

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035074.D
 Acq On : 14 May 2022 20:17
 Operator : CG/JU
 Sample : N2632-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :Yogesh Patel 05/18/2022

Quant Time: May 17 09:04:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	12223	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	8111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	17897	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	15258	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	13501	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	13848	2.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	4017	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	10430	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	1643	0.041	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	1395	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	1069	0.043	ng/ul	99
15) Phenanthrene	17.335	178	10162	0.149	ng/ul	96
16) Anthracene	17.424	178	1971	0.032	ng/ul	97
19) Fluoranthene	19.351	202	20908	0.244	ng/ul#	78
20) Pyrene	19.713	202	18257m	0.210	ng/ul	
21) Benzo(a)anthracene	21.458	228	8665	0.123	ng/ul#	89
22) Chrysene	21.508	228	10208	0.139	ng/ul#	92
24) Benzo(b)fluoranthene	23.136	252	12421	0.175	ng/ul#	80
25) Benzo(k)fluoranthene	23.180	252	4005m	0.059	ng/ul	
26) Benzo(a)pyrene	23.756	252	8301	0.129	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.329	276	5633	0.088	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.335	278	1639	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.087	276	6168	0.113	ng/ul#	82

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

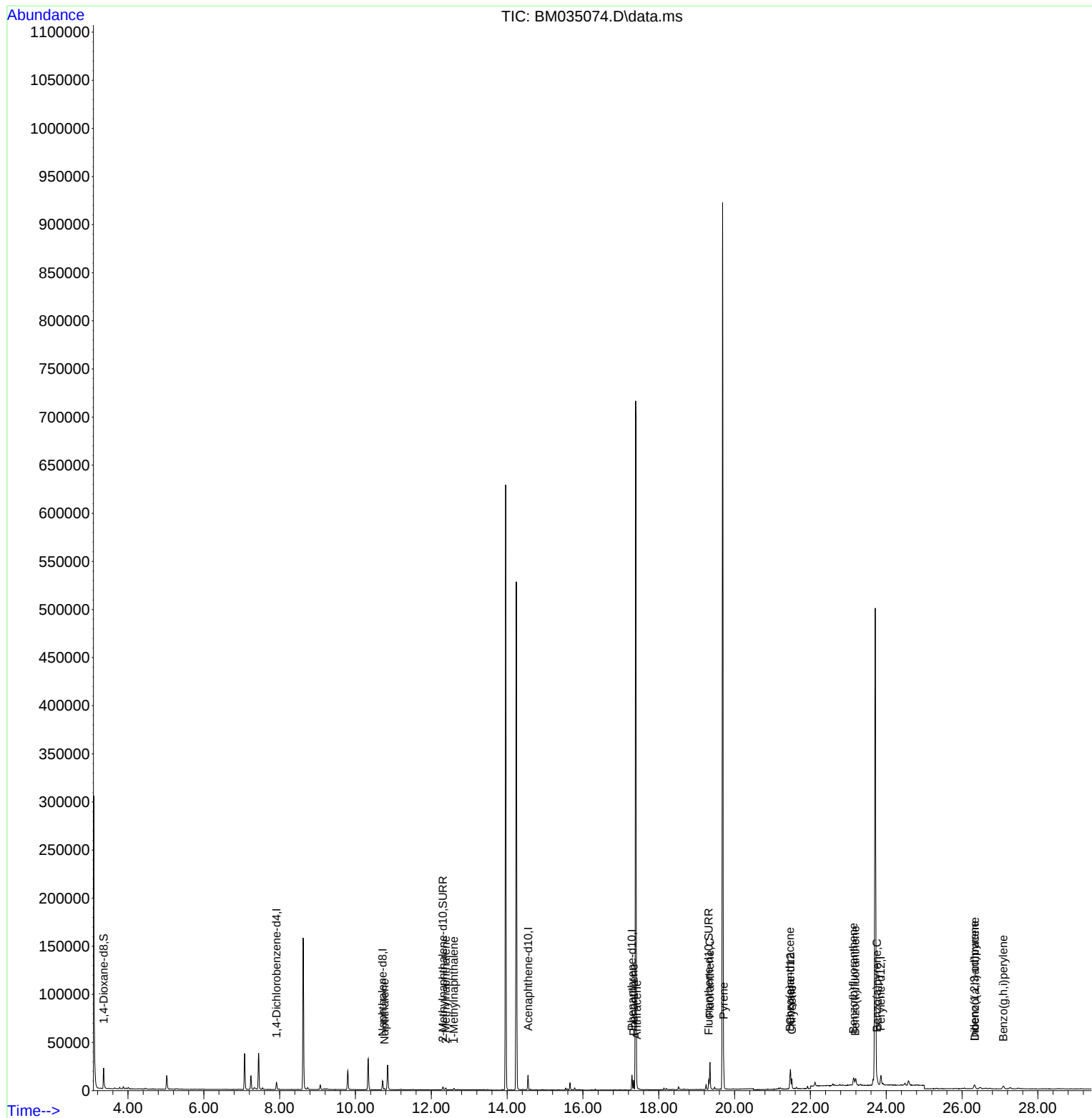
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035074.D
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Sample : N2632-10
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ALS Vial : 49 Sample Multiplier: 1

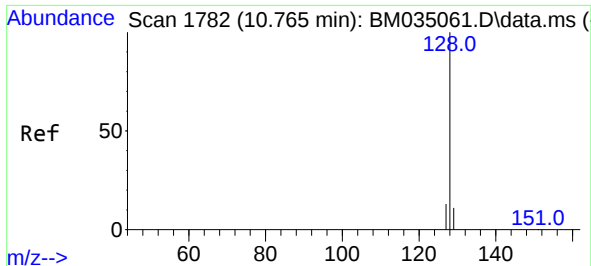
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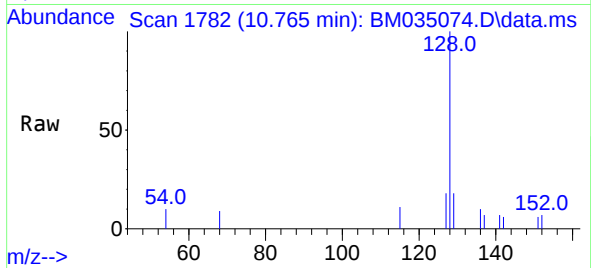
Quant Time: May 17 09:04:05 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17

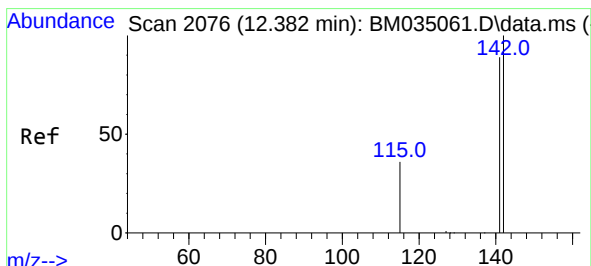
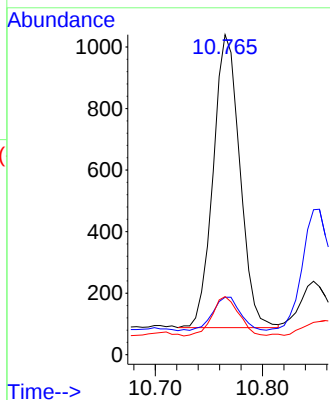
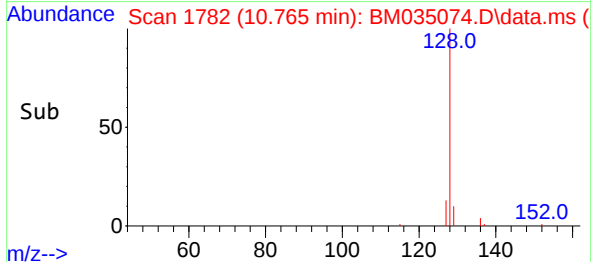
Instrument :
BNA_M
ClientSampleId :
EW4B2



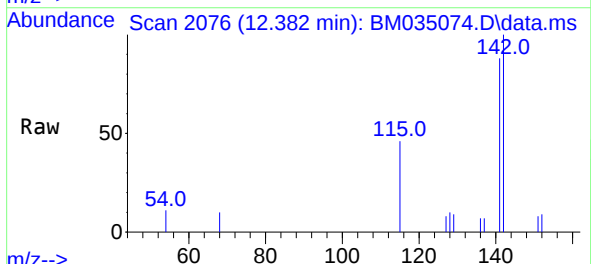
Tgt Ion:128 Resp: 164
Ion Ratio Lower Upper
128 100
129 18.0 13.4 20.2
127 18.2 15.2 22.8

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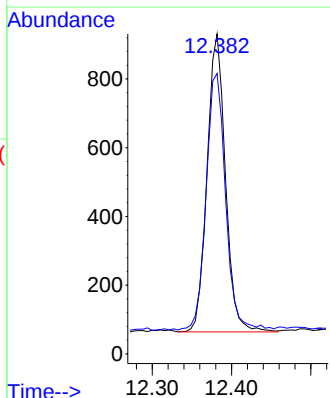
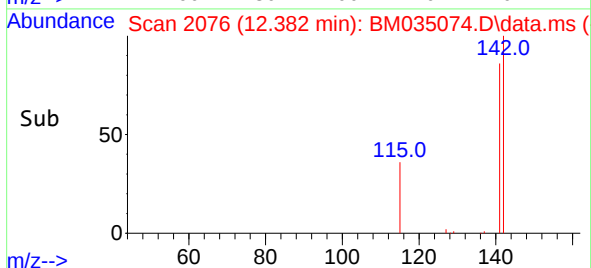
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

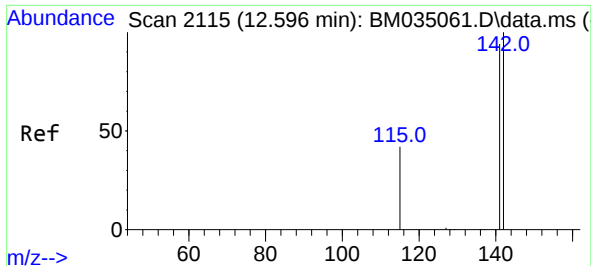


#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17



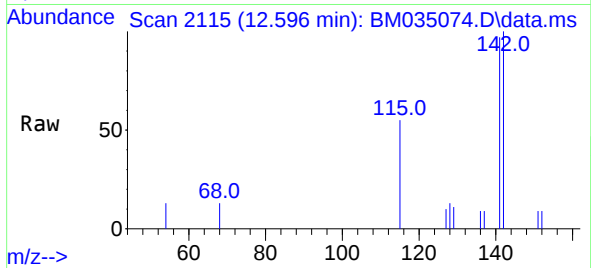
Tgt Ion:142 Resp: 1395
Ion Ratio Lower Upper
142 100
141 91.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17

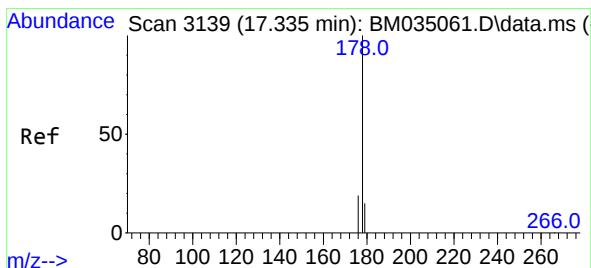
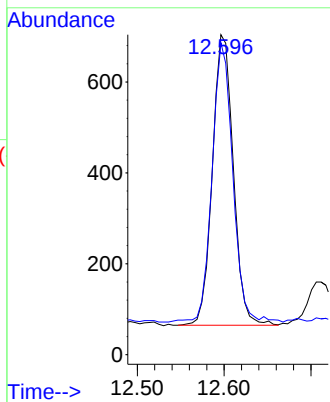
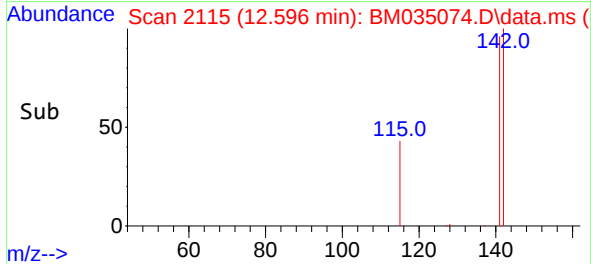
Instrument :
BNA_M
ClientSampleId :
EW4B2



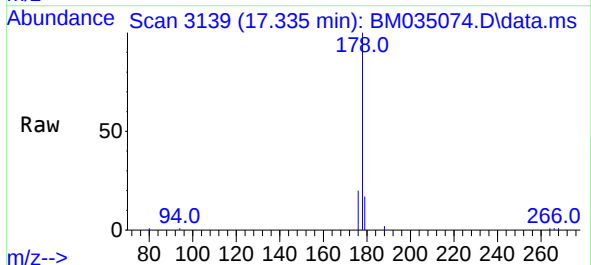
Tgt Ion:142 Resp: 1069
Ion Ratio Lower Upper
142 100
141 94.8 75.0 112.4

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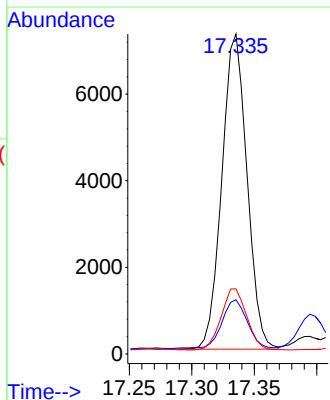
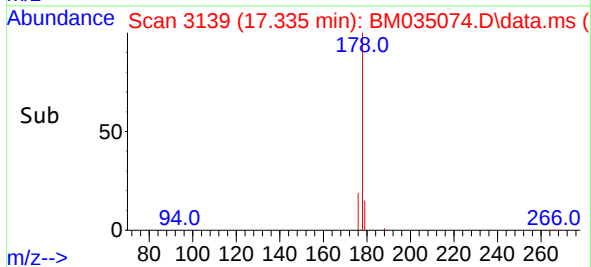
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

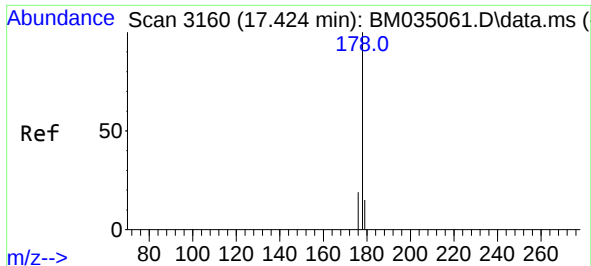


#15
Phenanthrene
Concen: 0.149 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17



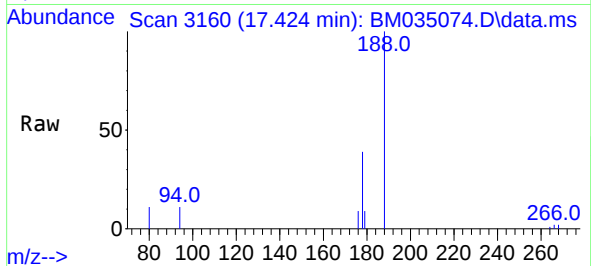
Tgt Ion:178 Resp: 10162
Ion Ratio Lower Upper
178 100
179 17.0 15.0 22.6
176 20.3 17.9 26.9





#16
 Anthracene
 Concen: 0.032 ng/u1
 RT: 17.424 min Scan# 3160
 Delta R.T. -0.003 min
 Lab File: BM035074.D
 Acq: 14 May 2022 20:17

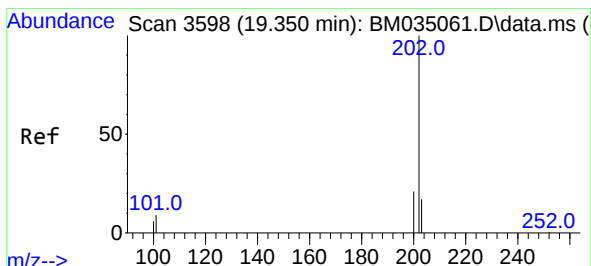
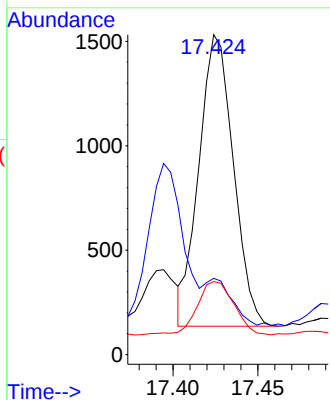
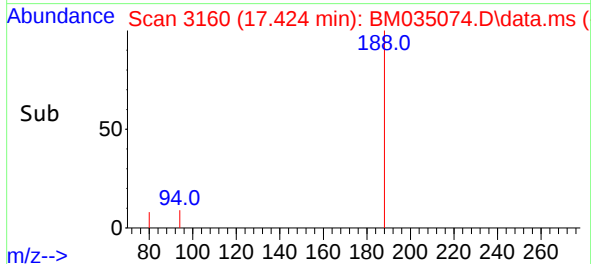
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.8	16.5	24.7
176	22.8	18.3	27.5

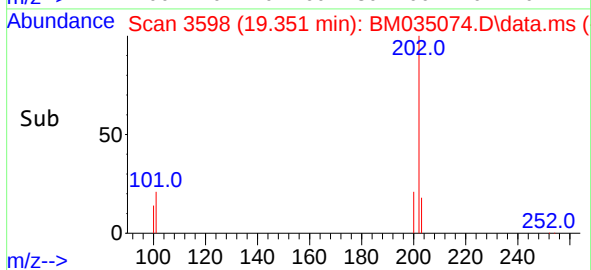
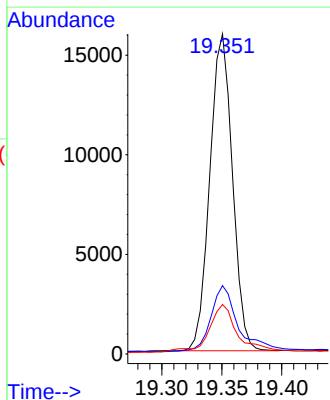
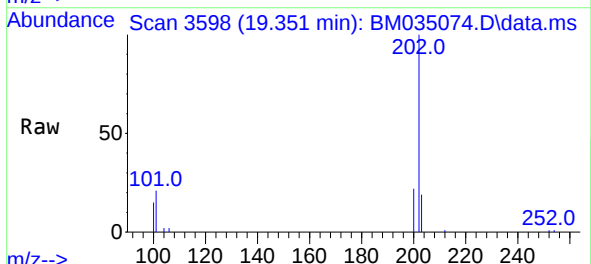
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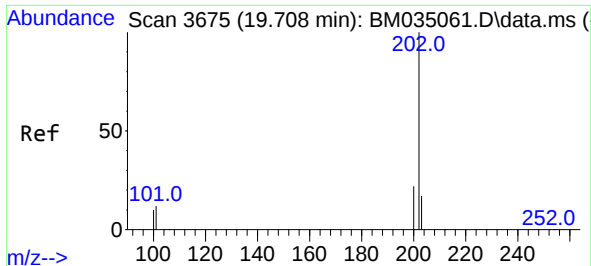
Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :Yogesh Patel 05/18/2022



#19
 Fluoranthene
 Concen: 0.244 ng/u1
 RT: 19.351 min Scan# 3598
 Delta R.T. 0.001 min
 Lab File: BM035074.D
 Acq: 14 May 2022 20:17

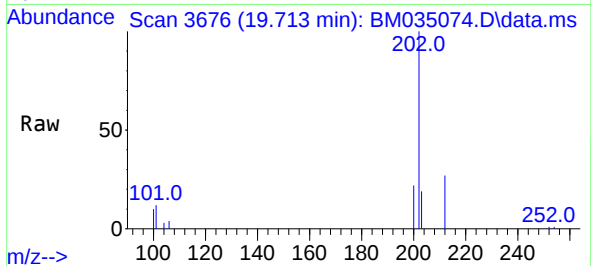
Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.3	9.2	13.8#
100	15.5	7.2	10.8#





#20
Pyrene
Concen: 0.210 ng/ul m
RT: 19.713 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17

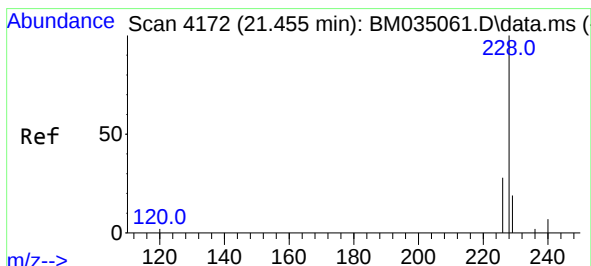
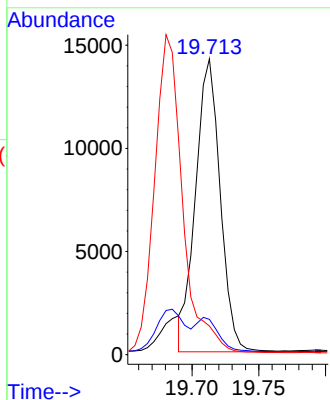
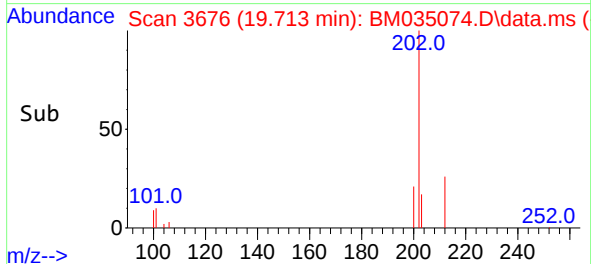
Instrument :
BNA_M
ClientSampleId :
EW4B2



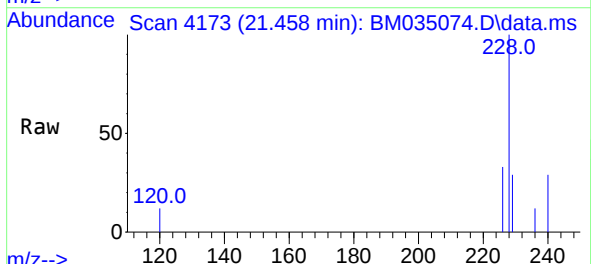
Tgt Ion:202 Resp: 1825
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.7 7.8 11.6

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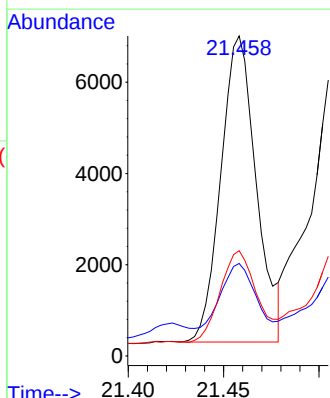
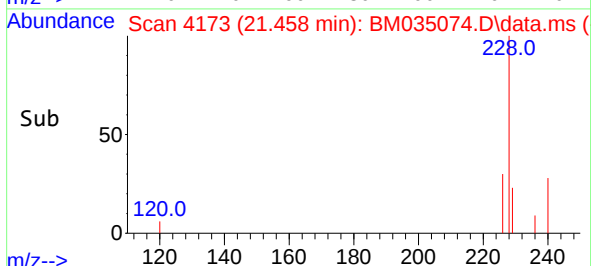
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

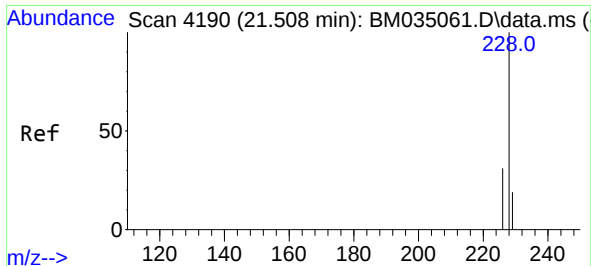


#21
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.001 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17



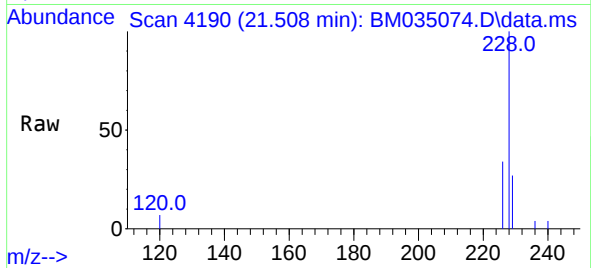
Tgt Ion:228 Resp: 8665
Ion Ratio Lower Upper
228 100
229 28.9 17.3 25.9#
226 32.9 23.2 34.8





#22
Chrysene
Concen: 0.139 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17

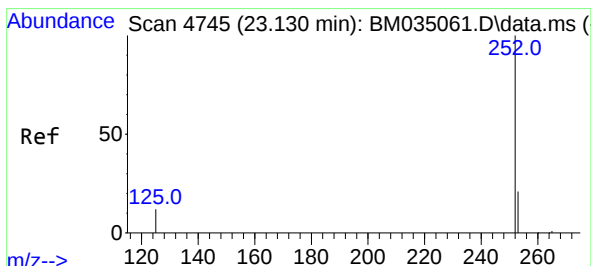
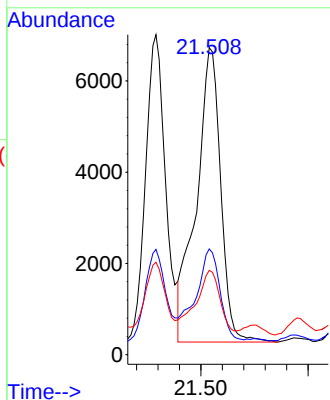
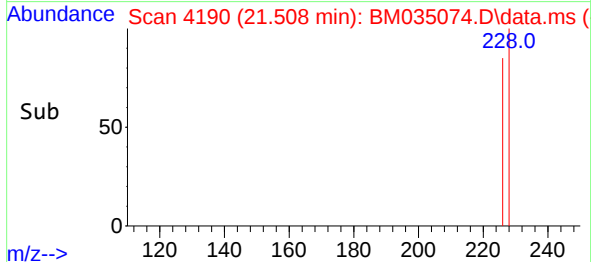
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BNA_M
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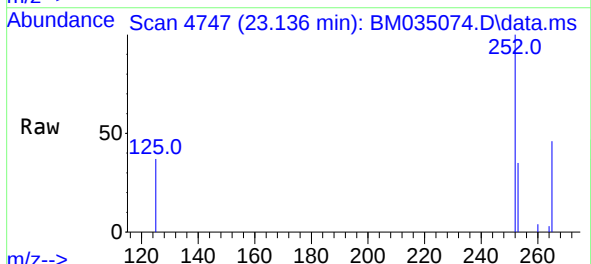
Tgt Ion:228 Resp: 10208
Ion Ratio Lower Upper
228 100
226 34.5 25.8 38.8
229 27.5 16.7 25.1

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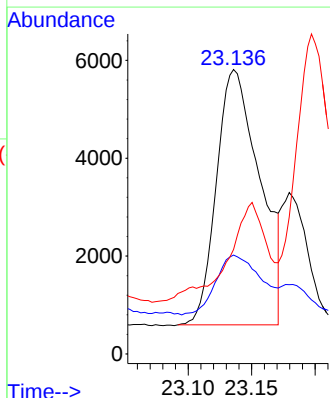
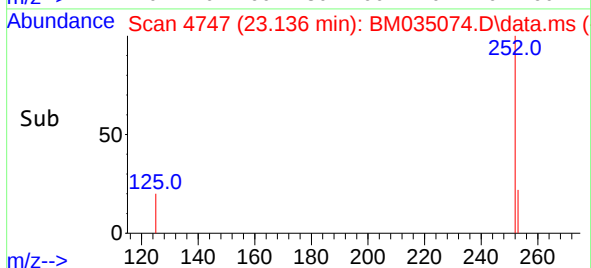
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

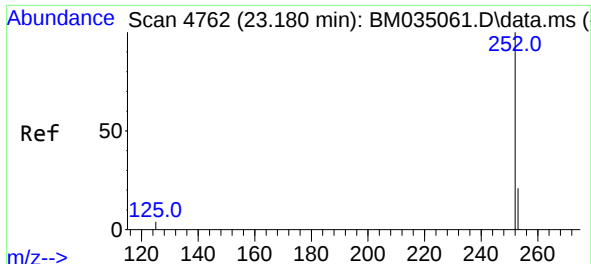


#24
Benzo(b)fluoranthene
Concen: 0.175 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.002 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17



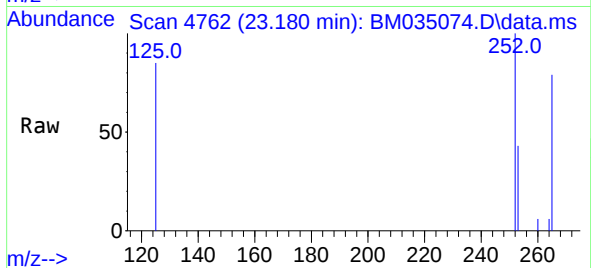
Tgt Ion:252 Resp: 12421
Ion Ratio Lower Upper
252 100
253 34.7 0.0 64.2
125 36.7 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.001 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17

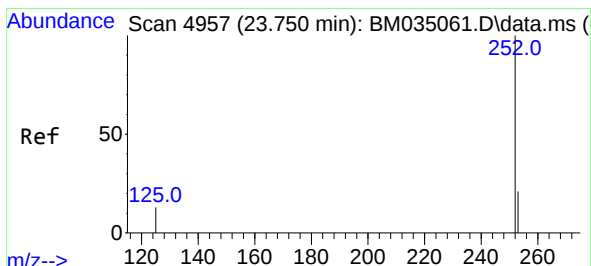
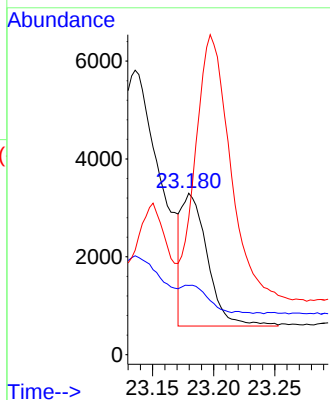
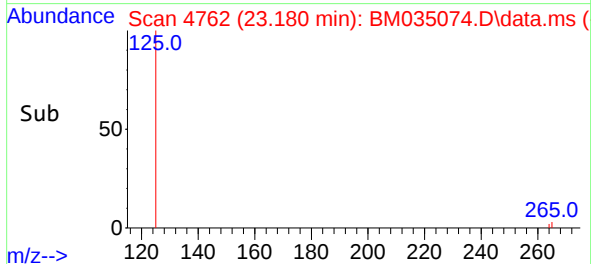
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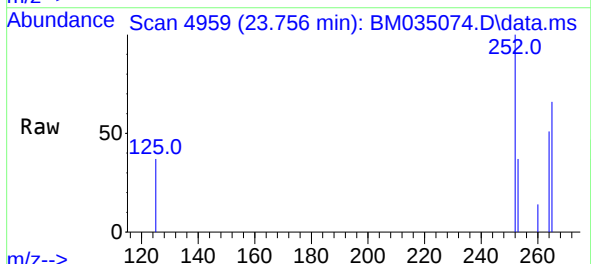
Tgt Ion:252 Resp: 400
Ion Ratio Lower Upper
252 100
253 42.9 26.8 40.2
125 84.8 12.0 18.0

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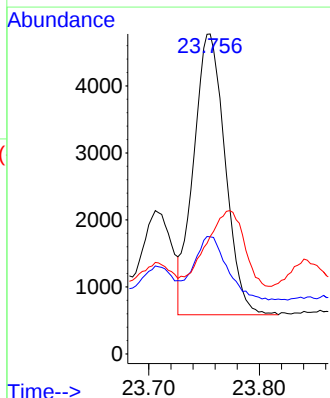
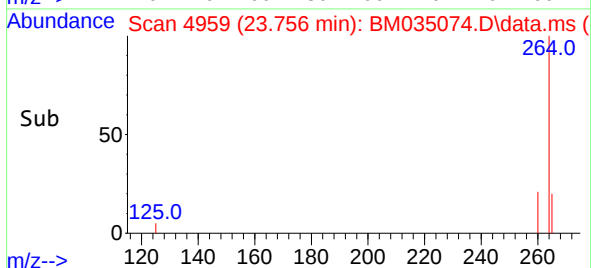
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :Yogesh Patel 05/18/2022

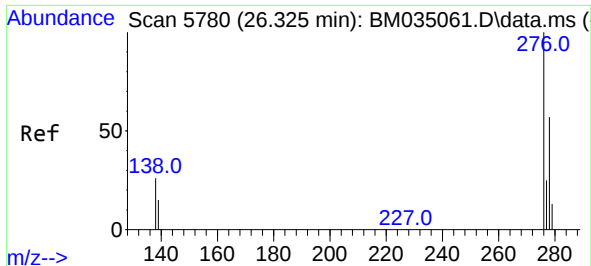


#26
Benzo(a)pyrene
Concen: 0.129 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. 0.005 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17



Tgt Ion:252 Resp: 8301
Ion Ratio Lower Upper
252 100
253 36.6 32.0 48.0
125 36.7 14.5 21.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.088 ng/ul

RT: 26.329 min Scan# 5780

Delta R.T. 0.003 min

Lab File: BM035074.D

Acq: 14 May 2022 20:17

Instrument :

BNA_M

ClientSampleId :

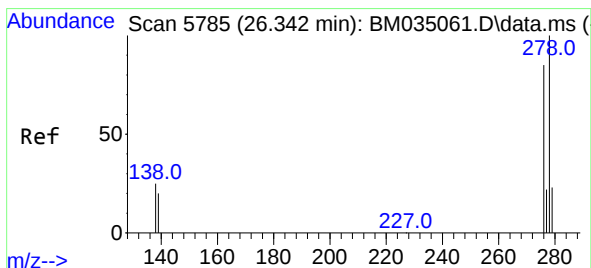
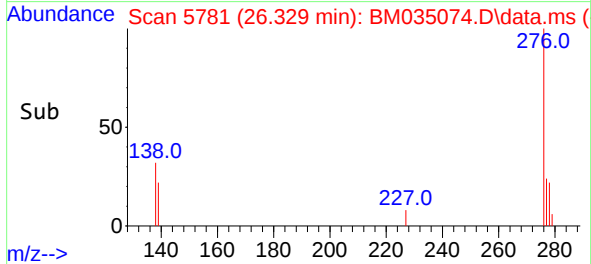
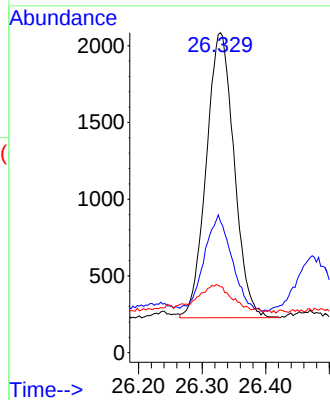
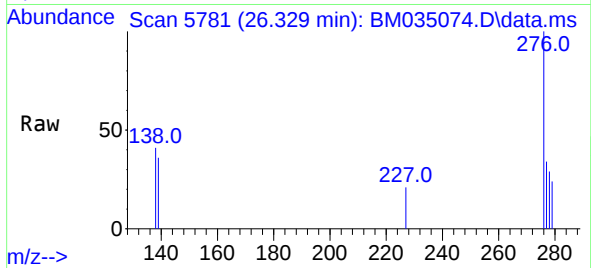
EW4B2

Tgt Ion:	276	Resp:	563
Ion Ratio	Lower	Upper	
276	100		
138	33.3	15.8	23.6
227	11.3	0.0	0.0

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Supervised By :Yogesh Patel 05/18/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.032 ng/ul

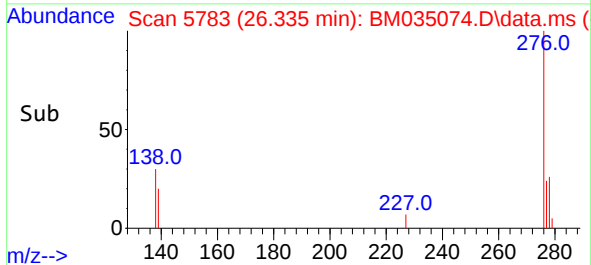
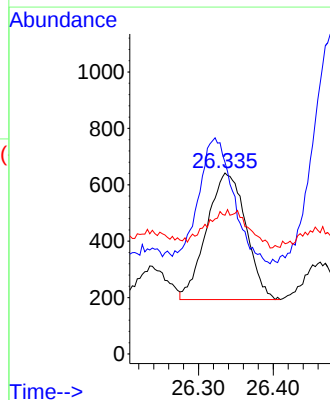
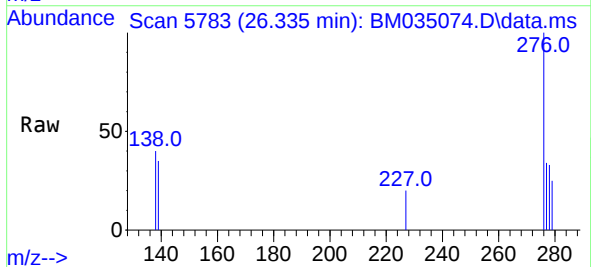
RT: 26.335 min Scan# 5783

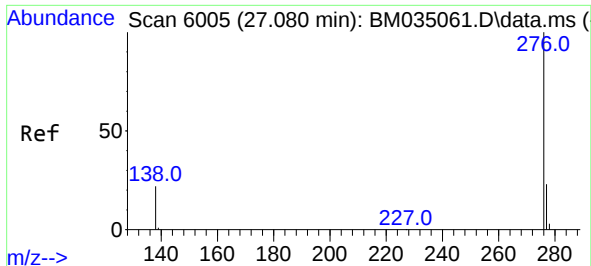
Delta R.T. -0.007 min

Lab File: BM035074.D

Acq: 14 May 2022 20:17

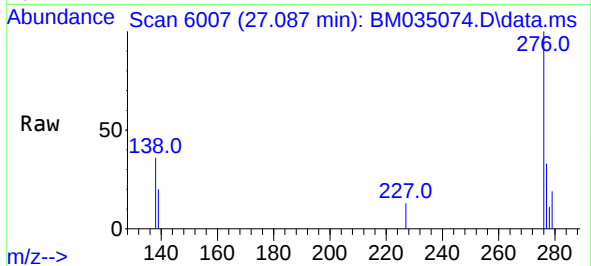
Tgt Ion:	278	Resp:	1639
Ion Ratio	Lower	Upper	
278	100		
139	105.9	18.0	27.0
279	76.6	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.006 min
Lab File: BM035074.D
Acq: 14 May 2022 20:17

Instrument :
BNA_M
ClientSampleId :
EW4B2



Tgt Ion: 276 Resp: 616
Ion Ratio Lower Upper
276 100
138 35.6 17.4 26.0
277 33.1 22.6 33.8

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 05/17/2022
Supervised By : Yogesh Patel 05/18/2022

