

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035035.D
 Acq On : 13 May 2022 19:39
 Operator : CG/JU
 Sample : N2603-20DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A1DL

Manual Integrations
 APPROVED

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

Quant Time: May 13 23:12:54 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	7.921	152	4782	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	15105	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	9705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	20470	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	16692	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	15417	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	3602	0.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	982	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	2336	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	4166	0.084	ng/ul#	91
7) 2-Methylnaphthalene	12.382	142	805	0.025	ng/ul	99
8) 1-Methylnaphthalene	12.602	142	611	0.020	ng/ul	98
11) Acenaphthene	14.613	153	4053	0.098	ng/ul	96
12) Fluorene	15.598	166	4435	0.091	ng/ul	99
15) Phenanthrene	17.335	178	68348	0.877	ng/ul	93
16) Anthracene	17.424	178	14555	0.205	ng/ul#	92
19) Fluoranthene	19.350	202	109245	1.165	ng/ul	97
20) Pyrene	19.708	202	91597	0.962	ng/ul	95
21) Benzo(a)anthracene	21.455	228	41035	0.531	ng/ul	98
22) Chrysene	21.508	228	37187	0.463	ng/ul	99
24) Benzo(b)fluoranthene	23.133	252	46937	0.581	ng/ul	89
25) Benzo(k)fluoranthene	23.174	252	15050m	0.195	ng/ul	
26) Benzo(a)pyrene	23.750	252	30051	0.409	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.322	276	17877	0.246	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.339	278	4241	0.073	ng/ul#	79
29) Benzo(g,h,i)perylene	27.077	276	12289	0.196	ng/ul#	93

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

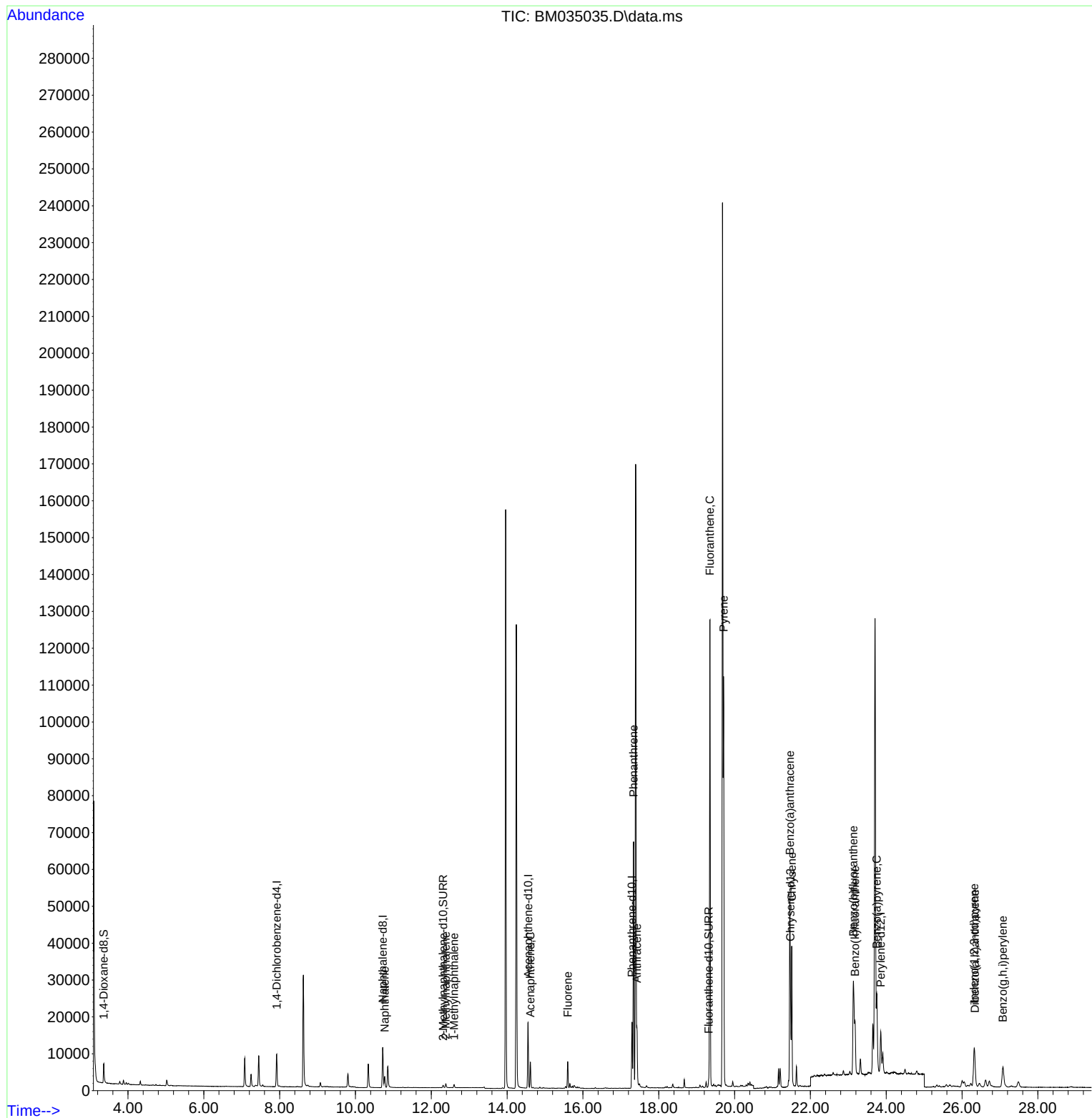
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035035.D
Acq On : 13 May 2022 19:39
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Sample : N2603-20DL 5X
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ALS Vial : 9 Sample Multiplier: 1

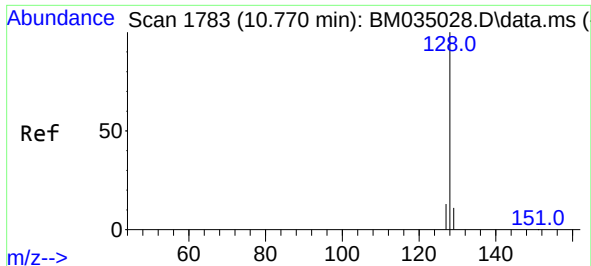
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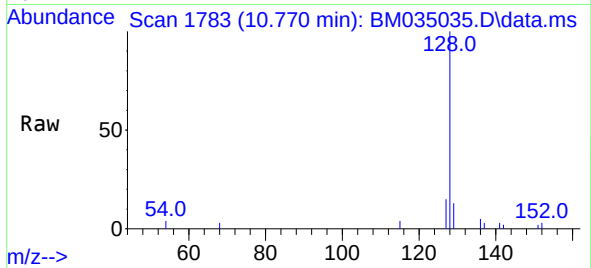
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

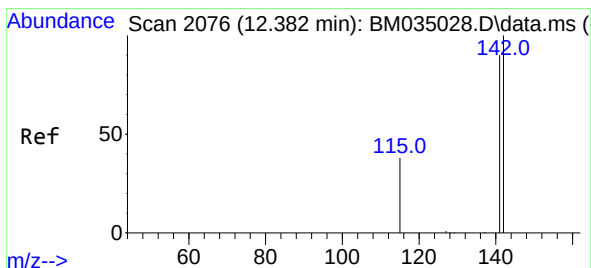
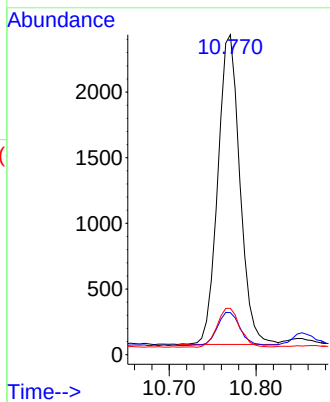
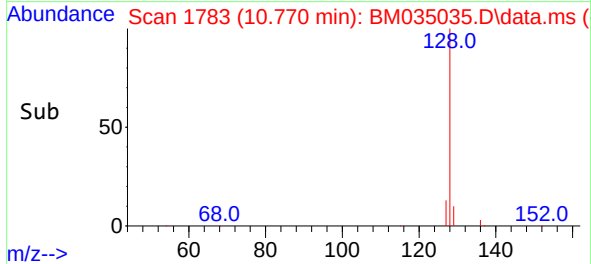
Instrument :
BNA_M
ClientSampleId :
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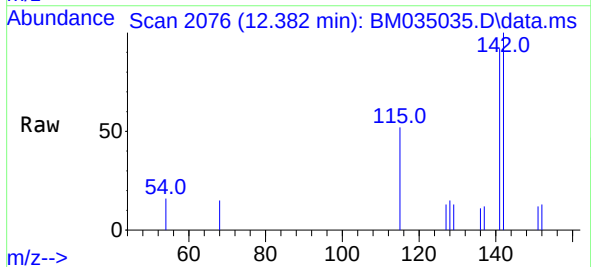
Tgt Ion:128 Resp: 4160
Ion Ratio Lower Upper
128 100
129 13.2 13.4 20.2
127 14.5 15.2 22.8

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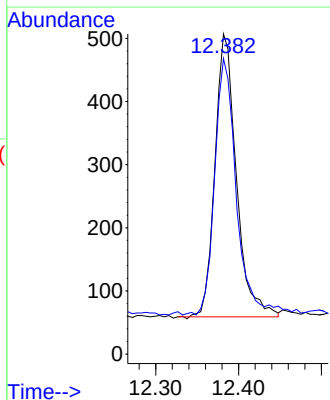
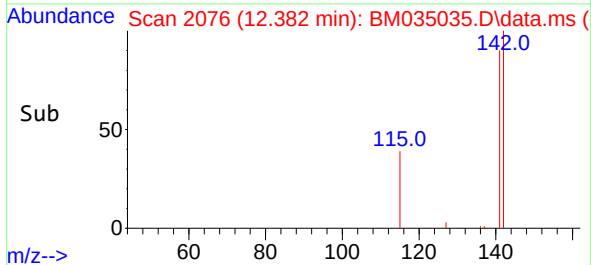
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

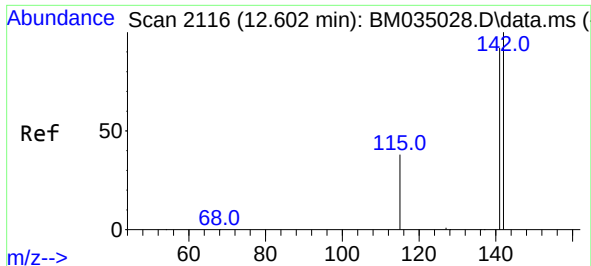


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



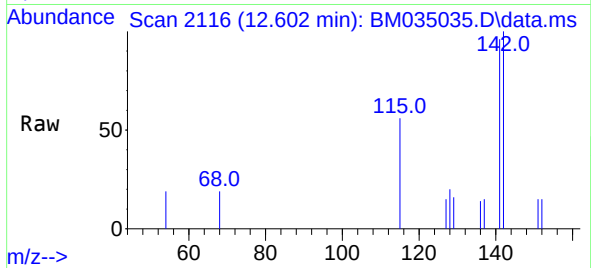
Tgt Ion:142 Resp: 805
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.020 ng/u1
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

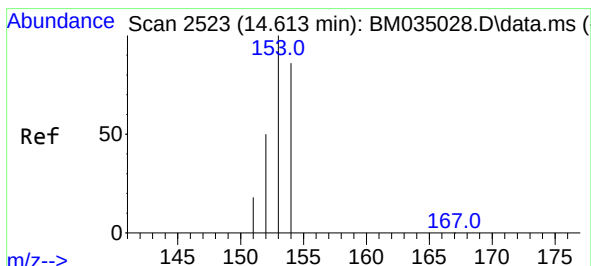
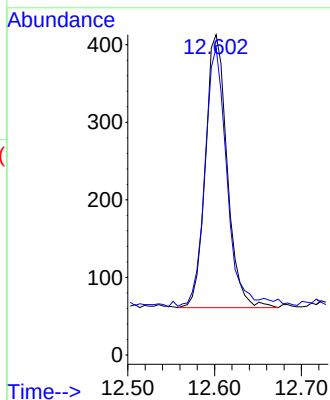
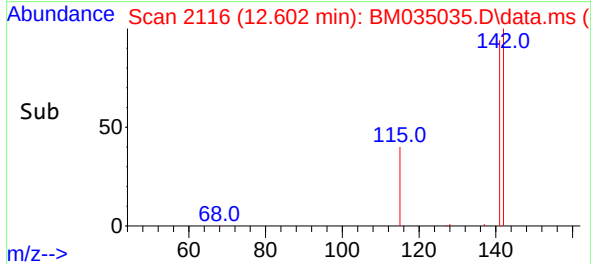
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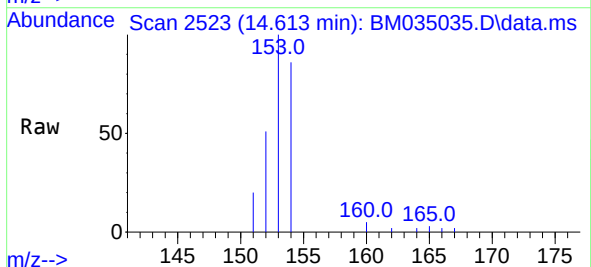
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
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141 95.9 75.0 112.4

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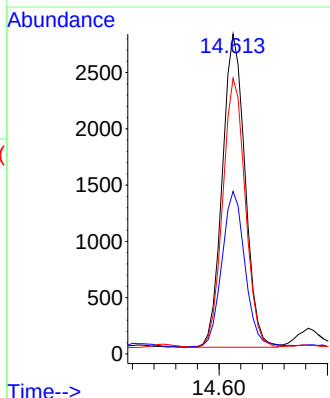
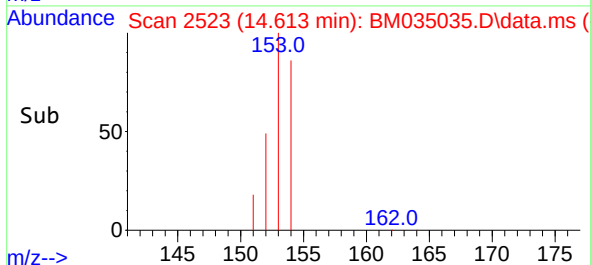
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

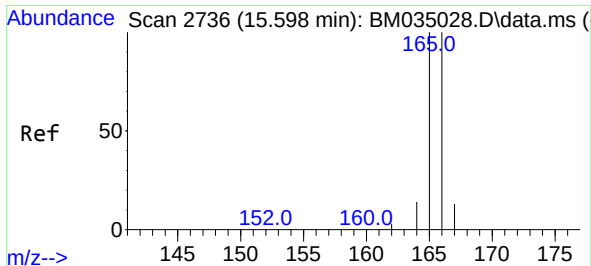


#11
Acenaphthene
Concen: 0.098 ng/u1
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



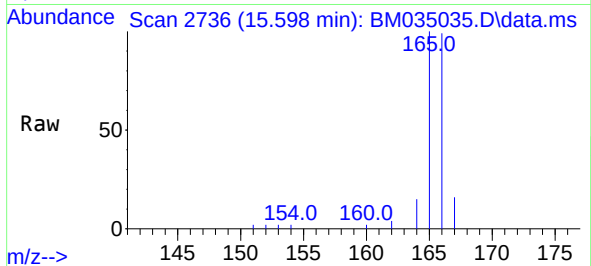
Tgt Ion:153 Resp: 4053
Ion Ratio Lower Upper
153 100
152 50.8 42.4 63.6
154 86.2 66.2 99.2





#12
Fluorene
Concen: 0.091 ng/u1
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

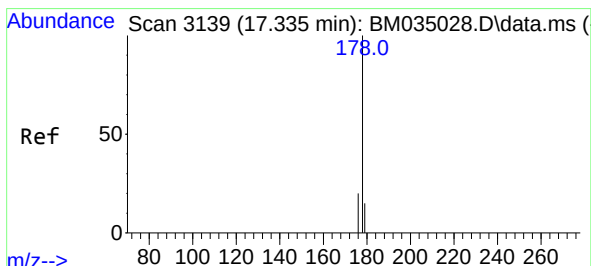
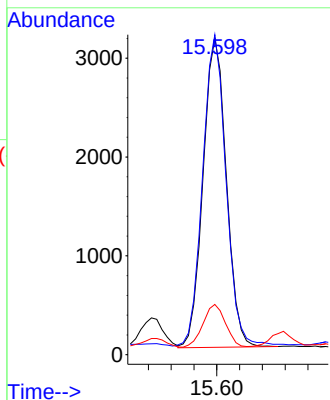
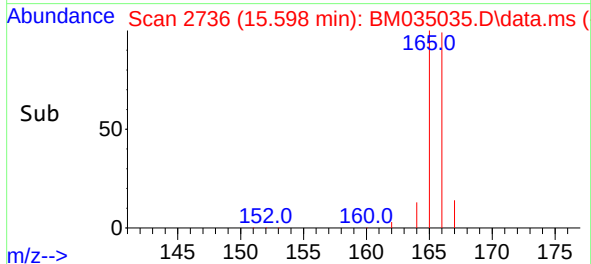
Instrument :
BNA_M
ClientSampleId :
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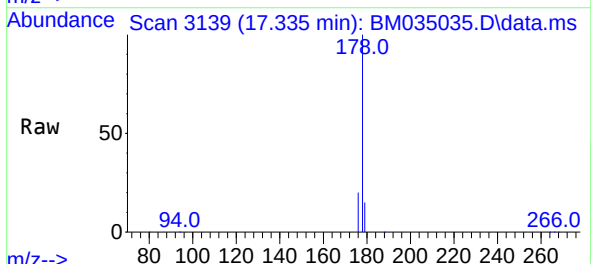
Tgt Ion:166 Resp: 443
Ion Ratio Lower Upper
166 100
165 101.1 81.1 121.7
167 15.9 14.9 22.3

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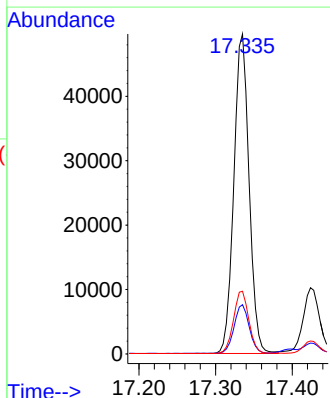
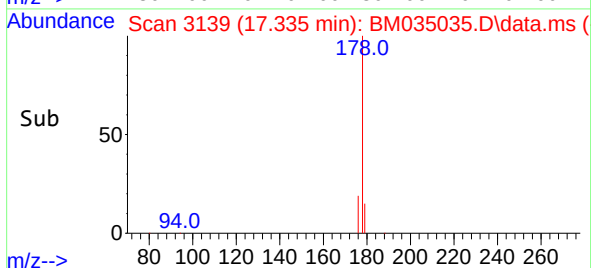
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

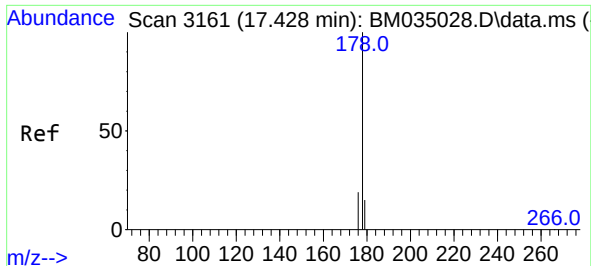


#15
Phenanthrene
Concen: 0.877 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



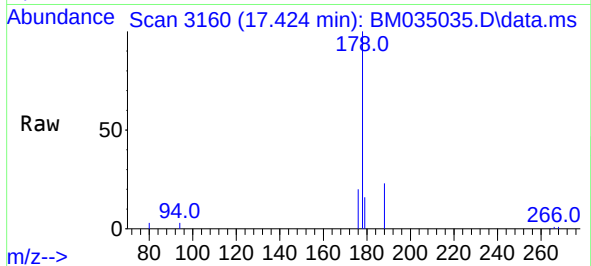
Tgt Ion:178 Resp: 68348
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 0.205 ng/u1
 RT: 17.424 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM035035.D
 Acq: 13 May 2022 19:39

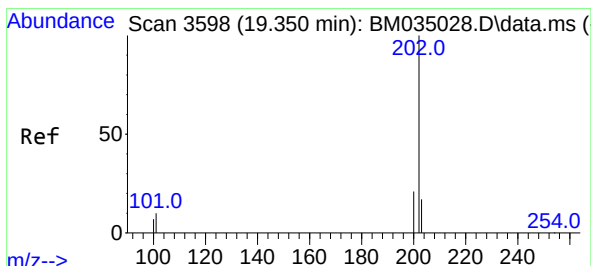
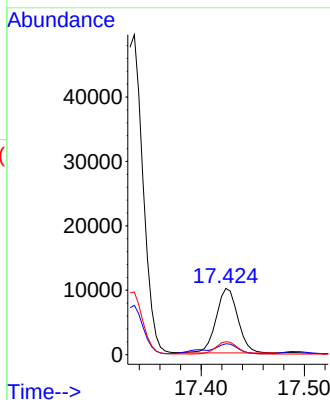
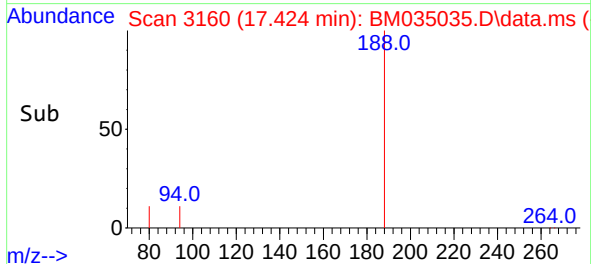
Instrument :
 BNA_M
 ClientSampleId :
 EW4A1DL



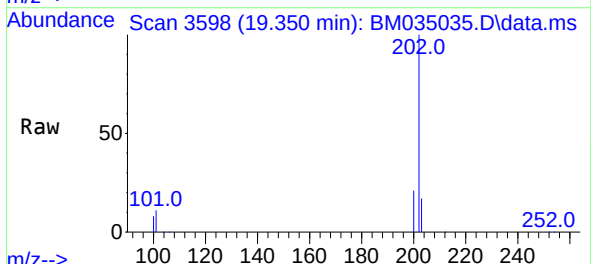
Tgt Ion:178 Resp: 14558
 Ion Ratio Lower Upper
 178 100
 179 16.4 16.5 24.7
 176 19.5 18.3 27.5

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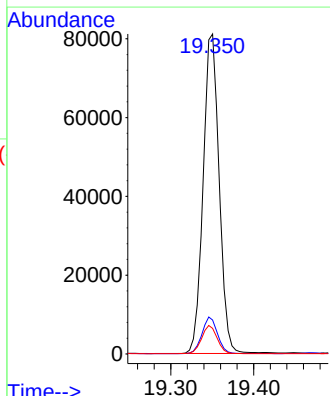
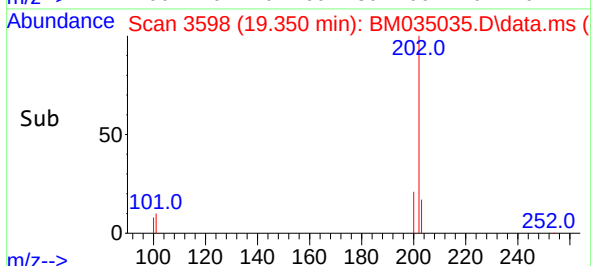
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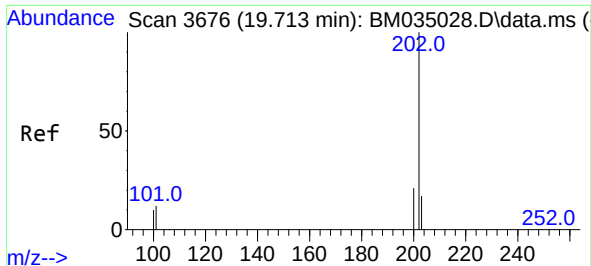


#19
 Fluoranthene
 Concen: 1.165 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. 0.001 min
 Lab File: BM035035.D
 Acq: 13 May 2022 19:39



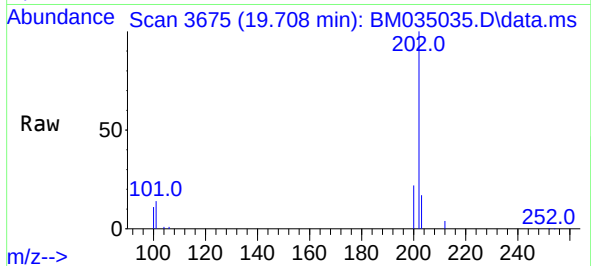
Tgt Ion:202 Resp: 109245
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.2 13.8
 100 8.0 7.2 10.8





#20
Pyrene
Concen: 0.962 ng/ul
RT: 19.708 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

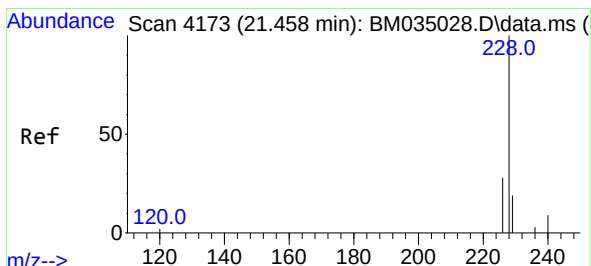
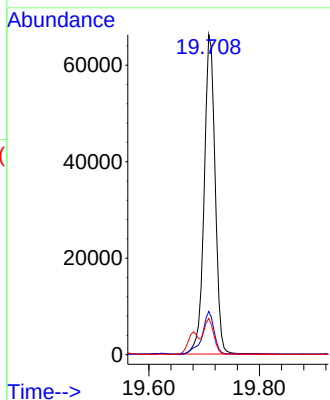
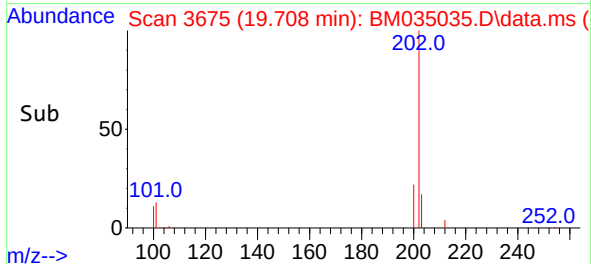
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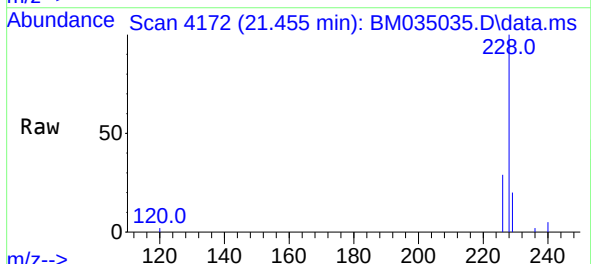
Tgt Ion:202 Resp: 9159
Ion Ratio Lower Upper
202 100
101 13.5 9.3 13.9
100 11.3 7.8 11.6

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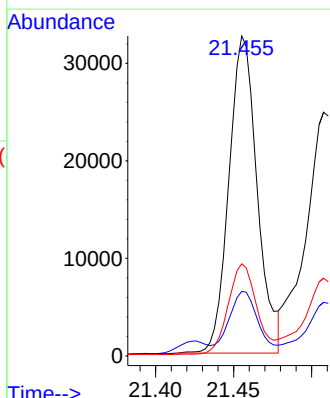
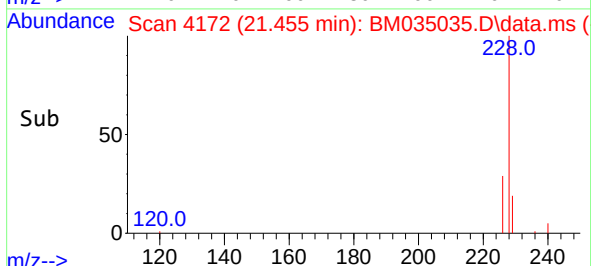
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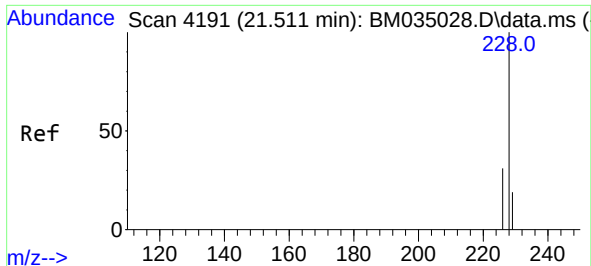


#21
Benzo(a)anthracene
Concen: 0.531 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



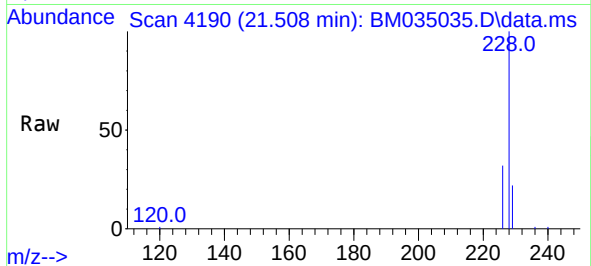
Tgt Ion:228 Resp: 41035
Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 28.8 23.2 34.8





#22
Chrysene
Concen: 0.463 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

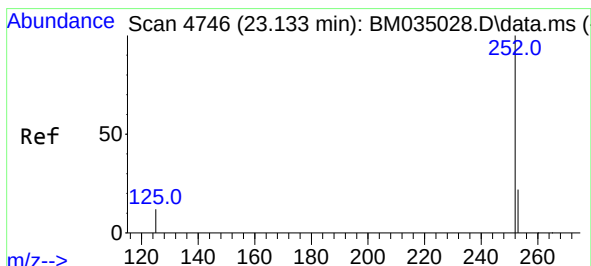
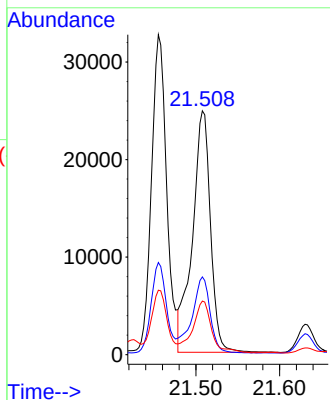
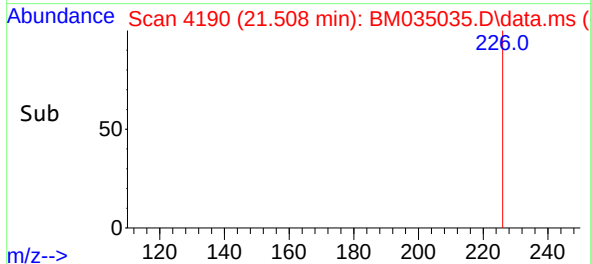
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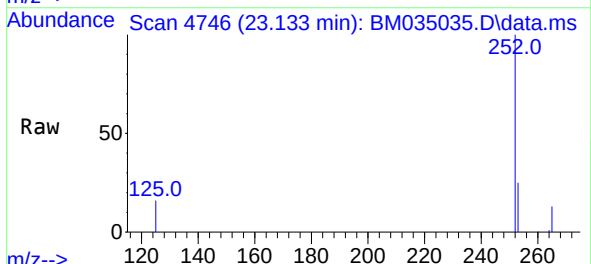
Tgt Ion:228 Resp: 3718
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 22.0 16.7 25.1

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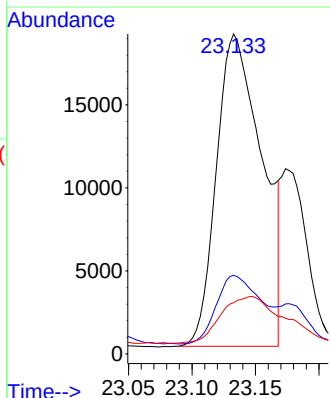
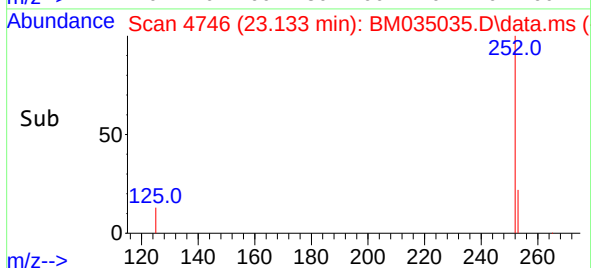
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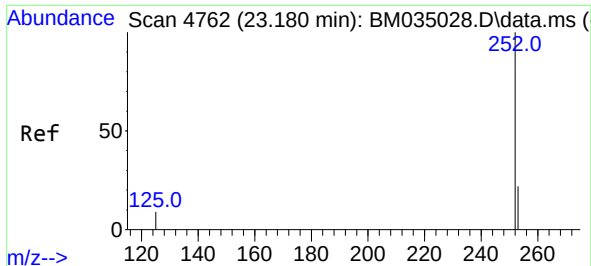


#24
Benzo(b)fluoranthene
Concen: 0.581 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.001 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



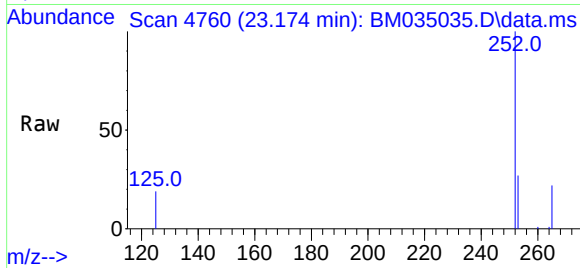
Tgt Ion:252 Resp: 46937
Ion Ratio Lower Upper
252 100
253 24.6 0.0 64.2
125 16.0 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 23.174 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

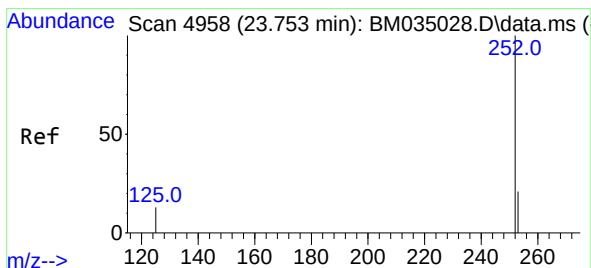
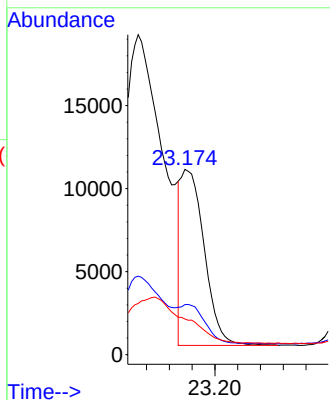
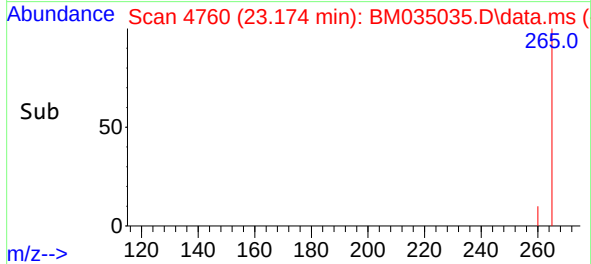
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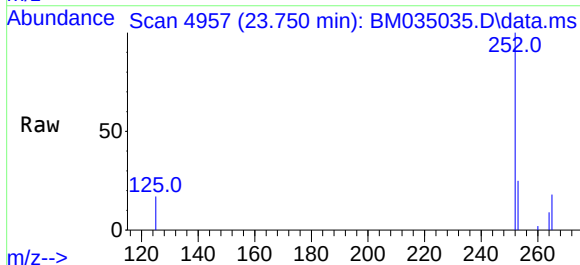
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Ion Ratio Lower Upper
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253 27.1 26.8 40.2
125 19.2 12.0 18.0

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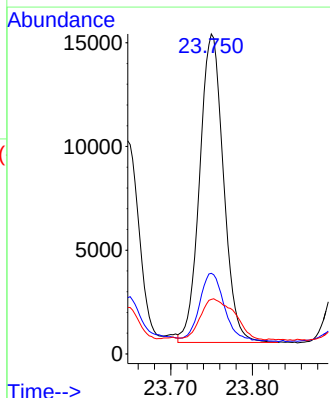
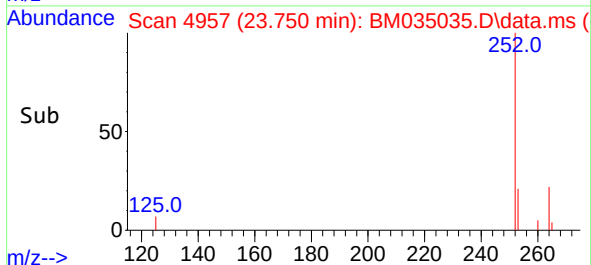
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

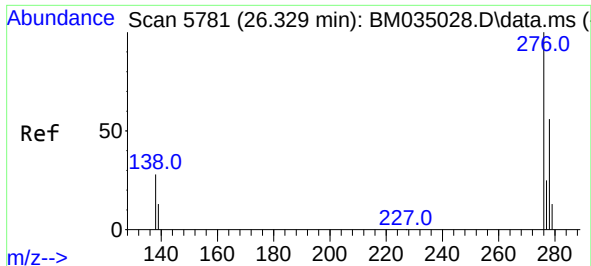


#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.001 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



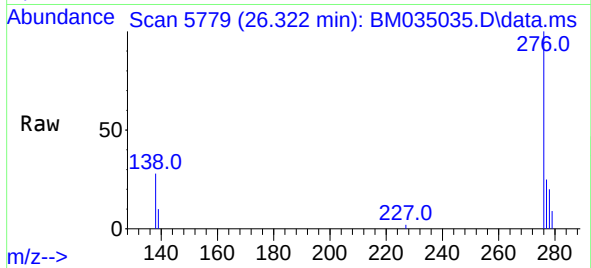
Tgt Ion:252 Resp: 30051
Ion Ratio Lower Upper
252 100
253 25.2 32.0 48.0#
125 17.1 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

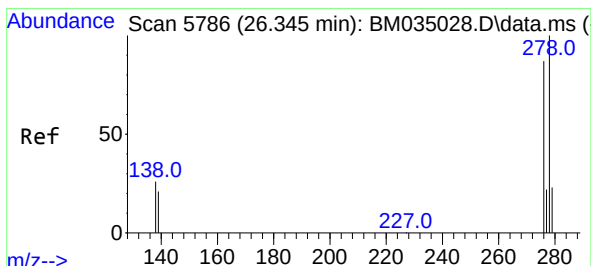
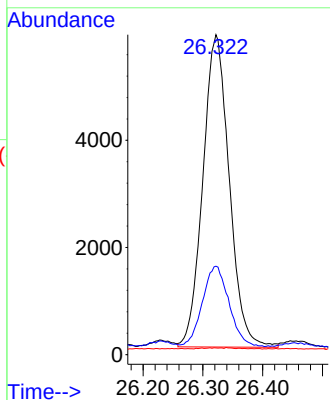
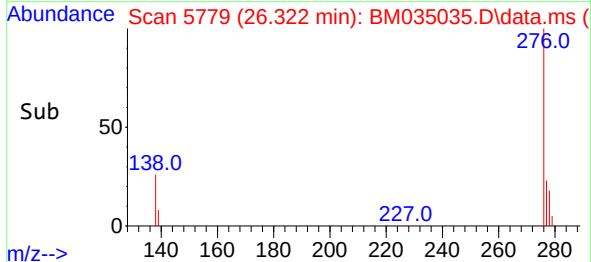
Instrument :
BNA_M
ClientSampleId :
EW4A1DL



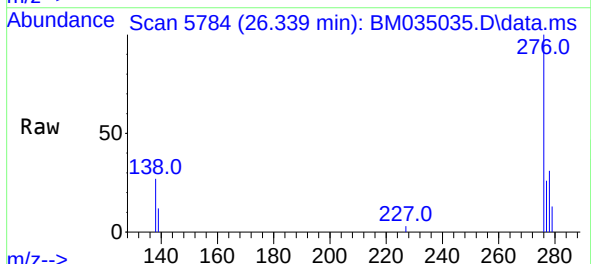
Tgt Ion: 276 Resp: 1787
Ion Ratio Lower Upper
276 100
138 25.9 15.8 23.6
227 0.1 0.0 0.0

Manual Integrations
APPROVED

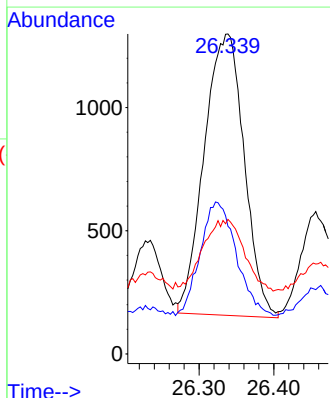
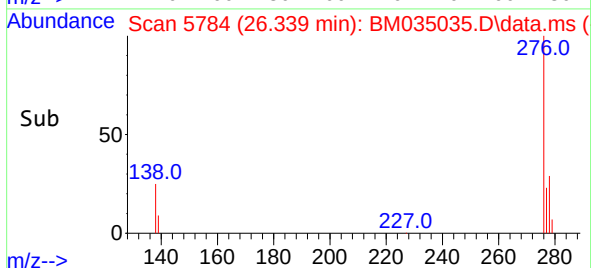
Reviewed By : Jagrut Upadhyay 05/16/2022
Supervised By : Yogesh Patel 05/17/2022

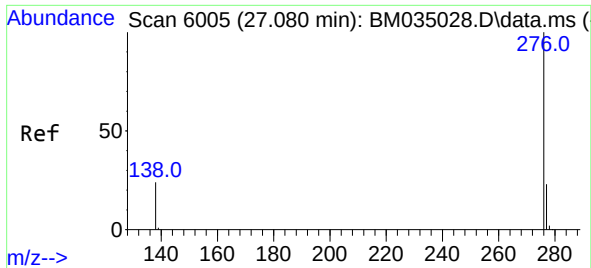


#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39



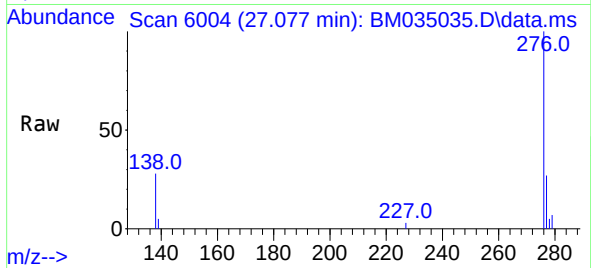
Tgt Ion: 278 Resp: 4241
Ion Ratio Lower Upper
278 100
139 39.9 18.0 27.0
279 42.0 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 0.196 ng/ul
RT: 27.077 min Scan# 6004
Delta R.T. -0.004 min
Lab File: BM035035.D
Acq: 13 May 2022 19:39

Instrument :
BNA_M
ClientSampleId :
EW4A1DL



Tgt Ion: 276 Resp: 12289

Ion	Ratio	Lower	Upper
276	100		
138	28.0	17.4	26.0
277	26.6	22.6	33.8

Manual Integrations
APPROVED

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

