

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046005.D
 Acq On : 12 Jun 2024 20:39
 Operator : MA/JU
 Sample : P2659-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC25

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 04:15:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	146408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	626082	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	400366	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	839994	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	690864	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	660147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	14788	3.916	ng/uL	0.00
4) Pyridine-d5	3.458	84	77145	7.934	ng/u1	0.00
7) Phenol-d5	6.687	99	311841	25.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	220791	24.721	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	245862	26.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	229719	24.447	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	124730	25.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	131029	26.448	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	237503	25.564	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	123344	9.593	ng/u1	0.01
46) Dimethylphthalate-d6	13.527	166	721016	26.013	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	840283	26.107	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	89709	14.997	ng/u1	0.00
60) Fluorene-d10	15.074	176	630334	26.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	67052	15.632	ng/u1	0.00
73) Anthracene-d10	16.921	188	991060	27.140	ng/u1	0.00
81) Pyrene-d10	19.227	212	1047070	24.371	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	595633	19.305	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.281	105	38355	2.449	ng/u1	90
30) Naphthalene	10.251	128	65041	1.948	ng/u1	99
36) 2-Methylnaphthalene	11.875	142	37601	1.701	ng/u1	97
37) 1-Methylnaphthalene	12.098	142	44422	2.009	ng/u1#	88
50) Acenaphthylene	13.798	152	551624	14.808	ng/u1	99
52) Acenaphthene	14.139	153	78050	3.140	ng/u1	96
56) Dibenzofuran	14.486	168	70870	2.114	ng/u1	98
61) Fluorene	15.133	166	165861	6.141	ng/u1	98
72) Phenanthrene	16.868	178	4357287	98.447	ng/u1	99
74) Anthracene	16.957	178	735761	16.643	ng/u1	99
77) Carbazole	17.245	167	331253	8.781	ng/u1	99
80) Fluoranthene	18.898	202	9313568	178.814	ng/u1	99
82) Pyrene	19.262	202	7019647	131.174	ng/u1	99
83) Butylbenzylphthalate	20.180	149	88873	4.075	ng/u1	92
85) Benzo(a)anthracene	21.027	228	3463581	72.608	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	20.968	149	334276	10.316	ng/u1	99
87) Chrysene	21.086	228	3680592	83.405	ng/u1	97
90) Benzo(b)fluoranthene	22.909	252	4173970	102.885	ng/u1	99
91) Benzo(k)fluoranthene	22.956	252	1380312	34.834	ng/u1	96
93) Benzo(a)pyrene	23.621	252	1776527	49.833	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.738	276	1536123	39.457	ng/u1	99
95) Dibenzo(a,h)anthracene	26.762	278	491521	15.963	ng/u1#	92
96) Benzo(g,h,i)perylene	27.644	276	214513m	6.256	ng/u1	

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

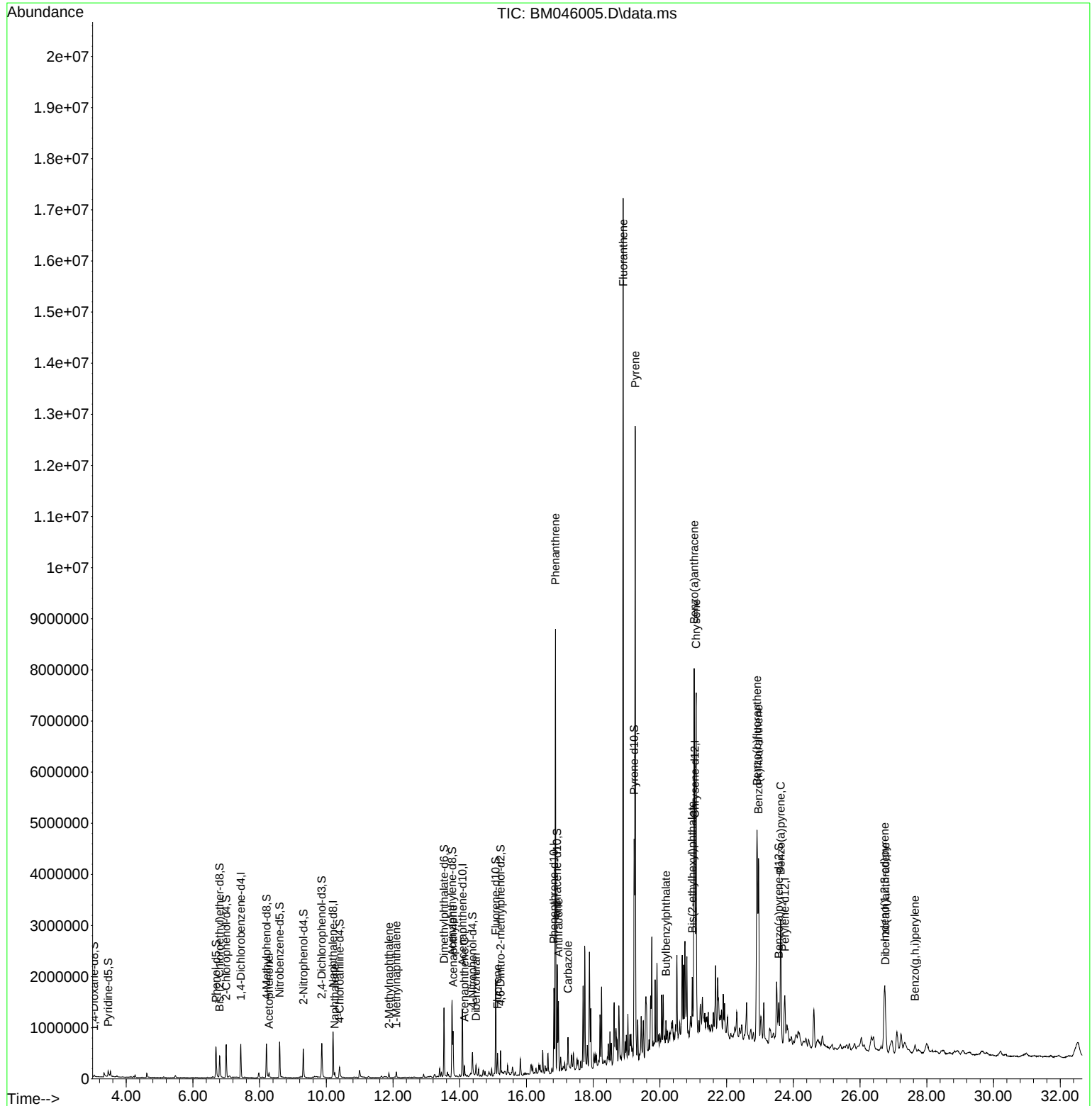
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046005.D
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Sample : P2659-02
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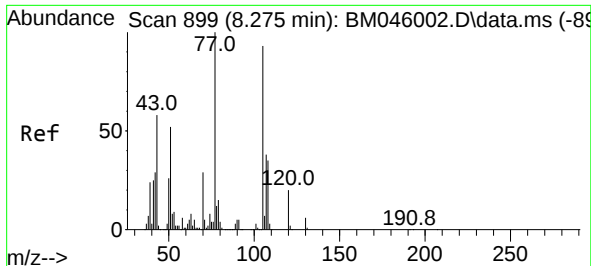
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Quant Title : SVOA CALIBRATION
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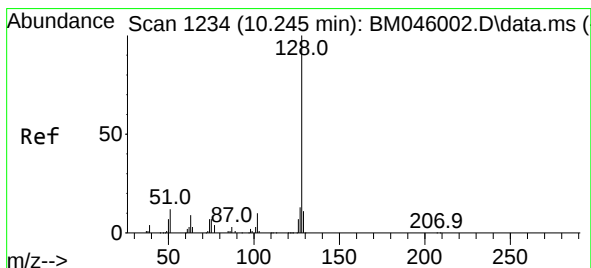
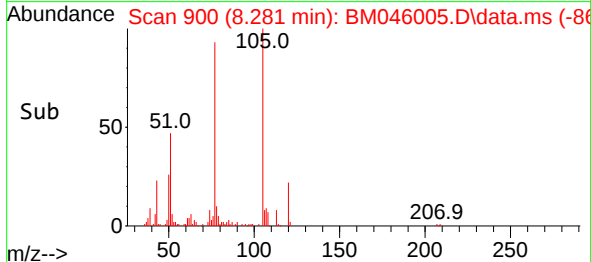
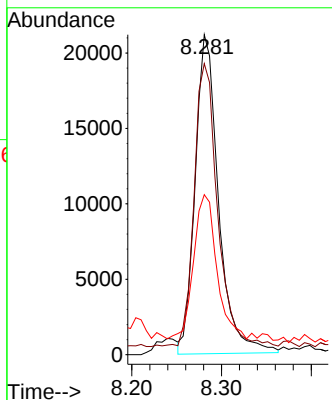
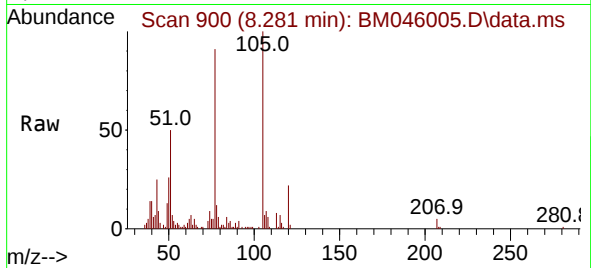
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Acetophenone
Concen: 2.449 ng/ul
RT: 8.281 min Scan# 900
Delta R.T. 0.006 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Instrument :
BNA_M
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BHC25

Tgt Ion:105 Resp: 3835
Ion Ratio Lower Upper
105 100
77 91.0 84.7 127.1
51 50.0 39.4 59.0

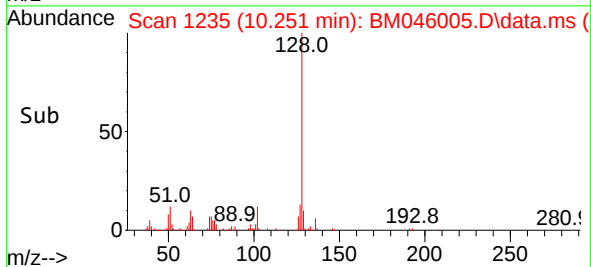
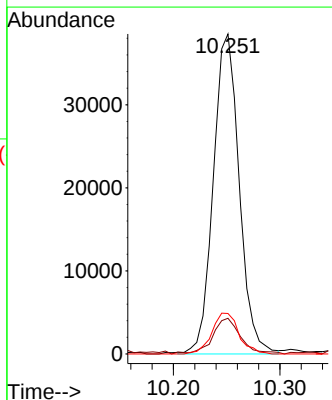
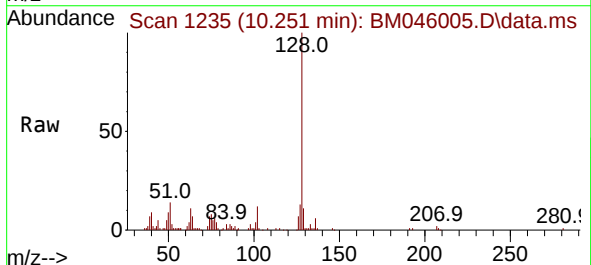
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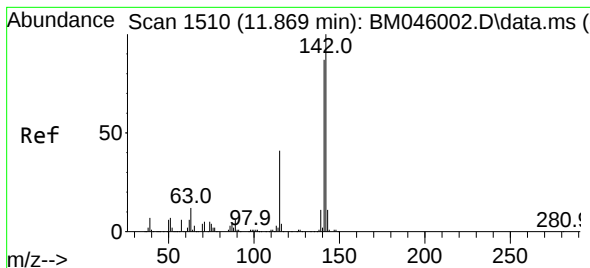
Reviewed By :Jagrut Upadhyay 06/13/2024
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#30
Naphthalene
Concen: 1.948 ng/ul
RT: 10.251 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

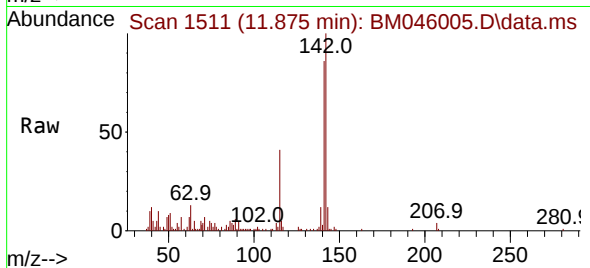
Tgt Ion:128 Resp: 65041
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 12.7 10.3 15.5





#36
2-Methylnaphthalene
Concen: 1.701 ng/ul
RT: 11.875 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

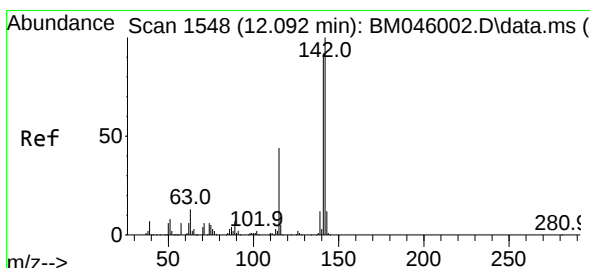
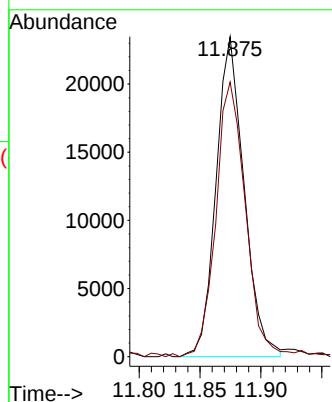
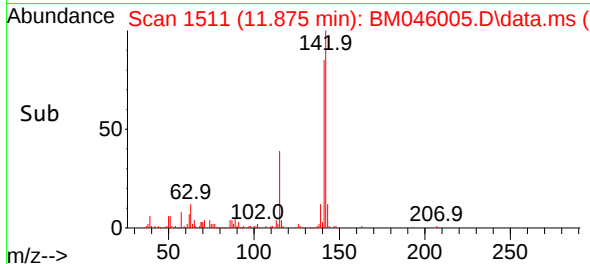
Instrument :
BNA_M
ClientSampleId :
BHC25



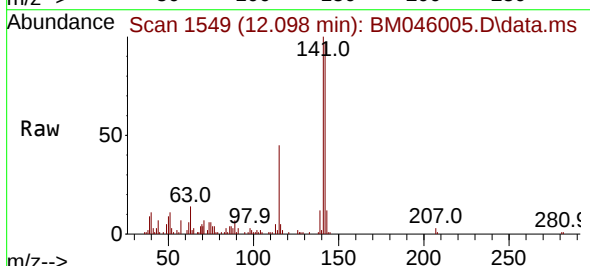
Tgt Ion:142 Resp: 3760
Ion Ratio Lower Upper
142 100
141 85.8 71.1 106.7

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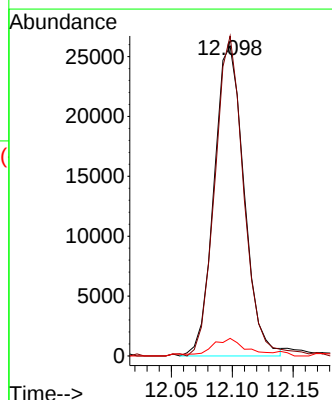
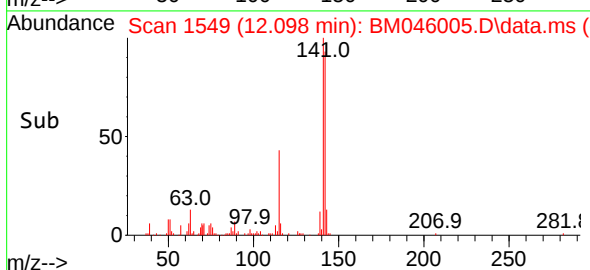
Reviewed By :Jagrut Upadhyay 06/13/2024
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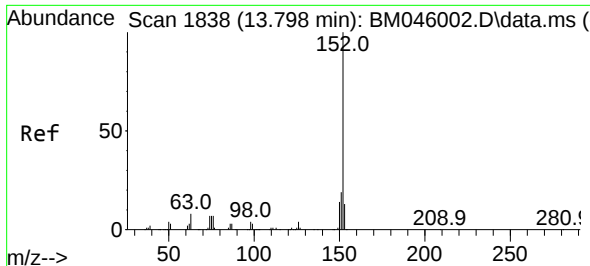


#37
1-Methylnaphthalene
Concen: 2.009 ng/ul
RT: 12.098 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39



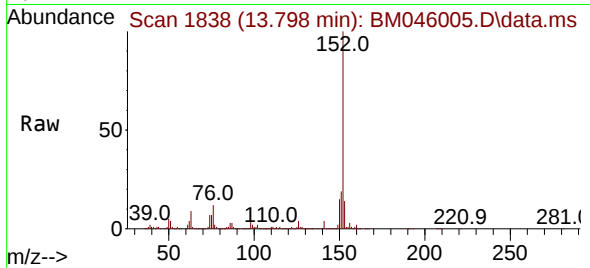
Tgt Ion:142 Resp: 44422
Ion Ratio Lower Upper
142 100
141 103.2 73.5 110.3
116 5.7 3.3 4.9#





#50
Acenaphthylene
Concen: 14.808 ng/ul
RT: 13.798 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

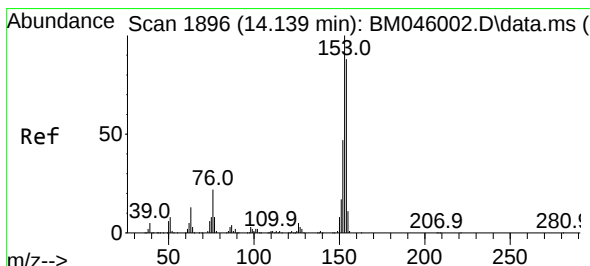
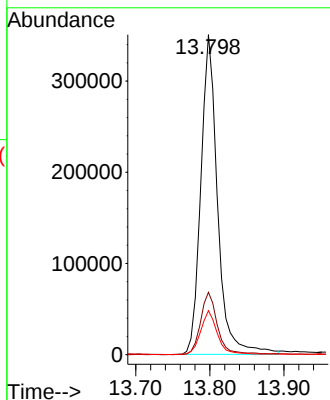
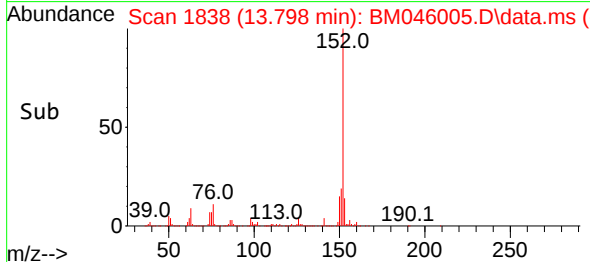
Instrument :
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ClientSampleId :
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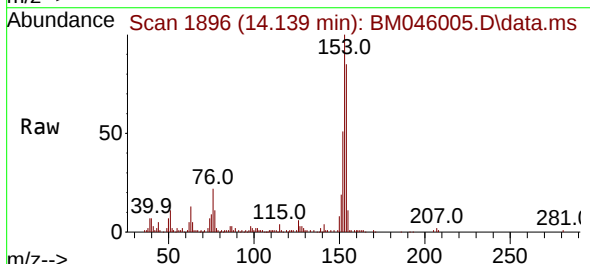
Tgt Ion:152 Resp: 551624
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.8 10.4 15.6

Manual Integrations
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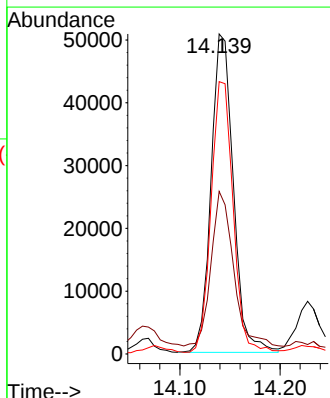
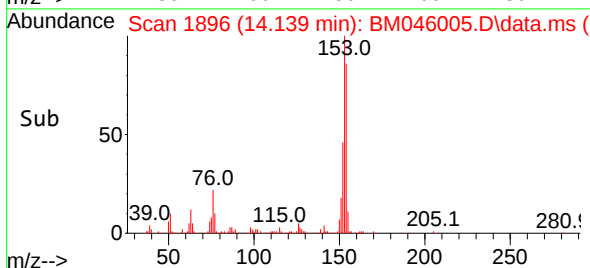
Reviewed By :Jagrut Upadhyay 06/13/2024
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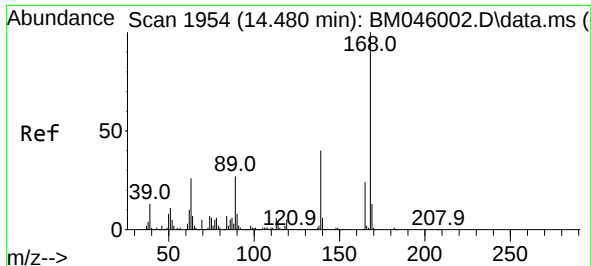


#52
Acenaphthene
Concen: 3.140 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39



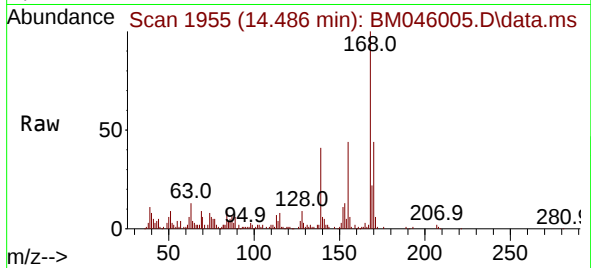
Tgt Ion:153 Resp: 78050
Ion Ratio Lower Upper
153 100
152 50.8 38.6 58.0
154 85.1 70.7 106.1





#56
Dibenzenofuran
Concen: 2.114 ng/ul
RT: 14.486 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

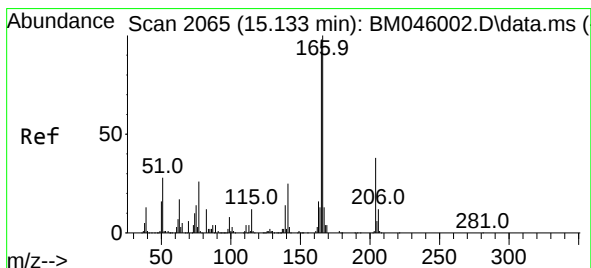
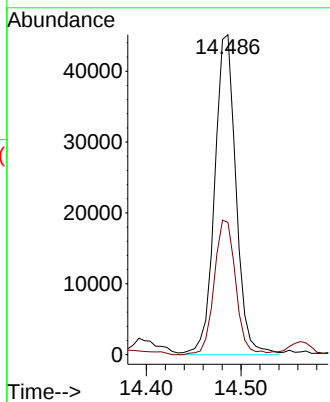
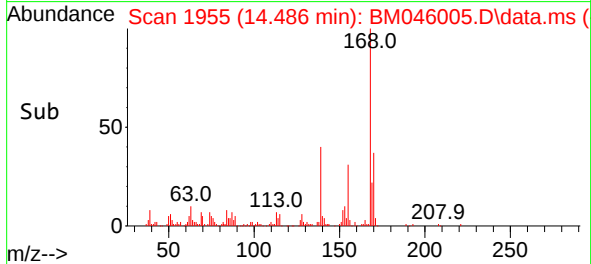
Instrument :
BNA_M
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Tgt Ion:168 Resp: 70870
Ion Ratio Lower Upper
168 100
139 41.3 32.2 48.2

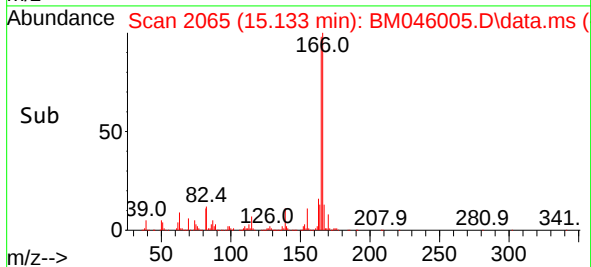
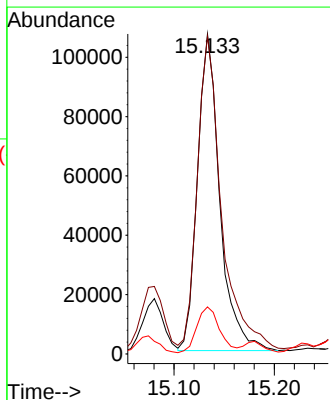
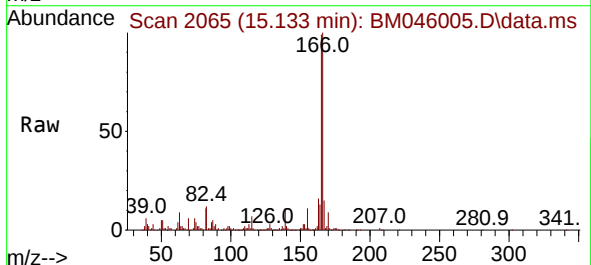
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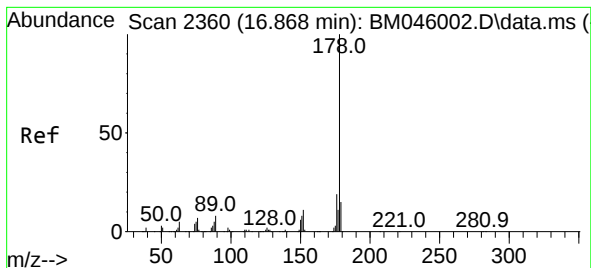
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#61
Fluorene
Concen: 6.141 ng/ul
RT: 15.133 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:166 Resp: 165861
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 14.7 10.6 16.0





#72

Phenanthrene

Concen: 98.447 ng/ul

RT: 16.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

Tgt Ion:178 Resp: 435728

Ion Ratio Lower Upper

178 100

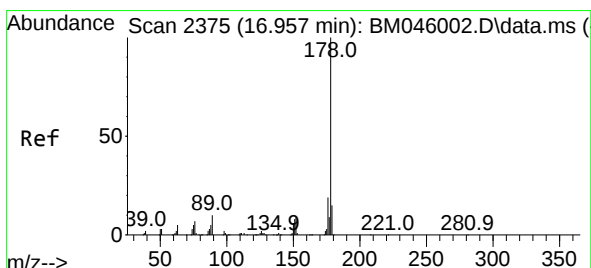
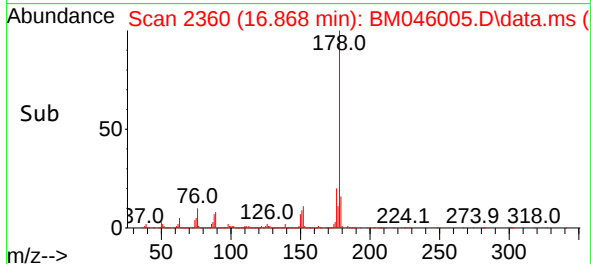
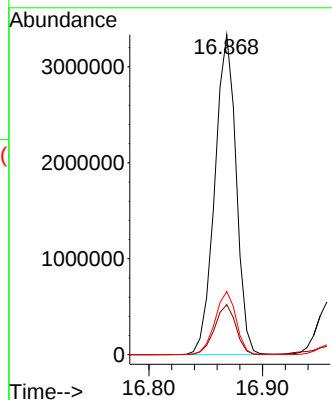
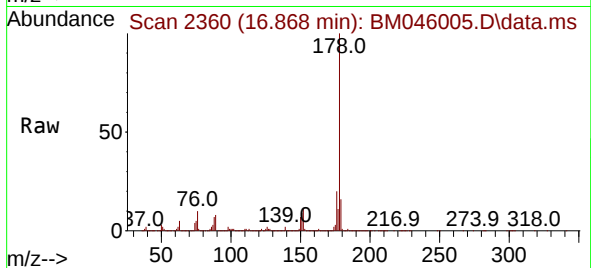
179 15.7 12.4 18.6

176 19.7 15.3 22.9

Manual Integrations

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#74

Anthracene

Concen: 16.643 ng/ul

RT: 16.957 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

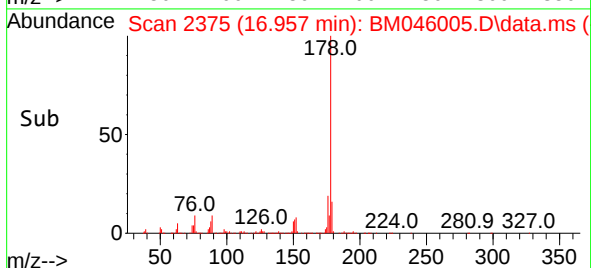
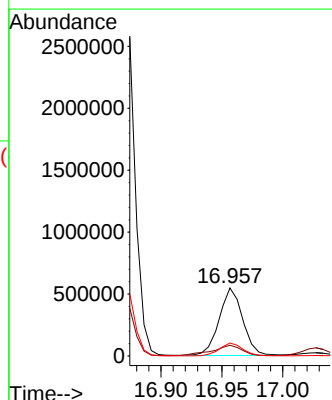
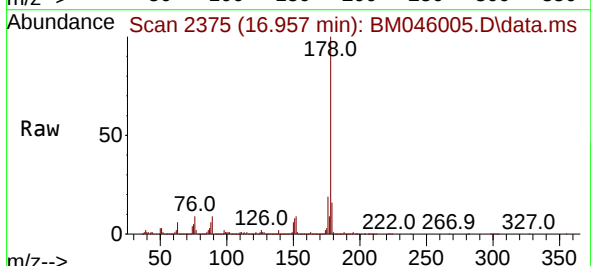
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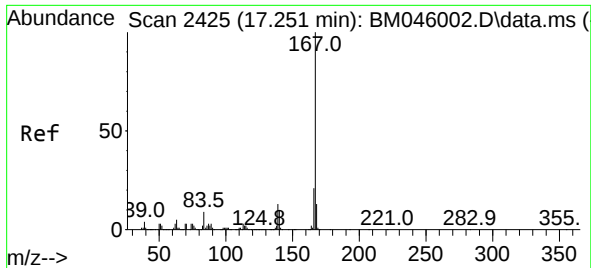
Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

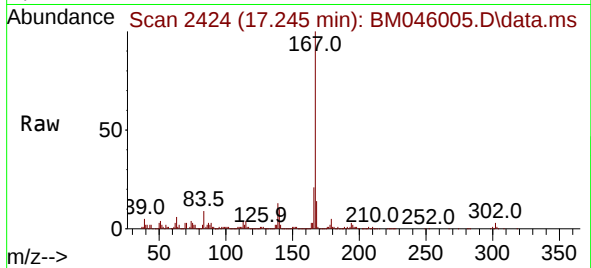
176 19.0 15.0 22.6





#77
 Carbazole
 Concen: 8.781 ng/ul
 RT: 17.245 min Scan# 2425
 Delta R.T. -0.012 min
 Lab File: BM046005.D
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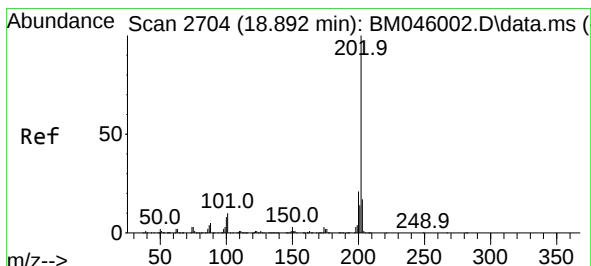
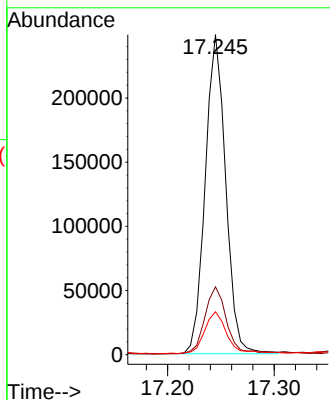
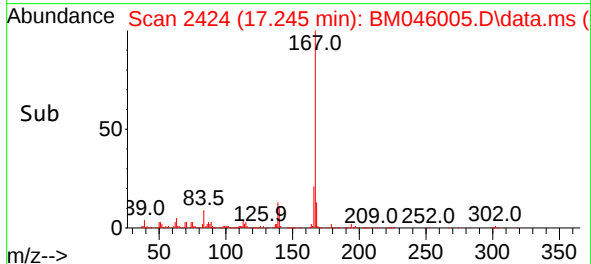
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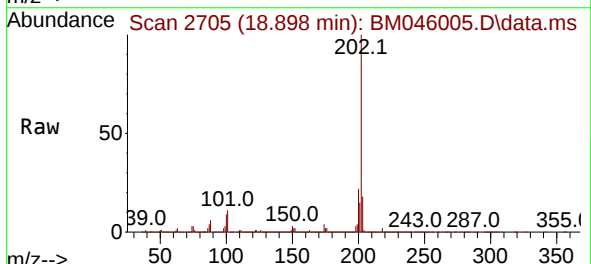
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 Ion Ratio Lower Upper
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 139 13.4 10.6 16.0

Manual Integrations
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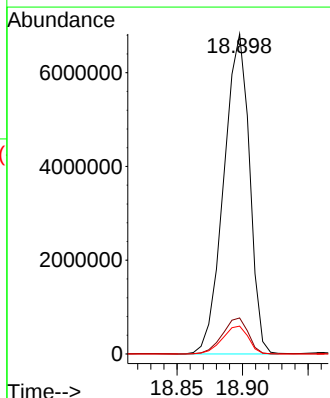
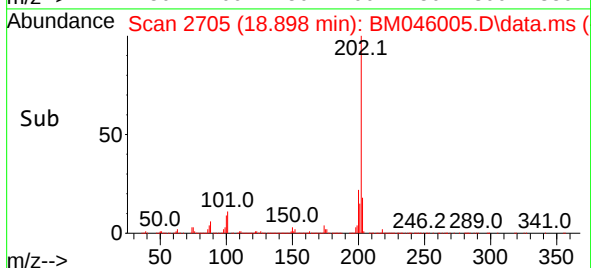
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

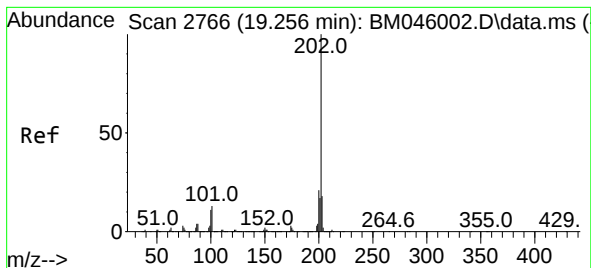


#80
 Fluoranthene
 Concen: 178.814 ng/ul
 RT: 18.898 min Scan# 2705
 Delta R.T. 0.006 min
 Lab File: BM046005.D
 Acq: 12 Jun 2024 20:39



Tgt Ion:202 Resp: 9313568
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.9 13.3
 100 8.7 6.6 10.0





#82

Pyrene

Concen: 131.174 ng/ul

RT: 19.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

Tgt Ion:202 Resp: 701964

Ion Ratio Lower Upper

202 100

101 12.5 10.5 15.7

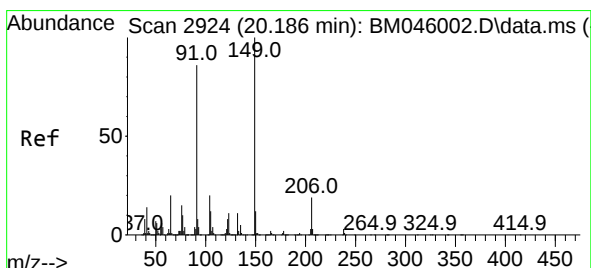
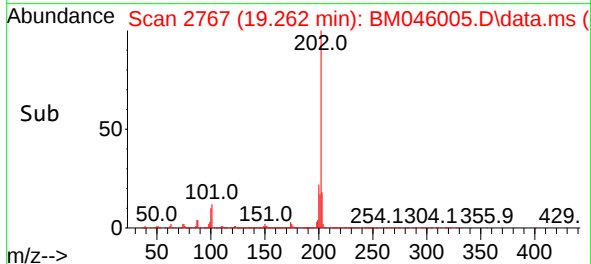
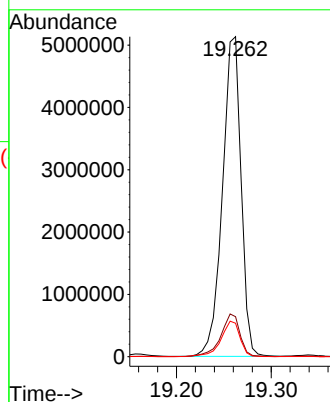
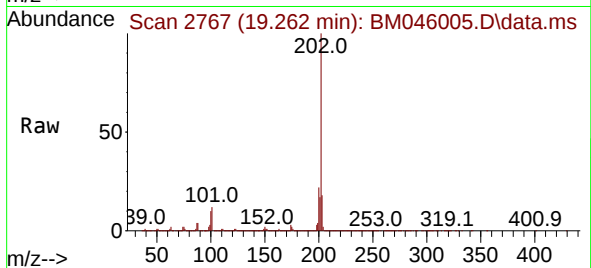
100 10.4 8.6 12.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/15/2024



#83

Butylbenzylphthalate

Concen: 4.075 ng/ul

RT: 20.180 min Scan# 2923

Delta R.T. -0.006 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

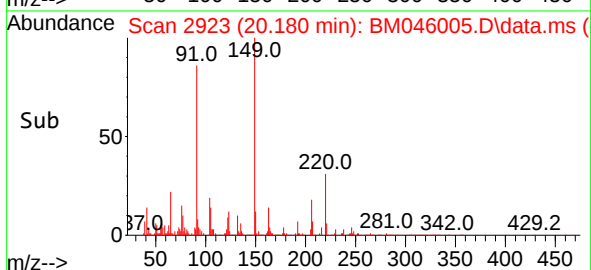
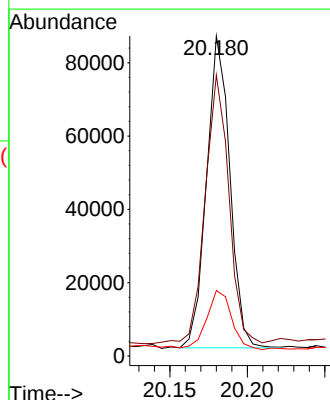
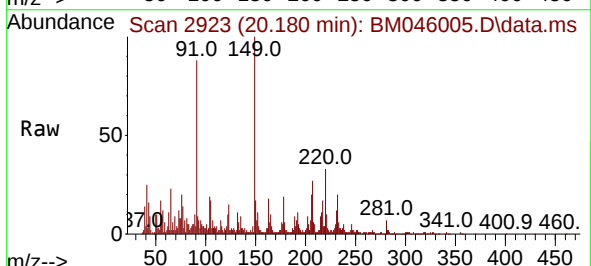
Tgt Ion:149 Resp: 88873

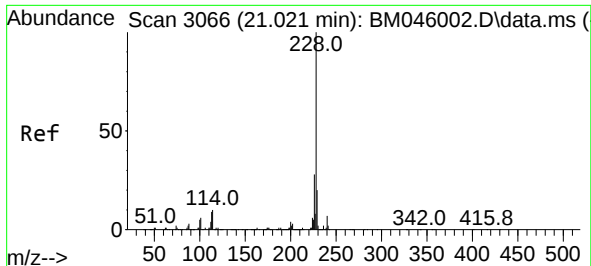
Ion Ratio Lower Upper

149 100

91 87.8 63.7 95.5

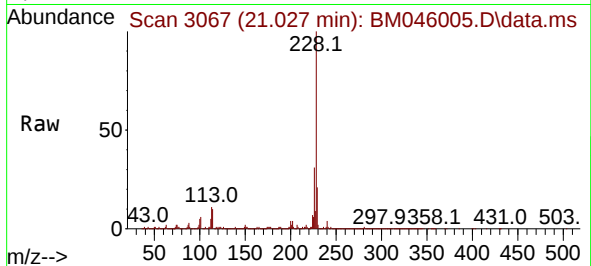
206 20.4 15.9 23.9





#85
Benzo(a)anthracene
Concen: 72.608 ng/ul
RT: 21.027 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

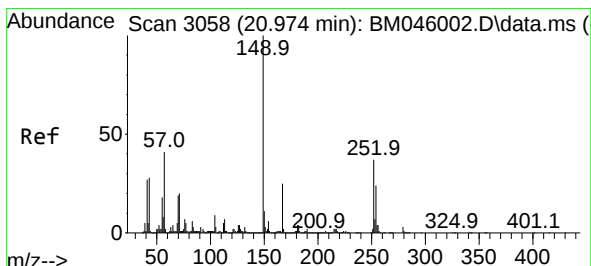
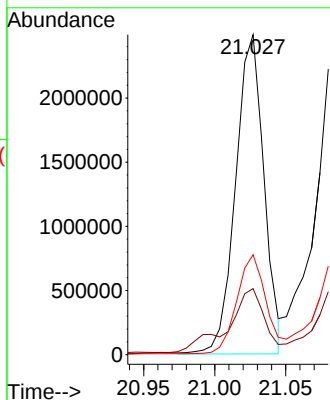
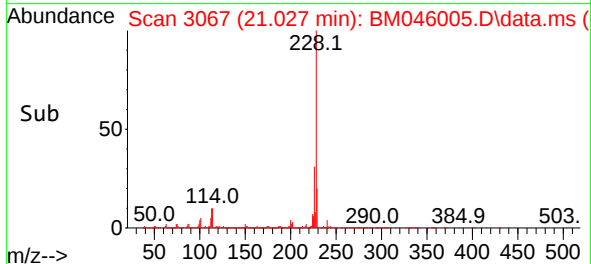
Instrument :
BNA_M
ClientSampleId :
BHC25



Tgt Ion:228 Resp: 346358
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 31.3 21.4 32.0

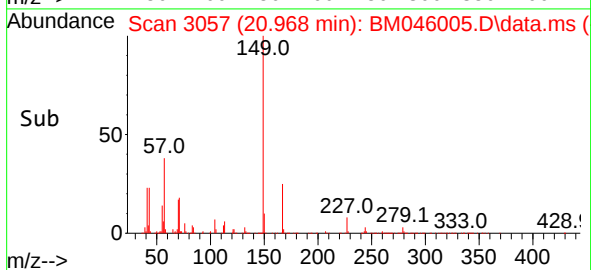
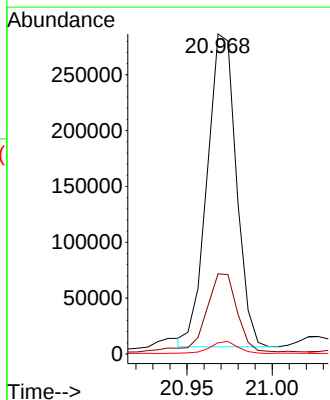
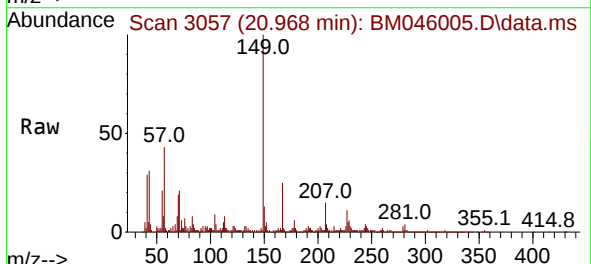
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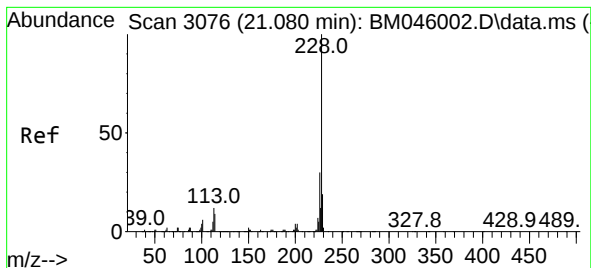
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 10.316 ng/ul
RT: 20.968 min Scan# 3057
Delta R.T. -0.012 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:149 Resp: 334276
Ion Ratio Lower Upper
149 100
167 25.0 20.4 30.6
279 3.5 3.1 4.7





#87

Chrysene

Concen: 83.405 ng/u1

RT: 21.086 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

Tgt Ion:228 Resp: 368059

Ion Ratio Lower Upper

228 100

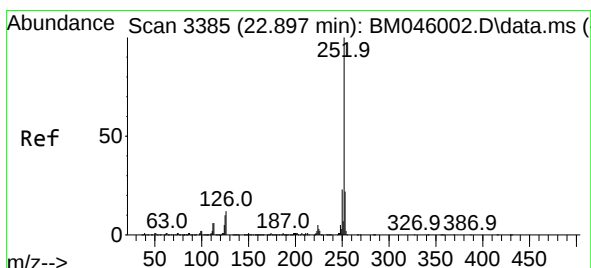
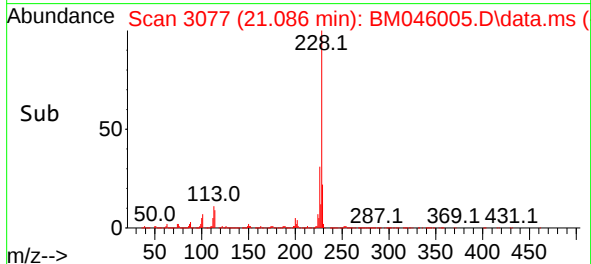
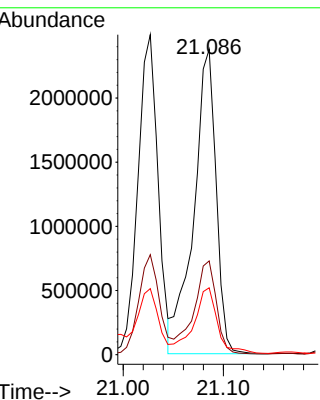
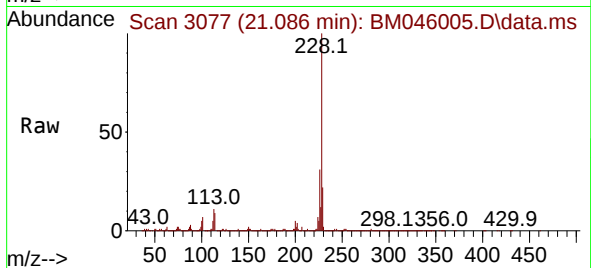
226 30.7 24.2 36.2

229 21.9 15.2 22.8

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Supervised By :mohammad ahmed 06/15/2024



#90

Benzo(b)fluoranthene

Concen: 102.885 ng/u1

RT: 22.909 min Scan# 3387

Delta R.T. 0.006 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

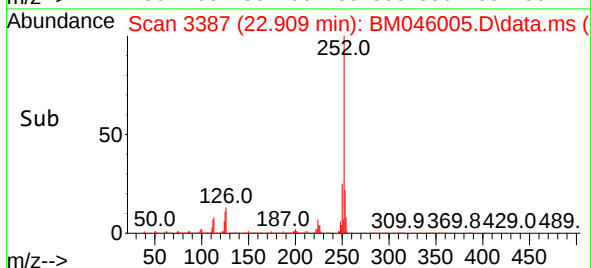
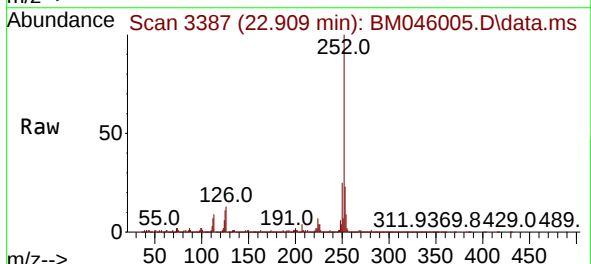
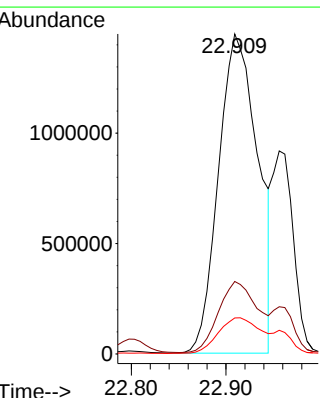
Tgt Ion:252 Resp: 4173970

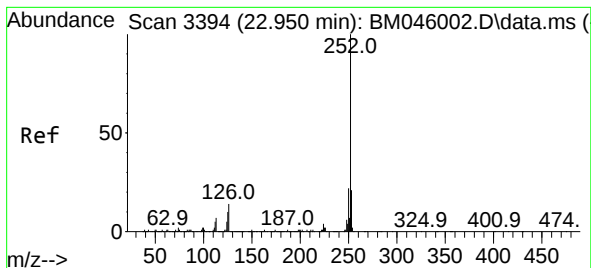
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 11.2 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 34.834 ng/ul

RT: 22.956 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

Tgt Ion:252 Resp: 138031

Ion Ratio Lower Upper

252 100

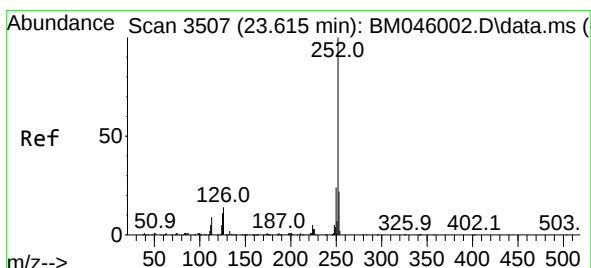
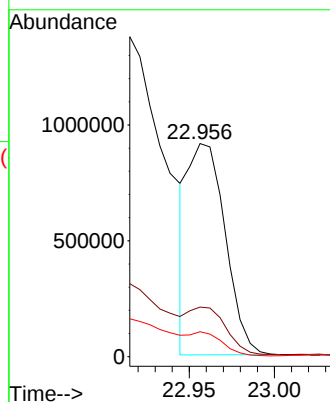
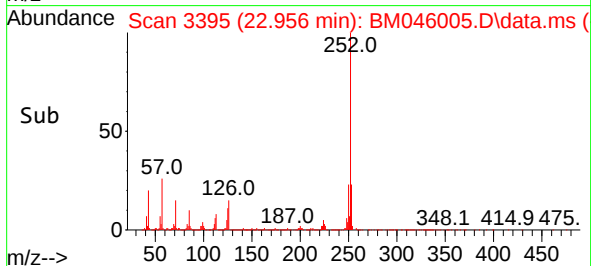
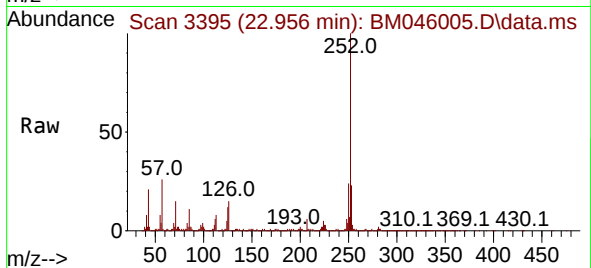
253 23.2 16.8 25.2

125 11.7 8.2 12.4

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Supervised By :mohammad ahmed 06/15/2024



#93

Benzo(a)pyrene

Concen: 49.833 ng/ul

RT: 23.621 min Scan# 3508

Delta R.T. 0.000 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

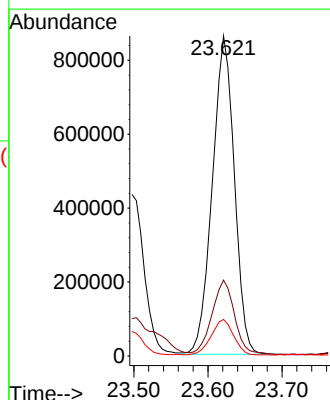
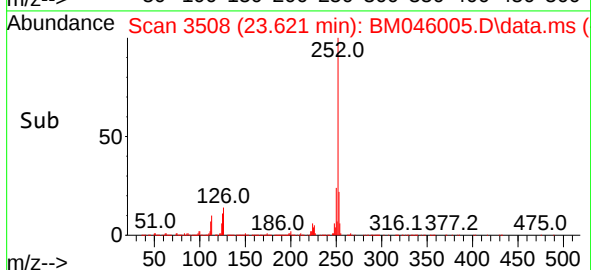
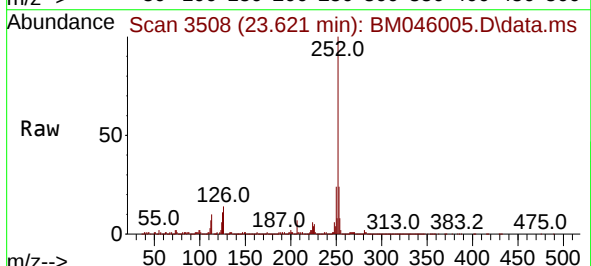
Tgt Ion:252 Resp: 1776527

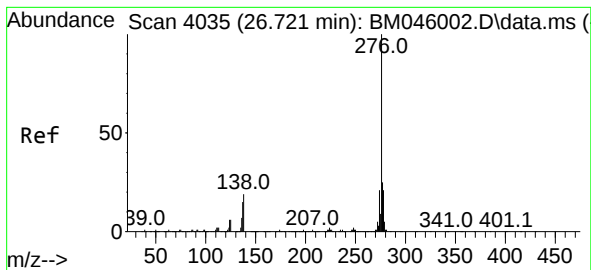
Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

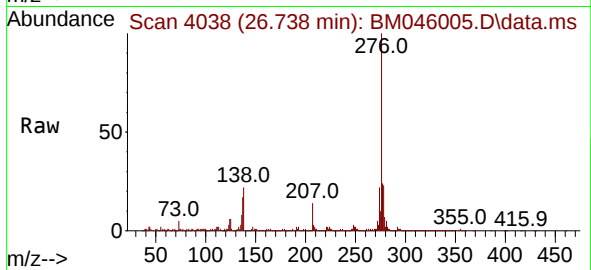
125 11.4 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 39.457 ng/ul
RT: 26.738 min Scan# 4038
Delta R.T. 0.012 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

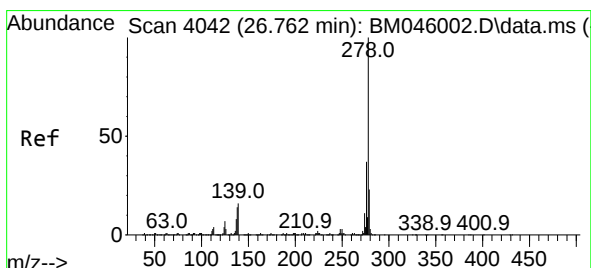
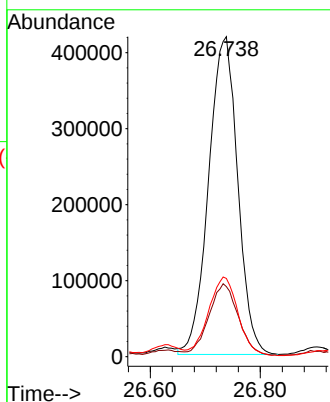
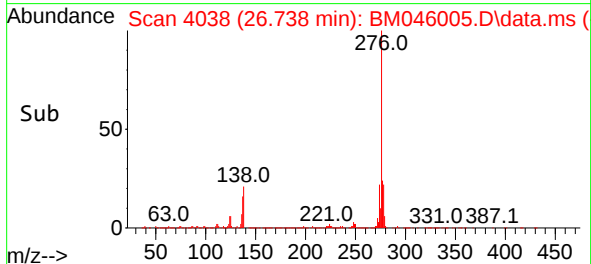
Instrument :
BNA_M
ClientSampleId :
BHC25



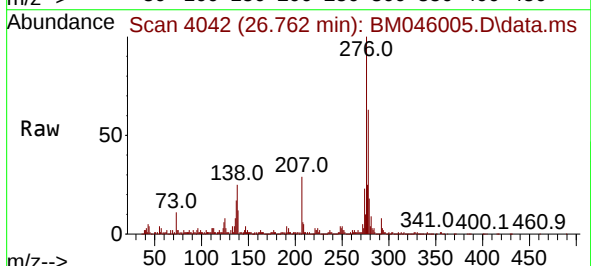
Tgt Ion:276 Resp: 153612
Ion Ratio Lower Upper
276 100
138 21.9 17.9 26.9
277 24.4 19.0 28.6

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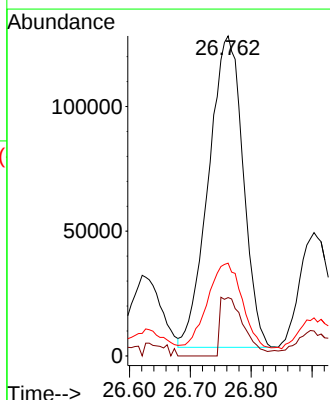
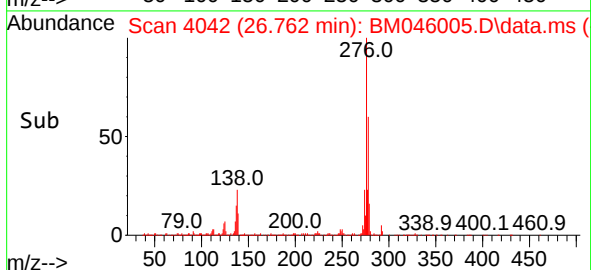
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

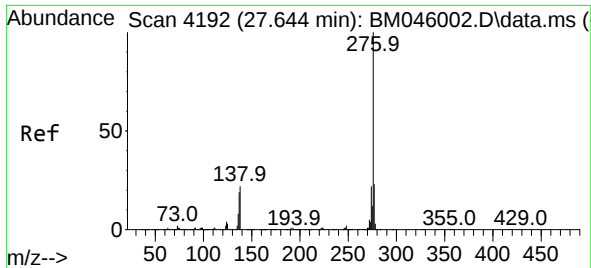


#95
Dibenzo(a,h)anthracene
Concen: 15.963 ng/ul
RT: 26.762 min Scan# 4042
Delta R.T. -0.012 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39



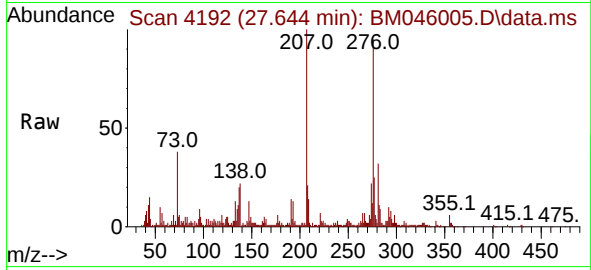
Tgt Ion:278 Resp: 491521
Ion Ratio Lower Upper
278 100
139 18.2 13.2 19.8
279 29.0 19.1 28.7#





#96
Benzo(g,h,i)perylene
Concen: 6.256 ng/ul m
RT: 27.644 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Instrument :
BNA_M
ClientSampleId :
BHC25



Tgt Ion:276 Resp: 21451
Ion Ratio Lower Upper
276 100
138 23.5 18.6 27.8
277 25.8 18.7 28.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

