

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046028.D
 Acq On : 13 Jun 2024 17:56
 Operator : MA/JU
 Sample : P2648-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC51

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 19:09:43 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	131789	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	536397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	323438	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	647829	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	615356	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	699741	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	10121	2.977	ng/uL	0.00
4) Pyridine-d5	3.487	84	21185	2.420	ng/u1	0.04
7) Phenol-d5	6.693	99	218183	19.488	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	161712	20.115	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	173739	20.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	161509	19.094	ng/u1	0.00
21) Nitrobenzene-d5	8.604	128	88540	21.112	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	97529	22.977	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	169567	21.304	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	97288	8.831	ng/u1	0.01
46) Dimethylphthalate-d6	13.527	166	539029	24.073	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	603722	23.219	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	70320	14.552	ng/u1	0.01
60) Fluorene-d10	15.080	176	449222	23.517	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.233	200	41775	12.628	ng/u1	0.01
73) Anthracene-d10	16.927	188	683627	24.274	ng/u1	0.00
81) Pyrene-d10	19.227	212	723870	18.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	584892	17.884	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.287	105	19909	1.412	ng/u1	95
50) Acenaphthylene	13.798	152	124891	4.150	ng/u1	99
52) Acenaphthene	14.145	153	34000	1.693	ng/u1	98
61) Fluorene	15.133	166	40201	1.842	ng/u1#	91
72) Phenanthrene	16.868	178	973480	28.519	ng/u1	99
74) Anthracene	16.957	178	220123	6.456	ng/u1	99
77) Carbazole	17.251	167	87649	3.013	ng/u1#	95
80) Fluoranthene	18.892	202	2262075	48.759	ng/u1	100
82) Pyrene	19.256	202	1752058	36.758	ng/u1	99
83) Butylbenzylphthalate	20.180	149	66450	3.421	ng/u1	87
85) Benzo(a)anthracene	21.027	228	1016816	23.931	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	20.974	149	293483	10.169	ng/u1	99
87) Chrysene	21.080	228	1114884	28.364	ng/u1	97
90) Benzo(b)fluoranthene	22.903	252	1514149	35.211	ng/u1	100
91) Benzo(k)fluoranthene	22.956	252	462840	11.020	ng/u1	96
93) Benzo(a)pyrene	23.621	252	636392	16.841	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.738	276	589375	14.282	ng/u1	98
95) Dibenzo(a,h)anthracene	26.768	278	194292m	5.953	ng/u1	
96) Benzo(g,h,i)perylene	27.668	276	78719	2.166	ng/u1	96

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

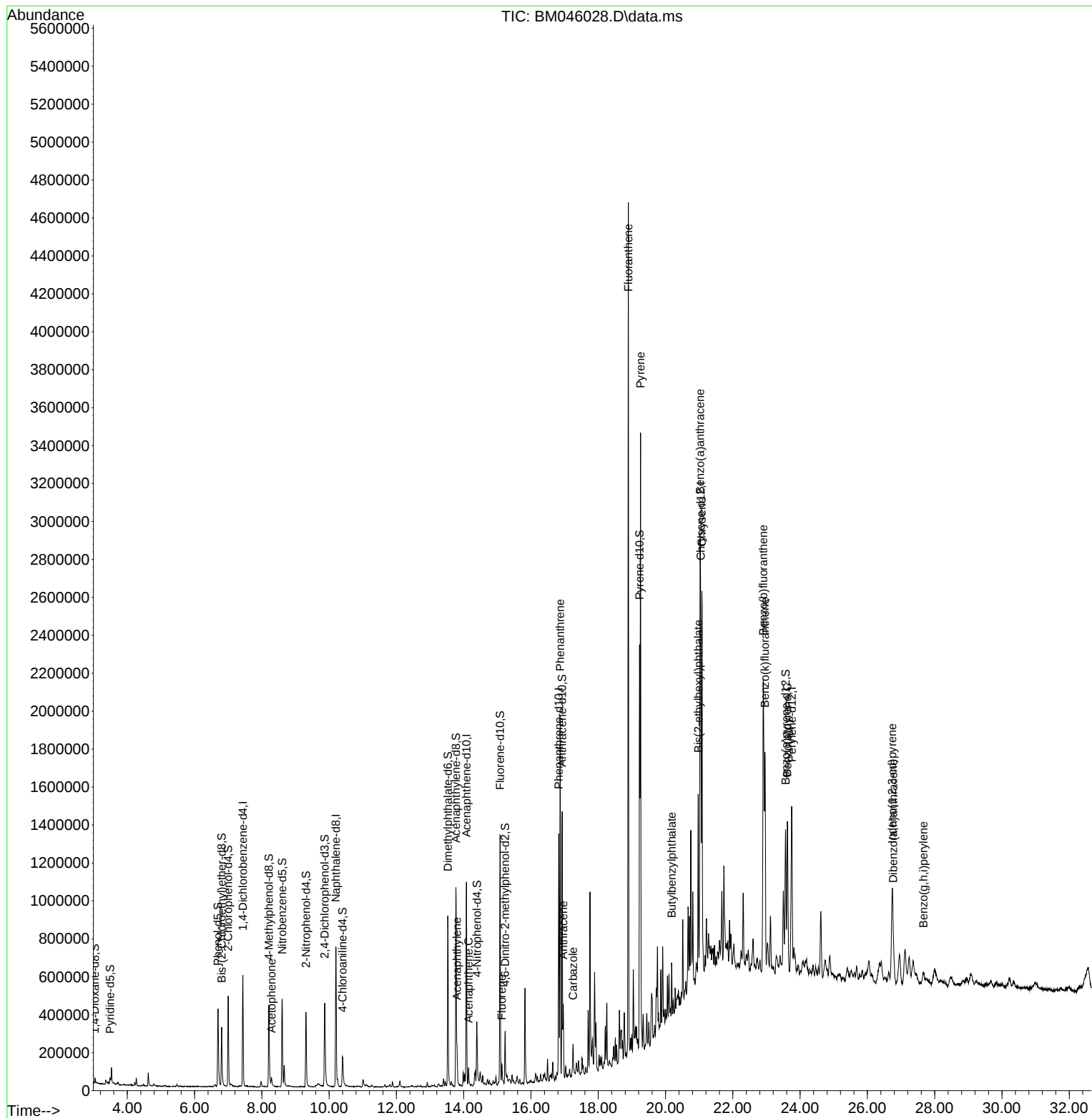
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046028.D
Acq On : 13 Jun 2024 17:56
Operator : MA/JU
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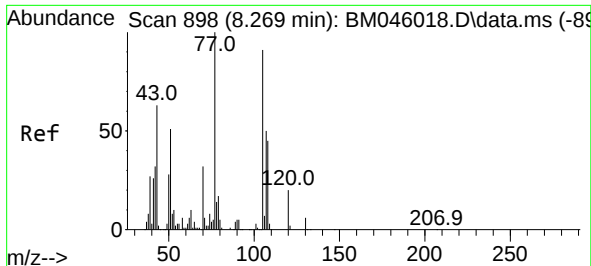
Instrument :
BNA_M
ClientSampleId :
BHC51

Quant Time: Jun 13 19:09:43 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
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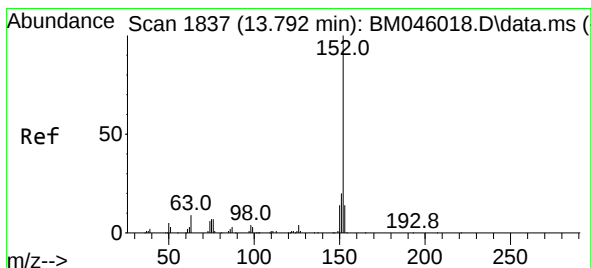
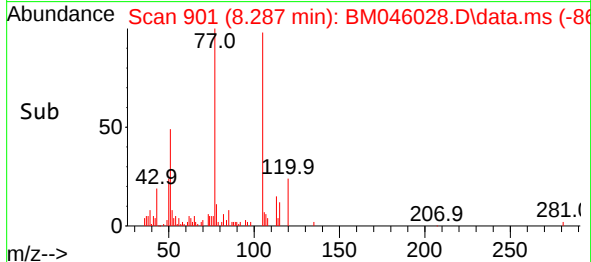
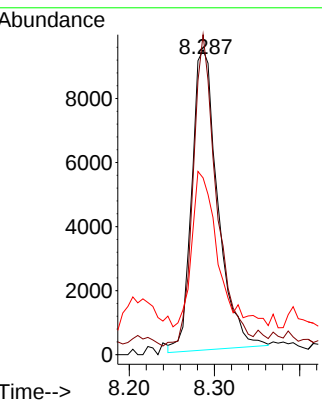
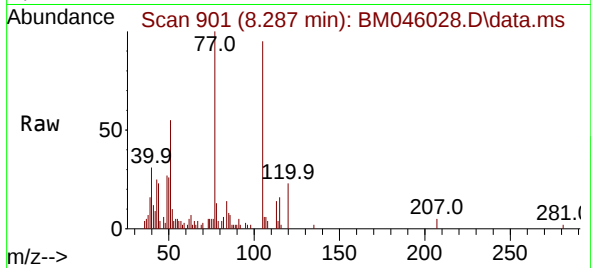
#16
Acetophenone
Concen: 1.412 ng/ul
RT: 8.287 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

Instrument :
BNA_M
ClientSampleId :
BHC51

Tgt Ion	Ratio	Lower	Upper
105	100		
77	105.0	84.7	127.1
51	58.0	39.4	59.0

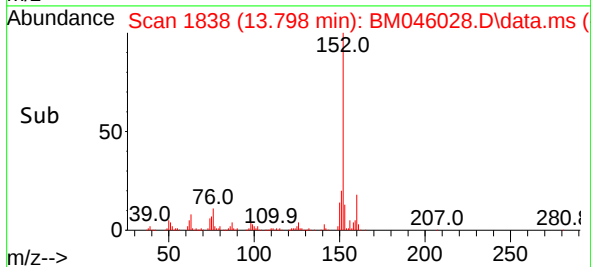
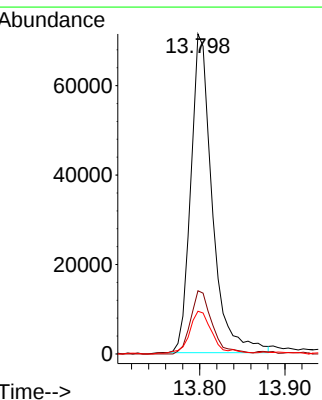
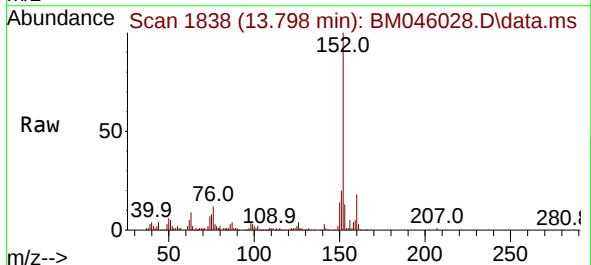
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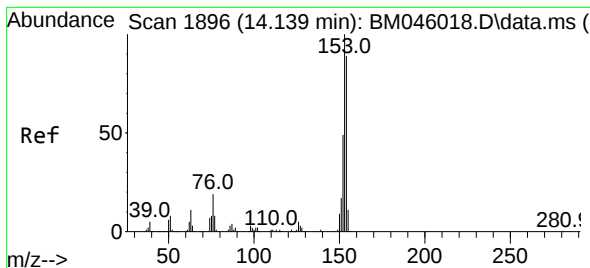
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#50
Acenaphthylene
Concen: 4.150 ng/ul
RT: 13.798 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

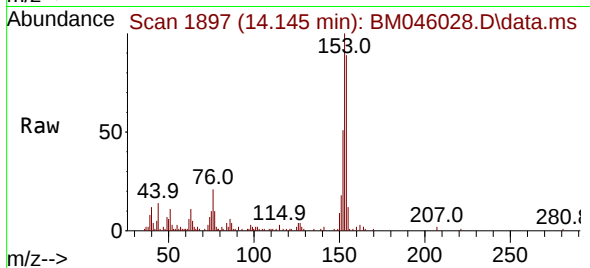
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.4	10.4	15.6





#52
Acenaphthene
Concen: 1.693 ng/ul
RT: 14.145 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

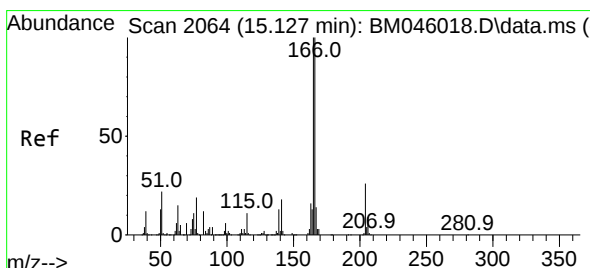
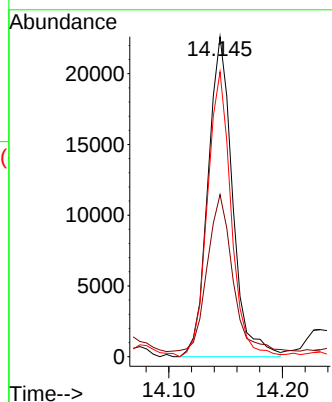
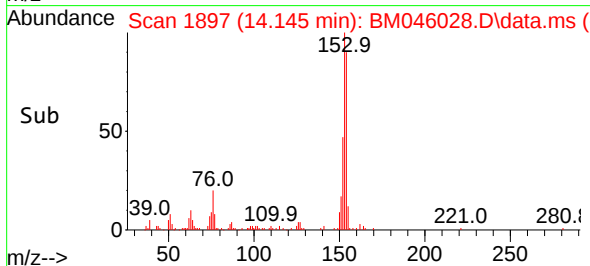
Instrument :
BNA_M
ClientSampleId :
BHC51



Tgt Ion:153 Resp: 34000
Ion Ratio Lower Upper
153 100
152 50.7 38.6 58.0
154 89.1 70.7 106.1

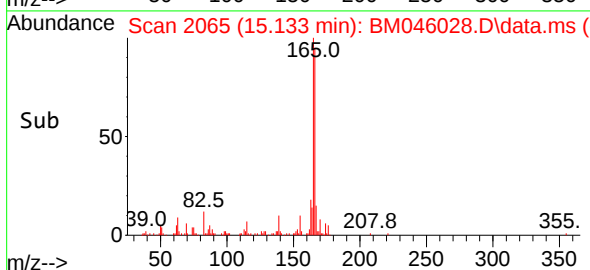
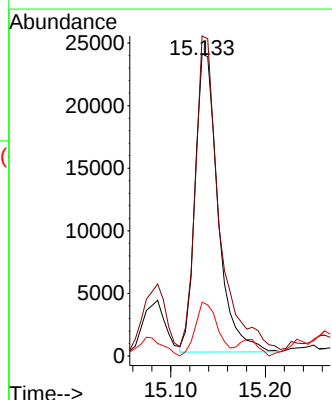
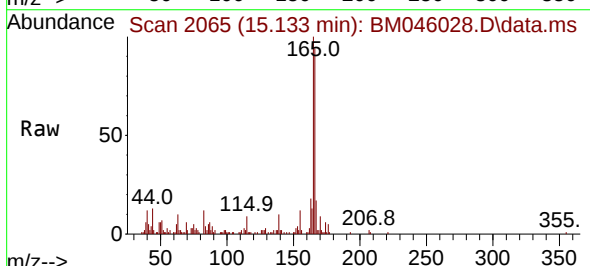
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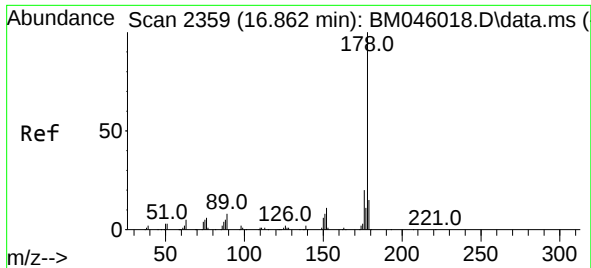
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#61
Fluorene
Concen: 1.842 ng/ul
RT: 15.133 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

Tgt Ion:166 Resp: 40201
Ion Ratio Lower Upper
166 100
165 105.9 78.1 117.1
167 17.8 10.6 16.0#





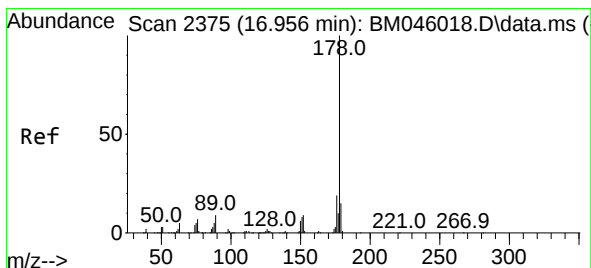
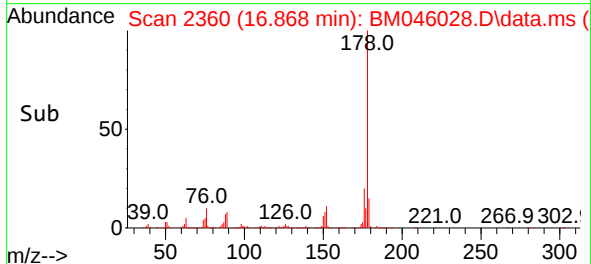
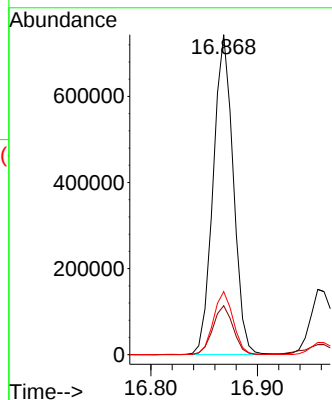
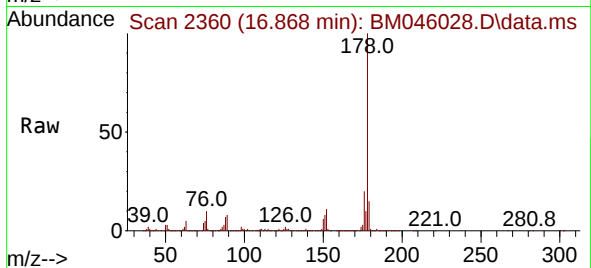
#72
Phenanthrene
Concen: 28.519 ng/ul
RT: 16.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

Instrument :
BNA_M
ClientSampleId :
BHC51

Tgt Ion:178 Resp: 973480
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.7 15.3 22.9

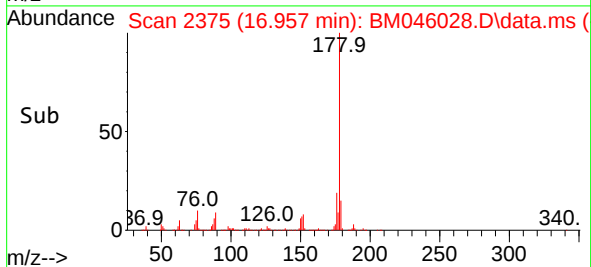
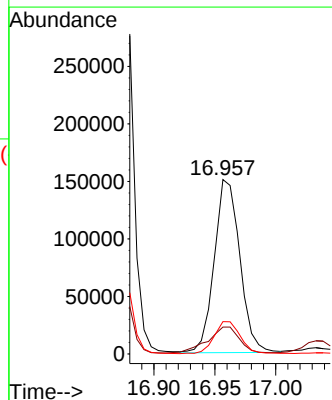
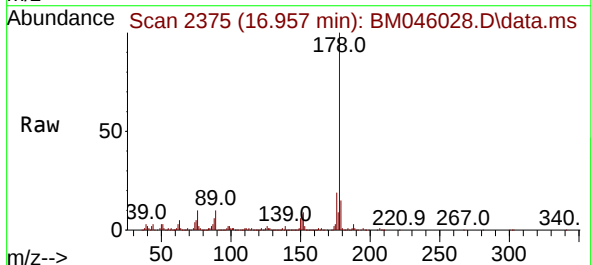
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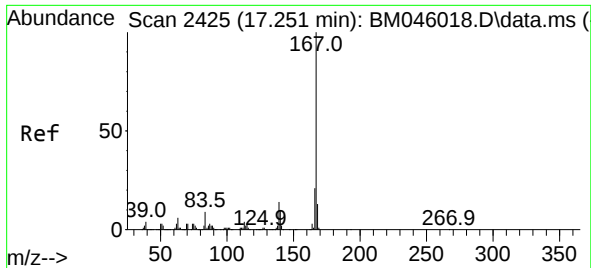
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#74
Anthracene
Concen: 6.456 ng/ul
RT: 16.957 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

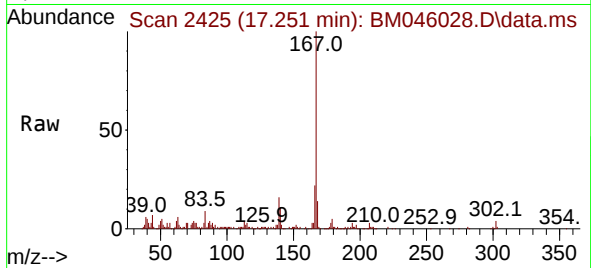
Tgt Ion:178 Resp: 220123
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 18.6 15.0 22.6





#77
 Carbazole
 Concen: 3.013 ng/ul
 RT: 17.251 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BM046028.D
 Acq: 13 Jun 2024 17:56

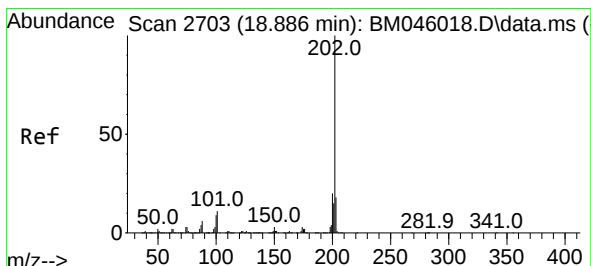
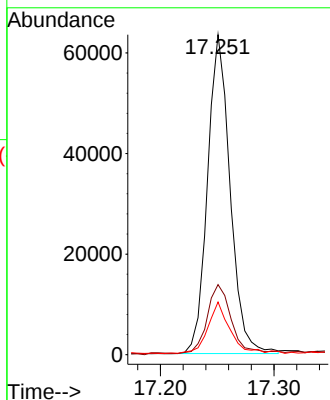
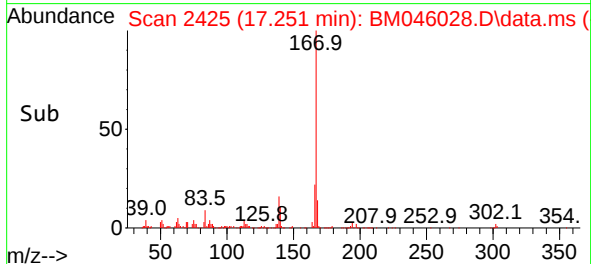
Instrument :
 BNA_M
 ClientSampleId :
 BHC51



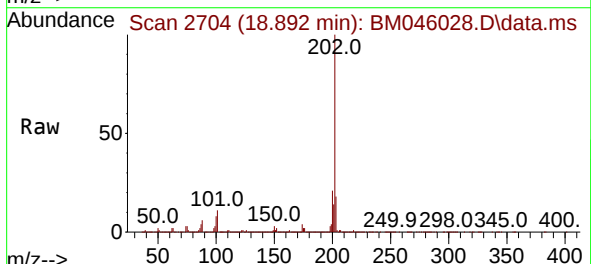
Tgt Ion:167 Resp: 87649
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.6 24.8
 139 16.5 10.6 16.0

Manual Integrations
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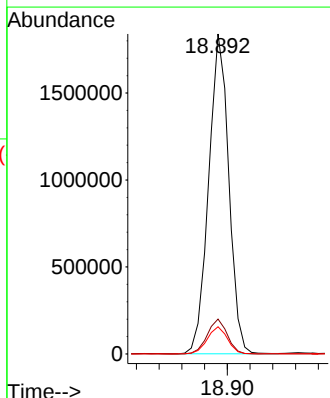
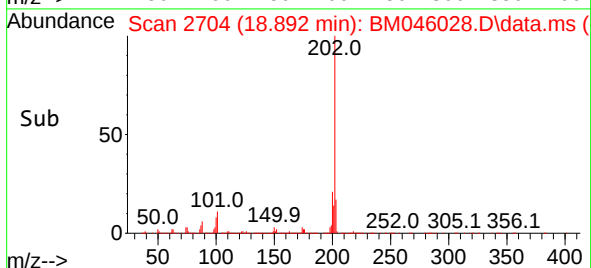
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

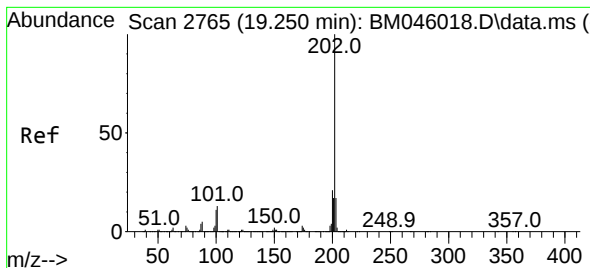


#80
 Fluoranthene
 Concen: 48.759 ng/ul
 RT: 18.892 min Scan# 2704
 Delta R.T. -0.000 min
 Lab File: BM046028.D
 Acq: 13 Jun 2024 17:56



Tgt Ion:202 Resp: 2262075
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.9 13.3
 100 8.5 6.6 10.0





#82

Pyrene

Concen: 36.758 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046028.D

Acq: 13 Jun 2024 17:56

Instrument :

BNA_M

ClientSampleId :

BHC51

Tgt Ion:202 Resp: 1752058

Ion Ratio Lower Upper

202 100

101 12.5 10.5 15.7

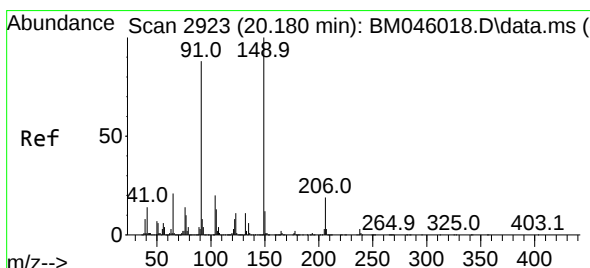
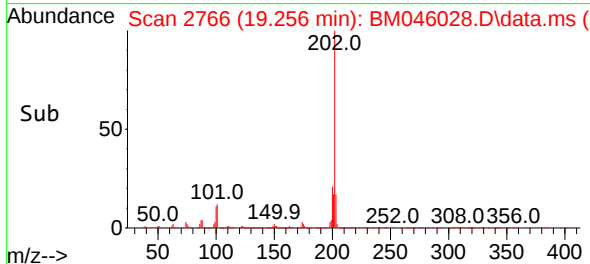
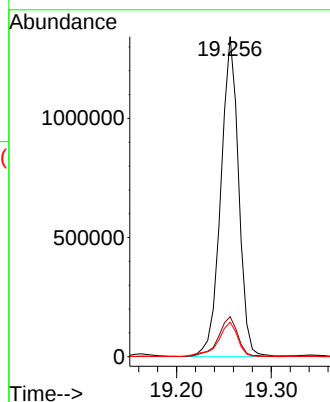
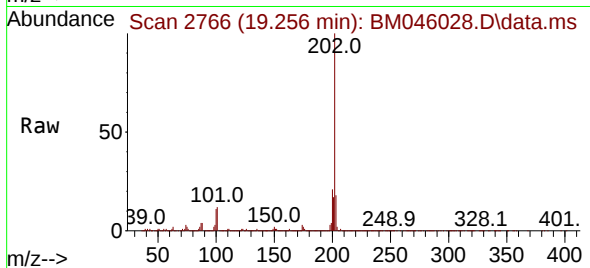
100 10.8 8.6 12.8

Manual Integrations

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Supervised By :mohammad ahmed 06/15/2024



#83

Butylbenzylphthalate

Concen: 3.421 ng/ul

RT: 20.180 min Scan# 2923

Delta R.T. -0.006 min

Lab File: BM046028.D

Acq: 13 Jun 2024 17:56

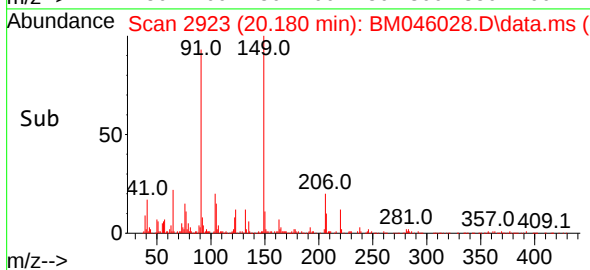
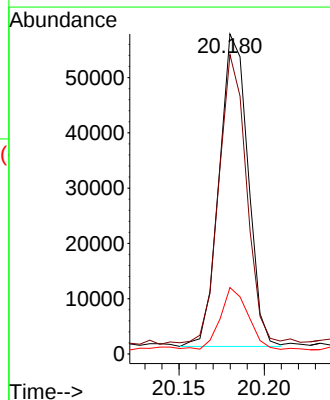
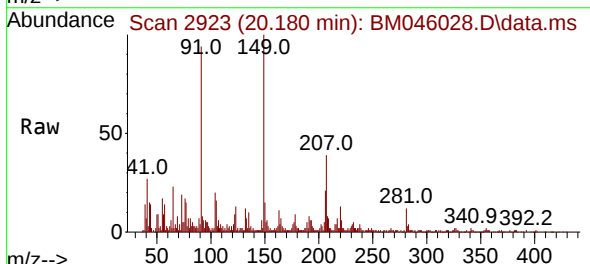
Tgt Ion:149 Resp: 66450

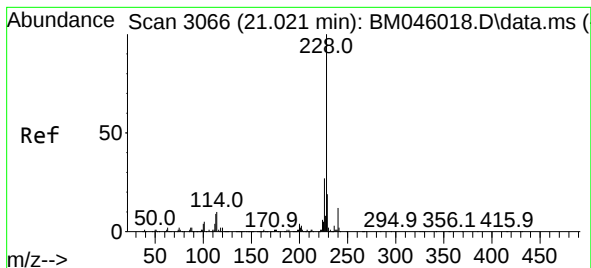
Ion Ratio Lower Upper

149 100

91 93.6 63.7 95.5

206 20.7 15.9 23.9





#85

Benzo(a)anthracene

Concen: 23.931 ng/ul

RT: 21.027 min Scan# 3066

Delta R.T. -0.000 min

Lab File: BM046028.D

Acq: 13 Jun 2024 17:56

Instrument :

BNA_M

ClientSampleId :

BHC51

Tgt Ion:228 Resp: 1016810

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

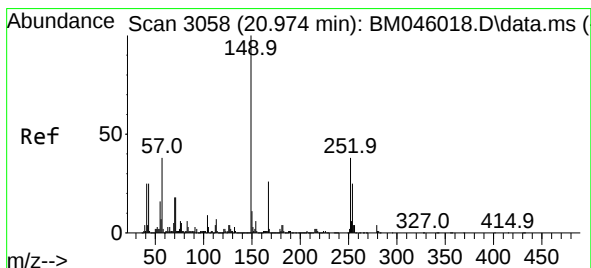
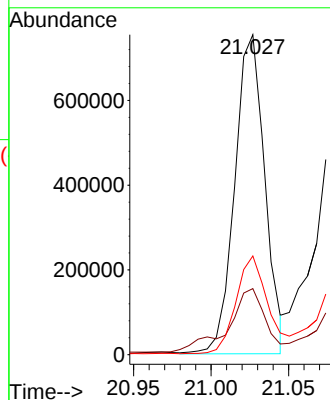
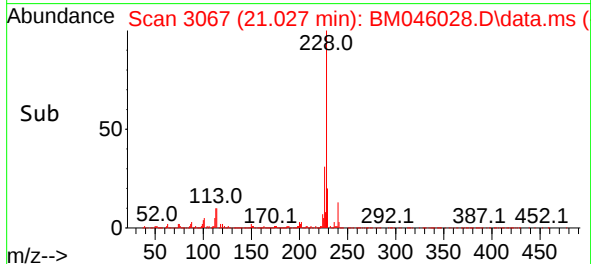
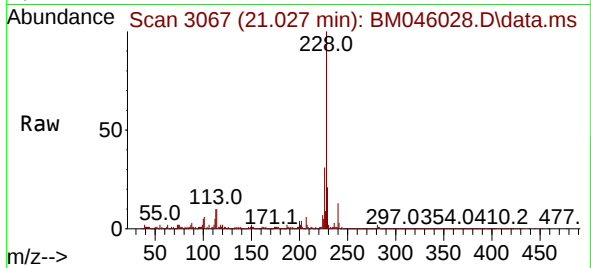
226 30.8 21.4 32.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/14/2024

Supervised By :mohammad ahmed 06/15/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.169 ng/ul

RT: 20.974 min Scan# 3058

Delta R.T. -0.006 min

Lab File: BM046028.D

Acq: 13 Jun 2024 17:56

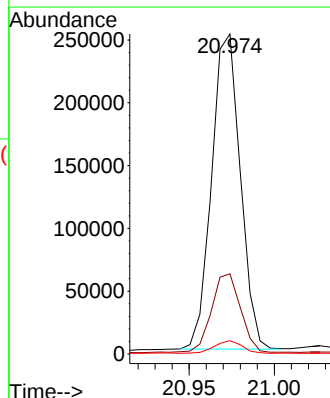
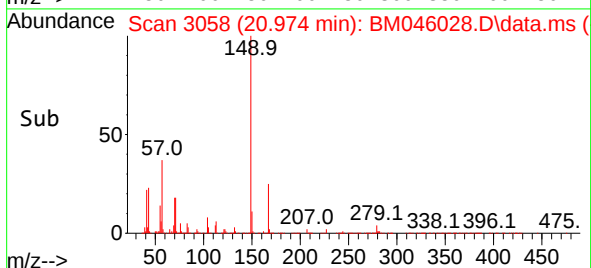
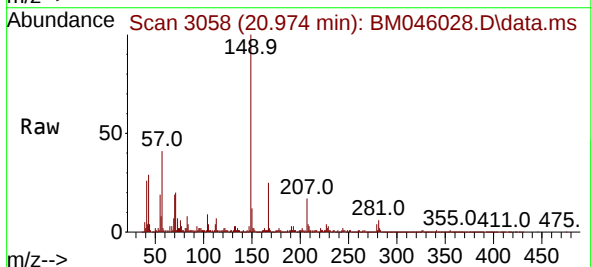
Tgt Ion:149 Resp: 293483

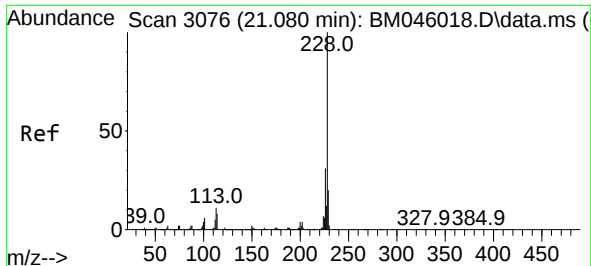
Ion Ratio Lower Upper

149 100

167 25.1 20.4 30.6

279 4.2 3.1 4.7





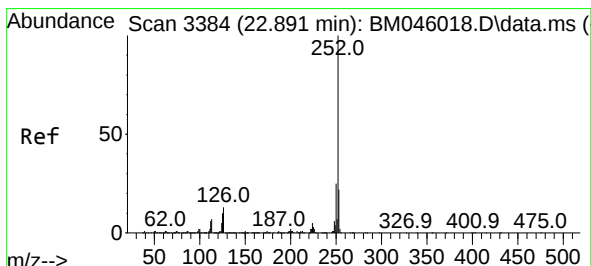
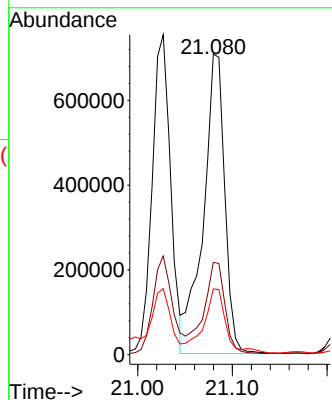
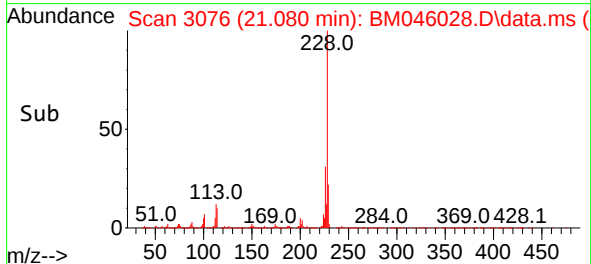
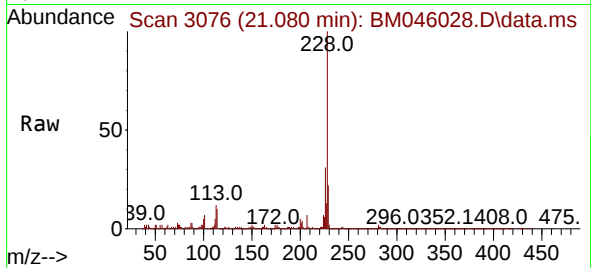
#87
Chrysene
Concen: 28.364 ng/ul
RT: 21.080 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

Instrument :
BNA_M
ClientSampleId :
BHC51

Tgt Ion:228 Resp: 1114884
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 21.9 15.2 22.8

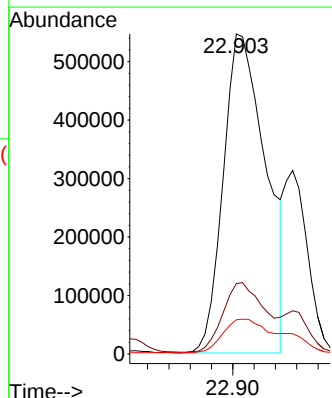
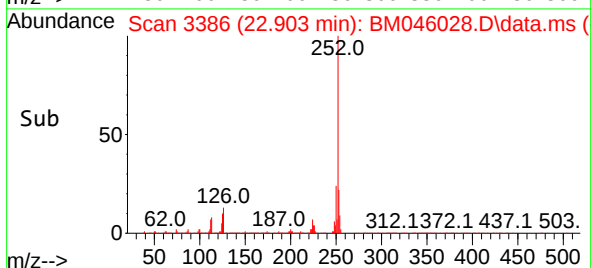
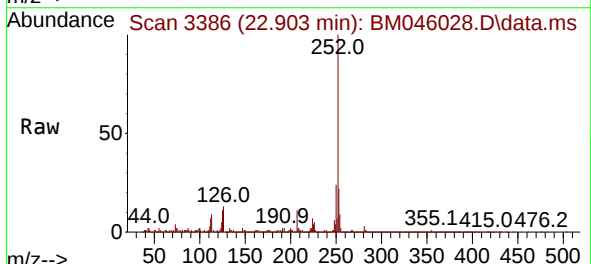
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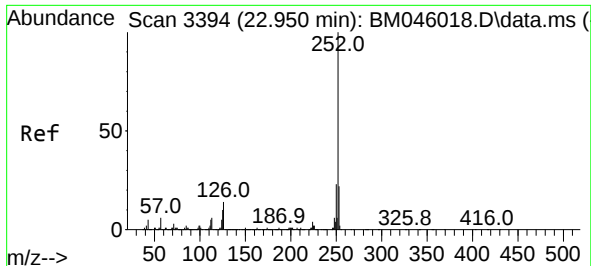
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#90
Benzo(b)fluoranthene
Concen: 35.211 ng/ul
RT: 22.903 min Scan# 3386
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

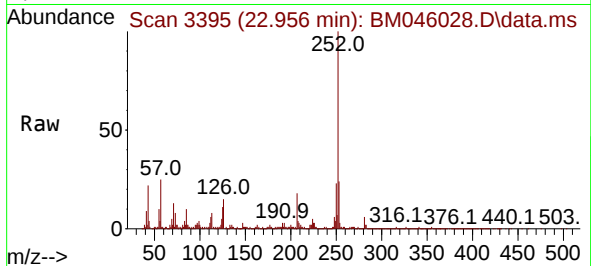
Tgt Ion:252 Resp: 1514149
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.7 8.4 12.6





#91
Benzo(k)fluoranthene
Concen: 11.020 ng/uI
RT: 22.956 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

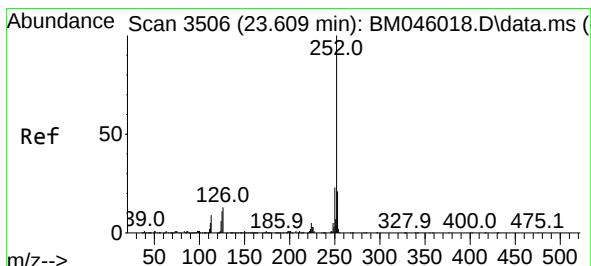
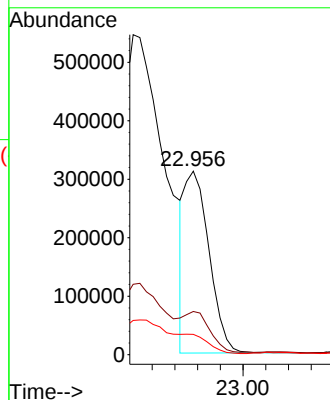
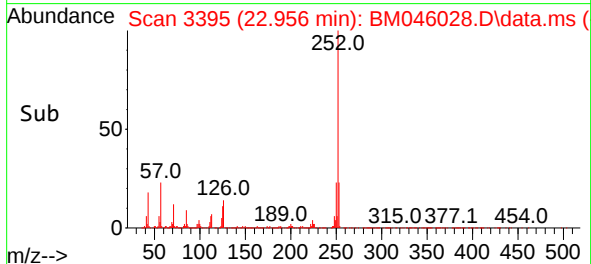
Instrument :
BNA_M
ClientSampleId :
BHC51



Tgt Ion:252 Resp: 462840
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 11.1 8.2 12.4

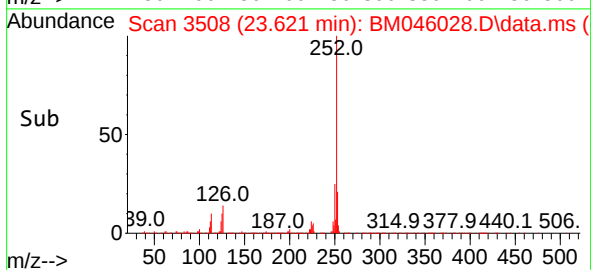
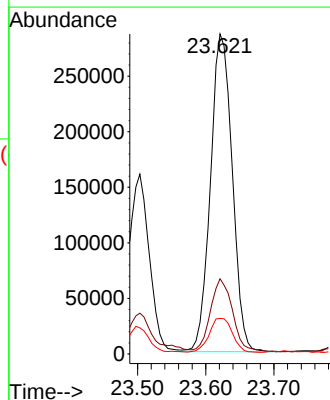
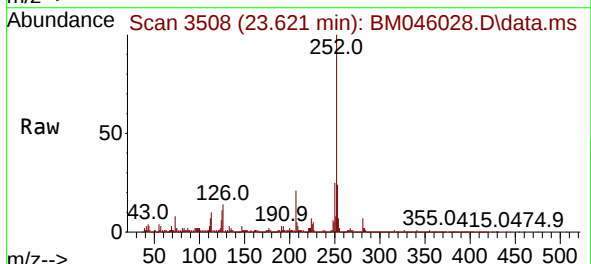
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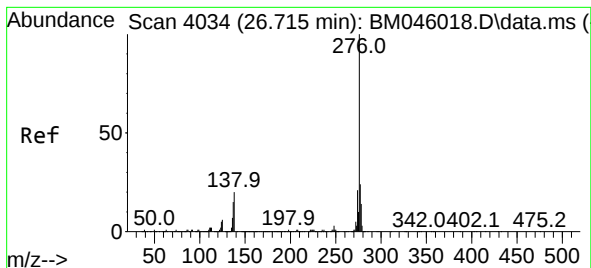
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#93
Benzo(a)pyrene
Concen: 16.841 ng/uI
RT: 23.621 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM046028.D
Acq: 13 Jun 2024 17:56

Tgt Ion:252 Resp: 636392
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 11.1 9.3 13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.282 ng/ul

RT: 26.738 min Scan# 4038

Delta R.T. 0.012 min

Lab File: BM046028.D

Acq: 13 Jun 2024 17:56

Instrument :

BNA_M

ClientSampleId :

BHC51

Tgt Ion:276 Resp: 58937

Ion Ratio Lower Upper

276 100

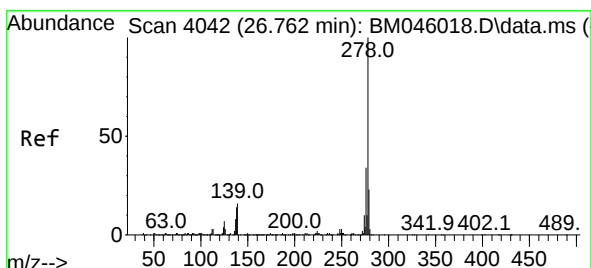
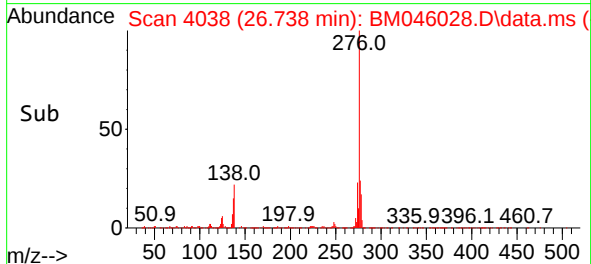
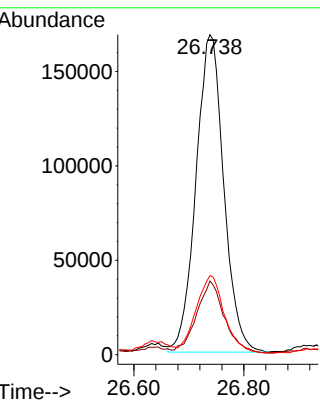
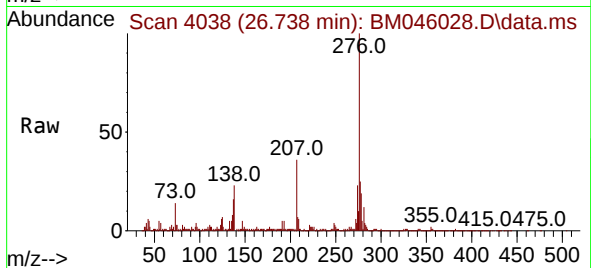
138 23.0 17.9 26.9

277 24.7 19.0 28.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#95

Dibenzo(a,h)anthracene

Concen: 5.953 ng/ul m

RT: 26.768 min Scan# 4043

Delta R.T. -0.006 min

Lab File: BM046028.D

Acq: 13 Jun 2024 17:56

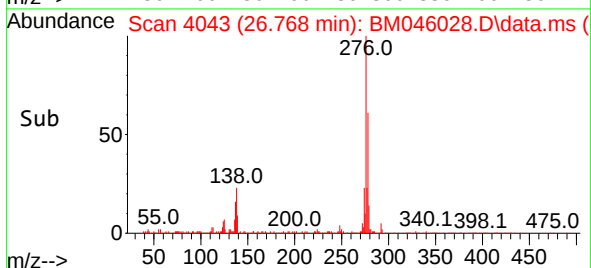
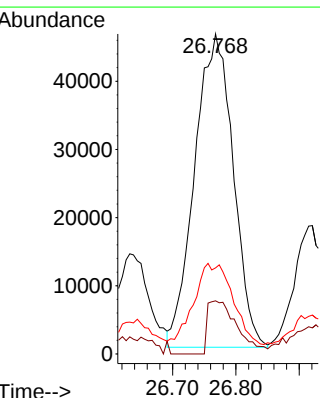
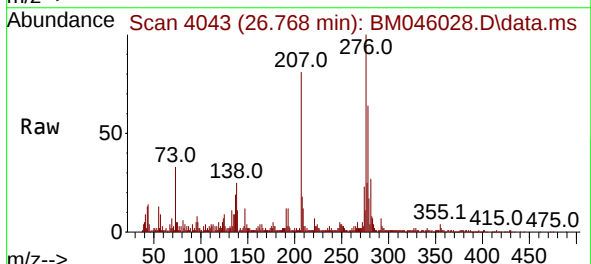
Tgt Ion:278 Resp: 194292

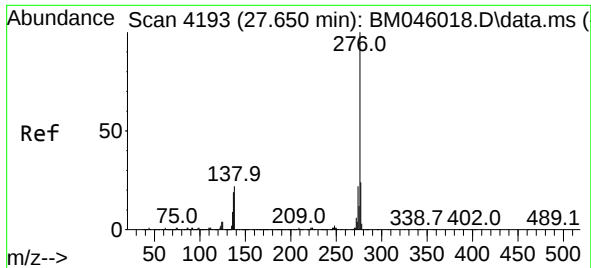
Ion Ratio Lower Upper

278 100

139 16.6 13.2 19.8

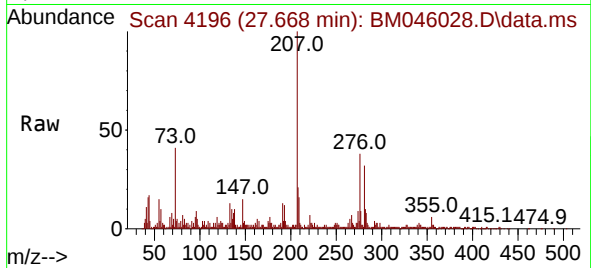
279 26.9 19.1 28.7





#96
 Benzo(g,h,i)perylene
 Concen: 2.166 ng/ul
 RT: 27.668 min Scan# 4196
 Delta R.T. 0.012 min
 Lab File: BM046028.D
 Acq: 13 Jun 2024 17:56

Instrument :
 BNA_M
 ClientSampleId :
 BHC51



Tgt Ion: 276 Resp: 78719
 Ion Ratio Lower Upper
 276 100
 138 25.2 18.6 27.8
 277 25.0 18.7 28.1

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 06/14/2024
 Supervised By : mohammad ahmed 06/15/2024

