

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035064.D
 Acq On : 14 May 2022 14:17
 Operator : CG/JU
 Sample : N2603-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW491

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 15 01:31:06 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	3926	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	12540	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.548	164	8570	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	18804	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	16030	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	13271	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	24124	5.130	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	8149	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	23124	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	16150	0.390	ng/ul#	88
7) 2-Methylnaphthalene	12.376	142	9472	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	7125	0.282	ng/ul	99
10) Acenaphthylene	14.271	152	3286	0.065	ng/ul#	96
11) Acenaphthene	14.613	153	45112	1.232	ng/ul	94
12) Fluorene	15.598	166	64461	1.505	ng/ul#	97
14) Pentachlorophenol	16.947	266	159	0.022	ng/ul	91
15) Phenanthrene	17.335	178	727745	10.160	ng/ul	93
16) Anthracene	17.424	178	207373	3.178	ng/ul#	91
19) Fluoranthene	19.350	202	872321	9.690	ng/ul	95
20) Pyrene	19.713	202	708993	7.754	ng/ul	99
21) Benzo(a)anthracene	21.455	228	335771	4.526	ng/ul	98
22) Chrysene	21.508	228	309783	4.013	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	354514	5.094	ng/ul	87
25) Benzo(k)fluoranthene	23.177	252	105079m	1.582	ng/ul	
26) Benzo(a)pyrene	23.755	252	236200	3.731	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.325	276	144810	2.311	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.335	278	33702	0.676	ng/ul	94
29) Benzo(g,h,i)perylene	27.087	276	111098	2.062	ng/ul	95

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

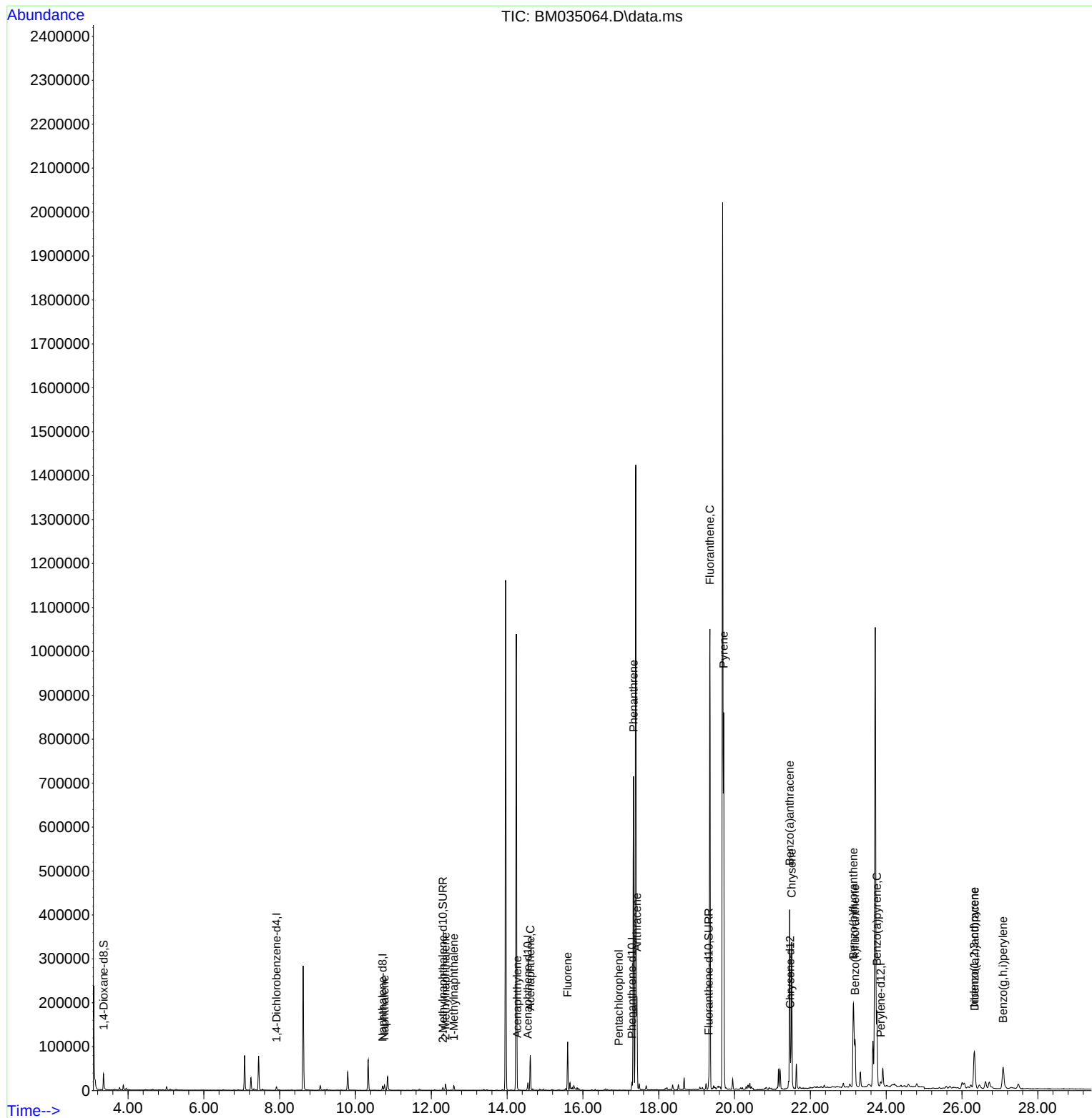
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035064.D
Acq On : 14 May 2022 14:17
Operator : CG/JU
Sample : N2603-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

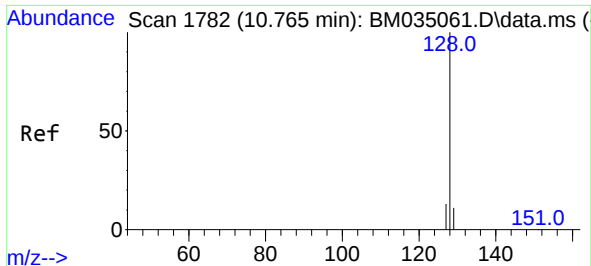
Instrument :
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Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

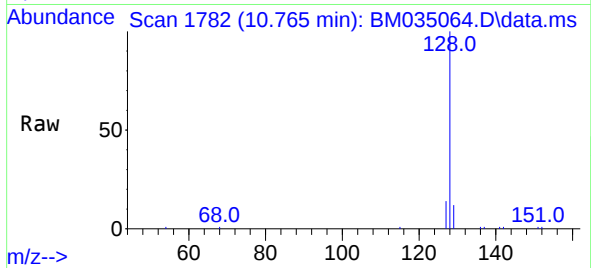
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

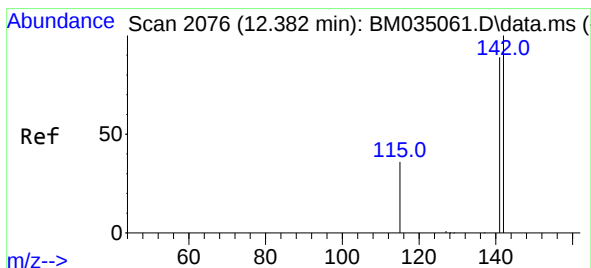
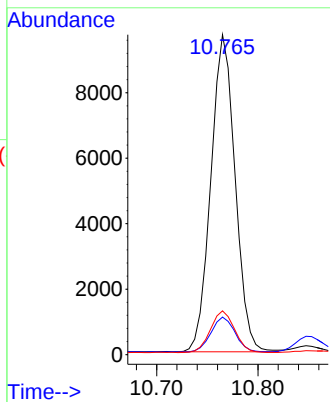
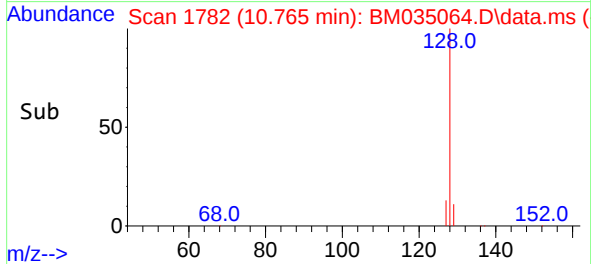
Instrument :
BNA_M
ClientSampleId :
EW491



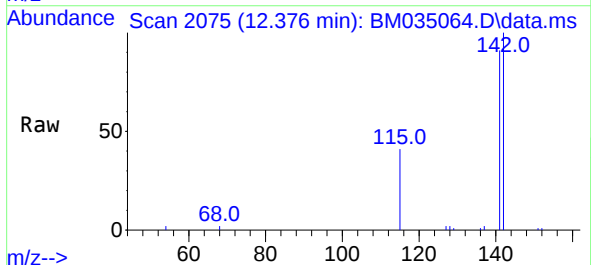
Tgt Ion:128 Resp: 16150
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2
127 13.7 15.2 22.8

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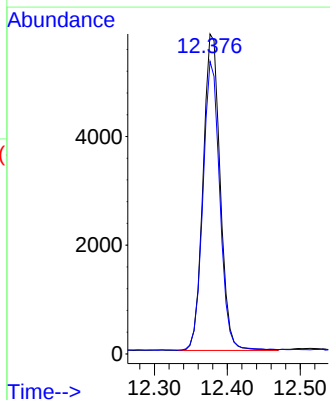
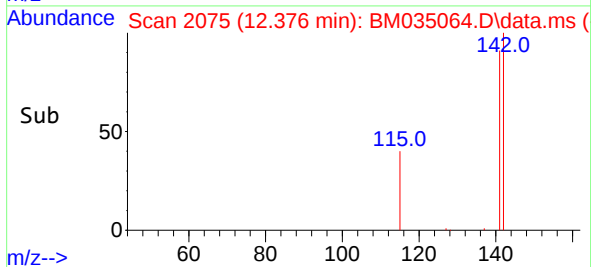
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

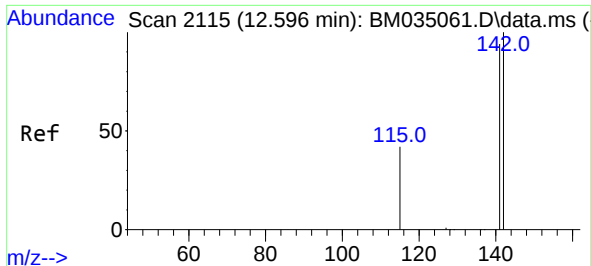


#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17



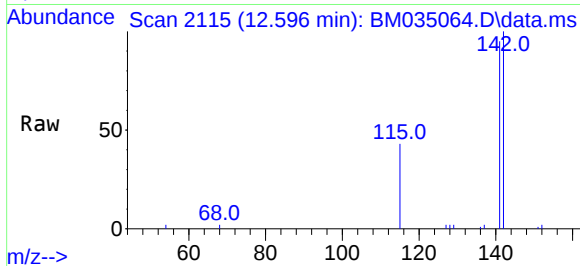
Tgt Ion:142 Resp: 9472
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

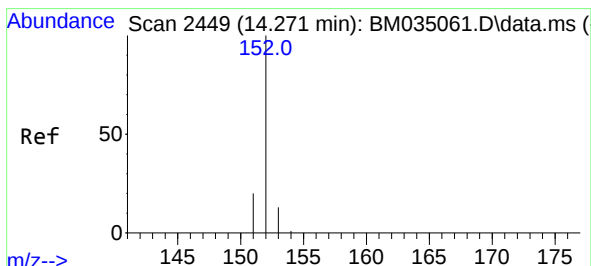
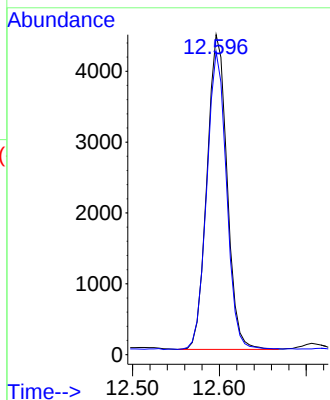
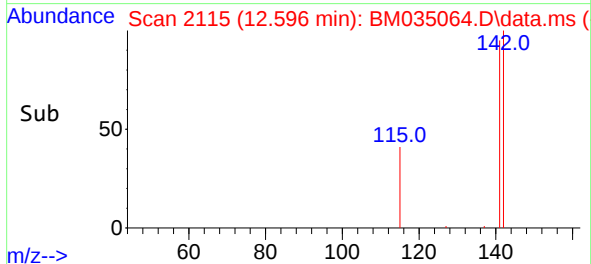
Instrument :
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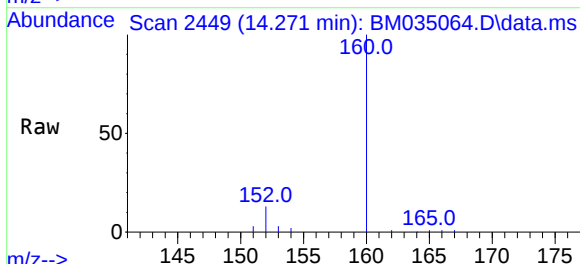
Tgt Ion:142 Resp: 7125
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

Manual Integrations
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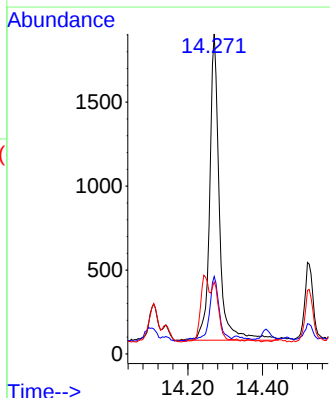
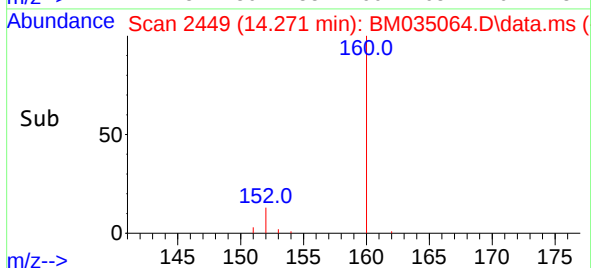
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

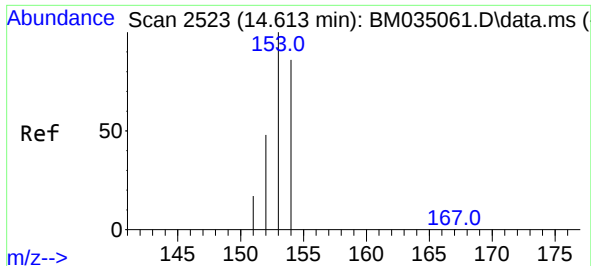


#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17



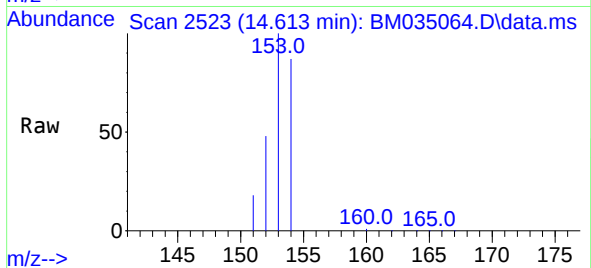
Tgt Ion:152 Resp: 3286
Ion Ratio Lower Upper
152 100
151 24.2 19.9 29.9
153 22.5 15.0 22.4#





#11
Acenaphthene
Concen: 1.232 ng/u1
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

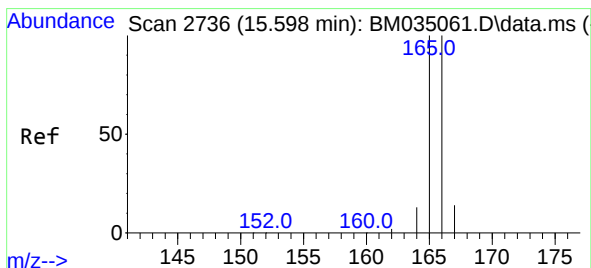
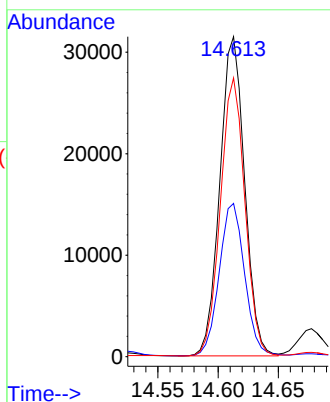
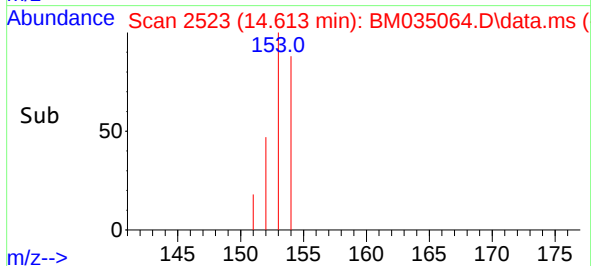
Instrument :
BNA_M
ClientSampleId :
EW491



Tgt Ion:153 Resp: 45112
Ion Ratio Lower Upper
153 100
152 47.9 42.4 63.6
154 87.1 66.2 99.2

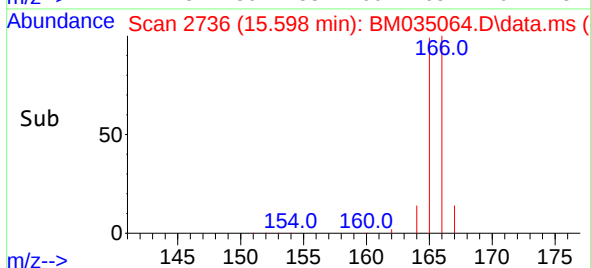
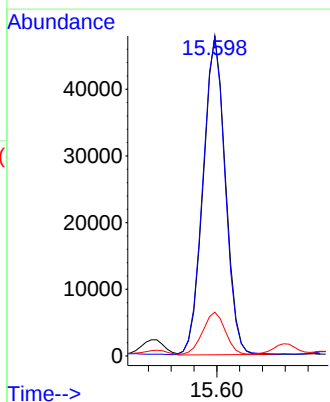
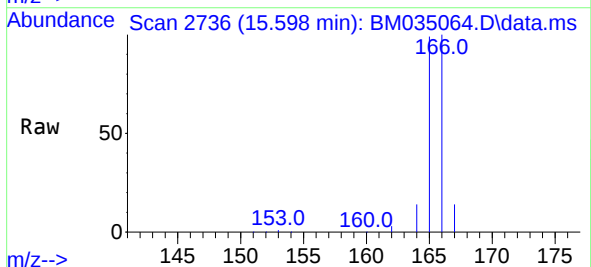
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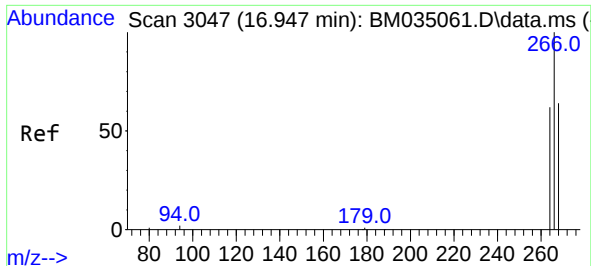
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 1.505 ng/u1
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

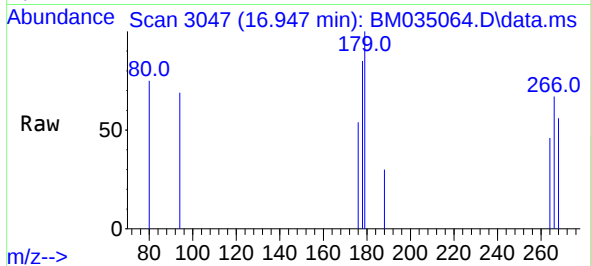
Tgt Ion:166 Resp: 64461
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 13.7 14.9 22.3





#14
Pentachlorophenol
Concen: 0.022 ng/u1
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

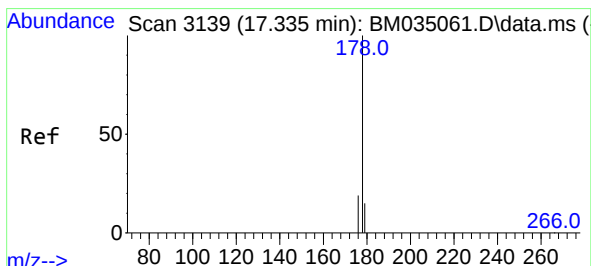
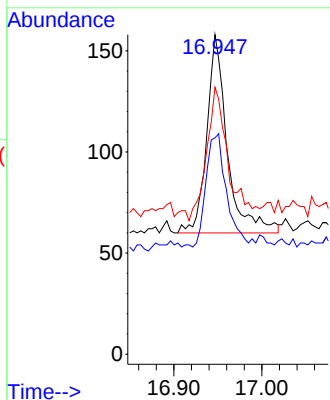
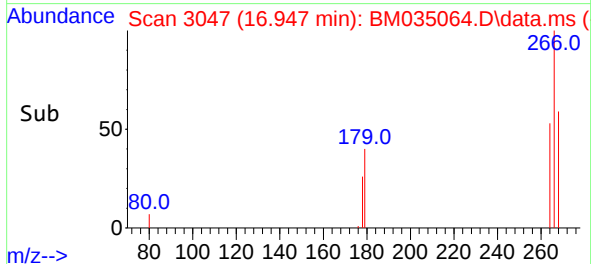
Instrument :
BNA_M
ClientSampleId :
EW491



Tgt Ion:266 Resp: 159
Ion Ratio Lower Upper
266 100
264 54.1 51.4 77.0
268 71.1 53.1 79.7

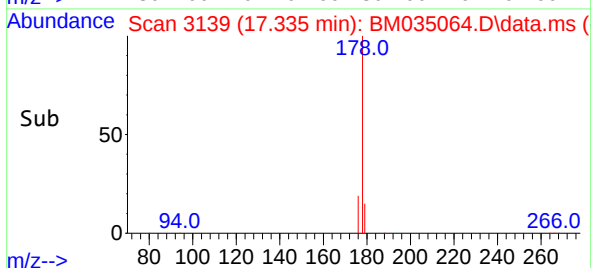
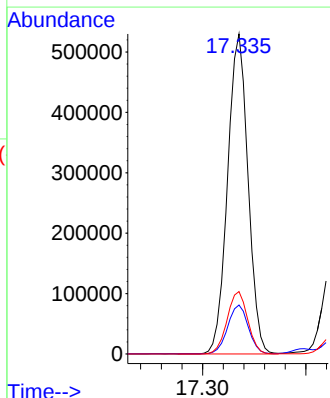
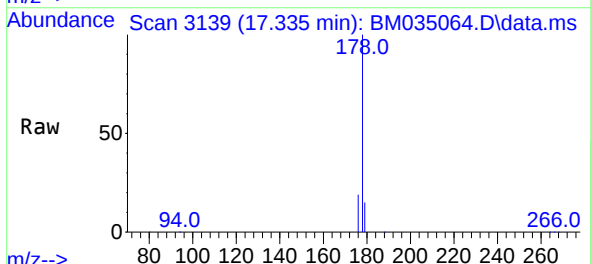
Manual Integrations
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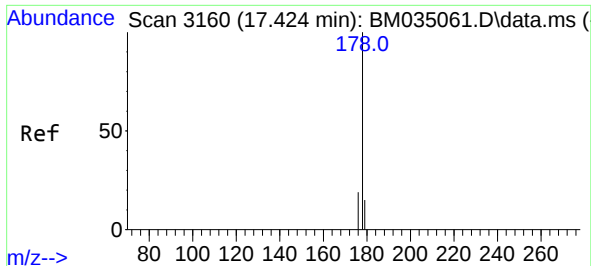
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#15
Phenanthrene
Concen: 10.160 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

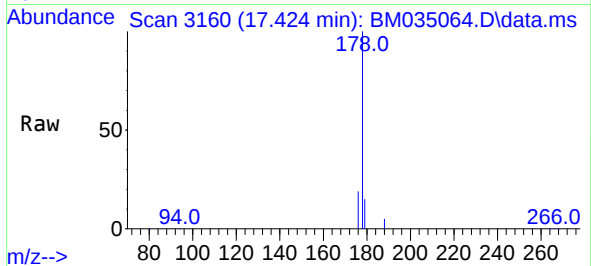
Tgt Ion:178 Resp: 727745
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.5 17.9 26.9





#16
 Anthracene
 Concen: 3.178 ng/u1
 RT: 17.424 min Scan# 3160
 Delta R.T. -0.003 min
 Lab File: BM035064.D
 Acq: 14 May 2022 14:17

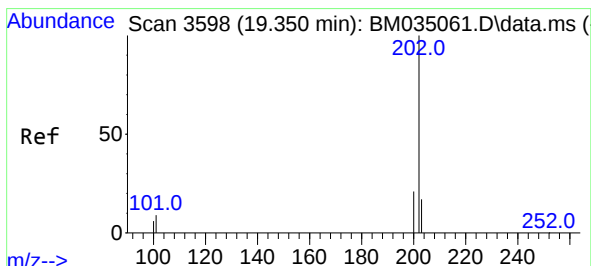
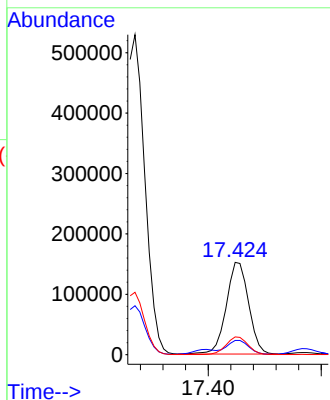
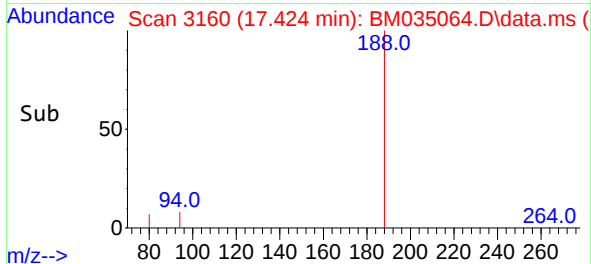
Instrument :
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Tgt Ion:178 Resp: 20737
 Ion Ratio Lower Upper
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 179 15.4 16.5 24.7
 176 19.3 18.3 27.5

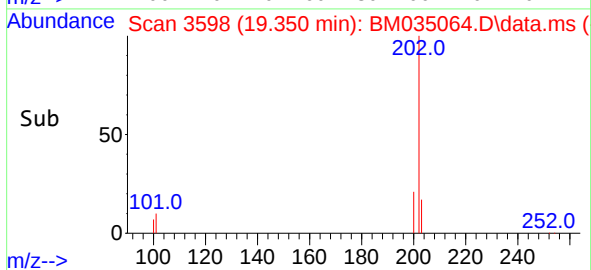
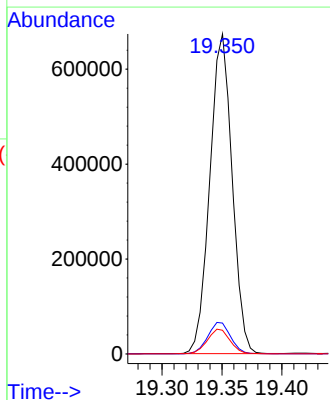
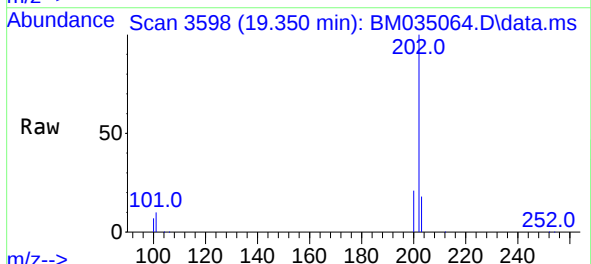
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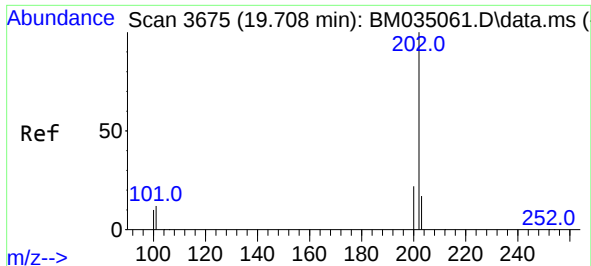
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022



#19
 Fluoranthene
 Concen: 9.690 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. 0.001 min
 Lab File: BM035064.D
 Acq: 14 May 2022 14:17

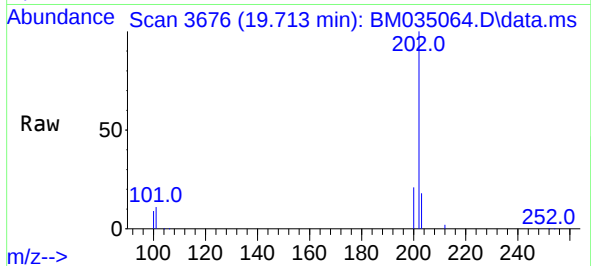
Tgt Ion:202 Resp: 872321
 Ion Ratio Lower Upper
 202 100
 101 9.7 9.2 13.8
 100 7.4 7.2 10.8





#20
Pyrene
Concen: 7.754 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

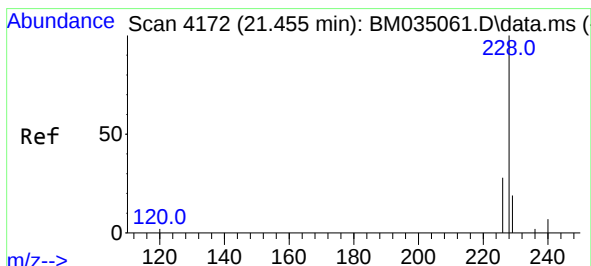
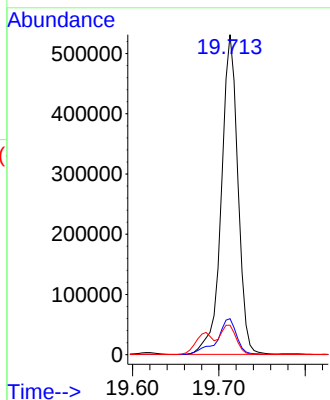
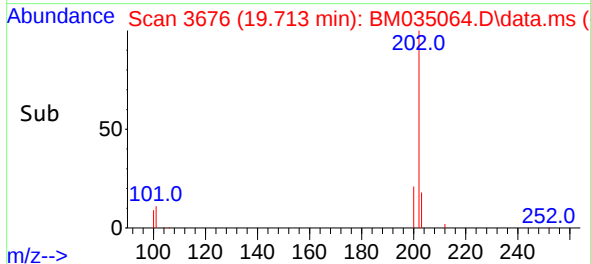
Instrument :
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EW491



Tgt Ion:202 Resp: 70899
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.2 7.8 11.6

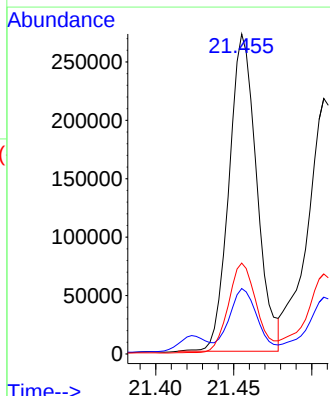
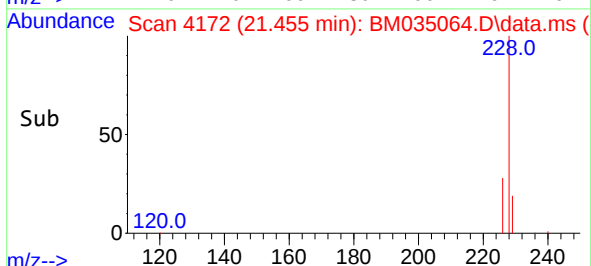
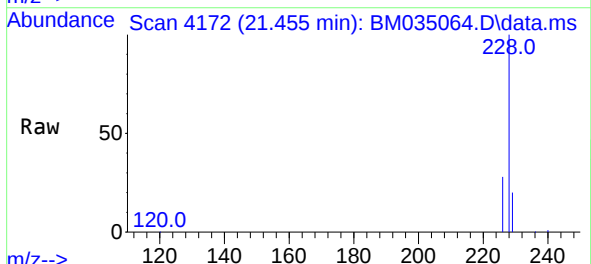
Manual Integrations
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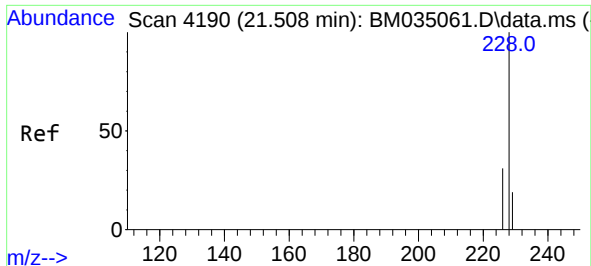
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#21
Benzo(a)anthracene
Concen: 4.526 ng/u1
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

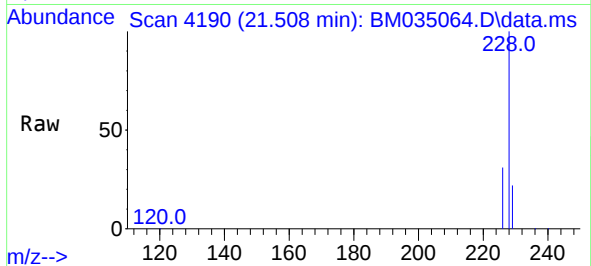
Tgt Ion:228 Resp: 335771
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 28.4 23.2 34.8





#22
Chrysene
Concen: 4.013 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

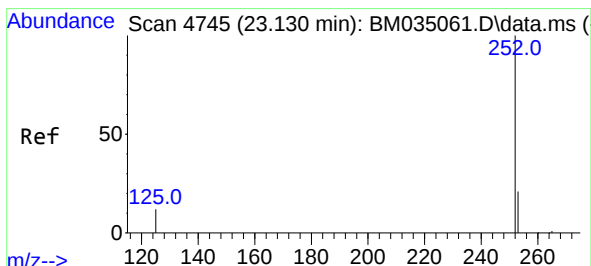
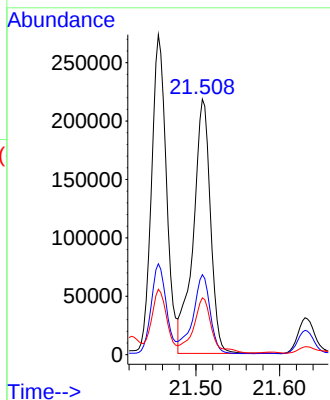
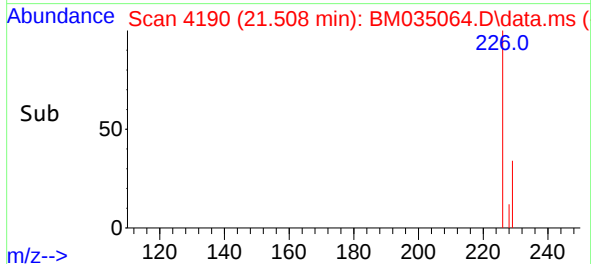
Instrument :
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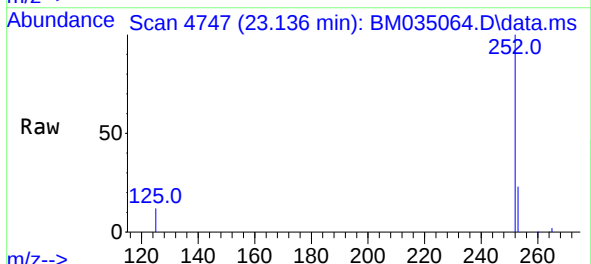
Tgt Ion:228 Resp: 30978
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 22.2 16.7 25.1

Manual Integrations
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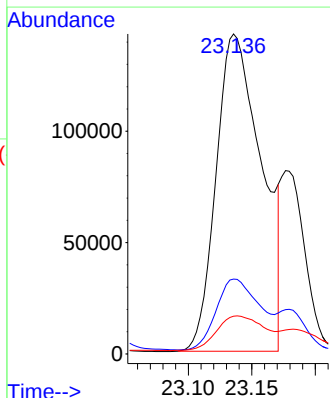
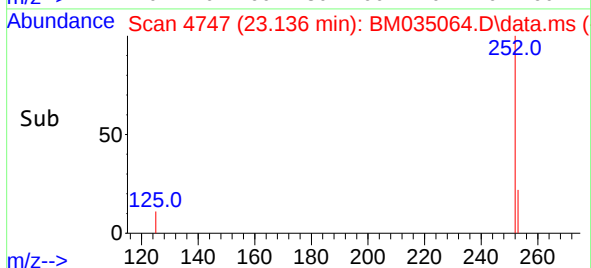
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

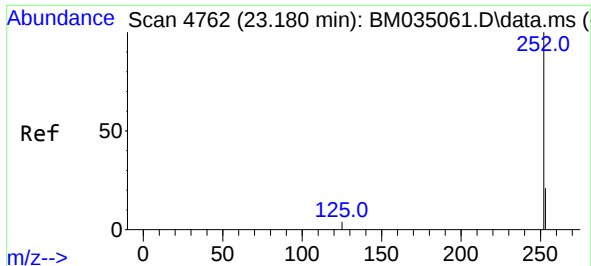


#24
Benzo(b)fluoranthene
Concen: 5.094 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.002 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17



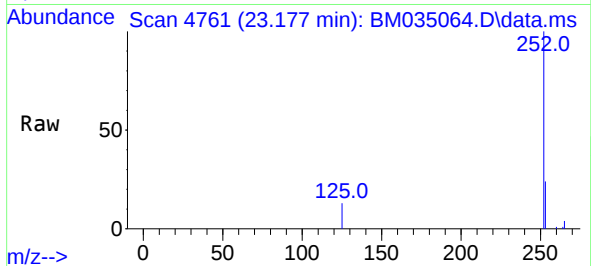
Tgt Ion:252 Resp: 354514
Ion Ratio Lower Upper
252 100
253 23.4 0.0 64.2
125 11.8 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 1.582 ng/ul m
RT: 23.177 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

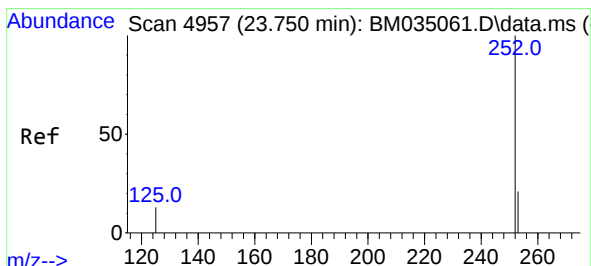
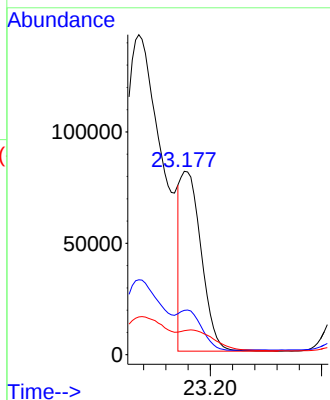
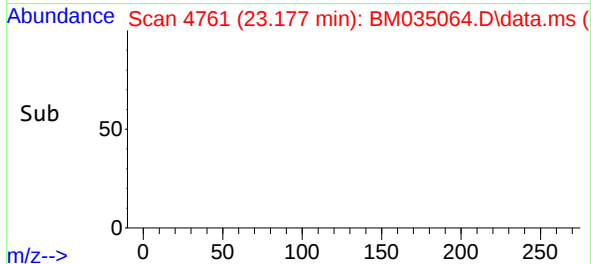
Instrument :
BNA_M
ClientSampleId :
EW491



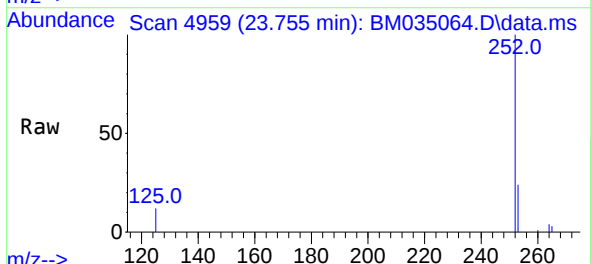
Tgt Ion:252 Resp: 105079
Ion Ratio Lower Upper
252 100
253 24.2 26.8 40.2
125 13.1 12.0 18.0

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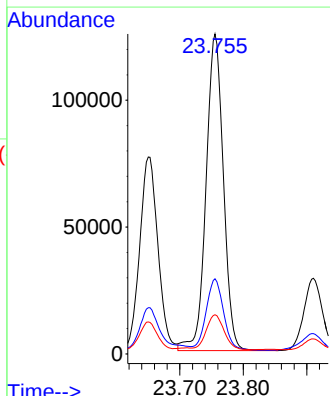
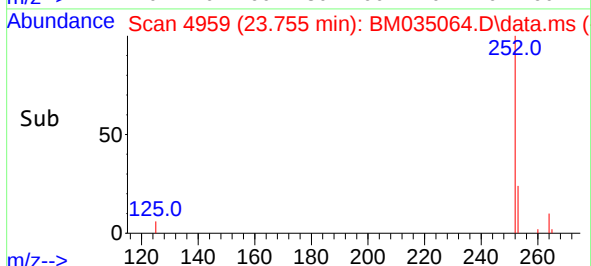
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

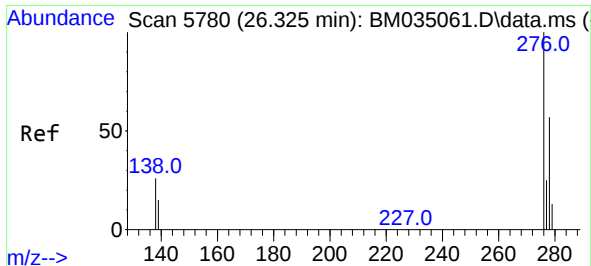


#26
Benzo(a)pyrene
Concen: 3.731 ng/ul
RT: 23.755 min Scan# 4959
Delta R.T. 0.005 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17



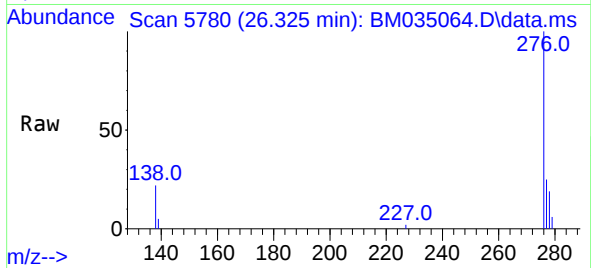
Tgt Ion:252 Resp: 236200
Ion Ratio Lower Upper
252 100
253 23.5 32.0 48.0#
125 12.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.311 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

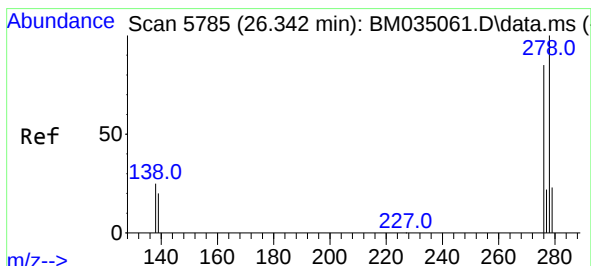
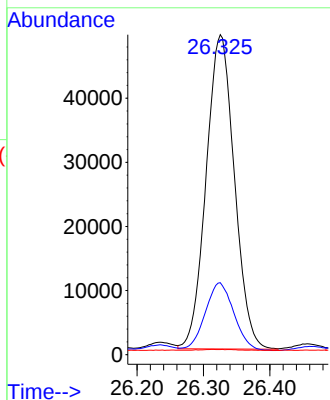
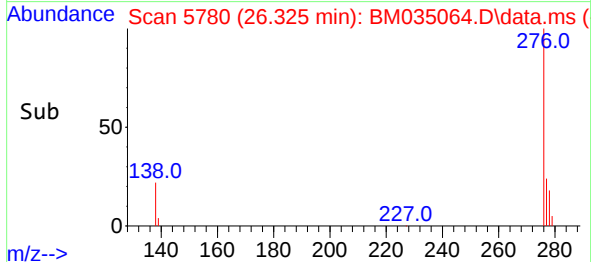
Instrument :
BNA_M
ClientSampleId :
EW491



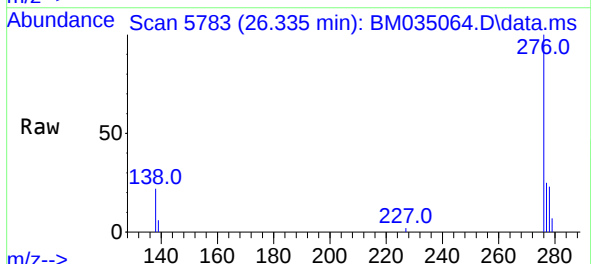
Tgt Ion:276 Resp: 144810
Ion Ratio Lower Upper
276 100
138 22.0 15.8 23.6
227 0.4 0.0 0.0

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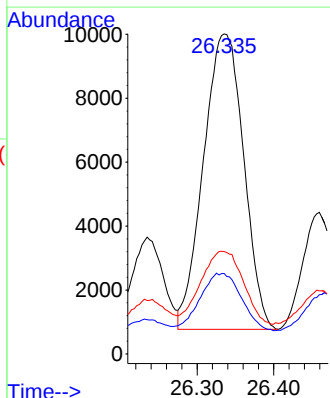
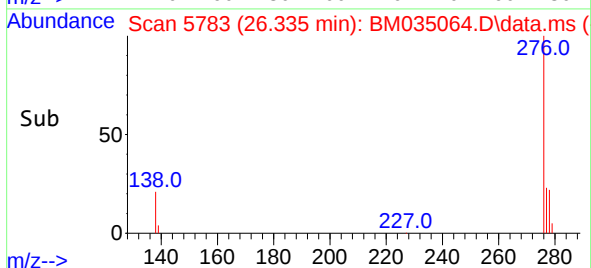
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

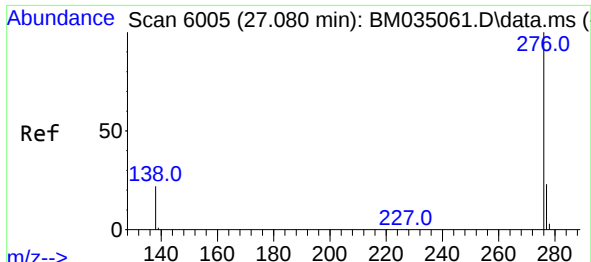


#28
Dibenzo(a,h)anthracene
Concen: 0.676 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. -0.008 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17



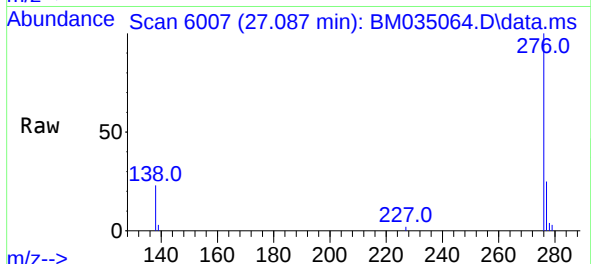
Tgt Ion:278 Resp: 33702
Ion Ratio Lower Upper
278 100
139 25.2 18.0 27.0
279 32.0 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 2.062 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.006 min
Lab File: BM035064.D
Acq: 14 May 2022 14:17

Instrument :
BNA_M
ClientSampleId :
EW491



Tgt Ion:276 Resp: 111098
Ion Ratio Lower Upper
276 100
138 22.9 17.4 26.0
277 25.0 22.6 33.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

