

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046090.D
 Acq On : 19 Jun 2024 17:37
 Operator : MA/JU
 Sample : P2695-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 18:08:11 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	7.438	152	2428	0.400	ng/ul	-0.03	
4) Naphthalene-d8	10.244	136	6545	0.400	ng/ul	0.00	
9) Acenaphthene-d10	14.095	164	3672	0.400	ng/ul	-0.02	
13) Phenanthrene-d10	16.837	188	7088	0.400	ng/ul	-0.02	
17) Chrysene-d12	21.032	240	5964	0.400	ng/ul	-0.01	
23) Perylene-d12	23.127	264	6943m	0.400	ng/ul	-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.042	96	2781	0.835	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	11.888	152	473	0.054	ng/ul	0.02	
18) Fluoranthene-d10	18.863	212	1038	0.058	ng/ul	-0.02	
Target Compounds							
							Qvalue
10) Acenaphthylene	13.817	152	744	0.043	ng/ul#		69
11) Acenaphthene	14.160	153	399	0.032	ng/ul		93
12) Fluorene	15.154	166	459	0.034	ng/ul#		92
15) Phenanthrene	16.875	178	8646	0.434	ng/ul		99
16) Anthracene	16.968	178	1886	0.127	ng/ul#		85
19) Fluoranthene	18.895	202	22944	0.889	ng/ul		98
20) Pyrene	19.253	202	17059	0.611	ng/ul		99
21) Benzo(a)anthracene	21.014	228	11114	0.482	ng/ul		98
22) Chrysene	21.067	228	11019	0.375	ng/ul		97
24) Benzo(b)fluoranthene	22.507	252	16932m	0.677	ng/ul		
25) Benzo(k)fluoranthene	22.539	252	7639m	0.257	ng/ul		
26) Benzo(a)pyrene	23.031	252	6195	0.267	ng/ul		92
27) Indeno(1,2,3-cd)pyrene	25.182	276	7054	0.186	ng/ul#		90
28) Dibenzo(a,h)anthracene	25.189	278	2177	0.077	ng/ul#		59
29) Benzo(g,h,i)perylene	25.812	276	1149	0.035	ng/ul#		44

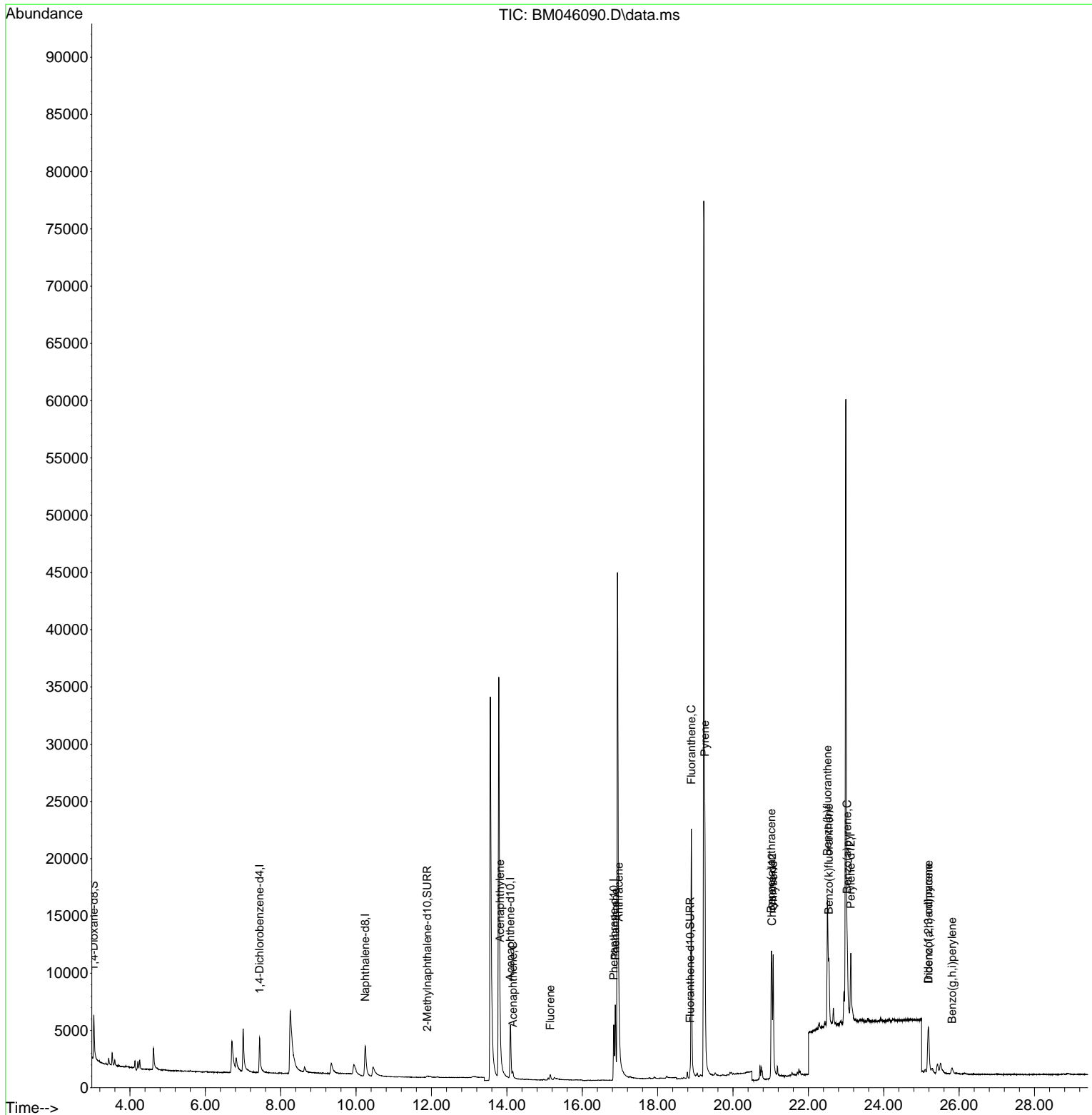
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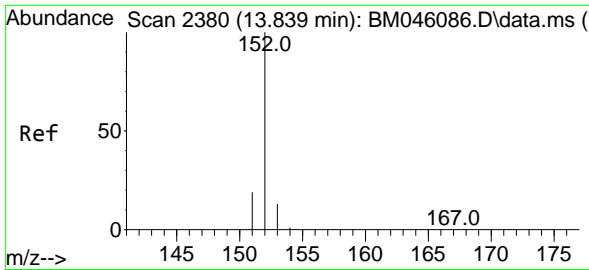
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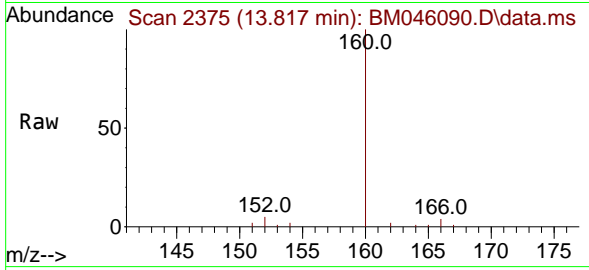
#10
 Acenaphthylene
 Concen: 0.043 ng/u1
 RT: 13.817 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Instrument :

BNA_M

ClientSampleId :

A4BJ8DL

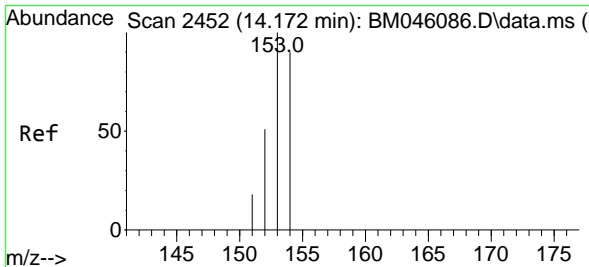
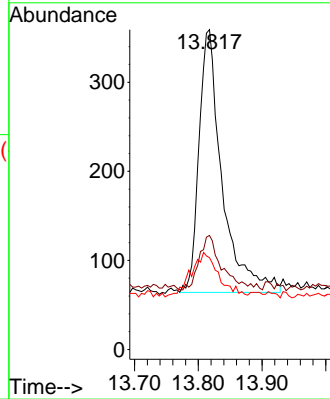
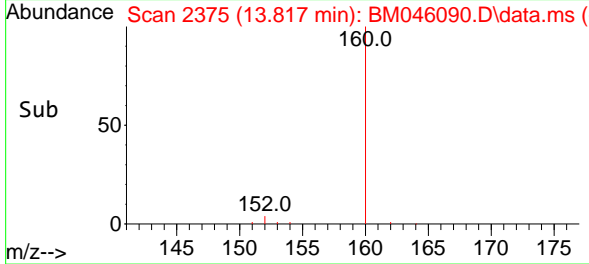


Tgt Ion:152 Resp: 744
 Ion Ratio Lower Upper
 152 100
 151 35.7 17.4 26.2
 153 28.7 11.8 17.8

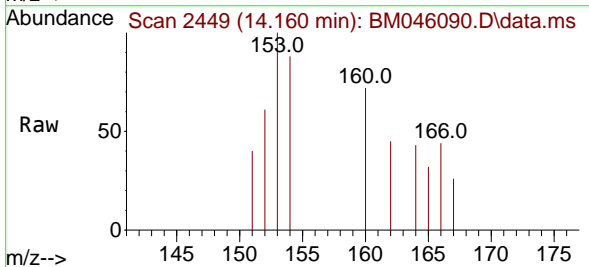
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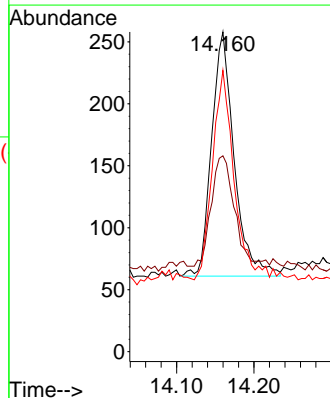
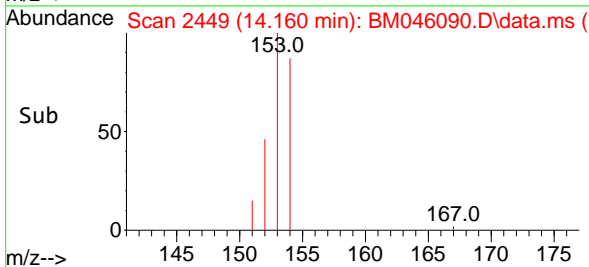
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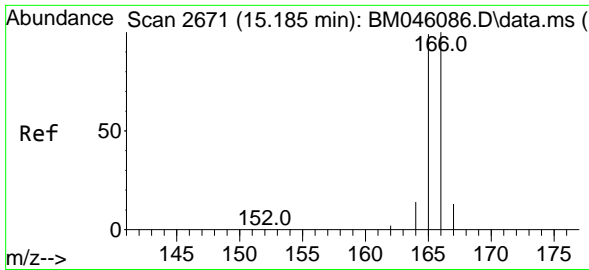


#11
 Acenaphthene
 Concen: 0.032 ng/u1
 RT: 14.160 min Scan# 2449
 Delta R.T. -0.013 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37



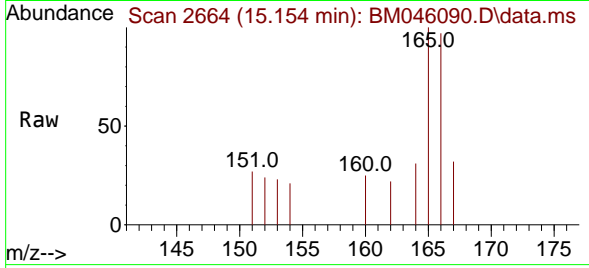
Tgt Ion:153 Resp: 399
 Ion Ratio Lower Upper
 153 100
 152 61.2 41.3 61.9
 154 88.0 68.2 102.4





#12
 Fluorene
 Concen: 0.034 ng/u1
 RT: 15.154 min Scan# 20
 Delta R.T. -0.026 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8DL

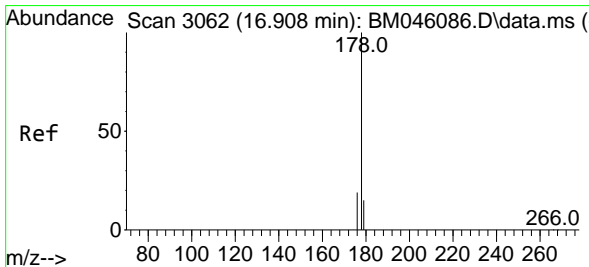
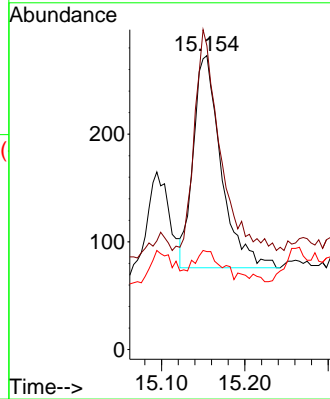
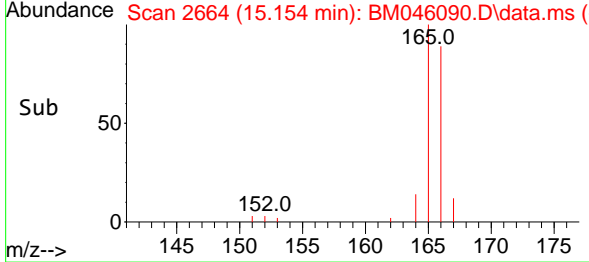


Tgt Ion:166 Resp: 459

Ion	Ratio	Lower	Upper
166	100		
165	103.3	80.4	120.6
167	33.3	12.4	18.6

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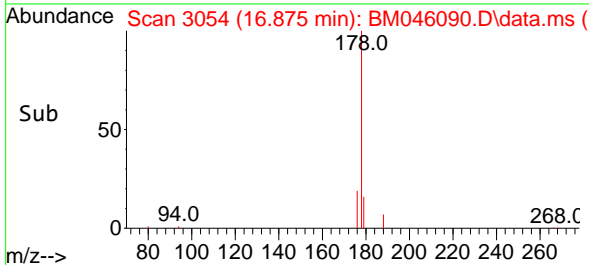
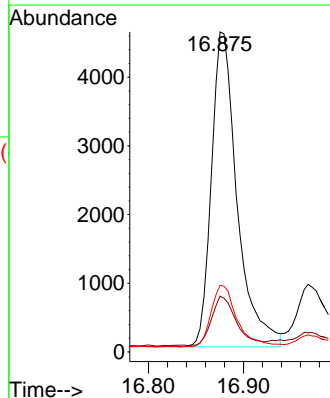
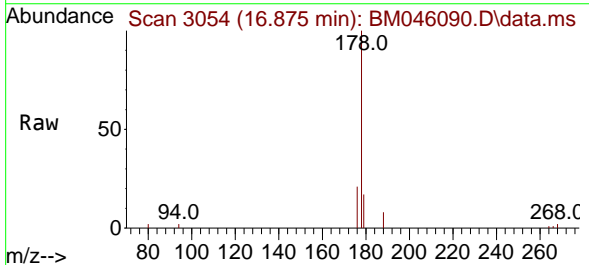
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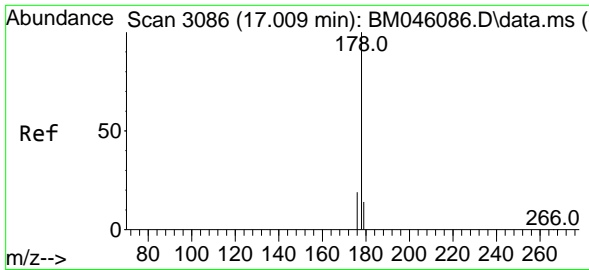


#15
 Phenanthrene
 Concen: 0.434 ng/u1
 RT: 16.875 min Scan# 3054
 Delta R.T. -0.028 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Tgt Ion:178 Resp: 8646

Ion	Ratio	Lower	Upper
178	100		
179	17.5	14.2	21.2
176	20.8	17.1	25.7





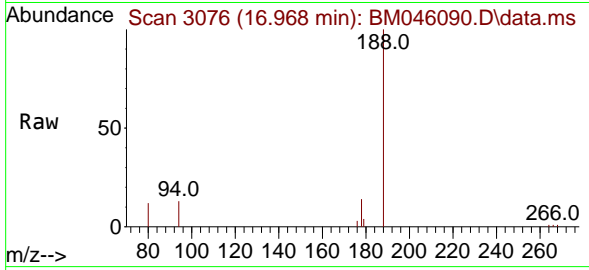
#16
 Anthracene
 Concen: 0.127 ng/u1
 RT: 16.968 min Scan# 3086
 Delta R.T. -0.037 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Instrument :

BNA_M

Client SampleId :

A4BJ8DL

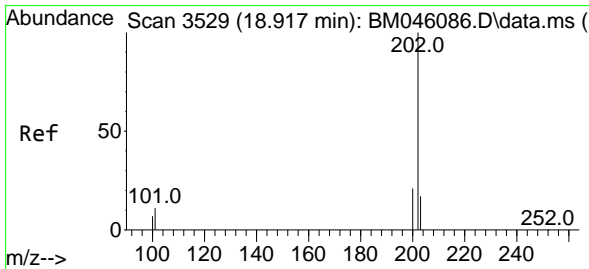
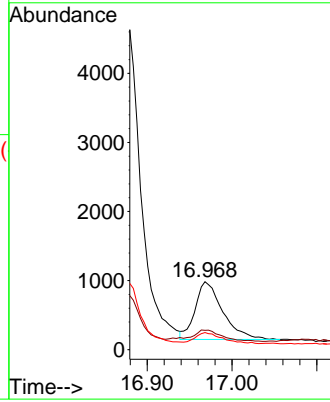
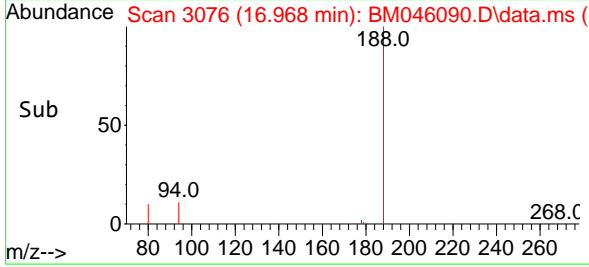


Tgt Ion:178 Resp: 1880
 Ion Ratio Lower Upper
 178 100
 179 28.4 14.9 22.3
 176 25.2 17.0 25.4

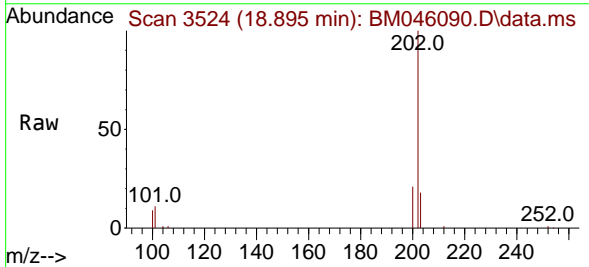
Manual Integrations

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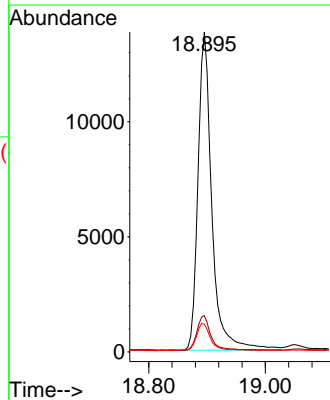
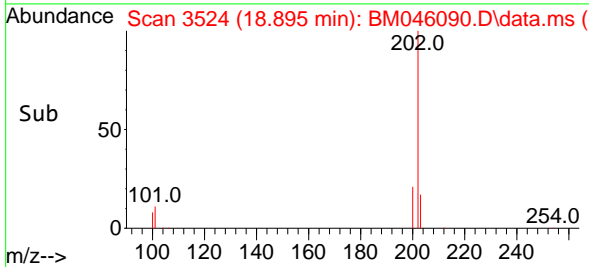
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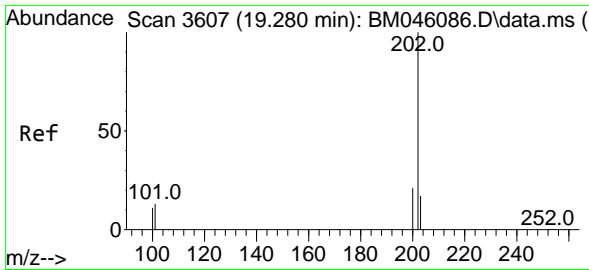


#19
 Fluoranthene
 Concen: 0.889 ng/u1
 RT: 18.895 min Scan# 3524
 Delta R.T. -0.022 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37



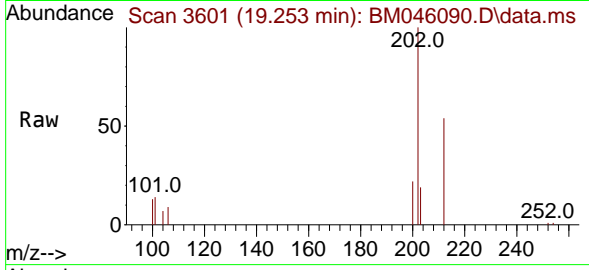
Tgt Ion:202 Resp: 22944
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.6 14.4
 100 8.7 7.6 11.4





#20
 Pyrene
 Concen: 0.611 ng/u1
 RT: 19.253 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

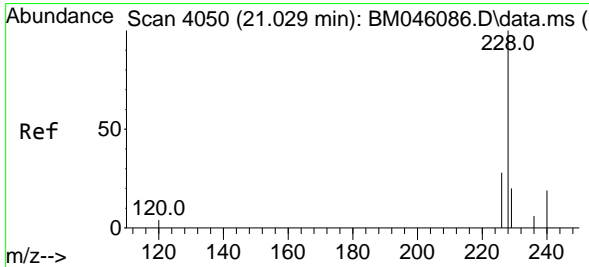
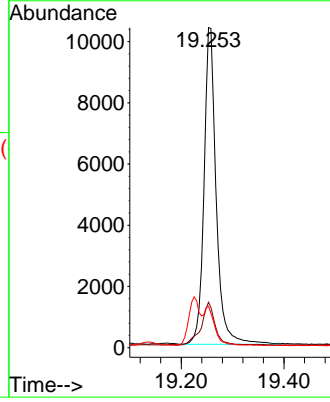
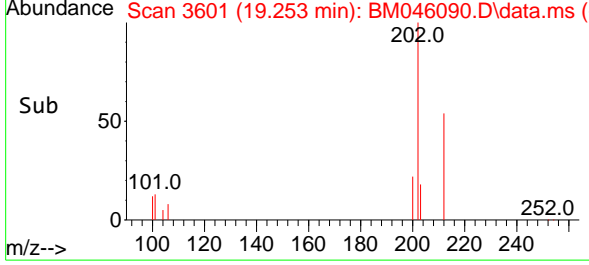
Instrument :
 BNA_M
 ClientSampleId :
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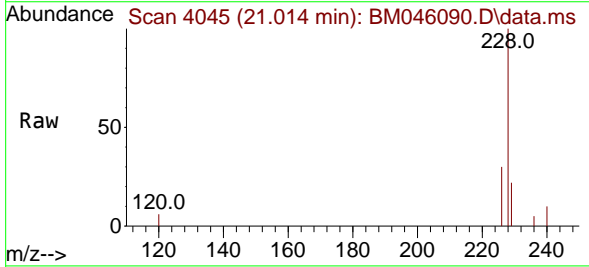
Tgt Ion:202 Resp: 17059
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.3 16.9
 100 13.0 9.8 14.6

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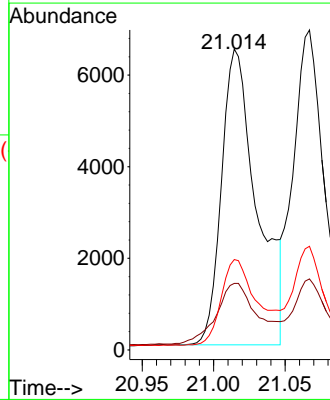
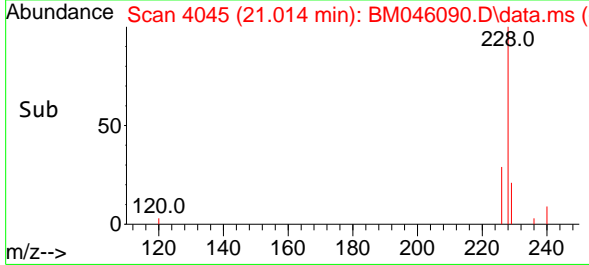
Reviewed By :Jagrut Upadhyay 06/20/2024
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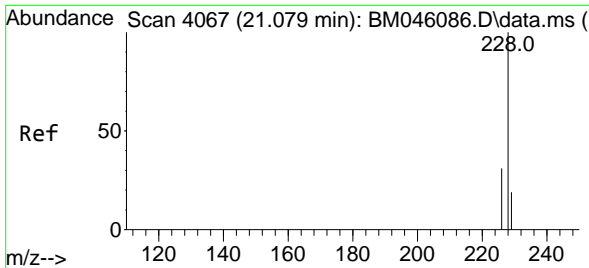


#21
 Benzo(a)anthracene
 Concen: 0.482 ng/u1
 RT: 21.014 min Scan# 4045
 Delta R.T. -0.015 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37



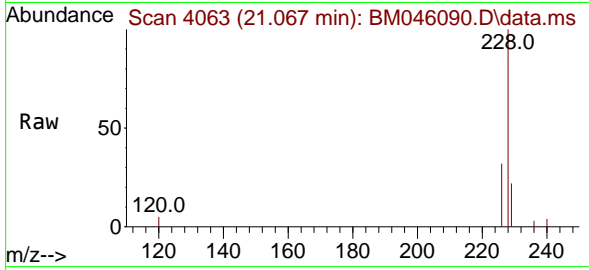
Tgt Ion:228 Resp: 11114
 Ion Ratio Lower Upper
 228 100
 229 22.1 16.4 24.6
 226 30.0 23.4 35.2





#22
Chrysene
 Concen: 0.375 ng/u1
 RT: 21.067 min Scan# 4063
 Delta R.T. -0.009 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

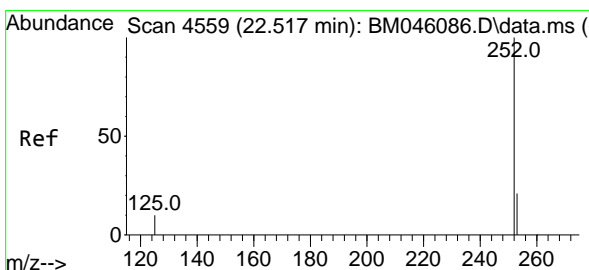
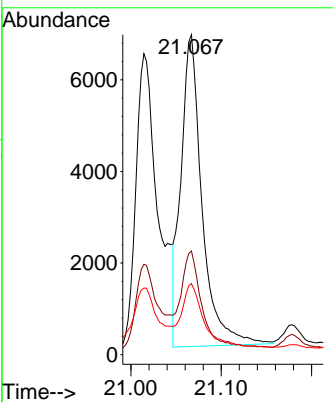
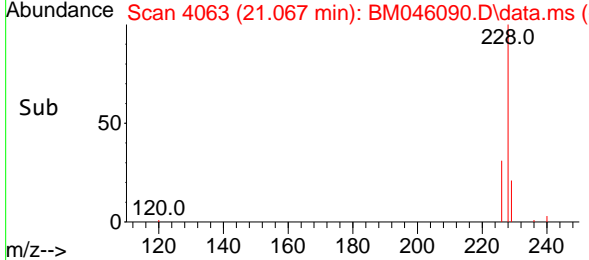
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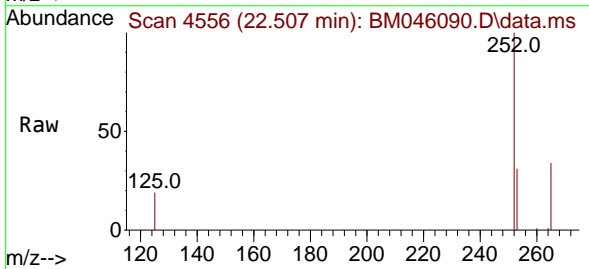
Tgt Ion:228 Resp: 11019

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.2	37.8
229	22.2	16.3	24.5

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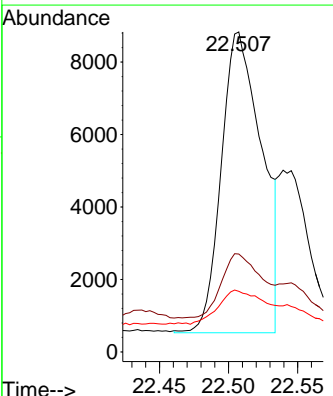
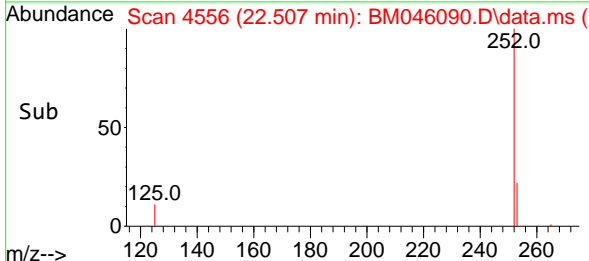


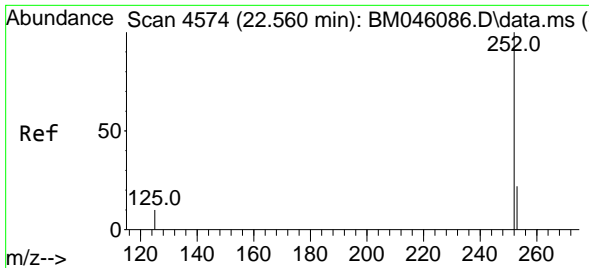
#24
Benzo(b)fluoranthene
 Concen: 0.677 ng/u1 m
 RT: 22.507 min Scan# 4556
 Delta R.T. -0.012 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37



Tgt Ion:252 Resp: 16932

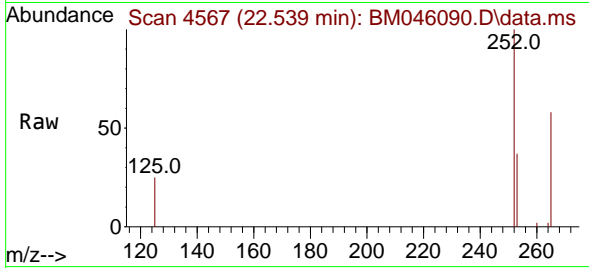
Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	65.8
125	19.0	0.0	40.2





#25
 Benzo(k)fluoranthene
 Concen: 0.257 ng/u1 m
 RT: 22.539 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

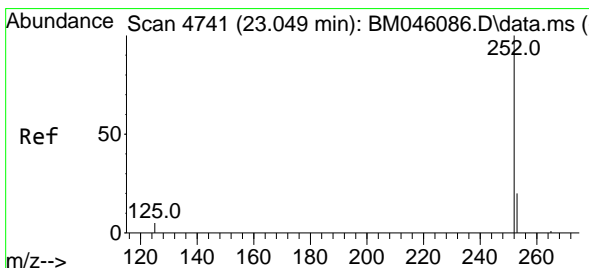
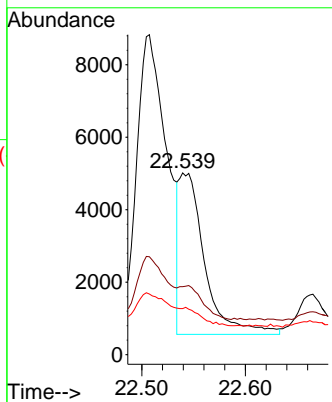
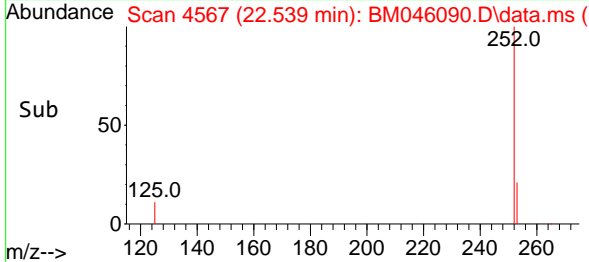
Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8DL



Tgt Ion:252 Resp: 7639
 Ion Ratio Lower Upper
 252 100
 253 37.4 27.2 40.8
 125 25.3 16.6 25.0

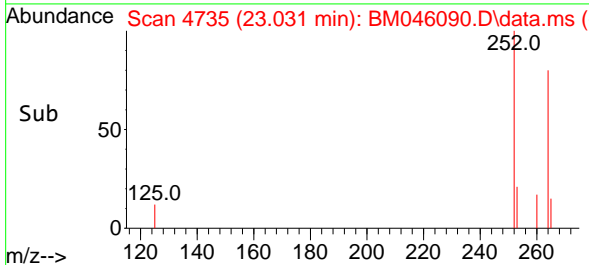
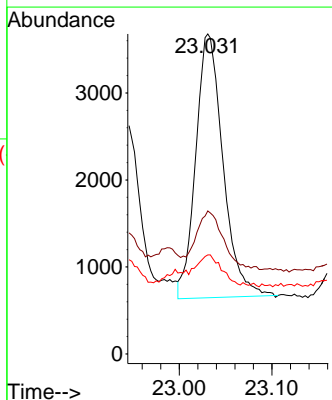
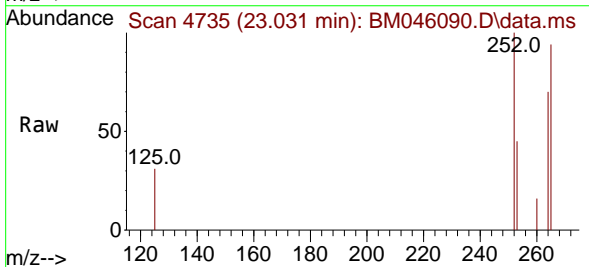
Manual Integrations
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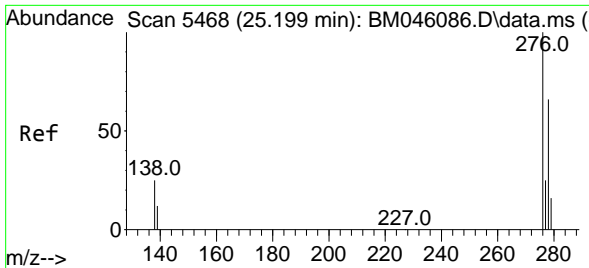
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024



#26
 Benzo(a)pyrene
 Concen: 0.267 ng/u1
 RT: 23.031 min Scan# 4735
 Delta R.T. -0.024 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

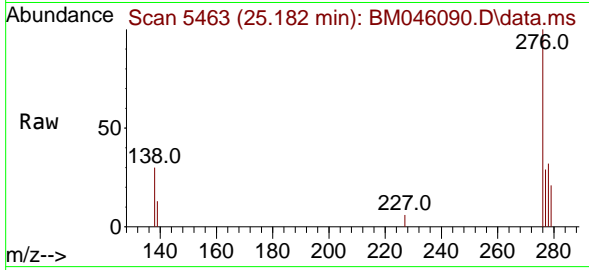
Tgt Ion:252 Resp: 6195
 Ion Ratio Lower Upper
 252 100
 253 44.7 32.1 48.1
 125 30.9 21.2 31.8





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.186 ng/u1
 RT: 25.182 min Scan# 5463
 Delta R.T. -0.021 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Instrument : BNA_M
 ClientSampleId : A4BJ8DL

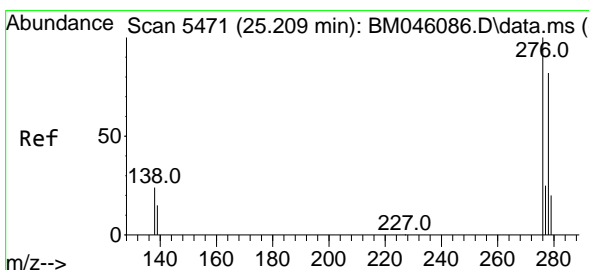
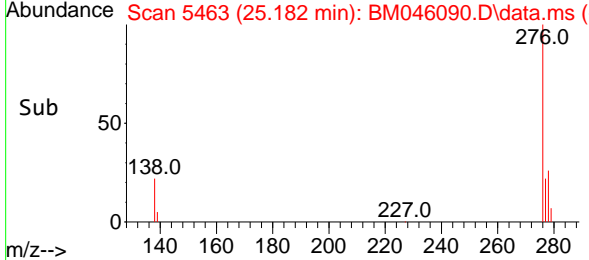
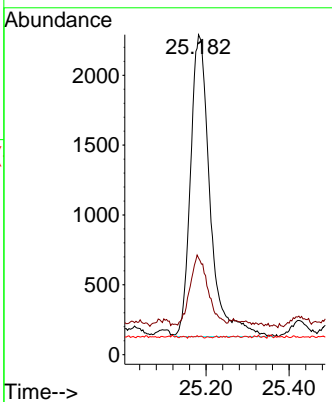


Tgt Ion: 276 Resp: 7054

Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.0	31.4
227	0.2	0.0	0.0

Manual Integrations
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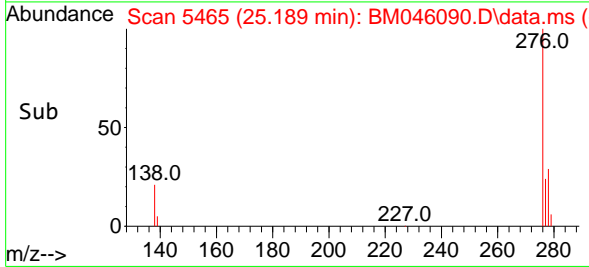
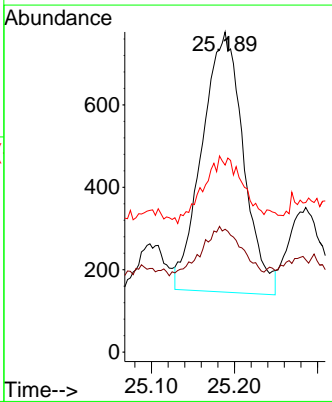
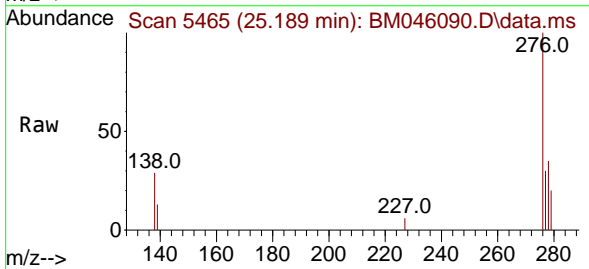
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

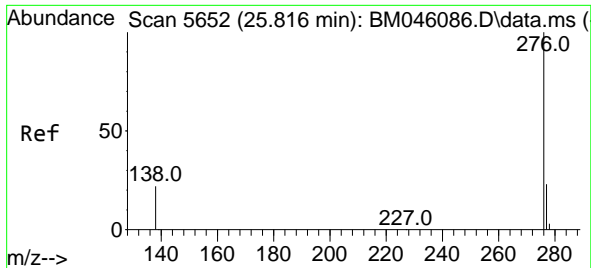


#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/u1
 RT: 25.189 min Scan# 5465
 Delta R.T. -0.027 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Tgt Ion: 278 Resp: 2177

Ion	Ratio	Lower	Upper
278	100		
139	38.4	17.6	26.4#
279	58.4	26.3	39.5#





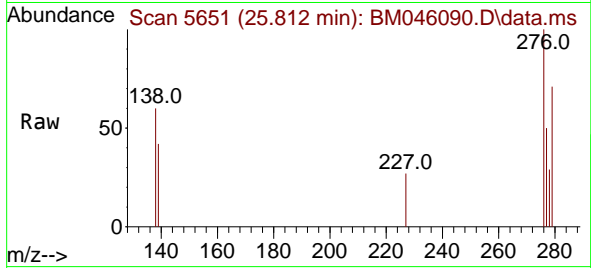
#29
 Benzo(g,h,i)perylene
 Concen: 0.035 ng/ul
 RT: 25.812 min Scan# 50
 Delta R.T. -0.017 min
 Lab File: BM046090.D
 Acq: 19 Jun 2024 17:37

Instrument :

BNA_M

ClientSampleId :

A4BJ8DL



Tgt Ion: 276 Resp: 1149

Ion	Ratio	Lower	Upper
276	100		
138	60.0	21.7	32.5
277	49.9	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

