1.007 ng/u1
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42



Tgt Ion:178 Resp: 29337
Ion Ratio Lower Upper
178 100
179 17.1 14.9 22.3
176 19.5 17.0 25.4





#19

Fluoranthene

Concen: 5.977 ng/u1

RT: 18.885 min Scan# 3

Delta R.T. -0.033 min

Lab File: BM046069.D

Acq: 19 Jun 2024 02:42

Instrument :

BNA_M

ClientSampleId :

A4BN3MS

Tgt Ion:202 Resp: 301609

Ion Ratio Lower Upper

202 100

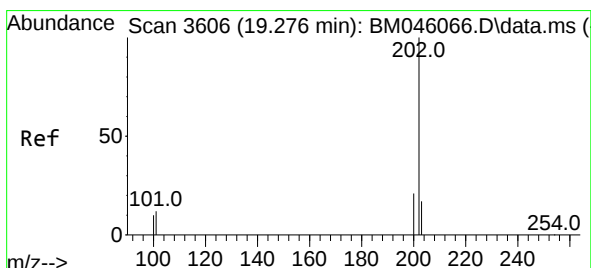
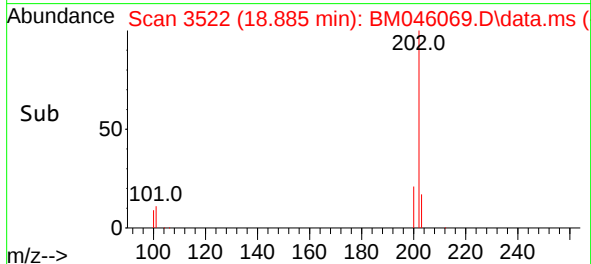
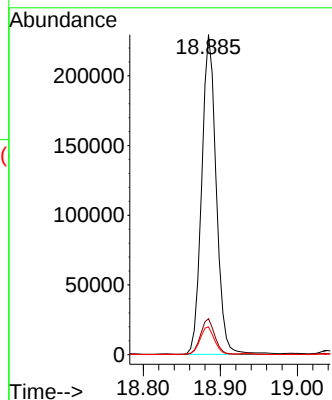
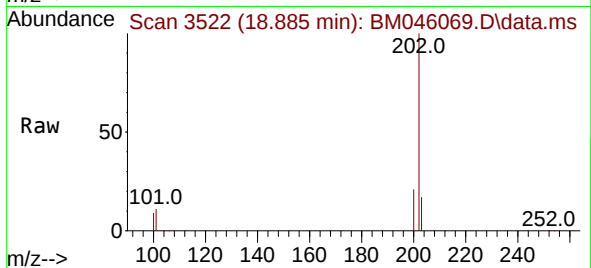
101 11.3 9.6 14.4

100 8.7 7.6 11.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20

Pyrene

Concen: 3.883 ng/u1

RT: 19.247 min Scan# 3600

Delta R.T. -0.028 min

Lab File: BM046069.D

Acq: 19 Jun 2024 02:42

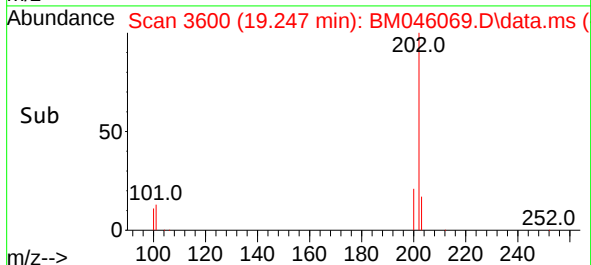
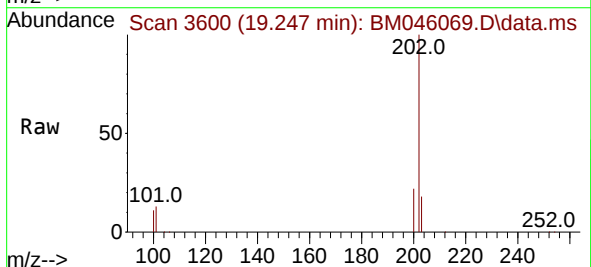
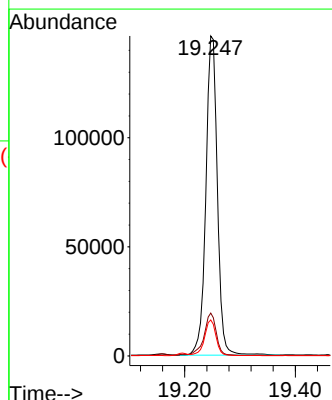
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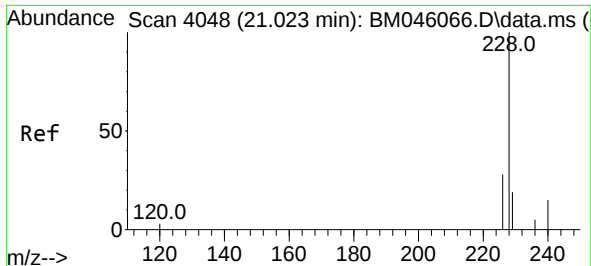
Ion Ratio Lower Upper

202 100

101 13.4 11.3 16.9

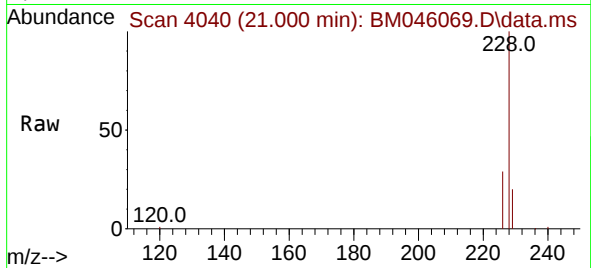
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.132 ng/ul
RT: 21.000 min Scan# 4048
Delta R.T. -0.029 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

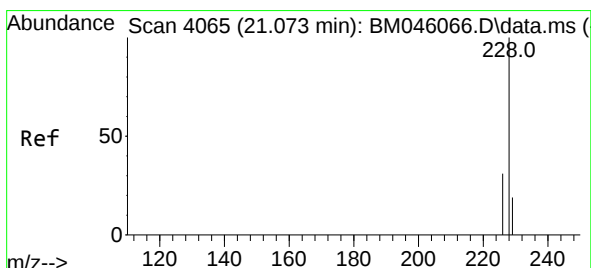
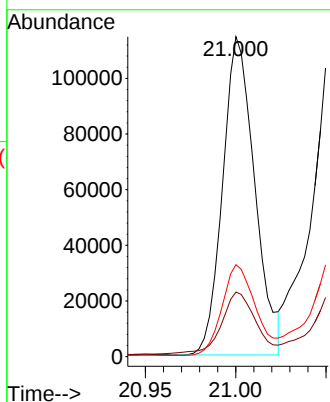
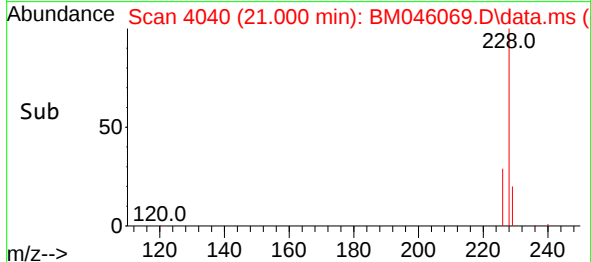
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



Tgt Ion:228 Resp: 141010
Ion Ratio Lower Upper
228 100
229 20.2 16.4 24.6
226 28.7 23.4 35.2

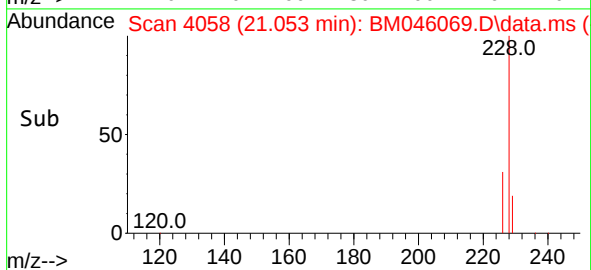
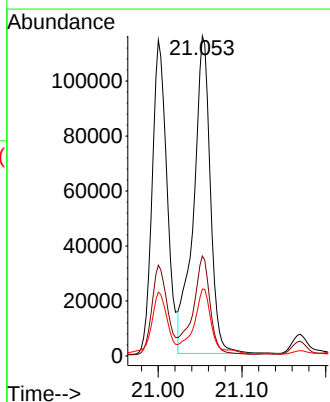
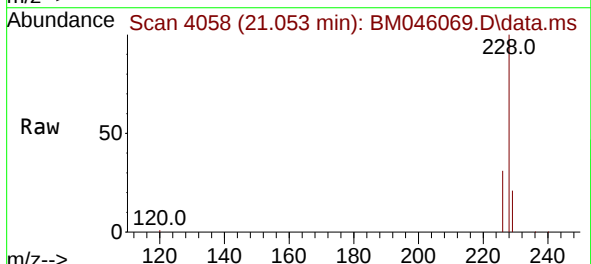
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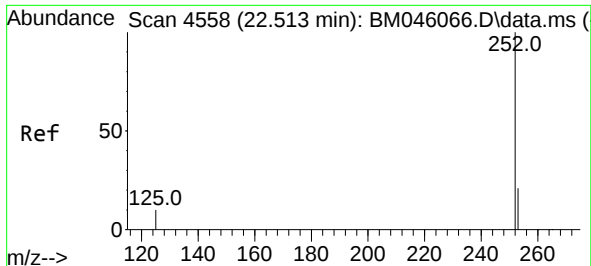
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.803 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

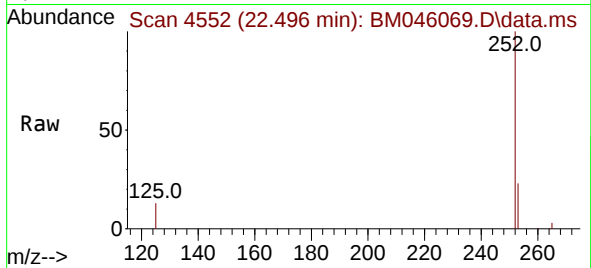
Tgt Ion:228 Resp: 161043
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.114 ng/ul m
RT: 22.496 min Scan# 4552
Delta R.T. -0.023 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

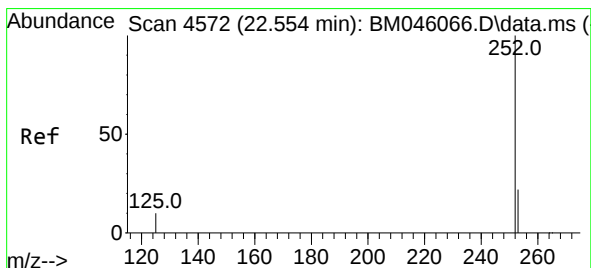
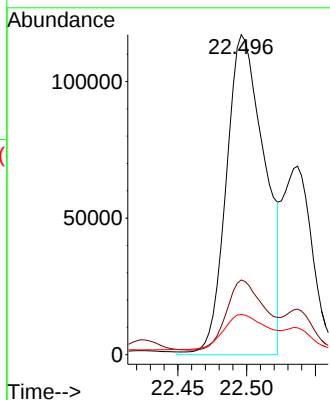
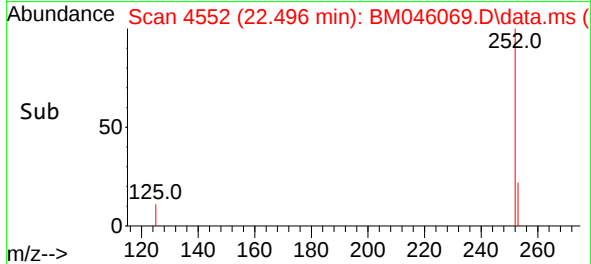
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



Tgt Ion:252 Resp: 227624
Ion Ratio Lower Upper
252 100
253 23.4 0.0 65.8
125 12.6 0.0 40.2

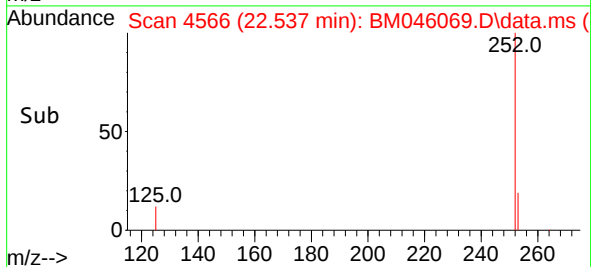
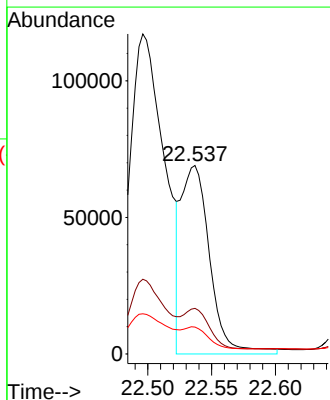
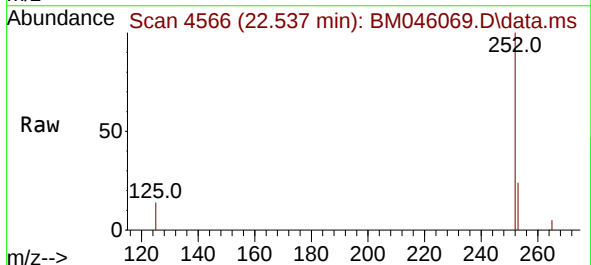
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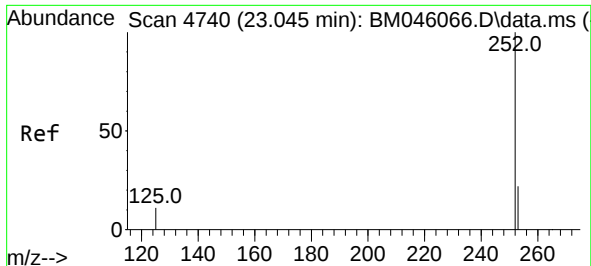
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.637 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

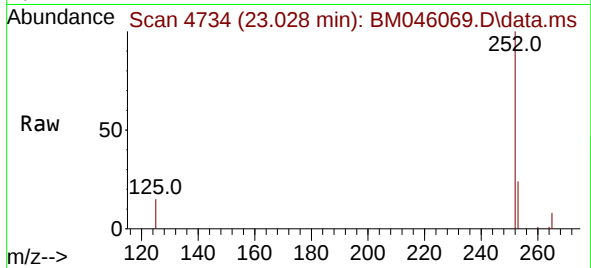
Tgt Ion:252 Resp: 107645
Ion Ratio Lower Upper
252 100
253 24.2 27.2 40.8#
125 14.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.564 ng/ul
RT: 23.028 min Scan# 41
Delta R.T. -0.026 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

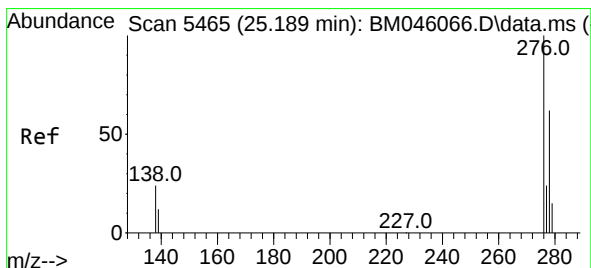
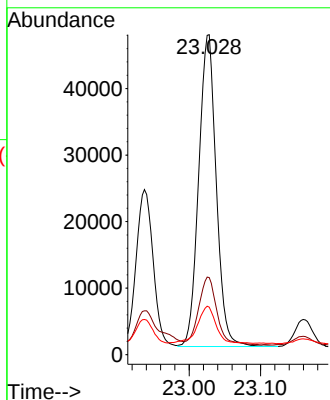
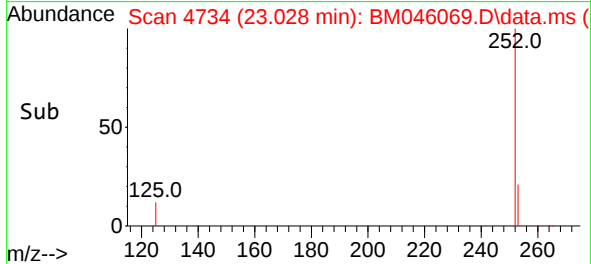
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



Tgt Ion:252 Resp: 8018
Ion Ratio Lower Upper
252 100
253 24.1 32.1 48.1
125 14.8 21.2 31.8

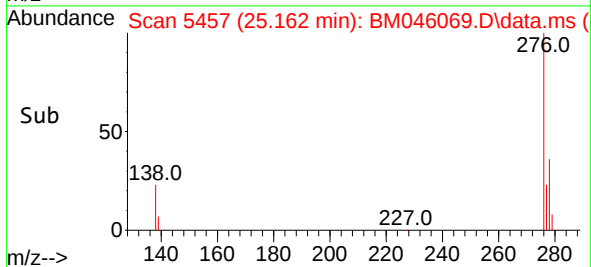
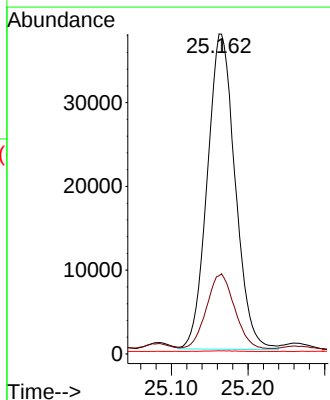
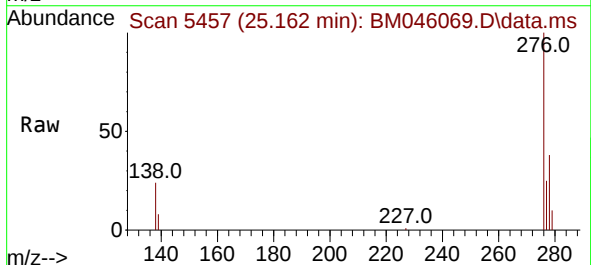
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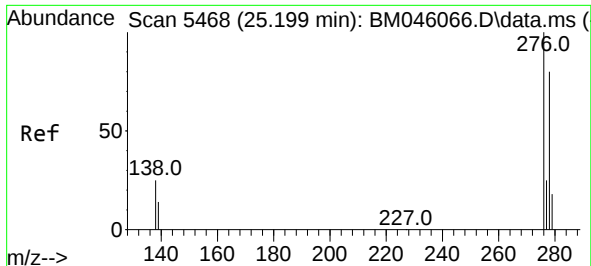
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.134 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.040 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

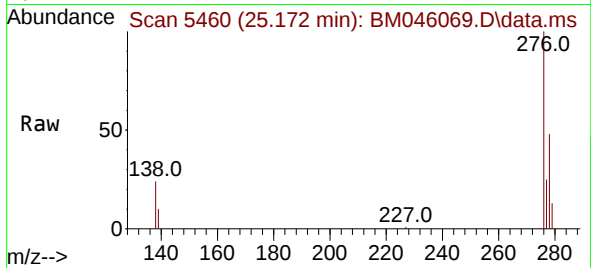
Tgt Ion:276 Resp: 95175
Ion Ratio Lower Upper
276 100
138 23.9 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.701 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.044 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

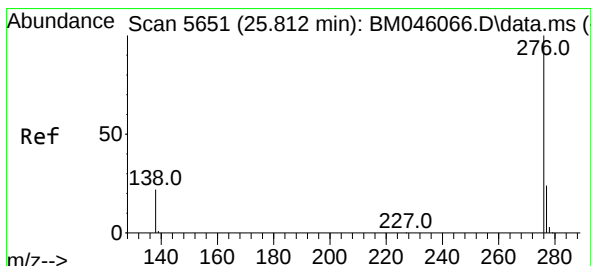
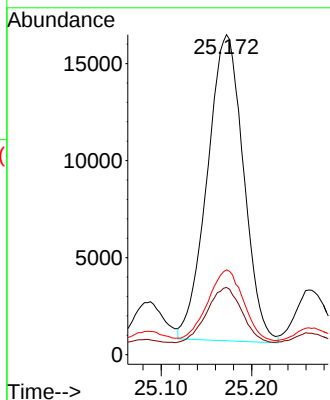
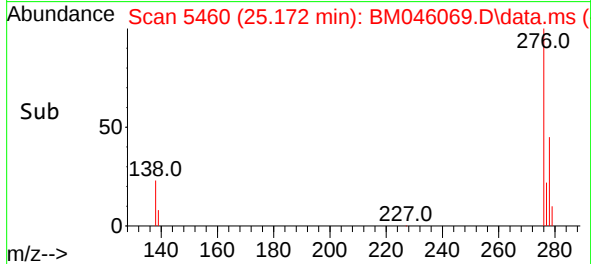
Instrument :
BNA_M
ClientSampleId :
A4BN3MS



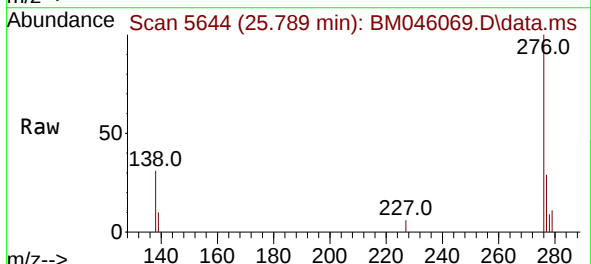
Tgt Ion:278 Resp: 4380
Ion Ratio Lower Upper
278 100
139 21.0 17.6 26.4
279 26.5 26.3 39.5

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.195 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.040 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42



Tgt Ion:276 Resp: 14053
Ion Ratio Lower Upper
276 100
138 30.7 21.7 32.5
277 29.1 20.4 30.6

