

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035068.D
 Acq On : 14 May 2022 16:41
 Operator : CG/JU
 Sample : N2603-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW493

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:31:31 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	4193	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	13125	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	8847	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	19089	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	15106	0.400	ng/ul	# 0.00
23) Perylene-d12	23.861	264	12028	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	20765	4.134	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	6779	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	17297	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	24689	0.570	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	13266	0.466	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	10362	0.391	ng/ul	100
10) Acenaphthylene	14.274	152	5914	0.113	ng/ul	96
11) Acenaphthene	14.612	153	34819	0.921	ng/ul	96
12) Fluorene	15.597	166	34327	0.776	ng/ul	99
15) Phenanthrene	17.334	178	625344	8.600	ng/ul	94
16) Anthracene	17.427	178	135333	2.043	ng/ul#	91
19) Fluoranthene	19.349	202	1194112	14.076	ng/ul	97
20) Pyrene	19.717	202	1022427	11.866	ng/ul	98
21) Benzo(a)anthracene	21.459	228	445269	6.369	ng/ul	98
22) Chrysene	21.511	228	435623	5.989	ng/ul	98
24) Benzo(b)fluoranthene	23.139	252	515053	8.166	ng/ul	87
25) Benzo(k)fluoranthene	23.180	252	147311m	2.447	ng/ul	
26) Benzo(a)pyrene	23.759	252	335218	5.842	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.333	276	210254	3.703	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.343	278	49091	1.087	ng/ul	92
29) Benzo(g,h,i)perylene	27.091	276	162824	3.334	ng/ul	95

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

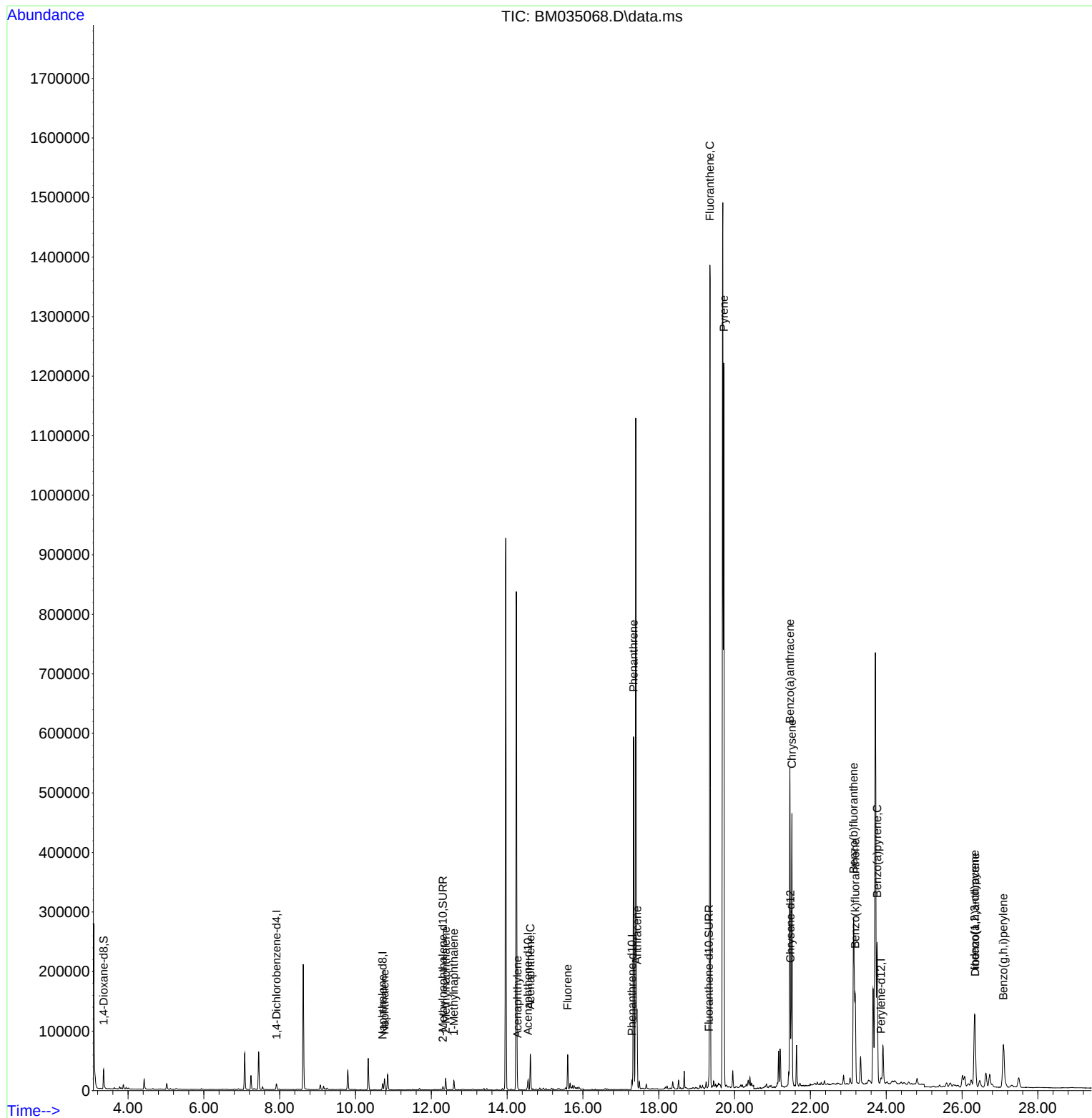
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035068.D
Acq On : 14 May 2022 16:41
Operator : CG/JU
Sample : N2603-12
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ALS Vial : 43 Sample Multiplier: 1

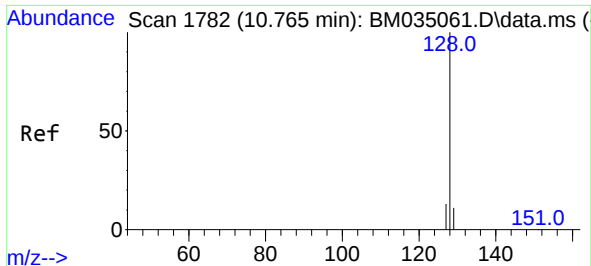
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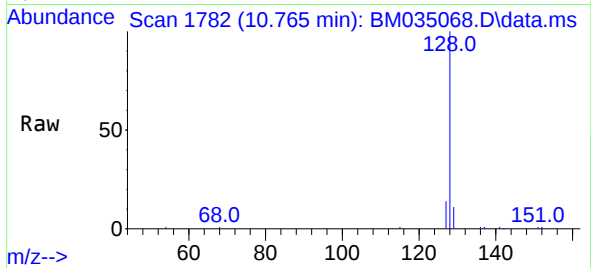
Quant Time: May 15 01:31:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.570 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

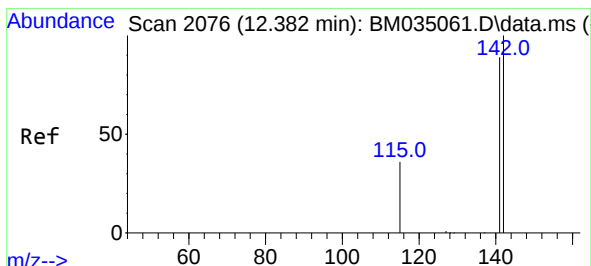
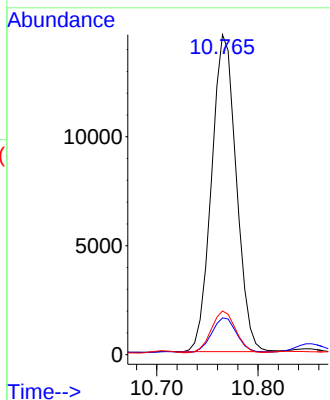
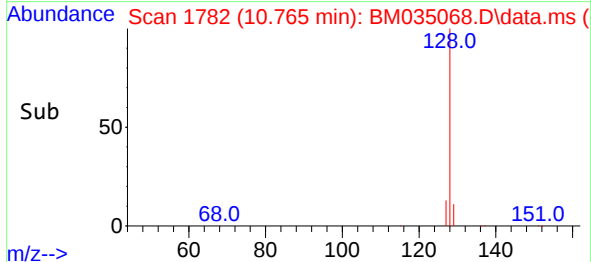
Instrument :
BNA_M
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EW493



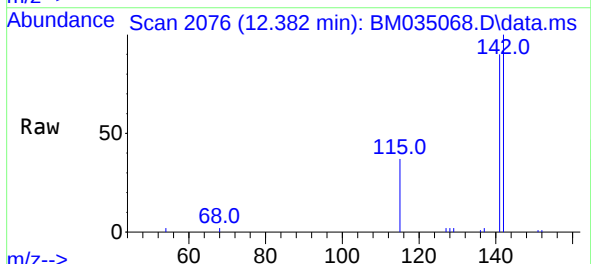
Tgt Ion:128 Resp: 24689
Ion Ratio Lower Upper
128 100
129 11.5 13.4 20.2
127 13.6 15.2 22.8

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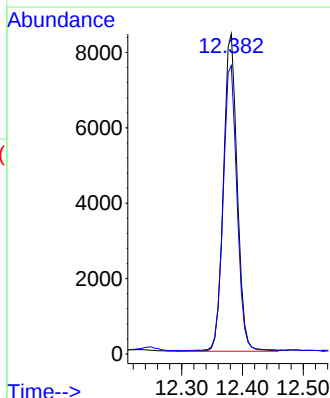
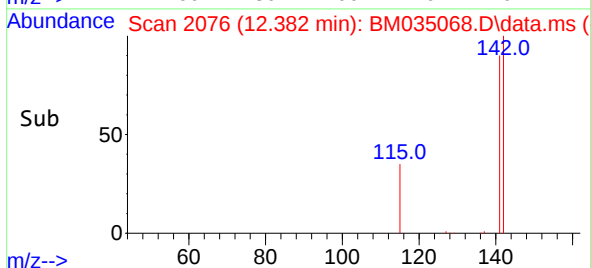
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

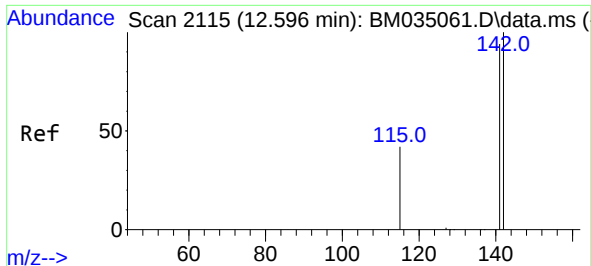


#7
2-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



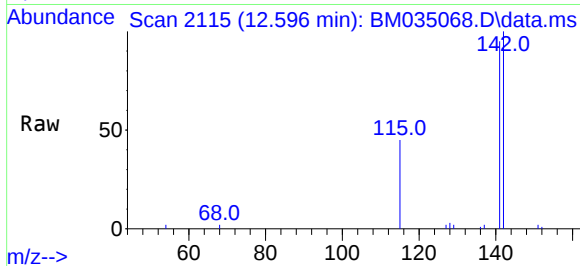
Tgt Ion:142 Resp: 13266
Ion Ratio Lower Upper
142 100
141 91.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

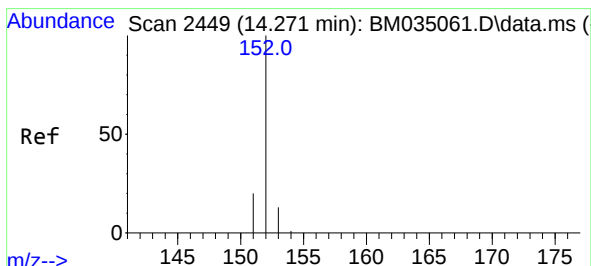
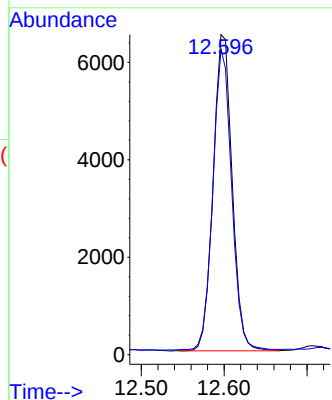
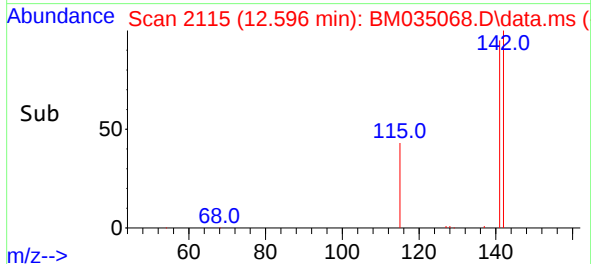
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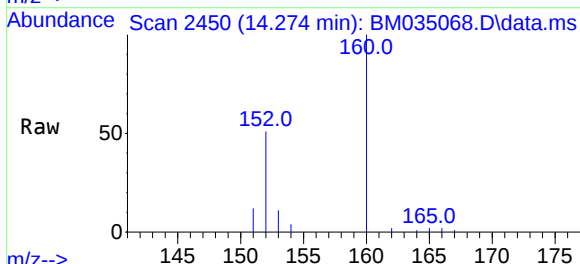
Tgt Ion:142 Resp: 10362
Ion Ratio Lower Upper
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141 94.1 75.0 112.4

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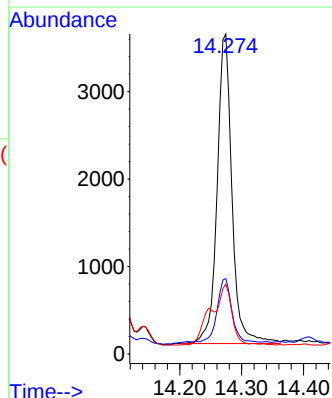
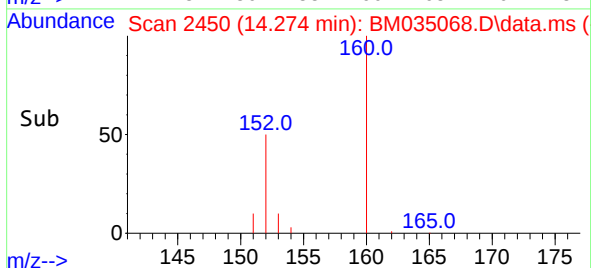
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

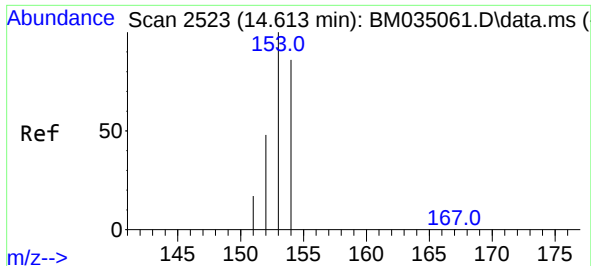


#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



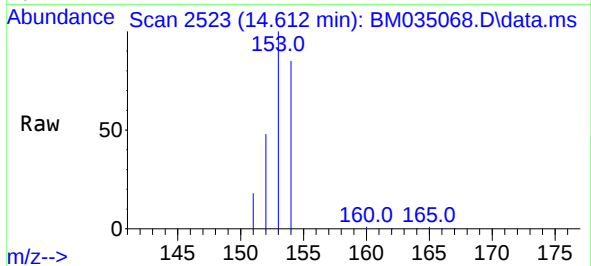
Tgt Ion:152 Resp: 5914
Ion Ratio Lower Upper
152 100
151 23.6 19.9 29.9
153 21.8 15.0 22.4





#11
Acenaphthene
Concen: 0.921 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

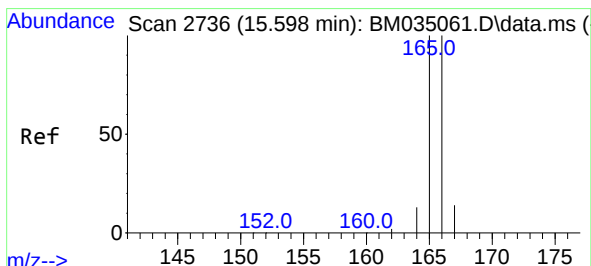
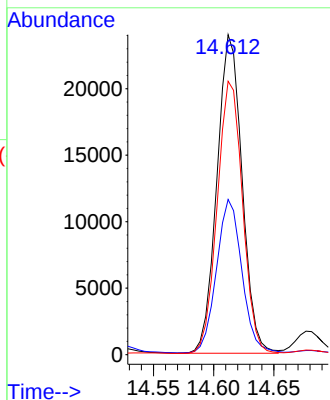
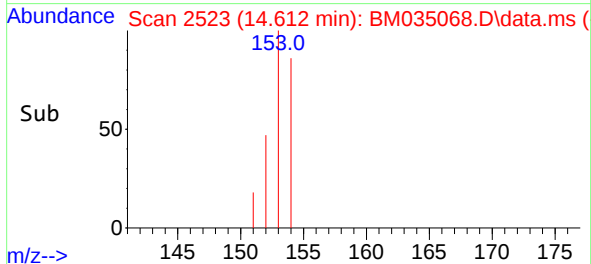
Instrument :
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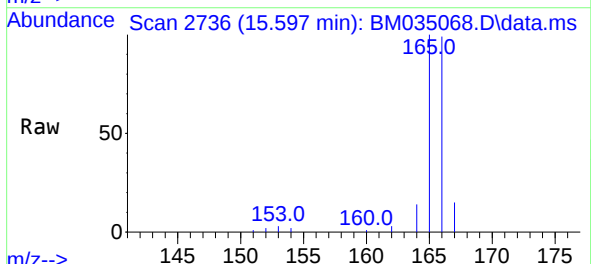
Tgt Ion:153 Resp: 34819
Ion Ratio Lower Upper
153 100
152 48.5 42.4 63.6
154 85.4 66.2 99.2

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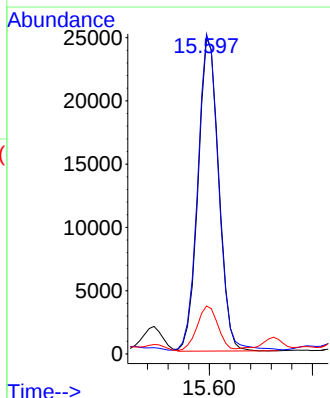
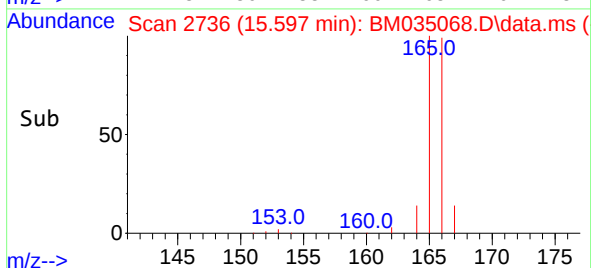
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

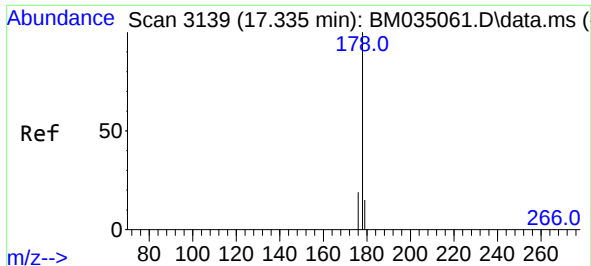


#12
Fluorene
Concen: 0.776 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



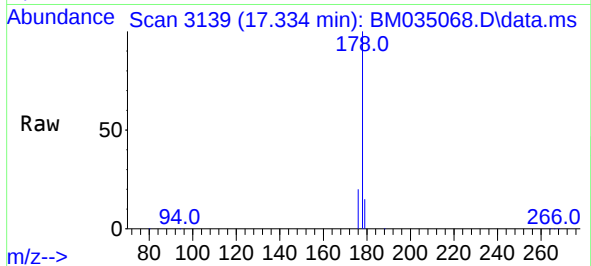
Tgt Ion:166 Resp: 34327
Ion Ratio Lower Upper
166 100
165 101.2 81.1 121.7
167 15.2 14.9 22.3





#15
Phenanthrene
Concen: 8.600 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

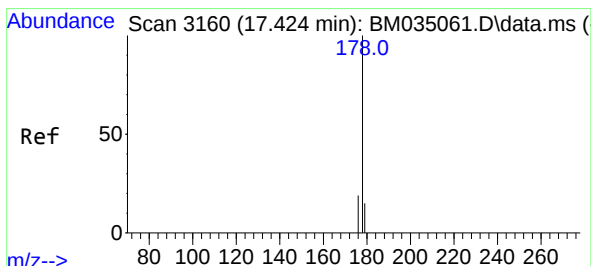
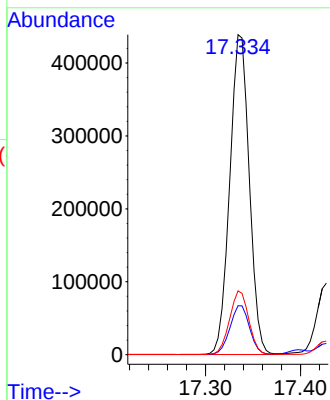
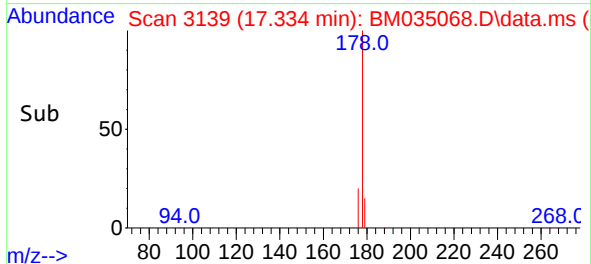
Instrument :
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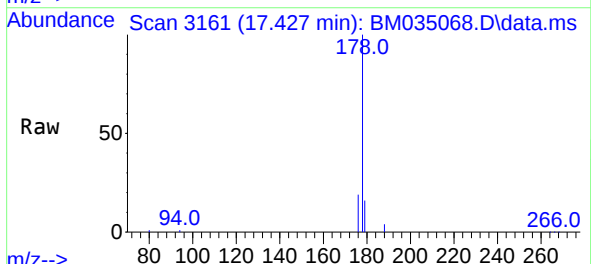
Tgt Ion:178 Resp: 625344
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.9 17.9 26.9

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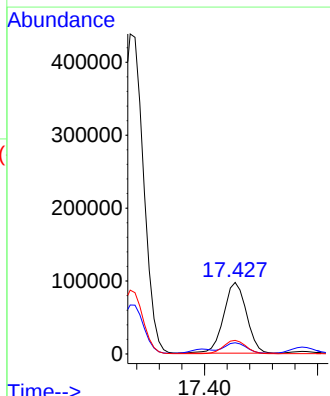
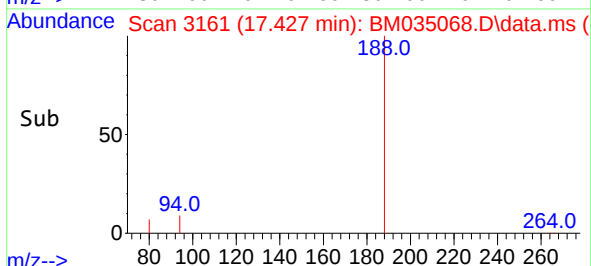
Reviewed By :Jagrut Upadhyay 05/16/2022
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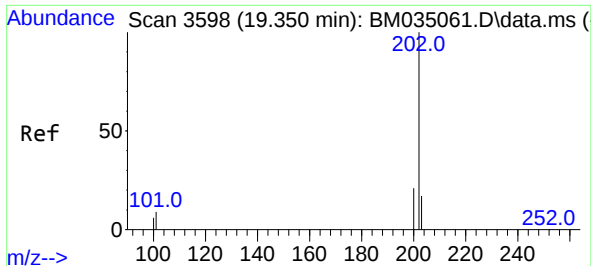


#16
Anthracene
Concen: 2.043 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



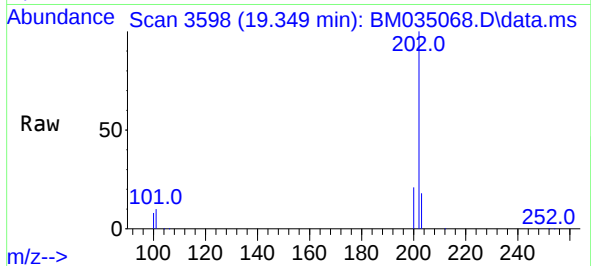
Tgt Ion:178 Resp: 135333
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.0 18.3 27.5





#19
Fluoranthene
Concen: 14.076 ng/u1
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

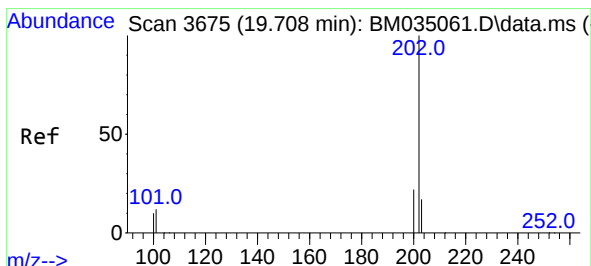
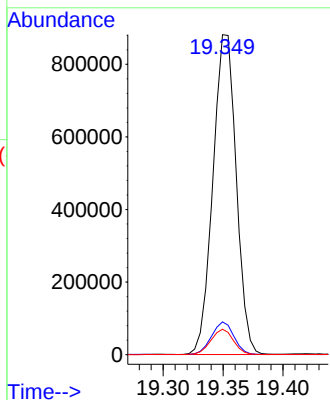
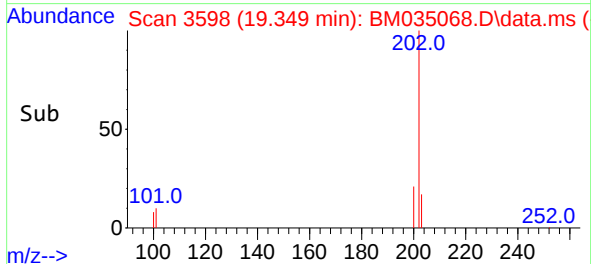
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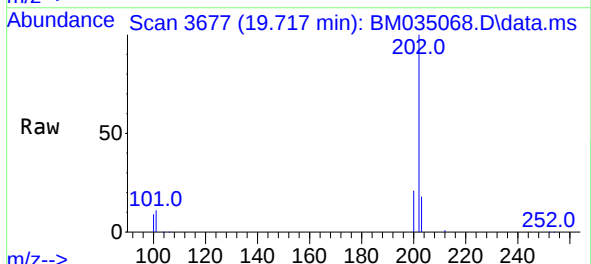
Tgt Ion:202 Resp: 119411
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 8.0 7.2 10.8

Manual Integrations
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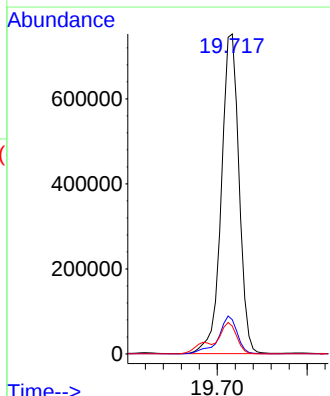
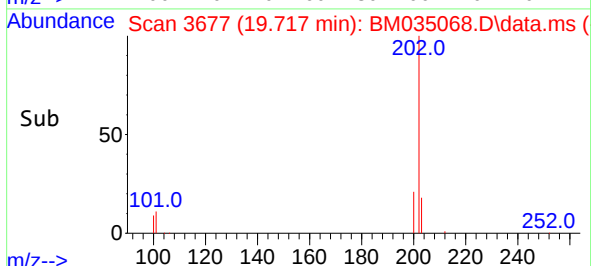
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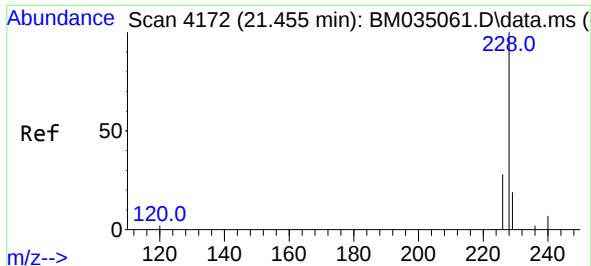


#20
Pyrene
Concen: 11.866 ng/u1
RT: 19.717 min Scan# 3677
Delta R.T. 0.005 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



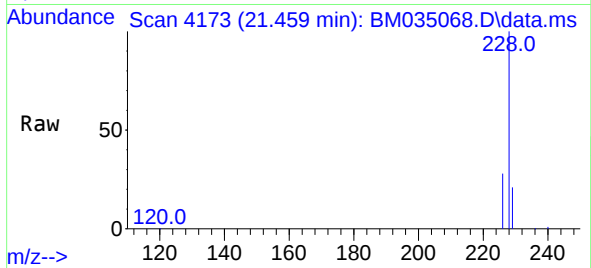
Tgt Ion:202 Resp: 1022427
Ion Ratio Lower Upper
202 100
101 10.7 9.3 13.9
100 8.7 7.8 11.6





#21
Benzo(a)anthracene
Concen: 6.369 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

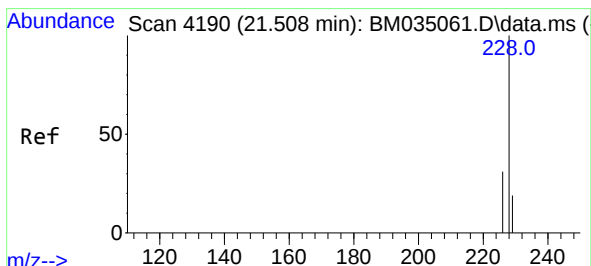
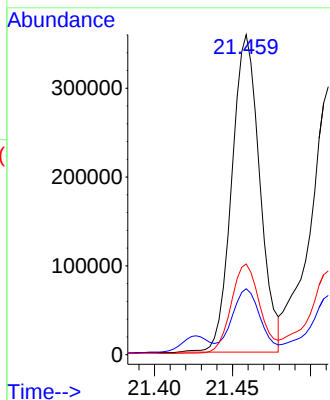
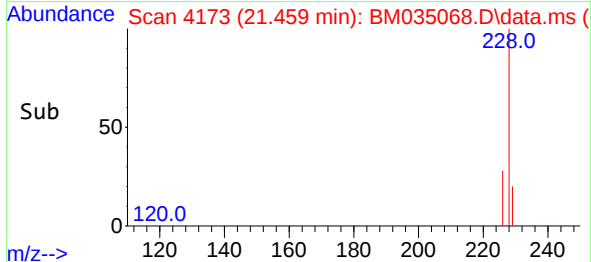
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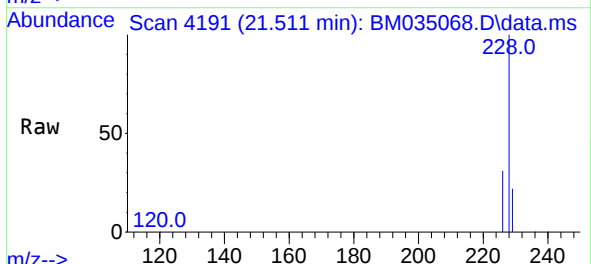
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Ion Ratio Lower Upper
228 100
229 20.6 17.3 25.9
226 28.4 23.2 34.8

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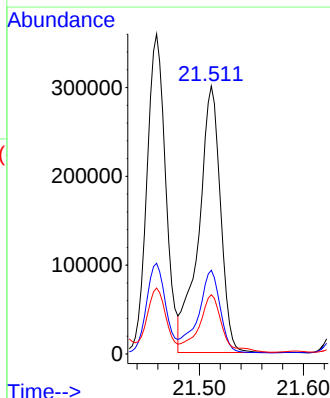
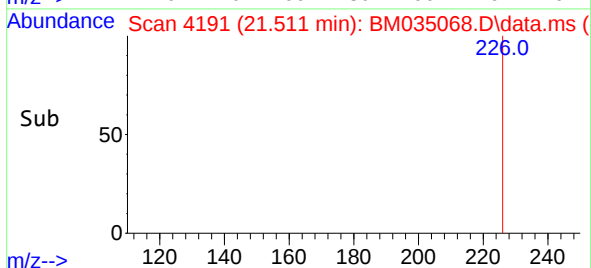
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

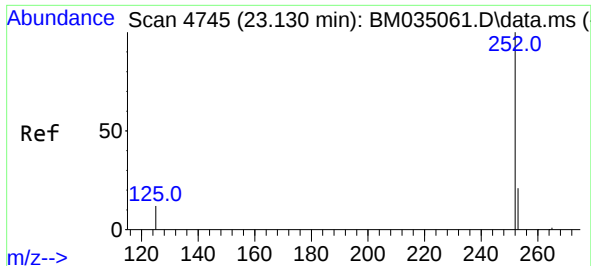


#22
Chrysene
Concen: 5.989 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



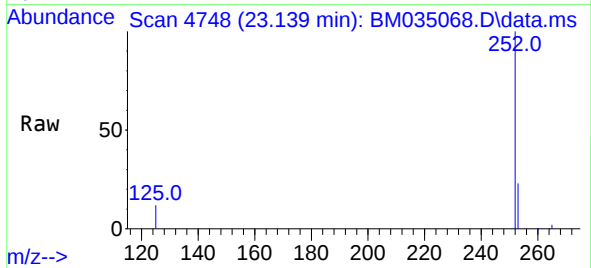
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Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 22.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 8.166 ng/ul
RT: 23.139 min Scan# 4745
Delta R.T. 0.006 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

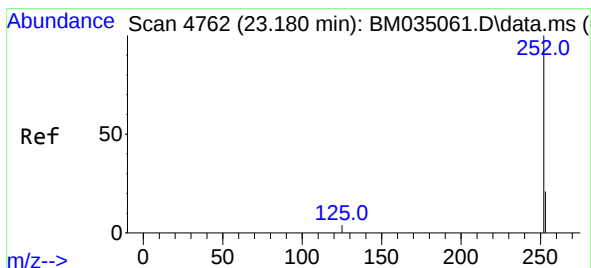
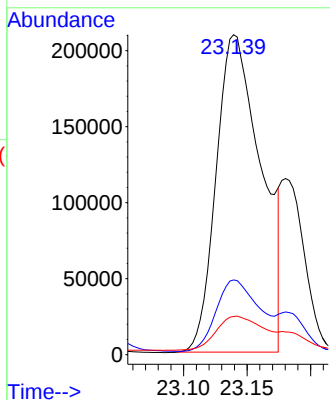
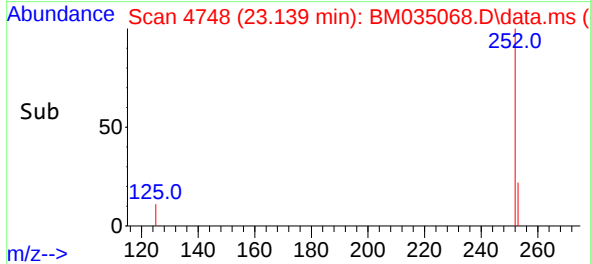
Instrument :
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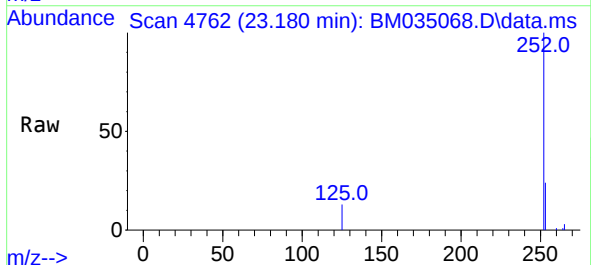
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Ion Ratio Lower Upper
252 100
253 23.4 0.0 64.2
125 11.9 0.0 28.8

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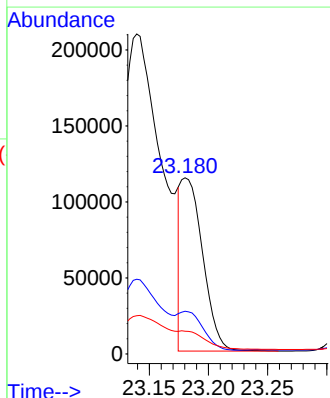
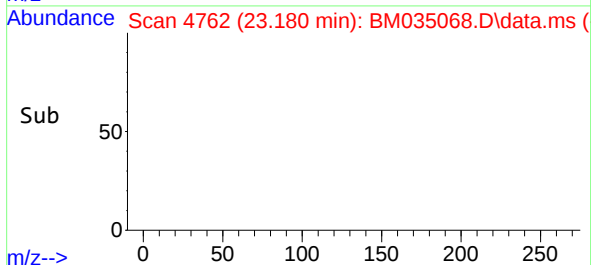
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

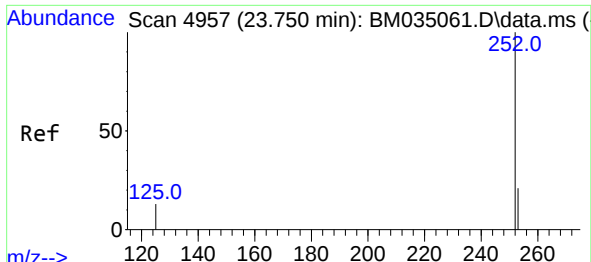


#25
Benzo(k)fluoranthene
Concen: 2.447 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



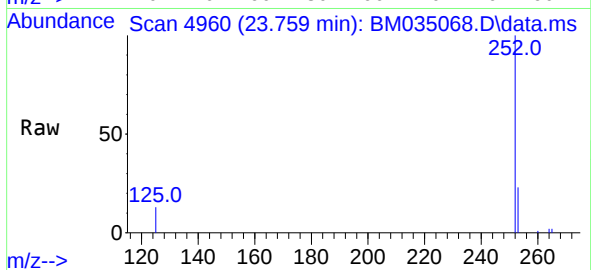
Tgt Ion:252 Resp: 147311
Ion Ratio Lower Upper
252 100
253 24.3 26.8 40.2#
125 12.9 12.0 18.0





#26
Benzo(a)pyrene
Concen: 5.842 ng/u1
RT: 23.759 min Scan# 4957
Delta R.T. 0.009 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

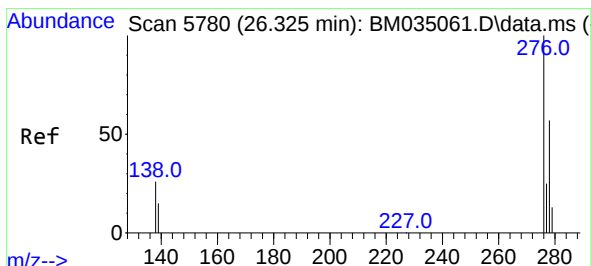
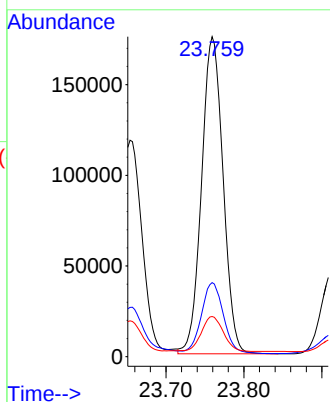
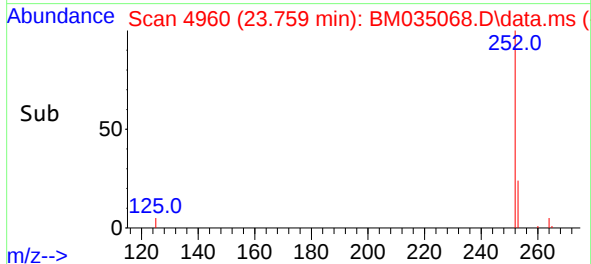
Instrument :
BNA_M
ClientSampleId :
EW493



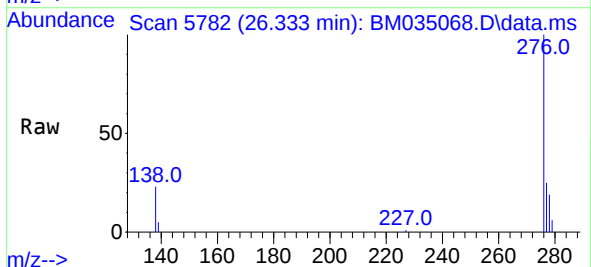
Tgt Ion:252 Resp: 335218
Ion Ratio Lower Upper
252 100
253 23.2 32.0 48.0
125 12.6 14.5 21.7

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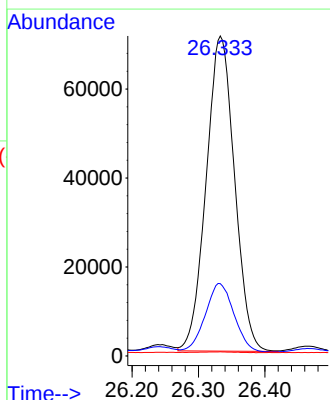
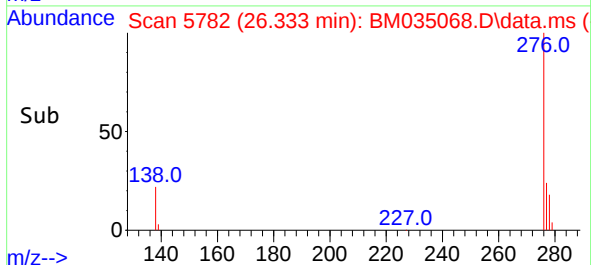
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

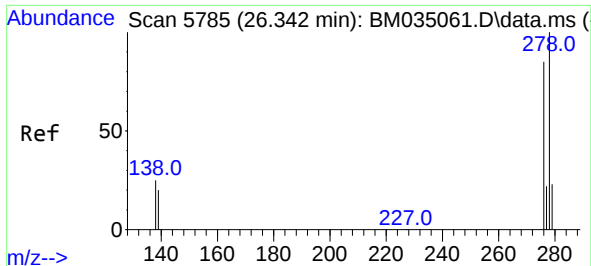


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.703 ng/u1
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



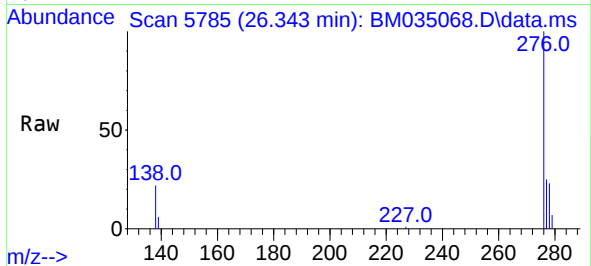
Tgt Ion:276 Resp: 210254
Ion Ratio Lower Upper
276 100
138 22.1 15.8 23.6
227 0.4 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.087 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41

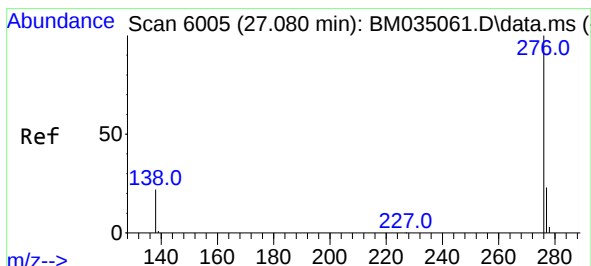
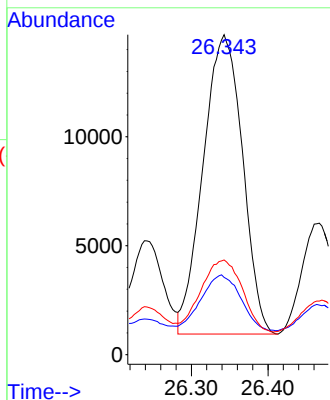
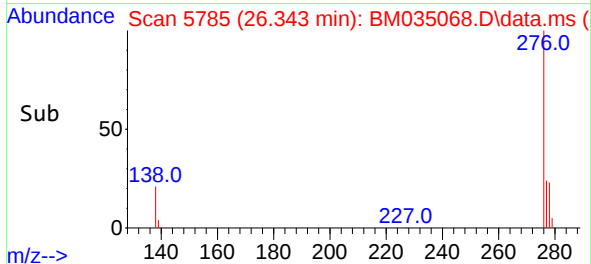
Instrument :
BNA_M
ClientSampleId :
EW493



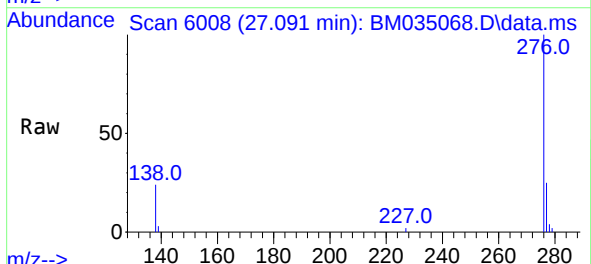
Tgt Ion:278 Resp: 4909
Ion Ratio Lower Upper
278 100
139 24.2 18.0 27.0
279 29.6 28.6 42.8

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



#29
Benzo(g,h,i)perylene
Concen: 3.334 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035068.D
Acq: 14 May 2022 16:41



Tgt Ion:276 Resp: 162824
Ion Ratio Lower Upper
276 100
138 23.6 17.4 26.0
277 24.8 22.6 33.8

