

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBW1

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:10:45 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	116473	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	465558	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	282003	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	567711	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	535886	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	626393	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	5557m	1.850	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.699	99	92409	9.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	108290	15.241	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	99461	13.457	ng/u1	0.00
15) 4-Methylphenol-d8	8.216	113	56616	7.574	ng/u1	0.00
21) Nitrobenzene-d5	8.604	128	57588	15.821	ng/u1	0.00
24) 2-Nitrophenol-d4	9.316	143	52685	14.301	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	87135	12.613	ng/u1	0.00
31) 4-Chloroaniline-d4	10.410	131	12931m	1.352	ng/u1	0.02
46) Dimethylphthalate-d6	13.533	166	320969	16.441	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	378186	16.682	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	7039m	1.671	ng/u1	0.03
60) Fluorene-d10	15.080	176	281246	16.886	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.239	200	18309	6.316	ng/u1	0.02
73) Anthracene-d10	16.927	188	407708	16.520	ng/u1	0.00
81) Pyrene-d10	19.227	212	439003	13.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	337762	11.537	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	13.798	152	34957	1.332	ng/u1	97
52) Acenaphthene	14.145	153	19677	1.124	ng/u1	96
61) Fluorene	15.139	166	21047	1.106	ng/u1#	98
72) Phenanthrene	16.868	178	509732	17.040	ng/u1	99
74) Anthracene	16.963	178	105012	3.515	ng/u1	99
77) Carbazole	17.251	167	34097	1.337	ng/u1	92
78) Di-n-butylphthalate	17.815	149	38695	1.154	ng/u1#	91
80) Fluoranthene	18.892	202	990939	24.527	ng/u1	100
82) Pyrene	19.257	202	743804	17.919	ng/u1	99
85) Benzo(a)anthracene	21.027	228	541234	14.627	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	20.974	149	95034	3.781	ng/u1#	96
87) Chrysene	21.080	228	531753	15.535	ng/u1	96
90) Benzo(b)fluoranthene	22.909	252	770992	20.028	ng/u1	96
91) Benzo(k)fluoranthene	22.956	252	251759m	6.696	ng/u1	
93) Benzo(a)pyrene	23.621	252	273804	8.094	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.738	276	265068	7.176	ng/u1	94
95) Dibenzo(a,h)anthracene	26.780	278	96612	3.307	ng/u1#	83
96) Benzo(g,h,i)perylene	27.668	276	41831m	1.286	ng/u1	

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

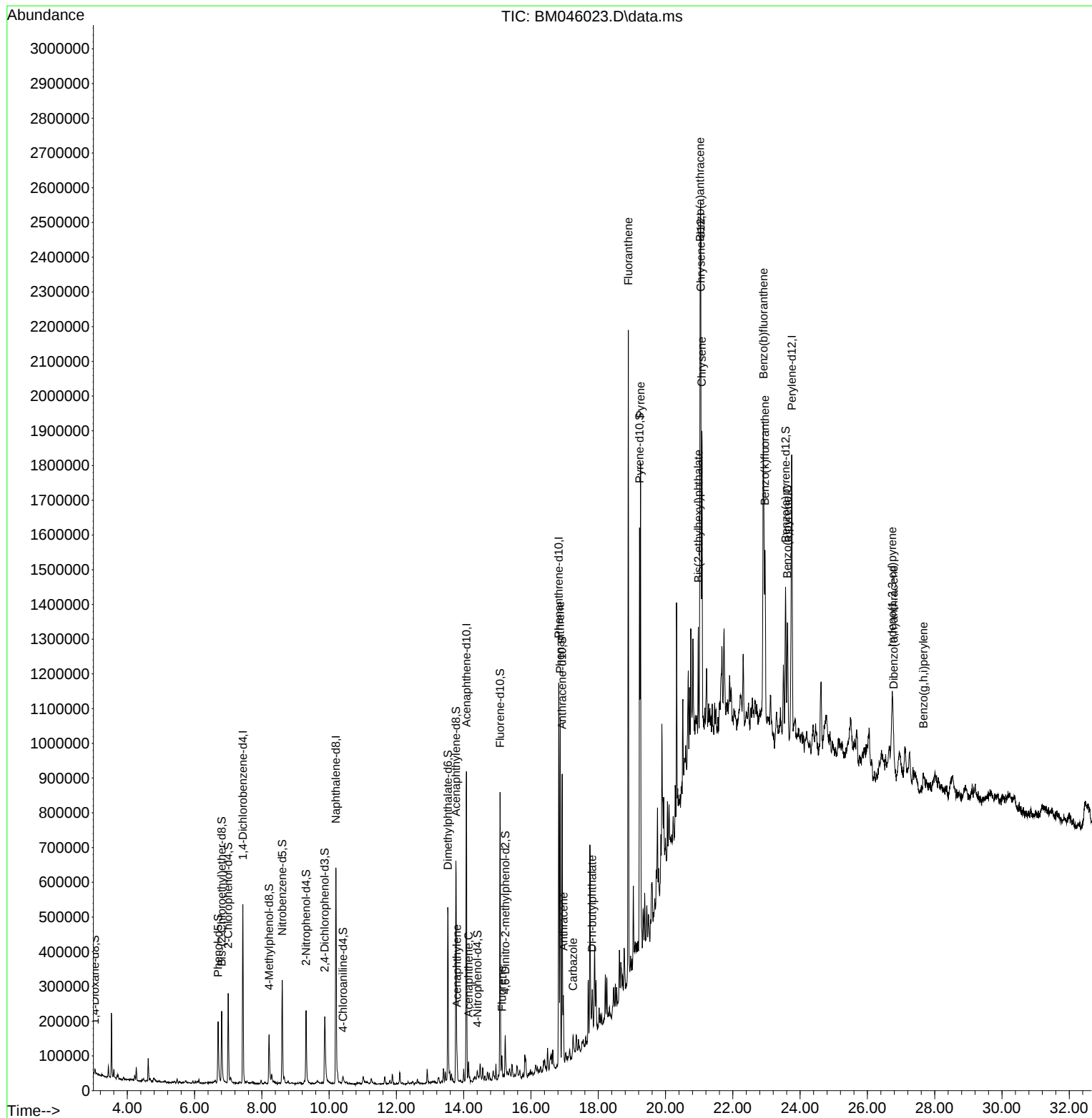
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

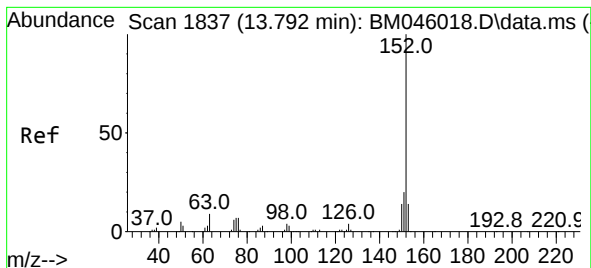
Instrument :
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 ClientSampleId :
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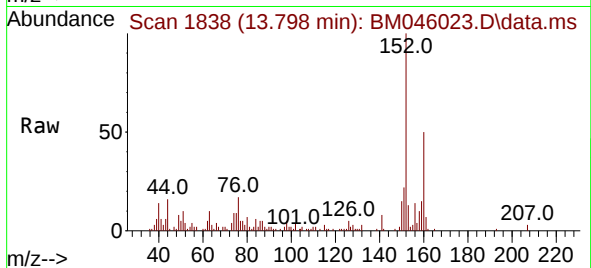
Quant Time: Jun 14 01:10:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
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#50
Acenaphthylene
Concen: 1.332 ng/u1
RT: 13.798 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38

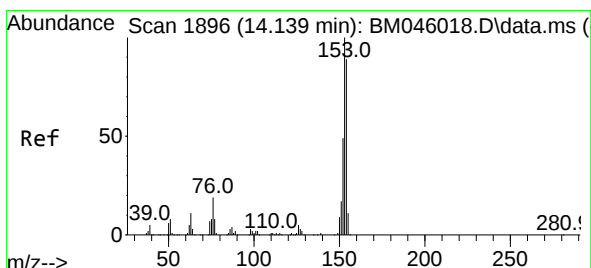
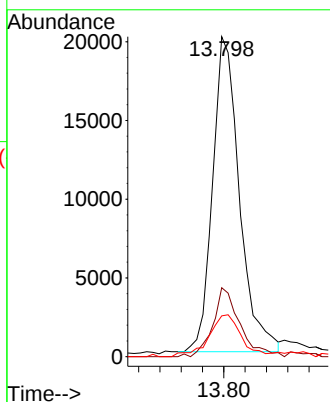
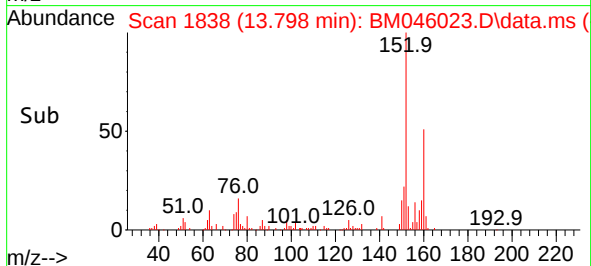
Instrument :
BNA_M
ClientSampleId :
BHBW1



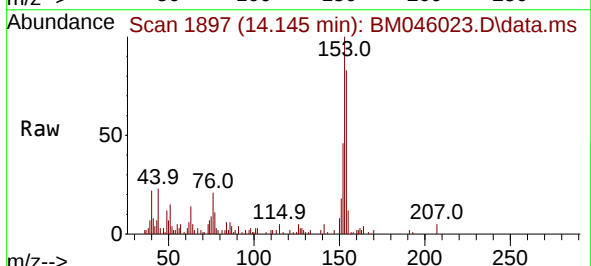
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Ion Ratio Lower Upper
152 100
151 21.5 15.6 23.4
153 12.7 10.4 15.6

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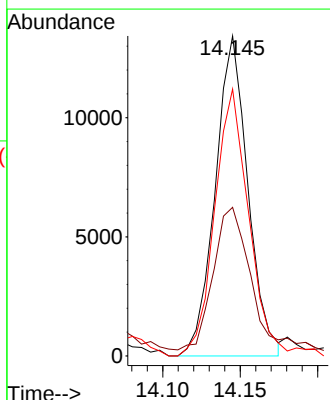
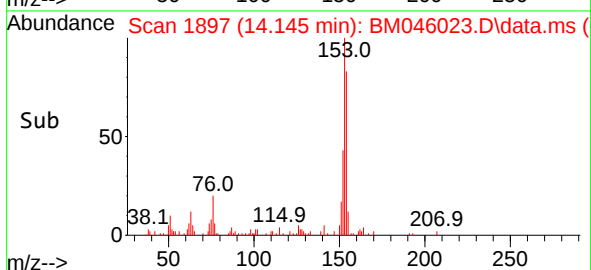
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

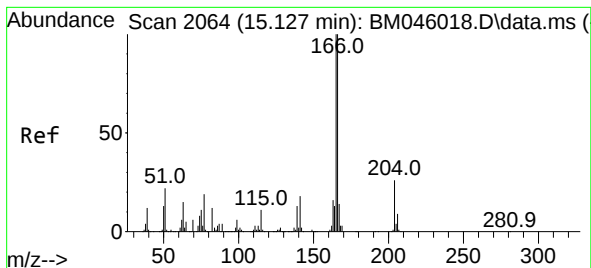


#52
Acenaphthene
Concen: 1.124 ng/u1
RT: 14.145 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38



Tgt Ion:153 Resp: 19677
Ion Ratio Lower Upper
153 100
152 46.5 38.6 58.0
154 83.4 70.7 106.1





#61

Fluorene

Concen: 1.106 ng/ul

RT: 15.139 min Scan# 2064

Delta R.T. 0.006 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Instrument :

BNA_M

ClientSampleId :

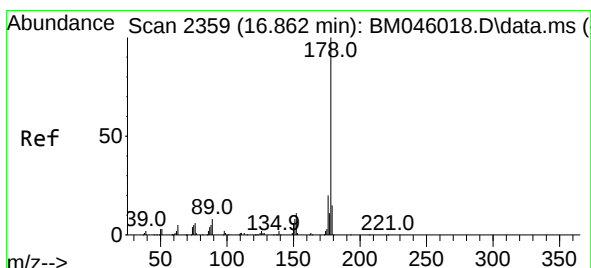
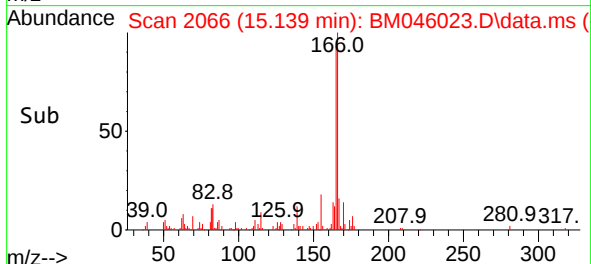
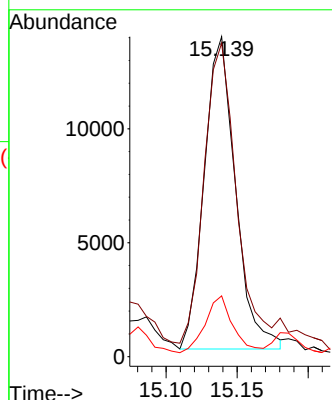
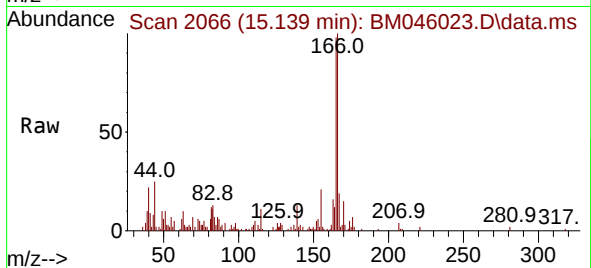
BHBW1

Tgt Ion:166	Resp:	2104
Ion Ratio	Lower	Upper
166	100	
165	98.0	78.1 117.1
167	19.0	10.6 16.0

Manual Integrations

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#72

Phenanthrene

Concen: 17.040 ng/ul

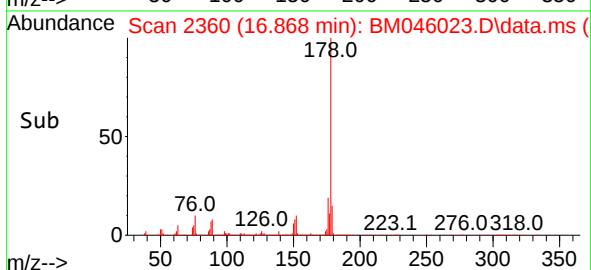
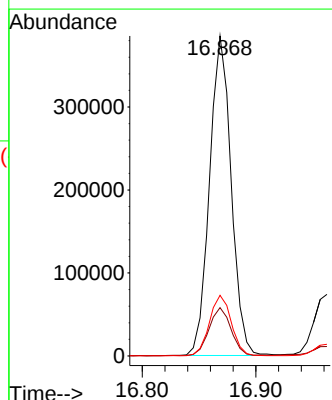
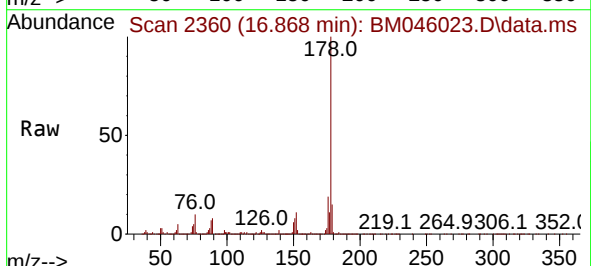
RT: 16.868 min Scan# 2360

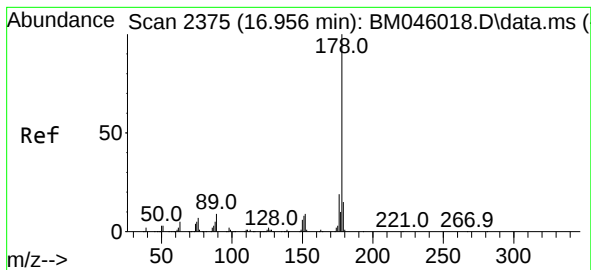
Delta R.T. 0.000 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Tgt Ion:178	Resp:	509732
Ion Ratio	Lower	Upper
178	100	
179	15.1	12.4 18.6
176	18.9	15.3 22.9





#74

Anthracene

Concen: 3.515 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Instrument :

BNA_M

ClientSampleId :

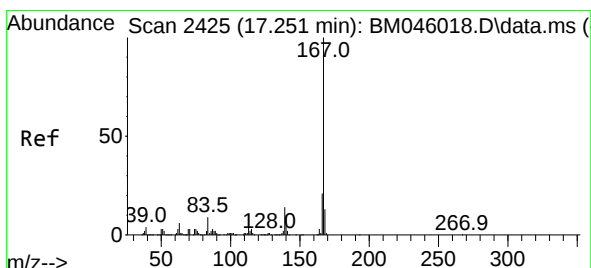
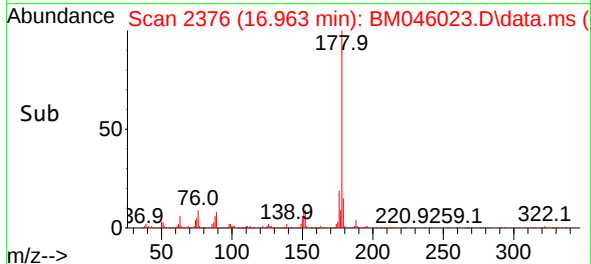
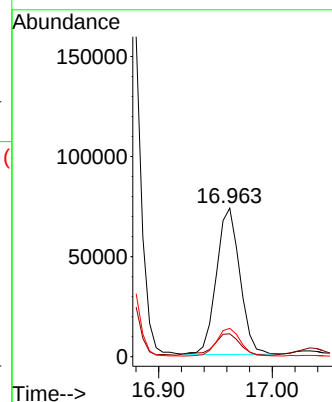
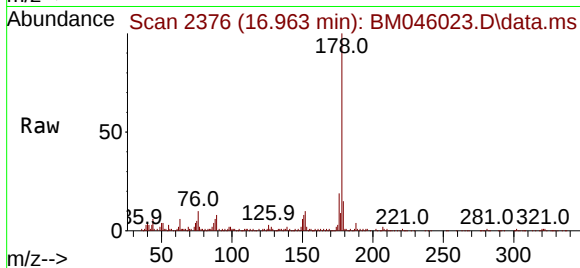
BHBW1

Tgt Ion:178	Resp: 10501
Ion Ratio	Lower Upper
178	100
179	15.4 12.0 18.0
176	19.1 15.0 22.6

Manual Integrations

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#77

Carbazole

Concen: 1.337 ng/ul

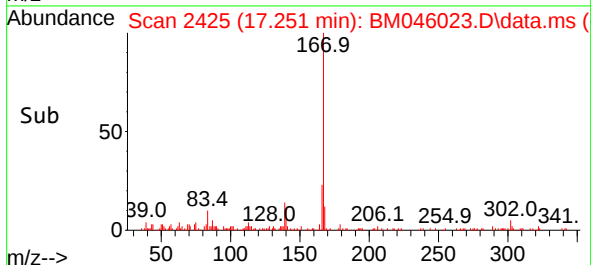
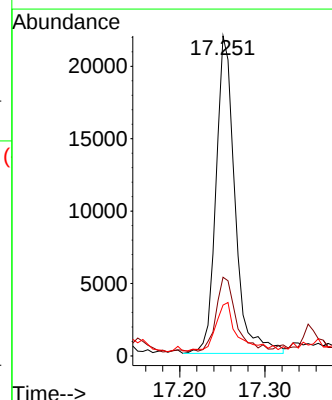
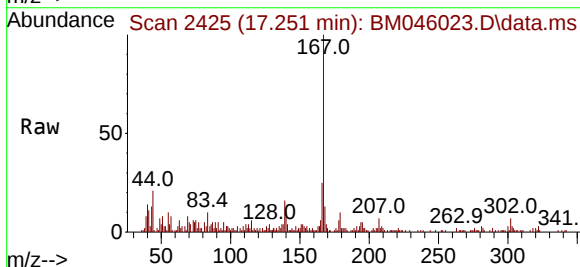
RT: 17.251 min Scan# 2425

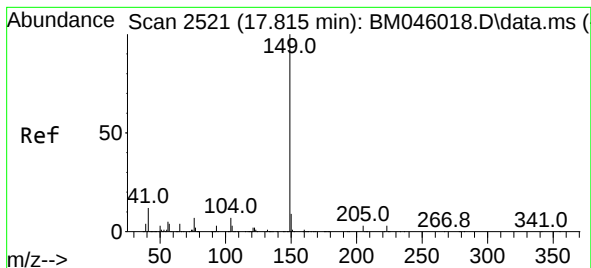
Delta R.T. -0.006 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Tgt Ion:167	Resp: 34097
Ion Ratio	Lower Upper
167	100
166	24.6 16.6 24.8
139	15.9 10.6 16.0





#78

Di-n-butylphthalate

Concen: 1.154 ng/ul

RT: 17.815 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Instrument :

BNA_M

ClientSampleId :

BHBW1

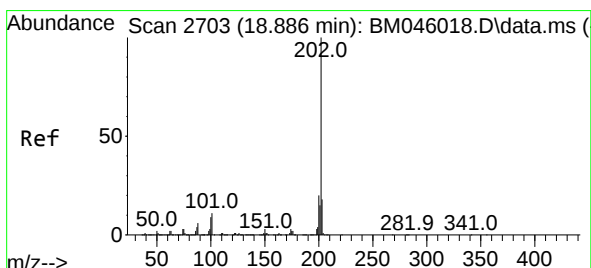
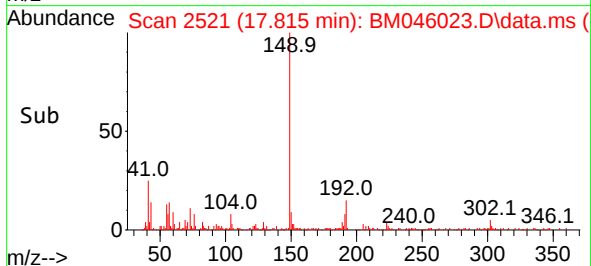
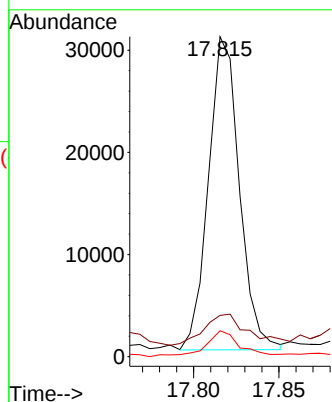
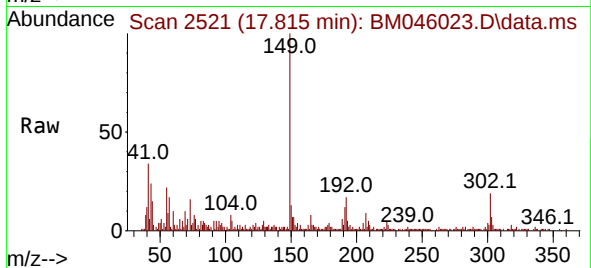
Tgt Ion:149 Resp: 3869

Ion	Ratio	Lower	Upper
149	100		
150	12.9	7.1	10.7
104	8.1	4.9	7.3

Manual Integrations

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#80

Fluoranthene

Concen: 24.527 ng/ul

RT: 18.892 min Scan# 2704

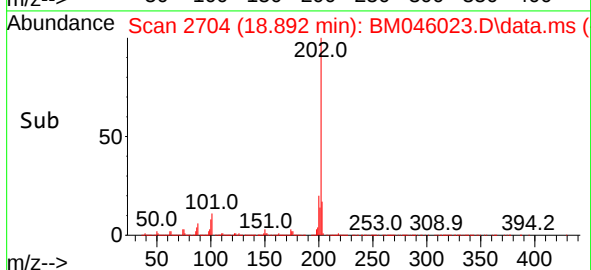
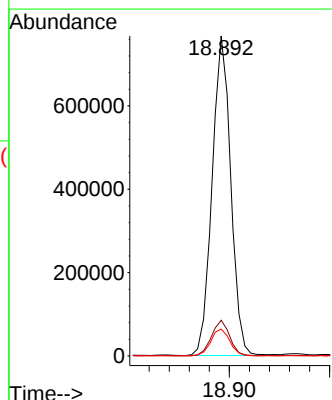
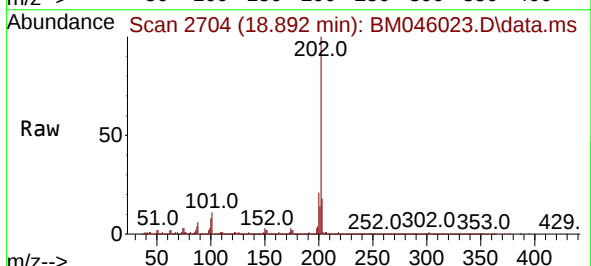
Delta R.T. 0.000 min

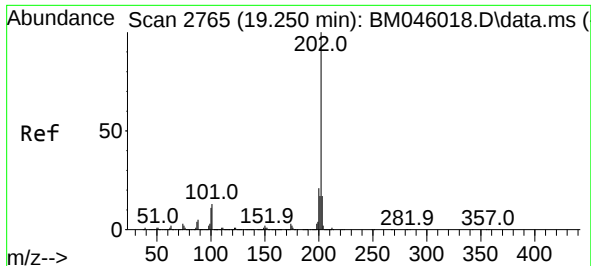
Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Tgt Ion:202 Resp: 990939

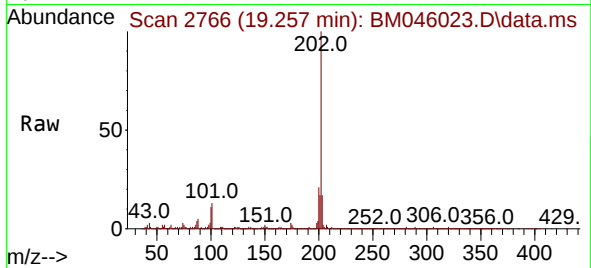
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.4	6.6	10.0





#82
Pyrene
Concen: 17.919 ng/ul
RT: 19.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38

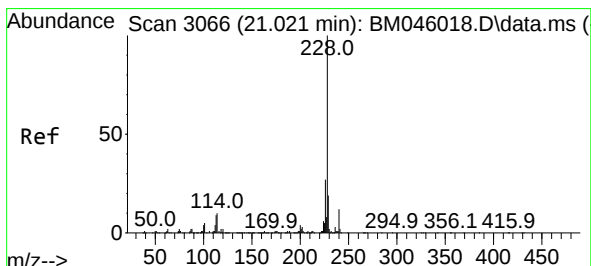
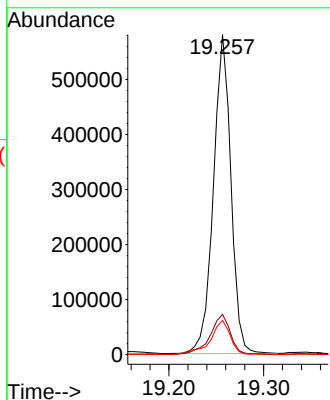
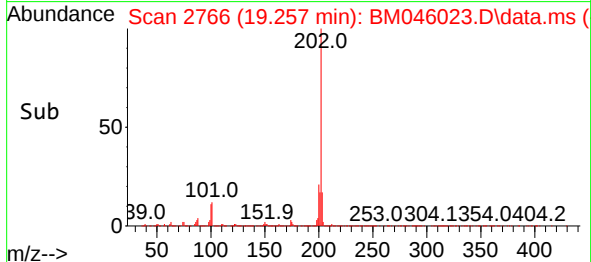
Instrument :
BNA_M
ClientSampleId :
BHBW1



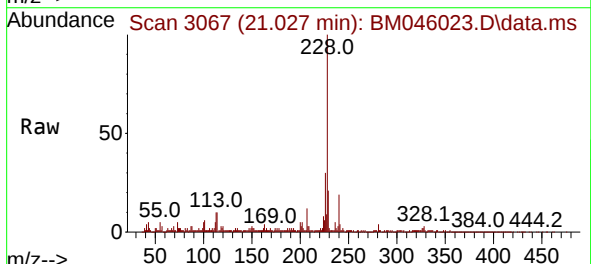
Tgt Ion:202 Resp: 743804
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
100 10.7 8.6 12.8

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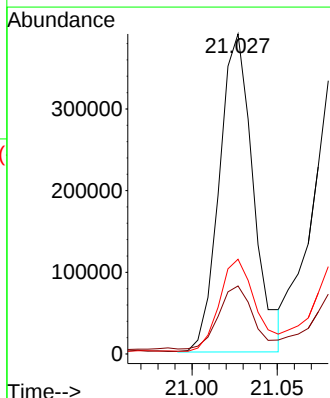
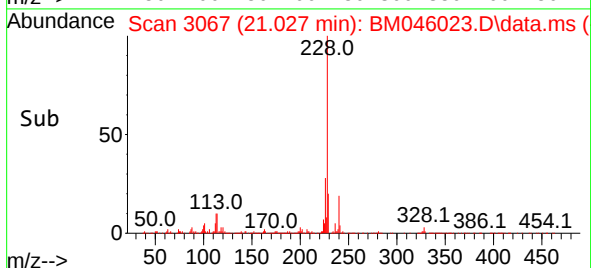
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

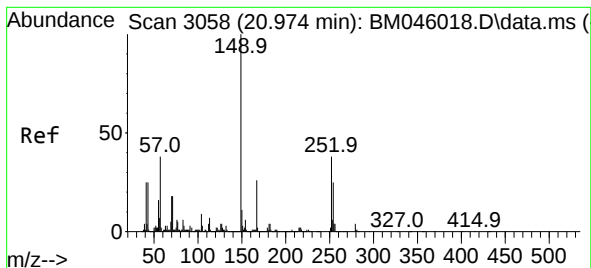


#85
Benzo(a)anthracene
Concen: 14.627 ng/ul
RT: 21.027 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38



Tgt Ion:228 Resp: 541234
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 29.6 21.4 32.0





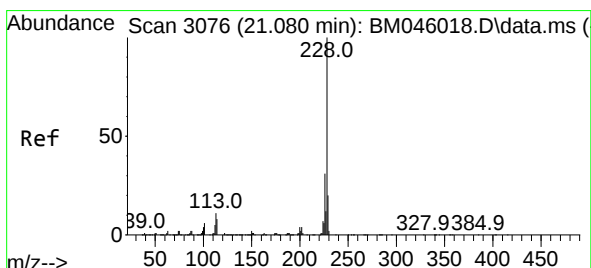
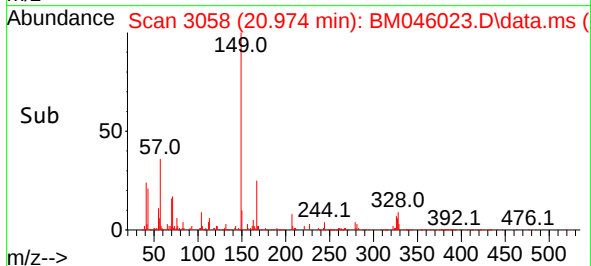
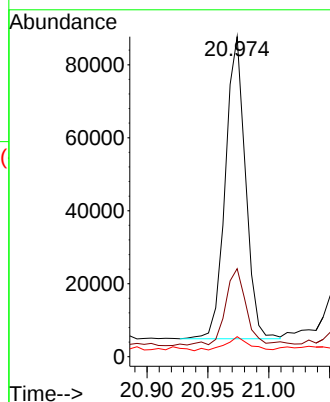
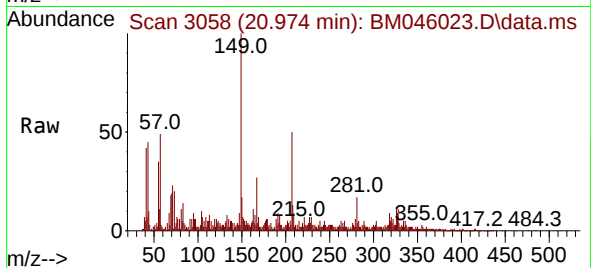
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.781 ng/ul
RT: 20.974 min Scan# 3058
Delta R.T. -0.006 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38

Instrument :
BNA_M
ClientSampleId :
BHBW1

Tgt Ion:149 Resp: 95034
Ion Ratio Lower Upper
149 100
167 27.5 20.4 30.6
279 6.2 3.1 4.7

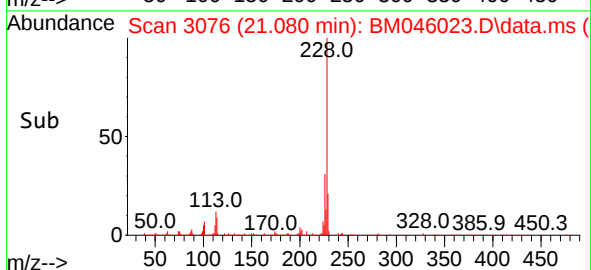
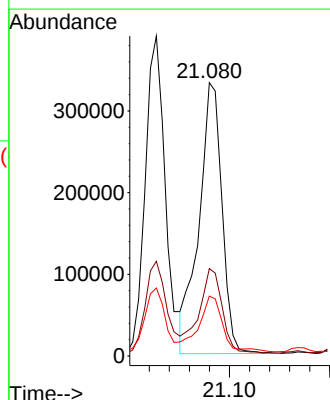
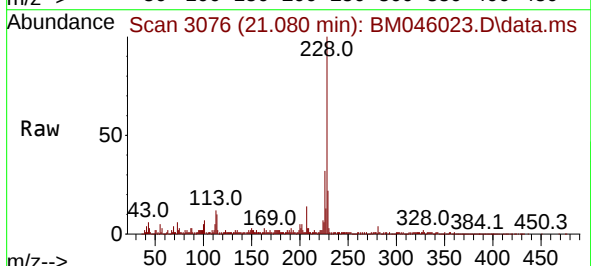
Manual Integrations
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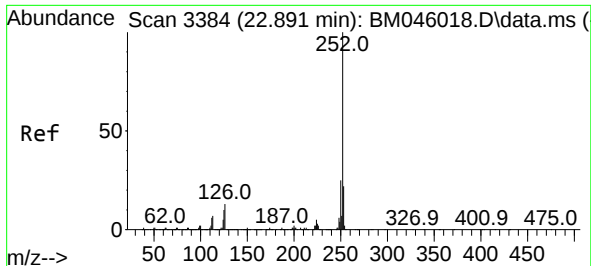
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#87
Chrysene
Concen: 15.535 ng/ul
RT: 21.080 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38

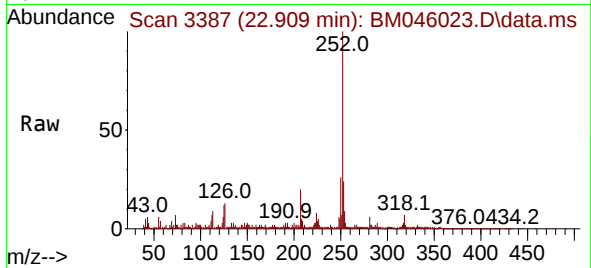
Tgt Ion:228 Resp: 531753
Ion Ratio Lower Upper
228 100
226 32.0 24.2 36.2
229 21.9 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 20.028 ng/ul
RT: 22.909 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38

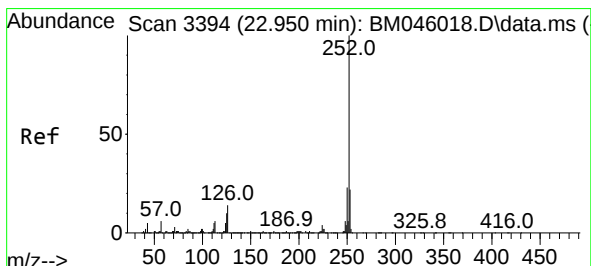
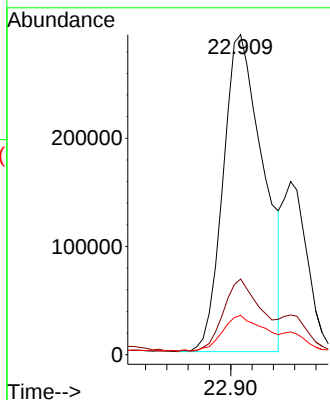
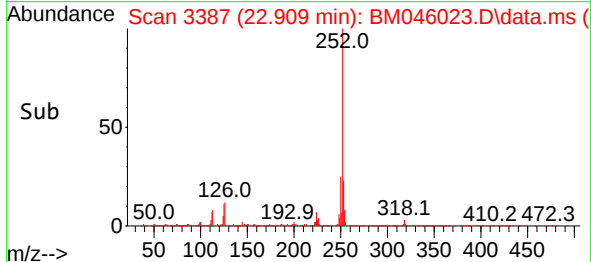
Instrument :
BNA_M
ClientSampleId :
BHBW1



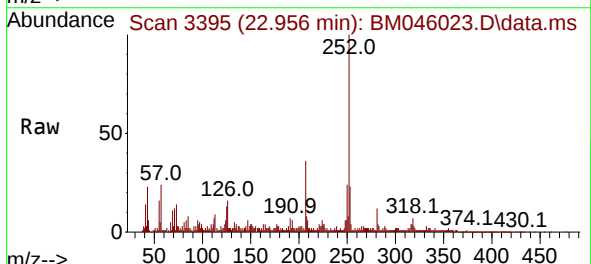
Tgt Ion:252 Resp: 770992
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 12.3 8.4 12.6

Manual Integrations
APPROVED

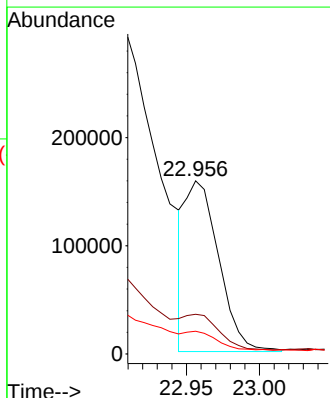
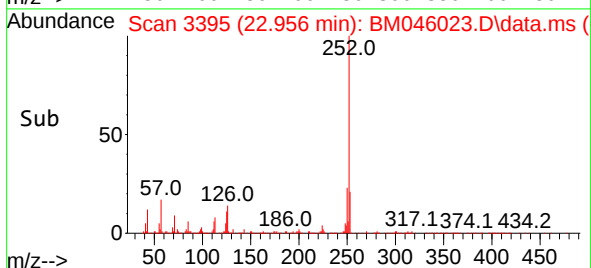
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

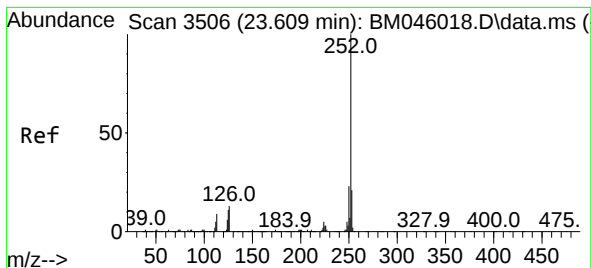


#91
Benzo(k)fluoranthene
Concen: 6.696 ng/ul m
RT: 22.956 min Scan# 3395
Delta R.T. 0.000 min
Lab File: BM046023.D
Acq: 13 Jun 2024 14:38



Tgt Ion:252 Resp: 251759
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 13.1 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 8.094 ng/ul

RT: 23.621 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Instrument :

BNA_M

ClientSampleId :

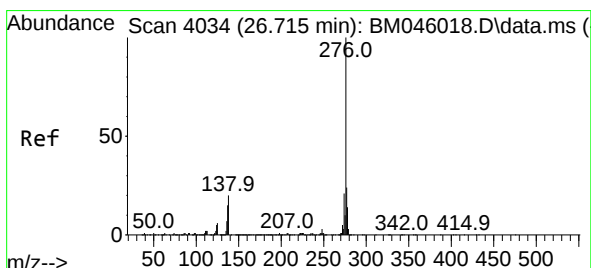
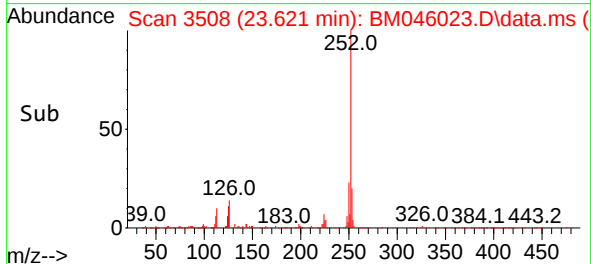
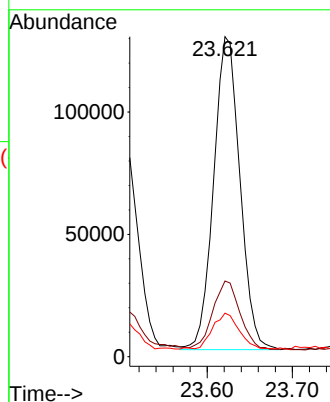
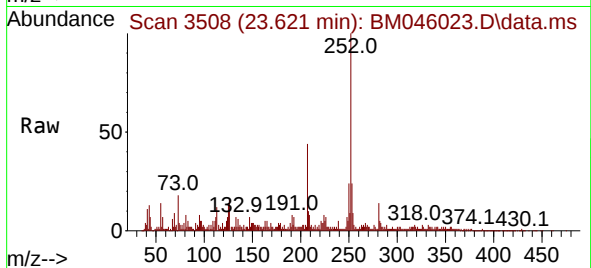
BHBW1

Tgt Ion:	252	Resp:	273804
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	13.6	9.3	13.9

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.176 ng/ul

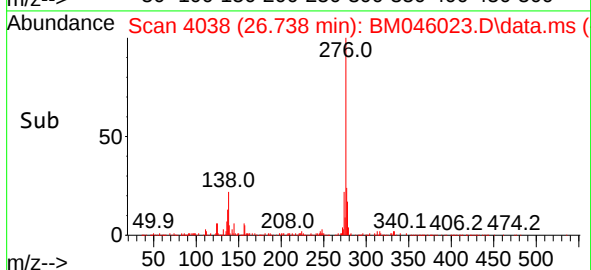
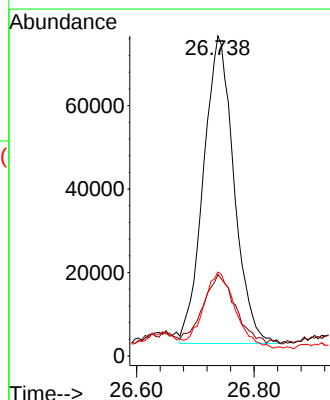
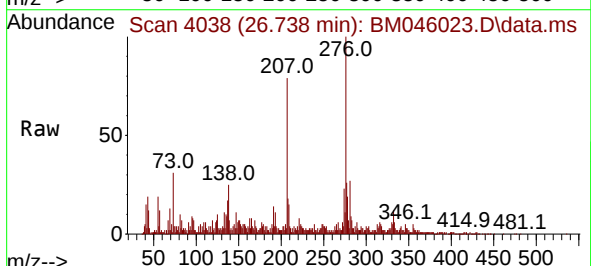
RT: 26.738 min Scan# 4038

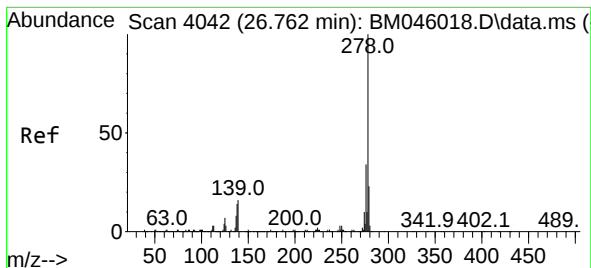
Delta R.T. 0.012 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Tgt Ion:	276	Resp:	265068
Ion Ratio	Lower	Upper	
276	100		
138	25.5	17.9	26.9
277	26.2	19.0	28.6





#95

Dibenzo(a,h)anthracene

Concen: 3.307 ng/ul

RT: 26.780 min Scan# 4042

Delta R.T. 0.006 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Instrument :

BNA_M

ClientSampleId :

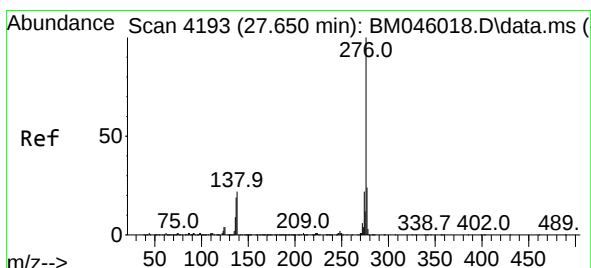
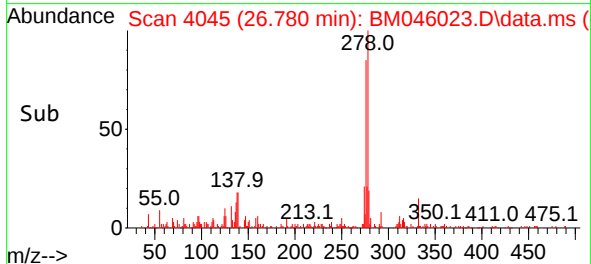
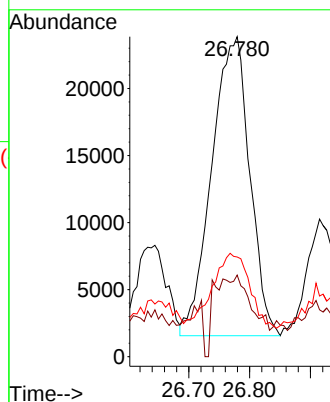
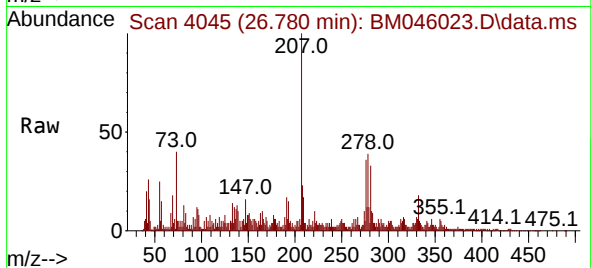
BHBW1

Tgt Ion:	278	Resp:	9661
Ion Ratio	Lower	Upper	
278	100		
139	25.5	13.2	19.8
279	31.1	19.1	28.7

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 1.286 ng/ul m

RT: 27.668 min Scan# 4196

Delta R.T. 0.012 min

Lab File: BM046023.D

Acq: 13 Jun 2024 14:38

Tgt Ion:	276	Resp:	41831
Ion Ratio	Lower	Upper	
276	100		
138	40.0	18.6	27.8
277	37.1	18.7	28.1

